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Electrical & Electronics Abstracts

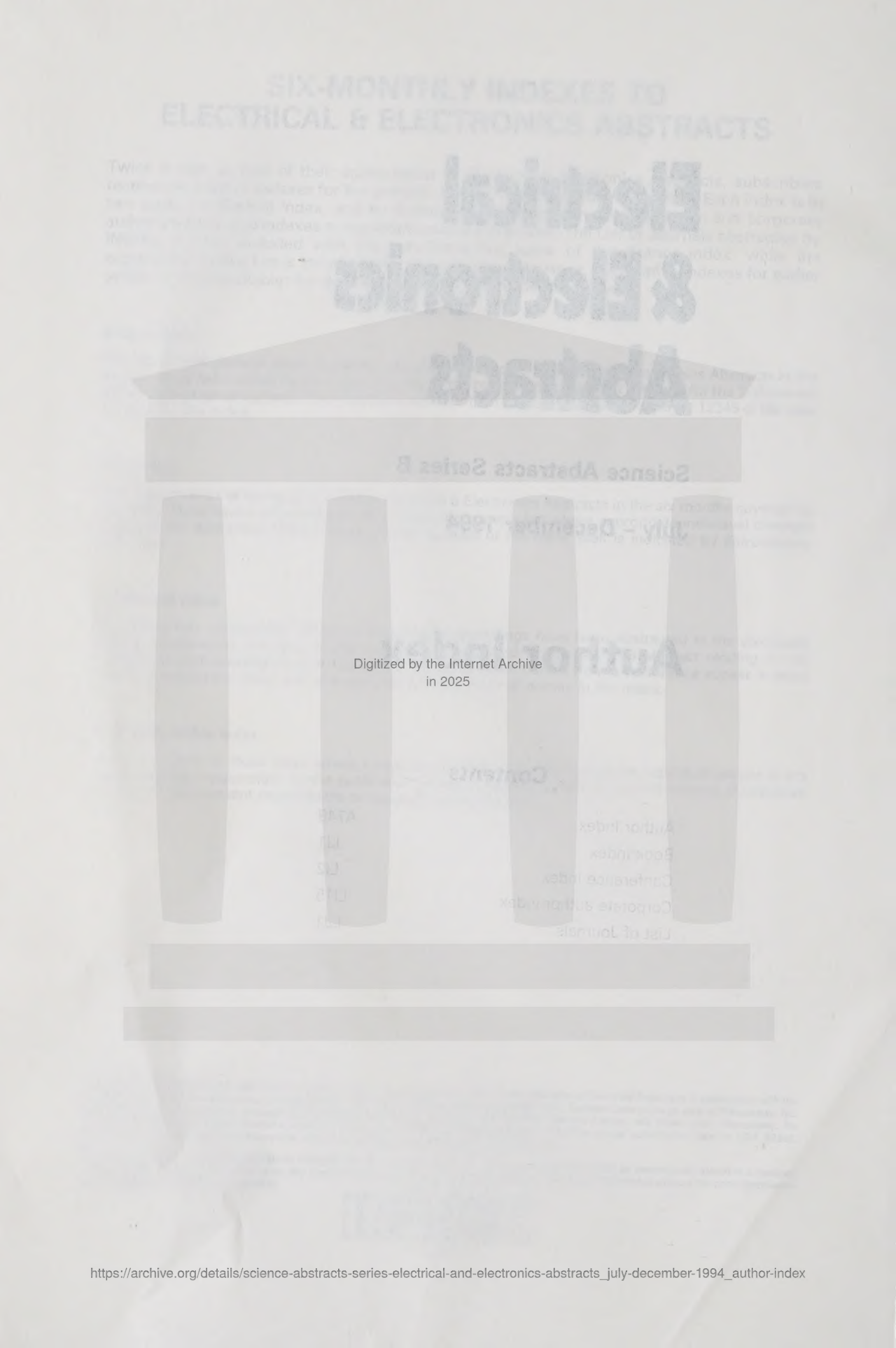
Science Abstracts Series B

July – December 1994

Author Index

Contents

Author Index	A749
Book Index	LI1
Conference index	LI2
Corporate author index	LI15
List of Journals	LJ1



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Author Index

Aabo, T., Lawson, W.G., Pancholi, S.V. Upgrading the ampacity of HPFF pipe-type cable circuits 89277
Aach, T., Kaup, A. Disparity-based segmentation of stereoscopic foreground/background image sequences 51655
Aach, T. *see* Kaup, A. 95918
Aagaard, M., Leeser, M. A methodology for efficient hardware verification 80056
Aagaard, P. Establishment of mobile telephony in Ukraine 85566
Aagesen, F.A. A flow management architecture for b-ISDN 52229
Aalo, V. *see* Karimi, K. 86293
Aalo, V. *see* Sannegowda, R. 86066
Aalsma, A.M.M. *see* de Jong, G.W. 58692
Aalto, S., Norros, I., Virtamo, J., Kvols, K., Manthorpe, S. Performance aspects of streaming and message modes of interworking 58173
Aalto, S., van den Berg, J.L., Smeitink, E., Virtamo, J.T. Performance modelling and analysis of an ATM-DQDB interworking unit 65527
Aalund, M.P. *see* Geisinger, J.W. 54138
Aamo, K. Frequency controlled antenna beam steering 73533
Aamo, K. Frequency controlled antenna beam steering 83872
Aamoth, R.J. The dynamics and impact of US telecom policy on accounting rates and international simple resale 96304
aan de Stegge, J. *see* den Broeder, F.J.A. 50237
Aanandan, C.K. *see* Day, S. 95011
Aanandan, C.K. *see* Mathew, T. 64153
Aanegola, S.K. *see* McCann, P.J. 79810
Aarnoudse, J.G. *see* Koelink, M.H. 76940
Aarnoudse, J.G. *see* Koelink, M.H. 87551
Aarons, J., Rush, C. The effects of scintillation of 136-150 MHz Earth-space propagation paths 73337
Aarskog, A.I., Guren, H.C. Predictive coding of speech using microphone/speaker adaptation and vector quantization 51390
Aarskog, A.I. *see* Guren, H.C. 84181
Aarsvold, J.N. *see* Ordonez, C.E. 98848
Aarsvold, J.N. *see* Yasillo, N.J. 98821
Aarsvold, S.N. *see* Ordonez, C.E. 88434
Aarts, E. *see* Korst, J. 69744
Aas, E.J., Steen, T., Klingsheim, K. Quantifying design quality through design experiments 54554
Aas, J.A. *see* Schaubert, D.H. 73559
Aas, T. *see* Dowell, D. 76384
Aase, S.O., Ramstad, T.A. Parallel FIR filter banks for robust subband image coding 85053
Aase, S.O. *see* Ramstad, T.A. 92397
Aaserud, O. *see* Ismail, M. 49590
Aatre, V.K. *see* Kodali, V.P. 54310
Aaty, M.Abdel *see* Abdel Aaty, M.
Aazhang, B. *see* Brandt-Pearce, M. 58412
Ab. Ghani, M.R., Sudin, S., Ibrahim, M. Optimisation and control of economic dispatch for power systems 99496
Aba Oud, H. *see* Steeb, H. 68487
Abadeer, W.W., Vollertsen, R.-P., Bolam, R.J., DiMaria, D.J., Cartier, E. Correlation between theory and data for mechanisms leading to dielectric breakdown 71703
Abadi, H., Needham, R. Prudent engineering practice for cryptographic protocols 57982
Abadir, M., Parikh, A., Bal, L., Sandborn, P., Murphy, C. High level test economics advisor (Hi-TEA) 79285
Abadir, M. *see* Bitner, J. 70372
Abadir, M. *see* Drake, K. 48677
Abadir, M. *see* Sandborn, P.A. 79317
Abadir, M. *see* Sandborn, P.A. 79368
Abadir, M.S., Parikh, A.R., Sandborn, P.A., Drake, K., Bal, L. Analyzing multichip module testing strategies 55485
Abadir, M.S. *see* Sandborn, P.A. 62034
Abakarova, N.S., Aliev, K.M., Ibragimov, Kh.M.O. Kink instability of the current in p-Ge⟨Au⟩ at high optical-excitation levels 55546
Abakumov, G.A., Polyakov, B.I., Yaroslavtsev, V.T. Influence of the ionisation-recombination process on the fluorescence and lasing properties of complex molecules in the gaseous phase 72698
Abarbanel, H.D.I. *see* Rulkov, N.F. 70274
Abarra, E.N. *see* Denlinger, D.W. 52810
Abashkin, V.G. *see* Andriesh, A.M. 58816
Abass, A.K., Krier, A., Collins, R.A. The influence of iodine on the electrical properties of lead phthalocyanine (PbPC) interdigital planar gas sensors 58886
Abass, A.K. *see* Collins, R.A. 76096
Abate, J., Choudhury, G.L., Whitt, W. Waiting-time tail probabilities in queues with long-tail service-time distributions 61072
Abate, J., Whitt, W. A heavy-traffic expansion for asymptotic decay rates of tail probabilities in multichannel queues 91189
Abatti, P.J., Pichorim, S.F. Single transistor underdamped RF pulse position modulator with remote switching for implantable biotelemetry units 88429
Abaye, A. *see* Davila, C.E. 59387
Abbaci, M. *see* Agli, N. 81259
Abbadi, A.El *see* El Abbadi, A.
Abbagnaro, L. Manual repair: new techniques and directions [PCBs] 49714
Abbagnaro, L. A low temperature method for safe manual installation and removal of thru-hole and surface mount components 92779
Abbaoui, M. *see* Bezborodko, P. 90275
Abbas, A., Burkley, C.J. A wireless network for indoor communications 52328
Abbas, F., Davis, L.E. Radiation Q-factor of high-T_c superconducting parallel-plate resonators 80592
Abbas, F., Davis, L.E., Gallop, J.C. Ultra-high-Q resonators for low-noise, microwave signal generation using sapphire buffer layers and superconducting thin films 70854
Abbas, M., Ahmad, Z.A. Performance analysis of an ATM statistical multiplexer with batch arrivals 64980
Abbaspour-Sani, E., Ruey-Shing Huang, Chee Yee Kwok A novel electromagnetic accelerometer 87068
Abbaspour-Sani, E., Ruey-Shing Huang, Chee Yee Kwok A linear electromagnetic accelerometer 87554
Abbaszadeh, A.D. *see* Nasiri-Kenari, M. 84006
Abbate, G., De Stefano, L., Mormile, P., Pierattini, G., Santamato, E., Villiargio, M. Electric field-induced mode splitting in a liquid crystal waveguide 63497
Abbattista, F., Fanelli, A.M., Pelillo, M. An evolutionary approach to vector quantizer design 83988
Abbe, S. *see* Zhu, P. 87533
Abbey, A.F. *see* Fraser, G.W. 98552
Abbot, R.I. *see* Misra, P.N. 97487
Abbotson, M. *see* Kirk, R. 53441
Abbotson, R. *see* Kirk, R. 53441
Abbott, A.L. *see* Panjwani, M.A. 65371
Abbott, B.P., Hartmann, C.S. An efficient evaluation of the electrostatic fields in IDTs with periodic electrode sequences 99321
Abbott, B.P. *see* Richie, S.M. 93820
Abbott, D.W. *see* Dyck, J.L. 67701
Abbott, F.D. *see* Drane, W.E. 98765
Abbott, J.F. Acoustical design criteria for active noise-control systems 88896
Abbott, L., Dallat, J., Livingston, R., Robinson, A. The application of videoconferencing to the advancement of independent group learning for professional development 54382
Abbott, M., Har, D., Herger, L., Kauffmann, M., Mak, K., Murdock, J., Schulz, C., Smith, T.B., Tremaine, B., Yeh, D., Wong, L. Durable memory RS/6000 system design 70473
Abbott, S. *see* Celata, C.M. 87832
Abbott, W. *see* Choi, D. 92428
Abbott, W.L., Nguyen, H.C., Kuo, B.N., Ovens, K.M., Wong, Y., Casasanta, J. A digital chip with adaptive equalizer for PRML detection in hard-disk drives 92396
Abboud, B. *see* Valentin, J.-P. 52804
Abboud, N. *see* Wojcik, G.L. 93765
Abboud, R.G., Hull, J., Uherka, K., Mulcahy, T. Flywheel energy storage using superconducting magnetic bearings 90469
Abboud, R.G. *see* Reifman, J. 78296
Abd El Rehim, S.S., Abd El Wahaab, S.M., Fouad, E.E., Hassan, H.H. Effect of some variables on the electroplating of zinc from acidic acetate baths 48959
Abd El Wahaab, S.M. *see* Abd El Rehim, S.S. 48959
Abd El-Hady, M.L. *see* El-Fiki, S.A. 86837
Abd El-Hady, M.L. *see* El-Fiki, S.A. 88579
Abd El-Hady, M.L. *see* El-Fiki, S.A. 88580
Abd Elnaby, M. *see* Jianqing He 70877
Abd Majid, W.H., Richardson, T., Holder, S., Lacey, D. Pyroelectric activity of aromatic-substituted copolysiloxane/eicosylamine alternate-layer Langmuir-Blodgett films 71923
Abd Majid, W.H. *see* Richardson, T. 71837
Abd-Alhameed, R.A., Excell, P.S. An improved physical basis for computer modelling of radiation from curved wires 51219
Abd-El-Barr, M. *see* Weidong Li 55190
Abd-El-Barr, M.H. *see* Ghatraju, L. 49218
Abd-El-Hakim, N.S., Ahmad, K.E. On the modes of a mixture of two inverse Gaussian distributions 61081
Abd-Elaziz, A.Y. *see* El-Arabaty, A.M. 78610
Abdalla, H., Jr. *see* Maciel, C.V.B. 80611
Abdalla, H.S., Knight, J.A.G. An integrated knowledge-based and CAD system for facilitating the implementation of concurrent engineering 54464
Abdalla, M. *see* Schlafer, J. 72650
Abdallah, C. *see* Cerda, A. 78645
Abdallah, C. *see* Kristjansson, E. 89044
Abdallah, C. *see* Perez, F. 84322
Abdallah, M.A. *see* Zaky, A.A. 82171
Abdel Aaty, M. *see* El-Banna, A.Z.H. 61114
Abdel Aziz, A.M. *see* Ghoneim, M.Z. 77927
Abdel Kader, S. *see* ElKateb, M.M. 99470
Abdel Kader, W.G. *see* Beauvais, W.J. 70468
Abdel Mageed, M.F., Sakr, A.F., Bahgat, A. Fault detection and identification using a hierarchical neural network-based system 79505
Abdel Naby, M. *see* Barlow, F. 62197
Abdel-Aziz, E.Z. *see* Abdel-Salam, M. 51148
Abdel-Aziz, E.Z. *see* Abdel-Salam, M. 73222
Abdel-Aziz, E.Z. *see* Farag, A.S. 99481
Abdel-Aziz, E.Z. *see* Farag, A.S. 99482
Abdel-Baki, N. *see* Kamel, T. 96647
Abdel-Fadel, A.M.A. *see* Osman, M.S.A. 91334
Abdel-Gawad, N.M.K. *see* Abdel-Salam, H.H. 99736
Abdel-Gawad, N.M.K. *see* Hamza, A.-S.H. 78135
Abdel-Ghaffar, A.M. *see* Abdelaziz, M.E. 53279
Abdel-Ghaffar, A.S. *see* El-Khouly, F.M. 90539
Abdel-Hakeen, S.A. *see* El-Sharkawy, M.A. 92460
Abdel-Halim, I.A.M., El-kassas, S.I., Salama, M.M., Mansour, H.A. Effect of instant of switching on current and torque peaks following connection of a three-phase induction motor to a single-phase supply 78624
Abdel-Halim, I.A.M., Hamed, H.G., Salama, M.M. Closed-form solution of a 3-phase VSI feeding a 3-phase static inductive load 78720
Abdel-Halim, I.A.M., Mansour, H.A., El-Kassas, S.I., Hamed, H.G. Equivalent circuit for small solid-rotor induction motors fed from a non-sinusoidal supply 78620
Abdel-Halim, I.A.M., Salama, M.M., Hamed, H.G. Performance of a three-phase induction motor fed from a nonideal single-phase supply 100120
Abdel-Halim, I.A.M. *see* Ahmed, F.I. 90106
Abdel-Hamid, G.H., Yee-Hong Yang Electrostatic field-based detection of corners of planar curves 95832
Abdel-Kader, W.G. *see* Chen, L. 76069
Abdel-Magid, S. MINQUE and PSD-MINQMBE in the two way cross classification random effect model without interaction 91144
Abdel-Raheem, E., El-Guibaly, F., Antoniou, A. Design of low-delay FIR QMF banks using the Lagrange-multiplier approach 61801
Abdel-Raheem, E., El-Guibaly, F., Antoniou, A. Systolic implementation of fractional decimators and interpolators 92392
Abdel-Raheem, E., El-Guibaly, F., Tawfik, A. Systolic implementation of linear-phase FIR filters 92391

Abdel-Rahim, N., Quaicoe, J.E. A single-phase voltage-source utility interface system for weak AC network applications 68071
Abdel-Rahim, N., Quaicoe, J.E. Indirect current control scheme for a single-phase voltage-source utility interface inverter 100357
Abdel-Raouf, H.E. *see* Eib, E.-H.M.A. 94991
Abdel-Salam, H.H., Abdel-Gawad, N.M.K. Behaviour of transmission line towers under lightning surge conditions 99736
Abdel-Salam, M., Abdel-Aziz, E.Z. A new charge-simulation-based method for analysis of monopolar Poissonian fields 51148
Abdel-Salam, M., Abdel-Aziz, E.Z. A new calculation of monopolar ion-flow fields using charge simulation technique 73222
Abdel-Salam, M., Al-Hamouz, Z. Analysis of monopolar ionized field as influenced by ion diffusion 64085
Abdel-Salam, M., Al-Hamouz, Z. A universal finite-element analysis of the bipolar ionized field 68190
Abdel-Salam, M., Al-Hamouz, Z. Novel finite-element analysis of space-charge modified fields 94710
Abdel-Salam, M., Al-Shehri, A. Induced voltages on fence wires and pipelines by AC power transmission lines 59970
Abdel-Salam, M., Bakhashwain, J.M. Analysis of phase-controlled single-phase induction motors as influenced by core saturation 89987
Abdel-Salam, M.S., Soliman, F.A., Megahed, A.B. Microscopic and macroscopic modeling of electrostatic-based pesticide spray systems 64112
Abdel-Salam, T.S., Chikhani, A.Y., Hackam, R. A new technique for loss reduction using compensating capacitors applied to distribution systems with varying load condition 68200
Abdel-Wahab, H. *see* ZeinElDine, O. 65049
Abdel-Wahab, H.M., Gouda, M.G. Recall broadcast 96226
Abdelaziz, M.E., Awaad, Z., Zakhary, S.G., Abdel-Ghaffar, A.M. Use of electron gun to regulate the radio-frequency plasma performance and beam optics 53279
Abdelaziz, S. *see* Ashour, S.K. 61084
Abdeldayem, H. *see* Kukhtarev, N. 50977
Abdelhafez, M.E. *see* Ashour, S.K. 61084
Abdelmalek, N. *see* Sekita, I. 95935
Abdelmonem, A., Hui-Wen Yao, Zaki, K.A. Slit coupled E-plane rectangular T-junctions using single port mode matching technique 61879
Abdelmonem, A., Ji-Fuh Liang, Hui-Wen Yao, Zaki, K.A. Spurious free D.L. TE mode band pass filter 92480
Abdelmonem, A. *see* Hui-Wen Yao 83787
Abdelnour, G., Chand, S., Chiu, S., Kido, T. On-line detection and correction of Kalman filter divergence by fuzzy logic 57572
Abdelqader, I.M., Rajala, S.A., Snyder, W.E. Motion estimation from noisy image data 84989
Abdelsalam, M., Kustom, R. Superconducting magnet design for Fixed-Field Alternating-Gradient (FFAG) accelerator 76572
Abdelsayed, S. *see* Ionescu, D. 95830
Abderrahman, A., Kaminska, B., Savaria, Y. Estimation of simultaneous switching power and ground noise of static CMOS combinational circuits 49337
Abdi, H. *see* Valentin, D. 84635
Abdo-Tuko, M., Bertenburg, R., Wolff, L. A balanced Ka-Band GaAs FET MMIC frequency doubler 70931
Abdoerrachman, H. *see* Imaizumi, S. 51381
Abdou, G., Bhat, R., Stiharu, I. Process planning and scheduling of micromachined transducer 66170
Abdou, M.S.A., Xie, Z.W., Lowe, J., Holdcroft, S. Microlithography of π-conjugated polymers 81675
Abdou, M.S.A. *see* Lu, X. 93383
Abdou, S. *see* Ashry, H.A. 88582
Abdukadyrov, M., Akbarov, N.F., Ganiev, K. Investigation of the transmissibility of the GaP substrate in heterophotoconverters within the $0.5<\lambda<0.9$ μm spectral range 60460
Abdul Ridha, H.H. *see* Armstrong, S.R. 48955
Abdul-Aziz, M. *see* Botros, N.M. 61853
Abdul-Rahman, K.H., Saied, M.M. On the exact computation of some typical and dynamic phenomena in power networks including iron-core transformers 68003
Abdul-Rahman, K.H., Shahidehpour, S.M. Application of fuzzy sets to optimal reactive power planning with security constraints 53713
Abdul-Rahman, K.H., Shahidehpour, S.M. Applications of artificial intelligence to optimal VAR control in electric power systems 68148
Abdul-Rahman, K.H., Shahidehpour, S.M. Reactive power optimization using fuzzy load representation 77956
Abdul-Rahman, K.H., Shahidehpour, S.M. Application of fuzzy sets to optimal reactive power planning with security constraints 78030
Abdul-Rahman, K.H., Shahidehpour, S.M., Deeb, N.I. Effect of EMF on minimum cost power transmission 89321
Abdul-Ridha, H.H., Bateman, J.E., Fan, G.H., Pemble, M.E., Povey, I.M. Decomposition of cyanoethylphosphine, benzylphosphine, and cyclopentylphosphine during InP MOCVD growth studied by FTIR spectroscopy. Criteria for the design of organophosphine precursors 70136
Abdulghafour, M., Chandra, T., Abidi, M.A. Data fusion through fuzzy logic applied to feature extraction from multi-sensory images 51692
Abdulghafour, M. *see* Abidi, M.A. 74590
Abdulhadi, A.H. *see* Nam, N.S. 58765
Abdulhalim, I. Continuous phase-only or amplitude light modulation using ferroelectric liquid crystals with fixed boundary orientations 56459
Abdulhalim, I., Pannell, C.N., Jedrzejewski, K.P., Taylor, E.R. Cavity dumping of neodymium-doped fibre lasers using an acoustooptic modulator 94396
Abduljalil, A.M., Aletras, A.H., Robitaille, P.-M.L. Torque free asymmetric gradient coils for echo planar imaging 67531
Abdulla, A. *see* Kasai, A. 87410
Abdullaev, D., Amirsaidov, U. Modeling local area computer networks with consideration for time probabilistic characteristics 96659
Abdullaev, F.K., Darmanyan, S.A., Bischoff, S., Christiansen, P.L., Soransen, M.P. Modulational instability in optical fibers near the zero dispersion point 56344
Abdullaev, F.Kh. Modulation instability of electromagnetic waves in optical fibers with periodically modulated parameters 94070
Abdullaev, F.Kh., Abramov, R.M., Goncharov, V.I., Darmanyan, S.A. Soliton interactions in nonlinear directional couplers 94092
Abdullaev, G.B., Bakirov, M.Ya., Akhmedov, G.M., Safarov, N.A. Silicon solar cells with anti-reflection layers of Nd_2O_3 and $ZnS+Nd_2O_3$ 60461
Abdullaev, N. Relationship between the anomalous photovoltage of GaAs films and their structure 55556
Abdullah, A.S. Design and analysis of experimental X-band microwave multiplexers 70866
Abdullah, F., Finkelstein, L., Khan, S.H. Models in the design of sensors 97912
Abdullah, F., Finkelstein, L., Khan, S.H., Hill, W.J. Modelling in measurement and instrumentation 75823
Abdullah, F., Finkelstein, L., Khan, S.H., Hill, W.J. Modeling in measurement and instrumentation—an overview 86818
Abdullah, F. *see* Samaan, N.D. 66741
Abdullah, F. *see* Shan, S.H. 87597
Abdullah, H.A., Chatwin, C.R. Design and performance analysis of an optical profilometer for stand-off control 53055
Abdullah, H.A., Chatwin, C.R., Ming-Yaw Huang Performance of an optical stand-off control system for laser materials processing 90958
Abdullah, O.C. Telecommunications infrastructure: Is it a catalyst for growth in Malaysia? 96326
Abdullin, I.N., Bugaev, S.P., Efremov, A.M., Zorin, V.B., Koval'chuk, B.M., Kremnev, V.V., Loginov, S.V., Mesyats, G.A., Tolkachev, V.S., Shchanin, P.M. Electron accelerators based on vacuum-insulated Marx generators 54072
Abdulnour, J., Marchildon, L. Boundary elements and analytic expansions applied to H-plane waveguide junctions 70827
Abdulrahman, M., Sheikh, A.U.H., Falconer, D.D. Decision feedback equalization for CDMA in indoor wireless communications 65559
Abdulsabirov, R.Yu. *see* Dubinskii, M.A. 72718
Abdulwahab, A.K. *see* Gray, C.B. 100150
Abdurakhmanov, Yu.Yu. *see* Yunusov, M.S. 82839
Abe, C. *see* Yamada, A. 79032
Abe, D.K. *see* Miller, S.M. 62116
Abe, H., Kambayashi, N. A realization of linear circuits using operational transconductance amplifiers and grounded capacitors 61488
Abe, H., Motomura, Y., Kamimura, S., Yamaguchi, K. Double-window TV displays full-color images side by side 97599
Abe, H. *see* Arakawa, F. 70667
Abe, H. *see* Fukunaga, H. 63248
Abe, H. *see* Hamada, H. 93367
Abe, H. *see* Kashihara, K. 71898
Abe, H. *see* Larsen, J.E. 67294
Abe, H. *see* Murakami, Y. 63050
Abe, H. *see* Takai, A. 52558
Abe, H. *see* Toda, F. 50400
Abe, H. *see* Zhongmin Wen 82364
Abe, I. *see* Ohsawa, S. 76312
Abe, K. The TRISTAN II project 87620
Abe, K., Antilogus, P., Aston, D., Baird, K., Bean, A., Ben-David, R., Bienz, T., Bird, F., Caldwell, D.O., Cavalli-Sforza, M., Coller, J., Coyle, P., Coyne, D., Dasu, S., Dolinsky, S., D'Oliveira, A., Duboscq, J., Dunwoodie, W., Hallewell, G., Hasegawa, K., Hasegawa, Y., Huber, J., Iwasaki, Y., Jacques, P., Johnson, R.A., Kalelkar, M., Kawahara, H., Kwon, Y., Leith, D.W.G.S., Liu, X., Lu, A., Manly, S., Martinez, J., Mathys, L., McHugh, S., Meadows, B., Muller, G., Muller, D., Nagamine, T., Nussbaum, M., Pavel, T.J., Plano, R., Ratcliff, B., Rensing, P., Santha, A.K.S., Schultz, D., Shank, J.T., Shapiro, S., Simopoulous, C., Snyder, J., Sokoloff, M.D., Solodov, E., Stamer, P., Stockdale, I., Suekane, F., Toge, N., Turk, J., Va'vra, J., Whitaker, J.S., Williams, D.A., Williams, S.H., Willocq, S., Wilson, R.J., Word, G., Yellin, S., Yuta, H. Results from the SLD barrel CRID detector 88115
Abe, K., Sugimoto, J., Kajimoto, M. Uncertainties remaining in severe accident phenomena and related research activities at JAERI 89485
Abe, K. *see* Antilogus, P. 59064
Abe, K. *see* Antilogus, P. 59127
Abe, K. *see* Held, A. 57863
Abe, K. *see* Held, A. 64700
Abe, K. *see* Held, A. 64828
Abe, K. *see* Hoshi, Y. 88113
Abe, K. *see* Kokaku, Y. 50311
Abe, K. *see* Konishi, E. 67658
Abe, K. *see* Masuda, K. 67337
Abe, K. *see* Sakamoto, M. 59077
Abe, K. *see* Takebe, M. 67311
Abe, K. *see* Uchida, S. 99725
Abe, M. Technical adaptations for trimmer capacitors aim at matching diverse user needs 70951
Abe, M., Otsuzuki, N., Emura, T., Takeuchi, M. Fault location technique for multi-terminal transmission lines 89396
Abe, M., Otsuzuki, N., Emura, T., Takeuchi, M. Development of a new fault location system for multi-terminal single transmission lines 89406
Abe, M. *see* Hashimoto, T. 52736
Abe, M. *see* Kamli, M. 60622
Abe, M. *see* Malo, B. 63443
Abe, M. *see* Mizuno, H. 73879
Abe, M. *see* Shiino, H. 85950
Abe, M. *see* Tsuchiya, T. 50312
Abe, M. *see* Tsunashima, H. 100870
Abe, M. *see* Yamaji, T. 63141
Abe, N., Ushigami, U., Iwasaki, M., Nozawa, T. Magnetic properties and domain structures in primary recrystallized thin-gauge Si-Fe with orientation near (110)[001] 72047
Abe, N. *see* Inaba, H. 56213
Abe, N. *see* Kakusho, K. 84617
Abe, N. *see* Sakamoto, Y. 54010
Abe, S. *see* Izuta, G. 92852
Abe, S. *see* Tsuji, K. 89397
Abe, S.-I. *see* Nomoto, M. 56393
Abe, T., Nakazato, Y. Thinned silicon layers on oxide film, quartz and sapphire by wafer bonding 49909
Abe, T. *see* Amaike, S. 68475
Abe, T. *see* Hashimoto, O. 51073
Abe, T. *see* Hashimoto, O. 87457
Abe, T. *see* Ikeda, T. 50743
Abe, T. *see* Itoh, H. 60439
Abe, T. *see* Mugikura, Y. 90375
Abe, T. *see* Nagamine, F. 100678
Abe, T. *see* Nobuhara, H. 72906
Abe, T. *see* Ohno, K. 56527
Abe, T. *see* Sato, T. 97422
Abe, T. *see* Sengoku, M. 86193
Abe, T. *see* Shimada, K. 75354
Abe, T. *see* Taka, M. 96267
Abe, T. *see* Tazawa, S. 62490
Abe, T. *see* Yamaguchi, Y. 58491
Abe, T. *see* Yamamoro, M. 90674
Abe, T. *see* Zhu, Z. 91432
Abe, Y. Simulation of negative resistance and current instabilities in a p-i-n Si diode 62677
Abe, Y., Tadokoro, Y. On-line processing local navigations system for humans 88561
Abe, Y. *see* Hamada, Y. 59041
Abe, Y. *see* Kasuga, T. 61422
Abe, Y. *see* Nara, S. 50957
Abe, Y. *see* Saito, M. 53519
Abe, Y. *see* Suzuki, Y. 78920
Abeck, S. Implementing OSI and Internet managed object libraries 96643
Abed, E.H. *see* Wang, H.O. 53703
Abed, E.H. *see* Wang, H.O. 59852
Abed, M. *see* Zondy, J.J. 94643
Abel, A., van Eekelen, J. Dynamic water sensitivity of U-V acrylate inks and matrix coating, and its relationship to the water soak performance of optical fibre ribbons 52522
Abel, H.B., Zimmer, G. Performance issues of SOI CMOS circuits at low supply voltages 93640
Abel, J. *see* Chaffee, J. 58511
Abel, J. *see* Chaffee, J. 65987
Abel, J. *see* Chaffee, J. 97182
Abel, J.S. A variable projection method for additive components with application to GPS 73965
Abel, S., Freimuth, H., Lehr, H., Mensinger, H. Defined crystal orientation of nickel by controlled microelectroplating 79872
Abel, T., Harrington, J.A., Foy, P.R. Optical properties of hollow calcium aluminate glass waveguides 72298
Abel, T., Hirsch, J., Harrington, J.A. Hollow glass waveguides for broadband infrared transmission 72370
Abel, T. *see* Matsuura, Y. 94132
Abel Alim, O. *see* El-Shennawy, K.M. 93858
Abela, R., Baines, C., Donath, X., Herlach, D., Maden, D., Reid, I.D., Renker, D., Solt, G., Zimmermann, U. The μSR facilities at PSI 76400
Abelard, P. *see* Smith, A. 49777
Abele, M.G. Equivalent structures of permanent magnets and electric currents designed to generate uniform fields 72177

Abele, M.G., Rusinek, H., Bertora, F. Field distortion caused by magnetization tolerances of permanent magnets 50382
Abele, M.G., Rusinek, H., Bertora, F., Trequattrini, A. Compensation of field distortion with ferromagnetic materials and permanent magnets 73224
Abeledo, H.G., Rothblum, U.G. Stable matchings and linear inequalities 91307
Abella Garcia, A. *see* Carpintero del Barrio, G. 50802
Abellan, J. *see* Arenas, A. 52759
Abellard, P. *see* Balmat, J. 49595
Abello, L. *see* Fayette, L. 70086
Abello, L. *see* Fontaine, F. 70120
Abelmann, L., Kambersky, V., Lodder, C., Popma, T.J.A. Analysis of torque measurements on films with oblique anisotropy 53028
Abeln, G. *see* Fay, P. 62469
Abelson, J.R., Mandrell, L., Doyle, J.R. Hydrogen release kinetics during reactive magnetron sputter deposition of a-Si:H: an isotope labeling study 79905
Abelson, J.R. *see* Liang, Y.H. 91616
Abelson, J.R. *see* Nuruddin, A. 79882
Abelson, J.R. *see* Yang, S.-Y. 90448
Abelson, J.R. *see* Yang, Y.H. 79956
Abercrombie, D.A. A case study of cooperative university/government/industry education and research 54346
Aberer, K., Klas, W. Supporting temporal multimedia operations in object-oriented database systems 58044
Aberg, A. Measurements of charge formation in dielectric liquids in a cylindrical geometry 82129
Aberg, E., Cocke, B., Soderberg, I., Westlander, G. The outcome of experimentation with flexible working hours 65212
Aberg, E. *see* Cocke, B. 65211
Aberg, E. *see* Westlander, G. 65213
Aberg, M.H. Size limits of non-split and split ACTFEL-displays 52987
Abergel, A. *see* Perault, M. 52956
Aberl, F., Wolf, H., Kosslinger, C., Drost, S., Woias, P., Koch, S. HIV serology using piezoelectric immunosensors 59251
Aberle, A.G., Glunz, S.W., Stephens, A.W., Green, M.A. High efficiency silicon solar cells: Si/SiO_2 interface parameters and their impact on device performance 100757
Aberle, A.G., Heiser, G., Green, M.A. Two-dimensional numerical optimization study of the rear contact geometry of high-efficiency silicon solar cells 69001
Aberle, A.G., Heiser, G., Green, M.A. Two-dimensional minority carrier flow in high-efficiency silicon solar cells at short-circuit, open-circuit and maximum power point operating conditions 100569
Aberle, A.G., Wenham, S.R., Green, M.A. A new method for accurate measurements of the lumped series resistance of solar cells 100625
Aberle, A.G. *see* Robinson, S.J. 90394
Aberle, A.G. *see* Stephens, A.W. 71227
Aberle, J.T., Pozar, D.M., Manges, J. Phased arrays of probe-fed stacked microstrip patches 73543
Aberle, J.T., Zavosh, F. Analysis of probe-fed circular microstrip patches backed by circular cavities 51252
Aberle, J.T. *see* Zavosh, F. 51258
Abernathy, C.R., Pearton, S.J., Ren, F., Hobson, W.S., Wisk, P.W. Comparison of intrinsic and extrinsic carbon doping sources for GaAs and AlGaAs grown by metalorganic molecular beam epitaxy 93137
Abernathy, C.R., Ren, F., Pearton, S.J. Implant isolation and dry etching of InN 55824
Abernathy, C.R. *see* Bharatan, S. 91489
Abernathy, C.R. *see* Fu, S.T. 92527
Abernathy, C.R. *see* Pearton, S.J. 49891
Abernathy, C.R. *see* Pearton, S.J. 49906
Abernathy, C.R. *see* Pearton, S.J. 55723
Abernathy, C.R. *see* Pearton, S.J. 55788
Abernathy, C.R. *see* Pearton, S.J. 55801
Abernathy, C.R. *see* Pearton, S.J. 62483
Abernathy, C.R. *see* Pearton, S.J. 63855
Abernathy, C.R. *see* Pearton, S.J. 71318
Abernathy, C.R. *see* Pearton, S.J. 71319
Abernathy, C.R. *see* Pearton, S.J. 71390
Abernathy, C.R. *see* Pearton, S.J. 81219
Abernathy, C.R. *see* Ren, F. 56026
Abernathy, C.R. *see* Ren, F. 71594
Abernathy, C.R. *see* Ren, F. 93351
Abernathy, C.R. *see* Wisk, P.W. 48949
Abernathy, C.R. *see* Yang, L.W. 55930
Abernathy, C.R. *see* Yang, L.W. 62715
Abernathy, C.R. *see* Zavada, J.M. 55707
Abey, W. *see* Khandavalli, C. 80866
Abeyratne, S.G., Lipo, T.A., Murai, Y., Horikawa, J. Current clamped, modified series resonant DC-link power converter for a general purpose induction motor drive 68798
Abgaldaev, S.I., Modenov, V.P. Mathematical modeling of the electromagnetic radiation from a horn 83810
Abhinandan, L. *see* Nath, A.K. 72674
Abi-Ezzi, S.S., Subramaniam, S. Fast dynamic tessellation of trimmed NURBS surfaces 79660
Abid, Z., McAlister, S.P., McKinnon, W.R. GaInP/GaAs heterostructure bipolar transistors with high gain and high breakdown voltages 62726
Abid, Z., McAlister, S.P., McKinnon, W.R., Guzzo, E.E. Temperature dependent DC characteristics of an InP/InGaAs/InGaAsP HBT 62685
Abid, Z. *see* McAlister, S.P. 81814
Abid, Z. *see* McKinnon, W.R. 55924
Abidi, A.A. *see* Chang, G. 91932
Abidi, A.A. *see* Chang, J.Y.-C. 70315
Abidi, A.A. *see* Pai, P. 70732
Abidi, A.A. *see* Pai, P.K.D. 49577
Abidi, A.A. *see* Rofougaran, M. 70313
Abidi, M.A., Abdulghafour, M., Chandra, T. Fusion of visual and range features using fuzzy logic 74590
Abidi, M.A. *see* Abdulghafour, M. 51692
Abiko, H. *see* Georgiou, G.E. 55681
Abiko, H. *see* Mizuno, M. 70426
Abiko, H. *see* Suzuki, K. 92288
Abileah, A. *see* Thomsen, S.V. 77149
Abiri, H. *see* Honarvar, V. 62110
Abiri, H. *see* Rahnavard, M.H. 50907
Abiven, J., Bourgart, F., Rahyer, A., Nakajima, H., Semo, J. Review of low-cost optimizations for passive optical distribution systems and associated optoelectronic components 52540
Abiven, J. *see* Gibassier, C. 52535
Abiven, J. *see* Gibassier, C. 75396
Ablameyko, S., Bereishik, V., Paramonova, N., Marcelli, A., Ishikawa, S., Kato, K. Vectorization and representation of large-size 2-D line-drawing images 84847
Ables, B. Microwave modules attaining and retaining hermeticity 79390
Abliz, M. *see* Takeuchi, T. 87447
Abney, S. *see* Brothers, L. 96563
Abo-Elsoud, A.M. *see* Zayed, H.A. 62203
Abo-Taleb, S. *see* Ghoneim, M.Z. 77824
Aboelfotoh, M.O., Marwick, A.D., Freeouf, J.L. Effect of interfacial hydrogen in $CoSi_2/Si(100)$ Schottky-barrier contacts 55647
Aboelfotoh, M.O. *see* Lin, C.L. 93505
Aboites, V. *see* Soan, P.J. 63903
Abom, M. *see* Okamoto, Y. 99309
Abott, R. *see* Adachi, R. 88218
Abou chahine, S., Huyart, B., Bergeault, E., Jallet, L. Measurement performance of a millimetric dual six-port network analyzer in the W frequency band (75-110 GHz) 87472
Abou El-Ela, M. *see* Khan, A.A. 92369
Abou El-fadl, A. *see* El-Kordy, M. 92495
Abou El-Khier, A.A. Alpha-particle track registration in polymer Cr-39 exposed to ultraviolet radiation 88082
Abou Elwaffa, M.S. *see* Eldallal, G.M. 90446
Abou-Allam, E., El-Masry, E.I. High CMRR CMOS current operational amplifier 61584
Abou-Arrage, G., Merritt, I., Patel, H., Woodman, C. Making the journey to enterprise networking 65520
Abou-Elela, M., Alolah, A.I. A novel self-adjusting firing circuit for phase angle control applications 91890
Abou-Elfotouh, F.A., Kazmerski, L.L., Wangensteen, T., Ashour, S., Moutinho, H.R. Electrooptical and structural properties of polycrystalline CdTe thin films for solar cells 90393
Abou-Elfotouh, F.A., Moutinho, H.R., Hasoon, F.S., Ahrenkiel, R.K., Levi, D., Kazmerski, L.L. Effects of processing on the properties of polycrystalline CDTE grown by various deposition techniques 100508
Abou-Elfotouh, F.A. *see* Moutinho, H.R. 93105
Abou-Elnour, A., Schuenemann, K. Closed-form calculations of two-dimensional scattering rates in semiconductor heterostructures 81327
Abou-Fakher, Y. *see* Peyton, A.J. 61570
Aboudihab, I., Gilabert, A., Azema, A., Roustan, J.C. Bolometric photoresponse of a $YBa_2Cu_3O_{7-\varepsilon}$ superconducting thin film to infrared radiation 63551
Aboudihab, I., Gilabert, A., Azema, A., Roustan, J.C., Schwerdtfeger, M., Villegier, J.C. Bolometric photoresponse of superconducting $YBa_2CU_3O_{7-x}/La_2CuO_4$ multilayers to infrared radiation 66348
Aboul-Enein, S. *see* Hassan, G.E. 61378
Aboul-Enein, S. *see* Hassan, G.E. 69005
Aboulenein, N.M., Goodman, J.R., Gjessing, S., Woest, P.J. Hardware support for synchronization in the Scalable Coherent Interface (SCI) 58109
Aboulhouda, S. *see* Mosser, V. 66195
Aboulhouda, S. *see* Mosser, V. 66245
Aboulnasr, T., Hage, M., Sayar, B., Aly, S. Characterization of a symbol rate timing recovery technique for a 2B1Q digital receiver 52218
Aboulnasr, T. *see* Laichi, F. 84313
Aboulnasr, T. *see* Wang, L. 85571
Abousalem, M.A., McLellan, J.F., Krakiwsky, E.J. A new technique for quality control in GPS kinematic positioning 65983
Abousalem, M.A. *see* McLellan, J.F. 65996
Abousleman, G.P., Gifford, E., Hunt, B.R. Enhancement and compression techniques for hyperspectral data 84754
Abouzahra, M.D., Avent, R.K. The 100-kW millimeter-wave radar at the Kwajalein Atoll 52635
Abovian, H.V. *see* Poghossian, A.S. 58877
Abplanalp, M., Berger, C., Czapek, G., Diggelmann, U., Furlan, M., Gabutti, A., Janos, S., Moser, U., Pozzi, R., Pretzl, K., Schmiemann, K. Superheated superconducting granule detectors for dark matter 53309
Abraham, J. *see* de Angel, E. 92038
Abraham, J.A. *see* Bitner, J. 70372
Abraham, J.A. *see* Chatterjee, A. 92157
Abraham, J.A. *see* Hoskote, Y.V. 49263
Abraham, J.A. *see* Levitt, M.E. 55218
Abraham, J.A. *see* Nagi, N. 92036
Abraham, J.A. *see* Saab, D.G. 92143
Abraham, J.A. *see* Thomas, T. 49234
Abraham, K.M. *see* Alamgir, M. 54141
Abraham, M. *see* Bauer, H.-D. 82702
Abraham, N.B. *see* Balle, S. 56781
Abraham, N.B. *see* Chen, Z. 94579
Abraham, R.C., Freeman, R.C., Jr. Overview of the removable-media mass storage market 72127
Abraham, R.G., Valdes, F., Yee, H.K.C., van den Bergh, S. The morphologies of distant galaxies. I. An automated classification system 84718
Abraham, S. *see* Gilboa, P. 99091
Abraham, T. *see* Chang, W.H. 49887
Abraham, T. *see* Chang, W.I. 93229
Abraham, T. *see* Lau, W.M. 93031
Abraham, U., Magidor, M. On the mutual-exclusion problem—a quest for minimal solutions 74701
Abraham-Fuchs, K. *see* Strobach, P. 67536
Abrahams, J. Huffman-type codes for infinite source distributions 57403
Abrahams, J. Parallelized Huffman and Hu-Tucker searching 69776
Abrahams, J. Codes with monotonic codeword lengths 95159
Abrahams, M.S., Rushton, A. Translation of VHDL for logic synthesis 92066
Abrahamson, S. Preattach adhesion of high-profile devices [PCB] 80999
Abrahamson, S. *see* Strifors, H.C. 58476
Abrahamsson, K., Andler, G., Bagge, L., Beebe, E., Carle, P., Danared, H., Ehrnsten, K., Engstrom, M., Engstrom, A., Herrlander, C.J., Hilke, J., Jeansson, J., Kallberg, A., Leontein, S., Liljeby, L., Nilsson, A., Paal, A., Pikin, A., Rensfelt, K.-G., Rosengard, U., Starker, J., af Ugglas, M. The first year with electron cooling at CRYRING 76307
Abram, I. *see* Grangier, P. 52583
Abram-Profeta, E. *see* Zheng, Q. 74704
Abrami, A., Alfe, D., Antonini, S., Bernardini, M., Bertolo, M., Bocchetta, C.J., Bulfone, D., Cargnello, F., Darclon, F., Di Fonzo, S., Fontana, S., Galimberti, A., Giannini, M., Jark, W., Massarotti, A., Mazzolini, F., Puglisi, M., Richter, R., Rindi, A., Rosei, R., Rubbia, C., Tommasini, D., Savoia, A., Viani, G., Walker, R.P., Wrulich, A., Coluzza, C., dell'Orto, T., Gozzo, F., Margaritondo, G., De Stasio, G., Perfetti, P., Gentili, M., Ciotti, M.T., Mercanti, D., Fonda, L. First experimental tests at the new synchrotron radiation facility ELETTRA in Trieste 98715
Abramo, A., Baudry, L., Brunetti, R., Castagne, R., Charef, M., Dessenne, F., Dollfus, P., Dutton, R., Engl, W.L., Fauquembergue, R., Fiegna, C., Fischetti, M.V., Galdin, S., Goldsman, N., Hackel, M., Hamaguchi, C., Hess, K., Hennacy, K., Hesto, P., Higman, J.M., Iizuka, T., Jungemann, C., Kamakura, Y., Kosina, H., Kunikiyo, T., Laux, S.E., Hongchin Lin, Maziar, C., Mizuno, H., Peifer, H.J., Ramaswamy, S., Sano, N., Scrobohaci, P.G., Selberharr, S., Takenaka, M., Ting-Wei Tang, Taniguchi, K., Thobel, J.L., Thoma, R., Tomizawa, K., Tomizawa, M., Vogelsang, T., Shiuh-Luen Wang, Xiaolin Wang, Chiang-Sheng Yao, Yoder, P.D., Yoshii, A. A comparison of numerical solutions of the Boltzmann transport equation for high-energy electron transport silicon 81195
Abramo, A., Venturi, F., Sangiorgi, E., Fiegna, C., Ricco, B. Device simulation of small silicon MOSFET's using the Monte Carlo method 62629
Abramov, A.A., Bubnov, M.M., Dianov, E.M., Semjonov, S.L., Shchebunjaev, A.G., Kol'chenko, L.A., Gurjanov, A.N., Khopin, V.F. Loss reduction by additional fluorine doping in silica-germanium single-mode fibres 56335
Abramov, A.V., Deryagin, N.G., Tret'yakov, D.N., Faleev, N.N. Parameters of GaAs films grown on Si substrates by liquid phase epitaxy 54911
Abramov, A.V., Deryagin, N.G., Tretyakov, D.N. Growth of GaAs and $(Ge_2)_x(GaAs)_{1-x}$ on Si using ultrafast cooling of the growth solution 91468
Abramov, R.M. *see* Abdullaev, F.Kh. 94092
Abramovic, B. New technologies of coal combustion 53921
Abramovic, Z., Rancic, D. Power supply system BZABA 501 for 220 VDC loads 90185
Abramovich, Yu.I. *see* Evstratov, F.F. 53583

Abramovici, M., Klussmann, N. Graphical user interface style guide for mobile communication services 96550

Abramowicz, A. *see* Adamski, M.E. 94801

Abramowski, S., Elixmann, M., Kehne, A., Klabunde, K., Konrads, U. Concepts for service management by end users 96842

Abrams, B. *see* Kadar, I. 75522

Abrams, R.H., Jr. The Microwave Power Module: a 'supercomponent' for radar transmitters 65914

Abramson, I. OCXO design using composite-heating of the crystal resonator 50158

Abramson, N. Multiple access in wireless digital networks 85267

Abramson, P. *see* Koenke, E. 77131

Abrantes, A.J. *see* Marques, J.S. 64382

Abrash, V. *see* Franco, H. 73782

Abrashoff, J.D. *see* Makowitz, H. 87937

Abratowski, E. *see* Marieb, T.N. 62535

Abreu, G.N.de *see* de Abreu, G.N.

Abrhan, I., Satko, L. r-systems of unary algebras. I 91166

Abrhan, I., Satko, L. r-systems of unary algebras. II 91167

Abrishamian, M.S. *see* Sadeghzadeh, R.A. 51227

Abroal, C.V. *see* Chawla, M.P.S. 100834

Abrokwah, J.K., Huang, J.H., Ooms, W., Hallmark, J.A. Anisotype-gate self-aligned p-channel heterostructure field-effect transistors 61946

Abrosimova, V.N. *see* Krutenyuk, Yu.V. 62678

Abry, P., Flandrin, P. On the initialization of the discrete wavelet transform algorithm 51432

Abry, P., Goncalves, P., Flandrin, P. Wavelet-based spectral analysis of 1/*f* processes 84258

Abs, M. *see* Jongen, Y. 59011

Absenger, A. Rehabilitation of industrial power plants 78269

Absi, A.E., Stewart, J.J., Weaver, S.K. Landing aid in fog for runways 67675

Absillis, L., Goossens, M. Advanced protocol analysers 85328

Abstreiter, G. Silicon/germanium quantum structures 93019

Abstreiter, G. *see* Holzmann, M. 93497

Abstreiter, G. *see* Tobben, D. 93001

Abt, N.E., Misic, P., Zehngut, D., Regan, E. High frequency fatiguing of ferroelectric capacitors 82181

Abu-Amara, H., Gummadi, V. New model and algorithms for leader election in synchronous fiber-optic networks 75455

Abu-Amara, H., Lokre, J. Election in asynchronous complete networks with intermittent link failures 65194

Abu-Amara, H. *see* Kin Shing Ho 75052

Abu-Amara, H. *see* Morales, F.A. 85716

Abu-Dayya, A.A., Beaulieu, N.C. Outage probabilities in the presence of correlated lognormal interferers 52412

Abu-Dayya, A.A., Beaulieu, N.C. Microdiversity on Rician fading channels 65680

Abu-Dayya, A.A., Beaulieu, N.C. Error rates and outage analysis of diversity MBPSK on shadowed frequency-selective fading channels 95078

Abu-Dayya, A.A., Beaulieu, N.C. Micro- and macrodiversity NCFSK (DPSK) on shadowed Nakagami-fading channels 97067

Abu-Dayya, A.A., Beaulieu, N.C. Analysis of switched diversity systems on generalized-fading channels 97155

Abu-Dayya, A.A. *see* Beaulieu, N.C. 73596

Abu-Dayya, A.A. *see* Beaulieu, N.C. 95067

Abu-Dayya, A.A. *see* Beaulieu, N.C. 95076

Abu-El-Haija, A.I., Al-Ibrahim, M.M., Al-Jarrah, M.A. Recursive digital sine wave oscillators using the TMS32010 DSP 91947

Abu-Jarad, F. A comparison between SR-90 and two types of CR-39 nuclear track detectors 88199

Abu-Jarad, F. *see* Al-Jarallah, M.I. 88200

Abu-Jaradeh, N., Powers, D.L. Heat conduction on graphs 79565

Abu-Khater, I.S. *see* Bellaouar, A. 61648

Abu-Rgheff, M. *see* Bhatoolaul, D. 52456

Abu-Saymeh, D.S. *see* Obaidat, M.S. 59350

Abu-Saymeh, D.S. *see* Obaidat, M.S. 99354

Abubakar, A. *see* Hosny, W.M. 100148

Abud, D. *see* Canales, F. 100363

Abud Filho, E., Branco, M.G.C., Pereira, L.C.P., Nakamura, M.M. ANRAD—ANntennas for RAdio digital links at 4 and 6 GHz bands 86053

Abuelma'atti, M.H. A simple method for estimating the spectrum of experimentally obtained sample and hold waveforms 51512

Abuelma'atti, M.T. Harmonic and intermodulation performance of nonlinear optical directional couplers 50953

Abuelma'atti, M.T. Approximations for Fermi-Dirac integrals $F_j(x)$ 61063

Abuelma'atti, M.T. Modelling of uniformly distributed RC lines loaded by series RC combinations 61490

Abuelma'atti, M.T. Carrier and intermodulation performance of limiters excited by multicarriers 73381

Abuelma'atti, M.T. Current-mode multiphase oscillator using current followers 80178

Abuelma'atti, M.T. Harmonic and intermodulation generation in GaAs, InP, InGaAs and Si semiconductors 81239

Abuelma'atti, M.T. Modelling of nonuniform RC structures for computer aided design 91858

Abuelma'atti, M.T. Novel CCI-OTA-based grounded capacitor current-mode biquadratic bandpass and lowpass filters 92365

Abuelma'atti, M.T., Al-Ali, A.-R.K., Al-Odah, A.O. A novel sinusoidal frequency divider 80508

Abuelma'atti, M.T. *see* Al-Ali, A.R. 61599

Abulma'atti, M.T. Simple method for calculating Fourier coefficients of experimentally obtained waveforms 52777

Aburas, R. *see* Hammad, M. 78275

Aburatani, H., Harada, S., Uchino, K., Furuta, A., Fuda, Y. Destruction mechanisms in ceramic multilayer actuators 71908

Aburdene, M.F., Dorband, J.E. Unification of Legendre, Laguerre, Hermite, and binomial discrete transforms using Pascal's matrix 54768

Abury, M. *see* Rao, N.A.H.K. 99359

Abushagur, M.A.G. Spatially multiplexed composite filters for optical pattern recognition 57672

Abushagur, M.A.G. *see* Bouzid, A. 58801

Abuzahra, B. *see* Hammad, M. 78275

Abuzeid, S. Comparing particulate contamination in conventional and minienvironment-based operating cleanrooms 62938

Acampora, A. Toward an all-optical telecommunications infrastructure 86374

Acampora, A. *see* Zhensheng Zhang 65767

Acampora, A.S., Naghshineh, M. Control and quality-of-service provisioning in high-speed/microcellular networks 65602

Acampora, A.S., Naghshineh, M. An architecture and methodology for mobile-executed handoff in cellular ATM networks 97057

Acampora, A.S. *see* Elby, S.D. 51772

Acampora, A.S. *see* Labourdette, J.-F.P. 97354

Acampora, A.S. *see* Zhensheng Zhang 86350

Acati, G. *see* Fiore, L. 98893

Accatino, L., Bertin, G. Design of coupling irises between circular cavities by modal analysis 70834

Accatino, L. *see* Piovano, B. 80150

Acchione, P.N. *see* Chou, Q.B. 53912

Acciarri, M. *see* Acerboni, S. 81196

Acebal, R. Evaluation of varied diffuser performance applicable to chemical laser pressure recovery systems 94335

Acedo Gallardo, P. *see* Carpintero del Barrio, G. 50802

Acef, O., Hilico, L., Bahoura, M., Nez, F., De Natale, P. Comparison between MIM and Schottky diodes as harmonic mixers for visible lasers and microwave sources 73020

Acef, O., Nez, F., Rovera, G.D. Optical heterodyning with a frequency difference of 1 THz in the 850-nm range 87572

Acef, O., Rovera, G.D., Nez, F. Broadband frequency measurement in the near infrared using point contact Schottky diode 87418

Acef, O. *see* Millerioux, Y. 86877

Acef, O. *see* Touahri, D. 86883

Acerbi, E., Alessandria, F., Arcioni, P., Baccaglioni, G., Barletta, W.A., Bellomo, G., Birattari, C., Bonifacio, R., Boscolo, I., Bosotti, A., Broggi, F., Bressan, M., Conciauro, G., Corsini, R., de Salvo, L., Gemme, G., Giove, D., Maroli, C., Parodi, R., Pierini, P., Piovella, N., Pullia, M., Rivoltella, G., Rossi, L., Stagno, V., Variale, V., Varisco, G. The revised ELFA project 63871

Acerbi, E., Ambrosio, G., Rossi, L., Volpini, G. A detailed experimental investigation on the E-J characteristics of NbTi filaments and comparison with theoretical models 89295

Acerbi, E., Bona, M., Leroy, D., Perin, R., Rossi, L. Development and fabrication of the first 10 m long superconducting dipole prototype for the LHC 76344

Acerboni, S., Pizzini, S., Binetti, S., Acciarri, M., Pichaud, B. Effect of oxygen aggregation processes on the recombining activity of 60° dislocations in Czochralski grown silicon 81196

Acero, A. *see* Villarrubia, L. 84067

Acero, M.C. *see* Merlos, A. 87084

Acevedo, A.M., Cruz, G.C. Minority carrier lifetime measurement in solar cells 90398

Aceves, A.B., Capobianco, A.D., Costantini, B., De Angelis, C., Nalesso, G.F. Beam dynamics in nonlinear coupled slab waveguides: three-dimensional variational analysis 72375

Aceves, A.B., De Angelis, C., Luther, G.G., Rubenchik, A.M. Modulational instability of continuous waves and one-dimensional temporal solitons in fiber arrays 83272

Aceves-Mijares, M., Sandoval-Ibarra, F. Silicon pressure sensors: a review 87078

Aceves-Saborio, S., Nakamura, H., Reistad, G.M. Optimum efficiencies and phase change temperatures in latent heat storage systems 54162

Acha, E. A quasi-Newton algorithm for the load flow solution of large networks with FACTS-controlled branches 99637

Acha, J.I. Group delay of bounded complex digital transfer functions 80021

Acha, V., Carrasco, R.A. Multiple trellis codes for Q^2PSK signals on fading channels 57345

Acha, V., Carrasco, R.A. Trellis coded Q^2PSK signals. I. AWGN and nonlinear satellite channels 64301

Acha, V., Carrasco, R.A. Trellis coded Q^2PSK signals. 2. Land mobile satellite fading channels 64302

Achard, P. *see* Metkemeijer, R. 60427

Achard, P. *see* Metkemeijer, R. 60436

Acharya, A. *see* Badrinath, B.R. 65070

Acharya, G.N. *see* Walivadekar, V.N. 100095

Acharya, K.V. *see* Chatterjee, R. 75842

Acharya, R. *see* Archibald, J.B. 59469

Acharya, R. *see* Yao, Y. 64633

Acharya, T.K., Bhattacharya, K., Ghosh, A. Optical processing using a birefringence-based spatial filter 57757

Achatz, V., Eichinger, S., Greil, A., Haltenorth, H., Muller, G., Muller-Nawrath, R., Sauer, B., Schienle, M., Stoll, L., Taumberger, F., Thulke, W., Wenger, G., Westermeier, H., Wolff, U. Integrated optical switches on InP for network configuration and distribution 94315

Ache, H.-J. *see* Burck, J. 58799

Ache, H.J. *see* Althainz, P. 52965

Ache, H.J. *see* Althainz, P. 52966

Ache, H.J. *see* Althainz, P. 98174

Ache, H.J. *see* Heinzmann, G. 58666

Ache, H.J. *see* Morales-Bahnik, A. 66544

Achenbach, E. Three-dimensional and time-dependent simulation of a planar solid oxide fuel cell stack 60440

Achenbach, J.D. *see* Huang, J. 55005

Acher, O., Vermeulen, J.L., Jacquart, P.M., Fontaine, J.M., Baclet, P. Permeability measurement on ferromagnetic thin films from 50 MHz up to 18 GHz 98267

Acheroy, M. *see* Perneel, C. 52952

Achter, D.Van *see* Van Achter, D.

Achyuthan, A., Elmasry, M.I. Mixed analog/digital hardware synthesis of artificial neural networks 80530

Achyutuni, K.J. *see* Yann-Hang Lee 65021

Acimovic-Janezic, R. *see* Rozman, J. 59416

Acken, J.M. *see* Millman, S.D. 49352

Acken, J.M. *see* Sehgal, N.K. 49063

Acken, J.M. *see* Sehgal, N.K. 92174

Acken, J.M. *see* Wu, Q. 91753

Acker, B., Sullivan, C.R., Sanders, S.R. Current-controlled synchronous rectification 61521

Acker, B. *see* Chaofu Kao 100132

Ackerman, A. Biocybernetic approach for studying holography as an artistic medium 56986

Ackerman, D.A., Morton, P.A., Kazarinov, R.F., Tanbun-Ek, T., Logan, R.A. Analysis of T_0 in 1.3 μm multi-quantum well and bulk active lasers 56810

Ackerman, E.I. *see* MacDonald, J.A. 86455

Ackerman, G.D. *see* Kwan, J.W. 76727

Ackerman, J. *see* McCartney, R. 77146

Ackerman, R.E. *see* Tilton, D.E. 91084

Ackermann, G.K. *see* Eichler, J. 56957

Ackland, B. The role of VLSI in multimedia 52265

Ackland, B. The role of VLSI in multimedia 74828

Ackland, B.D. *see* Meng-Lin Yu 91821

Acklin, B. *see* Wenger, G. 97344

Ackmann, P., Brown, S., Edwards, R. Wide field variable NA lens analysis for high volume 0.5 micron manufacturing 71511

Ackmann, P., Brown, S., Edwards, R., Oshelski, S. Manufacturing engineering use of data management to analyze and control stepper performance in existing fabs and on stepper evaluations for new tools 69544

Acko, B., Sostar, A., Pogorevc, B., Druzovec, M. Measuring error minimisation in design of new measuring devices 75846

Acko, B. *see* Pogorevc, B.S. 75847

Ackovski, R. *see* Rajicic, D. 68210

Acosta, E., Iga, K. Design of a wavelength multiplexer-demultiplexer by the use of planar microlenses 65774

Acosta, F.M.Aparicio *see* Aparicio Acosta, F.M.

Acosta, G.G.L. *see* Alonso, C.J.G. 87027

Acosta, R.Diaz *see* Diaz Acosta, R.

Acovic, A. *see* Sadana, D.K. 62845

Acovic, A. *see* Shahidi, G.G. 71790

Acovic, A. *see* Subbanna, S. 92190

Acovic, A. *see* Taur, Y. 62851

Acquaviva, T. Techniques for measuring energy consumption of reprographic devices 60652

Acquaviva, T., Hartmann, G.C. Survey of energy and power usage in copiers, duplicators, and electronic reprographic devices 69286

Acquaviva, T., Hartmann, G.C. Survey of energy and power usage in copiers, duplicators, and electronic reprographic devices 79038

Acree, R. *see* Rix, C. 82454

Acs, Z.J., Audretsch, D.B. Innovation and firm size: the new learning 60829

Acton, D.S. *see* Kendrick, R.L. 98092

Acuna, A.U. *see* Ferrer, M.L. 50750

Acuna, C., Chas, P., Lagarto, V., Bastos, J., Quemada, J., De Miguel, T. Interworking between RECIBA and RIA through ISABEL 65389

Adachi, A. *see* Hiyamizu, S. 55595

Adachi, A. *see* Kaneko, S. 83084
Adachi, A. *see* Mizutani, N. 56264
Adachi, A. *see* Morooka, T. 58663
Adachi, A. *see* Murakami, K. 79309
Adachi, A. *see* Tanaka, S. 98810
Adachi, A. *see* Yamashita, K. 83083
Adachi, C. *see* Maeda, M. 97066
Adachi, C. *see* Ota, Y. 56085
Adachi, F. Approximate maximum likelihood coherent detection of M-ary PSK signals using Viterbi algorithm 84343
Adachi, F. Bit error rate analysis of M-ary DPSK in frequency selective Rician fading 95074
Adachi, F., Ikura, M. Postdetection diversity using differential phase detection for M-ary DPSK 95474
Adachi, F., Sawahashi, M. Error rate analysis of MDPSK/CPSK with diversity reception under very slow Rayleigh fading and cochannel interference 65650
Adachi, F. *see* Chun Sum Ng 97131
Adachi, F. *see* Ikura, M. 65655
Adachi, F. *see* Ng, C.S. 95085
Adachi, F. *see* Sawahashi, M. 65589
Adachi, H. *see* Chino, T. 94303
Adachi, H. *see* Kidoguchi, I. 72847
Adachi, H. *see* Setsune, K. 82335
Adachi, H. *see* Tanda, T. 86146
Adachi, H. *see* Wasa, K. 91502
Adachi, K., Iida, S., Hayashi, K. Ruthenium clusters in lead-borosilicate glass in thick film resistors 80886
Adachi, K., Konno, Y., Masaki, S. Development of bolt-clamped Langevin-type transducer with high mechanical quality factor for excitation of large torsional vibration 53557
Adachi, K. *see* Ikeda, T. 92947
Adachi, K. *see* Matsunaga, M. 90370
Adachi, K. *see* Saitoh, Y. 88124
Adachi, K. *see* Saitoh, Y. 98580
Adachi, K. *see* Sato, K. 100533
Adachi, M., Miyabukuro, E., Kawabata, A. Preparation and properties of $Pb[(Sc_{1/2}Nb_{1/2})_{0.575}Ti_{0.425}]O_3$ ceramics 93724
Adachi, M. *see* Kamimura, M. 59459
Adachi, M. *see* Nakayama, T. 100409
Adachi, M. *see* Zhiming Chen 94047
Adachi, R., Landis, D., Madden, N., Silver, E., LeGros, M. A low power 12-bit ADC for nuclear instrumentation 59195
Adachi, R., Madden, N., Pehl, R., Abott, R., Stogsdill, E. A sparse architecture low power gated integrator for use with germanium gamma-ray spectrometers in remote geochemistry measurements 88218
Adachi, S. *see* Hayakawa, Y. 79763
Adachi, S. *see* He, Y. 94808
Adachi, S. *see* Ninomiya, S. 55769
Adachi, S. *see* Noda, M. 86684
Adachi, S. *see* Ochi, H. 76902
Adachi, S. *see* Ochi, H. 88371
Adachi, S. *see* Ochi, H. 88372
Adachi, S. *see* Suzuki, T. 62138
Adachi, S. *see* Suzuki, T. 93175
Adachi, S. *see* Taketomi, A. 98291
Adachi, T., Sasabe, S., Inagaki, T., Ozaki, M. The vector potential revisited 51011
Adachi, T. *see* Kanazawa, S. 64108
Adachi, T. *see* Kume, H. 61738
Adachi, T. *see* Lu, J.-Q. 49125
Adachi, T. *see* Nomoto, Y. 62131
Adachi, T. *see* Ohkubo, T. 78437
Adachi, T. *see* Tanaka, T. 70525
Adachi, Y., Yamada, Y. A single-chip LSI karaoke processor for VCR applications 55292
Adachi Fumiyuki *see* Fumiyuki Adachi
Adachihara, T. *see* Takatsu, M. 92124
Adachihara, T. *see* Yokoyama, N. 70457
Adair, J.H. *see* Venigalla, S. 49687
Adair, W.J. *see* Ferguson, R.A. 71466
Adam, A., Adriani, O., Ahlen, S., Ambrosi, G., Babucci, E., Baschirotto, A., Battiston, R., Bay, A., Bencze, Gy.L., Bertucci, B., Biasini, M., Bilei, G.M., Bobbink, G.J., Bosetti, M., Brooks, M.L., Busenitz, J., Burger, W.J., Camps, C., Caria, M., Castellini, G., Checcucci, B., Chen, A., Coan, T.E., Commichau, V., DiBitonto, D., Duinker, P., Easo, S., Extermann, P., Fiandrini, E., Gougas, A., Hangarter, K., Hauviller, C., Herve, A., Hu, G., Josa, I., Kapustinski, J.S., Kim, D., Kinnison, W.W., Krastev, V.R., Landi, G., Lebeau, M., Lecomte, P., Lee, D.M., Leiste, R., Lin, W.T., Lohmann, W., Marin, A., Massetti, R., Mills, G.B., Nowak, H., Passaleva, G., Paul, T., Pauluzzi, M., Pensotti, S., Perrin, E., Rancoita, P.G., Rattaggi, M., Rosch, A., Santochia, A., Sachwitz, M., Schmitz, P., Schoeneich, B., Servoli, L., Susinno, G., Terzi, G., Tonisch, F., Toth, J., Trowitzsch, G., Viertel, G.M., Vogt, H., Waldmeier, S., Wegmann, J., Weill, R., Yeh, S.C., Zhou, B. Performance on test beam of the L3 double-sided silicon microstrip detector 88087
Adam, A., Ahlen, S., Ambrosi, G., Babucci, E., Baschirotto, A., Battiston, R., Bay, A., LBencze, G.Y., Bertucci, B., Biasini, M., Bilei, G.M., Bobbink, G.J., Bosetti, M., Brooks, M.L., Busenitz, J., Burger, W.J., Camps, C., Caria, M., Castellini, G., Checcucci, B., Chen, A., Coan, T.E., Commichau, V., DiBitonto, D., Duinker, P., Easo, S., Extermann, P., Fiandrini, E., Gougas, A., Hangartner, K., Hauviller, C., Herve, A., Hou, S., Josa, I., Kapustinsky, J.S., Kim, D., Kinnison, W.W., Kornis, J., Krastev, V.R., Landi, G., Lebeau, M., Lecomte, P., Lee, D.M., Leiste, R., Lejeune, E., Lin, W.T., Lohmann, W., Marin, A., Massetti, R., Mills, G.B., Nowak, H., Passaleva, G., Paul, T., Pauluzzi, M., Pensotti, S., Perrin, E., Rancoita, P.G., Rattaggi, M., Rosch, A., Schmitz, P., Schoeneich, B., Servoli, L., Susinno, G.F., Terzi, G., Thompson, T.C., Tonisch, F., Toth, J., Trowitzsch, G., Viertel, G.M., Vogt, H., Waldmeier, S., Weill, R., Yeh, S.C., Zhou, B. The design and construction of a double-sided silicon microvertex detector for the L3 experiment at CERN 88102
Adam, D. *see* Win, P. 61958
Adam, D. *see* Win, P. 71731
Adam, E.C. Tactical cockpits—flat panel imperatives 77151
Adam, E.C. Head-up displays versus helmet-mounted displays "the issues" 77159
Adam, J.A. Medical electronics 53366
Adam, J.A. Technology combats disabilities 98956
Adam, J.F., Houh, H.H., Ismert, M., Tennenhouse, D.L. Media-intensive data communications in a "desk-area" network 74988
Adam, J.F., Tennenhouse, D.L. The Vidboard: a video capture and processing peripheral for a distributed multimedia system 65237
Adam, J.L. *see* Azkargorta, J. 82975
Adam, M. *see* Baraboi, A. 82135
Adam, M. *see* Hnatiuc, E. 90237
Adam, M. *see* Walther, M. 81333
Adam, S.C. *see* Morris, R.B. 59450
Adam, W., Albrecht, E., Augustinus, A., Botner, O., Budziak, A.P., Carecchio, P., Cavalli, P., Cerutti, G., Dahl-Jensen, E., Damgaard, G., de la Vega, A.S., Dimitriou, N., Eek, L.-O., Ekelof, T., Florek, A., Florek, B., Fontanelli, F., Fontenille, A., Garcia, J., Gracco, V., Hallgren, A., Hao, W., Henkes, T., Karvelas, E., Koene, B., Lenzen, G., Lindqvist, L.-E., Lopez Aguera, A., Loukas, D., Maltezos, A., Markou, A., Medbo, J., Michalowski, J., Montano, F., Nielsen, B.S., Ostler, J.M., Petrolini, A., Polok, G., Sajot, G., Sannino, M., Schyns, E., Squarcia, S., Thadome, J., Theodosiou, G.E., Traspedini, L., Tripodi, G., Ullaland, O., Zavrtanik, M. Recent results of the Forward Ring Imaging Cherenkov detector of the DELPHI experiment at LEP 88114
Adamczak, S. Reference methods for the measurement of deviations from roundness. 1. State of the art and prospects of development 75848
Adamczak, S. Reference methods for the measurement of deviations from roundness. 2. Development of a computer-aided solution 75857
Adamczewska, D., Borowska-Banas, I., Lesniewska, E., Orlikowski, M. Data transferring in microcomputer systems 70962
Adame, R. *see* Cavanaugh, K. 68453
Adami, M., Piras, L., Lanzi, M., Fanigliulo, A., Vakula, S., Nicolini, C. Monitoring of enzymatic activity and quantitative measurements of substrates by means of a newly designed silicon-based potentiometric sensor 59250
Adami, M. *see* Bousse, L. 50668
Adamiak, K. Simulation of corona in wire-duct electrostatic precipitator by means of the boundary element method 57060
Adamiak, K. Adaptive approach to finite element modelling of corona fields 59914
Adamiak, K., Castle, G.S.P., Inculet, I.I., Pierz, E. Numerical simulation of the electric field distribution in tribo-powder coating of conducting cylindrical objects 49023
Adamiak, M. *see* Sufana, C. 89347
Adamian, V. *see* Engen, G.F. 87465
Adamides, E.D., Tsalides, P.G., Thanailakis, A. Bit-serial VLSI sorter with high reliability specifications 92109
Adamopoulos, P.G. Small RCS marine surface craft and their radar detection in real (estuary) sea conditions 97410
Adamov, E.O. *see* Mikhailov, V.N. 89441
Adamovitch, A.A. *see* Manzhos, V.N. 51478
Adams, A. *see* Curzan, J. 98106
Adams, A. *see* Haiyin Sun 83078
Adams, A.C. *see* Bo Lu 50582
Adams, A.C. *see* Cheng, J. 82866
Adams, A.E., Hinton, O.R., Lawlor, M.A., Sharif, B.S., Riyait, V.S. A synthetic aperture sonar image processing system 51484
Adams, A.E. *see* Lawlor, M.A. 58501
Adams, A.R. *see* Gault, M. 83058
Adams, A.R. *see* O'Reilly, E.P. 63771
Adams, A.R. *see* Silver, M. 94194
Adams, B., Kwan, T. A stereo asynchronous sample-rate converter for digital audio 80364
Adams, C. *see* Nche, C.F. 86703
Adams, C.D.D. *see* Dowden, R.L. 64145
Adams, D. *see* Baumbaugh, B. 59149
Adams, D. *see* Williams, D. 88671
Adams, D.A. *see* Lampe, D.R. 61688
Adams, D.J. *see* Li, Y. 52854
Adams, D.M., Simmons, J.G. Efficient analysis of strongly absorbing inhomogeneous planar waveguides using exact transfer matrices for linearly, exponentially, and parabolically graded media 72388
Adams, E. *see* Rogers, J.L. 91437
Adams, F.P. *see* de Jong, M.S. 67078
Adams, F.P. *see* de Jong, M.S. 67079
Adams, F.P. *see* de Jong, M.S. 67080
Adams, F.P. *see* Schwarz, H.D. 67134
Adams, G. *see* Marvasti, F.A. 51467
Adams, G.B., III, Coyle, E.J., Liangchien Lin, Lucke, L.E., Parhi, K.K. Input compression and efficient VLSI architectures for rank order and stack filters 80443
Adams, G.B., III *see* Liangchien Lin 84201
Adams, G.B., III *see* Yoo, J. 95965
Adams, G.J., Evans, R.J. Neural networks for frequency line tracking 57555
Adams, J.A. Beyond 2000—Imaging for automated production test of PCB assemblies 70999
Adams, J.A. Using automated X-ray test to certify process 92719
Adams, J.C., Ferrier, S.G., Falk, R.A., Capps, C.D. Electro-optic measurement of GaAs switch voltage during optically activated avalanche 56552
Adams, J.D. *see* Fletcher, L.S. 90986
Adams, J.G., Ting-Wei Tang, Kay, L.E. Monte Carlo simulation of noise in GaAs semiconductor devices 49939
Adams, J.L. Orwell 51850
Adams, J.T. *see* Thomas, J.R., Jr. 78332
Adams, J.W., Kruethong, P., Hashemi, R., Sullivan, J.L., Gleeson, D. New quadratic programming algorithms for designing FIR digital filters 92398
Adams, J.W., Sucher, R.W., Sullivan, J.L., Gleeson, D. Optimal weights for autocorrelation sequences 95609
Adams, L. *see* Boeder, C.P.W. 76774
Adams, L. *see* Dreute, J. 70477
Adams, L. *see* Harboe-Sorensen, R. 70467
Adams, L. *see* Kelleher, A. 77095
Adams, L. *see* Metzger, S. 70476
Adams, L. *see* Vanhellemont, J. 71573
Adams, L.E., Kintzer, E.S., Fujimoto, J.G. All-optical clock recovery using a modelocked figure eight laser with a semiconductor nonlinearity 97228
Adams, M. *see* Huber, J.L. 62668
Adams, M. *see* Toumazou, C. 49513
Adams, M.D. Amplitude modulated optical range data analysis in mobile robotics 50988
Adams, M.J. *see* Davies, D.A.O. 65540
Adams, M.J. *see* Day, I.E. 63997
Adams, N.P. *see* Quintana, M.A. 100719
Adams, P. Electricity supply in South Africa 68128
Adams, P., Billington, E.J., Rodger, C.A. Pasch decompositions of lambda-fold triple systems 61111
Adams, P. *see* Way, J. 77660
Adams, R. Asynchronous conversion thwarts incompatibility in sampling A/D systems 70699
Adams, R. Automatic test generation, diagnosis and design tools for Virtual Component and Cluster Testing 90925
Adams, R., Bischof, L. Seeded region growing 64783
Adams, R., Kwan, T. A stereo asynchronous digital sample-rate converter for digital audio 49490
Adams, R.J., Buffington, J.M., Banda, S.S. Design of nonlinear control laws for high-angle-of-attack flight 77798
Adams, R.N. *see* Kagan, N. 59932
Adams, R.N. *see* Ramirez-Rosado, I.J. 53737
Adams, S.J.A. *see* Williams, G.M. 81319
Adams, S.M. Soldering atmospheres, wetting and soldering performance 79307
Adams, T. *see* Cronin, M.F. 81631
Adams, T.E. Nondestructive internal inspection of mounted components 49720
Adams, T.R. *see* Paciotti, M.A. 76401
Adams, W.M., Vivekanandan, J. Snowfall rate and supercooled liquid water content retrieval using the dual-frequency radar technique 67824
Adamski, J. *see* Dowell, D. 76384
Adamski, J.A. *see* Prasad, V. 91410
Adamski, J.R. *see* Clawson, L.G. 60630
Adamski, M. *see* Bilinski, K. 91729
Adamski, M. *see* Pardey, J. 92065
Adamski, M.E., Abramowicz, A., Faber, M.T. How fast can radio messages be transmitted? 94801
Adamski, W. Methods for direct-reading noise measurements of low-gain two-ports 66674
Adamson, P.V. Signal/noise ratio as a function of the writing density in thin-film optical memory based on spectral hole burning 56313
Adamson, S. *see* Astley, S. 59271
Adanu, K.G. Promoting photovoltaic electricity usage in developing countries—experience from Ghana 100561
Adapa, R., Balu, N., Ipakchi, A., Kumar, A.B.R., Brandwajn, V. Expert systems in power system planning and engineering: transient stability input and output data analysis 89177
Adapa, R., Giuffre, M., Johnson, D. Control centre advisor for load management (C^2ALM) 77930

Adapa, R. *see* Johnson, B.K. 89205
Adapa, R. *see* Lee, F.N. 59901
Adapa, R. *see* Momoh, J.A. 88996
Adapa, R. *see* Pflasterer, R. 68109
Adapa, R. *see* Tylavsky, D.J. 59671
Adapa, R. *see* Zhai, D. 59786
Adar, R., Henry, C.H., Milbrodt, M.A., Kistler, R.C. Phase coherence of optical waveguides 63427
Adar, R., Serbin, M.R., Mizrahi, V. Less than 1 dB per meter propagation loss of silica waveguides measured using a ring resonator 82694
Adcock, P., Davies, N., Biair, G.S. Supporting continuous media in open distributed systems architectures 85801
Adcock, P.L., Mitchell, P.J., Grange, N. Battery hybrid vehicle range prediction 54191
Adda, G. *see* Gauvain, J.L. 64390
Adda, G. *see* Jardino, M. 73840
Adde, R. *see* Aniel, F. 62886
Adde, R. *see* Hafdallah, H. 81967
Adde, R. *see* Sylvestre, A. 62884
Addessi, L.J. *see* Jia, L.X. 94006
Addessi, L.J. *see* Lin, X.J. 98479
Addie, R.G. Tails of stationary distributions of queued work 65018
Addie, R.G., Zukerman, M. Queueing performance of a tree type ATM network 65015
Addie, R.G., Zukerman, M. Performance evaluation of a single server autoregressive queue 85276
Addiego, G. *see* Qiu, H. 66613
Addis, F.W. *see* Huber, D.A. 91601
Addis, F.W. *see* Olsen, L.C. 90442
Addis, F.W. *see* Olsen, L.C. 100662
Addison, R.C., Jr. *see* Mckie, A.D.W. 70213
Addison, R.C., Jr. *see* McKie, A.D.W. 99363
Addleman, R.S., Crawford, B.A., Keele, B.D., Kohlasch, F.L., Rebagay, T.V., Troyer, G.L. An integrated remote analytical screening system for hostile environments 53075
Addlesee, A.J. *see* Mathieson, D. 100184
Addonizio, M.L. *see* Menna, P. 91546
Ade, P.A.R. *see* Church, S.E. 58783
Adeghe, L. *see* Danay, A. 78490
Adel, M.E., Mangan, S., Ish-Shalom, Y. Emissivity compensated, radiance contrast tracking pyrometry for semiconductor processing 62346
Adelberg, L.K., Gasiewski, A.J., Jackson, D.M. Optimal calibration of radiometer using Wiener filters 77714
Adelerhof, D.J., Flokstra, J., Rogalla, H. Noise in (double) relaxation oscillation SQUIDs 50431
Adelerhof, D.J., Nijstad, H., Flokstra, J., Rogalla, H. (Double) relaxation oscillation SQUIDs with high flux-to-voltage transfer: Simulations and experiments 93926
Adelerhof, D.J., Van Duuren, M., Flokstra, J., Rogalla, H. Second generation DC SQUID sensors: ROS with frequency readout and DROS with voltage readout 97907
Adelerhof, D.J. *see* van Duuren, M.J. 66314
Adelson, E.H. *see* Wang, J.Y.A. 64656
Adelson, E.H. *see* Wang, J.Y.A. 84772
Adelson, E.H. *see* Wang, J.Y.A. 84992
Adelstein, B.D., Ellis, S.R. Effect of head-slaved visual image roll on spatial situation awareness 99084
Adema, G. *see* Feldman, M.R. 79321
Adeniran, S.A. Technique for modelling resonant strip placed in the transverse plane of a rectangular waveguide 73453
Adesida, I., Ping, A.T., Youtsey, C., Dow, T., Asif Khan, M., Olson, D.T., Kuznia, J.N. Characteristics of chemically assisted ion beam etching of gallium nitride 81464
Adesida, I., Seo, J.W., Wohlmuth, W., Caneau, C., Bhat, R. Long wavelength metal-semiconductor-metal photodetectors with Ti/Au and indium-tin-oxide electrodes 58796
Adesida, I. *see* Agarwala, S. 55789
Adesida, I. *see* Agarwala, S. 55825
Adesida, I. *see* Ballegeer, D.G. 56044
Adesida, I. *see* Chang, H. 81963
Adesida, I. *see* Fay, P. 62469
Adesida, I. *see* Gu, S.Q. 56526
Adesida, I. *see* Maslar, J.E. 71094
Adesida, I. *see* Ping, A.T. 93230
Adesida, I. *see* Reuter, E.E. 82812
Adevah-Poeuf, S. *see* Gaumont-Goarin, E. 56787
Adhikari, T., Basu, S. Electrical properties of gallium manganese antimonide: a new diluted magnetic semiconductor 81251
Adhikari, T., Basu, S. Behaviour of Mn in GaSb grown by the Bridgman method 92946
Adianto, Smith, C.W. Plasma polymerised thin insulating films 63085
Adibi, M.M., Borkoski, S.M., Kafkra, R.J. Analytical tool requirements for power system restoration 89015
Adibi, M.M., Fink, L.H. Power system restoration planning 59718
Adibi, M.M., Kafka, L.R.J., Milanicz, D.P. Expert system requirements for power system restoration 89016
Adibi, M.M., Milanicz, D.P. Reactive capability limitation of synchronous machines 60176
Adimurthy, V. *see* Lochan, R. 59669
Adjali, I., Fernandez-Villacanas, J.L., Gell, M.A. Markets inside telecommunications 51956
Adjaye, R.E. Design and optimised operation with reliability centred maintenance 53987
Adkins, A.A., Sparr, R.H., Hood, L.E. Dynamic Environment Communications Analysis Testbed (DECAT) and its applications to Space Shuttle Orbiter and Space Station usage of the Global Positioning System (GPS) 65725
Adkins, A.A. *see* Hood, L.E. 86302
Adkins, L. *see* Kaminar, N. 100722
Adkisson, J. *see* Koburger, C. 70397
Adleman, L.M., DeMarrais, J. A subexponential algorithm for discrete logarithms over all finite fields 73754
Adler, E. *see* Levinson, J. 70462
Adler, E. *see* Voldman, S. 63008
Adler, E.L. SAW and pseudo-SAW properties using matrix methods 82222
Adler, E.L. SAW and pseudo-SAW properties using matrix methods 93863
Adler, E.L. *see* Pereira Da Cunha, M. 99323
Adler, J. *see* Hemler, P.F. 76949
Adler, J.R. *see* Schweikard, A. 98945
Adler, M.S. *see* Chow, T.P. 62707
Adler, N.O.de *see* de Adler, N.O.
Adler, R.B. *see* Malfaro, W.J. 68228
Adler, R.J., Richter-Sand, R.J. Advances in the development of the Nested High Voltage Generator 68752
Adler, R.S. *see* Cheng, S.N.C. 88421
Adler, R.W. *see* Breakall, J.K. 73523
Adler, T.R. The innovation process: interpreting customer requirements 54472
Adlerstein, M. *see* Teeter, D. 80823
Adlerstein, M. *see* Teeter, D. 92609
Adlerstein, M.G. *see* Wohlert, R.M. 80824
Adlerstein, M.G. *see* Wohlert, R.M. 92610
Adlhoch, W., Bolt, N. Possibilities for the further development of combined cycle power station technology 89685
Adnanes, A.K., Nilsen, R., Loken, R., Norum, L. Efficiency analysis of electric vehicles, with emphasis on efficiency optimized excitation 69124
Adney, J. *see* Anderson, D. 87831
Adolph, R.A. *see* Roscoe, B.A. 76850
Adolphsen, C., Barklow, T., Burke, D., Decker, F.-J., Emma, P., Hildreth, M., Himel, T., Krejcik, P., Limberg, T., Minty, M., Phinney, N., Raimondi, P., Raubenheimer, T., Ross, M., Seeman, J., Siemann, R., Spence, W., Walker, N., Woodley, M. Flat beams in the SLC 76537
Adolphsen, C., Decker, F.-J., Seeman, J.T. Flat beam studies in the SLC Linac 66964
Adolphsen, C., Raubenheimer, T. Method to evaluate steering and alignment algorithms for controlling emittance growth 66965
Adolphsen, C. *see* Ruth, R.D. 66791
Adolphsen, C. *see* Thompson, K.A. 87930
Adonin, A.S. *see* Petrosjanc, K.O. 62977
Adoul, J.-P. *see* Salami, R. 73892
Adoul, J.-P. *see* Sanchez, V.E. 84059
Adoul, J.P. *see* Lefebvre, R. 84104
Adragna, F. *see* Massonnet, D. 88851
Adriaenssens, G.J. *see* Schauer, F. 55576
Adrian, H. *see* Petersen, K. 63320
Adrian, H. *see* Schmitt, M. 63321
Adrian, H. *see* Schmitt, M. 82381
Adrian, R.J. *see* Barnhart, D.H. 94706
Adrian, R.J. *see* Zhong, J. 87602
Adriance, J. *see* Yu-Wen Huang 92764
Adriani, O., Alcaraz, J., Ahlen, S., Ambrosi, G., Baschirotto, A., Battiston, R., Bay, A., Bencze, G., Bertucci, B., Biasini, M., Bilei, G.M., Bobbink, G.J., Bosetti, M., Brooks, M.L., Busenitz, J., Burger, W.J., Camps, C., Caria, M., Castellini, G., Chen, A., Coan, T.E., Commichau, V., DiBitonto, D., Duinker, P., Easo, S., Extermann, P., Fiandrini, E., Gougas, A., Hangarter, K., Hauviller, C., Herve, A., Hou, S., Josa, I., Kapustinski, J.S., Kim, D., Kinnison, W.W., Kornis, J., Krastov, V.R., Landi, G., Lebeau, M., Lecomte, P., Lee, D.M., Leiste, R., Lin, W.T., Lohmann, W., Massetti, R., Mills, G.B., Nowak, H., Passaleva, G., Paul, T., Pauluzzi, M., Pensotti, S., Rancoita, P.G., Rattaggi, M., Rosch, A., Santocchia, A., Sachwitz, M., Schmitz, P., Schoneich, B., Servoli, L., Susinno, G., Terzi, G., Toth, J., Viertel, G.M., Vogt, H., Waldmeier, S., Wegmann, J., Weill, R., Xu, J., Yeh, S.C., Zhou, B. The new double sided silicon microvertex detector for the L3 experiment 88023
Adriani, O. *see* Adam, A. 88087
Adve, R.S. *see* Sarkar, T.K. 83422
Adve, V.S., Nelson, R. The relationship between Bernoulli and fixed feedback policies for the M/G/1 queue 69685
Adye, T.J., Augustinus, A., Donszelmann, M., Rovelli, T., Sekulin, R.L., Smith, G.R. The design and operation of the slow controls for the DELPHI experiment at LEP 98508
Ae, T. Optical interconnection for parallel data processing 56492
Ae, T., Fujita, S., Ando, T., Sakai, K., Fujihara, Y. Optical interconnection and massively parallel processing 50623
Aeberhard, S., Coomans, D., de Vel, O. Comparative analysis of statistical pattern recognition methods in high dimensional settings 74586
Aebischer, B., Mutzner, J., Spreng, D. Trend of demand for electricity in the service industries 89179
Aebischer, D. *see* Lanfranchi, D. 93797
Ael-Zeftawy, A. Economic worth of renewable energy sources utilization in Arab countries 78517
Aerle, N.A.J.M.Van *see* Van Aerle, N.A.J.M.
Aeron, R. KW Powersource creates culture of quality consciousness 90793
Aers, G.C. *see* Piva, P.G. 71178
Aeschbacher, R., Staub, T. Band fiber cable — PTT Telecom state of the art and pilot projects 56338
af Ugglas, M. *see* Abrahamsson, K. 76307
Afanas'ev, A.A., Nesterin, V.A., Vorob'ev, A.N. Calculating the magnetisation of permanent magnets of a motor using a method of configuration of conformal mapping 78563
Afanas'ev, A.A., Vorob'ev, A.N. Calculation of the magnetic field of magnetoelectric converter-driven motor using a conformal conjugation mapping method 100055
Afanas'ev, A.A., Vorob'ev, V.N. A new approach to calculating plane-parallel magnetic fields 100104
Afanas'ev, A.A. *see* Apanasevich, P.A. 73009
Afanas'ev, L.A., Ionin, A.A., Kiselev, E.A., Klimachev, Yu.M., Kotkov, A.A., Sinitsyn, D.V. Active medium of molecular CO_2 and CO lasers as a nonlinear component of a phase-conjugating mirror 73087
Afanas'ev, V.I. Triode gun generating a 1.2-kW beam and cooled by surface radiation 92865
Afanas'ev, V.V. *see* Revesz, A.G. 93076
Afanasiadi, A.G. *see* Paderin, P.S. 60638
Afanasiev, S. *see* Anishchenko, N. 94012
Afanasiev, S.V., Anisimov, Yu.S., Arkhipov, V.V., Bazylev, S.N., Enkhbold, D., Kolesnikov, V.I., Korolev, V.S., Kuznetsov, V.A., Kashirin, V.A., Litvinenko, A.G., Malakhov, A.I., Maniakov, P.K., Nikiforov, A.S., Peresedov, V.F., Parfenov, A.N., Reznikov, S.G., Semenov, A.Yu., Smirnov, V.A., Zarubin, P.I., Olejniczak, V., Slowinski, B., Cimpean, A., Sandu, M., Kovtun, V.E. The data acquisition of the SPHERE 4π-detector 52771
Afanasieva, L.E. *see* Grechishkin, R.M. 66278
Afanasjev, V.P., Kramar, G.P. Multilayer ferroelectric-semiconductor structures for controlled sensors with memory 56157
Afanasjev, V.V. *see* Atkinson, D. 97238
Afanasjev, V.V. *see* Loh, W.H. 56347
Afanas'yev, A.A., Nesterin, V.A., Vorob'yev, A.N. Analysis of permanent magnet electric motor magnetization by the method of conjugation of conformal representations 54006
Afanas'yev, A.A., Vorob'yev, A.N. Analysis of the magnetic field of a magnetoelectric self-controlled motor by the method of conjugation of conformal representation 78550
Afarideh, H. *see* Faghih-Habibi, M. 88156
Affolter, K. *see* Schneider, J. 56405
Affonso, J.J., Jr. "Off-the-shelf" data creates custom land base 78023
Affrossman, S. *see* Fisher, J.M. 61329
Afifi, H.H. *see* Ashour, A. 71121
Aflatooni, K. *see* Manku, T. 97903
Afonenko, A.A., Kononenko, V.K., Manak, I.S. Regular pulsation regime in dual quantum-well lasers 50839
Afonin, A.V., Letunovskii, A.A. Modeling the output signals of optoelectronic devices from defocused point radiators 82791
Afonin, D.G. A ball cavity with a spherical body 72941
Afonin, D.G., Kanunov, E.R. Frequency characteristics of sphere-like cavities in extremely high-frequency band 94553
Afonin, O.F. *see* Verbitskaya, E.M. 58995
Afonso, C.N., Vega, F., Solis, J. Real time optical diagnostics during pulsed uv laser induced surface cleaning and oxidation 93178
Afonso, C.N. *see* Vega, F. 62370
Afraimovich, E.L., Minko, N.P., Fridman, S.V. Spectral and dispersion characteristics of travelling ionospheric disturbances as deduced from transionospheric sounding data 67805
Afraimovich, E.L., Zherebtsov, G.A., Zvezdin, V.N., Franke, S.J. Characteristics of small-scale ionospheric irregularities as deduced from scintillation observations of radio signals from satellites ETS-2 and Polar Bear 4 at Irkutsk 88758
Afrashteh, A., Sollenberger, N.R., Chuang, J.C.-I., Chukurov, D. Performance of a TDM/TDMA portable radio link for interference, noise, and delay spread impairments 52403
Afridi, K.K., Kassakian, J.G. Turn-off failures in individual and paralleled MCTs 55934
Afsar, M.N., Hua Chi Window materials for high power gyrotron 81138
Afsar, M.N., Hua Chi Millimetre wave complex refractive index, complex dielectric permittivity and loss tangent of extra high purity and compensated silicon 82098
Afsar, M.N. *see* Birch, J.R. 76149
Afshar-Hanaii, N. *see* Waite, A. 81879

Afshari, B. *see* Karnezos, M. 60966
Afshari, B. *see* Matta, F. 91043
Aftab, S.A., Styblinski, M.A. A new efficient approach to statistical delay modeling of CMOS digital combinational circuits 93652
Aftabi, M. *see* Ertan, H.B. 89970
Afuso, C. *see* Nagata, Y. 49261
Afuso, C. *see* Tsuhako, S. 80258
Afzal, H. *see* Bell, W.W. 89719
Afzal, H. *see* Urabe, T. 58577
Afzal, R.S. Mars Observer Laser Altimeter: laser transmitter 56687
Afzal, R.S. *see* Selker, M.D. 50779
Afzal, R.S. *see* Selker, M.D. 72758
Afzali-Kushaa, A., Haddad, G.I. Efficient calculation of the scattering rates in valence-band quantum wells 92992
Afzali-Kushaa, A., Haddad, G.I., Norris, T.B. On the feasibility of intersubband transition lasers 63841
Afzulpurkar, N.V. *see* Dunlop, G.R. 64249
Aga, L.A., Norum, L. DSP/microcontroller based control system for power electronic applications 100802
Aga, L.A., Norum, L. Compact control for a PWM-VSI fed asynchronous motor drive 100854
Agafonov, Yu.A., Babin, S.V., Erko, A.I., Shestakov, A.A., Schelokov, I.A. Fabrication of diffractive optical elements for X-ray range 50568
Agahi, F., Kei May Lau, Koteles, E.S., Baliga, A., Anderson, N.G. $GaAs_{1-x}P_x/GaAs$ quantum-well structures with tensile-strained barriers 62234
Agahi, F., Lutz, C.R., Jr., Kei May Lau Improvement of gas-switching abruptness for atmospheric pressure organometallic vapor phase epitaxy 48935
Agaian, S.S. *see* Egiazarian, K.O. 64416
Agalakov, Yu.G., Zinchenko, M.I., Litova, A.M., Rityn, E.N., Safiulina, S.S., Sosnov, E.N. Polycrystalline fibers based on silver halides for the transmission of high-power CO_2-laser radiation 82552
Agalidy, Yu.S. *see* Levy, S.V. 72489
Agan, M., Densmore, A. NASA's K/Ka-band broadband aeronautical terminal for duplex satellite video communications 75239
Aganagic, M. *see* Kezunovic, M. 78225
Agapito, J. *see* Barbi, G.B. 58888
Agapito, J.A. *see* Horrillo, M.C. 66523
Agapito Vicente, L.de *see* de Agapito Vicente, L.
Agarwal, A., Chaki, S.H., Patel, S.G., Lakshminarayana, D. Semiconducting behaviour and pressure dependence of electrical resistivity in tin monoselenide single crystals grown by a modified direct vapour transport technique 81266
Agarwal, A., Gupta, R.P., Khokle, W.S. Reliability of high temperature superconductor metal contacts 63298
Agarwal, A., Gupta, S., Aurbindo, K., Sarkar, B.K. High power, low recovery time balanced duplexer for VHF applications 86595
Agarwal, A. *see* Dahl, M. 70603
Agarwal, A. *see* McCloskey, T. 68546
Agarwal, A. *see* Patel, D. 68111
Agarwal, A.K. Performance of SC connectors in the outside plant environment 82604
Agarwal, D.A., Moser, L.E. A graphical interface for analysis of communication protocols 51861
Agarwal, D.A. *see* Moser, L.E. 65397
Agarwal, G. *see* Flaherty, B. 67600
Agarwal, G.C. *see* Robinson, C.J. 67448
Agarwal, K., Plotkin, E.I., Swamy, M.N.S. Design of a notch filter with improved performance 70718
Agarwal, L., Wazlowski, M., Ghosh, S. An asynchronous approach to efficient execution of programs on adaptive architectures utilizing FPGAs 70410
Agarwal, M.K. *see* Arora, S.K. 70073
Agarwal, N. *see* Son, S.H. 58052
Agarwal, N.K. Developments in power plant cooling systems 68425
Agarwal, P. *see* Gupta, S.C. 76067
Agarwal, P.K., Alon, N., Aronov, B., Suri, S. Can visibility graphs be represented compactly? 91299
Agarwal, R., Sklansky, J. Estimating optical flow for large interframe displacements 95690
Agarwal, R.K., Garg, H.P. Study of a photovoltaic-thermal system—thermosyphonic solar water heater combined with solar cells 60135
Agarwal, R.K. *see* Garg, H.P. 60136
Agarwal, R.P. *see* Csaszar, C. 66187
Agarwal, R.P. *see* Pang, P.Y.H. 61158
Agarwal, R.P. *see* Qin Sheng 54785
Agarwal, R.P. *see* Sheng, Q. 61159
Agarwal, R.P. *see* Wong, P.J.Y. 79650
Agarwal, R.P. *see* Wong, P.J.Y. 91341
Agarwal, V., Belaguli, V.K., Bhat, A.K.S. Large signal analysis using discrete time domain modeling for LCC-Type parallel resonant converter operating in discontinuous current mode 90196
Agarwal, V., Bhat, A.K.S. Large signal analysis of the LCC-type parallel resonant converter using discrete time domain modeling 80136
Agarwal, V.K. *see* Hold, B. 78964
Agarwala, S., Adesida, I., Caneau, C., Bhat, R. Depth distribution of reactive ion etching-induced damage in InAlAs/InGaAs heterostructures evaluated by Hall measurements 55789
Agarwala, S., Adesida, I., Caneau, C., Bhat, R. Reactive ion etching-induced damage in InAlAs/InGaAs heterostructures 55825
Agarwala, S. *see* Fay, P. 62469
Agarwala, S. *see* Maslar, J.E. 71094
Agarwala, S.S.S. *see* Kumar, L. 71052
Agaryshev, A.I. Estimation of the effect of large-scale ionospheric inhomogeneities on the maximum usable frequencies of decameter radiowave propagation 57114
Agata, M. *see* Fujiwara, G. 70530
Agathoklis, P., Kanellakis, A. Low roundoff noise 2-D digital filters using residue feedback 84383
Agathoklis, P. *see* Holford, S. 95607
Agathoklis, P. *see* Jianping Li 88467
Agathoklis, P. *see* Sreeram, V. 48734
Agathoklis, P. *see* Tawfik, A. 84573
Agatsuma, K., Uchiyama, F., Ishigami, S., Satoh, M. High resolution cryogenic quartz thermometer and application to wireless measurement 97964
Agatsuma, K. *see* Arai, K. 82443
Agawa, H. *see* Kumagai, M. 97843
Agawa, K., Hashimoto, Y., Hirakawa, K., Sakamoto, N., Ikoma, T. Heavy p and n-type doping with Si on (311)A GaAs substrates by molecular beam epitaxy 93149
Agawa, K., Hirakawa, K., Sakamoto, N., Hashimoto, Y., Ikoma, T. Electrical properties of heavily Si-doped (311)A GaAs grown by molecular beam epitaxy 71117
Agayan, S.S., Grigoryan, A.M. Discrete unitary transformations and their relation to coverings of fundamental periods .I 61064
Agayan, S.S., Grigoryan, A.M. Discrete unitary transformations and their relation to coverings of fundamental periods .II 61065
Agazzi, O.E., Kuo, S.-S. Pseudo two-dimensional hidden Markov models for document recognition 57632
Agazzi, O.E., Kuo, S.-S., Levin, E., Pieraccini, R. Connected and degraded text recognition using planar hidden Markov models 84966
Agazzi, O.E. *see* Kuo, S.-s. 84960
Agazzi, O.E. *see* Shyh-Shiaw Kuo 84849
Agbodjan, A.A., Rutan, S.C. Optimization of an adaptive Kalman filter based on information theory 74176
Ageev, L.A., El-Ashkhab, Kh.I., Miloslavskii, V.K. Spontaneous periodic surface structures in photosensitive waveguide films on anisotropic substrates 56383
Ageev, V.M. *see* Petrov, V.V. 57318
Ageichik, A.A., Kotyaev, O.G., Rezunkov, Yu.A., Safronov, A.L., Stepanov, V.V. Investigation of oscillation in a scheme of four-wave interaction of radiation in an active medium of a CO_2 laser with a feedback loop 73103
Agelidis, V.G., Vincenti, D. A "smart" switch based three-phase ZVS PWM topology 68799
Agelidis, V.G., Vincenti, D. Optimum non-deterministic pulse-width modulation for three-phase inverters 100325
Aggarwal, A.A., Lewis, D.M. Routing architectures for hierarchical field programmable gate arrays 92053
Aggarwal, G.M., Mortarulo, M., Mitchell, M. Electrical distribution system upgrade for operating power plants 89430
Aggarwal, I.D. *see* Ewing, K.J. 98030
Aggarwal, I.D. *see* Merzbacher, C.I. 63339
Aggarwal, I.D. *see* Sanghera, J.S. 63372
Aggarwal, I.D. *see* Sanghera, J.S. 63419
Aggarwal, I.D. *see* Sanghera, J.S. 98029
Aggarwal, J.K. *see* Nandhakumar, N. 84935
Aggarwal, J.K. *see* Sabata, B. 57767
Aggarwal, J.K. *see* Sabata, B. 74257
Aggarwal, J.K. *see* Sabata, B. 96078
Aggarwal, J.K. *see* Shah, S. 98119
Aggarwal, K.K., Kumar, S. Delay related reliability: a new performance index for computer communication network dynamics 52150
Aggarwal, R., Moore, P. Digital communications for protection. II. Teleprotection systems 53791
Aggarwal, R., Moore, P. Digital communications for protection. III. Fibre optics 99757
Aggarwal, R.K., Bo, Z., Johns, A.T. A new approach for discriminating between switching and fault generated broadband noise on EHV transmission lines 99748
Aggarwal, R.K., Song, Y.H., Johns, A.T. Adaptive three-phase autoreclosure for double-circuit transmission systems using neural networks 59981
Aggarwal, R.K. *see* Bo, Z.Q. 59997
Aggarwal, R.K. *see* Johns, A.T. 59996
Aggarwal, R.K. *see* Johns, A.T. 89125
Aggarwal, R.K. *see* Li, H.Y. 60001
Aggarwal, R.K. *see* Moore, P.J. 78182
Aggarwal, R.K. *see* Song, Y.H. 59980
Aggarwal, R.K. *see* Song, Y.H. 89112
Aggarwal, S., Juge, A. A methodology for predetermination of bipolar SPICE model parameters in BiCMOS technology 50101
Aggarwal, S.J., Da Costa, R., Diller, K.R., Baxter, C.R. Computer vision analysis of interstitial macromolecular diffusion in skin following mild thermal injury 67485
Aggarwal, S.K. *see* Gunther, W.E. 68396
Aggarwal, V., Khanna, M.K., Sood, R., Haldar, S., Gupta, R.S. Analytical two-dimensional modeling for potential distribution and threshold voltage of the short-channel fully depleted SOI (silicon-on-insulator) MOSFET 55950
Aggen, R. A cold mill for top-quality thin aluminium strip 79043
Aggoun, A. *see* Ashur, A.S. 91970
Aggoun, A. *see* McCormick, M. 97625
Aggoun, L. *see* Elliott, R.J. 95589
Aggoune, M.E., Boudjemaa, F., Bensenouci, A., Hellal, A., Vadari, S.V., Elmesai, M.R. Design of an adaptive variable-structure voltage regulator using artificial neural network 99551
Aggour, M. *see* Rappich, J. 71372
Agha, G., Frolund, S., Panwar, R., Sturman, D. A linguistic framework for dynamic composition of dependability protocols 85341
Aghajan, H. *see* Khalaj, B.H. 69595
Aghajan, H. *see* Khalaj, B.H. 79456
Aghajan, H.K., Kailath, T. Low complexity subspace-based estimation of axis of symmetry for lithographic alignment 81713
Aghajan, H.K., Kailath, T. SLIDE: subspace-based line detection 84962
Aghajan, H.K., Khalaj, B.H., Kailath, T. Estimation of multiple 2D uniform motions by sensor array processing techniques 64652
Aghajan, H.K., Khalaj, B.H., Kailath, T. Estimation of skew angle in text image analysis by SLIDE: Subspace-based line detection 74546
Aghajan, H.K. *see* Khalaj, B.H. 81732
Aghamohammadi, M.R., Saitoh, H., Toyoda, J. Enhancement of neural network based contingency analysis by power network reduction 68137
Aghazadeh, F. *see* Lu, H. 98205
Aghbar, M. *see* Karouni, M.A. 86916
Aghdasi, F. Synthesis of self-clocked asynchronous controllers 49348
Aghezzaf, E.H., Wolsey, L.A. Modelling piecewise linear concave costs in a tree partitioning problem 54710
Aghvami, A.H. *see* Azad, H. 51797
Aghvami, A.H. *see* Efstathiou, D. 83922
Aghvami, A.H. *see* Gillick, M. 80731
Aghvami, A.H. *see* Ibrahim, B.B. 75204
Aghvami, A.H. *see* Ibrahim, B.B. 86237
Aghvami, A.H. *see* Jianjun Wu 75287
Aghvami, A.H. *see* Lucyszyn, S. 49664
Aghvami, A.H. *see* Lucyszyn, S. 52325
Aghvami, A.H. *see* Mak, S.K. 84016
Aghvami, A.H. *see* Mohebbi, B.B. 51798
Aghvami, A.H. *see* Ramos, R.E. 52342
Aghvami, A.Hamid *see* Hamid Aghvami, A.
Aghvami, H. *see* Lucyszyn, S. 49667
Agili, S.S., Ishii, T.K. Direct electro-optic modulation of lightwaves in fiber 94110
Agius, B. *see* Pribat, D. 58930
Aglan, H. Fatigue lifetime assessment of adhesive joints by ultrasonic and thermal wave imaging 49043
Agli, N., Abbaci, M., Maasmi, A., Benslim, N., Mahdjoubi, L., Pasquinelli, M., Martinuzzi, S. Effect of heat treatment on electrical properties of polycrystalline $CuInSe_2$ thin films prepared by two methods 81259
Aglietta, M., Antonioli, P., Badino, G., Castagnoli, C., Castellina, A., Dadykin, V.L., Fulgione, W., Galeotti, P., Khalchukov, F.F., Korolkova, E.V., Kortchaguin, P.V., Kortchaguin, V.B., Kudryavtsev, V.A., Malguin, A.S., Marchetti, G., Periale, L., Ryassny, V.G., Ryazhskaya, O.G., Saavedra, O., Trinchero, G.C., Vernetto, S., Yakushev, V.F., Zatsepin, G.T. Search for fractionally charged particles in the Mont Blanc LSD scintillation detector 67318
Agnello, M. *see* Martin, A. 67356
Agnello, P. *see* Foty, D. 62680
Agnello, P. *see* Shahidi, G.G. 71790
Agnello, P. *see* Taur, Y. 62851
Agnello, P.D., Kesan, V.P., Tejwani, M., Ott, J.A. Titanium silicide/germanide formation on submicron features for high mobility SiGe channel field effect transistors 49984
Agnello, P.D. *see* Harame, D.L. 71770
Agnello, P.D. *see* Jenkins, K.A. 93623
Agnes, G.S. Active/passive piezoelectric vibration suppression 93799
Agnes Kummert, Sandor Kabos Calculation and estimation of sample statistics of binary images using quadtree data representations 85162
Agnese, P. *see* Audaire, L. 87186
Agnesi, A. Kerr-lens modelocking of solid-state lasers and unidirectional ring cavities 63905
Agnesi, A., Reali, G.C. Analysis of unidirectional operation of Kerr lens mode-locked ring oscillators 72948
Agnetta, G. *see* Ambrosio, M. 53341
Agnetta, G. *see* Arena, V. 98656
Agnew, J. *see* Atkinson, D. 59470
Agnihotri, R.K., Chand, S., Mudgal, V.B. Two unit redundant system with adjustable failure rate, critical human error (CHE) and inspection 54579
Agnolin, R. Systems with isolated and earthed neutral: advantages and drawbacks 89346

Ago, T., Nakagawa, H. Development for deep-UV pellicles 62571
Agonaber, D. *see* Linton, R.L. 91082
Agonafer, D. *see* Linton, R.L. 69566
Agoris, D.P., Argiropoulos, K.M. Medium-voltage distribution-network planning in developing countries 53738
Agostinelli, F.M. *see* Champion, T.C. 89284
Agostinelli, J.A. *see* Mir, J.M. 94154
Agostinelli, V.M., Jr., Bordelon, T.J., Xiaolin Wang, Hasnat, K., Choh-Fei Yeap, Lemersal, D.B., Jr., Tasch, A.F., Maziar, C.M. Two-dimensional energy-dependent models for the simulation of substrate current in submicron MOSFET's 93369
Agostinelli, V.M., Jr, Hasnat, K., Bordelon, T.J., Lemersal, D.B., Jr, Tasch, A.F., Maziar, C.M. Sensitivity issues in modeling the substrate current for submicron n- and p-channel MOSFETs 62767
Agostini, A., De Michelis, G., Patriarca, S., Tinini, R. A prototype of an integrated coordination support system 85919
Agotai, I., Keresztes, P. Using ORCAD schematic entry for generating VHDL structural descriptions 61457
Agoulmine, N., Neuman de Souza, J., de Oliveira, M. Distribution of management over multi-domains network management systems 96476
Agrafiotis, G.K., Tsoukalas, M.Z. Reliability analysis and optimization applications of a two-unit standby redundant system with spare units 61042
Agrawal, A. *see* Bajaj, H.L. 69513
Agrawal, A. *see* Chaddha, N. 57409
Agrawal, A. *see* Yuzhe Chen 48688
Agrawal, B. *see* De, V.K. 93442
Agrawal, D., El Abbadi, A., Lang, A.E. The performance of protocols based on locks with ordered sharing 85339
Agrawal, D. *see* Hong Va Leong 74740
Agrawal, D.C. *see* Ramani, G.V. 71848
Agrawal, D.P. *see* Kumar, S. 75090
Agrawal, G. *see* Kamat, S. 65337
Agrawal, G. *see* Wei Zhao 58132
Agrawal, G.P., Radic, S. Phase-shifted fiber Bragg gratings and their application for wavelength demultiplexing 86366
Agrawal, G.P. *see* Ryan, A.T. 63793
Agrawal, J.P., Batarseh, I. Improving the dynamic and static cross regulation in multi-output resonant converters 49141
Agrawal, J.P., Farook, O., Sekhar, C.R. Software controller for PWM converters 68841
Agrawal, J.P., Gerken, M.L. A model of the contention resolution time for binary tree protocols 51866
Agrawal, N., Wegener, M. Ultrafast electron dynamics in InGaAlAs/InP graded-gap electron transfer optical modulator structures 56436
Agrawal, N., Wegener, M. Ultrafast graded-gap electron transfer optical modulator structure 72444
Agrawal, P. Emerging technologies for electronic design and test 91752
Agrawal, S.K., Tong, D., Nagaraja, K. Modeling and shape control of piezoelectric actuator embedded elastic plates 82191
Agrawal, S.K., Tong, D., Nagaraja, K. Control of shapes of elastic plates using embedded piezoelectric actuators 82206
Agrawal, V.D. A tale of two designs: the cheapest and the most economic 79260
Agrawal, V.D. *see* Chakraborty, T.J. 49282
Agrawal, V.D. *see* Chakradhar, S.T. 92129
Agrawal, V.D. *see* Heragu, K. 49390
Agrawal, V.D. *see* Heragu, K. 91992
Agrawal, Y., Trowbridge, H.H., Pottsmith, H.C., Oltman-Shay, J. Velocity, concentration and flux of sediments in a coastal bottom boundary layer with a laser Doppler velocimeter 88832
Agrawalla, S.K. *see* Chakrabarti, P. 62877
Agrawel, V.D., Chih-Jen Lin, Rutkowski, P.W., Shianling Wu, Zorian, Y. Built-in self-test for digital integrated circuits 62937
Agre, J.R. *see* Hong Va Leong 74740
Agren, A., Johansson, O. Experimental study of repeatability errors in 3D sound intensity measurements in narrow frequency bands 76278
Agrinskaya, N.V., Kozub, V.I. Effect of preexponential factors on temperature behavior of VRH conductivity 81225
Agro, S., Galica, J., Holley, W.H., Yorgensen, R.S. Case histories of EVA encapsulant discoloration in fielded modules 90450
Agterhuis, E.H. Object oriented software design and multiple grid techniques for the simulation of micro strip gas counters 88143
Aguado, F. *see* Hermida, R.C. 76888
Aguayo, A., Jr. Comparing circuit-board materials for DBS applications 71000
Aguayo, K., Tran, K. An automated approach verifies parts placement 60972
Aguayo, P. *see* Olmos, P. 67405
Aguer, J. *see* Perra, A. 78700
Aguer, P. *see* Bogaert, G. 59020
Aguera, A.Lopez *see* Lopez Aguera, A.
Aguero, V., Banks, P.M., Gilchrist, B., Linscott, I., Raitt, W.J., Thompson, D., Tolat, V., White, A.B., Williams, S., Williamson, P.R. The Shuttle Electrodynamic Tether System (SETS) on TSS-1 88632
Aguet, M., Bosshard, F., Moser, W. The Pierre-de-Plan (S.I. Lausanne) gas turbine [combined cycle power station] 99956
Agui, T., Kakuyama, T., Nagahashi, H., Nagao, T. A study on learning of neural networks using a genetic algorithm 96005
Agui, T. *see* Nagae, T. 84749
Agui, T. *see* Yan Jiafeng 64708
Aguiar, J.A.A. *see* da Silva, E.F., Jr. 49882
Aguilar, M., Pancorbo, M. Noise characterization in scanning tunneling microscopy (STM) 95649
Aguilera, A., Singh, V.P., Morton, D.C. Electron energy distribution at the insulator-semiconductor interface in AC thin film electroluminescent display devices 87386
Aguilera, S., Berrojo, M.A., Gimenez de los Galanes, F.M., Colas, J., Macias, J., Montero, J.M. Impaired persons facilities based on a multi-modality speech processing system 98987
Aguilera, S. *see* Pardo, J.M. 73775
Aguilhon, L. *see* Hesto, P. 49992
Aguirre, E., Raucent, B. Economic comparison of wire harness assembly systems 79308
Aguirre, L.A., Billings, S.A. Model reference control of regular and chaotic dynamics in the Duffing-Ueda oscillator 70319
Aguirre, M.A. *see* Galvan, E. 69099
Agullo-Lopez, F. *see* Serrano, E. 64030
Agwani, S., Dobson, D., Washkurak, W., Chamberlain, S. A trilinear, 32 stage, selectable TDI CCD image sensor for high resolution colour scanning applications 66468
Ah, L.K. *see* Ling, C.H. 71664
Ah Choy Liew *see* Kit Po Wong 59824
Ah-Hsing Liu *see* Jin-Cheng Wang 89012
Ahalt, S.C. *see* Fowler, J.E. 58247
Ahalt, S.C. *see* Hanes, M.D. 73800
Ahamad, A. *see* Moore, R.K. 77367
Ahamed, S.V., Gruber, P.L., Werner, J.J. HDSL and ADSL capacity of the outside loop plant for multimedia services to the home 85595
Ahamed, S.V., Lawrence, V.B. Architectural consideration in the design of network based educational systems (NBES) 96843
Ahanger, E. *see* Little, T.D.C. 66026
Aharoni, A. *see* Bashaw, M.C. 83378
Ahearn, J.S. *see* Lee, C.Y. 58763
Ahearn, J.S. *see* Lee, C.Y. 71605
Ahern, B.S. *see* Vernon, S.M. 54964
Ahlback, J., Ikaheimo, J., Jarvi, J., Leroy, D., Oberli, L., Perin, R., Perini, D., Russenschuck, S., Salminen, J., Savelainen, M., Soini, J., Spigo, G., Tortschanoff, T. Electromagnetic and mechanical design of a 56 mm aperture model dipole for the LHC 82424
Ahlberg, J. *see* Minde, T.B. 84102
Ahlborn, K. *see* Zozime, A. 81183
Ahlen, A. *see* Ohrn, K. 84234
Ahlen, A. *see* Sternad, M. 85213
Ahlen, S., Balebanov, V.M., Battiston, R., Becker, U., Burger, J., Capell, M., Chen, H.F., Chen, H.S., Chen, M., Chernoplekov, N., Clare, R., Dai, T.S., De Rujula, A., Fisher, P., Galaktionov, Yu., Gougas, A., Gu Wen-Qi, He, M., Koutsenko, V., Lebedev, A., Li, T.P., Lu, Y.S., Luckey, D., Ma, Y., McNeil, R., Orava, R., Prevsner, A., Plyaskine, V., Rubinstein, H., Sagdeev, R., Salamon, M., Tang, H.W., Ting, S.C.C., Vetlitsky, I., Wang, Y.F., Xia Ping-Chou, Xu, Z.Z., Wefel, J.P., Zhang, Z.P., Zhou, B., Zichichi, A. An antimatter spectrometer in space 98641
Ahlen, S. *see* Adam, A. 88087
Ahlen, S. *see* Adam, A. 88102
Ahlen, S. *see* Adriani, O. 88023
Ahlen, S.P., Loomba, D., Marin, A., Zhou, B., He, Y.D., Price, P.B., Snowden-Ifft, D.P., Bower, C., Musser, J.A., Coan, T.E., Tarle, G., Tomasch, A., Salamon, M.H., Beatty, J.J., Crary, D.J. Flight performance of EXAM — a balloon-borne detector to search for extragalactic antimatter 59097
Ahlers, E. *see* Pregla, R. 82646
Ahlers, H. Precision calibration procedure for magnetic loss testers using a digital two-channel function generator 66656
Ahlers, H. *see* Sievert, J. 53021
Ahlers, R.-J., Hou, M. Image noise: system requirements and market situation for industrial image processing 79475
Ahlfeldt, H. Nonlinear optical properties of proton-exchanged waveguides in z-cut $LiTaO_3$ 94588
Ahlgren, D.J. *see* Bronzino, J.D. 60784
Ahlskog, M., Paloheimo, J., Stubb, H., Assadi, A. Pressure-dependent operation in poly(3-alkylthiophene) field-effect transistors and Schottky diodes 81867
Ahlswede, R., Ning Cai Two-way communication complexity of sum-type functions for one processor to be informed 85330
Ahluwalia, K., Brady, B.J., Poirier, J.P.A. Rehabilitation of controls for a fire damaged cogeneration power plant 78381
Ahmad, A. Critical role of polynomial seeds on the effectiveness of an LFSR-based testing technique 87015
Ahmad, A., Auriol, P., Kieny, C. Shell-form power transformer modelling at high frequencies 90071
Ahmad, A., Wheat, T.A., Canaday, J.D., Kuriakose, A.K., Prasad, S.E., Varma, S. Processing and characterization of Ca, Ce and Na ion doped lead titanates 56144
Ahmad, A., Wheat, T.A., Sherrit, S., Mukherjee, B.K. Microstructural, dielectric, piezoelectric and pyroelectric properties of chemically derived modified lead titanate 50139
Ahmad, A. *see* Kothari, D.P. 89109
Ahmad, C.N. *see* Balachandran, W. 73239
Ahmad, G. *see* Xing, Q.J. 72891
Ahmad, H.H., Mack, R.J. AREAL: automated reasoning expert for analogue layout 50062
Ahmad, I., Dhodhi, M.K., Hielscher, F.H. Design-space exploration for high-level synthesis 70257
Ahmad, I. *see* Manaf, A. 50212
Ahmad, K.E. *see* Abd-El-Hakim, N.S. 61081
Ahmad, M. *see* Fontenla, D.P. 67650
Ahmad, M. *see* Jiaxin Wang 72722
Ahmad, M. *see* Lee, J.-A. 49466
Ahmad, M.O. *see* Poornaiah, D.V. 70602
Ahmad, M.O. *see* Zhu, W.-P. 80454
Ahmad, M.Omair *see* Omair Ahmad, M.
Ahmad, N., Singh, Y.P. Local area networks 85760
Ahmad, N. *see* Islam, A. 61041
Ahmad, R., Ani, C.I., Halsall, F., Lam, K., Zhang, J.-S. A resource management strategy for the allocation of mixed media traffic in large private ATM networks 65084
Ahmad, R., Halsall, F. A comparison of DQDB and FDDI for the interconnection of LANs 58133
Ahmad, R., Halsall, F., Zhang, J.-S. The transmission of compressed video over ATM networks 64914
Ahmad, R. *see* Weaver, E.T. 96254
Ahmad, S. *see* Hui, C.W. 60644
Ahmad, S. *see* Shakeel, M. 67869
Ahmad, S.A. *see* Martin, P.M. 62671
Ahmad, S.M. *see* Majeed, A. 88178
Ahmad, S.M. *see* Majeed, A. 88179
Ahmad, S.R., Billiet, E.M. Performance evaluation of a laboratory-based Raman lidar in atmospheric pollution measurement 97435
Ahmad, Z.A. *see* Abbas, M. 64980
Ahmadi, H. *see* LaMaire, R.O. 96597
Ahmadi, J. *see* Dawson, J.F. 51144
Ahmadi, M. *see* Khasnabish, B. 96196
Ahmadi, M. *see* Khasnabish, B. 96474
Ahmadi, M. *see* Lester, J.A. 80788
Ahmadi, M.M.D., Mukunda Rao, M. Propagation characteristics of a laser beam in a turbulent channel 94844
Ahmadi, R.H., Kouvelis, P. Staging problem of a dual delivery pick-and-place machine in printed circuit card assembly 70989
Ahmadouche, A. *see* Ndagijimana, F. 91031
Ahmari, D.A. *see* Jackson, S.L. 54898
Ahmed, A.-S.M. *see* Jibrail, W.W.S. 86039
Ahmed, A.B., Desesquelles, P.F., Lucidarme, J. Optimum design of PM synchronous machines with centralized coils 89880
Ahmed, B., Ahmed, J., Guy, G. Computing ferrite core losses at high frequency by finite elements method including temperature influence 90072
Ahmed, E. *see* Ahmed, W. 55699
Ahmed, F. *see* Awwal, A.A.S. 57729
Ahmed, F.I., Abdel-Halim, I.A.M., Hassaneen, K.M. Performance of three-phase fully-controlled bridge rectifiers with non-ideal supply feeding static active loads 90106
Ahmed, F.I. *see* Khater, F.M.H. 54181
Ahmed, F.I. *see* Sakkoury, K.S. 89948
Ahmed, F.M., Edgley, D.S., Gutfleisch, O., Harris, I.R. Homogenisation behaviour of $Nd_2(Fe_{0.98}Nb_{0.02})_{14}B$ alloy 72015
Ahmed, F.M., Edgley, D.S., Harris, I.R. Effect of niobium addition on the Nd-Fe-B alloy and magnet 82249
Ahmed, G.S. Submarine optical communications 52580
Ahmed, H. *see* Ali, D. 50048
Ahmed, H. *see* Blaikie, R.J. 81310
Ahmed, H. *see* Gajda, M.A. 52806
Ahmed, H. *see* Goodings, C.J. 81770
Ahmed, H. *see* Hussain, T. 56012
Ahmed, H. *see* Marsh, A.M. 92996
Ahmed, H. *see* Nakazato, K. 61691
Ahmed, H. *see* Williams, D.A. 81409
Ahmed, H.M., Rauf, F., Khurram, M.U. Adaptive state dependent filters 80477
Ahmed, H.M. *see* Rauf, F. 84320
Ahmed, H.M. *see* Ruili Hu 51735
Ahmed, I., Andonovic, I. Design and simulation of a fibre-optic edge enhancement network 74310
Ahmed, I. *see* Al-Khafaji, M.A. 82260
Ahmed, I. *see* Krane, R.J. 79418
Ahmed, I. *see* Lakshmi, D.R. 97020
Ahmed, I. *see* Sarkar, S.K. 51099
Ahmed, J. *see* Ahmed, B. 90072
Ahmed, J.U., Awwal, A.A.S. Multiplier design using RBSD number system 55185
Ahmed, J.U., Awwal, A.A.S., Karim, M.A. Two-bit trinary full adder design based on restricted signed-digit numbers 72525
Ahmed, J.U. *see* Awwal, A.A.S. 55195

Ahmed, J.U. *see* Awwal, A.A.S. 57731
Ahmed, J.U. *see* Hossain, M.M. 55186
Ahmed, K.A. *see* Eggleton, B.J. 63387
Ahmed, K.M. *see* Matthews, P.A. 94815
Ahmed, M.J., Garrison, G.J., Gosse, W. Multipath measurements over obstructed radio transmission paths 86219
Ahmed, N.U., Radaideh, S.M. Modified extended Kalman filtering 64536
Ahmed, N.U., Yeap, T.H. New mathematical models of an optical communication system 86379
Ahmed, O. *see* Natarajan, R. 89217
Ahmed, R.E., Al-Turaigi, M.A., Alshebeili, S.A. VLSI architecture for computing third-order cumulants 80355
Ahmed, S., Barbero, C.J., Sigmon, T.W., Erickson, J.W. Boron and aluminum implantation in α-SiC 71287
Ahmed, S., Cheung, P.Y.K., Collins, P. A model-based approach to analog fault diagnosis using techniques from optimisation 49095
Ahmed, S.A. *see* Ali, M.A. 82991
Ahmed, S.A. *see* Ali, M.A. 86480
Ahmed, S.A. *see* Tarraf, A.A. 96796
Ahmed, S.F. *see* Peng, E.T. 50897
Ahmed, S.M. *see* Badr, M.A. 89104
Ahmed, S.S. *see* Handschin, E. 59788
Ahmed, W., Ahmed, E. Ion implantation and in situ doping of silicon 55699
Ahmed-Zaid, S. *see* Ortmeyer, T.H. 69100
Ahmet, P. *see* Takeuchi, T. 87446
Ahmidouch, A. *see* Martin, A. 67356
Ahn, C.B., Kim, I.Y., Han, S.W. Medical image compression using JPEG progressive coding 98845
Ahn, C.C. *see* Disko, M.M. *(editor)* 48536
Ahn, C.H., Kim, Y.J., Allen, M.G. A planar variable reluctance magnetic micromotor with fully integrated stator and wrapped coils 60261
Ahn, C.H., Kim, Y.J., Allen, M.G. A planar variable reluctance magnetic micromotor with fully integrated stator and coils 68667
Ahn, C.H., Kim, Y.J., Allen, M.G. A fully integrated planar toroidal inductor with a micromachined nickel-iron magnetic bar 80938
Ahn, C.H. *see* Benerofe, S.J. 54968
Ahn, C.H. *see* Frazier, A.B. 93285
Ahn, C.H. *see* Lee, J. 83583
Ahn, D., Shun Lien Chuang The theory of strained-layer quantum-well lasers with bandgap renormalization 63770
Ahn, D.S. *see* Lee, M.J. 85262
Ahn, G.H., Allen, M.G. A comparison of two micromachined inductors (bar-type and meander-type) for fully integrated boost DC/DC power converters 61969
Ahn, H., El Nokali, M. A DC and small signal model for high electron mobility transistors 56031
Ahn, H., El Nokali, M. An analytical model for high electron mobility transistors 62873
Ahn, H.-S. *see* Kim, J.-W. 85497
Ahn, I. Database issues in telecommunications network management 65189
Ahn, J. *see* Yoon, S.Y. 65613
Ahn, J.H., Kim, T.H., Park, S.M., Wang, S.H., Hee-Gook Lee Bidirectional matched global bit line scheme for high density DRAMs 70559
Ahn, J.L. *see* Shrauger, V.E. 83356
Ahn, J.W. *see* Choo, Y.B. 90554
Ahn, K.S. *see* Jung, C.M. 70565
Ahn, S., Tsang, R.P., Tong, S.-R., Du, D.H.C. Virtual path layout design on ATM networks 64946
Ahn, S.T. *see* Kwon, K.W. 70503
Ahn, S.T. *see* Kwon, K.W. 93537
Ahn, S.T. *see* Park, T. 71697
Ahn, Y.C. *see* Guckel, H. 93672
Ahn, Y.C. *see* Jung, T.S. 80145
Ahn Byung Tae *see* Byung Tae Ahn
Ahn Byung-Chul *see* Byung-Chul Ahn
Ahn Chang-Hoi *see* Chang-Hoi Ahn
Ahn Dong-Jun *see* Dong-Jun Ahn
Ahn Gijung *see* Gijung Ahn
Ahn Goo Choo, Jackson, H.E., Thiel, U., De Brabander, G.N., Boyd, J.T. Near field measurements of optical channel waveguides and directional couplers 72392
Ahn Hee Wook *see* Hee Wook Ahn
Ahn Hye Yeon *see* Hye Yeon Ahn
Ahn Ihn Seok *see* Ihn Seok Ahn
Ahn Jae Hoon *see* Jae Hoon Ahn
Ahn Jae-Gyung *see* Jae-Gyung Ahn
Ahn Jin-Woo *see* Jin-Woo Ahn
Ahn Joong-Ho *see* Joong-Ho Ahn
Ahn Sang Ho *see* Sang Ho Ahn
Ahn Seog-Soon *see* Seog-Soon Ahn
Ahn Tae Hyuk *see* Tae Hyuk Ahn
Ahn Wooyoun *see* Wooyoun Ahn
Ahne, H., Niederle, C., Rubner, R. Component production with photopatternable insulating materials 49928
Ahner, D.J., Sager, M.A. Optimizing combined cycle operation using 'on-line' performance monitoring 78463
Aho, O.A., Juhola, J. Error resilience techniques for MPEG-2 compressed video signal 95812
Ahonen, A.I. *see* Knuutila, J.E.T. 53390
Ahooja, R. *see* Talla, M. 51828
Ahopelto, J., Lipsanen, H., Sopanen, M., Koljonen, T., Niemi, H.E.-M. Selective growth of InGaAs on nanoscale InP islands 79841
Ahoujja, M. *see* Mitchel, W.C. 81331
Ahouzi, E., Campos, J., Chalasinska-Macukow, K., Yzuel, M.J. Optoelectronic pure phase correlator 74320
Ahouzi, E., Campos, T., Yzuel, M.T. Phase-only filter with improved discrimination 84933
Ahouzi, E. *see* Turon, F. 51548
Ahrenkiel, P. *see* Arent, D.J. 91512
Ahrenkiel, P. *see* Luo, H. 54854
Ahrenkiel, R. *see* Arent, D.J. 91512
Ahrenkiel, R.K., Keyes, B.M., Durbin, S.M., Gray, J.L. Recombination lifetime and performance of III-V compound photovoltaic devices 100611
Ahrenkiel, R.K., Keyes, B.M., Levi, D.L., Emery, K., Chu, T.L., Chu, S.S. Spatial uniformity of minority-carrier lifetime in polycrystalline CdTe solar cells 60470
Ahrenkiel, R.K., Zhang, J., Keyes, B.M., Asher, S.E., Timmons, M.L. Recombination effects at oxygen related double acceptors in $Al_{0.10}Ga_{0.90}As$ 100682
Ahrenkiel, R.K. *see* Abou-Elfotouh, F.A. 100508
Ahrenkiel, R.K. *see* Chou, H.C. 100506
Ahrenkiel, R.K. *see* Durbin, S.M. 100667
Ahrenkiel, R.K. *see* Hermann, A.M. 56284
Ahrenkiel, R.K. *see* Lovejoy, M.L. 81223
Ahrenkiel, R.K. *see* Moutinho, H.R. 93105
Ahrens, L.A. *see* Reece, R.K. 87835
Ahrens, M. Lessons learned from early SONET management experience 51978
Ahrens, M. Key challenges in distributed management of broadband transport networks 85522
Ahrens, S., Bigeon, J., Poupart, D. How to develop an expert system for diagnosis and maintenance aid in large electric variable speed drive applications 90511
Ahrens, T. *see* Wulff, F.W. 62018
Ahrens, T.J. *see* Rulison, A.J. 64110
Ahronowitz, D. Modular concept simplifies design of 16-output supply 53518
Ahsan, Q., Hoque, A. Probabilistic model of a wind turbine generator for use in generation expansion analysis 100044
Ahsan, Q. *see* Hoque, A. 99827
Ahsan, Q. *see* Hoque, A. 100050
Ahues, M., Attoh, K. A refinement method for maximal deflating bases of regular pencils 61169
Ahuja, G.S., Hart, R.T., Singh, J. Role of relational data base management system and client/server technology in EMS migration 53631
Ahuja, H., Menon, P.R. Delay reduction by segment substitution 49298
Ahuja, H. *see* Menon, P.R. 49287
Ahuja, N. *see* Hougen, D.R. 84714
Ahuja, N. *see* Sull, S. 51595
Ahuja, N. *see* Weng, J. 84710
Ahuja, N. *see* Xiaoping Hu 95723
Ahuja, S.R. Multimedia communications: an infrastructure for remote collaborations 85475
Ahuja, S.R. *see* Ensor, J.R. 65455
Ahuja Narendra *see* Narendra Ahuja
Ahumada, A. *see* Solomon, J.A. 57907
Ahumada, A.J., Jr. *see* Watson, A.B. 57908
Ahy, R. *see* Seltzer, G.S. 70980
Ai, B. *see* Biaggio, I. 95738
Ai, J., Cao, M., Li, Z. Nonblocking omega network and its topological equivalence with Benes network 82871
Ai, J., Cao, M., Li, Z. Topological equivalence variety of crossover networks with omega and banyan networks 82872
Ai Hongmei *see* Hongmei Ai
Ai Jun, Cao Mingcui, Li Zaiguang, Li Hongpu, Lou Fengguang Topological equivalence variety of optical crossover networks with SW Banyan (F=S=2) networks 56498
Ai Jun, Li Zaiguang, Cao Mingcui Graph analysis method and logical name matrices for topological equivalence of interconnection networks 91682
Ai Jun *see* Luo Fengguang 56500
Ai Jun *see* Mingcui Cao 56472
Ai-Di Qian *see* Qian Ai-Di
Ai-Fan Chen *see* Chen Ai-Fan
Aiai, H., Nagai, S., Hasegawa, T., Fukazawa, Y., Kadokura, T. Generating logic schematics according to signal probability 91774
Aiba, H. *see* Takahara, M. 52097
Aiba, M. *see* Kojima, K. 79367
Aiba, M. *see* Uno, T. 60970
Aicart, E. *see* Junquera, E. 87431
Aid, N., Carey, J.R. Specific digital signal processor for WDFs 80354
Aida, H. *see* Saito, T. 85649
Aida, K. *see* Miyamoto, Y. 58397
Aida, M. *see* Shibuki, M. 58618
Aida, T., Otani, N., Davis, P. Digital implementation of a nonlinear delayed-feedback system 49197
Aida, T. *see* Ching-Ju Wen 78826
Aidam, M., Mossler, S., Pommerenke, D. Electrostatic discharges, a matter of uncertainty? 83464
Aidarous, S., Anderson, E.C., Goett, J.M., McGuire, E.D.R., Mydosh, R.J. The role of the Element Management Layer in network management 51979
Aidnik, D. *see* Fenzi, N. 92492
Aiello, G., Alfonzetti, S., Coco, S. Capacitance computation in symmetric multiconductor systems 80877
Aiello, G., Alfonzetti, S., Coco, S., Salerno, N. Current iteration for unbounded skin effect problems 73408
Aiello, G., Alfonzetti, S., Coco, S., Salerno, N. Convergence analysis of the charge iteration procedure for unbounded electrical fields 83465
Aiello, G.R. A digital approach for phase measurement applied to delta-t tuneup procedure 76508
Aiello, G.R., Jones, A.A., Mills, M.R. SSC Linac Beam Position Monitor System 98451
Aiello, G.R., Mills, M.R., Gonzalez, R.E. Test results of the SSC log-ratio beam position monitor electronics 76834
Aiello, G.Roberto *see* Roberto Aiello, G.
Aiello, N. *see* Palara, S. 60591
Aiello, R. *see* Datte, P. 76438
Aiello, R. *see* Datte, P. 98455
Aifen Yang *see* Peijian An 74355
Aigner, B. *see* Biro, O. 90652
Aigner, M., Triesch, E. Codings of graphs with binary edge labels 48794
Aigner, R., Auerbach, F., Huber, P., Mulier, R., Scheller, G. Sinusoidal temperature modulation of the Si-Planar-Pellistor 58875
Aigo, T., Jono, A., Tachikawa, A., Hiratsuka, R., Moritani, A. High uniformity of threshold voltage for GaAs/AlGaAs high electron mobility transistors grown on a Si substrate 62869
Aiguo, W. *see* Xiuying, G. 61264
Aiguo Fei, Lin Jiang, Guangzhao Xu, Ping Jiang, Xide Xie A theoretical investigation of the effects of a single scatterer on a leaky electron waveguide 93292
Aiguo Yin, Fonash, S.J. Oxygen-plasma-enhanced crystallization of a-Si:H films on glass 91618
Aiguo Zhao, Princz, J., Armour, B. A multi-sensor digital SAR processor for PC or workstation computer platforms 77680
Aihara, K., Yamamoto, M., Mizutani, T. Three-terminal operation of a quantum interference device using a quantum wire with a novel stub structure 62911
Aihara, K., Yamamoto, M., Mizutani, T. Conductance oscillations in quantum wires with a stub structure 71185
Aihara, K. *see* Iwatsubo, R. 99456
Aihara, K. *see* Kakishita, K. 69968
Aihara, K. *see* Kakishita, K. 91566
Aihara, K. *see* Kodama, Y. 88443
Aihara, M. *see* Fukuoka, H. 82264
Aihara, S.-I. *see* Kamijo, M. 82014
Aihara, T., Okada, S. Visualization of thermal disturbance and and quench propagation in an immersion-cooled superconducting coil in liquid helium 94027
Aihua Wang *see* Jianhua Zhao 90395
Aijun Gao *see* Yunmin Zhu 95636
Aikawa, K., Singer, H., Kawahara, H., Tohkura, Y. A dynamic cepstrum incorporating time-frequency masking and its application to continuous speech recognition 84118
Aikawa, K. *see* Obara, K. 95265
Aikawa, M. *see* Tokumitsu, T. 80808
Aikawa, M. *see* Tokumitsu, T. 80814
Aikawa, S., Nakamura, Y., Takanashi, H. Performance of trellis coded 256 QAM super-multicarrier modem using VLSI's for SDH interface outage-free digital microwave radio 52340
Aikawa, S. *see* Okada, T. 97005
Aikawa, T., Tetsuka, M. On test room and system for immunity to radiofrequency electromagnetic fields 57130
Aikawa, T., Tetsuka, M. A test system and test method for static watthour meters for immunity to HF electromagnetic fields 98180
Aiken, E.W. *see* Hindson, W.S. 67687
Aiken, M.W. *see* Higa, K. 52053
Aiken, T.P. *see* Julka, A.K. 99881
Aikens, M.S. *see* Horowitz, Y.S. 59425
Aikens, V. *see* Delgado-Frias, J.G. 49464
Aiki, M. *see* Amemiya, M. 65853
Aikio, M. *see* Makisara, K. 77580
Ailing Pan *see* Pan Ailing
Ailor, M. *see* Zhao, C. 61205
Aimei Tang *see* Tang Aimei
Aimoto, K. *see* Yamashita, N. 92240
Aimoto, Y. *see* Sugibayashi, T. 70552
Aimoto, Y. *see* Sugibayashi, T. 92215
Aimoto, Y. *see* Yamashita, N. 92289
Aina, O.A. *see* Huang, H.C. 80781
Aing, P. *see* Alves, C. 63358
Ainsleigh, P.L., Chui, C.K. Simultaneous wavelet and spline smoothing of noisy data 80467
Ainslie, B.J. *see* Maxwell, G.D. 83108
Ainslie, B.J. *see* Williams, D.L. 63344
Ainslie, P.J., Vincent, W.A., Whitaker, E.G. An industry-sponsored professional development course: design for automotive ASICs 78965
Ainsworth, W.A., Meyer, G.F. Recognition of plosive syllables in noise: comparison of an auditory model with human performance 84137
Aintablian, H.O., Hill, H.W., Jr. Harmonic currents generated by personal computers and their

effects on the distribution system neutral current 67982
Aiping Yuan *see* Yuan Aiping
Aipperspach, T. *see* Gruver, M. 92258
Airaksinen, V.M. *see* Lipsanen, H.K. 54919
Airchinnigh, M.Mac An *see* Mac An Airchinnigh, M.
Aisa, L.A. *see* Lagranja, J.L. 73191
Aisawa, S., Noguchi, K., Koga, M., Matsumoto, T., Amemiya, Y. Very-high-speed analog neural network LSI using super self-aligned Si bipolar process technology 80527
Aiso, Y. *see* Shigekawa, H. 71384
Aissa, U. A comparative study on methods for cleaning and preparation of the board surface with a suspension of abrasives in the production of fine line printed circuits 92768
Aissani, A. A retrial queue with redundancy and unreliable server 91199
Ait-Ali, M.A. Optimum endoreversible power cycle with a specified operating temperature range 99917
Ait-Ameur, K. *see* Besnard, P. 83061
Ait-Sadi, R., Colyer, B.F., Emson, C.R.I., Simkin, J., v. Maanen, J. A 2D and axisymmetric finite element environment based upon STEP type database 83449
Ait-Sadi, R., Emson, C.R.I. A 'three step' refinement process for automatic 2-D mesh adaption 51005
Aitchison, C.S. *see* Botterill, I.A. 61585
Aitchison, C.S. *see* Botterill, I.A. 92605
Aitchison, C.S. *see* Jia Yi Liang 86502
Aitchison, C.S. *see* Moazzam, M.R. 80722
Aitchison, J.S. *see* Mamyshev, P.V. 56373
Aitchison, J.S. *see* Villeneuve, A. 56853
Aitchison, J.S. *see* Villeneuve, A. 56907
Aite, K. *see* Danisch, L. 76026
Aitken, A.J.S., Shephard, D., Hall, D.D. Calibration of wideband radar systems using fibre-optical delay lines 52643
Aitken, A.J.S. *see* Carr, A.D. 52783
Aitken, G.J.M. *see* Jones, P.F. 64849
Aitken, V.C. *see* Simard, J.-R. 58827
Aiyah, V. *see* Polischuk, B. 72562
Aiyer, R.C. *see* Cubellio, E.R. 62026
Aizaki, H. *see* Takeuchi, K. 93621
Aizaki, N., Nakajima, K., Hirasawa, S., Kojima, Y. 0.25 μm electron-beam direct writing technology 61700
Aizaki, N. *see* Ohfuji, T. 71451
Aizaki, N. *see* Yoshino, H. 81633
Aizatskii, N.I., Biller, E.Z., Boriskin, V.N., Dovbnya, A.N., Kushnir, V.A., Mitrochenko, V.V., Stepin, D.L., Tur, Yu.D. High-current resonance electron accelerator for investigation of collective acceleration 87798
Aizawa, A.N., Wah, B.W. A sequential sampling procedure for genetic algorithms 48818
Aizawa, K., Ishiwara, H. Electrical properties of ferroelectric $BaMgF_4$ films on Si substrates 93709
Aizawa, K., Komatsu, T., Saito, T., Hatori, M. Subpixel registration for a high resolution imaging scheme using multiple imagers 84971
Aizawa, K., Nakai, R. Living PSA program: LIPSAS development for safety management of an LMFBR plant 68378
Aizawa, K., Nakamura, A. Path-controlled graph grammars for multiresolution image processing and analysis 51566
Aizawa, K. *see* Cha Keon Cheong 84929
Aizawa, K. *see* Chang Seek Choi 74491
Aizawa, K. *see* Jong-Il Park 74493
Aizawa, K. *see* Kawamura, A. 58904
Aizawa, K. *see* Niyazaki, S. 81365
Aizawa, K. *see* Okabayashi, H. 62537
Aizawa, K. *see* Oku, Y. 67509
Aizawa, K. *see* Watanabe, S. 95778
Aizawa, M. *see* Seki, M. 93572
Aizawa, R., Murata, S., Imokawa, S. FM-360SV series dedicated server machine 92269
Aizawa, T., Gopalrao, R.K., Suzaki, S., Watanabe, T., Yamauchi, R. Polarization independent QCSE in an InGaAs/InP tensile strained quantum well 94195
Aizawa, T., Ravikumar, K.G., Nagasawa, Y., Sekiguchi, T., Watanabe, T. InGaAsP/InP MQW directional coupler switch with small and low-loss bends for fiber-array coupling 72369
Aizawa, Y. *see* Hanaizumi, O. 82545
Aized, D., Haddad, J.W., Joshi, C.H., Goodrich, L.F., Srivastava, A.N. Comparing the accuracy of critical-current measurements using the voltage-current simulator 82323
Aized, D., Manlief, M.D., Joshi, C.H. Performance of high temperature superconducting coils in high background fields at different temperatures 82464
Aizenberg, G.E., Swart, P.L., Lacquet, B.M. Analysis of lossy optical materials possessing graded refractive index profiles 94041
Aizenberg, G.E., Swart, P.L., Lacquet, B.M. Flow graph analysis of spectral properties of multilayered media 94233
Aizhen Li *see* Guoping Ru 92990
Ajaltouni, Z. *see* Ariztizabal, F. 98518
Ajayi, G.O. *see* McCarthy, D.K. 83666
Ajayi, O.B., Osuntola, O.K., Ojo, I.A., Jeynes, C. Preparation and characterization of MOCVD thin films of cadmium sulphide 70153
Ajika, N. *see* Kobayashi, S. 49425
Ajika, N. *see* Kobayashi, S. 70561
Ajika, N. *see* Mihara, M. 92227
Ajika, N. *see* Miyawaki, Y. 70526
Ajika, N. *see* Ohi, M. 70507
Ajika, N. *see* Onoda, H. 61726
Ajika, N. *see* Onoda, H. 92203
Ajiki, K. *see* Garan, S. 78925
Ajima, Y. *see* Tsuchiya, K. 76346
Ajimine, E.M. *see* Yang, C.Y. 82392
Ajioka, T. *see* Mizogami, Y. 69528
Ajioka, T. *see* Nakamura, H. 71429
Ajioka, T. *see* Shibusawa, K. 55262
Ajiro, M., Miyata, H., Kan, T., Ono, M. Satellite image processing using cellular array processor (CAP) 77262
Ajit, J.S., Kinzer, D., Ranjan, N. 1200 V high-side lateral MOSFET in junction-isolated power IC technology using two field-reduction layers 55120
Ajithkumar, G., Hussain, S.S., Sunil, K., Unnikrishnan, N.V. A crystal growth system with modified pulling arrangement and temperature controller 69916
Ajjarapu, V., Lee, B. A general approach to study static and dynamic aspects of voltage instability 77816
Ajjarapu, V., Ping Lin Lau, Battula, S. An optimal reactive power planning strategy against voltage collapse 77957
Ajluni, C. Pressure sensors strive to stay on top 97910
Ajluni, C. FED technology takes display industry by storm 98224
Ajmani, K. *see* Lone, M.A. 98531
Ajmera, P.K. *see* Ling, Z.G. 100486
Ajmone Marsan, M., Bianco, A., Saluta, F. Performance of video and data services on two LANs interconnected with a MAN 52094
Ajmone Marsan, M., Galliano, F., Giunta, P., Neri, F. Quality of video and data services in very-high-speed LANs and MANs 85702
Ajmone Marsan, M., Lo Cigno, R., Munafo, M., Tonietti, A. Simulation of ATM computer networks with CLASS 85806
Ajose, S.O. *see* Sadiku, M.N.O. 57189
Ajoux, C. *see* Rocher, V. 66224
Ajubulu, A. *see* Zaganiaris, A. 52544
Ajuria, S. *see* Huang, W.M. 93629
Ajuria, S.A., Kenkare, P.U., Anh Nghiem, Mele, T.C. Kinetic analysis of silicon oxidations in the thin regime by incremental growth 93185
Ajuria, S.A. *see* Okada, Y. 71667
Ajuria, S.A. *see* Okada, Y. 81495
Ajuria, S.A. *see* Tobin, P.J. 71374
Akabane, M. *see* Shimokohbe, A. 87509
Akabane, Y. *see* Kobayashi, Y. 58251
Akaboshi, J. *see* Hirosaki, T. 96340
Akage, Y. *see* Wada, K. 72885
Akagi, H. Trends in active power line conditioners 78723
Akagi, H. *see* Fujita, H. 68720
Akagi, H. *see* Fujita, H. 68866
Akagi, H. *see* Fujita, H. 78714
Akagi, H. *see* Ogasawara, S. 54098
Akagi, H. *see* Ogasawara, S. 68735
Akagi, H. *see* Tanaka, T. 78244
Akagi, I. *see* Peng, F.Z. 88961
Akagi, J., Kuriyama, Y., Asaka, M., Sugiyama, T., Iizuka, N., Tsuda, K., Obara, M. Five AlGaAs/GaAs HBT ICs for a 20 Gb/s optical repeater 97326
Akagi, K. *see* Maeda, T. 87159
Akagi, M. *see* Sakuno, K. 80785
Akagi, T. *see* Hikita, M. 93814
Akagi, T. *see* Unno, Y. 98558
Akagi, Y. *see* Fujioka, K. 61218
Akagi, Y. *see* Kotaki, H. 91447
Akagi, Y. *see* Okamoto, Y. 61411
Akahama, Y. *see* Hatton, P.D. 88334
Akahane, H. *see* Uno, A. 58560
Akahane, K. *see* Aso, T. 55691
Akahane, N. *see* Okuwaki, T. 50315
Akahane, T. Extraction of slow positrons from the magnetic field 87659
Akahane, T. *see* Anabuki, T. 71844
Akahane, T. *see* Yasui, K. 48973
Akahane, T. *see* Yasui, K. 79947
Akahashi, K. *see* Niimura, N. 98529
Akaho, S. Translation, scale and rotation invariant features based on high-order autocorrelations 64852
Akahori, H., Seki, Y. Estimation of a phase-recording characteristic of system for synthesizing a kinoform 50973
Akahori, N. *see* Yoshida, S. 58094
Akahori, Y., Ikeda, M., Kouzen, A., Itaya, Y. Noise characteristics of longwavelength monolithically integrated pin-FETs 72656
Akahori, Y. *see* Arai, Y. 96945
Akahori, Y. *see* Nishikido, J. 50713
Akai, K., Kirchgessner, J., Moffat, D., Padamsee, H., Sears, J., Tigner, M. Development of crab cavity for CESR-B 67058
Akai, K. *see* Hartung, W. 87731
Akai, K. *see* Noguchi, S. 66814
Akaike, H. *see* Kusunoki, M. 72218
Akaishi, A., Orikasa, T., Kashiki, K., Okamoto, T., Otsu, Y., Satoh, H. Characteristics of scale models of large deployable mesh reflector antennas for mobile communications satellites 57258
Akaishi, A. *see* Tanaka, M. 86256
Akaishi, H. *see* Hoshi, Y. 88113
Akaishi, H. *see* Oyama, K. 98567
Akaishi, M. *see* Kanda, H. 69920
Akaiwa, M. *see* Okabe, T. 91092
Akaiwa, Y. *see* Furukawa, H. 83685
Akal, T. *see* Caiti, A. 59569
Akamatsu, B. *see* Lamare, B. 81439
Akamatsu, H. *see* Kotani, H. 92223
Akamatsu, H. *see* Kotani, H. 92236
Akamatsu, H. *see* Suzuki, T. 92217
Akamatsu, H. *see* Yamauchi, H. 76140
Akamatsu, S. *see* Matsunoshita, J. 98800
Akamatsu, S. *see* Morimoto, M. 64711
Akamatsu, T. *see* Koterayama, W. 99281
Akamatsu, Y., Tokuda, M., Setojima, M. Study on GIS aiming at comprehensive analysis of oceanic environment information 67863
Akamine, T. *see* Cho, T. 88031
Akamine, T. *see* Okuno, S. 98559
Akansu, A.N. *see* Caglar, H. 70758
Akansu, A.N. *see* Liu, Y. 84264
Akao, N., Kato, T., Sasaki, T., Sugimoto, K. The influence of Co content on the corrosion resistance of sputter-deposited TbFeCo thin films in aqueous environments 56196
Akar, N., Ankan, E. Markov modulated periodic arrival process offered to an ATM multiplexer 96138
Akari, S. *see* Lux-Steiner, M.C. 100454
Akarun, L., Haddad, R.A. Decimated rank-order filtering 55341
Akarun, L., Haddad, R.A. Adaptive decimated median filters for image processing 84957
Akasaka, S.-I. *see* Takezawa, Y. 50520
Akasaka, T., Araki, Y., Shimizu, I. Si epitaxy below 400°C from fluorinated precursors SiF_nH_m ($n+m \leq 3$) under in situ observation with ellipsometry 48912
Akasaka, Y. *see* Ohguro, T. 93405
Akasaka, Y. *see* Saito, M. 62850
Akasaka, Y. *see* Yoshitomi, T. 71679
Akasaki, I., Amano, H. Widegap column-III nitride semiconductors for UV/blue light emitting devices 72638
Akasaki, I. *see* Gotz, W. 71207
Akasaki, I. *see* Kim, S.T. 83134
Akasaki, I. *see* Tanaka, T. 71116
Akasaki, I. *see* Taniguchi, M. 92713
Akashi, F. *see* Kurano, T. 86007
Akashi, F. *see* Nishihara, M. 96141
Akashi, H., Sakai, Y., Tagashira, T. Modelling of a self-sustained discharge-excited ArF excimer laser 63662
Akata, S. *see* Sawada, K. 82813
Akatsu, Y. *see* Kobayashi, Y. 86453
Akatsuka, M. *see* Ohmi, M. 63685
Akatsuka, M. *see* Ohmi, M. 94436
Akay, A. *see* Gaunaurd, G.C. 97473
Akay, M., Akay, Y.M., Cheng, P., Szeto, H.H. Time-frequency analysis of the electrocortical activity during maturation using wavelet transform 76981
Akay, M. *see* Ciaccio, E.J. 53369
Akay, Y.M. *see* Akay, M. 76981
Akazaki, M. *see* Hasegawa, Y. 68897
Akazaki, M. *see* Masaki, K. 68916
Akazaki, M. *see* Sonoda, Y. 77728
Akazawa, H., Utsumi, Y., Nagase, M. Species-specific growth kinetics and film properties in synchrotron radiation-excited Si growth with disilane 69969
Akazawa, K. *see* Matsumura, M. 52781
Akazawa, N., Tanda, T., Chiba, T., Kawaguchi, T. Design of the personal handy phone terminal (hand-over operation) 86147
Akazawa, N. *see* Tanda, T. 86146
Akazawa, T. *see* Baji, T. 70655
Akazawa, T. *see* Hiraki, M. 70427
Akazawa, Y. *see* Fujita, S. 75485
Akazawa, Y. *see* Ishihara, N. 92438
Akazawa, Y. *see* Shibata, T. 92630
Akbaba, M., Qamber, I.S., Fakhro, S.Q. A useful performance chart around the V-curves of synchronous machines including saturation effect 100093
Akbar, S.A. *see* Azad, A.M. 70173
Akbar, S.A. *see* Azad, A.M. 90379
Akbari, H., Borer, J., Bovet, C., Delmere, Ch., Manarin, A., Rossa, E., Sillanoli, M., Spanggaard, J. Measurement of vertical emittance at LEP from hard X-rays 76610
Akbarov, N.F. *see* Abdukadyrov, M. 60460
Akber, S.F. *see* Das, I.J. 67651
Akcasu, A.Z. *see* Dogan, N. 57570
Akchurin, N., Badano, L., Bravar, A., Conte, M., Hall, J., Kreiser, H., McPherson, J., Olchowski, F., Onel, Y., Penzo, A., Pisent, A., Pusterla, M., Rinckel, T., Rossmanith, R. Measurement of spin motions in a storage ring outside the stable polarization direction 66847
Akchurin, G.G., Melnikov, L.A., Ognischev, A.Yu. The investigation of YAG:Nd laser with low-level mode-locking signal 94420
Akchurin, G.G., Ognishchev, A.Yu. In vivo determination of scattering optical parameters of a

biological tissue using a mode-locked laser 88362
Akchurin, N. *see* Brown, D. 59084
Akella, V., Gopalakrishnan, G. Specification and validation of control-intensive IC's in hopCP 61763
Akella, V. *see* Kudva, P. 56064
Akella, V. *see* Kudva, P. 92031
Akemoto, M., Takeda, S. High-power klystron modulator using a pulse-forming line and magnetic switch 68753
Akerib, D. *see* Alexander, J.P. 59072
Akerib, D. *see* Alexander, J.P. 70305
Akerstrom-Hoffman, R.A. *see* Gonin, I.M. 52994
Akesson, T. *see* Da Via, C. 53348
Akeyoshi, T. *see* Chen, K.J. 92083
Akeyoshi, T. *see* Maezawa, K. 92073
Akhiezer, A.N., Sen'ko, A.P. Submillimeter-range feedthrough power wattmeter 66597
Akhilesh, K.B., Madan Mohan, T.R. Organizational preparedness 69494
Akhmediev, N., Ankiewicz, A. Generation of a train of solitons with arbitrary phase difference between neighboring solitons 50949
Akhmediev, N., Soto-Crespo, J.M. Propagation dynamics of ultrashort pulses in nonlinear fiber couplers 63389
Akhmediev, N. *see* Ankiewicz, A. 82581
Akhmediev, N.N., Buryak, A.V. Soliton states and bifurcation phenomena in three-core nonlinear fiber couplers 56357
Akhmediev, N.N., Buryak, A.V., Karlsson, M. Radiationless optical solitons with oscillating tails 83264
Akhmediev, N.N. *see* Buryak, A.V. 72341
Akhmedov, G.M. *see* Abdullaev, G.B. 60461
Akhmetov, A., Kuroda, K., Takeo, M. Longitudinal distribution of normal zone in flat superconducting cables 93910
Akhmetov, A. *see* Wanderer, P. 82422
Akhrameev, V.I. *see* Amosov, A.F. 99952
Akhrif, O. *see* Amor, L.B. 60197
Akhrif, O. *see* Amor, L.B. 89850
Akhrif, O. *see* Amor, L.B. 100084
Akhsakhalyan, A.D. *see* Zheludeva, S.I. 82667
Akhtar, A. *see* Lo, K.L. 59861
Akhtar, M.W. *see* Atiquzzaman, M. 51696
Akhtar, S. Reliability of k-out-of-n:G systems with imperfect fault-coverage 61018
Akhtyamov, R.F. *see* Alifertsev, O.N. 79897
Akiba, H. *see* Ikumi, N. 92283
Akiba, K., Iwasaki, S., Fuchigami, H., Kon, K., Arutaki, A. ATM service node: A step toward broadband telecommunication networks 85995
Akiba, M. *see* Maeno, T. 98120
Akiba, N., Yamaguchi, S., Fukuda, J., Washiya, K. Mechanization for construction of UHV transmission lines—construction work for the Nishi-Gunma and Minami-Niigata trunk lines of the Tokyo Electric Power Co., Inc 99723
Akiba, S. *see* Ryu, S. 86440
Akiba, S. *see* Suzuki, M. 65832
Akiba, S. *see* Suzuki, M. 75420
Akiba, S. *see* Taga, H. 52554
Akiba, S. *see* Taga, H. 75463
Akiba, S. *see* Taga, H. 86448
Akiba, S. *see* Taga, H. 97254
Akiba, T. *see* Kawahara, T. 61709
Akiba, T. *see* Kawahara, T. 80322
Akiba, T. *see* Saitoh, Y. 71780
Akiba, Y. *see* Matsumae, Y. 55888
Akie, H., Muromura, T., Takano, H., Matsuura, S. A new fuel material for once-through weapons plutonium burning 78330
Akimaru, H., Okuda, T., Nagai, K. A simplified performance evaluation for bursty multiclass traffic in ATM systems 57950
Akimaru, H. *see* Niu, Z. 65024
Akimochkin, Yu.V., Goncharov, V.Ya., Moskalev, V.A., Nikolaev, V.L., Sergeev, G.I., Tsimbalist, A.V., Chakhlov, V.L., Shastov, V.V., Shestakov, V.G. Cylindrical betatron 53093
Akimoto, H. Atmospheric measurement of chemical species using spectroscopic technique 99167
Akimoto, K. *see* Ozawa, M. 72841
Akimoto, K. *see* Sakao, M. 70500
Akimoto, K. *see* Tamba, N. 92241
Akimoto, T., Furuoya, S., Harasima, K., Ikawa, E. Analysis of fluorocarbon film deposited by highly selective oxide etching 55805
Akimoto, T. *see* Matsubara, Y. 93275
Akimoto, Y. *see* Ishibashi, T. 56611
Akimoto, Y. *see* Mikami, Y. 53000
Akimoto, Y. *see* Miki, Y. 56612
Akimov, A.I., Vyazankina, L.A., Levshin, L.V., Saletskii, A.M. Effect of polyelectrolytes on the generation characteristics of aqueous solutions of rhodamine 6G 63680
Akimov, A.V. *see* Zinovev, N.N. 62286
Akimov, B.A., Albul, A.V., Bogdanov, E.V., Il'in, V.Yu. Low-temperature switching in PbTe:Ga under pressure 49787
Akimov, D.Yu., Bolozdynya, A.I., Churakov, D.L., Koutchenkov, A.V., Kuzichev, V.F., Lebedenko, V.N., Rogovsky, I.A., Chen, M., Chepel, V.Yu., Sushkov, V.V. Condensed krypton scintillators 67344
Akimov, I.I. *see* Nikulin, A.D. 82326
Akimov, V., Arefiev, A., Bizzeti, A., Civinini, C., Choumilov, E., D'Alessandro, R., Ferrando, A., Kolotaev, Y., Kuleshov, S., Malinin, A., Martemianov, A., Martinez-Laso, L., Mikhailov, K., Pojidaev, V., Rojkov, A., Serov, V., Smirnitsky, A. Ceramic PPC technology and performance 53300
Akimov, V.A., Degtyarenko, P.V., Efremenko, Yu.V., Fyodorov, V.B., Gavrilov, V.B., Goryainov, N.A., Grishuk, Yu.G., Khassanov, F.M., Kossov, M.V., Kuleshov, S.V., Kuznetsov, S.G., Leksin, G.A., Pivnyuk, N.A., Serov, V.S., Shuvalov, S.M., Shwartsman, B.B., Smirnitsky, A.V., Vorob'ev, L.S., Zagreev, B.V. The "Lambdameter" detector 53286
Akimov, Yu.K. Nuclear radiation detectors based on inorganic scintillators 59093
Akimova, E.A. *see* Andriesh, A.M. 93094
Akimova, I.V., Eliseev, P.G., Konyaev, V.P., Shveikin, V.I. Spectral investigation of the radiation emitted by strained InGaAs/GaAlAs quantum-well heterostructures 63809
Akin, T., Najafi, K., Smoke, R.H., Bradley, R.M. A micromachined silicon sieve electrode for nerve regeneration applications 67421
Akindinov, V.V., Potapova, L.A., Dyakin, V.A., Kislyakov, H.S., Mikhalev, N.I. Estimate of the phase velocity and attenuation coefficient of electromagnetic waves in the "Earth-Ionosphere" waveguide from the results of experimental investigations of the Earth's natural electromagnetic field in the Schumann resonant frequency interval 83646
Akinniyi, A.R., Lehnert, J.S. Characterization of noncoherent spread-spectrum multiple-access communications 52318
Akinsola, S. *see* Dagen, A.J. 52260
Akinwande, A.I., Bauhahn, P.E., Gray, H.F., Ohnstein, T.R., Holmen, J.O. Nanometer scale thin-film-edge emitter devices with high current density characteristics 62084
Akioka, K. *see* Arai, A. 72173
Akioka, T., Yukutake, S., Fukui, K., Mitsumoto, K., Hiraishi, A., Nakagawa, K., Akiyama, N., Iwamura, M., Kobayashi, Y., Ikeda, S., Uchida, H. Circuit techniques for an 8-ns ECL 100 K compatible 3.3 V 16 Mb BiCMOS SRAM with minimum operation voltage of 2.3 V 70538
Akira Hirai *see* Xiang-Zhao Wang 56948
Akira Tsuji *see* Toshiyuki Ota 81619
Akishita, S., Mitani, Y.-I., Miyaguchi, H. Sound transmission control through rectangular plate by using piezoelectric ceramics as actuators and sensors 63105
Akita, H. *see* Itoh, A. 79815
Akita, J., Asada, I. A method for reducing power consumption of CMOS logic based on signal transition probability 49325
Akita, M. *see* Enokizono, M. 49028
Akita, S. *see* Kasahara, H. 89784
Akita, S. *see* Tsukamoto, O. 89785
Akitomi, T. *see* Tanaka, H. 75868
Akitsu, T. *see* Matsumoto, T. 71304
Akiyama, H., Otake, T. Human interface for cellular phones 86087
Akiyama, K. *see* Takimoto, A. 72506
Akiyama, M. *see* Tamaki, J. 76109
Akiyama, N. *see* Akioka, T. 70538
Akiyama, N. *see* Inoue, N. 87770
Akiyama, N. *see* Okazaki, Y. 52034
Akiyama, R. *see* Ando, A. 87952
Akiyama, R. *see* Oka, Y. 53190
Akiyama, R. *see* Takeiri, Y. 53192
Akiyama, R. *see* Tsumori, K. 53191
Akiyama, S. *see* Hori, A. 62836
Akiyama, S. *see* Nakagawa, S. 72094
Akiyama, S. *see* Ohuchi, M. 61758
Akiyama, T., Aono, H., Aoki, K., Ler, K.W., Wilson, B., Araki, T., Morishige, T., Takeno, H., Sato, A., Nakatani, S., Senoh, T. MPEG2 video codec using image compression DSP 97609
Akiyama, T., Shono, K. A new step motion of polysilicon microstructures 60272
Akiyama, T., Shono, K. Controlled stepwise motion in polysilicon microstructures 68664
Akiyama, T. *see* Sawado, Y. 48968
Akiyama, T. *see* Suzuki, H. 75112
Akiyama, T. *see* Toyokura, M. 92281
Akiyama, T. *see* Ueno, T. 48972
Akiyama, Y. Some abnormal phenomenon of disc rotor type ultrasonic motor 60255
Akiyama, Y., Kuwabara, N., Ideguchi, T. Electric field specification method below 80 cm for radiation immunity test 94971
Akiyama, Y., Takaku, K. A study of the most suitable design of inverter-driven induction motors 68626
Akiyama, Y., Taniguchi, S., Yasuo, T., Kadowaki, M., Saitoh, T. Surface treatment of alloy separator in a planar-type solid oxide fuel cell 68995
Akiyama, Y. *see* Kashihara, Y. 55259
Akiyama, Y. *see* Miwada, K. 66478
Akiyama, Y. *see* Sugiura, O. 68557
Akiyoshi, M., Nishida, S., Shiotani, M., Goda, T. A fault tree generation method using qualitative reasoning and its application to a protective relay 78222
Akkapeddi, R. *see* Conley, W. 81650
Akkara, J. *see* Ayyagari, M. 87305
Akkara, J. *see* Chen, Z. 87304
Akkerman, A. *see* Breskin, A. 87993
Akki, A.S. Statistical properties of mobile-to-mobile land communication channels 97145
Akki, A.S. The influence of mobile-to-mobile land communication channel spectrum on the error rate of binary DPSK and NFSK matched filter receivers 97146
Akki, S. *see* Yeung, N.K. 92284
Akmese, R., Eastham, J.F. Finite element modelling of tubular DC brushless machines at standstill 90027
Akoh, H., Takada, S., Nakajima, K., Mizusawa, H., Sawada, Y. Fabrication of fluxon device 63313
Akoh, H. *see* Cristiano, R. 63296
Akopyan, A.A., Malyutenko, V.K., Teslenko, G.I. Current-voltage characteristics of spherical-geometry semiconductor structures with antiblocking contacts 93022
Akopyan, M. *see* Chen, M. 67340
Akopyan, M. *see* Chen, M. 67349
Akpinar, E., Ersak, A. Closed loop control of a slip energy recovery system—practical results 90503
Akram, A., Cannon, P.S. A meteor scatter communications system data throughput model 97220
Akram, M.F., Ortmeyer, T.H., Svoboda, J.A. An improved harmonic modeling technique for transmission network 78049
Akram, S., Bhat, I. Organometallic vapor phase epitaxial growth of p-type ZnSe using phenylhydrazine as the dopant source 69988
Akram, S. *see* Bhat, I. 69990
Akre, J. *see* Hoyer, E. 67239
Akre, J. *see* Mossessian, D.A. 88284
Akridge, J.R. *see* Jones, S.D. 90365
Akrout, N.M., Diab, C., Prost, R., Goutte, R. Codeword orientation: an improved subband coding/vector quantization scheme for image coding 74463
Aksela, S., Kivimaki, A., Naves de Brito, A., Sairanen, O.-P., Svensson, S., Vayrynen, J. Performance of the modified SX-700 plane grating monochromator at the Finnish beamline in MAX-lab 53357
Aksel'rod, A.V., Kozyrenko, A.A. Synchronizer of clock pulses for magnetic memory 52665
Akselrod, M.S., Odegov, A.L., Durham, J.S. Aluminium oxide exoelectron dosimetry 88608
Aksenov, G.A., Anashkin, E.V., Chertovskikh, A.G., Khazin, B.I., Kirpotin, A.N., Merzlyakov, Yu.I., Putmakov, A.N., Sazansky, V.Ya., Shekhtman, A.I., Solodov, E.P., Thompson, J., Zavarzin, V.G. The CMD-2 online data acquisition and control system 52770
Aksenov, I.I., Vasil'ev, V.V., Strel'nitskij, V.E., Shulaev, V.M., Zaleskij, D.Yu. Arc discharge plasma torch for diamond coating deposition 70096
Aksinenko, V.D., Matyushin, A.T., Matyushin, V.T. Correction of track brightness in a streamer chamber 76824
Aksmanovic, M. *see* Deng, L. 95355
Aksmanovic, M. *see* Li Deng 95238
Aksoy, A. *see* Naqvi, A.A. 67309
Aksoy, A. *see* Naqvi, A.A. 87961
Aksoy, A. *see* Naqvi, A.A. 87962
Aktan, A.E. *see* Hrinko, W. 66600
Aktsipetrov, O.A., Fedyanin, A.A., Golovkina, V.N., Murzina, T.V. Optical second-harmonic generation induced by a dc electric field at the $Si-SiO_2$ interface 94595
Akui, N. *see* Kumazawa, N. 70702
Akulinichev, V.V., Mavrichev, M.E., Pivinskii, E.G. Three-stage compression of nanosecond laser pulses 73001
Akulov, Yu.A., Shikhaliev, P.M. Efficiency of gamma detection by a microchannel-plate detector 76863
Akul'shin, A.M., Ohtsu, M. Pulling of the emission frequency of an injection laser by Doppler-free absorption resonances in an intracavity cell 83045
Akune, H., Kobayashi, M., Ujiie, K., Umeda, Y., Suenaga, M., Hori, M., Yokozawa, M. Small-sized ghost reduction module 58565
Akutsu, K. *see* Kieliszek, A. 90245
Akutsu, K. *see* Masuda, S. 60642
Akutsu, T. *see* Urisu, T. 61298
Akutsu, Y. *see* Ohnishi, H. 68221
Akutsu, Y. *see* Todo, K. 99332
Akyel, C., Ghannouchi, F.M., Caron, M. A new design for high-power six-port reflectometers using hybrid stripline/waveguide technology 76175
Akyel, C. *see* Caron, M. 98284
Akyel, C. *see* Ke Wu 87441
Akyildiz, I.F., Cheng, X. Analysis of a finite buffer queue with different scheduling and push-out schemes 51748
Akyildiz, I.F. *see* Gong, Y. 64942
Akyurt, M. *see* Lamfon, N.J. 68468
Akyuz, D. *see* Chen, M. 67340
Al Hussaini, E.K. *see* El Mashade, R.B. 75581
Al Jabri, A.K., Alshebeili, S.A. Laguerre transform for speech compression 95274
Al Jabri, A.Kh., Al Rohaily, F. Adaptive power transmission schemes for meteor-burst communication 75381

Al Jabri, A.Kh., Al-Thukair, F., Mirza, A. Private-key encryption based on concatenation of codes 64294
Al Jabri, A.Kh. *see* Al-Mashouq, K.A. 96103
Al Rohaily, F. *see* Al Jabri, A.Kh. 75381
AL Rousan, M.A. *see* Obaidat, M.S. 51862
Al Shenk, N. Uniform error estimates for certain narrow Lagrange finite elements 69894
Al-Ahmad, H. *see* Al-Faraj, F. 75647
Al-Ali, A.-R.K. *see* Abuelma'atti, M.T. 80508
Al-Ali, A.R., Abuelma'atti, M.T., Naveed, A. Self-tuned programmable active-R square wave generator 61599
Al-Ali, A.R., Guizani, M. Optical interface unit for communication systems 52581
Al-Anani, N.A. Impulse magnetisation requirements of rare-earth permanent magnets 93896
Al-Ani, S.K.J. *see* Makadsi, M.N. 71097
Al-Arainy, A.A., Malik, N.H., Qureshi, M.I. Influence of sand/dust contamination on the breakdown of asymmetrical air gaps under switching impulses 50124
Al-Araj, A.G., Sayood, K. Vector quantization of nonstationary sources 51332
Al-Assadi, S.A.K. *see* Zaheer-Uddin, M. 100950
Al-Assadi, W.K., Lu, D., Jayasumana, A.P., Malaiya, Y.K., Tong, C.Q. Data-feedthrough faults in circuits using unclocked storage elements 55200
Al-Assady, N.H., Al-Bayati, A.Y. Minimization of extended quadratic functions with inexact line searches 69767
Al-Baiyat, S.A., Bettayeb, M., Al-Saggaf, U.M. New model reduction scheme for bilinear systems 89877
Al-Bassam, A.A.I. *see* Al-Dhafiri, A.M. 71205
Al-Bassam, S., Bose, B. Asymmetric/unidirectional error correcting and detecting codes 51340
Al-Bayati, A.H., Boyd, K.J., Marton, D., Todorov, S.S., Rabalais, J.W., Zhang, Z.H., Chu, W.K. Substrate temperature dependence of homoepitaxial growth of Si using mass selected ion beam deposition 79961
Al-Bayati, A.H. *see* Sung, M.M. 87893
Al-Bayati, A.Y. *see* Al-Assady, N.H. 69767
Al-Charchafchi, S.H., Schreck, H.G. Model predicts resonator frequency-splitting effects 92467
Al-Charchafchi, S.H., Sretenov, S. Conductor-backed coplanar waveguide end-coupled filter at X-band 80588
Al-Daas, M. *see* Rodriguez Tellez, J. 50040
Al-Dhafiri, A.M., Al-Bassam, A.A.I. The mechanism of the oxygen annealing in gold surface barriers on CdS_xSe_{1-x} devices 71205
Al-Dhahir, N., Cioffi, J. Optimal transmit for packet-based data transmission on dispersive channels with application to the FIR MMSE-DFE 85205
Al-Dhalaan, S., O'Kelly, D. Commutation in HVDC converters with by-pass valves 99655
Al-Dhalaan, S.M.S. *see* Alyan, M.A.A.S. 89841
Al-Eideh, B.M. A central limit theorem for absorbing Markov chains with r absorbing states 69703
Al-Faraj, F., Al-Ahmad, H. An MTI processor for ultrawideband radars 75647
Al-Feilat, E.A.A., El-Amin, I., Bettayeb, M. Power system harmonic estimation: a comparative study 59703
Al-Furaih, A. Evaluation and testing of turn insulation of large AC motors 68623
Al-Garni, A.Z., Zubair, S.M., Nizami, J.S. A regression model for electric-energy-consumption forecasting in Eastern Saudi Arabia 89169
Al-Ghamdi, S. *see* El-Hennawy, A. 50815
Al-Haddad, K. *see* Chaffai, R. 90454
Al-Haddad, K. *see* Chandra, A. 54166
Al-Haddad, K. *see* Cyr, J.-M. 90198
Al-Haddad, K. *see* Cyr, J.-M. 90199
Al-Haddad, K. *see* El-Asmar, C. 89950
Al-Haddad, K. *see* Ghanem, M.C. 68715
Al-Haddad, K. *see* Ghanem, M.C. 90133
Al-Haddad, K. *see* Ghanem, M.C. 90146
Al-Haddad, K. *see* Tou, M. 68864
Al-Haddad, K. *see* Tou, M. 90142
Al-Haddad, K. *see* Tou, M. 90145
Al-Haddad, M.N., Chuan Lin, Miller, W.H., Berliner, R.R. Development and testing of a flash analog-to-digital converter based system for pulse shape discrimination of nuclear radiation pulses 88252
Al-Hamadi, H., Boles, W.W. Detection of arbitrary objects in images using Hough technique — an efficient approach 74544
Al-Hamadi, H., Tsui, H.T. 3D surface approximation using polygons of fixed orientation for vision system in a mobile robot 74611
Al-Hamouz, Z. *see* Abdel-Salam, M. 64085
Al-Hamouz, Z. *see* Abdel-Salam, M. 68190
Al-Hamouz, Z. *see* Abdel-Salam, M. 94710
Al-Harbi, T.S. *see* El-Hennawy, A.E. 50018
Al-Hekail, Z.O., Burnside, W.D. A hybrid method for computing the scattered fields from complex structures 73307
Al-hemyari, K. *see* Villeneuve, A. 56853
Al-Ibrahim, M.M. *see* Abu-El-Haija, A.I. 91947
Al-Jalal, A.M. *see* Naqvi, A.A. 87962
Al-Jalal, M.A. *see* Naqvi, A.A. 67309
Al-Jalal, M.A. *see* Naqvi, A.A. 87961
Al-Jalili, Y.O., Hess, R. An automatic modulation recognition system 51299
Al-Jarallah, M.I., Abu-Jarad, F., Hallak, A.B., Coban, A., Islam, M. Investigation of proton response of CR-39 88200
Al-Jarrah, M.A. *see* Abu-El-Haija, A.I. 91947
Al-Jassim, M.M., Hasoon, F.S., Jones, K.M., Keyes, B.M., Matson, R.J., Moutinho, H.R. The characterization of CdS/CdTe thin films for solar cell applications 81234
Al-Jassim, M.M., Hasoon, F.S., Jones, K.M., Keyes, B.M., Matson, R.J., Moutinho, H.R. The morphology, microstructure and luminescent properties of CdS/CdTe thin film solar cells 100502
Al-Jassim, M.M. *see* Bode, M.H. 90447
Al-Jassim, M.M. *see* Luo, H. 54854
Al-Jassim, M.M. *see* Zweibel, K. 100489
Al-Khafaji, M.A., Manaf, A., Zhang, P., Ahmed, I., Rainforth, W.M., Davies, H.A. Nanostructure investigation of rapidly solidified NdFeB hard magnetic alloys 82260
Al-Khafaji, M.A. *see* Leonowicz, M. 71948
Al-Khalili, D. *see* Zhang, G. 61808
Al-Khatib, K. *see* Bouridane, A. 95920
Al-Khayat, N., Haydock, L. Analytical and new transmission line equivalent circuit modelling methods for swept frequency of power transformers 54058
Al-Kurd, A.A., Porter, R.P. Holographic array processing using short arrays 97450
Al-Mamun, A. *see* Lee, T.H. 50367
Al-Mashhadani, E.M. *see* Sadowski, M. 59175
Al-Mashouq, K.A., Al Jabri, A.Kh. Unstructured to structured error correction using neural nets 96103
Al-Mashouq, K.A., Reed, I.S. The use of neural nets to combine equalization with decoding 73679
Al-Mashouq, K.A., Reed, I.S. The use of neural nets to combine equalization with decoding for severe intersymbol interference channels 95063
Al-Mawlawi, D., Liu, C.Z., Moskovits, M. Nanowires formed in anodic oxide nanotemplates 93156
Al-Naami, R. Queueing analysis of slotted ALOHA with finite buffer capacity 96182
Al-Naser, U.M., Biyari, K.H. Measured statistical characteristics of 8 GHz fading microwave channels for digital communications 51106
Al-Nimr, M.A. Temperature distributions inside electrical hot-water storage tanks 79004
Al-Nuaimi, M. *see* Hammoudeh, A. 57121
Al-Nuaimi, M.O., Ding, M.S. Prediction models and measurements of microwave signals scattered from buildings 75207
Al-Nuaimi, M.O., Hammoudeh, A.M. Measurements and predictions of attenuation and scatter of microwave signals by trees 51098
Al-Nuaimi, M.O. *see* Wille, V. 52316
Al-Odah, A.O. *see* Abuelma'atti, M.T. 80508
Al-Ohali, M.A. *see* Naqvi, A.A. 67309
Al-Otaiby, Z.T. *see* Ali, A.A. 65564
Al-Qaq, W.A., Devetsikiotis, M., Townsend, J.K. Simulation of digital communication systems using a stochastically optimised importance sampling technique 84483
Al-Qaq, W.A. *see* Devetsikiotis, M. 96192
Al-Qasimi, A.M. *see* Rushdi, A.M. 61085
Al-Raweshidy, H.S. Code division multiple access with parallel correlation for labelling optical fibre WDM system 85242
Al-Raweshidy, H.S., Brown, T.J., Cusworth, S.D., Senior, J.M. Telephony over passive optical network using a TDMA/CDMA hybrid scheme 86377
Al-Rizzo, H.M. *see* Tranquilla, J.M. 75686
Al-Ruwaihi, K.M., Noras, J.M. A novel linear resistor utilizing MOS transistors with identical sizes and one controlling voltage 71815
Al-Ruwais, A.S. *see* Ali, A.A. 65564
Al-Saggaf, U.M. *see* Al-Baiyat, S.A. 89877
Al-Saie, A.M. *see* Rahman, M.H. 70174
Al-Saleh, M.A., Gultekin, S., Al-Zakri, A.S., Celiker, H. Performance of porous nickel-electrode for alkaline H_2/O_2 fuel cell 68985
Al-Saleh, M.A., Gultekin, S., Al-Zakri, A.S., Celiker, H. Effect of carbon dioxide on the performance of Ni/PTFE and Ag/PTFE electrodes in an alkaline fuel cell 78799
Al-Shareef, H.N. *see* Bellur, K.R. 56135
Al-Shehri, A. *see* Abdel-Salam, M. 59970
Al-Shehri, A.M., El-Amin, M., Opoku, G. High-voltage interconnections in the Middle East 68030
Al-Shemmeri, T.T. Simulation of a gas turbine power plant 99954
Al-Taha, R.A. Starting response analysis of a commutatorless DC motor commutated by a six-pulse rotating invertor 100161
Al-Thukair, F. *see* Al Jabri, A.Kh. 64294
Al-Thukair, F.A. *see* Samhan, M.A. 79578
Al-Turaigi, M.A. *see* Ahmed, R.E. 80355
Al-Turaigi, M.A. *see* Khan, A.A. 92369
Al-Turaiki, M.H.S., Bukhari, A.R.S. A computerized data acquisition system for quantitative assessment of knee stability 88349
Al-Zakri, A.S. *see* Al-Saleh, M.A. 68985
Al-Zakri, A.S. *see* Al-Saleh, M.A. 78799
Al-Zamel, A.M.A.M. *see* Torrey, D.A. 68079
Ala, G., Buccheri, P., Francomano, E., Tortorici, A. An advanced algorithm for transient analysis of grounding systems by moments method 51145
Alabau, F., Moussaoui, M. Singular perturbation analysis for multi-dimensional semiconductors 81750
Alaeddine, A., Rammal, M., Reineix, A., Jecko, B. New series-fed traveling-wave array 57283
Alaerts, A. *see* Dierickx, B. 67378
Alaerts, A. *see* Ricquier, N. 66457
Alaettinoglu, C., Shankar, A.U. Viewserver hierarchy: a new inter-domain routing protocol 65324
Alagar, S., Venkatesan, S. An optimal algorithm for distributed snapshots with causal message ordering 74699
Alagoz, L. *see* Gurunlu, C. 89938
Alagudu, M., Vira, N. Simultaneous two-coordinate measurements at sub-micron levels 87530
Alaimo, M. *see* Palleau, J. 81107
Alajaji, F., Fuja, T. The performance of focused error control codes 51347
Alakula, M., Carlsson, A. An induction machine servo with one current controller and an improved flux observer 100114
Alam, M.A., Lundstrom, M.S. Scattering matrix formulation of electron transport in compound semiconductor devices 55853
Alam, M.A., Lundstrom, M.S. Simulation of compound semiconductor devices using a scattering matrix approach 62722
Alam, M.K. *see* Ghodsi, R. 71705
Alam, M.S. Multiprocessor design using joint transform correlator 56482
Alam, M.S. Parallel optical computing using recoded trinary signed-digit numbers 72515
Alam, M.S. Optical carry-free addition and borrow-free subtraction using signed-digit numbers 82785
Alam, M.S. Improving intra-class correlation performance in a real-time optical correlator 85090
Alam, M.S., Hirayama, K., Hayashi, Y., Koshiba, M. Finite element analysis of propagating, evanescent, and complex modes in finlines 51162
Alam, M.S., Karim, M.A. Multiple target detection using a modified fringe-adjusted joint transform correlator 57646
Alam, M.S., Karim, M.A. Improved real-time optical pattern recognition using joint transform correlation 57730
Alam, M.S., Karim, M.A. Multioutput logical processor using joint transform correlator 72517
Alam, M.S. *see* Das, K.K. 82596
Alam, M.S. *see* Majumder, S.P. 85092
Alam, S. *see* Fenker, H. 67313
Alamgir, M., Abraham, K.M. Studies to improve the Li/SO_2Cl_2 cell 54141
Alamo, J.A.del *see* del Alamo, J.A.
Alamouti, S.M., Kallel, S. Adaptive trellis-coded multiple-phase-shift keying for Rayleigh fading channels 64316
Alan, I., Lipo, T.A. Control of a polyphase induction generator/induction motor power conversion system completely isolated from the utility 68635
Alang-Rashid, N.K. *see* Holbert, K.E. 84249
Alani, R., Swann, P.R. Recent advances in ion milling techniques and instrumentation for TEM specimen preparation of materials 81410
Alaniemi, M.-T. *see* Niemela, J. 68452
Alarcon, R. *see* Dolfini, S.M. 76854
Alarcon, R. *see* Mandeville, J.B. 76855
Alasia, F., Capelli, A., Cignolo, G., Sardi, M. A new generation of mercury manometers at the IMGC 66728
Alavi, K. *see* Goldsmith, C.L. 82726
Alavi, K. *see* Hozhabri, N. 70001
Alavi, K. *see* Hozhabri, N. 70060
Alavi, K. *see* Hozhabri, N. 79800
Alavi, R., Khan, M.M. Network architecture and radio link performance of MOBITEX systems 65673
Alavie, A.T., Maaskant, R., Ohn, M.M., Rizkalla, S., Measures, R.M. Application and characterization of intracore grating sensors in a CFRP prestressed concrete girder 98057
Alavie, A.T., Ohn, M.M., Glennie, D.J., Karr, S.E., Maaskant, R., Fishbein, G., Lee, R., Huang, S.Y., Measures, R.M. Practical considerations for a four channel multiplexed Bragg grating fiber sensor system 52923
Alavie, A.T. *see* Karr, S.E. 52929
Alavie, A.T. *see* Measures, R.M. 98069
Alavie, A.T. *see* Uttamchandani, D. 50493
Alavie, T. *see* Measures, R.M. 52888
Alawadi, H.A., Johnson, B.C., Schlameus, D. Predicting and understanding thermal performance in today's instrument loops 87583
Alawaji, S.H., Lo, K.L. A new approach for solving the problem of unit commitment 59814
Alay, J. *see* De Coster, W. 49806
Alay, J. *see* Verhaverbeke, S. 62494
Alaywan, Z. *see* Papalexopoulos, A. 53620
Alaywan, Z. *see* Papalexopoulos, A. 77951
Alba, J.J., Sanchez, J., Tora, M., Reig, A., Legorburu, L., Marquinez, F. Integration of knowledge-based tools in an EMS environment: guidelines and case study 77931
Alba, J.J. *see* Sanz-Bobi, M.A. 78438

Albanese, A. *see* Girardi, G. 51950
Albanese, R., Fresa, R., Martone, R., Rubinacci, G. An error based approach to the solution of full Maxwell equations 83429
Albanese, R., Fresa, R., Miano, G., Rubinacci, G., Verolino, L. Finite element solution of nonlinear Maxwell equations in the time domain 73265
Albano, R.K. *see* Makowitz, H. 87937
Albantov, A.F., Levin, A.L. New functional possibilities for amperometric dissolved oxygen sensors 98135
Albareda, A. *see* Perez, R. 56174
Albarede, P.-H. *see* Druet, E. 81520
Albares, D.J. *see* Imthurn, G.P. 72651
Albat, H., Bornfleth, H., Kniep, U., Schinschek, S. The Rheinufer tunnel in Dusseldorf. Its electrical systems are setting new standards in transport safety 100904
Albaugh, J.R., Kornblit, M.J. Updating a steel mill power system to improve reliability and decrease energy costs 69265
Albaugh, J.R., Kornblit, M.J. Updating a steel mill power system to improve reliability and decrease energy costs 90689
Albella, J.M. *see* Vazquez, L. 71080
Albella, J.M. *see* Vazquez, L. 79968
Alber, C. *see* Rocken, C. 59550
Alber, C. *see* Ware, R. 59537
Alber, G., Migliaro, M.W. What's really necessary for stationary battery maintenance 60418
Alber, T., Eckardt, V., Fessler, H., Schonfelder, S., Seyboth, P. A study of argon, neon and helium based gas mixtures for improving the spatial resolution in time projection chambers 98500
Alberhasky, S. *see* Uppili, S. 62963
Alberici, A. Electrical standards in Italy and in international organisations 60711
Alberkrack, J. *see* McGinn, M. 86687
Albers, J.N. *see* Lao, Z. 52288
Albers, J.N. *see* Lao, Z.H. 75498
Albert, J. Forecasting satellite demand 88637
Albert, J. *see* Hill, K.O. 86452
Albert, J. *see* Hill, K.O. 97288
Albert, J. *see* Kitagawa, T. 72787
Albert, J. *see* Malo, B. 63443
Albert, J. *see* Malo, B. 72383
Albert, M. *see* Lebowsky, F. 97627
Albert, M.J. Thermal rating characteristics of UHF power capacitors 90336
Albert, P.-B. *see* Sommer, V. 56037
Albert, R., Vorwalder, G. Completion of existing CATV networks for providing new services 86754
Albert, T.M. Large-area scanning X-ray source to maximize contrast sensitivity by minimizing scatter detection 59227
Alberta, E.F., Taylor, D.J., Bhalla, A.S., Takenaka, T. The DC field dependence of the piezoelectric, elastic and dielectric constants for a lead zirconate-based ceramic 50144
Albertazzi, A., Jr. Holographic station: a practical system for applying TV holography 73158
Albertazzi, A., Jr. Generalized least squares approach to compute displacements, strains and rotations from combined single and/or double illumination holographic interferometry 76196
Albertengo, G. *see* Marsan, M.A. 52175
Albertengo, G. *see* Marsan, M.A. 65365
Alberter, G., Deutges, H., Hinkers, G. Radiolocation with standard software WinLoc 52663
Alberti, K., Fetting, F. Zeolites as sensitive materials for dielectric gas sensors 98155
Alberti, S. *see* Kimura, T. 76639
Alberti, S. *see* Menninger, W.L. 71042
Albertine, J. *see* Graves, B.R. 94336
Albertini, J.-B. *see* Guerin, C. 83478
Alberts, L.K. Formal representations in design: discussion. What is a formal representation and what is it good for? 90907
Alberts, V. Influence of initial growth parameters on the structural and optical properties of GaAs on (001) Si 61304
Alberts, V. Initial stages of organometallic-vapour-phase epitaxial AlGaAs grown on (001) Si 79867
Alberts, V., Neethling, J.H., Leitch, A.W. Correlation between structural, optical, and electrical properties of GaAs grown on (001) Si 62169
Alberts, W.G. *see* Bartlett, D.T. 88595
Alberts, W.G. *see* d'Errico, F. 88609
Alberts, W.G. *see* Luszik-Bhadra, M. 88177
Albertsen, A., Hansen, U.-P. Estimation of kinetic rate constants from multi-channel recordings by a direct fit of the time series 98895
Albertsen, N.C., Pontoppidan, N., Sorensen, S.B., Crone, G.A.E. Beam optimization by means of a reconfigurable reflector with true bending stiffness 51249
Albertsson, O. *see* Hornfeldt, S. 60275
Albery, W.J., Appleton, M.S., Pragnell, T.R.D., Pritchard, M.J., Uttamlal, M., Fieldgate, L.E., Lawrence, D.R., Sharpe, F.R. Development of an electrochemical workstation for monitoring the fermentation of beer 76247
Albesano, D. *see* Gemello, R. 95324
Al'betkov, S.V., Sakharov, K.Yu., Sokolov, A.A., Turkin, V.A. A generator of powerful pulses with a subnanosecond rise time 60298
Albicki, A. *see* Hossain, R. 55219
Albicki, A. *see* Hossain, R. 92058
Albicki, A. *see* Xie, X. 49391
Albin, D. *see* Contreras, M.A. 100507
Albin, D. *see* Tuttle, J.R. 100495
Albin, D.S. *see* Gabor, A.M. 78820
Albin, D.S. *see* Gabor, A.M. 90407
Albin, D.S. *see* Tuttle, J.R. 91549
Albin, S., Bryant, A.L., Egalon, C.O., Rogowski, R.S. Injection efficiency from a side-excited thin-film fluorescent cladding of a circular waveguide 58802
Albinus, C., Forster, E., Michler, E. Investigations into model formulation for the diffraction at corners of buildings in microcells 58311
Albir, F.J.Hurtado *see* Hurtado Albir, F.J.
Albon, R. Interconnection pricing. An analysis of the efficient component pricing rule 65123
Albornoz, J.G., Hernandez, E., Wasim, S.M., Bocaranda, P. Variable range hopping conduction in $CuInSe_2$ in the presence of a Coulomb gap 62219
Albornoz, J.G. *see* Hernandez, E. 62209
Albrand, G. *see* Flory, F. 58989
Albrecht, A. *see* Spratt, M. 85701
Albrecht, E. *see* Adam, W. 88114
Albrecht, F. *see* Hochadel, B. 53103
Albrecht, G.F. *see* Comaskey, B. 94402
Albrecht, G.F. *see* Velsko, S.P. 63702
Albrecht, M. *see* Hansson, P.O. 70023
Albrecht, P. *see* Kaiser, R. 56593
Albrecht, R. *see* Kajcsos, Zs. 88051
Albrecht, T., Matz, G., Hunte, T., Hildemann, J. An intelligent gas sensor system for the identification of hazardous airborne compounds using an array of semiconductor gas sensors and Kohonen feature map neural networks 87333
Albrektsen, O., Salzman, J., Tidemand-Petersson, P., Hanberg, J., Moller-Larsen, A., Nielsen, J.M. Gratings for distributed feedback lasers formed by selective epitaxial growth 56816
Albright, K.L. *see* Turko, B.T. 87055
Albright, K.L. *see* Turko, B.T. 95520
Albrittion, J. *see* Faska, T.S. 87298
Albrow, M. *see* Borer, K. 76790
Albul, A.V. *see* Akimov, B.A. 49787
Albulet, M. A new CAD method for narrowband matching circuits 55036
Albuquerque, A.A. *see* Correia, A.M.C. 52365
Albuquerque, A.A. *see* Correia, A.M.C. 86232
Albuquerque, A.A.de *see* de Albuquerque, A.A.
Albuquerque, A.de *see* de Albuquerque, A.
Albuquerque, J.P.A., Coelho, P.H.G. On the performance of pilot-aided coherent detection of M-ary PSK carriers in mobile satellite communications 86097
Albuquerque, M.R.M.L.de *see* de Albuquerque, M.R.M.L.
Albuquerque, P. Spot billing: an idea whose time has come 89389
Alcaim, A. *see* Solewicz, J.A. 95337
Alcaraz, J. *see* Adriani, O. 88023
Alcazar, J. *see* Naylor, P. 95260
Alcini, G. *see* Sabella, R. 82719
Alcock, A.J. *see* Bernard, J.E. 63687
Alcock, A.J. *see* Lokhnygin, V.D. 56691
Alcock, M. *see* Tran, T. 52924
Alcock, S.J., Turner, A.P.F. Continuous analyte monitoring to aid clinical practice 67451
Alcon, R.R. *see* Gustavsen, R.L. 87553
Alcubilla, R. *see* Castaner, L.M. 49973
Aldana, F. *see* Riesgo, T. 82050
Aldea, G.S. *see* He, B. 67544
Aldeen, M. *see* Lau, K.-H. 59820
Aldeen, R.M.Jamal *see* Jamal Aldeen, R.M.
Alden, R.T.H. *see* Lakhani, K.R. 99834
Alden, R.T.H. *see* Tang, C.K. 89009
Alder, M. *see* Yaxin Zhang 95360
Alder, M. *see* Zhang, Y. 64357
Alder, M.D. *see* McLaughlin, R.A. 85133
Alderucci, V. *see* Recupero, V. 60431
Alderucci, V. *see* Saiti, P. 60425
Aldinger, F. *see* Majewski, P. 63269
Aldred, B., Lambert, H., Mitchell, D. Community networking—a LAKES approach 85764
Aldrich, B., Desai, M. Application of spatial grey level dependence methods to digitized mammograms 59381
Aldrich, D.L. *see* King, R.R. 100631
Aldridge, A. *see* Omidyar, C.G. 65145
Aldridge, N. *see* Baister, G.C. 52445
Aldridge, R.V. *see* Bangham, J.A. 84643
Aldworth, R. *see* Slater, A. 54240
Alebastrov, V.A., Mal'tsev, A.T., Oros, V.M., Shlionskiy, A.G., Yarko, O.I. Some characteristics of echo signals 64148
Alebastrov, V.A. *see* Evstratov, F.F. 53583
Alegret, M.L.Sene *see* Sene Alegret, M.L.
Aleinikov, V.E., Bamblevskij, V.P., Komochkov, M.M., Krylov, A.R., Mokrov, Yu.V., Timoshenko, G.N. Reference neutron fields for metrology of radiation monitoring 67657
Aleinikova, T., Ciegis, R. On the iterative methods for linear problems with discontinuous coefficients 61132
Alejos-Palomares, R. *see* Baez-Lopez, D. 55322
Alekhin, B.V. *see* Selemir, V.D. 92895
Aleksandrov, A.F., Galuzo, S.Yu., Kuznetsov, A.M. Starting conditions of relativistic carcinotrons with consideration for interaction between the electron beam and the forward wave 62119
Aleksandrov, A.F., Kubarev, V.A., Cherepenin, V.A. Monotron mechanism for electromagnetic emission and self modulation of the electron flux in relativistic plane diodes 55514
Aleksandrov, A.V., Calabrese, R., Ciullo, G., Dikansky, N., Guidi, V., Kot, N.C., Kudelainen, V.I., Lamanna, G., Lebedev, V.A., Lenisa, P., Logachov, P.V., Maciga, B., Tecchio, L., Yang, B. Investigation on relaxations in electron beams 87901
Aleksandrov, B.P., Vtorova, N.E., Isaeva, L.D., Shcheglov, V.A. Continuous-wave supersonic first-overtone chemical HF laser 63651
Aleksandrov, G.N. AC power transmission using enhanced-capacity compact lines and controlled shunt reactors 89137
Aleksandrov, G.N., Evdokunin, G.A. Application of phase-to-phase and phase-to-ground surge limiters on the lines 99770
Aleksandrov, G.N., Yevdokunin, G.A. The use of suspended metal oxide arresters for phase-to-earth and phase-to-phase overvoltages 78220
Aleksandrov, I.V. *see* Arkhireev, V.O. 86344
Aleksandrov, I.V. *see* Nesterova, Z.V. 83233
Aleksandrov, M.S., Yepanechnikov, V.A., Kazarov, Yu.V. Remote observation of the development of storm activity 99179
Aleksandrov, O.I. Elimination of circuits in noniterative calculation of current distribution 59903
Aleksandrov, S.A., Tanin, L.V. A holographic method for investigating liquid and gas media 56997
Aleksandrov, S.A., Tanin, L.V. A holographic polarization method of determining the surface shape 76208
Aleksandrov, V.Yu. *see* Davydov, V.N. 93272
Aleksandrova, V.M. *see* Panin, V.M. 91336
Alekseev, A.A. Regular and chaotic modes of a frequency-controlled self-excited oscillator 49202
Alekseev, A.A., Kirillov, A.B. Modification of the ambiguity functions and the Wigner distribution in the Walsh basis 84339
Alekseev, A.N., Karpov, S.Yu. Thermal etching of the GaAs (100) surface in vacuum 81542
Alekseev, A.N., Karpov, S.Yu., Myachin, V.E., Pogorel'skii, Yu.V., Rusanovich, I.Yu., Sokolov, I.A., Fokin, G.A. Comparative investigations of the GaAs(100) surface under static conditions and during epitaxial growth from molecular beams 91451
Alekseev, A.P., Meledin, G.F. Investigation of factors affecting the reliability of optico-television and visual inspection methods 55008
Alekseev, A.V., Sushilov, N.V., Kholodkevich, E.D. Transformation of the spectrum of an intracavity field by a resonantly absorbing medium 63900
Alekseev, B. SF_6 gas-filled transformers 100204
Alekseev, E.I., Bazarov, E.N., Gapontsev, V.P., Gerasimov, G.A., Gubin, V.P., Karpenko, V.A., Kuznetsov, A.V., Samartsev, I.E., Starostin, N.I., Fomin, V.V. An optical-fiber gyroscope with an optical-fiber radiation source operating at 1.54 μm 52883
Alekseev, G.I., Mil'man, V.A. On calculating the mutual inductance of a straight conductor and an elliptical loop 92652
Alekseev, V., Liber, V., Starikov, A., Anspoks, A., Auzins, E., Klotins, E., Kotleris, J. High efficiency angular deflection of the laser beam: PLZT/intracavity array 83200
Alekseev, V.G. Kernels of Jackson type and their application to designing low-pass filters 80483
Alekseev, V.G., Gel'fand, Ya.S. Comparison of algorithms for isolating the differential protection of transformers from magnetising current surges 100191
Alekseev, V.N., Dmitriev, D.I., Zhilin, A.N., Reshetnikov, A.N., Starikov, A. Precision of control of the angular distribution of radiation from a neodymium glass laser with phase conjugation and an intracavity space-time light modulator 94406
Alekseev, V.Yu. *see* Byalik, O.M. 98334
Alekseyev, V.G., Gelfand, Y.S. Comparison of algorithms for differential protection of transformers 54064
Alekseyev, V.Yu. *see* Byalik, O.M. 76239
Alekso, A.I., Barinberg, G.D. Cogeneration steam turbines and ways to improve them further 89622
Alemany, A. *see* Leboucher, L. 100770
Alemany, A. *see* Thibault, J.-P. 100773
Alemany, C. *see* Pardo, L. 56143
Alencar, M.S., Blake, I.F. The capacity for a discrete-state code division multiple-access channel 75312
Alencar Lotufo, R.de *see* de Alencar Lotufo, R.
Alengrin, G. *see* Berenguer, C. 84436
Alengrin, G. *see* Ferrari, A. 95433
Alenitckiy, Yu.G., Chesnov, A.F., Chesnova, S.I., Morozov, N.A., Pryanichnikov, V.I., Samsonov, E.V., Sukhanov, V.I., Vasilenko, A.T., Zaplatin, N.L. Superconducting C-shaped magnet for deuteron cyclotron DC-1 94015
Alens, N. *see* Ramirez, M.A. 73897
Alens, N. *see* Ramirez, M.A. 95259
Alerhand, O.L. *see* Meade, R.D. 56291
Ales, M. *see* Powell, T.J. 49500

Aleshin, A.N., Enukova, T.A., Lavrenova, E.N., Malyarov, V.G. Development and testing of a cryogenic bolometer with a thin-film semiconducting heat sensor 66708

Alessandrello, A., Brofferio, C., Camin, D.V., Cremonesi, O., Danevich, F.A., de Marcillac, P., Fiorini, E., Giuliani, A., Kouts, V.N., Nikolayko, A.S., Pavan, M., Pessina, G., Previtali, E., Vignoli, C., Zanotti, L., Zdesenko, Yu.G. Bolometric measurement of the beta spectrum of ^{113}Cd 59163

Alessandrello, A., Brofferio, C., Camin, D.V., Cremonesi, O., Fiorini, E., Giuliani, A., Pavan, M., Pessina, G., Previtali, E., Zanotti, L. Measurements of residual radioactivity in neutron transmutation doped thermistors 88147

Alessandrello, A., Brofferio, C., Camin, D.V., Cremonesi, O., Giuliani, A., Pavan, M., Pessina, G., Previtali, E. An electrothermal model for large mass bolometric detectors 59111

Alessandri, F., Dionigi, M., Sorreratino, R., Mongiardo, M. A fullwave CAD tool of waveguide components using a high speed direct optimizer 80615

Alessandri, F., Menzel, W., Mongiardo, M., Sorrentino, R. Efficient full-wave analysis of coplanar waveguide to slotline interconnections with finite metallization thickness accounting for air bridge effects 80567

Alessandria, F. *see* Acerbi, E. 63871

Alessi, J.G. *see* Hershcovitch, A.I. 67276

Aletras, A.H. *see* Abduljalil, A.M. 67531

Alevra, A.V. *see* Thomas, D.J. 67654

Alexa, D., Neacsu, D. PAM GTO inverter with quasi resonant DC link 78695

Alexa, D. *see* Pastravanu, A. 90143

Alexander, C.K., Bolle, D.M., Read, W. Securing ethics support 69368

Alexander, D. *see* Drennan, P.G. 81709

Alexander, D. *see* Seidler, W. 82077

Alexander, D.R., Williams, S.M. An optimal PWM algorithm implementation in a high performance 125 kVA inverter 60348

Alexander, G. *see* Sufana, C. 89347

Alexander, G.C. *see* Ruqi Li 78890

Alexander, G.P. *see* Ketkar, S.N. 62373

Alexander, H., Rogge, D. Harmonics: causes, problems, solutions. I 53595

Alexander, H., Rogge, D. Harmonics: causes, problems, solutions. 2 59920

Alexander, H.A. *see* Gillies, D.C. 61221

Alexander, H.L. *see* Weigl, H. 53493

Alexander, J.H., Shaikh, A.S. The use of silver and silver plus gold conductors with the ferro low temperature tape 91055

Alexander, J.H. *see* Sjoling, B. 54501

Alexander, J.M. *see* Gelderloos, C.J. 98534

Alexander, J.P., Bebek, C., Browder, T.E., Dobbins, J.A., Gray, S.G., Honscheid, K., Jones, C.D., Katayama, N., Katris, J.S., Kim, P.C., Selen, M., Worden, H.M., Wuerthwein, F.K., Gronberg, J., Korte, C., Morrison, R.J., Nelson, H.N., Nelson, T.K., Schmidt, D.M., Sperka, D., Qiao, C., Tajima, H., Cinabro, D., Henderson, S., Yamamoto, H., Artuso, M., Sobolewski, Z., Akerib, D., Chadha, M., Chan, S., Cowan, D.F., Miller, J.S., Balest, R., Smith, J.G. Studies of radiation damage to CAMEX64 preamplifiers exposed to γ-rays at the Cornell High Energy Synchrotron Source 70305

Alexander, J.P., Bebek, C.J., Browder, T.E., Dobbins, J.A., Gray, S.G., Honscheid, K., Jones, C.D., Katayama, N., Katris, J.S., Kim, P.C., Selen, M., Worden, H.M., Wurthwein, F., Gronberg, J., Morrison, R.J., Hale, D.L., Korte, C., Kyre, S., Nelson, H.N., Nelson, T.K., Qiao, C., Schmidt, D.M., Sperka, D.J., Tajima, H., Cinabro, D., Henderson, S., Miller, L.H., Yamamoto, H., Artuso, M., Sobolewski, Z., Akerib, D., Chadha, M., Chan, S., Cowan, D.F., Miller, J.S., Balest, R., Smith, J.G. Studies of double-sided, double-metal silicon microstrip detectors 59072

Alexander, K.E., Hargreaves, J.S., Reihani, M. On the processing of i-line positive resists with a top anti-reflective coating 62606

Alexander, M., Srihari, K., Emerson, C.R. Cost based surface mount PCB design evaluation 80987

Alexander, M. *see* Allen, M.S. 85812

Alexander, M. *see* Jin, Y. 71209

Alexander, M. *see* Pham, D. 92287

Alexander, M.A., Mohajeri, H., Prayogo, J.O. A 192 ks/s sigma-delta ADC with integrated decimation filters providing −97.4 dB THD 92326

Alexander, M.J., Cohoon, J.P., Ganley, J.L., Robins, G. An architecture-independent approach to FPGA routing based on multi-weighted graphs 91737

Alexander, M.J., Salter, M.J., Gentle, D.G., Holland, K.P. Advances in measurement methods and reduction of measurement uncertainties associated with antenna calibration 73371

Alexander, R. *see* Miller, S.P. 99141

Alexander, S., Koehler, J., Stolzy, J., Andre, M. A mission management system architecture for cooperating air vehicles 88939

Alexander, S.B. *see* Stevens, M.L. 86456

Alexander, S.T., Stonick, V.L. Fast adaptive polynomial root tracking using a homotopy continuation method 84304

Alexander, T. *see* Rashid, E. 92286

Alexander, T.L., Balakrishnan, N. Efficient estimation of the mean of an exponential distribution when two outliers are present 91233

Alexander, T.L., Boreman, G.D., Ducharme, A.D., Rapp, R.J. Point-spread function and MTF characterization of the kinetic-kill-vehicle hardware-in-the loop simulation (KHILS) infrared-laser scene projector 67951

Alexander, W.E. *see* Kwanghoon Sohn 64863

Alexander, W.E. *see* Yoon, S.H. 74231

Alexandre, F. *see* Lamare, B. 81439

Alexandre, P., Boudy, J., Lockwood, P. Root homomorphic deconvolution schemes for speech processing in car noise environments 73855

Alexandrescu, R., Dragnea, B., Morjan, I., Stoica, M. Substance separation by the action of a pulsed IR laser radiation on gas-mixture flows through capillaries 83411

Alexandro, F.J. *see* Khadem, M. 78309

Alexandrou, A. *see* Boyer, G.R. 82535

Alexandrou, D. *see* Michalopoulou, Z.H. 99136

Alexandrou, D. *see* Pantzartzis, D. 99257

Alexandrou, S., Chia-Chi Wang, Currie, M., Sobolewski, R., Hsiang, T.Y. Loss and dispersion at subterahertz frequencies in coplanar waveguides with varying ground-plane widths 70821

Alexandrou, S., Chia-Chi Wang, Sobolewski, R., Hsiang, T.Y. Generation of subpicosecond electrical pulses by nonuniform illumination of GaAs transmission-line gaps 72587

Alexandrou, S. *see* Chia-Chi Wang 72584

Alexandrou, S. *see* Chia-Chi Wang 72601

Alexandrou, S. *see* Chia-Chi Wang 94178

Alexandrov, N. *see* Braunovic, M. 61959

Alexandrov, V. *see* Perelstein, E. 76542

Alexandrova, E.L. *see* Mirzoeva, L.A. 72290

Alexandruk, V. *see* Yoshiki, H. 54932

Alexanian, H. *see* Dell'Acqua, A. 87955

Alexeev-Popov, A. *see* Rysiakiewicz-Pasek, E. 56298

Alexenko, A.E. *see* Guseva, M.B. 70082

Alexiev, D., Butcher, K.S.A., Edmondson, M., Tansley, T.L. Neutron transmutation doping of liquid phase epitaxial gallium arsenide 49863

Alexiev, D., Butcher, K.S.A., Williams, A.A. Gamma-ray detectors from thermally annealed Bridgman-grown CdTe 79772

Alexiev, D. *see* Sumner, T.J. 88038

Alexiou, G., Stiliadis, D., Kanopoulos, N. Design and implementation of a high-performance, modular, sorting engine 49476

Alexis, R. *see* Baker, A. 92225

Alexopoulos, N.G., Shih-Chang Wu Frequency-independent equivalent circuit model for microstrip open-end and gap discontinuities 80730

Alexopoulos, N.G. *see* Antilla, G.E. 51056

Alexopoulos, N.G. *see* Ming-Ju Tsai 80871

Alexov, E.G., Ivanov, S.T., Kapchinskii, M.I. Rejection band in waveguide filled with cold magnetoactive plasma 61862

Alfa, A.S., Dolhun, K.L., Li, C.-L. A scheduling problem in a semi-open job shop—the case of a cordset manufacturing company 69507

Alfa, A.S. *see* Yannopoulos, E. 74679

Alfano, B., Bandettini, A., Bencivelli, W., Bertolucci, E., Bottigli, U., Conti, M., Del Guerra, A., Fantacci, M.E., Gambaccini, M., Larobina, M., Marziani, M., Randaccio, P., Rosso, V., Russo, P., Stefanini, A. Digital imaging in radiology: preliminary results obtained with a high spatial resolution 2D silicon detector 59375

Alfano, R.R. *see* Haglund, R.F., Jr. 72363

Alfano, R.R. *see* Sutkus, K. 50834

Alfano, R.R. *see* Wang, Q.Z. 72329

Alfano, R.R. *see* Wang, Q.Z. 94111

Alfaro, L.de *see* de Alfaro, L.

Alfe, D. *see* Abrami, A. 98715

Alfeev, V.A. *see* Ovsyannikov, V.P. 53174

Alfeev, V.S. *see* Ovsyannikov, V.P. 53175

Alferness, R.C. *see* Heismann, F. 50712

Alferness, R.C. *see* Kim, I. 56764

Alferness, R.C. *see* Kim, I. 63466

Alferov, D.F., Vozdvizhenskii, V.A., Korobova, N.I., Sibiryak, I.O., Sidorov, V.A. Quad-discharge controlled vacuum spark gap 60380

Alferov, V.G., Ha Kuang Fuk Root-hodograph evaluation of the dynamic properties and the pair of dominant roots 68533

Alferov, Zh.I. *see* Kirstaedter, N. 83054

Alfimov, G.L., Silin, V.P. Small-scale spatially periodic Josephson structures 93929

Alfons, H.A. *see* Anis, W.R. 68489

Alfons, H.A. *see* Anis, W.R. 90102

Alfonsetti, R. *see* Diamanti, R. 61729

Alfonzetti, S., Coco, S. Notes about "Magnetic vector potential computing from tetrahedral conductors" 73225

Alfonzetti, S. *see* Aiello, G. 73408

Alfonzetti, S. *see* Aiello, G. 80877

Alfonzetti, S. *see* Aiello, G. 83465

Alford, M. *see* Kadar, I. 75522

Alford, M. *see* Willett, P. 97891

Alford, N.McN. *see* Ivrissimtzis, L.P. 95014

Alford, N.McN. *see* Miklich, A.H. 63312

Alford, W.J. *see* Raymond, T.D. 94597

Alfrey, A.J. Simple 1 micron ring laser oscillators pumped by fiber-coupled laser diodes 94388

Alfuhaid, A.S. *see* Ouñ, E.A. 78114

Algalarrondo, D., Bregant, G., Muller, J., Voge, C. Intelligent network services 96848

Algani, C. *see* Zuberek, W.M. 49069

Algarte, A.C.S. *see* Rego, L.G.C. 49773

Algazi, V.R., Hiwasa, N. Perceptual criteria and design alternatives for low bit rate video coding 95950

Alghamdi, A.A. *see* Dasgupta, A. 82201

Alghuwainem, S.M. Matching of a DC motor to a photovoltaic generator using a step-up converter with a current-locked loop 60244

Algoet, P.H. The strong law of large numbers for sequential decisions under uncertainty 73581

Algora, C. *see* Marti, A. 100518

Algra, E. *see* Lolgen, P. 100644

Algra, E. *see* Weeber, A.W. 81491

Algrain, M. Kalman filtering of 3-D gyroscopic measurements 58651

Algrain, M.C. Gyroless line-of-sight stabilization for pointing and tracking systems 59461

Alguindigue, I.E. *see* Eryurek, E.E. 78341

Alhamadi, M.A., Demerdash, N.A. Three dimensional magnetic field computation by a coupled vector-scalar potential method in brushless DC motors with skewed permanent magnet mounts—the formulation and FE grids 60242

Alhamadi, M.A., Demerdash, N.A. Three dimensional magnetic field computation by a coupled vector-scalar potential method in brushless DC motors with skewed permanent magnet mounts—the no-load and load results 60243

Alhamadi, M.A., Demerdash, N.A. Modeling and experimental verification of the performance of a skew mounted permanent magnet brushless DC motor drive with parameters computed from 3D-FE magnetic field solutions 60512

Alhargan, F.A., Judah, S.R. Circular and annular sector planar components of arbitrary angle for n-way power dividers/combiners 80584

Ali, A., Bukanin, V., Dughiero, F., Lupi, S., Nemkov, V., Siega, P. Simulation of multiphase induction heating systems 54264

Ali, A. *see* Coalson, R.D. 72386

Ali, A.A. Worst-case pulsed noise jamming of BPSK-SS transmitted over Rician fading channels 57325

Ali, A.A. Optimum modulation and diversity for DS-SS communication over Rayleigh fading channels subject to pulse burst interference 86036

Ali, A.A., Al-Ruwais, A.S., Al-Otaiby, Z.T. Optimum diversity and coding for frequency-hopped multiple access spread-spectrum communication over Rayleigh faded channel subject to pulse-burst jamming 65564

Ali, A.T. *see* Bulas-Cruz, J. 95687

Ali, D., Ahmed, H. Coulomb blockade in a silicon tunnel junction device 50048

Ali, F., Gupta, A., Salib, M., Veasel, B., Dawson, D. A 25 ohm, 2W, 8-14 GHz HBT power MMIC with 20 dB gain and 40% power added efficiency 80792

Ali, F., Honary, B. Collaborative coding and decoding techniques for multiple access channel 51787

Ali, F. *see* Salib, M. 92520

Ali, I., Vastola, K.S. The shifting cycle-gated (SCG) protocol for high speed bus networks 65326

Ali, I. *see* Fordham, C. 59184

Ali, I. *see* Muret, P. 71167

Ali, M., Clarkson, T.G. Using linear fractal interpolation functions to compress video images 64765

Ali, M., Gotze, J., Pauli, R. An algorithm for the calibration of sensor arrays with sensor gain and phase uncertainties 84412

Ali, M., Tewfik, A.H., Viswanathan, V.R. Real time implementation of second generation of audio multilevel information coding 58608

Ali, M. *see* Tewfik, A.H. 97721

Ali, M.A., Elrefaie, A.F., Wagner, R.E., Ahmed, S.A. Performance of erbium-doped fiber amplifier cascades in WDM multiple access lightwave networks 86480

Ali, M.A., Elrefaie, A.F., Wagner, R.E., Mendez, F., Pan, J., Ahmed, S.A. Optimized performance of erbium-doped fiber amplifiers in multiwavelength lightwave systems 82991

Ali, M.M. *see* Kamoun, F. 74650

Ali, R. *see* Mitra, S.K. 64649

Ali, S., Sait, S.M., Benten, M.S.T. GSA: scheduling and allocation using genetic algorithm 91727

Ali, S.I.M. *see* Jibrail, W.W.S. 86039

Ali, S.M. *see* Lee, L.H. 50397

Ali Amin, Hyun-Soo Kim, Seungjun Yi, Cooney, J.L., Lonngren, K.E. Positive ion current to a spherical electrode in a negative ion plasma 55712

Ali Falah *see* Falah Ali

Ali Osman, M.S. Characterization of the stability set of the second kind for a class of multiobjective quadratic convex programming problems 61117

Ali-Abbasi, K.B. *see* Faiz, J. 89951

Aliaga-Rossel, R. *see* Choi, P. 88149
Alichanian, K.A., Manwielian, P.M. A low discards technology and equipment for manufacturing bent-wound-made magnetic cores of electrical machines 78549
Alidina, M., Monteiro, J., Devadas, S., Ghosh, A., Papaefthymiou, M. Precomputation-based sequential logic optimization for low power 92145
Alien, B. *see* Aust, M.V. 80828
Alien, S.T., Reddy, H., Rodwell, M.J.W., Smith, R.P., Martin, S.C., Lui, J., Muller, R.E. Submicron Schottky-collector AlAs/GaAs resonant tunnel diodes 92544
Alien, S.T. *see* Smith, R.P. 81769
Aliev, K.M. *see* Abakarova, N.S. 55546
Aliev, S.M., Kamilov, I.K. Mossbauer spectroscopy to determine the degree of perfection of the magnetic texture in permanent magnets 56231
Aliev, V.S., Avramov, I.D. Precision frequency trimming of SAW and STW resonators using Xe^+ heavy ion bombardment 82221
Alifertsev, O.N., Akhtyamov, R.F., Babaev, T.Sh., Bykovskaya, L.S., Dorogova, Yu.G., Dyadyushkin, D.V., Pukhlyakov, Yu.A. Some technological aspects of producing thin $Y_1Ba_2Cu_3O_{7-\delta}$ films on large-diameter substrates 79897
Alim, M.A. *see* Azad, A.M. 70173
Alim, O.A., Gomaa Ibrahim, W.M. Evaluation of message delays at packet switching nodes serving multiple classes with random number of packets and different packet lengths 51747
Alim, O.Abel *see* Abel Alim, O.
Alimov, A.S. *see* Shvedunov, V.I. 76343
Alimov, O.A., Valyanskii, S.I., Vinogradov, S.V., Kononov, M.A., Mikheev, A.A., Savranskii, V.V. Mercury and hydrogen sensors operating on the principle of surface plasmon-polariton resonance 87330
Aling, H., Heintze, J. Closed loop identification of a 600 MW Benson boiler 68432
Alinikula, P., Kaunisto, R., Stadius, K. Monolithic active resonators for wireless applications 80826
Alinikula, P., Kaunisto, R., Stadius, K. Monolithic active resonators for wireless applications 92585
Aliouchouche, A. *see* Desmur, A. 81531
Alippi, A., Petri, A., Rafaelli, G., Verona, E. Refractive index profile determination in a planar optical waveguide 72380
Alippi, C., Appelquist, G., Berglund, S., Bohm, C., Brevegliери, L., Brigati, S., Carlson, P., Cattaneo, P., Dadda, L., David, J., Del Buono, L., Dell'Acqua, A., Engstrom, M., Fumagalli, G., Gatti, U., Genat, J.F., Goggi, G., Hansen, M., Hentzell, H., Hoglund, I., Inkinen, S., Kerek, A., Lebbolo, H., LeDortz, O., Lofstedt, B., Maloberti, F., Nayman, P., Persson, S.-T., Piuri, V., Salice, F., Sami, M., Savoy-Navarro, A., Stefanelli, R., Sundblad, R., Svensson, C., Torelli, G., Vanuxem, J.P., Yamdagni, N., Yuan, J., Zitoun, R. A digital front-end and readout microsystem for calorimetry at LHC 53346
Alippi, C., Appelquist, G., Berglund, S., Bohm, C., Brevegliери, L., Brigati, S., Carlson, P., Cattaneo, P., Dadda, L., Dell'Acqua, A., Fuglesang, C., Fumagalli, G., Gatti, U., Goggi, V.G., Hansen, M., Hentzell, H., Kerek, A., Lofstedt, B., Maloberti, F., Piuri, V., Salice, F., Sami, M., Stefanelli, R., Sundblad, R., SveNSSMICon, C., Torelli, G., Vanuxem, J.P., Yamdagni, N., Yuan, J. A digital front-end readout microsystem for calorimetry at LHC—the FERMI Project 67381
Alippi, C., Pelagotti, A., Piuri, V. The use of neural technologies for advanced seismographs 99138
Alippi, C. *see* Dell'Acqua, A. 87955
Alippi, C. *see* Dell'Acqua, A. 98680
Alishev, Zh.R. *see* Kletsel, M.Ya. 78224
Alison, J.M., Hill, R.M. A model for bipolar charge transport, trapping and recombination in degassed crosslinked polyethene 63056
Alizadeh, G. *see* Sedigh, A.K. 59758
Alizawa, K. *see* Cheong, C.K. 84991
Alkemabe, P.F.A. *see* Weeber, A.W. 81491
Alkemade, P.F.A. *see* Lolgen, P. 100644
Alkhazov, I.D. *see* Kuznetsov, A.V. 67357
Alkhoja, J. *see* Rauly, D. 87462
Alkin, O. *see* Caglar, H. 51508
Alkin, O. *see* Caglar, H. 57385
Alkire, R.W., Sullivan, E.P., Michaud, F.D., Trela, W.J., Bartlett, R.J. The X8C dual wire beam position monitor 98426
All, D. The changing face of semiconductor procurement for military systems 99386
Allain, J.Y. *see* Boj, S. 63741
Allam, M., Moghaddamjoo, A. Spatial-Temporal DFT projection for wideband array processing 51433
Allamagny, S., Civanlar, S., Kashper, A.N. Capacity management in Global Networking Project: capabilities and information model 52007
Allamagny, S., Civanlar, S., Kashper, A.N. Information model for capacity management in global telecommunication networks 74833
Allan, D. *see* Bradnam, M.S. 88491
Allan, D.A. *see* Yu, J.S. 81364
Allan, D.W., Thomas, C. Technical directives for standardization of GPS time receiver software 66693
Allan, D.W. *see* Kusters, J. 86919
Allan, J. *see* Helm, M. 71799
Allan, J.D., Ramshaw, R.S., Yao, Y., Brackenbury, T.E. Implementation of a MPT for a photovoltaic array using a digital signal processor 89754
Allan, K. *see* Cruden, A. 60020
Allan, P.L. *see* Loupas, T. 59285
Allan, R.J. *see* Svensson, A. 76860
Allan, R.N., Billinton, R., Breipohl, A.M., Grigg, C.H. Bibliography on the application of probability methods in power system reliability evaluation: 1987-1991 59672
Allan, R.N. *see* So, K.S. 60034
Allan, R.N. *see* Ubeda, J.R. 77804
Allan Khalil' *see* Khalil' Allan
Allander, K.S. *see* Garner, S.E. 98574
Allander, K.S. *see* Johnson, J.D. 88840
Allander, K.S. *see* Johnson, J.D. 99303
Allander, K.S. *see* MacArthur, D.W. 59113
Allano, D. *see* Lecordier, B. 76268
Allano, S. *see* Kateb, H. 89854
Allara, D.L. *see* Lercel, M.J. 71544
Allard, B., Morel, H., Chung-Chieh Lin, Helali, H., Chante, J.-P. Rules for deriving basic semiconductor region models 93347
Allard, B. *see* Retif, J.M. 90575
Allard, P., Hussain, R. The special services dilemma on digital remotes 96534
Allard, P.E., Hudon, S. Gradient descent decoding of binary cyclic codes 95219
Allasia, D. *see* Boella, G. 86826
Allasia, D. *see* Boella, G. 93014
Allcock, R.P. *see* Haydock, L. 89265
Allcott, N.T. Noise-residual normalization 95449
Allebach, J. *see* Wolski, M. 87569
Allebach, J.P. *see* Chang, J.Z. 95523
Allee, D.R., Xiao Dan Pan, Broers, A.N., Umbach, C.P. Ultra-high resolution electron beam patterning of SiO_2: A review 71547
Allegranza, O.C. *see* Doerner, M.F. 50289
Allegretto, W., Bing Shen, Haswell, P., Zhongsheng Lai, Robinson, A.M. Numerical modeling of a micromachined thermal conductivity gas pressure sensor 87332
Allegretto, W., Bing Shen, Zhongsheng Lai, Robinson, A.M. Numerical modelling of time response of CMOS micromachined thermistor sensor 66268
Allegretto, W. *see* Janz, C.F. 82718
Allegretto, W. *see* Manku, T. 97903
Allek, M. *see* Carchon, R. 88072
Allek, M. *see* Khentout, N. 88586
Alleman, J. *see* Ciszek, T.F. 100614
Alleman, J. *see* Ciszek, T.F. 100619
Alleman, J. *see* Wang, T.H. 90411
Alleman, J.L. *see* Tsuo, Y.S. 100472
Allen, B. *see* Aust, M.V. 92589
Allen, B. *see* Hirumi, A. 75753
Allen, B. *see* Kobayashi, K.W. 80700
Allen, B. *see* Kobayashi, K.W. 92588
Allen, B. *see* Minot, K. 86298
Allen, B. *see* Minot, K. 97171
Allen, B.R. *see* Huei Wang 49668
Allen, B.R. *see* Kasody, R.E. 80756
Allen, B.R. *see* Lo, D.C.W. 66312
Allen, B.R. *see* Lo, D.C.W. 80832
Allen, B.R. *see* Lo, D.C.W. 83870
Allen, B.R. *see* Lo, D.C.W. 92592
Allen, B.R. *see* Wang, H. 80766
Allen, B.R. *see* Wang, H. 92614
Allen, C. Digitisation of low level sensor output signals 58708
Allen, C., Ritchie, J.L., Marlow, D.R. Identifying primitives for a calorimeter trigger 59188
Allen, C.K. *see* Guharay, S.K. 53125
Allen, C.K. *see* Guharay, S.K. 59042
Allen, C.K. *see* Guharay, S.K. 76418
Allen, D., Gilbert, J. Standards and convergence: New realities 85492
Allen, D. *see* Galagedera, S.B. 88240
Allen, D. *see* Galagedera, S.B. 98670
Allen, D.J. *see* Leeman Hong 68201
Allen, E.L. *see* Robinson, H.G. 93130
Allen, E.M. *see* Jervis, B.W. 98907
Allen, E.W. Measured time delay and re-synchronization time in digital microwave radio systems 68290
Allen, G.H. *see* Radhakrishnan Pillai, S. 95397
Allen, G.N. *see* Hobson, E. 77962
Allen, J. *see* Murray, A. 77033
Allen, J.B. How do humans process and recognize speech? 95245
Allen, J.C., Hobbs, S.L. Instantaneous variance estimation by spectral collapse 97470
Allen, J.D., Gaughan, P.T., Schimmel, D.E., Yalamanchili, S. Ariadne—an adaptive router for fault-tolerant multicomputers 52135
Allen, J.D. *see* Schwartz, E.L. 65481
Allen, J.K. *see* Koch, P. 69516
Allen, J.W. Organic electroluminescence and competing technologies 72572
Allen, K. *see* Denlinger, D.W. 52810
Allen, L.J. *see* Owens, T.L. 76406
Allen, L.J. *see* Popovic, M.B. 76405
Allen, L.P., Cordts, B., Krull, W.A., Yap, J.H., Maung, T., Chung, J. Independent control of wafer temperature and beam current on SIMOX material quality 93559
Allen, L.P. *see* Anc, M.J. 93142
Allen, L.P. *see* Crowder, S.W. 62408
Allen, L.P. *see* Twigg, M.E. 93144
Allen, L.R., Rickard, R. Tapered aluminum interconnect etch 93206
Allen, L.R. *see* Grant, J.M. 62416
Allen, M. *see* Llewellyn-Jones, D.T. 77514
Allen, M.G. *see* Ahn, C.H. 60261
Allen, M.G. *see* Ahn, C.H. 68667
Allen, M.G. *see* Ahn, C.H. 80938
Allen, M.G. *see* Ahn, G.H. 61969
Allen, M.G. *see* Frazier, A.B. 49020
Allen, M.G. *see* Frazier, A.B. 59396
Allen, M.G. *see* Frazier, A.B. 93285
Allen, M.G. *see* Rashidian, B. 56193
Allen, M.G. *see* Wilkinson, S.T. 82875
Allen, M.R., Hoff, L.E. Wide-angle wideband SAR matched filter image formation for enhanced detection performance 75569
Allen, M.S., Alexander, M., Wright, C., Chang, J. Designing the PowerPC 60X bus 85812
Allen, M.S., Becker, M.C. Multiprocessing aspects of the PowerPC 601 70590
Allen, N. *see* Rodger, D. 83497
Allen, N.A.L. Lighting requirements for the new generation of television cameras 86692
Allen, N.L. *see* Boutlendj, M. 99722
Allen, N.T. *see* Wennberg, P.O. 67814
Allen, P.C., Barnes, A.D., Coe, S.E., Gibb, I.G. High performance backlights for liquid crystal displays 76133
Allen, P.D., Anwar Chaudhri, M. Photoparticle production in solid state detectors used for neutron dosimetry in the presence of photons 99025
Allen, P.E. *see* Coban, A.L. 63007
Allen, P.E. *see* Coban, A.L. 70777
Allen, P.E. *see* Kimball, J.F. 93248
Allen, P.K. *see* Tarabanis, K. 58832
Allen, R.A., Cresswell, M.W., Linholm, L.W., Owen, J.C., III, Ellenwood, C.H., Hill, T.A., Benecke, J.D., Volk, S.R., Stewart, H.D. Application of the modified voltage-dividing potentiometer to overlay metrology in a CMOS/bulk process 62975
Allen, R.A. *see* Cresswell, M.W. 55838
Allen, R.A. *see* Cresswell, M.W. 81714
Allen, R.A. *see* Cresswell, M.W. 81726
Allen, R.C. *see* Beringer, D.B. 99072
Allen, R.D. *see* Kunz, R.R. 81649
Allen, R.E. A view of divestiture, ten years later 51883
Allen, R.J. *see* Higdon, N.S. 99175
Allen, R.L. Motion estimation using the multiresolution analysis of $L^2(R^3)$ 57920
Allen, R.L.Van *see* Van Allen, R.L.
Allen, R.W., Jr., Calafiore, R.L., Dyer, W.W., III, Febo, M.V., Sinclair, T.K. Ensuring structural testability of high-density SMT circuit packs 62000
Allen, S. *see* Rodwell, M.J.W. 61949
Allen, S. *see* Rodwell, M.J.W. 87471
Allen, S.J., Craig, K., Felix, C.L., Guimaraes, P., Heyman, J.N., Kaminski, J.P., Keay, B.J., Markelz, A.G., Ramian, G., Scott, J.S., Sherwin, M.S., Campman, K.L., Hopkins, P.F., Gossard, A.C., Chow, D., Lui, M., Liu, T.Y. Probing tetrahertz dynamics in semiconductor nanostructures with the UCSB free-electron lasers 71163
Allen, S.J. *see* Scott, J.S. 62673
Allen, S.J., Jr. *see* Guimaraes, P.S.S. 49797
Allen, S.J., Jr. *see* Sundaram, M. 81269
Allen, S.L., Lasnier, C.J., Felker, B., Fenstermacher, M., Ferguson, S.W., Fields, S., Hooper, E.B., Hulsey, S., Makowski, M., Moller, J., Meyer, W., Petersen, D., Scharlemann, E.T., Stallard, B., Wood, R. Generation of high power 140 GHz microwaves with an FEL for the MTX experiment 63878
Allen, S.L. *see* Lasnier, C.J. 63879
Allen, S.T. *see* Konishi, Y. 76181
Allen, S.T. *see* Rodwell, M.J.W. 72643
Allen, S.T. *see* Ruai, Y.Yu. 70911
Allen, T. *see* Chonko, M.A. 71417
Allen, T.G., Luettgen, M.R., Willsky, A.S. Multiscale approaches to target tracking in image sequences 57836
Allen, T.G., Luettgen, M.R., Willsky, A.S. Multiscale approaches to moving target detection in image sequences 74455
Allen, V. *see* Murray, A. 77033
Allen, W.G. *see* Mak, M.W. 64384
Allen, W.G. *see* Mak, M.W. 95272
Allenby, B.R. An international design for environment infrastructure concept and implementation 54456
Allerding, M.R., Shearer, M.J., Buckner, R.P. User applications of the new longwave (LW) noise program and ground conductivity models 86048
Allers, A., Sezginer, A., Druskin, V.L. Solution of 2.5-dimensional problems using the Lanczos decomposition 88735
Alles, H., Ruutu, J.P., Babkin, A.V., Hakonen, P.J., Manninen, A.J., Pekola, J.P. Cooled video camera for optical investigations below 1 mK 58860

Alles, M., Krull, W. Considerations for SIMOX low voltage applications 93086
Alles, M., Pasupathy, S. Channel knowledge and optimal performance for two-wave Rayleigh fading channels 51288
Alles, M., Pasupathy, S. Suboptimum detection for the two-wave Rayleigh-fading channel 95594
Alles, M.L. *see* Massengill, L.W. 71781
Alletru, C. *see* Delorme, F. 83165
Alleva, F., Huang, X., Hwang, M.-Y. An improved search algorithm using incremental knowledge for continuous speech recognition 84036
Alleva, F. *see* Huang, X. 84110
Alleva, F. *see* Hwang, M.-Y. 84037
Alley, D. *see* Parker, M. 65240
Alley, G.T. *see* Britton, C.L. 71809
Alley, G.T. *see* Todd, R.A. 88236
Alley, G.T. *see* Todd, R.A. 98675
Alley, R., Woods, M., Browne, M., Frisch, J., Zolotorev, M. The 1992 Polarized Light Source 72713
Alley, R. *see* Frisch, J. 72750
Alley, R.K. *see* Clendenin, J.E. 76743
Alley, R.K. *see* Tang, H. 71025
Alley, R.K. *see* Yeremian, A.D. 76724
Allgrove, C.C., Cowley, K.D., Fairhurst, M.C. High performance classification of image data through the parallel realisation of pyramidal processing structures 64759
Allia, P., Beatrice, C., Vinai, F. A review of magnetic disaccommodation effects in amorphous and nanocrystalline alloys 72052
Allia, P., Filho, S.P.C., Knobei, M., Turtelli, R.S., Sinnecker, J.P., Vinai, F. Stress and bias field dependence of initial permeability in amorphous $Co_{75-x}Fe_xSi_{15}B_{10}$ 72004
Allibert, C.H. *see* Lectard, E. 71940
Allin, M.D. *see* Woods, P. 53575
Alliney, S., Ruzinsky, S.A. An algorithm for the minimization of mixed l_1 and l_2 norms with application to Bayesian estimation 51449
Alling, W.R. Preserving lamp life using a low cost elctronic ballast with compact fluorescent lamps, a new approach 69207
Allinson, N.M., Howard, N.J., Kolcz, A.R., Tyrrell, A.M. Image processing applications using a novel parallel computing machine based on reconfigurable logic 61751
Allinson, N.M. *see* Castelli, C.M. 88322
Allinson, N.M. *see* Moon, K.J. 88310
Allinson, N.M. *see* Yin, H. 95989
Allison, P. *see* Smith, H.V., Jr. 53184
Allison, P. *see* Vernon Smith, H., Jr. 76728
Allison, S., Spencer, N., Underwood, K., VanOlst, D., Zelanzy, M. MPS VAX monitor and control software architecture 87623
Allison, S. *see* Himel, T. 76560
Allmen, C.R., Lu, M.-W. Sample size for failure detection and reliability demonstration 54614
Allnutt, J.E. *see* McCarthy, D.K. 83664
Allnutt, J.E. *see* McCarthy, D.K. 83665
Allnutt, J.E. *see* McCarthy, D.K. 83666
Allnutt, R.M., Pratt, T., Stutzman, W.L., Snider, J.B. Use of radiometers in atmospheric attenuation measurements 94816
Allocca, D. *see* Mullen, L. 88876
Allocca, D. *see* Mullen, L. 97437
Allodi, L., Chiorboli, G., Franco, G., Morandi, C., Venturi, F. A test structure for transferring timing setup between digital IC testers 55173
Allongue, P., Bertagna, V., Kieling, V., Gerischer, H. Probing by in situ scanning tunneling microscopy the influence of an organic additive on Si etching in NaOH 71346
Allotta, B. *see* Wang, T. 76877
Allouche, M. *see* Proust, N. 70897
Allovon, M. *see* Girardin, F. 83088
Allport, P.P., Batley, J.R., Beck, G.A., Carter, A.A., Carter, J.R., de Jong, S.J., do Couto e Silva, E., Duboscq, J.E., Dunwoody, U.C., Gibson, V., Glessing, W., Goldey, P.R., Goodrick, M.J., Hammarstrom, R., Hanson, G.G., Honma, A.K., Humbert, R., Jacob, F., Jimenez, M., Koetke, D.S., Kral, J.F., Kyberd, P., Lauber, J.A., Leroy, C., Martin, A.J., Martin, J.P., Mir, R., Moisan, C., Petry, D., Pritchard, T.W., Runolfsson, O., Rust, D.R., Seller, P., Shears, T.G., Voillat, D., Yurko, M. The OPAL silicon strip microvertex detector with two coordinate readout 76752
Allport, P.P., Carter, J.R., Dunwoody, U.C., Gibson, V., Goodrick, M.J., Beck, G.A., Carter, A.A., Martin, A.J., Pritchard, T.W., Bullough, M.A., Greenwood, N.M., Lucas, A.D., Wilburn, C.D. Double-sided FoxFET biased microstrip detectors 88021
Allran, M.G. *see* Mace, S.E. 54213
Allred, D.D. *see* Karain, W.I. 92882
Allred, L.G., Kelly, G.E. Incorporating morphological filters in infrared camera design 75997
Allsopp, N.K., Lambert, C.J. Coherent transport through a T-shaped mesoscopic superconducting junction 82374
Allstot, D.J. *see* Stanisic, B.R. 49574
Allstot, D.J. *see* Zele, R.H. 49536
Allvisatos, A.P. *see* Colvin, V.L. 72639
Alm, R., Hwu, R.J. Determination of ϵ_{eff} for printed structures on electrically thin substrates 93686
Alm Carlsson, G. *see* Sandborg, M. 59368
Alm Carlsson, G. *see* Sandborg, M. 88477
Alm Dal *see* Kwang Yong Kang 92494
Almaini, A.E.A. *see* Guan, Z. 93602
Almanci, S., Viaro, F. Transportable, remote-controlled MV unit for HV/MV substations 68920
Almar, R., Horine, B., Hoffman, R. SPUDT/in-line coupled resonator filters 93815
Almasque, J., Montgomery, D., Le, K., Boyle, R., Nguyen, M., Orndoff, D. Potential impacts of NO_x and SO_2 constraints on CIPS operations 89174
Almazan, S. *see* Minor, A. 67632
Almeida, A.M.de *see* de Almeida, A.M.
Almeida, A.T. *see* Araujo, H. 96096
Almeida, A.T.de *see* de Almeida, A.T.
Almeida, A.T.L., Filho, E.R., Lamoglia, J.A. An alternative methodology for obtaining parameters and characteristics of three-phase induction motors 89944
Almeida, D.P., Soares, I.M. Multiplication factor in multiwire proportional chambers: a Bethe formulation 67302
Almeida, E.S.De *see* De Almeida, E.S.
Almeida, J., Berger, H., Braem, A., Coluzza, C., Di Mauro, A., Ljubicic, A., Jr., Nappi, E., Margaritondo, G., Paic, G., Piuz, F., Posa, F., Ribeiro, R., Scognetti, T., Williams, D. Development of large area fast-RICH prototypes with pad readout and solid photocathodes 87994
Almeida, K.C., Galiana, F.D., Soares, S. A general parametric optimal power flow 53618
Almeida, K.C., Galiana, F.D., Soares, S. A general parametric optimal power flow 59789
Almeida, L.B. An introduction to the angular Fourier transform 84263
Almeida, R.M. Sol-gel silica films on silicon substrates 72366
Almeida, S.F.M., Salvador, J.F., Carrara, S.L.A. Novel strain-bend sensor using two-mode optical fiber 52931
Almeida Pereira, O.J.B., Parreira, P. Direct evaluation of Cauchy principal-value integrals in boundary elements for infinite and semi-infinite three-dimensional domains 79710
Almes, G.T. Engineering trans-oceanic 44 Mb/s TCP/IP networks 85735
Almhem, P. *see* Lofe, J.J. 68472
Alminauskas, V. Performance evaluation of lead acid batteries for use with solar panels 100438
Almond, P.R., Attix, F.H., Humphries, L.J., Kubo, H., Nath, R., Goetsch, S., Rogers, D.W.O. The calibration and use of plane-parallel ionization chambers for dosimetry of electron beams: an extension of the 1983 AAPM protocol report of AAPM Radiation Therapy Committee Task Group No. 39 88587
Alnajjar, H., Wilkes, D.M. Adapting the geometry of a sensor subarray 84410
Alnajjar, H. *see* Wilkes, D.M. 51463
Alnot, P. *see* Horowitz, G. 81983
Alnuweiri, H. *see* Li, G. 61849
Alnuweiri, H.M. Synchronous bus arbitration with constant logic per module 57972
Alnuweiri, H.M. Optimal VLSI networks for multidimensional transforms 62951
Alnuweiri, H.M. *see* Elnaggar, A. 49215
Aloimonos, Y. *see* Fermuller, C. 95709
Aloisio, V., Di Vito, A., Galati, G. Optimum detection of moderately fluctuating radar targets 58462
Alok, D., Baliga, B.J., McLarty, P.K. A simple edge termination for silicon carbide devices with nearly ideal breakdown voltage 93291
Alok, D., Jayant Baliga, B., McLarty, P.K. Thermal oxidation of 6H-silicon carbide at enhanced growth rates 93168
Alok, D., McLarty, P.K., Baliga, B.J. Electrical properties of thermal oxide grown on n-type 6H-silicon carbide 55671
Alok Dev *see* Dev Alok
Alolah, A.I. *see* Abou-Elela, M. 91890
Alomary, A.Y. *see* Sato, J. 49492
Alon, N. Packing of partial designs 48795
Alon, N., Orlitsky, A. A lower bound on the expected length of one-to-one codes 95206
Alon, N., Sudakov, B. Disjoint systems (extended abstract) 69717
Alon, N. *see* Agarwal, P.K. 91299
Aloni, E., Kastner, R. Analysis of a dual circularly polarized microstrip antenna fed by crossed slots 73502
Alonso, A.A. *see* Merino, J.M. 100651
Alonso, C. *see* Lazaro, S. 95275
Alonso, C.J.G., Acosta, G.G.L., De Prada, M.C., Mira, J.M. A knowledge based approach to fault detection and diagnosis in industrial processes: a case study 87027
Alonso, E. *see* Maric, S.V. 52367
Alonso, J. *see* Marti, A. 100518
Alonso, J.I. *see* Dorta, B.P. 58384
Alonso, J.M., Diaz, J., Blanco, C., Rico, M. A smart-lighting emergency ballast for fluorescent lamps based on microcontroller 60615
Alonso, L. *see* Lazaro, S. 95275
Alonso, R., Subias, J., Pelayo, J., Villuendas, F., Tornos, J. Single-mode, optical-fiber sensors and tunable wavelength filters based on the resonant excitation of metal-clad modes 87244
Alonso, R. *see* Arent, D.J. 56524
Alonso, R. *see* Subias, J. 72337
Alonso, T., Luo, M., Shahri, H., Youtkus, D.J. Subband coding of videoconference sequences at 384 Kbps 75107
Alonzo, J.C. *see* Mixon, D.A. 81638
Aloqeely, M., Chen, C.Y.R. Sequencer-based data path synthesis of regular iterative algorithms 91788
Alotto, P., Girdinio, P., Molfino, P. A 2D finite element procedure for magnetic analysis involving non-linear and hysteretic materials 82234
Alouini, M.-S. *see* Chandrakumar, V. 75464
Alov, D.L., Kolchin, A.A., Kolesnikov, N.N., Rybchenko, S.I. Multilayer single crystal structure for infra-red optical coating 94238
Alp, E.E. *see* Mooney, T.M. 88294
Alp, M.Bilge *see* Bilge Alp, M.
Alparone, L., Barni, M. Dual-channel iterative even-median filter 84837
Alparone, L., Barni, M., Cappellini, V. Even-median filters for noisy image restoration 57771
Alparone, L., Cappellini, V., Garzelli, A. A multistep fast median algorithm for 2D data of various word-length 74277
Alparone, L. *see* Baronti, S. 95796
Alpaydin, E. *see* Gurgen, F. 95276
Alpaydin, R. *see* Gurgen, F. 95276
Alpeev, A.S. Classification of nuclear power plant operator support systems 99868
Alpern, P. *see* Tilgner, R. 79329
Alpers, B. *see* Becker, K. 96477
Alpers, W. Large-scale oceanic features detected by airborne SAR in the Mediterranean sea 77517
Alpers, W., Brummer, B. Imaging of atmospheric boundary layer rolls by the synthetic aperture radar aboard the European ERS-1 satellite 77350
Alpers, W. *see* Bruning, C. 67843
Alpers, W. *see* Bruning, C. 77479
Alpers, W. *see* Etkin, V. 77450
Alpers, W. *see* Huhnerfuss, H. 67845
Alpers, W. *see* Huhnerfuss, H. 99265
Alpers, W. *see* Moreira, J. 99245
Alpers, W. *see* Plant, W.J. 67836
Alpers, W. *see* Romeiser, R. 67792
Alpers, W. *see* Romeiser, R. 67842
Alpers, W. *see* Romeiser, R. 77436
Alpers, W. *see* Schmidt, A. 99241
Alpers, W. *see* Schmidt, R. 99243
Alpers, W. *see* Wismann, V. 99266
Alpers, W. *see* Wismann, V. 99301
Alpert, C.J., Kahng, A.B. Multi-way partitioning via spacefilling curves and dynamic programming 82055
Alpert, C.J., Kahng, A.B. A general framework for vertex orderings, with applications to netlist clustering 91810
Alphen, D.K.van *see* van Alphen, D.K.
Alpsan, D., Towsey, M., Ozdamar, O., Tsoi, A., Ghista, D.N. Determining hearing threshold from brain stem evoked potentials. Optimizing a neural network to improve classification performance 88485
Alqaed, A.M., Chang, C.H. A hybrid equivalent capacity admission control algorithm for ATM congestion control 96151
Alrick, K.R. *see* Wright, B.L. 88742
Alrutz, H. *see* Lebowsky, F. 97627
Al'saad, M., Troyanovskii, B.M. Steam admission for steam turbines at heat-recovery combined-cycle plants 89690
Alsafadi, Y., Sheng, O.R.L., Martinez, R. Comparison of communication protocols in medical information exchange standards 74707
Alsammarae, A., Hussain, B., Behera, A.K. Degraded voltage issues of AC motor operated valves in nuclear generating stations 89442
Alsammarae, A., Hussain, B., Behera, A.K. Degraded voltage issues of AC motor operated valves in nuclear generating stations 99889
Alsammarae, A., Kruger, D., Beutel, D., Spisak, H. Re-evaluation of superheat conditions postulated in NRC Information Notice 84-90 99891
Alsammarae, A., Kruger, D., Beutel, D., Spisak, M. Re-evaluation of superheat conditions postulated in NRC Information Notice 84-90 [nuclear plant] 89483
Alsammarae, A. *see* Byskosh, R.E. 80085
Alschner, W. The quality circle in total quality management 61000
Alshatti, W., Lambert, P. Using eigenvectors of a vector field for deriving a second directional derivative operator for color images 85174
AlShaykh, O.K., Ramaswamy, S., Hung, H.-S. Fuzzy techniques for image enhancement and reconstruction 51632
Alshebeili, S.A. *see* Ahmed, R.E. 80355
Alshebeili, S.A. *see* Al Jabri, A.K. 95274
Alshvang, S. *see* Bates, C.W., Jr. 48962
Alsina, P.J., Gehlot, N.S. Current control of induction motors based on input voltage output current model using neural networks 90003
Alsing, P.M. *see* Gavrielides, A. 50817
Alsing, P.M. *see* Newell, T. 49196
Alsing, P.M. *see* Simpson, T.B. 72792
Alsip, D.H. *see* Creamer, P.M. 52657

Alsmeier, J. *see* Nesbit, L. 92191
Alspach, B., Ming-Yao Xu 1/2-transitive graphs of order 3p 79628
Alstine, R.G.Van *see* Van Alstine, R.G.
Alston, C.E., Broeksma, A.H., Inggs, M.R. Standardisation of the graphical and operator input device modules for tactical command and control man/machine interfaces 99411
Alston, D.W. Aqueous cleaning of vacuum tube components, replacing 1,1,1, trichloroethane 55505
Alsunaidi, M.A., El-Ghazaly, S.M. High-frequency time-domain modeling of GaAs FETs using hydrodynamic model coupled with Maxwell's equations 92539
Alsup, J.M. Active ABF for sonar 97467
Altendorf, E.H., Tang, W.C., Rosen, H.J. Raman study of the time evolution of the facet temperature of coated AlGaAs single-quantum-well lasers 63798
Alteneder, K.P. *see* El-Gasseir, M.M. 100003
Altenhofen, M., Dittrich, J., Hammerschmidt, R., Kappner, T., Kruschel, C., Kuckes, A., Steinig, T. The BERKOM multimedia collaboration service 65450
Alter, D.M., Tsao, T.-C. Implementation of a direct drive linear motor actuator for dynamic control of the turning process 60252
Alter, T.D. 3-D pose from 3 points using weak-perspective 74568
Alter, T.D., Jacobs, D.W. Error propagation in full 3D-from-2D object recognition 84698
Alter-Gartenberg, R. *see* Huck, F.O. 85463
Alterovitz, S.A. *see* Rosenfeld, D. 55918
Alterovitz, S.A. *see* Yang, D. 61903
Alterovitz, S.A. *see* Young, P.G. 81935
Althainz, P., Dahlke, A., Frietsch-Klarhof, M., Goschnick, J., Ache, H.J. Organically modified SiO_2 and Al_2O_3 films as selective components for gas sensors 98174
Althainz, P., Dahlke, A., Goschnick, J., Ache, H.J. Low temperature deposition of glass membranes for gas sensors 52965
Althainz, P., Schuy, L., Goschnick, J., Ache, H.J. Granular films of iron oxide prepared by aerosol deposition for the detection of organic vapours 52966
Althammer, S., Bruckmann, D. ASICs for DECT: innovative chipsets for cordless phones 86194
Althaus, L. *see* Beaini, J.E. 54375
Althausen, D., Wunsche, P. Dipole relaxation during charge transport in polymeric photoconductors 56520
Althofer, I. Note: small integral flows need only sparse networks 61108
Althoff, O. *see* Cabrera, I. 50939
Althoff, O. *see* Hickel, W. 63431
Althouse, M.L.G. *see* Chang, C.-I. 95907
Althouse, M.L.G. *see* Chein-I Chang 84638
Alting, L. *see* Legarth, J. 90946
Alting, L. *see* Wenzel, H. 90909
Altintas, A. *see* Onal, G. 56397
Altintas, O. *see* Bilgen, S. 51750
Altmaier, H., Scheibe, K. Lightning-current-carrying and network sequence current quenching capabilities of overvoltage-limiting protective components 99777
Altman, A. *see* Song, P.S. 87799
Altman, E. Flow control using the theory of zero sum Markov games 74669
Altman, E., Jean-Marie, A. The loss process of messages in an M/M/1/K queue 65020
Altman, E.I., Colton, R.J. Interaction of C_{60} with the Au(111) $23\times\sqrt{3}$ reconstruction 61404
Altman, J.A. *see* English, M.R. 89057
Altman, Z., Renaud, D., Baudrand, H. Integral equation scalar Green's function formulation for computation of cutoff wavenumbers and modal fields in waveguides 51194
Altman, Z., Renaud, D., Baudrand, H. On the use of differential equations of nonentire order to generate entire domain basis functions with edge singularity 94903
Altmel, I.K. The design of optimum component test plans in the demonstration of system reliability 91138
Altmeyer, A. *see* Schurmann, B. 91836
Altmeyer, J., Ohnsorge, S., Schurmann, B. Reuse of design objects in CAD frameworks 91851
Altmeyer, P. *see* Passmann, C. 98780
Altner, S. *see* Bernet, S. 56975
Altner, S.B. *see* Maniloff, E.S. 56318
Alton, G.D. High-efficiency target-ion sources for RIB generation 76745
Alton, G.D., Haynes, D.L., Mills, G.D., Olsen, D.K. Selection and design of ion sources for use at the Holifield Radioactive Ion Beam Facility 53263
Alton, G.D., Haynes, D.L., Mills, G.D., Olsen, D.K. Selection and design of ion sources for use at the Holifield Radioactive Ion Beam Facility 67282
Alton, G.D., Mills, G.D., Dellwo, J. Design features of a high-intensity, cesium-sputter/plasma-sputter negative ion source 53200
Alton, G.D., Mills, G.D., Dellwo, J. Design features of a high-intensity, cesium-sputter/plasma-sputter negative ion source 67281
Alton, G.D., Smithe, D.N. Design studies for an advanced ECR ion source 53142
Alton, G.D., Smithe, D.N. Design studies for an advanced ECR ion source 53161
Altounian, Z. *see* Chen, X. 63256
Altschuler, M.D. *see* Kassaee, A. 67609
Al'tshuler, G.B., Erofeev, A.V., Il'yasov, I.K., Prikhod'ko, K.V. Nontraumatic laser scalpel 59404
Al'tshuler, G.B., Erofeev, A.V., Il'yasov, I.K., Prikhodko, K.V. Principles of thermooptic feedback in a contact laser scalpel 77050
Altun, Z.G. *see* Balasubramanian, K. 98353
Altwegg, L., Azizi, A., Vogel, P., Wang, Y., Wyler, F. LOCNET: a fiber in the loop system with no light source at the subscriber end 52592
Altynov, V.A. *see* Apel, P.Yu. 88190
Alunni, L., Bouclier, R., Fara, G., Garabatos, Ch., Manzin, G., Million, G., Ropelewski, L., Sauli, F., Shekhtman, L.I., Daubie, E., Pingot, O., Pestov, Yu.N., Busso, L., Costa, S. Performance of MSGC on electronically and ionically conductive substrata in various operational conditions 88010
Aluru, N.R., Law, K.H., Pinsky, P.M., Raefsky, A., Goossens, R.J.G., Dutton, R.W. Space-time Galerkin/least-squares finite element formulation for the hydrodynamic device equations 50038
Alvar, K.R. *see* Hsu, H.H. 88053
Alvar, K.R. *see* Hsu, H.H. 98591
Alvarado, F., Dobson, I., Yi Hu Computation of closest bifurcations in power systems 77958
Alvarado, F. *see* Dobson, I. 77818
Alvarado, F. *see* Mansour, Y. 53625
Alvarado, F. *see* Mansour, Y. 78033
Alvarado, F.L. *see* Johnson, B.K. 89205
Alvarado, F.L. *see* Singh, H. 88944
Alvarado, S.F. *see* Pfister, M. 71313
Al'vares, Kh.K., Berman, L.S., Borevich, V.A., Grekhov, I.V., Karimov, I.N., Sokolov, N.S., Shulekin, A.F. Voltage-capacitance characteristics of silicon-(calcium fluoride)-gold MIS tunnel structures grown by molecular beam epitaxy 49829
Al'vares, Kh.K., Berman, L.S., Karimov, I.N. Capacitance relaxation in silicon-(calcium fluoride)-gold metal-insulator-semiconductor tunnel-transparent structures grown by molecular beam epitaxy 93066
Alvares, R. *see* Balle, S. 56781
Alvarez, D., Jr. *see* Perry, J.W. 56288
Alvarez, F. *see* Bertran, M. 70615
Alvarez, F. *see* Ou, S.S. 72909
Alvarez, I. *see* de Urquijo, J. 88258
Alvarez, I.A.Perez *see* Perez Alvarez, I.A.
Alvarez, J., Sanchez, H., Gerosa, G., Hanke, C., Countryman, R., Thadasina, S. A wide-bandwidth low-voltage PLL for PowerPC microprocessors 70328
Alvarez, S. *see* Climent, J. 74285
Alvarez Barcia, L., Ollero Velasco, S., Quinones de la Guia, C. Finite element analysis in the design of a power converter 80127
Alvarez Melcon, A., Molina, R., Guglielmi, M. Modal spectrum of the ridged circular waveguide using the FE method 73442
Alvarez Melcon, A. *see* Hurtado Albir, F.J. 90553
Alvarez-Bravo, J.V. *see* Muller, R. 83363
Alvarez-Campana, M., Vazquez, E., Vinyes, J. Q.931 call control implementation on an ISDN/FDDI-II interworking scenario 58228
Alvarez-Campana, M. *see* Rumekasten, M. 65376
Alvarez-Cercadillo, J., Ortega-Garcia, J., Hernandez-Gomez, L.A. Context modeling using RNN for keyword detection 73825
Alvazzi Delfrate, M., Leoni, M., Nanni, L., Melioli, E., Watts, B.E., Leccabue, F. Electrical characterization of $BaTiO_3$ made by hydrothermal methods 63049
Alves, C., Aing, P., Pauliat, G., Roosen, G. Prospects of photorefractive memories for optical processing 63358
Alves, C.H.F., Machado, J.C. Measurement of plasma clotting time using ultrasonic shear waves 76972
Alves, E.S. *see* Neves, B.R.A. 49798
Alves, G.C.G. Technological aspects of high-power cathode-pulsed CFAs in Brazil 86585
Alves, M. *see* Freeman, A. 77608
Alves, N., Minami, G., Giacometti, J.A., Leal Ferreira, G.F., Oliveira, O.N., Jr. Surface potentials of corona-charged ferroelectric P(VDF-TrFE) copolymer samples 71845
Alves, O.L. *see* Zarbin, A.J.G. 54983
Alves, S. *see* Paciotti, M.A. 76401
Alves, V.Casro *see* Casro Alves, V.
Alves da Silva, A.P. *see* Borges da Silva, L.E. 69097
Alvi, J.S., Stefenson, J. Availability analysis of pressurised fluidised bed combustion power plants 89655
Alvinsson, R. *see* Canelhas, A. 68901
Alvis, J.M. *see* Painter, C.L. 68401
Alvite, J., Hendrickson, L. Innovative packaging for all electronic components 90967
Alwan, A. A perceptual metric for masking 84129
Alwin, P.E. Achieving IEC Type 2 short circuit coordination 60164
Aly, G.M., Jamal Aldeen, R.M. Expert data acquisition for intelligent control systems 97815
Aly, K.A., Dowd, P.W. Time-space-wavelength networks for low-complexity processor interconnection 50637
Aly, K.A., Dowd, P.W. A class of scalable optical interconnection networks through discrete broadcast-select multi-domain WDM 65318
Aly, S. *see* Aboulnasr, T. 52218
Alyan, M.A.A.S., Rahim, Y.H.A., Al-Dhalaan, S.M.S. Improved stability of superconducting turbo-alternators by pole-assignment techniques 89841
Alyasin, S., Hoffman, S., Sasaki, R. The identification of the true energy savings realized from high efficiency electronic loads 89233
Alyea, E.D. *see* Chang, Y.H. 98645
Alyokhin, A.P. *see* Fominski, V.Yu. 71369
Alzahrani, F., Chen, T. On-chip TEC-QED ECC for ultra-large, single-chip memory systems 92179
Alzaid, A.A., Proschan, F. Max-infinite divisibility and multivariate total positivity 91185
Alzayed, N.S., Chang-Xin Fan, Lu, D.F., Wong, K.W., Chester, M., Knapp, D.E. Deep nondestructive testing using a bulk high T_c RF-SQUID 75906
Alzayed, N.S. *see* Fan, C.-X. 70196
Amada, E. *see* Ishifuji, T. 86153
Amada, E. *see* Takiyasu, Y. 85757
Amada, Y. *see* Kobayashi, Y. 71527
Amadi-Echendu, J.E., Hengjun Zhu Detecting changes in the condition of process instruments 75935
Amadi-Echendu, J.E., Hengjun Zhu, Higham, E.H. Signal analysis applied to detect blockages in pressure and differential pressure measurement systems 97869
Amadi-Echendu, J.E. *see* Zhu, H. 98349
Amadio, E., Iaboni, P., La Manna, M., Mariano, P. Implementation of high availability mechanisms in the air traffic control SIR-S system 77200
Amagai, M., Ohsumi, M., Kawasaki, E., Baumann, R., Kitagawa, H. The effect of polyimide surface morphology and chemistry on package cracking induced by interfacial delamination 60962
Amaike, S., Yanome, S., Abe, T., Ishii, T. Commercialization study results of integrated coal gasification combined cycle system (IGCC) 68475
Amakawa, T. *see* Shibuya, M. 68259
Amann, C.A. Cleaning up the automotive engine—retrospect and prospect 78968
Amann, H.P. *see* Moser, V. 49090
Amann, M. *see* Dusi, W. 88041
Amann, M. *see* Grassi, D. 88039
Amann, M. *see* Rentz, O. 68350
Amano, F. *see* Matsumura, T. 52257
Amano, H., Maeda, T., Miyagi, Y., Honma, M., Kikuchi, T., Miyajima, Y., Ozawa, M., Nagatome, K., Maki, M., Fujino, S. Development of on-line system for wafer sort process 60936
Amano, H. *see* Akasaki, I. 72638
Amano, H. *see* Gotz, W. 71207
Amano, H. *see* Kim, S.T. 83134
Amano, H. *see* Tanaka, T. 71116
Amano, H. *see* Xiaoping Ling 61747
Amano, I. *see* Yokoo, K. 62058
Amano, K. A comparison between the formulations of Symm and Hough & Papamichael for the numerical conformal mapping by the integral equation method 54788
Amano, K. Array design gives full play to features of laminated ceramic chip capacitors 70950
Amano, K. A comparison between two formulations for the numerical conformal mapping by the charge simulation method 79730
Amano, M. *see* Kikuchi, K. 63816
Amano, M. *see* Sakata, H. 66583
Amano, M. *see* Ujihara, H. 78917
Amano, M. *see* Watanabe, T. 82621
Amano, N. *see* Sakakibara, S. 54891
Amano, Y. A new hybrid ac-dc plasma display panel 87371
Amantegui, J. *see* Ruiz, J. 78251
Amanullah, A.S., Salehi, M. Joint source-channel coding in the presence of feedback 95177
Amanuma, K., Fuwa, M., Sakaki, Y. High accurate ripple reducing method based on the repetitive control 100294
Amanuma, K., Hase, T., Miyasaka, Y. Fatigue characteristics of sol-gel derived $Pb(Zr,Ti)O_3$ thin films 93712
Amanuma, K. *see* Hase, T. 91553
Amar, A., Song, D., Lobb, C.J., Wellstood, F.C. 2e and e periodic pair currents in superconducting Coulomb-blockade electrometers 56261
Amar, A. *see* Wellstood, F.C. 97906
Amar, F., Fung, A.K., De Grandi, G., Lavalle, C., Sieber, A. Backscattering from forest canopies over slanted terrain 77586
Amar, F. *see* Karam, M.A. 77585
Amar, F. *see* Liu, L.M. 57819
Amar, M., Kaczmarek, R., Protat, F. Prediction of power losses in silicon iron sheets under PWM voltage supply 56207
Amar, M., Protat, F. A simple method for the estimation of power losses in silicon iron sheets under alternating pulse voltage excitation 72030

Amarasinghe, S.K., Green, D.H. Cycle-set structure and correlation properties of families of multiple-valued sequences derived from non-primitive irreducible polynomials 95223
Amaratunga, G. *see* Narayanan, E.M.S. 56061
Amaratunga, G.A.J. *see* Davis, C.A. 61390
Amaratunga, G.A.J. *see* Davis, C.A. 62411
Amaratunga, G.A.J. *see* Goud, C.B. 62737
Amaratunga, G.A.J. *see* McKenzie, D.R. 70083
Amaratunga, G.A.J. *see* Rusli 71169
Amaratunga, G.A.J. *see* Veerasamy, V.S. 50679
Amaratunga, K. *see* Williams, J.R. 57593
Amarendra, G., Viswanathan, B. Electrostatic lenses and beam optics calculations 87660
Amarendra, G., Viswanathan, B., Venugopal Rao, G., Thomas Kutty, K.V., Purniah, B., Gopinathan, K.P. Slow positron beam set up at Kalpakkam—a progress report 87661
Amaryan, M. *see* Zorn, C. 88099
Amat-Guerri, F. *see* Ferrer, M.L. 50750
Amat-Guerri, F. *see* Fimia, A. 94681
Amato, G. *see* Demichelis, F. 48982
Amatrudo, G. *see* Swenson, H.N. 67685
Amaudov, B. *see* Yakimova, R. 92935
Amaut, L.R., Davis, L.E. Wave impedance dyadic for hybrid modes in general homogeneous biisotropic cylindrical waveguides 83799
Amaya, K. *see* Ishizuka, M. 76168
Amazawa, T. *see* Saito, K. 70135
Ambike, S., Ilow, J., Hatzinakos, D. Detection for binary transmission in a mixture of Gaussian noise and impulsive noise modeled as an alpha-stable process 57525
Amblard, G.R. *see* Fadda, E. 81660
Amblard, P.-O., Moisan, E. Frequency domain Volterra filters in terms of distributions 95575
Ambler, A.P. *see* Dear, I.D. 79283
Ambler, A.P. *see* Dick, J.H. 79286
Ambler, B. *see* Stafford, J.V. 97199
Ambo, T. *see* Shinohara, H. 100017
Ambo, T. *see* Yuyama, S. 100022
Ambrazeviciene, V., Galdikas, A., Mironas, A., Setkus, A. Highly selective low power Cu and Pt doped SnO_2 film based CO gas sensor 87329
Ambri, M. *see* Meddeb, J. 79940
Ambrose, J.G. *see* Stufflebeam, J.L. 66137
Ambrose, T.P. *see* Fuhr, P.L. 98070
Ambrose, T.P. *see* Huston, D.R. 90702
Ambrosi, G., Babucci, E., Battiston, R., Biasini, M., Easo, S., Krastev, V., Pauluzzi, M., Santocchia, A., Bay, A., Burger, W.J., Extermann, P., Perrin, E., Susinno, G., Brooks, M., Kapustinsky, J.S., Kinnison, W.W., Lee, D.M., Mills, G.B., Thompson, T.C., DiBitonto, D., Pennington, T., Subhani, K., Hauviller, C. Design and construction of double-sided silicon ladders for the L3 microvertex detector 53302
Ambrosi, G. *see* Adam, A. 88087
Ambrosi, G. *see* Adam, A. 88102
Ambrosi, G. *see* Adriani, O. 88023
Ambrosi, P., Buchholz, G., Bohm, J., Griffith, R.V., Herrmann, D., Strachotinsky, C. Results of the IAEA intercomparison for individual monitoring 67652
Ambrosi, P., Hilgers, G., Nolte, R. A two-element TL dosemeter for the measurement of $H_p(0.07)$ and $H_p(10)$ in mixed photon/beta fields 88599
Ambrosini, D. *see* Gori, F. 50999
Ambrosini, D. *see* Schirripa Spagnolo, G. 57022
Ambrosio, G. *see* Acerbi, E. 89295
Ambrosio, M., Barbarino, G.C., Lauro, A., Osteria, G., Agnetta, G., Catalano, O., Scarsi, L., Lanza, A., Liguori, G., Torre, P. Performances of RPC detectors with tracking and timing electronics 53341
Ambrosio, M. *see* Arena, V. 98656
Ambrosone, G. *see* Demichelis, F. 48982
Amburn, P. *see* D'Angelo, W. 59451
Amburn, P. *see* Ericson, M. 59492
Ameling, W. *see* Raus, M. 79469
Amellal, S., Kaminska, B. Functional synthesis of digital systems with TASS 49212
Amemiya, A. *see* Ryu, K. 94000
Amemiya, F. *see* Masugi, M. 64164
Amemiya, F. *see* Masugi, M. 79266
Amemiya, K. *see* Yamada, S. 92187
Amemiya, M., Aiki, M., Kasai, H. Design and performance of gigabit/s optical submarine repeatered transmission system (FS-1.8G) 65853
Amemiya, N., Inaho, K., Ishigami, H., Tsukamoto, O., Hlasnik, I. Current distribution in multifilamentary superconductors and their quench current degradation 82316
Amemiya, N., Kikuchi, T., Hanafusa, T., Tsukamoto, O. Stability and AC loss of superconducting cables—analysis of current imbalance and inter-strand coupling losses 99712
Amemiya, N., Ryu, K., Kikuchi, T., Tsukamoto, O. Influence of current re-distribution and thermal diffusion among strands on stability of superconducting cables against local disturbances 89294
Amemiya, N. *see* Fukui, S. 82329
Amemiya, N. *see* Hlasnik, I. 82310
Amemiya, N. *see* Ryu, K. 89297
Amemiya, N. *see* Tsukamoto, O. 89785
Amemiya, Y. Researches on biological and electromagnetic environments in RF and microwave regions in Japan 98999
Amemiya, Y., Yamaguchi, T. Approximate formula of shielding effectiveness from transmission line analogy of a plane sheet compared with that from electromagnetic field theory 83718
Amemiya, Y. *see* Aisawa, S. 80527
Amemiya, Y. *see* Morie, T. 80531
Amendt, P. *see* Eder, D.C. 63677
Amer, H.A. *see* Hassib, G.M. 88194
Amer, P.D. *see* Diaz, M. 74697
Amer, R.Y. Townsend-streamer transition overvoltage and PD 93700
Amerasekera, A., Chapman, R.A. Technology design for high current and ESD robustness in a deep submicron CMOS process 93591
Amerasekera, A., Selvam, S.T., Chapman, R.A. Designing latchup robustness in a 0.35 μm technology 62987
Amerongen, R.A.M.van *see* van Amerongen, R.A.M.
Amerov, A.K., Ovechko, V.S., Petrosian, P.T., Strizshevskii, V.L. Correlation technique of investigation of nonstationary laser emission 73046
Amersfoort, P.W.van *see* van Amersfoort, P.W.
Amesz, P.H. *see* Leguijt, C. 94252
Ametani, A., Kasai, Y., Sawada, J., Mochizuki, A., Yamada, T. Frequency-dependent impedance of vertical conductors and a multiconductor tower model 78164
Ameziane, E.L. *see* Debbagh, F. 71204
Ameziane, J. *see* Gardes, B. 54894
Amick, J.A., Bottari, F.J., Hanoka, J.I. The effect of aluminum thickness on solar cell performance 69012
Amick, P.J. Reliability life testing of CTE-compatible surface mount modules 92677
Amidei, D., Azzi, P., Bacchetta, N., Bailey, M.W., Barnett, B., Bedeschi, F., Bisello, D., Bolognesi, V., Boswell, C., Busetto, G., Carithers, W.C., Carter, H., Castro, A., Dell'Agnello, S., Derwent, P.F., Ducar, R., Dunn, A., Ely, R., Flaugher, B., Galeotti, S., Barbaro-Galtieri, A., Garfinkel, A.F., Haber, C., Holland, S., Hrycyk, M., Herrup, D., Hughes, R., Kleinfelder, S., Loreti, M., Mariotti, M., Matthews, J., Menzione, A., Merrick, T., Nelson, C., Pescara, L., Produit, N., Punzi, G., Raffaelli, F., Ristori, L., Schneider, O., Segler, S., Shapiro, M.D., Shaw, N.M., Shaw, T., Skarha, J., Snider, F.D., Song, T.Y., Spies, A., Tipton, P., Tkaczyk, S., Tartarelli, F., Tseng, J., Turini, N., Turner, K., Vejcik, S., Watts, G., Wesson, T.R., Wester, W.C., III, Wenzel, H., Wong, M., Yao, W., Zetti, F. The Silicon Vertex Detector of the Collider Detector at Fermilab 98639
Amidei, D. *see* Derwent, P.F. 76784
Amideo, P., Musilli, C., Salvati, R. A simple low cost chip-on-glass technique 81115
Amin, A. *see* Kulwicki, B.M. 52951
Amin, A. *see* Witter, D.E. 97988
Amin, A.M., Petrie, G. Design characteristics and geometric calibration of video frame scanners 53527
Amin, J., Hempstead, M., Roman, J.E., Wilkinson, J.S. Tunable coupled-cavity waveguide laser at room temperature in Nd-diffused Ti:$LiNbO_3$ 94386
Amin, M., Jacques, L.V., Shirani, O. Seismic design criteria for short-term conditions in nuclear power plants 78307
Amin, M.G. Spectral decomposition of time-frequency distribution kernels 64434
Amin, M.G., Williams, W.J. Deterministic exponential modeling techniques for high spectral resolution time-frequency distributions 84262
Amin, M.G. *see* Ferry, R.J. 92400
Amin, S., Fernandez-Villacanas, J.-L.., Cochrane, P. A natural solution to the travelling salesman problem 79643
Amin, S.A., Evans, D.J. Systolic array design for low-level image processing 66146
Amin, S.J., Olafsson, S., Gell, M.A. A neural network approach for studying the switching problem 51740
Amin, V.R., Wilson, D.E., Roberts, R., Rouse, G. Tissue characterization for beef grading using texture analysis of ultrasonic images 99357
Amin Ali *see* Ali Amin
Aminaka, E., Tsutsui, T., Saito, S. Electroluminescent behaviors in multilayer thin-film electroluminescent devices using 9,10-bisstyrylanthracene derivatives 50685
Aminaka, E. *see* Saito, S. 72571
Amingual, D. *see* Lucas, C. 66362
Aminian, K., Robert, Ph., Jequier, E., Schutz, Y. Estimation of speed and incline of walking using neural network 98757
Aminian, K. *see* Thouvenin, X. 97943
Aminov, R.Z., Kovaltchuk, A.B., Doronin, M.S., Shcheglov, A.G., Borislenkov, A.E., Zabuga, A.A., Shaufler, L.G. Adapting high-power aircraft gas-turbine engines for power plants 89689
Amir, C. *see* Rashid, E. 92286
Amir, H., Gavan, J. A novel energy management telecontroller system for a modern home 77907
Amir, N. *see* Juravel, Y. 94274
Amir, Y. *see* Moser, L.E. 65397
Amiranoff, F. *see* Specka, A. 76597
Amirat, M.Y., Pontnau, J., Artigue, F. A three-dimensional measurement system for robot applications 87039
Amirfathi, M.M. *see* Bond, W.E. 99068
Amirhaghi, S., Craciun, V., Craciun, D., Elders, J., Boyd, I.W. Low temperature growth of highly transparent c-axis oriented ZnO thin films by pulsed laser deposition 91587
Amirov, Sh.Sh. *see* Tagiev, Z.A. 50922
Amirsaidov, U. *see* Abdullaev, D. 96659
Amirtharaj, P.M. *see* Dhar, N.K. 91521
Amiry, A. *see* Tran, P. 66892
Amishiro, H. *see* Kondo, Y. 92452
Amistoso, A.E., Aquino, B.G., Aunzo, Z.P., Jordan, O.T., Sta. Ana, F.X.M., Bodvarsson, G.S., Doughty, C. Reservoir analysis of the Palinpinon geothermal field, Negros Oriental, Philippines 53862
Amitay, N., Nanda, S. Resource auction multiple access (RAMA) for statistical multiplexing of speech in wireless PCS 75333
Amitirigala, R. *see* Baumann, R. 60555
Amitsuka, H. *see* Sakakibara, T. 97975
Amlie, H. *see* Hellgren, A. 86675
Amm, B.C. *see* Hill, J.L. 83559
Ammann, L.P. *see* Dowling, E.M. 57553
Ammann, N. *see* Gleitsmann, G. 71281
Ammar, A.-H. *see* Eib, E.-H.M.A. 94991
Ammar, G.S. *see* Faybusovich, L. 73985
Ammar, M., Yih-Fang Huang Quantization based on statistical moments for signal detection: design and analysis 95430
Ammar, M.H. Probabilistic multicast: generalizing the multicast paradigm to improve scalability 64934
Ammar, M.H., Li, V.O.K., Ulema, M. Broadband ISDN: Standards, switches, and traffic management 96819
Ammar, M.H. *see* Clark, R.J. 65280
Ammar, M.H. *see* Rouskas, G.N. 65818
Ammar, M.M. *see* El-Sayed, N.I. 87578
Ammel, A.van *see* van Ammel, A.
Ammon, R.Von *see* Von Ammon, R.
Ammon, S. *see* Erskine, C. 75136
Ammor, H., Thiebaut, J.M., Roussy, G. Calibration of a cell, for measuring permittivity over a large frequency domain 76152
Ammou, M. *see* Holt, D.B. 81965
Amodio, P., Mazzia, F. Backward error analysis of cyclic reduction for the solution of tridiagonal systems 48854
Amon, C.H., Nigen, J.S., Siewiorek, D.P., Smailagic, A., Stivoric, J. Concurrent design and analysis of the Navigator wearable computer system: the thermal perspective 97501
Amon, S. *see* Sokolic, S. 62634
Amor, L.B., Akhrif, O., Dessaint, L.A., Olivier, G. Adaptive nonlinear torque control of a switched reluctance motor 60197
Amor, L.B., Dessaint, L.-A., Akhrif, O., Olivier, G. Adaptive input-output linearization of a switched reluctance motor for torque control 100084
Amor, L.B., Dessaint, L.A., Akhrif, O., Olivier, G. Adaptive nonlinear torque control of a switched reluctance motor via flux observation 89850
Amorim, A. *see* Ariztizabal, F. 98518
Amorin, M.C.De Andrade *see* De Andrade Amorin, M.C.
Amoroso, F. Comments on Pan-European GSM signal modulation 75237
Amoroso, N. *see* Iannone, E. 65788
Amoruso, V., Lattarulo, F. Reply to comments on "The EM field of an improved lightning return-stroke representation" by J.R. Wait 73216
Amoruso, V., Lattarulo, F. Diakoptics for electrostatics 83470
Amosov, A.F., Akhrameev, V.I., Bumarskov, A.O., Gutnik, M.N., Zarubin, L.A., Kaplan, M.P., Mekhanikov, A.I., Ol'khovskii, G.G., Panchenko, N.D., Radchenko, A.A., Reshit'ko, V.A., Chernomordik, L.I. Thermal-balance tests of a GTE-45 gas-turbine installation at the Yakutsk district power station during commissioning operations 99952
Amoundas, A. *see* He, B. 67544
Amour, A.St. *see* St. Amour, A.
Amouroux, J. *see* Farber, Y. 48984
Amphlett, J.C., Baumert, R.M., Mann, R.F., Peppley, B.A., Roberge, P.R., Rodrigues, A. Parametric modelling of the performance of a 5-kW proton-exchange membrane fuel cell stack 60441
Amrani, O., Be'ery, Y., Vardy, A. Bounded-distance decoding of the Leech lattice and the Golay code 73651
Amrani, O., Be'ery, Y., Vardy, A., Feng-Wen Sun, van Tilborg, H.C.A. The Leech lattice and the Golay code: bounded-distance decoding and multilevel constructions 95105
Amroun, A. *see* Pardey, J. 92065
Amsel, S. *see* Baji, T. 70655
Amstein, L. *see* Schmit, H. 70413
An, H., Nauwelaers, B.K.J.C., Van de Capelle, A.R., Bosisio, R.G. A novel measurement technique for amplifier-type active antennas 83853
An, H.-L. *see* Lin, X.-Z. 56513
An, I. *see* Yang, S.-Y. 90448
An, J., Champagne, B. GSC realisations using the two-dimensional transform-domain LMS algorithm 95466

An, M. *see* Lu, C. 70640
An, M. *see* Lu, C. 84269
An, M. *see* Qian, Z. 95395
An, T. *see* Prevedourou, D. 96449
An, X. *see* Psaltis, D. 56490
An Airchinnigh, M.Mac *see* Mac An Airchinnigh, M.
An Bangjian *see* Bangjian An
An Byoung-Duk *see* Byoung-Duk An
An Chul *see* Chul An
An Deyu *see* Ma Tianchi 73187
An Hongming *see* Hongming An
An Hui *see* Sun Lining 100424
An Ju-Heon *see* Ju-Heon An
An Liansuo, Wang Songling, Qin Payi Applied research on measurement and on-line monitoring of pump efficiency and flow using thermodynamic method 53085
An Peijian *see* Peijian An
An Ping Zhao, Cvetkovic, S.R. Full vectorial simulation of multilayer anisotropic waveguides with an accurate and automated finite-element program 82643
An Ping Zhao *see* Cvetkovic, S.R. 70822
An Ping Zhao *see* Cvetovic, S.R. 72387
An Qiu Zheng *see* Zheng An Qiu
An Shaofeng *see* Shaofeng An
An Tsaur Shuenn *see* Shuenn An Tsaur
An Xuegao *see* Xuegao An
An Young-Joo *see* Young-Joo An
Ana, F.X.M.Sta. *see* Sta. Ana, F.X.M.
Anabuki, T., Sakonjuh, T., Kimura, M., Akahane, T. Switching characteristics of surface-stabilized ferroelectric liquid crystals with chevron layer structure 71844
Anagni, F., Bartoletti, C., Marchetti, U., Podesta, L., Sacerdoti, G. Optical sensors for electric substations: a voltage presence detector using a liquid crystal cell 66412
Anagnostopoulos, A. *see* Kouroupetroglou, G. 98981
Anagnostopoulos, A.N. *see* Hanias, M.P. 71139
Anagnostopoulos, A.N. *see* Petrani, M.L. 61593
Anagnostopoulos, H. Cold weather effects alter SAFSTOR emphasis 78325
Anagnostou, E., Hadzilacos, V. Tolerating transient and permanent failures [protocols design] 74738
Anagnostou, M.E., Protonotarios, E.N. Analysis of a buffered TDM system with a general arrival process 57948
Anagnostou, M.E. *see* Mourelatou, K.E. 75075
Anagnostou, M.E. *see* Stamoulis, G.D. 57946
Anagnostou, M.E. *see* Venieris, I.S. 65366
Anakwa, W. *see* Chassaing, R. 69411
Analoui, M. *see* Kagawa, Y. 73267
Anami, K. *see* Sato, H. 70563
Anami, S. *see* Enomoto, A. 67005
Anami, S. *see* Fukuda, S. 67166
Anami, S. *see* Ohsawa, S. 76312
Anami, S. *see* Ono, M. 66820
Anami, S. *see* Saito, Y. 93696
Anami, S. *see* Shidara, T. 68756
Anamkath, H. *see* Whitham, K. 67008
Anamkath, H. *see* Whitham, K. 67009
Anan, T. *see* Sugou, S. 55643
Anan, T. *see* Weidan Li 54842
Anan, T. *see* Weidan Li 70040
Anan, Y. *see* Tamaki, S. 61707
Ananassn, F. Small satellites for mobile and environmental data communications: Effectively solving economic, social and technological issues 97172
Ananchenko, V. *see* Zhgoon, S. 66359
Anand, G.V. *see* Kumar, S. 56358
Anand, K., Kaye, A.R., Gulliver, T.A., Mahmoud, S.A. FEC and priority for VBR video distribution over ATM 96129
Anand, K. *see* Kaye, A.R. 85873
Anand, N.K. *see* Kim, S.H. 91005
Anand, R.Kumar *see* Kumar Anand, R.
Anand, S. Technology of sensors for clinical practice 88346
Anand, S. *see* Droopad, R. 54913
Anand, S. *see* Kuo, C.H. 55570
Anand, Y. *see* Malik, R.J. 61919
Ananda Mohan, P.V. Comments on "A novel wide-band differential amplifier" 55153
Ananda Mohan, P.V. Comments on "Grounded capacitor current-mode oscillator using single current follower" 91936
Ananda Mohan, P.V. *see* Prasanna, B.S. 92266
Anandan, M., Ketchum, D. Present status and future trends of multichannel hollow cathode true flat fluorescent lamp for full-colour LCD backlighting 52990
Anandan, M., Ketchum, D., Etlinger, H., Kirker, R., Carr, W. Design of a multi-channel true flat fluorescent lamp for avionic AM-LCD backlighting 52989
Anandan, M. *see* Bagai, R.K. 48901
Anandan, P. *see* Muller, J.R. 84708
Anandarao, B.G. *see* Manian, K.S.B. 49136
Anant, K.S., Dowla, F.U., Rodrigue, G.H. Detection of the electrocardiogram P-wave using wavelet analysis 57596
Ananth, C.V. *see* Savitz, D.A. 67635
Ananthakumar, S., Varma, H.K., Perumal, P., Rao, P.P., Damodaran, A.D., Warrier, K.G.K. Effect of addition of calcined grains on the microstructure and non-linearity features of ZnO varistors 54988
Anantharam, V. An approach to the design of high speed networks for bursty traffic 85365
Anantharam, V., Ganesh, A.J. Correctness within a constant of an optimal buffer allocation rule of thumb 74682
Anantharam, V., Honig, M.L., Madhow, U., Wei, V.K. Optimization of a database hierarchy for mobility tracking in a personal communications network 75216
Anantharam, V., Konstantopoulos, T. An optimal flow control scheme that regulates the burstiness of traffic subject to delay constraints 85228
Anantharaman, V., Parekh, B., Hegde, R. Detection and characterization of organics in semiconductor DI water processes 87589
Anantheswaran, R.C., Lin, L. Effect of viscosity and salt concentration on microwave heating of model non-Newtonian liquid foods in a cylindrical container 79013
Ananthi, S. *see* Padmanabhan, K. 76992
Anarim, E., Sankur, B., Caglar, H., Celasun, I. Design of nonseparable 2-D linear phase filter banks via shuffling operations 57852
Anarim, E. *see* Caglar, H. 51508
Anarim, E. *see* Caglar, H. 57385
Anarim, E. *see* Taskiran, C. 74275
Anashin, V.V., Belomestnykh, S.E., Didenko, A.A., Dikansky, N.S., Grishanov, B.I., Ivanov, P.M., Kiselev, V.A., Kudelainen, V.I., Kuznetsov, N.A., Lebedev, V.A., Militsin, B.L., Mishnev, S.I., Parkhomchuk, V.V., Voroshilov, A.N., Zakhvatkin, M.N. The Damping Ring for Novosibirsk Φ- and B-factories 76538
Anashin, V.V., Derevyankin, G., Dudnikov, V.G., Malyshev, O.B., Osipov, V.N., Foerster, C.L., Jacobsen, F.M., Ruckman, M.W., Strongin, M., Kersevan, R., Maslennikov, I.L., Turner, W.C., Lanford, W.A. Cold beam tube photodesorption and related experiments for the Superconducting Super Collider Laboratory 20 TeV proton collider 98393
Anashkin, E.V. *see* Aksenov, G.A. 52770
Anasis, J. *see* Dominguez, F. 68104
Anassontzis, E.G., Ioannou, P., Kourkoumelis, C., Resvanis, L.K., Bradner, H. Light transmissivity in the NESTOR site 98510
Anastasakis, D.F., Gopal, N., Seok-Yoon Kim, Pillage, L.T. Enhancing the stability of asymptotic waveform evaluation for digital interconnect circuit applications 55085
Anastassiou, D. Digital television 52685
Anastassiou, D. *see* Mokry, R. 84758
Anastassiou, D. *see* Tihao Chiang 52700
Anastassopoulos, G. *see* Lymberopoulos, D. 76873
Anastassopoulos, V., Lampropoulos, G.A. A generalized compound model for radar clutter 65879
Anata, Y., Fujisaki, Y., Kawaji, M., Katto, H., Kubo, M. Temperature-controlled wafer level Joule-heated constant-current EM tests of W/AlCuSi/W wires 62508
Anathony, P.J. *see* Lewis, D.K. 82873
Anaya, J.J. *see* Sanchez, T. 70607
Anayama, C., Furuya, A., Kondo, M., Sekiguchi, Y., Kito, Y., Fukushima, T., Sugano, M., Tanahashi, T. Alternate doping of p-type and n-type impurities for AlGaInP selfaligned stepped substrate (S^3) lasers 50849
Anayama, C. *see* Kondo, M. 71286
Anayama, C. *see* Kondo, M. 81424
Anayama, C. *see* Tanahashi, T. 56805
Anayama, C. *see* Tanahashi, T. 72844
Anazawa, Y. *see* Kaga, A. 54012
Anazawa, Y. *see* Tajima, K. 50376
Anbo, A. *see* Takeiri, Y. 53192
Anbo, T. *see* Matsuura, T. 92423
Anbo Wang *see* Greene, J. 52908
Anbo Wang *see* Xiaojun Fang 98075
Anbu Kulandainathan, M. *see* Gnana Sahaya Rosilda, L. 68973
Anbukumar, S. *see* Ravi, G. 48911
Anc, M. *see* Campisi, G.J. 93455
Anc, M.J., Cordts, B.F., Allen, L.P., Krull, W.A., Guerra, M.A. Crystallographic effects in implantation of oxygen for SIMOX 93142
Anceaume, E. A comparison of fault-tolerant atomic broadcast protocols 96265
Ancelin, C., Bouissou, M., Collet, J., Gallois, M., Magne, L., Villatte, N., Yedid, C., Mulet-Marquis, D. From LESSEPS to the workstation for reliability engineers 68377
Ancell, G.B., Pahalawaththa, N.C. Maximum likelihood estimation of fault location on transmission lines using travelling waves 68231
Ancin, F.J., Larreategui, M., Burrows, B.L., Carrasco, R.A. A hybrid wavelet-binary pulse excitation approach for high quality CELP speech coding 64344
Ancman, E., Poprik, C. Replacement of the yellow dixie cup 88678
Ancona, M.G. Density-gradient analysis of effects of geometry on field-emitter characteristics 62088
Ancsin, J., Zhang, Y. The effects of annealing on the resistance of high-temperature PRTs at the triple point of water after high-temperature use 87134
Anda, E.V., Latge, A. Current fluctuations in strongly electron-correlated one-dimensional double-barrier heterostructures 92997
Andaspaeva, A.A., Imenkov, A.N., Kolchanova, N.M., Popov, A.A., Yakovlev, Yu.P. Efficiency of radiative recombination in light-emitting diodes with an N-GaSb/n-GaInAsSb heterojunction 56572
Ande Lu, Ligong Zhang, Dapeng Jiang, Yajun Li, Yi Fan Study on the stability of a copper phthalocyanine Langmuir-Blodgett film gas-sensitive element 66580
Anderl, P., Koy, J., Muller, A. System of experts for beam welding processes 69584
Anderle, K., Wendorff, J.H. Holographic recording, using liquid crystalline side chain polymers 64038
Anderman, A. Real time aspects of manned space flight avionics computing 59510
Anderman, M. Lithium-polymer batteries for electrical vehicles: a realistic view 90364
Anders, A., Anders, S., Gundersen, M.A. Electron emission from pseudospark cathodes 81126
Anders, A. *see* Anders, S. 53212
Anders, A. *see* Anders, S. 53237
Anders, A. *see* Komvopoulos, K. 82267
Anders, G.J., Ford, G.L., Horrocks, D.J. The effect of magnetic field on optimal design of a rigid-bus substation 78761
Anders, J. *see* Sommer-Larsen, P. 55496
Anders, J.T., Pearson, R. Applications of the 'START' vibratory gyroscope 97878
Anders, K.-P. With the greatest of ease in the interactive multimedia age 96670
Anders, M.J., Hageman, P.R., Giling, L.J. Misorientation dependence of zinc incorporation in GaAs 81452
Anders, S., Anders, A., Brown, I. Vacuum arc ion sources: some vacuum arc basics and recent results 53212
Anders, S., Anders, A., Brown, I.G., MacGill, R.A., Dickinson, M.R. Vacuum arc ion source with filtered plasma for macroparticle-free implantation 53237
Anders, S. *see* Anders, A. 81126
Anders, S. *see* Brown, I.G. 53213
Anders, S. *see* Komvopoulos, K. 82267
Andersen, B.R. *see* Bakken, P.M. 96897
Andersen, D.R., Xiaoping Yang, Krolikowski, W., Luther-Davies, B. Technique for phase matching parametric gain in nonlinear waveguides 83252
Andersen, J.B. Transition zone diffraction by multiple edges 94814
Andersen, J.B., Eggers, P., Mogensen, P.E. Radio wave propagation and mobile communications 86113
Andersen, J.C. *see* Krane, R.J. 79424
Andersen, J.J. *see* Young, W.S. 79244
Andersen, K. *see* Cook, G.E. 69272
Andersen, L. *see* Kjaer, P.C. 68569
Andersen, M.A.E., Havemann, H. PC-program with graphic presentation for fast interactive design decisions for snubber circuits 90119
Andersen, P.E., Marrakchi, A. Noise-free holographic storage in iron-doped lithium niobate crystals 94669
Andersen, P.E., Petersen, P.M., Buchhave, P. Crosstalk in dynamic optical interconnects in photorefractive crystals 72328
Andersen, P.E. *see* Edvold, B. 64826
Andersen, T. Efficient access transmission with the FOLT 4×2 86424
Andersen, T., Carrick, A. HDSL: Economical bandwidth improvement for copper local lines 85964
Andersen, T. *see* Heino, P. 60882
Andersen, V. *see* Tvete, K. 70658
Anderson, A. *see* Nicoletti, D. 99368
Anderson, A.C. *see* Lyons, W.G. 93933
Anderson, A.L. *see* Orsi, T.H. 77560
Anderson, A.L. *see* Zimmerman, R.A. 77559
Anderson, A.M. *see* Lawson, B.D. 99060
Anderson, A.P. *see* Wright, P.V. 73312
Anderson, B., Button, G., Sharrock, W. Supporting the design process within an organisational context 69523
Anderson, B. *see* Qing-Huo Liu 77301
Anderson, B. *see* Qing-Huo Liu 88727
Anderson, B.D.O. *see* Frater, M.R. 61078
Anderson, B.D.O. *see* James, B. 64485
Anderson, B.D.O. *see* Karan, M. 95388
Anderson, B.D.O. *see* Williamson, R.C. 64463
Anderson, B.E., Anderson, K., Charalambous, A., Cotta-Ramusino, A., Dallavalle, M., Evans, H., Eyring, A., Foucher, M., Giacomelli, R., Giles, A., Gross, S., Guillot, M., Gorlitz, W., Hammartstrom, R., Hart, J., Hart, P., Hillier, S., Jovanovic, P., Kawamoto, T., Kellogg, R.G., Lahmann, R., Mannelli, M., Mueller, U., Pilcher, J., Runolfsson, O., Schmitt, B., Springer, W., Strom, D., Tecchio, M., Wagner, D., Zankel, K. The OPAL silicon-tungsten calorimeter front end electronics 88246
Anderson, B.L. Vertical-cavity ring laser 50896
Anderson, B.P., Sacchini, J.J. A comparison of stepped continuous-wave radar imaging algorithms 85073
Anderson, C.E. *see* Greenspan, H. 64645
Anderson, C.H. *see* Greenspan, H. 84799

Anderson, C.J. *see* Shahidi, G.G. 92195
Anderson, C.S., Zari, M.C. Variable delay lines offer continuously variable range selection for radar target simulators 52632
Anderson, C.W. *see* Bryant, E.B. 97002
Anderson, D., Ball, M., Caussyn, D., Ellison, T., Hamilton, B., Nagaitsev, S., Schwandt, P., Adney, J., Ferry, J., Sundquist, M., Reistad, D., Sedlacek, M. The development of a prototype multi-MeV electron cooling system 87831
Anderson, D., Barnes, G.G. Scottish Nuclear Limited: the AGR—past, present and future 60069
Anderson, D. *see* Bocker, M. 96826
Anderson, D. *see* Louineau, J.P. 100020
Anderson, D. *see* Mehta, A. 54509
Anderson, D. *see* Moslehi, M. 93626
Anderson, D. *see* Moslehi, M.M. 90920
Anderson, D. *see* Stoffelen, A. 67818
Anderson, D.E., Schneider, L.X. Design and preliminary testing of the LEB extraction kicker magnet at the SSC 67191
Anderson, D.F., Kwan, S., Peskov, V. High counting rate resistive-plate chamber 88184
Anderson, D.F., Kwan, S., Salomon, M. A low-pressure, microstrip gas chamber operated with secondary-electron emission 67315
Anderson, D.F. *see* Demortier, L. 59090
Anderson, D.F. *see* Kierstead, J.A. 59085
Anderson, D.J. *see* Hetke, J.F. 67422
Anderson, D.N. *see* Daniell, R.E., Jr. 83656
Anderson, D.N. *see* Preble, A.J. 88759
Anderson, D.Z. *see* Gan Zhou 57413
Anderson, D.Z. *see* Saffman, M. 50925
Anderson, E. *see* Pasquale, J. 51900
Anderson, E. *see* Slater, J.S. 85912
Anderson, E.C. *see* Aidarous, S. 51979
Anderson, E.I. Double fault currents in medium voltage networks 68006
Anderson, E.I., Karolak, J. Calculation of the zero sequence impedance of cables 68246
Anderson, G. *see* Grimm, K.A. 53504
Anderson, G. *see* Kusnadi 69750
Anderson, G. *see* Sun, H. 50892
Anderson, G.B. *see* Mei, P. 81912
Anderson, G.D. *see* Tazawa, S. 62490
Anderson, G.P., Golden, J.P., Cao, L.K., Wijesuriya, D., Shriver-Lake, L.C., Ligler, F.S. Development of an evanescent wave fiber optic biosensor 67513
Anderson, G.P., Golden, J.P., Ligler, F.S. An evanescent wave biosensor. I. Fluorescent signal acquisition from step-etched fiber optic probes 76899
Anderson, G.P. *see* Golden, J.P. 76900
Anderson, G.W., Hanf, M.C., Norton, P.R., Lu, Z.H., Graham, M.J. Thermal stability of sulfur passivated InP(100)-(1×1) 71342
Anderson, H.M., Radovanov, S., Mock, J.L., Resnick, P.J. Particles in C_2F_6-CHF_3 and CF_4-CHF_3 etching plasmas 81481
Anderson, H.M., Splichal, M.P. An integrated system of optical sensors for plasma monitoring and plasma process control 62428
Anderson, I.E. *see* Miller, C.M. 79301
Anderson, J. Circuit capture and PCB design: a winning combination? 49705
Anderson, J. From capture to layout 92689
Anderson, J., Okoniewski, M., Stuchly, S.S. FDTD analysis of open-ended dielectric sensors 87103
Anderson, J., Owen, S.J. Flat displays for receivers and monitors 98221
Anderson, J., Rosensweig, H. Voice output: matching consumer with product 51398
Anderson, J. *see* Chennakeshu, S. 86186
Anderson, J. *see* Soneru, M.D. 52221
Anderson, J. *see* Westphal, G. 91531
Anderson, J.B., Offer, E. Reduced-state sequence detection with convolutional codes 74173
Anderson, J.B. *see* Markman, I. 73616
Anderson, J.C. *see* Stevenson, S. 69519
Anderson, J.G. *see* Wennberg, P.O. 67814
Anderson, J.H. A comparison of experimental data and model predictions for tribocharging of two-component electrophotographic developers 94723
Anderson, J.M., Sibbald, C.L., Stuchly, S.S., Caputa, K. Advances in dielectric measurements using an open-ended coaxial line sensor 98262
Anderson, J.M. *see* Hanson, R.J. 98375
Anderson, J.M. *see* McAdams, E.T. 98921
Anderson, J.M. *see* Syllaios, A.J. 92961
Anderson, J.McC. *see* McAdams, E.T. 67559
Anderson, J.S., Thompson, S., Irwin, G., Grattan, K.T.V. And what of the future? Trends in process control 66130
Anderson, J.S. *see* Chen, C.W. 63534
Anderson, K. *see* Anderson, B.E. 88246
Anderson, K. *see* Bieniosek, F.M. 76423
Anderson, K. *see* Loe, R.S. 57600
Anderson, K.D. *see* Welland, D.R. 93886
Anderson, L. *see* Bergemont, A. 92185
Anderson, L.L. *see* Fontenla, D.P. 67650
Anderson, M. *see* Dickson, J.F. 79384
Anderson, M.A. *see* Mackie, W.A. 62052
Anderson, M.U. *see* Bauer, F. 58676
Anderson, M.U. *see* Kotulski, J.D. 87111
Anderson, N., Manley, D. A matrix extension of Winograd's inner product algorithm 79703
Anderson, N.G. *see* Agahi, F. 62234
Anderson, N.L. *see* Knapp, R.W. 67752
Anderson, N.W. *see* Wanner, J.J. 79165
Anderson, O. *see* Dalsgaard, P. 98964
Anderson, P., Catmur, J.R. Developing a safety case for signalling systems which employ safety critical software 69150
Anderson, P. *see* Elliott, J.C. 67483
Anderson, P. *see* Nachman, R. 81592
Anderson, P.M., Lereverend, B.K. Industry experience with special protection schemes 99763
Anderson, P.R., Monteverde, R.J. Strategies for characterizing and optimizing overlay metrology on extremely difficult layers 82029
Anderson, R., Flachsbart, B., Holland, J., Keller, K. Application of emerging technologies to improve supportability 88679
Anderson, R. *see* Patel, N. 62803
Anderson, R.C., Muller, R.S., Tobias, C.W. Porous polycrystalline silicon: a new material for MEMS 62485
Anderson, R.D.O. *see* Karan, M. 84330
Anderson, R.J., Aylward, S.R. Lab testing of neural networks for improved aircraft onboard-diagnostics on flight-ready hardware 59485
Anderson, R.J., Lomas, T.M.A. Fortifying key negotiation schemes with poorly chosen passwords 64310
Anderson, R.J. *see* Kempson, V.C. 87892
Anderson, R.L. A training system analysis: investment spares cost versus availability 59665
Anderson, R.L. *see* Garcia Sanchez, F.J. 62760
Anderson, R.L. *see* Ortiz-Conde, A. 49991
Anderson, R.M., Benedict, J., Flaitz, P., Klepeis, S. TEM observation of thin oxide-nitride-oxide layers 81407
Anderson, R.R. *see* Karl, F.X. 76705
Anderson, S., Balkau, F., Gurkok, C. An integrated approach to Mos-gated power semiconductor manufacturing based on cleaner production technologies for waste minimization by design 79279
Anderson, S., Blewett, D., Kilduff, M. Rapid prototyping tools for telecommunications applications 96435
Anderson, S. *see* McCall, J. 79280
Anderson, S. *see* Pei, X. 67235
Anderson, S.G.H. *see* Ho, P.S. 62539
Anderson, S.J. Ionospheric phase distortion of HF skyware radar signals—problems and solutions 86576
Anderson, T. Upgrading the Anglo-Scottish Interconnector: commissioning of Longannet static excitation 59802
Anderson, T. *see* Goodwin, J.E. 76678
Anderson, T. *see* Loupas, T. 59285
Anderson, T.E. *see* Dahlin, M.D. 85298
Anderson, T.E. *see* Wang, R.Y. 96720
Anderson, T.J. *see* Guan, Y. 72886
Anderson, T.R. A comparison of auditory models for speaker independent phoneme recognition 73888
Anderson, T.R. *see* Colombi, J.M. 64379
Anderson, T.R. *see* Colombi, J.M. 84126
Anderson, T.R. *see* DeSimio, M.P. 73813
Anderson, V.L., Wunsch, R.E., Klein, A., Schutz, R.J. A quality management system for Mylar capacitor film manufacturing 79477
Anderson, W.A. *see* He, L. 55652
Anderson, W.A. *see* Jia, Q.X. 61294
Anderson, W.A. *see* Jia, Q.X. 62657
Anderson, W.A. *see* Jia, Q.X. 93744
Anderson, W.A. *see* Lee, H.J. 71570
Anderson, W.A. *see* Shi, Z.Q. 100748
Anderson, W.A. *see* Yi, J. 78822
Anderson, W.A. *see* Yi, J. 100690
Anderson, W.A. *see* Zheng, J.P. 72600
Anderson, W.C. *see* Madurasinghe, D. 86540
Anderson, W.T. *see* Christianson, K.A. 80739
Anderson, W.T. *see* Micheel, L.J. 55244
Anderson, W.T. *see* Ovadia, S. 86329
Anderson, W.T. *see* Ovadia, S. 97295
Andersson, A., Eriksson, M., Lindgren, L.-J., Rojsel, P., Werin, S. The MAX II synchrotron radiation storage ring 53104
Andersson, B. *see* Mangan, M.F. 54189
Andersson, G. *see* Songpongs, P. 81294
Andersson, I. *see* Djupsjobacka, A. 97287
Andersson, K., Gustafsson, U., Heijkenskjold, L., Revsater, R., Sigurd, D. An improved NMOS controlled thyristor 55932
Andersson, K. *see* Johansson, L. 82128
Andersson, M., Bjork, C., Karlsson, B. Cost-effective energy system measures studied by dynamic modelling 59751
Andersson, M., Kuivalainen, P., Pohjonen, H. Circuit simulation models for MOS-gated power devices: application to the simulation of an electronic lamp ballast circuit 49165
Andersson, M. *see* Johnston, P.N. 48992
Andersson, M.R. *see* Berggren, M. 82842
Andersson, M.R. *see* Berggren, M. 94296
Andersson, P. *see* Lindkvist, H. 92059
Andersson, P.O.G. Performance of frequency-hopping radio systems on interference-limited HF channels 96985
Andersson, S. *see* Gustafsson, S.-I. 69033
Andersson, T.G. *see* Dubrovskii, Yu.V. 81292
Andersson, T.G. *see* Hsu, C.C. 79856
Andersson-Engels, S. *see* Svanberg, S. 50784
Andle, J.C., Vetelino, J.F. Acoustic wave biosensors 87312
Andle, J.C., Weaver, J.T., Vetelino, J.F., McAllister, D.J. Application of unidirectional transducers in acoustic plate mode biosensors 98130
Andle, J.C. *see* Vetelino, J.F. 93853
Andler, G. *see* Abrahamsson, K. 76307
Andler, G. *see* Danared, H. 67255
Andlinger, M. *see* Gasparini, F. 53303
Andnanov, A.A., Kolesnikov, V.A. The design of multiwire screens 64167
Ando, A., Tsumori, K., Oka, Y., Kaneko, O., Takeiri, Y., Asano, E., Kawamoto, T., Akiyama, R., Kuroda, T. Large current negative hydrogen ion beam production 87952
Ando, A. *see* Imai, T. 86660
Ando, A. *see* Oka, Y. 53190
Ando, A. *see* Tsumori, K. 53191
Ando, E. *see* Kawachi, G. 71632
Ando, F. *see* Tanaka, K. 66456
Ando, H., Kitahara, Y., Hataoka, N. Evaluation of multimodal interface using speech and pointing gesture on an "interior design system" 95269
Ando, H. *see* Chavez-Pirson, A. 73126
Ando, K., Yokozawa, A., Ishitani, A. Ultrathin silicon nitride capacitors fabricated by in situ rapid thermal multi-processing for 256 Mb DRAM cells 70504
Ando, K. *see* Toya, A. 78235
Ando, M., Natsuhara, K., Murasaki, T., Oodo, M., Inasawa, Y., Sato, M. Pattern analysis of a GPS microstrip antenna on a rectangular ground plane by using modified edge representation 94959
Ando, M., Okada, H., Kakinoki, Y. Advanced pattern inspection using macroview 69600
Ando, M. *see* Hayakawa, Y. 79763
Ando, M. *see* Hirokawa, J. 94962
Ando, M. *see* Jun-ichi Takada 83860
Ando, M. *see* Natsuhara, K. 94958
Ando, M. *see* Oku, Y. 67509
Ando, M. *see* Sakakibara, K. 64237
Ando, M. *see* Takada, J. 94999
Ando, S. *see* Chen, P. 84086
Ando, S. *see* Fukui, T. 70164
Ando, S. *see* Inoue, Y. 56403
Ando, S. *see* Shinoda, H. 97984
Ando, S. *see* Sogawa, T. 61297
Ando, T. Conductance fluctuations in quantum wires: Effects of strong spin-orbit interaction 71188
Ando, T. Future image acquisition technologies of image communication systems 74815
Ando, T., Kato, Y., Takahashi, K. On specifying protocols based on LOTOS and temporal logic 96244
Ando, T., Nishi, M., Kato, T., Yoshida, J., Itoh, N., Shimamoto, S. Measurement of quench back behavior on the normal zone propagation velocity in a CICC 93999
Ando, T., Sugimoto, M., Tsuji, H., Matsuda, S., Shimamoto, S. The applicability of the react-and-wind technique to the ITER-TF coil with a Nb_3Al conductor 93993
Ando, T., Tomioka, T., Nakazono, M., Atsumi, K., Tane, Y., Nakano, J., Hirata, S. Fine pitch TAB assembly technology for 820 pin ceramic PGA single point bonding technology at room temperature 92845
Ando, T. *see* Ae, T. 50623
Ando, T. *see* Isono, T. 82466
Ando, T. *see* Nakajima, H. 72261
Ando, T. *see* Nishi, M. 93992
Ando, T. *see* Sawada, K. 71033
Ando, T. *see* Sawada, K. 82813
Ando, T. *see* Takahashi, Y. 72219
Ando, T. *see* Ueda, M. 92993
Ando, T. *see* Yamauchi, J. 50462
Ando, T. *see* Namba, S. *(editor)* 69311
Ando, Y. *see* Endo, Y. 68427
Ando, Y. *see* Ito, N. 79045
Ando, Y. *see* Morohashi, M. 61270
Ando, Y. *see* Osawa, M. 80201
Ando, Y. *see* Sasaki, Y. 65637
Ando, Y. *see* Tsuboi, N. 61267
Ando, Y. *see* Yokota, K. 62406
Ando Shigeru *see* Shigeru Ando
Andoh, F. *see* Kawashima, H. 98094
Andoh, F. *see* Sugawara, M. 98108
Andoh, M. *see* Ikunishi, S. 63453
Andoh, M. *see* Itoh, K. 58258
Andoh, S. *see* Suzuki, K. 62796
Andolfatto, F. *see* Gloaguen, F. 100442
Andong Tang *see* Tang Andong
Andonovic, I., Tancevski, L., Shabeer, M., Bazgaloski, L. Incoherent all-optical code recognition with balanced detection 74660
Andonovic, I. *see* Ahmed, I. 74310
Andonovic, I. *see* Cruden, A. 60020
Andonovic, I. *see* Hunter, D.K. 57958
Andonovic, I. *see* Hunter, D.K. 58429
Andonovic, I. *see* Legg, P.J. 57953
Andonovic, I. *see* Tancevski, L. 58378
Andonovic, I. *see* Tancevski, L. 85264
Andow, F. History and state of the art on power system protection in Japan 89376
Andrade, A.O.M. *see* Iskander, M.F. 61425
Andrade Amorin, M.C.De *see* De Andrade Amorin, M.C.

Andras, I. *see* Mitran, I. 61125
Andrasic, G. *see* James, J.R. 51242
Andre, A.D., Heers, S.T., McCann, R.S., Cashion, P.A. Preview and practice: effects on scheduling behavior in a simulated flight task 99055
Andre, C., Peraldi, M.-A. Hard real-time system implementation on a microcontroller 61766
Andre, D. *see* Haldoupis, C. 59556
Andre, E. *see* Belkacem, A. 48987
Andre, E. *see* Petri, R. 62467
Andre, E. *see* Vatel, O. 71068
Andre, J. *see* Kerzar, B. 86527
Andre, J. *see* Lourdudoss, S. 56817
Andre, M. *see* Alexander, S. 88939
Andre, P. *see* Cressan, E. 52520
Andre, P. *see* Dienot, J.M. 80717
Andre, P. *see* Llopis, O. 80718
Andre, P. *see* Verdier, J. 62885
Andreaco, M. *see* Rajeswaran, S. 59291
Andreaco, M. *see* Rogers, J.G. 88125
Andreadakis, N.C. *see* Chung-En Zah 63780
Andreadakis, N.C. *see* Chung-En Zah 72838
Andreadakis, N.C. *see* Soole, J.B.D. 52553
Andreadakis, N.C. *see* Soole, J.B.D. 97284
Andreadakis, N.C. *see* Uomi, K. 50824
Andreadakis, N.C. *see* Zah, C.E. 97283
Andreae, K.H. *see* Zorner, W. 89652
Andreae, T. *see* Konig, W. 86871
Andreasen, L. *see* Bowles, B. 96531
Andreasen, S.B. *see* Dybdal, K. 56729
Andreasen, S.B. *see* Obro, M. 75500
Andreatos, A.S., Protonotarios, E.N. Receiver synchronization of a packet video communication system 58216
Andreatta, A.A., Ribeiro, C.C. A graph partitioning heuristic for the parallel pseudo-exhaustive logical test of VLSI combinational circuits 91972
Andree, H.M.A. *see* Kolstein, M. 74343
Andree, W., Schulze, D., Zanming Wang 3D eddy current computation in the transverse flux induction heating equipment 90648
Andreeta, J.P. *see* Barbosa, E.A. 83346
Andreev, A.G. *see* Zabrodskii, A.G. 49769
Andreev, A.N., Anikin, M.M., Syrkin, A.L., Chelnokov, V.E. Effect of various processing methods on the state of a 6H-SiC(0001) surface 55790
Andreev, A.N., Anikin, M.M., Syrkin, A.L., Chelnokov, V.E. Method for purifying a silicon carbide surface in high vacuum 81509
Andreev, A.N., Ivanov, P.A., Strel'chuk, A.M., Savkina, N.S., Chelnokov, V.E., Shaposhnikov, I.R. Dynistor based on epitaxial SiC-6H layers grown by sublimation in an open growth system 93514
Andreev, A.N., Snegov, F.M., Strel'chuk, A.M., Chelnokov, V.E. Silicon carbide thyristors: certain features of the devices and estimate of their possible parameters 93360
Andreev, A.T., Panajotov, K.P., Karakoleva, E.I. Wavelength division action of a distributed single-mode fiber-to-symmetrical planar waveguide coupler 94078
Andreev, A.T., Vasil'ev, V.D., Zafirova, B.S., Kozlov, V.A., Senatorov, A.K., Shubochkin, R.L. Phase nonreciprocity in a fiber-optic ring interferometer with a nonideal phase modulator 56353
Andreev, A.T. *see* Panajotov, K.P. 56360
Andreev, A.V., Divin, Yu.Ya., Gubankov, V.N., Kotelyanskii, I.M., Kravchenko, V.B., Zybtsev, S.G., Stepantsov, E.A. Josephson effects in $YBa_2Cu_3O_{7-x}$ grain-boundary junctions on (001) $NdGaO_3$ bicrystal substrates 63306
Andreev, A.V., Divin, Yu.Ya., Gubankov, V.N., Kotelyanskii, I.M., Kravchenko, V.B., Zybtsev, S.G., Stepantsov, E.A. Detection of microwave radiation by thin-film $YBa_2Cu_3O_{7-x}$ microbridges on bicrystalline $NdGaO_3$ substrates 87142
Andreev, F.M., Kovbasyuk, S.V. Derivation of initial approximations for the multivariable recurrent filters during the correlated measurements 74023
Andreev, F.M., Seletkov, V.L. Estimation of the parameters of signals irresolvable by the Rayleigh criterion 57486
Andreev, N.F., Palashov, O.V., Khazanov, E.A. Compact single-frequency YAG:Nd laser immune to misalignment 82966
Andreev, N.I., Bogdanov, A.V., Gridasov, V.I., Kozub, S.S., Myznikov, K.P., Sychev, V., Sytnik, V.V., Vasiliev, L.M., Zlobin, A.V. Improvements of the behavior of the UNK superconducting magnets 76575
Andreev, P.V., Galkin, A.Ya., Gryaznov, G.M., Zhabotinskii, E.E., Zaritskii, G.A., Nikonov, A.M., Serbin, V.I. Using thermoelectric nuclear power generators in spacecraft power-generation and propulsion complexes 60074
Andreev, P.V., Galkin, A.Ya., Zhabotinskii, E.E. Optimum dimensions of electricity-generating channels of thermoelectric nuclear reactors 59516
Andreev, P.V., Galkin, A.Ya., Zhabotinskii, E.E., Nikonov, A.M., Usov, V.A. Prospects of using thermoelectric nuclear power generators for manufacturing of materials in space 59515
Andreev, S.K., Popova, L.I., Gueorguiev, V.K., Stoyanov, N.D. Characteristics of diode humidity sensors based on SnO_2-sensing properties 66528
Andreev, S.K., Popova, L.I., Gueorguiev, V.K., Stoyanov, N.D. Modelling the gas-sensing behaviour of SnO_2-gate FETs 66553
Andreev, S.K. *see* Popova, L.I. 66554
Andreev, V.A., Lombardi, A., Parisi, G., Vretenar, M. Analysis of the end regions of the CERN lead-ion 4-rod RFQ 76416
Andreev, V.A., Parisi, G. 90°-apart-stem RFQ structure for wide range of frequencies 76523
Andreev, V.G., Batskikh, G.I., Bondarev, B.I., Murin, B.P. High-beta linac accelerating structure 67224
Andreev, V.G. *see* Koshelev, V.I. 58456
Andreev, V.I., Vitkov, V.M. Operation of nuclear power stations in 1993 99847
Andreev, V.M., Kalinovskii, V.S., Larionov, V.R., Strogova, E.O., Rumyantsev, V.D. Behavior of AlGaAs/GaAs photodiodes subjected to soft ionizing radiation 50680
Andreev, V.S., Gordonov, E.Yu. Reduction of nonlinear distortions of microwave power amplifiers 61886
Andreev, V.V., Yudin, I.P. Third-order bending magnet optics for Cartesian coordinates 66929
Andreev, V.Yu. Behavior of average standing-wave ratio for scattering by one-dimensional strong random inhomogeneities 64128
Andreev, Yu.M., Briskman, Ya.A., Seliverstov, V.V., Tikhomirov, B.D., Shor, M.E. Automatic tractional electric drives for heavy-duty mine dumptrucks 69153
Andrekson, P.A., Kazarinov, R.F., Olsson, N.A., Tanbun-Ek, T., Logan, R.A. Effect of thermionic electron emission from the active layer on the internal quantum efficiency of InGaAsP lasers operating at 1.3 μm 63764
Andrekson, P.A. *see* Bertilsson, K. 75471
Andreone, D., Brunetti, L., Petrizzelli, M. Design of a superconducting bolometer for low-power standards in the millimetre wave field 58775
Andreone, D., Godone, A., Canarelli, L. 1-V Josephson voltage standard at IEN 86848
Andreone, D. *see* Arri, E. 86831
Andreotta, R.J. *see* Galbreath, J. 52166
Andreou, A.G. *see* Kantabutra, V. 49290
Andreou, A.G. *see* Kewei Yang 91915
Andreou, A.G. *see* Meitzler, R.C. 56068
Andreou, A.G. *see* Pavasovic, A. 63020
Andreou, A.G. *see* Pavasovic, A. 71779
Andreou, A.G. *see* Pineda, F.J. 57617
Andreou, A.G. *see* Yang, K. 56002
Andrepont, J.S., Steinmann, S.L. Summer peaking capacity via chilled water storage cooling of combustion turbine inlet air 89695
Andres, D. *see* Parker, T.E. 93861
Andres, J.M., Jefferies, S.R., Gillenwaters, G. Validation of a real-time cable deployment control system for slack cable laying 96956
Andres, P. *see* Chii-Maw Uang 50445
Andres-Toro, B. *see* Giron-Sierra, J.M. 78420
Andresen, J., Areti, H., Black, D., Chramowicz, J., Foster, G., Joshi, U., Treptow, K., Walsh, D., Van Conant, R., Zimmermann, S., Zmuda, T. FASTBUS readout system for the CDF DAQ upgrade 88067
Andresen, K. *see* Qifeng Yu 64847
Andresen, K. *see* Qifeng Yu 95982
Andresen, P. *see* Grunefeld, G. 77111
Andreula, J.J., Heindel, L.E., Koh, R. Creating an open systems compatible message queueing system 75048
Andrew, J. *see* Dunstone, E. 96095
Andrew, T.S. *see* Brown, B.L. 87663
Andrew, T.S. *see* Brown, B.L. 87797
Andrew, T.S. *see* Mills, A.P., Jr. 87944
Andrews, A., Laub, A.J. Comment on "Inversion of all principal submatrices of a matrix" 91363
Andrews, A.P. *see* Motamedi, M.E. 50914
Andrews, C. *see* Habibi, A. 96090
Andrews, D., Bishop, M.T., Witte, J.F. Harmonic measurements and analysis for power factor correction 54270
Andrews, D.A., King, T.A. Investigation of a multi-oscillator ring laser with magneto-optic bias 83207
Andrews, D.A., King, T.A. Investigation of magneto-optic mirrors for ring laser gyro applications 94214
Andrews, D.A., King, T.A. A multi-oscillator ring laser with Zeeman bias 94557
Andrews, D.A. *see* Zhi-Guo Lu 82944
Andrews, D.E. *see* Silverman, J.P. 87631
Andrews, D.J. *see* Foley, A.G. 48661
Andrews, E.J. *see* Ford, K.M. 76955
Andrews, H.G., II, Getbehead, M.A., Kozaitis, S.P. Fractal dimension estimation for optical image segmentation 57674
Andrews, H.N. *see* Faruqi, A.R. 87293
Andrews, J. P1149.1A extensions to IEEE-STD-1149.1-1990 87022
Andrews, J., Curtis, M. A comprehensive analysis, synthesis system and synthesis methodology for the production of high quality speech 95340
Andrews, J. *see* Vinnakota, B. 91719
Andrews, J.H. *see* Khaydarov, J.D.V. 63955
Andrews, J.H. *see* Khaydarov, J.D.V. 83316
Andrews, M. *see* Boys, J.T. 90576
Andrews, M.K. *see* Harris, P.D. 87094
Andrews, M.P., Kanigan, T., Wenbo Xu, Kuzyk, M.G. Integrated optics waveguide spectroscopy of self-organizing polymers and fractal composites 56914
Andrews, R.J. *see* de Rochemont, L.P. 63279
Andrey, P., Tarroux, P. Unsupervised image segmentation using a distributed genetic algorithm 57864
Andreyev, E.A. *see* Ivanchenko, I.A. 59373
Andreyev, G.A., Ogarev, S.A. Fluctuations of millimeter wave signal reflected by unmovable object in turbulent atmosphere 73326
Andreyev, N.F., Khazanov, E.A., Palashov, O.V., Pasmanik, G.A. Phase-conjugation fidelity fluctuations for various stimulated-Brillouin-scattering mirror geometries 56893
Andreyev, N.F., Matveyev, A.Z., Kocherov, A.A., Palashov, O.I., Pasmanik, G.A., Khazanov, E.A. Phase conjugation to upgrade efficiency of solid-state-laser energy conversion to narrow-band TEM_{00} mode pulses 63694
Andreyev, N.V., Podzharenko, V.A., Skilyagin, A.V. The problem of identifying the parameter of an electromechanical system 89966
Andreyev, Yu.V., Belskiy, Yu.L., Dmitriyev, A.S. Information storage and retrieval using stable cycles of two-dimensional and multidimensional mappings 95056
Andreyev, Yu.V., Dmitriyev, A.S. Storage and retrieval of images in one-dimensional dynamical systems 95055
Andreyevskaya, M.Ye., Klimachov, K.G. Investigation of waveguide PAA by the mathematic modeling method aimed at EMC 57211
Andria, G., Sabia, N., Savino, M. An SPWD-based instrument for accurate spectral analyses 97867
Andria, G., Savino, M., Trotta, A. Application of Wigner-Ville distribution to measurements on transient signals 74009
Andrianopoulos, C.D. *see* Thibault, S.E. 53886
Andrichak, J. *see* Sufana, C. 89347
Andriesh, A.M. Nonlinear and photoinduced optical phenomena in multinary chalcogenide glasses 63931
Andriesh, A.M., Akimova, E.A., Bivol, V.V., Khancevskaya, E.G., Iovu, M.S., Malkov, S.A., Verlan, V.I. Metal-semiconductor amorphous thin film-metal structures: properties and applications 93094
Andriesh, A.M., Culeac, I.P., Binchevici, V.A., Abashkin, V.G., Schitsco, V.N. Fiber-optic displacement sensor 58816
Andriessen, J. *see* van Eijk, C.W.E. 88043
Andrikidis, C. *see* Matthews, D.N. 82319
Andriot, P. *see* Durand, M. 87552
Andrisano, O., Chiani, M. The first Nyquist criterion applied to coherent receiver design for generalised MSK signals 51525
Andriyanov, A.V. *see* Sukharev, Yu.G. 56560
Andronic, C. *see* Ionescu, D. 77616
Andronic, C. *see* Ko Bong Fung 77635
Andronico, M., Casale, S., La Corte, A. A fast tone/phase reversal detector implemented on DSP 74883
Andronov, A. Analysis of nonstationary infinite-linear queueing system as a model of network with multiple random access 96204
Andronov, I.V., Bouche, D. Creeping waves on a convex object satisfying an anisotropic impedance boundary condition 57067
Andronov, I.V., Bouche, D. Computation of the second term of the propagation constant of creeping waves by the boundary layer method 57069
Andronov, I.V., Bouche, D. Asymptotic of creeping waves on a strongly prolate body 57070
Andropov, V.M. Estimates of queue lengths in computer networks 85759
Androsov, V., Bar'yakhtar, V., Bulyak, E., Gevchuk, A., Chechetenko, V., Dovbnya, A., Efimov, S., Gladkikh, P., Karnaukhov, I., Kononenko, S., Kozin, V., Lihachov, V., Lyaschenko, V., Mocheshnikov, N., Molodkin, V., Moskalenko, V., Mytsykov, A., Nemoshkalenko, V., Popkov, Yu., Shcherbakov, A., Shpak, A., Strelkov, M., Telegin, Yu., Trotsenko, V., Zelinskiy, A. Synchrotron radiation complex ISI-800 76390
Androutsopoulos, D., Kaijser, P., Katsikas, S., Presttun, K.A., Salmon, D., Spirakis, P. Surveillance and protection in IBC management: The applicability of two RACE security projects, SecureNet II and SESAME 96497
Andrus, J.F. A Runge-Kutta method with stepsize control for separated systems of first-order ODEs 48867
Andry, P., Ledoyen, F., Rambo, A., Filion, A.Y., Nerou, J.-P. Temperature-induced charge transfer at a polymer-semiconductor interface 62798
Andryushchenko, O.A. *see* Petrov, L.P. 69082
Andujar, J.L. *see* Bertran, E. 79909
Anegawa, H., Furushima, S. A next-generation data-handling system for use in space 99046
Anelli, P., Soto, M. A general purpose network simulation tool 52129

Anemogiannis, E., Glytsis, E.N., Gaylord, T.K. Optimization of multilayer integrated optics waveguides 51189
Anemogiannis, K., Bauregger, J., Riha, G. Cordless phone system architectures based on SAW filters 97070
Anerella, M., Ghosh, A.K., Kelly, E., Schmalzle, J., Willen, E., Fraivillig, J., Ochsner, J., Parish, D.J. Improved cable insulation for superconducting magnets 76663
Anerella, M. *see* Gupta, R. 76648
Anerella, M. *see* Lindner, M. 82420
Anerella, M. *see* Muratore, J. 82419
Anerella, M. *see* Thompson, P. 76655
Anerella, M. *see* Wanderer, P. 82421
Anerella, M. *see* Wanderer, P. 82422
Anet, F. *see* Wang, S.-T. 82477
Anet, F. *see* Wang, S.T. 83561
Anevsky, S.I., Vernyi, A.E., Khromchenko, V.B., Panasyuk, V.S., Sapritsky, V.I. Realization of a spectral radiance scale in the 40-250 nm spectral region based on a TROLL-type synchrotron 87750
Anfreville, M. *see* Authier, M. 59133
Ang, D.S. *see* Ling, C.H. 71664
Ang, D.S. *see* Ling, C.H. 93368
Ang, J.Y.T., Hastings, N.A.J. Model accuracy and goodness of fit for the Weibull distribution with suspended items 61082
Ang, K.S. *see* Uysal, S. 80590
Ang, R., Dutt, N. An algorithm for the allocation of functional units from realistic RT component libraries 55069
Ang, S.S. *see* Sreenivas, G. 70139
Ang, S.Y. *see* Gooi, H.B. 77977
Ang, Y.H. *see* Wu, J.K. 57883
Ang Boon Yong *see* Boon Yong Ang
Ang Zhao Di *see* Di Ang Zhao
Angel, E.de *see* de Angel, E.
Angelidis, D.T. *see* Seibert, K. 66381
Angelidis, E. A novel method for modeling 2-D FIR digital filters in frequency domain with nonuniform samples 80439
Angelidis, E., Diamessis, J.E. A parallel interpolation method for designing FIR digital filters by nonuniform frequency samples 80456
Angelidis, G. Hydrothermal optimal power flow based on hydrothermal decomposition and coordination 68090
Angelini, F., Bellazzini, R., Bosisio, L., Brez, A., Massai, M.M., Spandre, G., Torquati, M.R. A mStrip gas chamber with true two-dimensional and pixel read-out 59120
Angelini, F., Bellazzini, R., Brez, A., Massai, M.M., Raffo, R., Spandre, G., Spezziga, M., Bozzo, M. Further test and development of the micro-gap chamber 98520
Angelini, L. *see* Rovetta, A. 88527
Angelis, A.De *see* De Angelis, A.
Angelis, C.De *see* De Angelis, C.
Angell, C.A., Jiang Fan, Changle Liu, Qun Lu, Sanchez, E., Kang Xu Li-conducting ionic rubbers for lithium battery and other applications 90346
Angell, L.S. *see* Kiefer, R.J. 98749
Angell, M.J., Emerson, R.M., Hoyt, J.L., Gibbons, J.F., Eyres, L.A., Bortz, M.L., Fejer, M.M. Growth of alternating ⟨100⟩/⟨111⟩-oriented II-VI regions for quasi-phase-matched nonlinear optical devices on GaAs substrates 61370
Angelo, C.M., Claesen, L., De Man, H. Modeling multi-rate DSP specification semantics for formal transformational design in HOL 80377
Angelo, D. *see* So, E. 86933
Angelopoulos, A. *see* Ventzas, D.E. 98298
Angelopoulos, G., Pitas, I. Multichannel Wiener filters in color image restoration 57712
Angelopoulos, J.D., Boukis, G.C., Venieris, I.S. Evaluation of performance driven priorities for multi-class ATM access 85319
Angelopoulos, J.D., Venieris, I.S., Stassinopoulos, G.I. Dynamic bandwidth distribution for APONs with emphasis on low cell jitter 52536
Angelopoulos, J.D. *see* Toniatti, T. 57969
Angelopoulos, M., Patel, N., Shaw, J.M. Water soluble electrically conducting polymers 93290
Angelov, I., Zirath, H., Rorsman, N. Validation of a nonlinear HEMT model by power spectrum characteristics 81974
Angelova, A. *see* Ionov, R. 81284
Angelow, A.K., Kircheva, P.P. Tunable four-wave mixing in low-mode-number optical fibers 56885
Angelsen, B.A.J. *see* Torp, H. 88390
Angelucci, A. *see* Piovano, B. 80150
Angenent, H., Gendsior, M., Plastow, R.J. Video distribution in fibre-in-the-loop projects 52713
Angenent, J.H., Bathe, P. Video-on-demand; Implementation in existing and future networks 85449
Angenieux, G. *see* Ferrari, P. 61865
Angenieux, G. *see* Jun-Wu Tao 83748
Anger, E. *see* Vivensang, C. 71344
Angermann, H., Dittrich, T., Flietner, H. Investigation of native-oxide growth on HF-treated Si(111) surfaces by measuring the surface-state distribution 71366
Angert, N. *see* Apel, P. 53339
Angevine, W.M., White, A.B., Avery, S.K. Boundary-layer depth and entrainment zone characterization with a boundary-layer profiler 99196
Anghel, A. *see* Fuchs, A.M. 94005
Anghel, A. *see* Pasztor, C. 89293
Anghinolfi, F., Aspell, P., Bonino, R., Borer, K., Campbell, D., Campbell, M., Clark, A.G., Gossling, C., Jarron, P., Heijne, E.H.M., Kambara, H., Lisowski, B., Moorhead, G.F., Murray, P., Santiard, J.C., Taylor, G.N., Teiger, J., Verweij, H., Weidberg, A., Wu, X. Characteristics of a 'HARP' signal processor with analog memory operated with segmented silicon detectors 88228
Anghinolfi, F., Aspell, P., Bonino, R., Borer, K., Campbell, D., Campbelll, M., Clark, A.G., Gosslings, C., Jarron, P., Heijne, E.H.M., Kambara, H., Lisowski, B., Moorhead, G.F., Murray, P., Santiard, J.C., Taylor, G.N., Teiger, J., Verweij, H., Weidberg, A., Wu, A. Characteristics of a 'HARP' signal processor with analog memory operated with segmented silicon detectors 98663
Anghinolfi, F., Aspell, P., Bonino, R., Campbell, D., Campbell, M., Clark, A.G., Heijne, E.H.M., Jarron, P., Santiard, J.C., Verweij, H. DYN1: a 66 MHz front end analog memory chip with first level trigger capture for use in future high luminosity particle physics experiments 53345
Anghinolfi, F. *see* Bates, S.J. 53308
Anghinolfi, F. *see* Borer, K. 53347
Anghinolfi, F. *see* Borer, K. 98687
Anghinolfi, F. *see* Bosisio, L. 59074
Anghinolfi, F. *see* Dierickx, B. 67378
Anglade, Y., Fohr, D., Junqua, J.-C. Speech discrimination in adverse conditions using acoustic knowledge and selectively trained neural networks 84029
Angle, R. *see* Hanson, H. 88903
Angling, M.J. *see* Arthur, P.C. 99174
Angloher, J., Prassek, A. Fuel gauge for electric vehicles 100916
Angove, H.T. *see* Redfern, M.A. 60004
Angove, H.T. *see* Redfern, M.A. 99779
Angstenberger, A. Desmear—the key processes for reliable through-plating of printed circuitry 70981
Anguita, J. *see* Sendra, J.R. 49901
Angulo, C. *see* Bogaert, G. 59020
Angus, V. *see* Fife, A.A. 93943
Anh Ho Quoc, Tedjini, S. Experimental investigation on the optical unbalanced Mach-Zehnder interferometers as microwave filters 61889
Anh Nghiem *see* Ajuria, S.A. 93185
Anh Nguyen-Xuan *see* Caillot, M. 79180
Anh Vo *see* Vo Anh
Anholt, R., Gerber, J., Tayrani, R., Pence, J. HBT model parameter extractor for SPICE and harmonic balance simulators 93333
Ani, C.I. *see* Ahmad, R. 65084
Anibal Fernandez, F. *see* Yilong Lu 83446
Anido, G. *see* Dutkiewicz, E. 86008
Anido, G. *see* Eyers, T. 85337
Aniel, F., Crozat, P., De Lustrac, A., Adde, R., Jin, Y. High electric field transport effects on low temperature operation of pseudomorphic HEMTs 62886
Aniel, F. *see* Yazbek, K. 71719
Anigbogu, J.C. *see* Belaid, A. 64776
Anikeev, B.V., Zatrudina, R.Sh., Khramov, V.N. Spectroscopy of supermodes in an SPML laser 72662
Anikin, M.M., Lebedev, A.A., Rasstegaeva, M.G., Savkina, N.S., Strel'chuk, A.M., Syrkin, A.L., Chelnokov, V.E. SiC field effect transistor with a low threshold voltage 71726
Anikin, M.M., Lebedev, A.A., Rastegaeva, M.G., Strel'chuk, A.M., Syrkin, A.L., Chelnokov, V.E. Epitaxial films and p-n junctions grown by a sublimation method in a system with electron heating 91424
Anikin, M.M., Syrkin, A.L., Chelnokov, V.E. Outlook for the development of sublimation epitaxy of silicon carbide 91423
Anikin, M.M. *see* Andreev, A.N. 55790
Anikin, M.M. *see* Andreev, A.N. 81509
Aninkevicius, V., Bareikis, V., Katilius, R., Kopev, P.S., Leys, M.R., Liberis, J., Matulionis, A. Hot-electron noise and diffusion in AlGaAs/GaAs 62274
Anirudhan, P. *see* Prasad, S.C. 93526
Anis, W.R., Alfons, H.A. Photovoltaic-powered regulated cathodic-protection system 68489
Anis, W.R., Alfons, H.A. Photovoltaic powered regulated cathodic protection system 90102
Anis, W.R., Metwally, H.M.B. Dynamic performance of a directly coupled PV pumping system 100030
Anis, W.R., Nour, M.A.-S. Performance analysis of PV system for maximum utilization of solar radiation 60137
Anis, W.R., Nour, M.A. Optimum design of a photovoltaic powered pumping system 68488
Anis, W.R., Nour, M.A.-S. Switching mode photovoltaic pumping system 89743
Anischenko, S.E. *see* Larkin, S.Y. 93931
Anishchenko, M.L., Naumov, N.V., Petrovskii, V.N., Protsenko, E.D. Modulation resonances in a two-mode He-Ne/CH_4 laser 72671
Anishchenko, N., Afanasiev, S., Bartenev, V., Datskov, V., Karpunina, I., Malakhov, A., Malinovsky, H., Mironov, S., Petrova, L., Pryanichnikova, N., Rikhter, D., Romanov, Y., Shishov, Y., Tsvineva, G., Volkov, V. The superconducting magnetic system for the spectrometer SPHERE of relativistic nuclei 94012
Anishchenko, V.S., Safonova, M.A., Chua, L.O. Stochastic resonance in Chua's circuit driven by amplitude or frequency modulated signals 61596
Anisimkin, V.I. *see* Carlotti, G. 93742
Anisimov, V.A., Gornov, A.O., Kataev, M.Yu., Katolikov, G.V., Kiselev, A.V., Kovalenko, A.L., Krikunchik, G.A., Rozhankovskii, Yu.V., Tarasov, A.E. Thyristor voltage converters for controlling asynchronous electric drives 69084
Anisimov, V.I., Isakov, A.B., Manzhula, V.G., Sokolov, Yu.M. Circuit design of low-power reference voltage sources 55114
Anisimov, Yu.S. *see* Afanasiev, S.V. 52771
Anisimova, I.D. *see* Stafeev, V.I. 56539
Anjanappa, M., Bi, J. A theoretical and experimental study of magnetostrictive mini-actuators 82305
Anjanappa, M. *see* Bi, J. 82301
Anjard, R.P. Keys to successful TQM 90852
Anjard, R.P., Gregory, T., Robles, J., Britt, S., Kenniston, A., Rigney, G. Supplier partnerships and commodity teams 79479
Anjard, R.P. *see* Dimitroff, G. 90850
Anju Yao, Ning Sun, Xiangying Li, Anzhi He Study on raising the output stability of multi-electrode pairs TEA CO_2 laser 82940
Ankan, E. *see* Akar, N. 96138
Ankiewicz, A., Karlsson, M., Akhmediev, N. Dark soliton pairs in fiber couplers 82581
Ankiewicz, A., Ruhl, F.F. Effect of dopant distribution on optimization of Pr-doped fibre amplifiers 94395
Ankiewicz, A. *see* Akhmediev, N. 50949
Ankiewicz, A. *see* Peng, G.D. 50496
Ankiewicz, A. *see* Vance, R.W.C. 94435
Ankudinov, A.V., Lantratov, V.M., Titkov, A.N. Visualization by scanning tunneling microscopy of a cleaved surface of gallium arsenide passivated in an aqueous solution of Na_2S 62477
Ankudinov, V.E., Fedorov, P.N. Relationships between the power scattered and absorbed by an antenna receiving radiation from opposite directions 64208
Anlauf, J. *see* Ramacher, U. 49600
Anli Li *see* Li Anli
Anliker, P. *see* Bi, J.Q. 86512
Anming He Quench and quench protection for the SSC collider correctors 76658
Anming Hu *see* Yuping Sun 50396
Ann, C. *see* Nam, S.H. 70860
Ann, S. Current status and prospects of speech processing technology in Korea 95295
Ann Ngoi Bryan Kok *see* Bryan Kok Ann Ngoi
Ann Sou Guil *see* Sou Guil Ann
Ann Souguil *see* Souguil Ann
Ann-San Hou *see* Lin, C.E. 99059
Anna Sun *see* Sun Anna
Annala, G. Operational experience with the Tevatron collider using separated orbits 87848
Annala, G. *see* Saritepe, S. 66946
Annamma, C.V. *see* Aravamuthan, S. 68948
Annan, R.H. US Photovoltaic Program plan 100703
Annarummo, C. *see* Ginesi, D. 58714
Annarummo, C. *see* Ginesi, D. 66169
Anne, R. *see* Joubert, A. 76318
Annema, A.J. Hardware realisation of a neuron transfer function and its derivative 49597
Annenkov, V.Z. Sparking phenomena in the ground around earth electrodes of lightning protection systems 53843
Annenkov, V.Z. Spark formation in the earth around the earth electrode of a lightning protector 99774
Anni Cai, Jiang-ao Sun Coded aperture imaging with continuous patterns 74267
Annovazzi-Lodi, V., Donati, S., Manna, M. Chaos and locking in a semiconductor laser due to external injection 72863
Annunziato, M., Bertini, I., Cannata, M. Segmentation of multi-slices NMR images 88425
Annunziato, M., Bertini, I., Giammartini, S., Pieroni, F. A monitoring system for local traffic control based on vehicle tracking 57804
Anoikin, E.V., Guryanov, A.N., Khopin, V.F., Mashinsky, V.M., Neustruev, V.B., Vechkanov, N.N. Radiation resistance and photobleaching of pure and Ge-doped silica-core fibres at temperature 77 K 56334
Anokhin, A.B., Sitas, V.I., Sultanguzin, I.A., Khromchenkov, V.G., Borodulin, A.V. Mathematical simulation and optimization as a method for settling energy conservation and ecological issues in industrial areas 89420
Anokhina, E.N. *see* Voronkov, V.V. 61316
Anokhov, S.P. New approach to resonators with one-dimensional dispersion 63899
Anoshkin, A.V. *see* Kisin, V.V. 70130
Anoush, F. *see* Skvarna, P. 78929
Anqi Ye *see* Casasent, D.P. 74250

Anraku, K., Inaba, S., Imori, M. Low power ADC with fast zero suppression for a balloon-borne experiment 58649
Anraku, K. *see* Inaba, S. 98669
Anrong Han *see* Han Anrong
Ansaldi, E. *see* Malvicino, C. 63133
Ansari, A., Viswanathan, R. On SNR as a measure of performance for narrowband interference rejection in direct sequence spread spectrum systems 75195
Ansari, F. *see* Arshak, K.I. 75965
Ansari, F. *see* Arshak, K.I. 97976
Ansari, I., Viswanathan, R. Performance study of maximum likelihood receivers and transversal filters for the detection of direct sequence spread spectrum signal in narrowband interference 58290
Ansari, K., He, Y.K., Chen, Y.X. The state-space analysis of permanent magnet AC motor drives in the steady-state by basis-transformed state-space approach 100815
Ansari, M.S. *see* Navathe, C.P. 72989
Ansari, N. *see* Balasekar, S. 86303
Ansari, N. *see* Hanek, H. 70750
Ansari, R. *see* Guillemot, C. 96003
Ansart, A. *see* Verhaege, T. 89292
Ansary, K.E. *see* Ghoneim, M.Z. 77927
Ansell, R.O. *see* McNaughtan, A. 66277
Ansell, R.O. *see* McNaughtan, A. 87169
Anselmo, F., Block, F., Cifarelli, L., D'Ambrosio, C., Gys, T., La Commare, G., Leutz, H., Marino, M., Qian, S. Track reconstruction with a central two-shell scintillating fibre tracker (SFT) 98647
Ansermet, S. *see* Rahali, F. 82059
Ansermet, S. *see* Rahali, F. 87161
Ansheng Liu, Keller, O. Nonlocal study of the optical second-harmonic generation in a GaAs/AlGaAs quantum well subjected to a DC electric field 94605
Anshi Chen *see* Chen Anshi
Anslow, P.J. *see* Thornton, K.E.B. 50846
Ansmann, A. *see* Wandinger, U. 88766
Anson, M.J. *see* St. Ville, L.J. 97300
Ansorge, M. *see* Grisoni, L. 70253
Anspach, J.H., Cheesman, W.V. Corrosion inspection and model refinement for transmission tower uprating and maintenance. The ACES system 89328
Anspach, J.H., Wilson, S.E. A case study of an underground 138 kV transmission line design utilizing subsurface utility engineering 78113
Anspaugh, B. *see* Boswell, J. 100733
Anspoks, A. *see* Alekseev, V. 83200
Anstotz, F. *see* Turchetta, R. 88247
Anstotz, F. *see* Turchetta, R. 98692
Antakov, I.I., Moiseev, M.A., Sokolov, E.V., Zasypkin, E.V. Theoretical and experimental investigation of X-band two-cavity gyroklystron 62108
Antal, I. *see* Arato-Borsi, E. 97717
Antao Chen, Shaoqing Fan, Hongyu Ding, Cunkai Wu Extension of the velocity detection range of a tracking novelty filter that uses $LiNbO_3$ and strontium barium niobate 56506
Antar, Y.M.M. *see* Kishk, A.A. 83610
Antar, Y.M.M. *see* Loos, G.D. 95036
Antaya, T. *see* Srivastava, A.K. 53176
Antaya, T.A., Gammino, S. The superconducting electron cyclotron resonance 6.4 GHz high-B mode and frequency scaling in electron cyclotron resonance ion sources 53150
Antaya, T.A., Gammino, S. The superconducting electron cyclotron resonance 6.4 GHz high-B mode and frequency scaling in electron cyclotron resonance ion sources 67264
Antaya, T.A. *see* Harrison, K.A. 53177
Antebi, J., Zarghamee, M.S., Kan, F.W., Hartwell, H., Salah, J.E., Milner, S.M. A deformable subreflector for the Haystack radio telescope 66012
Antebi, J. *see* Ingalls, R.P. 58532
Antenucci, T.P. *see* Crouch, W.W. 78455
Anterrieu, E. *see* Lannes, A. 84930
Anthes, R.A. *see* Bevis, M. 73356
Anthony, P. *see* Cavalli-Sforza, M. 87772
Anthony, P. *see* Klein, S.R. 98488
Anthony, T.C., Naberhuis, S.L., Brug, J.A., Bhattacharyya, M.K., Tran, L.T., Hesterman, V.W., Lopatin, G.G. Dual stripe magnetoresistive heads for high density recording 72131
Anthouard, P. *see* Eyharts, Ph. 66799
Anthouard, Ph. *see* de Mascureau, J. 67025
Antic, D., Klaassens, J.B., Deleroi, W. A new power converter topology suitable for low stator frequency operation of an induction machine 54174
Antikain, P.A., Bylkin, B.K., Samarets, G.N. Prolonging the service life of equipment at nuclear power stations with VVER reactors 89462
Antilla, G.E., Alexopoulos, N.G. Scattering from complex three-dimensional geometries by a curvilinear hybrid finite-element-integral equation approach 51056
Antilogus, P., Aston, D., Bienz, T., Bird, F., Dasu, S., Dolinsky, S., Dunwoodie, W., Hallewell, G., Kawahara, H., Kwon, Y., Leith, D.W.G.S., Muller, G., Muller, D., Nagamine, T., Pavel, T.J., Ratcliff, B., Rensing, P., Schultz, D., Shapiro, S., Simopoulos, C., Solodov, E., Toge, N., Va'vra, J., Williams, S.H., Cavalli-Sforza, M., Coyle, P., Coyne, D., Liu, X., Williams, D.A., Coller, J., Shank, J.T., Wilson, R.J., Whitaker, J.S., Bean, A., Caldwell, D.O., Duboscq, J., Huber, J., Lu, A., Mathys, L., McHugh, S., Witherell, M., Yellin, S., Johnson, R.A., Martinez, J., Meadows, B., Nussbaum, M., d'Oliveira, A., Santha, A.K.S., Shoup, A., Sokoloff, M.D., Stockdale, I., Baird, K., Jacques, P., Kalelkar, M., Plano, R., Stamer, P., Word, G., Abe, K., Hasegawa, K., Suekane, F., Yuta, H. The fluid systems for the SLD Cerenkov Ring Imaging Detector 59064
Antilogus, P., Aston, D., Bienz, T., Bird, F., Dasu, S., Dolinsky, S., Dunwoodie, W., Hallewell, G., Kawahara, H., Kwon, Y., Leith, D.W.G.S., Muller, G., Muller, D., Nagamine, T., Pavel, T.J., Ratcliff, B., Rensing, P., Schultz, D., Shapiro, S., Simopoulos, C., Solodov, E., Toge, N., Va'vra, J., Williams, S.H., Coyle, P., Coyne, D., Liu, X., Williams, D.A., Coller, J., Shank, J.T., Wilson, R.J., Whitaker, J.S., Bean, A., Caldwell, D.O., Duboscq, J., Huber, J., Lu, A., Mathys, L., McHugh, S., Witherell, M., Yellin, S., Johnson, R.A., Martinez, J., Meadows, B., Nussbaum, M., d'Oliveira, A., Santha, A.K.S., Shoup, A., Sokoloff, M.D., Stockdale, I., Baird, K., Jacques, P., Kalelkar, M., Plano, R., Stamer, P., Word, G., Abe, K., Hasegawa, K., Suekane, F., Yuta, H. Performance of the SLD barrel CRID during the 1992 physics data run 59127
Antilogus, P. *see* Abe, K. 88115
Antimirov, M.Ya., Kolyshkin, A.A., Vaillancourt, R. Application of a perturbation method to the solution of eddy current testing problems 70190
Antipov, O.L., Kuzhelev, A.S., Turygin, V.V. Optimisation of phase-conjugating mirrors made of nematic liquid crystals in a two-pass laser amplifier 63912
Antipov, V.V., Zaionchkovskii, V.A., Kalandarishvili, A.G., Kuchukhidze, V.A., Sordiya, T.D., Shartava, Sh.Sh., Kirichenko, G.P., Naumov, A.P., Pashchin, A.I., Rybkin, B.I., Stepennov, B.S., Yukhnevich, A.V. A study of means for monitoring the tight sealing of liquid-metal circuits during the operation of atomic power stations 53863
Antipova, E.V. *see* Nikulin, A.D. 82326
Antoine, C. *see* Bonin, B. 67067
Antokhin, A.Yu., Kozlov, V.A. Diffusion noise of an electrokinetic transducer 52786
Anton, G. *see* Gabler, A.R. 67416
Anton, J.-L., Marchal, P., Burnod, Y. A neural network for perceptual grouping, based on architecture of the primary visual cortex, efficient for texture segregation in complex natural images 64751
Anton, M., Budy, B. The influence of rhodium on SnO_2-CO gas sensor 66546
Anton, R. *see* Marti, J. 97232
Antonakopoulos, T., Kanopoulos, N. Multiple boundary scan-paths for minimizing circuit-board test-application time 86990
Antonakopoulos, T. *see* Papadopoulos, C. 75062
Antonanzas-Barroso, N. *see* Javkin, H. 77078
Antonanzas-Barroso, N. *see* Javkin, H. 98989
Antoncik, E. Comment on "Time dependence of dopant diffusion in δ-doped Si films and properties of Si point defects" [Appl. Phys. Lett. 64, 312 (1994)] 81421
Antonelli, C. Increasing returns: Networks versus natural monopoly. The case of telecommunications 96295
Antonelli, G., Binasco, F., Danese, G., Dotti, D. Virtually zero cross-talk dual-frequency eddy current analyzer based on personal computer 66134
Antonelli, G., Leoncini, R. Creation and destruction of human resources in the process of economic growth: some thoughts on the Italian experience 69466
Antonenko, A.I. A generalized law of electromagnetic induction 83517
Antonenko, G.I., Savina, V.I. Scintillation beta spectrometer 59214
Antoniadis, D.A. *see* Fang, H. 63006
Antoniadis, D.A. *see* Faynot, O. 93478
Antoniadis, D.A. *see* Hang Hu 71821
Antoniadis, D.A. *see* Hang Hu 93388
Antoniadis, D.A. *see* Sherony, M.J. 93469
Antoniadis, D.A. *see* Su, L.T. 55993
Antoniadis, D.A. *see* Su, L.T. 62749
Antoniadis, D.A. *see* Su, L.T. 62815
Antoniadis, D.A. *see* Su, L.T. 62816
Antoniadis, D.A. *see* Su, L.T. 81910
Antoniadis, D.A. *see* Su, L.T. 81911
Antoniadis, D.A. *see* Su, L.T. 93376
Antoniadis, D.A. *see* Su, L.T. 93443
Antoniadis, D.A. *see* Su, L.T. 93466
Antoniadis, I., Kanarachos, A. Introduction of the digital signal processing methodology (DSPM) for time integration 95486
Antoniadis, N., Hero, A.O. Time-delay estimation for filtered Poisson processes using an EM-type algorithm 74197
Antonin Otahal *see* Janzura, M. 73569
Antonini, C.D. Application of an optimized LEB filter to INS/GPS test data 99095
Antonini, M., Barlaud, M., Rouge, B., Lambert-Nebout, C. Weighted optimum bit allocation for multiresolution satellite image coding 85154
Antonini, M. *see* Barlaud, M. 74327
Antonini, M. *see* Barlaud, M. 85058
Antonini, S. *see* Abrami, A. 98715
Antonio, J.C. *see* DeVilbiss, C.A. 67719
Antonio, J.K., Tsai, W.K., Huang, G.M. Time complexity of a path formulated optimal routing algorithm (second printing) 79686
Antoniol, G., Brugnara, F., Cettolo, M., Fiutem, R., Flor, R., Lazzari, G. Comparison of automatic speech recognition systems based on new high speed RISC workstations 73913
Antonioli, P. *see* Aglietta, M. 67318
Antoniou, A. *see* Abdel-Raheem, E. 61801
Antoniou, A. *see* Abdel-Raheem, E. 92392
Antoniou, A. *see* Bhattacharya, D. 96888
Antoniou, A. *see* de Campos, M.L.R. 84286
Antoniou, A. *see* Diniz, P.S.R. 92379
Antoniou, A. *see* Sunder, S. 80480
Antoniou, A. *see* Wong, H. 59584
Antoniou, A. *see* Wong, H. 99140
Antoniou, A. *see* Xu, H. 80497
Antoniou, A. *see* Xu, H. 84572
Antonopoulos, J. *see* Dimitriadis, C.A. 62145
Antonopoulos-Domis, M., Marseguerra, M., Mourtzanos, K., Tarantola, S. Neutron source localization within sealed tanks 89507
Antonov, A.N., Bliokh, Yu.P., Degtyar', Yu.A., Egorov, A.M., Kovpik, O.F., Kornilov, E.A., Lodygin, A.V., Lyubarskii, M.G., Mitin, L.A., Miroshnichenko, V.A., Onishchenko, I.N., Svichenskii, V.G., Sotnikov, G.V., Fainberg, Ya.B. Plasma-beam generator based on electron beam interaction with a plasma-waveguide structure inside an inductively-coupled cavity array 92465
Antonova, E.E., Silvester, P.P. Finite element analysis of resonance shift in piezoelectric crystals 71875
Antonsen, T.M., Jr. *see* Destler, W.W. 63895
Antonsen, T.M., Jr. *see* Levush, B. 50871
Antonsen, T.M., Jr. *see* Miller, S.M. 62116
Antonsson, E.K. *see* Hubbard, T.J. 62486
Antonucci, M., Tirozzi, B., Yarunin, N.D., Dotsenko, V.S. Numerical simulation of neural networks with translation and rotation invariant pattern recognition 70800
Antonucci, V. *see* Arico, A.S. 68939
Antonucci, V. *see* Arico, A.S. 68993
Antonuk, L.E., Boudry, J., Weidong Huang, Lam, K.L., Morton, E.J., Haken, R.K.T., Yorkston, J., Clinthorne, N.H. Thin-film, flat-panel, composite imagers for projection and tomographic imaging 88367
Antonuk, L.E., Huang, W., Lam, K.L., Morton, E.J., Haken, R.K.T., Yorkston, J., Clinthorne, N.H. Thin-film, flat-panel, composite detectors for projection and tomographic imaging 59363
Antonuk, L.E., Siewerdsen, J.H., Yorkston, J., Huang, W. Radiation response of amorphous silicon imaging arrays at diagnostic energies 88432
Antonuk, L.E., Siewerdsen, J.H., Yorkston, J., Huang, W. Radiation response of amorphous silicon imaging arrays at diagnostic energies 98846
Antonuk, L.E. *see* Boudry, J.M. 88097
Antonuk, L.E. *see* Boudry, J.M. 98633
Antonuk, L.E. *see* Boudry, J.N. 81862
Antonuk, L.E. *see* Morton, E.J. 88066
Antonuk, L.E. *see* Morton, E.J. 98676
Antonyuk, S.M. *see* Kuchinskii, K.A. 89834
Antos, A.J., Smith, D.K. Design and characterization of dispersion compensating fiber based on the LP_{01} mode 97340
Antreich, K.J. *see* Doll, K. 80273
Antreich, K.J. *see* Henftling, M. 91993
Antreich, K.J. *see* Schneider, P.H. 92017
Antropov, V. *see* Perelstein, E. 76542
Antschev, V.C. *see* Markov, Z.M. 54812
Antsiferov, V.V. Radiation pulsations in solid-state lasers 50763
Antsos, D., Crist, R., Sukamto, L. A novel Wilkinson power divider with predictable performance at K and Ka-band 80633
Antunes, C.F.L. *see* Pinto, J.A.D. 89926
Antweiler, C., Dorbecker, M. Perfect sequence excitation of the NLMS algorithm and its application to acoustic echo control 95461
Antweiler, M. Cross-correlation of p-ary GMW sequences 95119
Antweiler, M., Luke, H.D. Mismatched filtering for periodical binary arrays 57476
Antweiler, M. *see* Bomer, L. 51355
Anuar, Z. *see* Mohamed, M. 99933
Anunciada, A.V. *see* Simoes, A.S. 69200
Anupam, V., Bajaj, C.L. Collaborative multimedia scientific design in SHASTRA 65239
Anupindi, K., Skjellum, A., Coddington, P., Fox, G. Parallel differential-algebraic equation solvers for power system transient stability analysis 99588
Anuszczyk, J., Gmyrek, Z. Investigations of the power loss increase in the core of an induction motor energized from an inverter during regulation of rotational speed subject to wide range variations 100119
Anwand, D. *see* Strehmel, B. 79991

Anwar, A.F.M., Kuo-Wei-Liu Noise temperature modeling of AlGaAs/GaAs and AlGaAs/InGaAs/GaAs HEMTs 62866
Anwar, A.F.M. *see* Jahan, M.M. 62625
Anwar, A.F.M. *see* Kuo-Wei Liu 56008
Anwar, D., Sheble, G.B. Application of optimal power flow to interchange brokerage transactions 89147
Anwar, N. *see* Zhang, J. 91492
Anwar, T. *see* Chaplin, M. 97779
Anwar Chaudhri, M. *see* Allen, P.D. 99025
Anyanwu, C.D., Jalowiecki, I.P., Krikelis, A. Evaluating ASTRA on image processing applications 66156
Anzai, A., Kawaji, M., Takahashi, T. An automated on-chip direct wiring modification for high performance LSIs 50056
Anzai, A. *see* Tamba, N. 92241
Anzai, H. *see* Yamamoto, K. 59130
Anzai, H. *see* Yamamoto, K. 59131
Anzai, T. *see* Tokanai, F. 88064
Anzai, T. *see* Tokanai, F. 98602
Anzai, Y. *see* Imai, M. 95268
Anzai, Y. *see* Kawasugi, K. 65460
Anzaloni, A., De Sanctis, M., Avaltroni, F., Rulli, G., Proietti, L., Lombardi, G. Fiber channel (FCS)/ATM interworking: a design solution 96640
Anzhi He *see* Anju Yao 82940
Anzill, W. *see* Gungerich, V. 80715
Anzill, W. *see* Olbrich, G.R. 80845
Anzin, V.B. *see* Schonberger, R. 82796
Anzivino, G., Bai, J., Bencheikh, C., Contin, A., de Salvo, R., He, H., Liu, L., Lundin, M., Mondardini, M.R., Wang, K., Xia, X., Yang, C., Zhao, M. Radiation induced effects on lead and scintillating fiber calorimeters at the LHC 67353
Anzlovar, R., Sterle, L. Consider PLCs as platforms for burner management 78367
Ao, Z., Sidhu, T.S., Fleming, R.J. Stability investigation of a longitudinal power system and its stabilization by a coordinated application of power system stabilizers 89150
Ao Farliang, Luo Gang, Zan Deqen The transmission of facsimile file via radio channel using packet method 96576
Ao Sheng Rong, Zhong Liang Sun Phase shift and loss mechanism of optically excited E-plane electron-hole plasma 70907
Ao Sheng Rong, Zhong Liang Sun Packaging and metallisation effects of valley microstrip line with slit for use in very small multilayer MMICs 80863
Ao Xi-Ren *see* Xi-Ren Ao
Ao Zhigang Performance analysis and evaluation of ring networks with batch arrivals 74932
Ao Zhigang Performance analysis and evaluation of asymmetric multi-prioritized ring-shape networks 85307
Aoai, T., Yamanaka, T., Kokubo, T. Structural design of acid-decomposable dissolution inhibitors for a 3-components positive CA resist 81622
Aoai, T. *see* Honda, K. 81657
Aoi, H., Tomiyama, F., Shiroishi, Y., Yoshida, K., Sugita, Y. Effects of orientation on thin-film media, read/write characteristics 50301
Aoi, H. *see* Koyama, N. 72113
Aoi, H. *see* Matsuyama, H. 72099
Aoi, H. *see* Matsuyama, H. 76160
Aoi, N. *see* Takii, Y. 48658
Aoike, N. *see* Matsuo, H. 100927
Aoki, H., Nakajima, T., Kikuta, K., Hayashi, Y. Novel electrolysis-ionized-water cleaning technique for the chemical-mechanical polishing (CMP) process 71383
Aoki, H., Nakamori, M., Aoto, N., Ikawa, E. Ecologically-safe ionized water treatment for wafer processing 71375
Aoki, H., Nakamori, M., Aoto, N., Ikawa, E. Wafer treatment using electrolysis-ionized water 93176
Aoki, H. *see* Arakawa, F. 70667
Aoki, H. *see* Fukase, T. 62552
Aoki, H. *see* Shimomura, K. 81679
Aoki, H. *see* Takahashi, J. 61757
Aoki, I. *see* Mernyei, F. 80604
Aoki, I. *see* Mernyei, F. 92619
Aoki, I. *see* Mernyei, F. 92620
Aoki, J. *see* Tsukamoto, H. 61755
Aoki, K., Fukuda, Y., Numata, K., Nishimura, A. Dielectric properties of (111) and (100) lead-zirconate-titanate films prepared by sol-gel technique 93706
Aoki, K., Kamakura, T., Kumamoto, Y. A parametric loudspeaker—applied examples 86800
Aoki, K., Matsuura, A., Takahashi, Y. Period-doubling route to chaos and novel application principles in S-shaped NDR instabilities 62184
Aoki, K. *see* Akiyama, T. 97609
Aoki, K. *see* Badics, Z. 80003
Aoki, K. *see* Badics, Z. 80011
Aoki, K. *see* Fukuda, Y. 93715
Aoki, K. *see* Niki, S. 61269
Aoki, K. *see* Sakiyama, S. 79950
Aoki, K. *see* Sanada, K. 55192
Aoki, M., Itoh, K. Low-voltage and low-power ULSI circuit techniques 93633
Aoki, M., Kawarada, H. Electric properties of metal/diamond interfaces utilizing hydrogen-terminated surfaces of homoepitaxial diamonds 55656
Aoki, M., Suzuki, M., Sano, H., Sasaki, S., Kawano, T., Kodera, H. Monolithic integration of DFB lasers and electroabsorption modulators using in-plane quantum energy control of MQW structures 97282
Aoki, M., Suzuki, M., Sano, H., Taniwatari, T., Tsutsui, T., Kawano, T. Quantum energy control of multiple quantum well structures by selective area MOCVD and its application to photonic integrated devices 72424
Aoki, M., Tanaka, K., Nishiyama, K., Tokutome, H., Toba, M. Development of an image processing vehicle detector 98105
Aoki, M., Taniwatari, T., Suzuki, M., Tsutsui, T. Detuning adjustable multiwavelength MQW-DFB laser array grown by effective index/quantum energy control selective area MOVPE 72918
Aoki, M. *see* Aoki, S. 75440
Aoki, M. *see* Fujita, S. 50280
Aoki, M. *see* Hamamoto, T. 92209
Aoki, M. *see* Hara, A. 91409
Aoki, M. *see* Hashimoto, T. 71666
Aoki, M. *see* Kawahara, T. 61709
Aoki, M. *see* Kawahara, T. 71832
Aoki, M. *see* Kawahara, T. 80322
Aoki, M. *see* Kawarada, H. 81344
Aoki, M. *see* Kawarada, H. 81979
Aoki, M. *see* Misawa, S. 63433
Aoki, M. *see* Moss, D.J. 50583
Aoki, M. *see* Ohnishi, M. 93859
Aoki, M. *see* Ohnishi, M. 98165
Aoki, M. *see* Sakata, T. 70285
Aoki, M. *see* Sakata, T. 80316
Aoki, M. *see* Sekine, G. 75391
Aoki, M. *see* Takagi, N. 61644
Aoki, M. *see* Tanaka, H. 49424
Aoki, M. *see* Tanaka, H. 70557
Aoki, N. *see* Miyake, S. 68255
Aoki, N. *see* Takahata, K. 82416
Aoki, O. *see* Kobayashi, H. 83164
Aoki, S., Dupont, J., Dupraz, J., Fabre, J.-P., Flegel, W., Frekers, D., Friend, B., Gregoire, G., Gruwe, M., Heynitz, H., Hiller, K., Hopfner, K.H., Konun, J., Lemaitre, V., Lendermann, P., Drees, R.M., Michel, L., Mommaert, C., Nakamura, M., Nappey, P., Niwa, K., Panman, J., Pintus, R., Reynaud, S., Riccardi, F., Stefanini, G., Van Beek, G., Vilain, P., Wilquet, G., Winter, K., Wong, H.T. Scintillating fiber trackers with optoelectronic readout for the CHORUS neutrino experiment 53304
Aoki, S., Tanaka, T., Aoki, M. Electroabsorption modulator integrated distributed feedback laser for 2.4-Gbit/s 160-km transmission 75440
Aoki, S. *see* Fukue, I. 60105
Aoki, S. *see* Fukutomi, M. 91638
Aoki, S. *see* Hasegawa, M. 88338
Aoki, S. *see* Morimura, Y. 78865
Aoki, S. *see* Sangawa, U. 81731
Aoki, S. *see* Sasaki, H. 74387
Aoki, S. *see* Tsukamoto, K. 75853
Aoki, T., Higuchi, T. Impact of interconnection-free biomolecular computing 49728
Aoki, T., Miyamoto, T. FM R Series [personal computers] 92267
Aoki, T., Suzuki, T. Rotational properties of a motor with resonating crystalline quartz 93794
Aoki, T., Watanabe, Y., Higuchi, T., Kawahito, S., Tadokoro, Y. Multiwave computing circuits using integrated opto-electronic devices 94307
Aoki, T., Yokoi, K. Calibration method for offset open 97753
Aoki, T. *see* Miura, K. 50110
Aoki, T. *see* Ohtsubo, K. 86728
Aoki, T. *see* Watanabe, K. 94036
Aoki, T. *see* Watanabe, Y. 56595
Aoki, T. *see* Yonehara, H. 76341
Aoki, Y., Kobayashi, K., Kennan, W. Monolithic microwave ICs (MMICs) for telecommunication 80728
Aoki, Y., Taniguchi, T., Irikura, T. Numerical simulation on surface guidance of aircraft automated by airport light 99127
Aoki, Y. *see* Kawashima, T. 74605
Aoki, Y. *see* Mitsuhashi, R. 77633
Aoki, Y. *see* Momota, K. 62127
Aoki, Y. *see* Saito, T. 80786
Aoki, Y. *see* Sakamoto, Y. 64715
Aoki, Y. *see* Shimatani, N. 71299
Aoki, Y. *see* Takatsuka, Y. 89675
Aoki, Y. *see* Yamanaka, H. 55751
Aokura, I. *see* Nago, K. 72044
Aono, A. *see* Yabe, T. 70566
Aono, H. Development of GE90 engine with largest thrust 77193
Aono, H. *see* Akiyama, T. 97609
Aono, K. *see* Toyokura, M. 92281
Aono, M. *see* Grey, F. 61403
Aoshima, N. *see* Umemoto, T. 84498
Aoshima, N. *see* Umemoto, T. 84499
Aoshima, S., Itoh, H., Kuroyanagi, K., Takiguchi, Y., Ohbayashi, Y., Hirano, I., Tsuchiya, Y. Tunable picosecond all solid-state Cr:LiSAF laser 94419
Aoshima, S.-i. *see* Inoue, A. 70900
Aota, K. *see* Nishi, T. 85668
Aoto, N. *see* Aoki, H. 71375
Aoto, N. *see* Aoki, H. 93176
Aoto, T. *see* Ishibashi, K. 49420
Aoto, T. *see* Ishibashi, K. 70564
Aouda, E. *see* Shibukawa, K. 52060
Aoyagi, H. *see* Clendenin, J.E. 76743
Aoyagi, H. *see* Katsuragawa, H. 85949
Aoyagi, H. *see* Oyama, M. 68912
Aoyagi, H. *see* Tang, H. 71025
Aoyagi, H. *see* Yamanaka, H. 86010
Aoyagi, J., Kodaira, N. On the improvement of weather radar equation 77388
Aoyagi, M., Hamazaki, Y., Nakagawa, H., Kurosawa, I., Maezawa, M., Takada, S. Chip layout design of a Josephson LSI circuit for examining high-speed operability by using a standard cell automatic placement and routing technique 80281
Aoyagi, M., Satoh, A., Tomikawa, Y. High torque ultrasonic motor using longitudinal and torsional vibrations 54049
Aoyagi, M. *see* Chen, X. 71904
Aoyagi, M. *see* Kubo, T. 82360
Aoyagi, M. *see* Kusakabe, C. 100175
Aoyagi, M. *see* Ohnishi, H. 68221
Aoyagi, M. *see* Shimanuki, M. 71906
Aoyagi, M. *see* Takano, T. 99310
Aoyagi, M. *see* Takano, T. 100174
Aoyagi, M. *see* Tanahashi, S. 93956
Aoyagi, M. *see* Tomikawa, Y. 50163
Aoyagi, M. *see* Yabuki, A. 93768
Aoyagi, R., Tanaka, H. Equivalent circuit analysis of piezoelectric bending vibrators 71858
Aoyagi, S. *see* Takigawa, Y. 75081
Aoyagi, T., Shimizu, Y. A design of multi-layer wave-absorber for oblique incidence by point frequency matching method 83632
Aoyagi, T. *see* Hirano, R. 86361
Aoyagi, Y. *see* Bird, J.P. 55612
Aoyagi, Y. *see* Cui, J. 61296
Aoyagi, Y. *see* Ishibashi, K. 71187
Aoyagi, Y. *see* Ishii, M. 71329
Aoyagi, Y. *see* Iwai, S. 69965
Aoyagi, Y. *see* Nagano, M. 91475
Aoyagi, Y. *see* Ochiai, Y. 81325
Aoyagi, Y. *see* Ozasa, K. 61313
Aoyagi, Y. *see* Ozasa, K. 81523
Aoyagi, Y. *see* Schoenfeld, O. 92931
Aoyagi, Y. *see* Yong-Feng Lu 49899
Aoyagi, Y. *see* Yong-Feng Lu 55750
Aoyama, H. *see* Zhang, H.-C. 71062
Aoyama, K., Ishii, R. Image magnification by using spectrum extrapolation 95699
Aoyama, K. *see* Fukue, I. 60105
Aoyama, K. *see* Hagio, K. 97607
Aoyama, M. *see* Usujima, A. 81745
Aoyama, M. *see* Xiuying, G. 61264
Aoyama, M. *see* Xiuying Gong 56525
Aoyama, M. *see* Yamaguchi, T. 62232
Aoyama, R. *see* Kimura, Y. 81512
Aoyama, S. *see* Hirano, M. 55827
Aoyama, S. *see* Itsumi, M. 71335
Aoyama, T. *see* Hayama, H. 87393
Aoyama, T. *see* Kawachi, G. 55961
Aoyama, T. *see* Kawachi, G. 71632
Aoyama, T. *see* Noda, K. 71700
Aozasa, H. *see* Nishihara, T. 61692
Aozasa, H. *see* Nishihara, T. 61734
Aozasa, H. *see* Nishihara, T. 70513
Aozasa, M. *see* Kitamura, T. 63051
Apai, P. *see* Danailov, M.B. 72731
Apanasevich, P.A., Afanas'ev, A.A., Drits, V.V., Samson, B.A., Tolkacheva, E.G. Radiation transformation using stimulated resonant scattering of light with a small frequency shift 73009
Apanasovich, V.V., Prolisko, E.E. Rejection technique for detecting a stochastic pulse sequence by a system with dead time 74016
Apanovich, Y., Lyumkis, E., Polsky, B., Shur, A., Blakey, P. Steady-state and transient analysis of submicron devices using energy balance and simplified hydrodynamic models 55859
Aparicio, J.L. *see* Torroja, Y. 97777
Aparicio Acosta, F.M. An hybrid noise reduction method for state-space reconstruction 84227
Apel, J.R. An improved model of the ocean surface wave vector spectrum and its effects on radar backscatter 88801
Apel, M., Hanke, I., Schindler, R., Schroter, W. Aluminum gettering of cobalt in silicon 81415
Apel, P., Angert, N., Bruchle, W., Hermann, H., Kampschulte, U., Klein, P., Kravets, L.I., Oganessian, Yu.Ts., Remmert, G., Spohr, R., Steckenreiter, T., Trautmann, C., Vetter, J. Solvent induced track sensitization. Extraction of oligomers 53339
Apel, P.Yu., Didyk, A.Yu., Kravets, L.I., Kuznetsov, V.I., Fursov, B.I. Registration temperature effect in polypropylene detectors 88189
Apel, P.Yu., Kuznetsov, V.I., Luppov, V.G., Levkovich, A.V., Altynov, V.A., Orelovich, O.L. Effects of atomic hydrogen on polymeric track detectors 88190
Apel, T., Creviston, E., Ludvik, S., Quist, L., Tuch, B. A GaAs MMIC transceiver for 2.45 GHz wireless commercial products 86222
Apeldoorn, G.von *see* von Apeldoorn, G.

Apeldoorn, O., Schmidt, P. Single transistor three phase power conditioners with high power factor and isolated output 68822
Apelt, O., Busehar, A., Meyer, F. A simple inexpensive diagnostic equipment for detecting harmonics in low-voltage networks 99678
Apetz, R. *see* Watte, J. 81807
Apfelbeck, J., Georgokitsos, K., Turban, K.A., Weis, B.X. Mobility management in third generation mobile communication networks 65693
Apgar, G.W. *see* Blessinger, M.A. 58849
Aphonin, A.O. *see* Nazvanov, V.F. 72456
Aphonin, O.A. *see* Nazvanov, V.F. 94202
Apituley, A. *see* Sunesson, J.A. 99193
Apley, L.F. *see* Weeks, A.R. 64636
Apollinari, G. Scintillating strips+WLS fiber EM shower maximum detectors in the CDF Plug Upgrade 59082
Apollonov, V.V., Artemov, D.V., Derzhavin, S.I., Kislov, V.I., Mashkovskii, D.A., Prokhorov, A.M. Solid-state laser with semiconductor pumping of a disk active element and aspherical optics 72765
Apollonskii, S.M., Erofeenko, V.T. Generalisation of the Leontovich boundary-value conditions for nonstationary fields 94721
Apolonsky, A.A., Zabolotskii, A.A., Drachev, V.P., Zinin, E.I. Features and common character of active mode-locking in gas, solid-state and dye lasers 56831
Apostolakis, G. *see* Davoudian, K. 89446
Apostolakis, G. *see* Davoudian, K. 89447
Apostolakis, P.J., Middleton, J.R., Scherrer, D., Feng, M., Lepore, A.N. Noise performance of low power 0.25 micron gate ion implanted D-mode GaAs MESFET for wireless applications 70874
Apostolakis, P.J. *see* Scherrer, D. 86239
Apostolopoulos, J.G., Monta, P.A., Nicolas, J.J., Lim, J.S. Designing a video compression system for high definition television 75734
Apostolov, A.P., Bronfeld, J., Saylor, C.H.M., Snow, P.B. An artificial neural network approach to the detection of high impedance faults 68341
Apostolov, A.P., Bronfeld, J.D., Feltis, M.W. Intelligent reclosing for overdutied breakers 89162
Apostolov, A.P., Novosel, D., Hart, D.G. Intelligent protection and control during power system disturbance 89034
Apostolova, M. *see* Hitova, L. 91507
Apotovsky, B. *see* Butler, J.F. 59236
Apotovsky, B. *see* Butler, J.F. 98816
Apparao, R. *see* Varadan, V.V. 94796
Appel, R. *see* Dhawan, S.K. 98579
Appel-Hansen, J. *see* Volakis, J.L. 51066
Appell, G.F., Mero, T.N., Bethem, T.D., French, G.W. The development of a real-time port information system 59577
Appell, G.F., Williams, R.G. Laboratory and field measurements with a broad band ADCP 99271
Appelquist, G. *see* Alippi, C. 53346
Appelquist, G. *see* Alippi, C. 67381
Appelquist, G. *see* Bohm, C. 98679
Appelquist, G. *see* Borer, K. 76790
Appelquist, G. *see* Dell'Acqua, A. 87955
Appelquist, G. *see* Dell'Acqua, A. 98680
Appelquist, P. HD-DIVINE: a Scandinavian digital television system 86738
Appenzeller, J., Schapers, T., Hardtdegen, H., Lengeler, B., Luth, H. Quantum transport in quasi one-dimensional $In_{0.77}Ga_{0.23}As/InP$ rings 55640
Applebaum, T.H. *see* Hanson, B.A. 73850
Appleby, A.J. Fuel cell electrolytes: evolution, properties and future prospects 60443
Appleby, S. Fractal telecommunications networks 51870
Appleby, S., Steward, S. Mobile software agents for control in telecommunications networks 51960
Appleton, A.D. Near term engineering applications of high T_c superconductors 93922
Appleton, C.J. *see* O'Reilly, J.J. 82572
Appleton, C.J. *see* Zhang, S.L. 58442
Appleton, M.S. *see* Albery, W.J. 76247
Appourchaux, T. Effect of space radiations on optical filters 63537
Appourchaux, T., Gourmelon, G., Johlander, B. Effect of gamma-ray irradiations on optical filter glass 56287
Appuhn, R.D., Brasse, F., Deckers, T., Kolanoski, H., Korbel, V., Lindner, A., Meier, K., Spielmann, S., Valkar, S., Walther, A., Wegener, D. Electromagnetic calorimetry with lead fluoride crystals 98542
Appuhn, R.D. *see* Janoth, J. 92905
Apresyan, L.A. Propagation of radiation in a fluctuating medium with discrete inclusions 64129
April, G.-E. *see* El Kahel, M. 90141
April, G.-E. *see* Guimaraes, C. 90140
April, G.-E. *see* Olivier, G. 68762
Aprile, E., Bolotnikov, A., Chen, D., Mukherjee, R. A Monte Carlo analysis of the liquid xenon TPC as a gamma-ray telescope 67331
Aprile, E., Boltonikov, A., Chen, D., Mukherjee, R. The liquid xenon ionization TPC: the promise and the problems 67342
Aprile, E. *see* Ishida, N. 67339
Aprile, R. Comparison of 'state of the art' lithography tools 62556
Apte, M.G. *see* Smith, K.R. 68362
Apte, N. *see* Iyengar, S. 74996
Apte, P.P., Saraswat, K.C. Modeling ultrathin dielectric breakdown on correlation of charge trap-generation to charge-to-breakdown 63052
Apte, P.P., Saraswat, K.C. Correlation of trap generation to charge-to-breakdown (Q_{bd}): a physical-damage model of dielectric breakdown 82118
Apte, P.P. *see* Saraswat, K.C. 62352
Aquilini, E. *see* De Bernardis, P. 66010
Aquino, B.G. *see* Amistoso, A.E. 53862
Ara, K., Itaki, Y., Tagishi, K. Automatic convergence alignment system for multisync PJ 58912
Ara, K. *see* Kaneko, K. 58911
Ara, K. *see* Sakasai, K. 58739
Arabi, K., Kaminska, B., Rzeszut, J. A new built-in self-test approach for digital-to-analog and analog-to-digital converters 92332
Arabnia, H.R. A scanline algorithm targeted at SIMD machine architectures 74515
Arachtingi, J. *see* Wang, W.W. 56324
Arad, N., Dyn, N., Reisfeld, D., Yeshurun, Y. Image warping by radial basis functions: application to facial expressions 51668
Aradhya, R.S.Shivakumara *see* Shivakumara Aradhya, R.S.
Arafa, A.A. *see* Mufti, A.H. 63067
Arafa, S. *see* El-Bakry, M. 90537
Arafa, S. *see* Shehata, S.A. 80098
Aragane, J., Urushibata, H., Murahashi, T. Evaluation of an effective platinum metal surface area in a phosphoric acid fuel cell 78801
Aragao, M.Poggi de *see* Poggi de Aragao, M.
Aragon, B. *see* Cambus, J.P. 87003
Aragoneses, P. *see* Gonzalez, J. 71954
Arahira, S., Oshiba, S., Matsui, Y., Kunii, T., Ogawa, Y. Terahertz-rate optical pulse generation from a passively mode-locked semiconductor laser diode 63824
Arai, A., Kobayashi, O., Takagi, F., Akioka, K., Shimoda, T. Mechanical properties of hot-rolled Pr-Fe-B-Cu magnets 72173
Arai, E., Zounek, A., Sekino, N., Saito, K. Analysis of boron-doped amorphous silicon by means of a heavy-ion time-of-flight ERD spectrometer 55700
Arai, E. *see* Horiguchi, S. 50107
Arai, E. *see* Machida, K. 55983
Arai, F. *see* Fukuda, T. 66502
Arai, H., Fukuzawa, Y., Kadokura, T., Hasegawa, T. A design model integration mechanism in the design environment DATE 61461
Arai, H. *see* Hosono, S. 65660
Arai, H. *see* Kuriki, M. 85962
Arai, H. *see* Murase, M. 75329
Arai, H. *see* Nakayama, T. 55257
Arai, I., Suzuki, T., Ohhashi, T. High speed processing method to improve the resolution for subsurface radar 67900
Arai, I. *see* Washizu, M. 64074
Arai, J., Kitajima, H., Hatta, E., Ishii, T., Mukasa, K. Calibration of the quartz crystal microbalance for LB films measurement 66695
Arai, K., Etoh, H., Sobue, S. Browsing system for ADEOS/AVNIR and OCTS data 77288
Arai, K., Kazumori, M., Ichikawa, T., Nakabayashi, Y., Ohshima, S., Matsunobu, Y., Sawazaki, H., Yagi, Y., Ueda, A., Kitajima, T. Development of 70 MW class superconducting generators 82513
Arai, K., Ono, A., Yamaguchi, Y. An accuracy assessment of the interactive calibration of ASTER/TIR with MODIS 77253
Arai, K., Tateishi, H., Umeda, M., Agatsuma, K., Takizawa, S. Fiber-reinforced-superconductors with high-elastic modulus and low thermal prestrain on Nb_3Sn layers for high-field pulsed magnet 82443
Arai, K., Terayama, Y., Nakamura, K. A comparative study on interpolation methods for digital elevation model 77263
Arai, K., Ueda, Y., Terayama, Y., Matsumoto, M. Spatial resolution enhancement with constraint least square method 67766
Arai, K. *see* Kawakita, Y. 89082
Arai, K. *see* Morimoto, M. 97662
Arai, K. *see* Mutoh, N. 98090
Arai, K. *see* Ohsawa, Y. 53666
Arai, K. *see* Takahashi, R. 49997
Arai, K. *see* Tanimoto, M. 70935
Arai, K. *see* Teramoto, K. 67771
Arai, K.I., Kim, Y.H., Yamaguchi, M., Ishiyama, K. Eddy current losses and number of domain walls with respect to total number of layers for very thin 3% Si-Fe strip-wound cores 63245
Arai, K.I., Muranaka, C.S., Yamaguchi, M. A new hybrid device using magnetostrictive amorphous films and piezoelectric substrates 72198
Arai, K.I. *see* Kim, Y.H. 71988
Arai, K.I. *see* Kim, Y.H. 72168
Arai, K.I. *see* Ohkawa, M. 72042
Arai, K.I. *see* Yamaguchi, K. 49690
Arai, K.I. *see* Yamaguchi, M. 49521
Arai, K.I. *see* Yamaguchi, M. 53022
Arai, M. *see* Murata, S. 86810
Arai, M. *see* Tomita, N. 82402
Arai, N. *see* Mori, S. 70518
Arai, N. *see* Sakagami, E. 61697
Arai, N. *see* Yamaguchi, Y. 70498
Arai, S. Engineers advance from small to large in TFT LCD development 98196
Arai, S., Doi, M., Hashimoto, Y., Hattori, T., Imanishi, A., Katayama, T., Masuda, H., Niki, K., Takeda, Y., Tokuda, N., Tomizawa, M., Tojyo, E., Yoshida, K., Yoshizawa, M. A heavy ion linac complex for unstable nuclei 76316
Arai, S., Nakano, H., Nabae, A. Novel rectifier with sinusoidal input current 78716
Arai, S. *see* El Yumin, S. 56402
Arai, S. *see* El Yumin, S. 63801
Arai, S. *see* Huang, Y. 83116
Arai, S. *see* Ikegami, N. 61564
Arai, S. *see* Kudo, K. 50859
Arai, S. *see* Kudo, K. 91479
Arai, S. *see* Niki, K. 76428
Arai, S. *see* Shimatani, N. 71299
Arai, S. *see* Takizawa, T. 55754
Arai, S. *see* Tomizawa, M. 76317
Arai, T. *see* Goto, M. 72472
Arai, T. *see* Hashimoto, N. 58250
Arai, T. *see* Ito, N. 67446
Arai, T. *see* Lee, J. 93135
Arai, T. *see* Sugaya, H. 50369
Arai, Y., Ikeno, M. A 64-ch Time Memory Cell module with a DSP and a VME interface 88251
Arai, Y., Ikeno, M. A 64 ch time memory cell module with a DSP and VME interface 98677
Arai, Y., Takahara, H., Koyabu, K., Fujita, S., Akahori, Y., Nishikido, J. Multigigabit multichannel optical interconnection modules for asynchronous transfer mode switching systems 96945
Arai, Y. *see* Fujita, S. 75485
Arai, Y. *see* Maruta, A. 73300
Arai, Y. *see* Muto, N. 61436
Arai, Y. *see* Nishikido, J. 50713
Arai, Y. *see* Osawa, M. 80201
Arakaki, T., Kenmoku, E., Ishida, T., Sawai, M. Development of multipoint teleconference system using multipoint control unit (MCU) 85929
Arakaki, Y., Takahashi, T., Yoshimura, N., Taira, S. Ka-band receiving system for feeder-link earth station 86266
Arakaki, Y. *see* Ikegami, T. 52444
Arakaki, Y. *see* Takahashi, T. 86265
Arakaki, Y. *see* Tomizawa, M. 66850
Arakawa, F., Uchiyama, K., Aoki, H., Narita, S., Matsui, S., Yamamoto, M., Kawasaki, I., Nakagawa, N., Kudoh, I., Hirose, K., Abe, H., Takagi, K., Hashimoto, K., Takakubo, K., Miyairi, Y., Kudoh, H., Furuyama, M., Hasegawa, K., Hamahara, M., Chen, K.C. A CMOS 50 MHz CISC superscalar microprocessor 70667
Arakawa, H. *see* Sakurai, N. 55145
Arakawa, K. *see* Shono, K. 54272
Arakawa, M. *see* Du-Yih Tsai 98853
Arakawa, M. *see* Minemura, T. 98849
Arakawa, S. *see* Yamaguchi, K. 49690
Arakawa, T., Nishioka, M., Nagamune, Y., Arakawa, Y. Fabrication of vertical-microcavity quantum wire lasers 50809
Arakawa, Y. *see* Arakawa, T. 50809
Arakawa, Y. *see* Oshinowo, J. 79818
Arakawa, Y. *see* Willatzen, M. 63790
Arakawauchi, N., Nishimura, H. Instant restarting system for high pressure sodium lamp 100923
Arakelyan, E.K. Specifics of the structure of automatic systems of complex diagnostics for power stations 99810
Arakelyan, E.K., Timoshenko, N.I., Tsanev, S.V., Klevtsov, A.V., Gorbachinskii, S.I. Parameters of a combined cycle power plant with a partly dependent arrangement 99958
Arakelyan, V.G. Analysis of the state of water in SF_6 electrical equipment 78527
Araki, H. *see* Futagami, S. 85743
Araki, H. *see* Inaba, H. 56213
Araki, H. *see* Kanie, H. 69993
Araki, H. *see* Tanahashi, T. 78916
Araki, J. *see* Ishizuka, M. 60608
Araki, K., Shikatani, M., Toyoda, M., Arimoto, Y., Aruga, T., Suzuki, Y. Development of laser communication equipment of the ETS-VI for basic experiments on optical intersatellite communications 86262
Araki, K. *see* Arimoto, Y. 88725
Araki, K. *see* Toyoda, M. 86269
Araki, M., Kashiwa, T., Tagashira, H. Analysis of dielectric optical waveguides using the nonorthogonal FD-TD method 94149
Araki, M. *see* Kishimoto, T. 67215
Araki, M. *see* Mukaihara, T. 94444
Araki, N., Komine, K., Hara, M., Ueno, H., Hohkawa, K. Surface acoustic wave multiple phase shift keying modulator-demodulator circuits 71902
Araki, N. *see* Komine, K. 93843
Araki, S., Nomura, H., Wakami, N. Segmentation of thermal images using the fuzzy C-means algorithm 51635
Araki, S. *see* Hanayama, E. 83834
Araki, S. *see* Noguchi, K. 71933
Araki, T. A compact, high-performance semiconductor acceleration sensor 100917

Araki, T., Yamamoto, M., Sesekura, T. Compact, highly functional semiconductor acceleration sensor for airbag systems 60588
Araki, T., Yokoyama, S., Suzuki, N. Simple optical distance meter using an intermode-beat modulation of a He-Ne laser and an electrical-heterodyne technique 66681
Araki, T. *see* Akiyama, T. 97609
Araki, T. *see* Fujiwara, S. 91416
Araki, T. *see* Toyokura, M. 92281
Araki, Y. *see* Akasaka, T. 48912
Arambepola, S.L. *see* Strange, A. 86248
Aramendi, E. *see* Ruiz, J. 78251
Aramoto, T. *see* Higuchi, H. 100494
Aramoto, T. *see* Nakayama, N. 93005
Aranchuk, V.M. Signal-to-noise ratio in a laser Doppler speckle interferometer with a reference beam 94699
Aranda, J., Leon, C., Frigola, M. A multitracking system for trajectory analysis of people in a restricted area 57773
Arandjelovic, D. *see* Krasnjuk, V. 97624
Aranguiz, I.F. *see* Nebdal, R. 92700
Arani, F., Honary, B. Trellis coding with non-binary convolutional codes 51338
Aranjo, F.M. *see* Okhotnikov, O.G. 82990
Arantes, D.S. *see* Pessoa, A.C.F. 95224
Araoka, O. *see* Haruyama, T. 94010
Arashiba, T. *see* Hotta, M. 82625
Arastu, A.H. *see* Safwat, H.H. 68388
Arata, J. *see* Tsuchiya, T. 97242
Arata, L. *see* Dhawan, A.P. 64804
Aratani, F. *see* Yuge, N. 91414
Aratani, K., French, P.J., Sarro, P.M., Poenar, D., Wolffenbuttel, I.F. Surface micromachined tuneable interferometer array 63531
Aratani, K., French, P.J., Sarro, P.M., Wolffenbuttel, R.F., Middelhoek, S. Process and design considerations for surface micromachined beams for a tuneable interferometer array in silicon 56413
Aratani, K. *see* Kaneko, M. 50336
Arato, P., Beres, I., Rucinski, A., Davis, R., Torbert, R. A high-level datapath synthesis method for pipelined structures 61617
Arato-Borsi, E., Antal, I. Noise level and sound insulation requirements for studios and sound control rooms 97717
Arau, J. *see* Canales, F. 100363
Araujo, A.deA. *see* Dias, A.F. 70199
Araujo, A.S. *see* Quintas, A.R. 100207
Araujo, C.A.Paz de *see* Paz de Araujo, C.A.
Araujo, C.B.De *see* De Araujo, C.B.
Araujo, C.Paz de *see* Paz de Araujo, C.
Araujo, D., Oelgart, G., Ganiere, J.-D., Reinhart, F.K. Comparison of the lateral carrier transport between a GaAs single quantum well and the AlGaAs barrier during cathodoluminescence excitation 71157
Araujo, D., Pacheco, F., Carlin, J.-F., Rudra, A., Molina, S.I., Garcia, R. Cathodoluminescence and transmission electron microscopy study of island formation on InAs/InP QW structures during growth interruptions 79869
Araujo, G.L., Marti, A. Absolute limiting efficiencies for photovoltaic energy conversion 78824
Araujo, G.L. *see* Marti, A. 100518
Araujo, H., Dias, J., Almeida, A.T. Parallel texture analysis using high-order statistics and neural networks 96096
Araujo, S.P.de *see* de Araujo, S.P.
Araujo Filho, M.S. *see* de Araujo, S.P. 80559
Araujo Filho, M.S. *see* Gomes Neto, A. 83781
Aravamuthan, S., Annamma, C.V., Pillai, N.R., Nair, M.J. Studies on the storage of electrochemically impregnated nickel/cadmium cells 68948
Arave, K. *see* Wiseman, D. 70339
Arave, L. *see* Wiseman, D. 70339
Araya, C.L. *see* Munoz, A.R. 100124
Arazi, B. Interleaving security and efficiency considerations in the design of inexpensive IC cards 80286
Arbab, A., Spetz, A., Lundstrom, I. Evaluation of gas mixtures with high-temperature gas sensors based on silicon carbide 66555
Arbab Tafti, H., Papa, F.F., Farokhrooz, F.N., Kamath, K.K., Vaya, P.R. Analysis of laser frequency chirp using circuit modelling of semiconductor laser 50836
Arbique, G., Calo, A., Cuevas, C., Datte, P., Evans, D., Hurd, J., Marsden, E., Saadatmand, K., Sage, J. The SSCL RFQ system integration 76524
Arbique, G. *see* Cutler, R.I. 67077
Arbique, G.M. *see* Hurd, J.W. 76440
Arbique, G.M. *see* Hurd, J.W. 76590
Arbique, G.M. *see* Saadatmand, K. 76386
Arbuzov, V., Belomestnykh, S., Bushuyev, A., Fomin, M., Gavrilov, N., Gorniker, E., Kondakov, A., Kuptsov, I., Kurkin, G., Petrov, V., Sedlyarov, I., Veshcherevich, V. RF system of the CW race-track microtron-recuperator for FELs 67173
Arbuzov, V.L., Vladimirov, A.B., Vykhodets, V.B., Davletshin, A.E., Plotnikov, S.A., Trakhtenberg, I.Sh., Rubshtein, A.P., Gorpinchenko, S.D., Kuzmina, E.V. Practical use of strength and anticorrosion properties of amorphous carbon thin films 70132
Arcaro, J. *see* Gibson, G. 68146
Arcasoy, C.C., Koc, B. Analytical solution for continuous-time Kalman tracking filters with colored measurement noise in frequency domain 95434
Arce, G.R. *see* Barner, K.E. 57544
Arce, G.R. *see* Heredia, E.A. 84514
Arce, G.R. *see* Kim, Y.-T. 84326
Arce, G.R. *see* Muller, M. 88405
Arce, G.R. *see* Yeong-Taeg Kim 84346
Arcelli, C. *see* Held, A. 64828
Archambault, J.-L. *see* Kringlebotn, J.T. 63709
Archambault, J.-L. *see* Xu, M.-G. 52891
Archambault, J.-L. *see* Xu, M.G. 66409
Archambault, J.L., Reekie, L., Russell, P.St.J. Excimer laser production of fibre Bragg gratings 63390
Archambault, J.L. *see* Brady, G.P. 52899
Archambault, J.L. *see* Brady, G.P. 87251
Archambault, J.L. *see* Pask, H.M. 56731
Archdale, G. A solid cathode lithium 3V primary cell for high discharge applications 60404
Archdeacon, J.P. ISDN compress video—the logical next step 85930
Archeluta, T. *see* Watt, R.G. 88339
Archer, T.M. *see* Yamaguchi, T. 62962
Archer, V.D. *see* Liu, T.M. 61659
Archer, V.D. *see* Sung, J.M. 71827
Archer, V.D. *see* Swartz, R.G. 75484
Archer, V.D., III *see* Liu, T.M. 82092
Archer, V.D., III *see* Ota, Y. 52561
Archibald, C., Petriu, E., Harb, A. Robot skills development using a laser range finder 76074
Archibald, J.B. New technology alternatives to the existing aircraft magnetic azimuth detector 59468
Archibald, J.B., Acharya, R. Simulation of a strapdown magnetic azimuth detector for wing tip mounted applications 59469
Archie, C.N. Skew quadrupole effects in the IBM compact synchrotron 66983
Archie, C.N. *see* Silverman, J.P. 87631
Archontov, L.B. *see* Shkitin, V.A. 50587
Archuletta, F.L. *see* Eichinger, W.E. 77343
Archuletta, S.F. *see* Sturrock, J.C. 76825
Arcidiacono, V. *see* Brasca, C. 100100
Arcioni, P., Bressan, M., Broggi, F., Conciauro, G., Pierini, P. The groove guide: a non-conventional interaction structure for microwave FEL experiments 63888
Arcioni, P., Bressan, M., Conciauro, G., Perregrini, L. A fast algorithm for the wideband analysis of 3-D waveguide junctions 49630
Arcioni, P., Bressan, M., Perregrini, L. A new 3-D electromagnetic solver for the design of arbitrarily shaped accelerating cavities 67059
Arcioni, P. *see* Acerbi, E. 63871
Arcot, P.K. *see* Damrongkulkamjorn, P. 88986
Arcy Hart, D. *see* Bourne, O.L. 81493
Ard, C.K. *see* Neugebauer, G.T. 91418
Ardakani, H.K. Electrical and optical properties of in situ "hydrogen-reduced" titanium dioxide thin films deposited by pulsed excimer laser ablation 71128
Ardalan, J. *see* Rahali, F. 82059
Ardalan, J. *see* Rahali, F. 87161
Ardanuy, P.E. *see* Hobish, M.K. 99166
Ardema, M.D., Bowles, J.V., Whittaker, T. Optimal trajectories for hypersonic launch vehicles 99120
Arden, D.A.G. *see* McMillan, J.C. 67964
Arden, G.B., Hogg, C.R., Holder, G.E. Gold foil electrodes: a two-center study of electrode reliability 98898
Arden, W. *see* Leslie, T. 62608
Ardes, M. *see* Niedernostheide, F.-J. 49954
Ardis, L.T. *see* Twigg, M.E. 93144
Ardis, M.A. Lessons from using Basic LOTOS 58264
Ardito, M. Evolution towards new enhanced quality television systems 58573
Ardito, M. Studies of the influence of display size and picture brightness on the preferred viewing distance for HDTV programs 86737
Ardron, K.H., Cooper, S. The MACE computer code for thermal-hydraulic modelling of gas cooled reactors 89548
Arduini, G., Martin, R.L., Rossi, S., Silari, M. Vacuum and magnetic field constraints in a H^-/light ion synchrotron 76285
Arecchi, F.T. *see* Meucci, R. 56608
Arecchi, T.F. *see* Perrone, A.L. 57581
Aref, M.A. *see* Elleithy, K.M. 95630
Aref, M.R., Asghari, H. The use of line spectral pair frequencies in speaker recognition 73909
Aref, M.R., Nayebi, M.M. New results in the detection of Gaussian signals in Gaussian noise 51510
Aref, M.R. *see* Asghari, H. 51412
Aref, M.R. *see* Hendessi, F. 73614
Aref, M.R. *see* Nayebi, M.M. 51514
Arefeen, M.S., Ehsani, M., Lipo, T.A. An analysis of the accuracy of indirect shaft sensor for synchronous reluctance motor 60200
Arefeen, M.S., Ehsani, M., Lipo, T.A. Indirect startup rotor position sensor for synchronous reluctance motor 69070
Arefeen, M.S., Ehsani, M., Lipo, T.A. An analysis of the accuracy of indirect shaft sensor for synchronous reluctance motor 89897
Arefiev, A., Bencze, G., Bizzeti, A., Choumilov, E., Civinini, C., D'Alessandro, R., Dalla Santa, F., Della Negra, M., Ferrando, A., Fouz, M.C., Herve, A., Iglesias, A., Kolotaev, Yu., Malinin, A., Martinez-Laso, L., Meschini, M., Peach, D., Pojidaev, V., Radermacher, E., Rozjkov, A., Seez, C., Szoncso, F., Wrochna, G., Wulz, C.-E. Parallel plate chambers: a fast detector for ionizing particles 88007
Arefiev, A. *see* Akimov, V. 53300
Aregba, D., Gay, J., Maze-Merceur, G. Modeling multiport using a three-dimensional coupled analytical/finite element method application to microwave characterization of material 58960
Areitio Bertolin, A. *see* Areitio Bertolin, J. 58076
Areitio Bertolin, J., Areitro Bertolin, G., Areitio Bertolin, A. Advanced tools for the analysis of computer networks 58076
Areitro Bertolin, G. *see* Areitio Bertolin, J. 58076
Arellano, A. CAD tools answer advanced test needs 80986
Arellano, J., Ramirez, E., Galicia, Y. CONDE: a diagnostic expert system for the condensate system of the Laguna Verde nuclear power plant 68383
Arena, V., Boca, G., Cambiaghi, M., Gianini, G., Introzzi, G., Liguori, G., Ratti, S., Riccardi, C., Torre, P., Viola, L., Vitulo, P. A possible use for RPCs at SDC 53299
Arena, V., Lanza, A., Liguori, G., Torre, P., Vitulo, P., Ambrosio, M., Barbarino, G.C., Lauro, A., Agnetta, G., Catalano, O. A new 63 MHz RPC parallel readout system 98656
Arenas, A., Victoria, L., Abellan, J., Ibanez, J.A. A computerized scale selector for a conductimeter and potentiostat 52759
Arendt, M. *see* Bhat, M. 49885
Arenkov, P.J. *see* Starodub, N.F. 59264
Arenkov, P.Y. *see* Starodub, N.F. 98128
Arens, E. *see* Fountain, M. 100951
Arent, D.J., Alonso, R., Horner, G., Bode, M., Olson, J.M., Yin, X., DeLong, M.C., SpringThorpe, A.J., Majeed, A. Ordered and randomly disordered AlAs/GaAs short-period superlattices 56524
Arent, D.J., Bode, M., Ahrenkiel, P., Ahrenkiel, R., Bertness, K.A., Kurtz, S.R., Kramer, C., Olson, J.M. Growth and characterization of spontaneously ordered AlInAs and GaInAs on InP 91512
Arent, D.J. *see* Kurtz, S.R. 61273
Arenton, M. *see* Carrigan, R.A., Jr. 59039
Ares, E.Garcia *see* Garcia Ares, E.
Ares, L. *see* Horrillo, M.C. 66523
Ares, R., Trudeau, Y.B., Brebner, J.L., Kajrys, G.E., Jouanne, M. Determination by Raman scattering of the in depth damage profile in high energy ion implantation 55717
Aresteanu, V.A. *see* Cave, J.R. 82434
Arestova, E.L. *see* Aver'yanov, S.G. 83342
Areti, H. *see* Andresen, J. 88067
Aretz, K. Data transmission at more than 1 GBd over optical waveguide: reality in the Fibre Channel Standard 96601
Arezzo, F., Zacchetti, N., Zhu, W. X-ray photoelectron spectroscopy study of substrate surface pretreatments for diamond nucleation 62452
Arfin, B. *see* Begum, S.R. 62100
Argade, P.V., Aymeloglu, S., Berenbaum, A.D., dePaolis, M.V., Jr., Franzo, R.T., Freeman, R.D., Inglis, D.A., Komoriya, G., Lee, H., Little, T.R., MacDonald, G.A., McLellan, H.R., Morgan, E.C., Pham, H.Q., Ronkin, G.D., Scavuzzo, R.J., Woch, T.J. Hobbit: a high-performance, low-power microprocessor 70586
Argaut, P., Luton, M.H., Joulie, R., Parraud, R. Non-ceramic terminations for extra-high voltage polymeric cables 99707
Argenti, F., Cappellini, V., Sciorpes, A., Venetsanopoulos, A.N. Linear phase IIR QMF banks based on complex allpass sections for image compression 57783
Argiriou, A. *see* Santamouris, M. 69032
Argiropoulos, K.M. *see* Agoris, D.P. 53738
Argo, P.E. Reliability calculations and above-the-MUF propagation 73343
Argo, P.E. *see* Mickelson, R.L. 85209
Argo, P.E. *see* Roussel-Dupre, R. 86257
Argollo, D.F.M. *see* Maciel, C.V.B. 80611
Argoud, G. *see* Palleau, J. 81107
Argyle, B.E., Schafer, R., Trouilloud, P.L., Re, M.E., Praino, A.P., Takayama, S., Dingley, D. Improving ferrite MIG head read-back distortions caused by domain walls and granularity 72118
Argyle, B.E. *see* Schafer, R. 50260
Argyros, I.K. A convergence theorem for Newton-like methods under generalized Chen-Yamamoto-type assumptions 54791
Argyros, I.K., Dong Chen The midpoint method in Banach spaces and the Ptak error estimates 54792
Argyros, I.K., Dong Chen, Qingshan Qian The Jarratt method in Banach space setting 69855
Arhan, J.-M. *see* Gangi, A. 76925
Arhipova, L.N. *see* Iveshevskii, S.N. 50563
Ari, S. *see* Tanaka, H. 80632
Arianer, J. *see* Essabaa, S. 53284
Arias, A. *see* Osborn, R. 78133
Arias, A.G. *see* Moreira, C.G. 77027

Arias, C.A. The detection of open soldered joints in surface mounted devices 55478
Arias, J. *see* Balasubramanian, S. 96946
Arias, J.M., Pasko, J.G., Zandian, M., Bajaj, J., Kozlowski, L.J., DeWames, R.E., Tennant, W.E. MBE HgCdTe flexible growth technology for the manufacturing of infrared photovoltaic detectors 91529
Arias, J.M., Pasko, J.G., Zandian, M., Kozlowski, L.J., DeWames, R.E. Molecular beam epitaxy HgCdTe infrared photovoltaic detectors 58753
Arias, J.M. *see* Le, H.Q. 83039
Arias, M.A. *see* Falcao, D.M. 77847
Ariaudo, M. *see* Reineix, A. 73078
Arico, A.S., Antonucci, V., Giordano, N., Shukla, A.K., Ravikumar, M.K., Roy, A., Barman, S.R., Sarma, D.D. Methanol oxidation on carbon-supported platinum-tin electrodes in sulfuric acid 68993
Arico, A.S., Shukla, A.K., Antonucci, V., Giordano, N. Digital simulation of galvanostatic current-potential data for gas-diffusion electrodes and estimation of electrode-kinetic parameters 68939
Aridgides, A. *see* Fernandez, M. 97463
Aridgides, A. *see* Morgan, D.R. 73382
Arie, A., Bortz, M.L., Fejer, M.M., Byer, R.L. Frequency stabilization and high resolution spectroscopy using frequency-doubled Nd:YAG lasers 50785
Arif, M. *see* Das, K.K. 82596
Ariga, Y. *see* Kitamura, A. 99988
Arigapudi, S. *see* Doherty, J.F. 75917
Arigoni, A.O., Rossi, A. Fuzzy structured concepts and typicality of their instances 48793
Arii, K. *see* Uto, S. 58946
Arikan, E. An upper bound on the zero-error list-coding capacity 95115
Arikan, O. Regularized inversion of a two-dimensional integral equation with applications in borehole induction measurements 77210
Arikan, O., Enis Cetin, A., Erzin, E. Adaptive filtering for non-Gaussian stable processes 95574
Arikara, M. *see* Swan, D.H. 68982
Ariki, T., Shikama, S., Suzuki, S., Otsuka, Y., Maki, T., Kobayashi, T. Efficient field effect in heavily doped thin-film diamond metal-insulator-semiconductor diode employing $BaTiO_3$ insulator film 71220
Ariki, T. *see* Kobayashi, T. 81429
Arima, H. *see* Shimizu, M. 93665
Arima, H. *see* Wakuta, Y. 53270
Arima, I. *see* Kumazawa, T. 59946
Arima, Y. *see* Kondo, Y. 92452
Arimitsu, C. *see* Shirasaki, S. 58082
Arimitsu, K. *see* Tanaka, M. 73293
Arimondo, E. *see* Cerboneschi, E. 94522
Arimondo, E. *see* De Tomasi, F. 94471
Arimoto, A., Kakizaki, S., Senda, K., Nishimura, T., Saitoh, S. Variable spot-size waveguide for laser printing 64044
Arimoto, H. Erbium-doped fiber amplifiers use in optical fiber communications 50755
Arimoto, H., Kashima, Y., Saitoh, Y. 1.48 μm high power LDs 56738
Arimoto, K. *see* Asakura, M. 70560
Arimoto, K. *see* Asakura, M. 92222
Arimoto, K. *see* Asakura, M. 92235
Arimoto, K. *see* Ohno, Y. 70487
Arimoto, K. *see* Ooishi, T. 49422
Arimoto, K. *see* Ooishi, T. 70554
Arimoto, K. *see* Suma, K. 92238
Arimoto, K. *see* Tsukude, M. 70534
Arimoto, S., Morikawa, H., Deguchi, M., Kawama, Y., Matsuno, Y., Ishihara, T., Kumabe, H., Murotani, T. High-efficient operation of large-area (100 cm^2) thin film polycrystalline silicon solar cell based on SOI structure 100576
Arimoto, S. *see* Morikawa, H. 60468
Arimoto, S. *see* Shima, A. 72907
Arimoto, Y., Araki, K. Overview of the ground facility for ETS-VI laser communications experiment 88725
Arimoto, Y. *see* Araki, K. 86262
Arimoto, Y. *see* Goto, K. 49923
Arimoto, Y. *see* Sugimoto, F. 71401
Arinaga, M. *see* Ieiri, T. 76484
Arinaga, M. *see* Ogata, A. 87880
Arinushkin, V.N., Berman, L.S., Geifman, E.M., Konyukhov, A.V., Lomasov, V.N., Mnatsakanov, T.T., Remenyuk, A.D. Parameters of power silicon diodes bombarded by low-energy electrons 49958
Arioka, S. *see* Hamada, H. 93367
Ariponnammal, S., Natarajan, S. Transport phenomena of $SmSe_{1-x}As_x$ 71134
Aris Ouksel, M. *see* Scheuermann, P. 95715
Arisawa, J. *see* Ikezoe, J. 67481
Arisawa, T. *see* Cai, D. 64764
Arishima, K. *see* Yokoyama, K. 72560
Aristizabal, M., Cortez, S. Transmission line restoration techniques in Colombia, South America 78112
Aristov, A.V. Static stability of a double-feed machines under periodic motion conditions 89826
Arita, E. *see* Nakayama, H. 86725
Arita, H. *see* Wookhyun Kim 84927
Arita, K., Fujii, E., Shimada, Y., Uemoto, Y., Azuma, M., Hayashi, S., Nasu, T., Inoue, A., Matsuda, A., Nagano, Y., Katsu, S., Otsuki, T., Kano, G., McMillan, L.D., Paz de Araujo, C.A. Application of ferroelectric thin films to Si devices 50138
Arita, K., Fujii, E., Shimada, Y., Uemoto, Y., Nasu, T., Inoue, A., Matsuda, A., Otsuki, T., Suzuoka, N. Si LSI process technology for integrating ferroelectric capacitors 93659
Arita, K. *see* Ishii, H. 75087
Arita, T. *see* Higuchi, H. 100494
Arita, T. *see* Nakayama, N. 93005
Arita, Y. *see* Awaya, N. 71428
Arita, Y. *see* Kato, S. 93204
Arita, Y. *see* Saito, K. 70135
Aritome, S., Shirota, R., Sakui, G., Masuoka, A.F. Data retention characteristics of flash memory cells after write and erase cycling 92204
Aritome, S. *see* Endoh, T. 61727
Aritome, S. *see* Watanabe, H. 70515
Aritomi, M. *see* Chiang, J.H. 99903
Arivuoli, D. *see* Gopalakrishnan, R. 48895
Ariyaeeinia, A.M. Analysis of 3D TV systems 52684
Ariyavisitakul, S. Signal and interference statistics of a CDMA system with feedback power control. II 51794
Ariyavisitakul, S. Autonomous SIR-based power control for a TDMA radio system 75254
Ariyavisitakul, S., Li Fung Chang Performance of unequalized frequency-hopped TDMA with convolutional coding on dispersive fading channels 75260
Ariyavisitakul, S., Li Fung Chang Performance of unequalized frequency-hopped TDMA on dispersive fading channels 86179
Ariyawansa, K.A. On Davidon's collinear scaling algorithms for optimization 61118
Ariyoshi, T. *see* Kuwahara, K. 58119
Arizaga, R., Rabal, H., Trivi, M. Simultaneous multiple-viewpoint processing in digital speckle pattern interferometry 73136
Arizaga, R. *see* Rabal, H. 73135
Arizmendi, L. *see* Muller, R. 83363
Arizpe, A. *see* Pham, D. 92287
Ariztizabal, F., Bosman, M., Cavalli-Sforza, M., Efthymiopoulos, I., Padilla, C., Teubert, F., Arsenescu, R., Blag, C., Boldea, V., Dita, S., Ajaltouni, Z., Badaud, F., Bouhemaid, N., Brette, P., Brossard, M., Chadelas, R., Chevaleyre, J.-C., Crouau, M., Daudon, F., Dugne, J.-J., Michel, B., Montarou, G., Muanza, G.S., Pallin, D., Poirot, S., Says, L.-P., Vazeille, F., Gildemeister, O., Henriques, A., Ivarsson, J., Nessi, M., Poggioli, L., Sonderegger, P., Amorim, A., Ferreira, P., Gomes, A., Maio, A., Peralta, L., David, M., Kostrikov, M., Kulagin, M., Lapin, V., Protopopov, Y., Solodkov, A., Zaitsev, A., Leitner, R., Suk, M., Tas, P., Caloba, L., Gaspar, M., Marroquin, F., Pereira, A., Seixas, J.M., Thome, Z., Hakopian, H. Construction and performance of an iron-scintillator hadron calorimeter with longitudinal tile configuration 98518
Arjanov, E.V., Danilina, O.V., Konyaev, V.P., Logginov, A.S., Shveikin, V.I., Vinogradov, I.I. InGaAs strained-layer single-quantum-well lasers spontaneous emission spectra and their features 94459
Arjavalingam, G. *see* Deutsch, A. 92657
Arjavalingam, G. *see* Gitin, M.M. 51226
Arkadan, A.A., Chen, Y. Artificial neural network for the inverse electromagnetic problem of system identification 83528
Arkadan, A.A., Kielgas, B.W. Switched reluctance motor drive systems dynamic performance prediction and experimental verification 60513
Arkadan, A.A., Kielgas, B.W. Switched reluctance motor drive systems dynamic performance prediction under internal and external fault conditions 60514
Arkadan, A.A., Kielgas, B.W. The coupled problem in switched reluctance motor drive systems during fault conditions 90481
Arkadan, A.A. *see* Subramaniam, S. 83565
Arkadan, A.A. *see* Vyas, R. 78541
Arkad'ev, B.A. *see* Levchenko, E.V. 53935
Arkad'ev, B.A. *see* Levchenko, E.V. 89624
Arkad'ev, B.A. *see* Levchenko, E.V. 99935
Arkam, C., Bouet, V., Gabrielli, C., Maurin, G., Perrot, H. Quartz crystal electrogravimetry with controlled hydrodynamics. Applications to the study of nickel electrodeposition 87566
Arkhipov, I.A. *see* Ismailov, M.M. 53081
Arkhipov, O. *see* Perelstein, E. 76542
Arkhipov, V.V. *see* Afanasiev, S.V. 52771
Arkhireev, V.O., Nesterova, Z.V., Aleksandrov, I.V. Possibility of data transmission in a fiber lightguide over a nonlinear channel 86344
Arkhireev, V.O. *see* Nesterova, Z.V. 83233
Arkuszewski, J. *see* Shi, M. 87665
Arkwright, J. Fast resonant nonlinear relaxation observed in Q-switched neodymium-doped twin-core fibre 72719
Arkwright, J., Wu, B., Skinner, I., Chu, P. Enhanced switching speeds observed at 980 nm in neodymium doped twin core fibre using stimulated down-pumping at 1060 nm 56910
Arlabosse, F., Porte, N., Mourlevat, J.L. SAP—Systeme d'aide au pilotage—piloting aid system 68382
Arling, R.W. *see* Tichenor, D.A. 81591
Arlt, H. Experience of damage in gas-insulated switchgear. II 68906
Arlt, H. Electrotechnical installations—risks and damage 90077
Arlt, S., Boettcher, R., Wisser, C., Scarbata, G. Layout synthesis in an analogue design assistance system 80518
Arm, C. *see* Perotto, J.-F. 80353
Arman, F., Hsu, A., Ming-Yee Chiu Image processing on compressed data for large video databases 58578
Arman, F. *see* Sabata, B. 74257
Armand, M. The history of polymer electrolytes 90345
Armand, N.A., Palatov, K.I. Problems in radio engineering and radiophysics (1984-1992) 86634
Armand, N.A., Yarmakhov, I.G. Diffraction of electromagnetic waves at dielectric and ideally conducting screens and slots 51070
Armand, S. *see* Giroult-Matlakowski, G. 91556
Armani, F. *see* Delacourt, D. 63980
Armas, B. *see* Aspar, B. 81287
Armbruster, H., Humer-Hager, T., Putz, K.J. Applications for ATM networks 85426
Armelles, G. *see* Melendez, J. 93040
Armendariz, M.G., Hietala, V.M., Myers, D.R. High speed optoelectronics 72557
Armendariz, M.G. *see* Hietala, V.M. 82727
Armengol, J. *see* Laguarta, F. 94697
Armenise, M.N., Passaro, V.M.N. Novel guided-wave electro-optic processor for synthetic aperture radar imaging 74252
Armenise, M.N., Passaro, V.M.N., Noviello, G. Lithium niobate guided-wave beam former for steering phased-array antennas 82693
Armiento, C. *see* Boudreau, R. 94542
Armigliato, A., Balboni, R., De Wolf, I., Frabboni, S., Janssens, K.G.F., Vanhellemont, J. Determination of lattice strain in local isolation structures by electron diffraction techniques and micro-Raman spectroscopy 81381
Armigliato, A. *see* Cavallini, A. 81199
Armistead, C.J. *see* Fells, J.A.J. 75400
Armistead, C.J. *see* Thrush, E.J. 54901
Armitage, A.D. *see* Hatfield, J.V. 59616
Armitage, A.D. *see* Hatfield, J.V. 88879
Armitage, A.D. *see* Scales, N.R. 80185
Armitage, A.F., McKeating, R., Smillie, A.M., Humphries, C.M., Atad, E. A neural network based optical wavefront sensor 87272
Armitage, J. *see* Salomon, M. 88108
Armitage, J. *see* Salomon, M. 98618
Armitage, J.C. *see* Dixit, M.S. 88014
Armitage, J.R. *see* Massicott, J.F. 63705
Armitage, J.R. *see* Williams, D.L. 63344
Armour, B. *see* Aiguo Zhao 77680
Armstead, M., Cogswell, M., Halverson, S., Musta, T. PowerPC visual simulator: peeking under the hood of the PowerPC engine 92265
Armstrong, A.J. *see* Welland, D.R. 93886
Armstrong, B.M. *see* Chiew, S.P. 91582
Armstrong, B.M. *see* Gamble, H.S. 81815
Armstrong, B.M. *see* Quinn, L.J. 93429
Armstrong, B.M. *see* Wu, Y. 49865
Armstrong, B.M. *see* Ye, L. 91452
Armstrong, C.M., Park, G.S., Ganguly, A.K., Kyser, R.H., Hirshfield, J.L. High power harmonic gyro-amplifiers for millimeter-wave radar 75607
Armstrong, C.M. *see* Choi, J.J. 62121
Armstrong, C.M. *see* Choi, J.J. 62124
Armstrong, C.M. *see* Choi, J.J. 81154
Armstrong, C.M. *see* Park, G.S. 62102
Armstrong, C.M. *see* Park, G.S. 92900
Armstrong, C.M. *see* Park, G.S. 98482
Armstrong, D.S. Traction versus telecommunications—a railway case history of EMC 51125
Armstrong, G.A. *see* Gamble, H.S. 81815
Armstrong, J. ISO 9002 quality system implementation in a pulp and paper mill's E&I maintenance group 79063
Armstrong, J. *see* Astley, S. 59271
Armstrong, J.R. *see* Kapoor, S. 55072
Armstrong, J.R. *see* Nishi, M. 72260
Armstrong, K. Improving the emissions and ESD immunity of a test instrument which uses DSP—a case study and whole-company conclusions 51126
Armstrong, K. Profit from EMC 73379
Armstrong, N.R. *see* Lin Yang 50536
Armstrong, P.S. *see* Munno, G.J. 97330
Armstrong, R.W. *see* Beard, W.T. 61438
Armstrong, S.R., Fan, G.H., Pemble, M.E., Abdul Ridha, H.H., Turner, A.R. Reflectance anisotropy studies of the growth of InP on InP(001) at atmospheric pressures using tertiarybutylphosphine and trimethylindium 48955
Armstrong, S.R., Pemble, M.E., Turner, A.R. Photoelectrochemical etching of n-GaAs(001) electrodes studied using reflectance anisotropy 49912
Armstrong, T.R. *see* Barr, R. 65947
Armstrong, T.R. *see* Fitzgerald, M.P. 86977
Armstrong, W.T. *see* Priedhorsky, W. 77102
Arnal, Y. *see* Belkacem, A. 48987

Arnason, S.B. *see* Benerofe, S.J. 54968
Arnatt, J. Latest developments in optical-fibre technology 97234
Arnaud, F., Delhomme, G., Dittmar, A., Girard, P., Netchiporouk, L., Martelet, C., Cespuglio, R., Newman, W.H. A micro thermal diffusion sensor for non-invasive skin characterization 59257
Arnaud, J. *see* Vidal, Y. 94533
Arnaud, L. *see* Borghs, G. 61944
Arnaud des Lions, T. *see* Bruneau, D. 75648
Arnaudas, J.I., del Moral, A., de la Fuente, C., Ciria, M., de Groot, P.A.J. Mesoscopic spin tunneling in the hard-random-axis-magnet amorphous alloy Tb_2Fe 71962
Arnaudon, L., Bordry, F., Coosemans, W., Dehning, B., Henrichsen, K., Hofmann, A., Jacobsen, R., Koutchouk, J.P., Lawson-Chroco, L., Mayoud, M., Miles, J., Olsen, R., Placidi, M., Ramseier, G., Schmidt, R., Wenninger, J., Blondel, A., Assmann, R., Fischer, G.E., Pan, C., Olivier, R. Effects of tidal forces on the beam energy in LEP 66851
Arnborg, T. *see* Zhang, S.-L. 82058
Arndt, F. *see* Brankovic, V.J. 83797
Arndt, F. *see* Reiter, J.M. 83798
Arndt, G.D. *see* Carl, J.R. 88845
Arndt, G.D. *see* Hwu, S.U. 86297
Arndt, P., Golovanivski, N., Homeyer, H., Martin, M. BECRIS—a 5 GHz ECR source for a CN Van de Graaff 59047
Arneson, D., Beth, S., Tavakley, R., Ruwart, T. A test bed for a high-performance file server 52126
Arnett, L. *see* Gibson, A.J. 94832
Arney, J.S., Maurer, J.M. Image analysis and the documentation of the condition of daguerreotypes 51627
Arney, S.C. *see* Goossen, K.W. 86477
Arney, S.C. *see* Yao, J.J. 55977
Arnhold, T. *see* Piroth, H.G. 98968
Arni, V.V., Huntsberger, T.L., Huntsberger, B.A. ADEAS: a distributed environment for acoustic simulation 57436
Arnison, G.T.J. *see* Spooner, N.J.C. 59151
Arnodo, C. *see* Tyc, S. 71140
Arnold, B. *see* Knebel, P. 70592
Arnold, B.J. Coal cleaning developments meet emissions requirements 78408
Arnold, D., Cartier, E., DiMaria, D.J. Theory of high-field electron transport and impact ionization in silicon dioxide 56090
Arnold, D.A. *see* Long, D.G. 77536
Arnold, D.E. *see* Nicol, T.H. 66813
Arnold, E. A transmission-line-theoretic method of approximation for determination of surface currents on large bodies of complex shape and for coupling into interior spaces 57204
Arnold, E. Silicon-on-insulator devices for high voltage and power IC applications 71751
Arnold, E. *see* Baumgart, H. 93082
Arnold, E. *see* Merchant, S. 55973
Arnold, G.W. *see* Mazzoldi, P. 73048
Arnold, H.W. *see* Seidel, S.Y. 65670
Arnold, H.W. *see* Varma, V.K. 86646
Arnold, J., Shaw, S. A surface weaving approach to multibeam depth estimation 99230
Arnold, J. *see* Nobach, U. 99546
Arnold, J. *see* Seligson, A.L. 49006
Arnold, J. *see* Shaw, S. 99259
Arnold, J.C., Sawin, H.H., Dalvie, M., Hamaguchi, S. Simulation of surface topography evolution during plasma etching by the method of characteristics 55772
Arnold, J.F. *see* Hollier, C.J. 84760
Arnold, J.F. *see* Pickering, M.R. 84766
Arnold, J.F. *see* Roger, R.E. 57857
Arnold, J.M., Buell, D.A., Davis, E.G. Splash 2 [attached processor board] 61765
Arnold, J.M. *see* Dendane, A. 57266
Arnold, J.M. *see* Masoudi, H.M. 83750
Arnold, M. *see* Weiner, R. 48860
Arnold, M.B. Environmental education in business schools: a collaborative process industry and universities 54377
Arnold, M.J., Roessgen, M., Boashash, B. Signal filtering using frequency encoding and the time-frequency plane 95549
Arnold, N. *see* McDowell, W. 76334
Arnold, N.D. *see* Nawrocki, G.J. 76333
Arnold, R.J., Santarpia, D., Crisafulli, J. NASA's experimental satellite program for future telecommunication services 86283
Arnold, S. *see* Li, J. 79994
Arnold, W. *see* Hirsekorn, S. 77756
Arnold, W.H. *see* Early, K. 62580
Arnold, W.H. *see* Early, K. 81585
Arnoldussen, T. *see* Sueoka, K. 71059
Arnoldussen, T.C., Burleson, M.A., Nunnelley, L.L., Parker, D.S. Noise distribution measurements of recorded transitions in film media 50297
Arnoldussen, T.C., Zhu, J.G. Effect of recorded transition shape on spatial noise distributions and correlations 72115
Arnoldussen, T.C. *see* Jian-Gang Zhu 63229
Arnoldussen, T.C. *see* Ye, X.-G. 50323
Arnon, S., Kopeika, N.S. Adaptive optical transmitter and receiver for space communication through clouds 65820
Arnon, S., Kopeika, N.S. Effect of particulates on performance of optical communication in space and an adaptive method to minimize such effects 86340
Arnon, S., Sadot, D., Kopeika, N.S. Analysis of optical pulse distortion through clouds for satellite to Earth adaptive optical communication 86451
Arnon, S., Sadot, D., Kopeika, N.S. Simple mathematical models for temporal, spatial, angular, and attenuation characteristics of light propagating through the atmosphere for space optical communication: Monte Carlo simulations 97320
Arnone, C. *see* Mini, L. 61340
Arnone, D.D., Burroughes, J.H., Pepper, M., Grimshaw, M.P., Ritchie, D.A., Jones, G.A.C. Far-infrared study of a quasi-one-dimensional electron gas formed by molecular beam epitaxial regrowth on patterned GaAs 62879
Arnone, G.J. A 12-channel VMEbus-based pulse-height analysis module 98668
Arnone, G.J., Brunson, G.S., Coop, K.L. A pulse arrival-time recording module for analyzing neutron multiplicities 59197
Arnone, G.J., Hollas, C.L. Data acquisition system developed for the resonance absorption project 98726
Arnot, H.E.G. *see* Zappe, H.P. 58736
Arnot, H.E.G. *see* Zappe, H.P. 97948
Arnott, J. *see* Sellen, A. 65456
Arnott, J.L. *see* Hine, N.A. 98993
Arnott, J.L. *see* Murray, I.R. 98982
Arnott, R. *see* Barrett, M. 83861
Arnoud, J.C. *see* Morin, J. 71577
Arnoud, Y. *see* von Apeldoorn, G. 88116
Arnow, T.L., Qiu, J., Longbotham, H.G. Optical detection of burnt resistors with back propagation 69599
Arns, J.A. *see* June-Koo Rhee 94667
Arnstein, L.F., Thomas, D. Applications of attributed-behavior synthesis 55063
Arnstein, L.F., Thomas, D. The attributed-behavior abstraction and synthesis tools 91710
Arntz, F.O. *see* Goldner, R.B. 60456
Aroca, C. *see* Garcia, A. 66193
Aroca, R. *see* Rodriguez-Mendez, M.L. 58887
Aroca, R. *see* Souto, J. 76095
Arodzero, A., Brau, J., Frey, R., Furuno, K., Hwang, H., Mason, D., Strom, D., Yang, X., Bashindzhagyan, G., Todd, R.A. A prototype silicon preradiator for the SSC 59076
Arogyaswami Paulraj *see* Gerlach, D. 97166
Arogyaswami Paulraj *see* Naguib, A.F. 97167
Aronchick, D. Motorola MCM/S ASEM foundry 48670
Aronbime, P. *see* Desai, M. 91691
Aronov, B., Bern, M., Eppstein, D. On the number of minimal 1-Steiner trees 69736
Aronov, B. *see* Agarwal, P.K. 91299
Aronov, D.A., Isaev, Kh.I., Rubinov, V.M., Tuichiev, M. Physical effects in thin films of amorphous gallium phosphide excited by light or by high-energy electron beams 49784
Aronov, M.A., Sergeev, Yu.G. High-frequency avalanche-streamer breakdown across corona-free air gaps 93701
Arons, E. *see* Chen, H. 59347
Arons, E. *see* Chen, H. 67524
Aronson, D.G., Huang, Y.S. Limit and uniqueness of discrete rotating waves in large arrays of Josephson junctions 56268
Aronson, L., Rosenhouse, J., Podoshin, L., Rosenhouse, G. Multi-channel cochlear prosthesis adapted to Hebrew: a case study 67626
Aronson, L., Rosenhouse, J., Podoshin, L., Rosenhouse, G., Zanutto, S.B. Pitch perception in patients with a multi-channel cochlear implant using various pulses width 77073
Aronson, L.B., Hesselink, L. Analysis and demonstration of an integrated optical switch based on dynamic free carrier gratings: a blueprint for a 100×100 element switch array 94165
Aronson, R.B. Inspection and quality assurance 91094
Arora, K., Mitchell, N.A. Measurement of spectral broadening of scattered laser signal propagating through ocean waters 94845
Arora, N.D., Rios, R., Cheng-Liang Huang, Raol, K. PCIM: a physically based continuous short-channel IGFET model for circuit simulation 62795
Arora, N.D. *see* Rios, R. 50011
Arora, N.D. *see* Su, L.T. 93376
Arora, N.K. *see* Basu, P.K. 54151
Arora, R.K., Lu, Z. Graphical study of Laguerre-Gaussian beam modes 57092
Arora, R.K., Sharma, A.K. Global positioning technology and applications 65739
Arora, S.K., Patel, D.H., Agarwal, M.K. Electrical and optical behaviour of vapour-grown SnS_2 crystals 70073
Arora, S.R. *see* Kumar, S. 79441
Arora, T., Leung, T., Levitt, K., Schubert, T., Windley, P. Report on the UCD microcoded Viper verification project 55307
Arora, V.K. *see* Samudra, G. 56079
Aroudaki, H., Hansen, V. Incorporation of vertically flowing currents in the analysis of planar circuits with the aid of the spectral-domain method 55098
Aroudaki, H. *see* Vaupel, T. 57128
Aroutiounian, V.M. *see* Poghossian, A.S. 58877
Arpaia, P., Baccigalupi, A., Pietrosanto, A. Performance optimization of VXI-based measurement stations 96602
Arpaia, P., Cennamo, F., Daponte, P., D'Apuzzo, M. Dynamic characterization of scan conversion-based transient digitizers 92316
Arpatzanis, N. *see* Papaioannou, G.J. 71725
Arpesella, C. *see* Greife, U. 98550
Arpino, F., Di Barba, P., Navarra, P., Savini, A. 3D global optimum of an electromechanical device 90011
Arps, R.B., Truong, T.K. Comparison of international standards for lossless still image compression 64878
Arrans, R. *see* Sanchez-Doblado, F. 99014
Arranz, J.C., Briega, A.M., Castro, J.M. Architectural model for an FDDI-ATM bridge/IP router 65526
Arrell, S. *see* Barr, R. 65947
Arreola-Santander, M.M. Academic internetworking in Mexico: The world at the reach of a keyboard 96610
Arri, A. *see* Malvicino, C. 63133
Arri, E., Andreone, D., Boella, G., Cabiati, F., Marullo-Reedtz, G. Feasibility study on an indirect quantum standard of the ampere 86831
Arri, E., Cabiati, F., D'Emilio, S. Some remarks on the application of the ISO guide concerning the expression of uncertainty to the measurement instruments 97760
Arri, E., Iuculano, G., Zanobini, A. Bayesian approach to uncertainty expression for intercomparison of standards 97759
Arrillaga, J. *see* Dominguez, M. 67990
Arrington, K., Kefford, D., Kennedy, J., Pisani, R., Sanzeni, C., Segall, K., Wall, D., Winn, D.R., Carey, R., Dye, S., Miller, J., Sulak, L., Worstell, W., Efremenko, Y., Kamyshkov, Y., Savin, A., Shmakov, K., Tarkovsky, E. Cerenkov fiber sampling calorimeters 88112
Arrington, K., Kefford, D., Kennedy, J., Pisani, R., Sanzeni, C., Segall, K., Wall, D., Winn, D.R., Carey, R., Dye, S., Miller, J., Sulak, L., Worstell, W., Efremenko, Y., Kamyshkov, Y., Savin, A., Shmakov, K., Tarkovsky, E. Cerenkov fiber sampling calorimeters 98564
Arrington, K., Kefford, D., Pisani, R., Sanzeni, C., Winn, D.R., Hurlbut, C., Moser, W. Quartz cladding flexible liquid core scintillating fibers 98634
Arrizon, V., Ojeda-Castaneda, J. Multilevel phase gratings for array illuminators 83367
Arronte, F., Garcia, E., Reig, A., de Regoyos, J. Transfer of control authority in a hierarchical energy management system structure 53622
Arrowood, J.L., Jr., Smith, M.J.T. Exact reconstruction analysis/synthesis filter banks with time-varying filters 80474
Arroyo, J.C., Saffarian, H.M., Warren, G.W. Electrochemical evaluation of the effect of binder additives on iron corrosion 63219
Arroyo, M.P., Birbeck, T.P., Baer, D.S., Hanson, R.K. Dual diode-laser fiber-optic diagnostic for water-vapor measurements 76054
Arroyo, M.P., Langlois, S., Hanson, R.K. Diode-laser absorption technique for simultaneous measurements of multiple gasdynamic parameters in high-speed flows containing water vapor 59000
Arroyo Fernandez, D. *see* Martinez de Madariaga, R. 96765
Arroz, G. *see* Laursen, K. 58947
Arsenault, D.R. *see* Lyons, W.G. 93933
Arsenault, H.-H. *see* Asselin, D. 84622
Arsenault, H.H. *see* Bergeron, A. 51644
Arsenault, H.H. *see* Changkakoti, R. 56916
Arsenault, H.H. *see* Gualdron, O. 64886
Arsenault, H.H. *see* Shoude Chang 57667
Arsenault, M., Bentz, J., Bouchard, J.-L., Cotnoir, D., Verreault, S., Maldague, X. Glass fragments detector for a jar filling process 91107
Arseneau, R., Filipski, P., Zelle, J. A portable and stable source of AC voltage, current and power 86935
Arsenescu, R. *see* Ariztizabal, F. 98518
Arsenev, L.V., Khodak, E.A., Romakhova, G.A., Sokolov, N.P. Improvement of combined-cycle installations with steam cooling of gas turbines 53952
Arsenis, S., Simoni, N., Znaty, S. An information model for the QOS monnitoring of an ATM switch: from analysis to implementation 51783
Arshad, M. *see* Awan, M.S. 79766
Arshak, A. *see* Mathur, B.P. 81654
Arshak, K.I., Ansari, F., Collins, D., Perrem, R. Characterisation of a thin-film/thick-film strain gauge sensor on stainless steel 75965
Arshak, K.I., Collins, D., Ansari, F. New high gauge-factor thick-film transducer based on a capacitor configuration 97976
Arshak, K.I., Landers, G.A., Perrem, R. Investigation into the properties of the mixed oxide V_2O_5-CeO_2 for use as a thin film strain gauge sensor 71129
Arshak, K.I. *see* Mathur, B.P. 81654
Arshinov, K.I., Kablukov, N.G., Tikhonov, F.V. An automatic valve for corrosive gases [ozone concentration measurement] 80203
Arsic, N. *see* Osmokrovic, P. 78233

Arslan, T. *see* O'Dare, M.J. 55202
Arsov, G.L. Improvements in microcomputer-based digital control of cycloconverters 68876
Artaki, I., Jackson, A.M., Vianco, P.T. Evaluation of lead-free solder joints in electronic assemblies 80996
Artaki, I. *see* Ray, U. 80997
Artaki, I. *see* Ray, U. 92716
Artalejo, J.R. *see* Falin, G.I. 91202
Artamonov, A.S., Inozemtsev, N.I. Instability growth rates for a round relativistic electron beam in a free-electron laser 83175
Artamoshkin, A.M. *see* Berezin, A.K. 92466
Artamoshkin, A.M. *see* Berezin, A.K. 92892
Artaud, M.C., Ouchen, F., Duchemin, S., Bougnot, J. Characterization of $CuInSe_2$ absorber thin films grown by metal organic chemical vapor deposition 81257
Artemenko, S.N., Kaminskii, V.L., Samoilenko, G.M. Microwave-pulse shaping in superconducting SLED system 82350
Artem'ev, A.V. *see* Saiko, V.G. 57251
Artemov, A.A., Bronnikov, V.I., Pasunkin, V.N., Petrykin, V.S., Prilipko, A.Ya. Measuring the gas-flow velocity in the chamber of a low-pressure flow-through laser by means of the dynamic speckle structure 94698
Artemov, D.V. *see* Apollonov, V.V. 72765
Artes, A. *see* Perez, F. 84322
Arthur, A.A. *see* Turko, B.T. 61776
Arthur, G., Martin, B., Goodall, F., Loader, I. Printability of sub-micron 5X reticle defects at G-line, I-line and DUV exposure wavelengths 81696
Arthur, G. *see* Martin, B. 81712
Arthur, P.C., Davies, N.C., Cannon, P.S., Angling, M.J. ROSE-300: a flexible architecture for a high performance oblique ionosonde 99174
Arthur, P.C., Maundrell, M.J. Automated HF systems: a framework for a way ahead 96987
Arthur, R.M. *see* Richard, W.D. 76978
Arthur, S.D. *see* Kendle, P.D. 62733
Arthurs, E. *see* Kefford, D. 59092
Artigalas, M., Westerkamp, D. Receiver characteristics 86668
Artigas, D., Dios, F. Phase space description of nonlinear directional couplers 72377
Artigas, J.M., Thibaut, E., Capilla, P., Pons, A.M. Effect of the area on the models used for producing colours with ordinary CRT monitors 98219
Artigaud, S. *see* Poumellec, B. 50551
Artiges, D. Optimal routing into two heterogeneous service stations with delayed information 85356
Artiglia, M., Di Vita, P., Potenza, M. Optical fibre amplifiers: physical model and design issues 94393
Artigue, F. *see* Amirat, M.Y. 87039
Artina, E. *see* Frontera, F. 76828
Artino, A., Cardu, M. Electrostatic precipitators used in the ecological conversion of power in coal-fired thermoelectric power plants 53942
Artiomov, A.S. A new method of ion beam diagnostics 76453
Artiomov, A.S. Correlation method of measurements of ion beam parameters 76454
Artoos, K., Clair, D., Poncet, A., Savary, F., Veness, R. The measurement of friction coefficient down to 1.8 K for LHC magnets 94019
Artukh, Yu.N. Methodological aspects of event timing system intellectualization 58625
Artur, J. *see* Letellier, V. 52609
Artusi, D., Frank, R. New plastic package bridges the gap between discrete power semiconductors and power modules 79355
Artuso, M. *see* Alexander, J.P. 59072
Artuso, M. *see* Alexander, J.P. 70305
Artyukh, Yu. Problems of the time measurement for doublewave laser pulse ranging 66691
Artyushenko, V.M. Amplitude-phase signal demodulation in the presence of non-Gaussian band interferences 74019
Artyushenko, V.M. *see* Shelukhin, O.I. 64459
Artzner, G. *see* Zhou, J.W. 98538
Aruga, T. *see* Araki, K. 86262
Aruga, T. *see* Toyoda, M. 86269
Aruga, T. *see* Yoshikado, S. 59588
Arun, K.S. *see* Dharanipragada, S. 84786
Arun Kumar, A.T. *see* Mahabala, H.N. 75844
Aruna Mani, T. *see* Ramana, K.V.V. 51101
Arutaki, A. *see* Akiba, K. 85995
Arutaki, A. *see* Kou, K.Y. 75080
Arutyunyan, Kh.S., Barsukov, K.A. Electromagnetic-wave reflection from a nonlinear dielectric plate in a waveguide 51167
Arutyunyan, V.M., Nerkararyan, Kh.V. Properties of a semiconductor-gap-semiconductor structure 49805
Arvieux, J. *see* Martin, A. 67356
Arwin, H. *see* Jansson, R. 94051
Arya, L.D. *see* Bijwe, P.R. 89093
Arya, R.R., Bennett, M., Yang, L., Newton, J., Li, Y.M., Maley, N., Fieselmann, B., Chen, L.F., Rajan, K., Wilczynski, A., Wood, G. Recent improvements in amorphous silicon-based multijunction modules 90414
Arya, R.R., Lommasson, T.C., Wiedeman, S., Russell, L., Skibo, S., Fogleboch, J. Solar cells and submodules on CIS prepared by EDCF method 100513
Arya, R.R., Yang, L., Bennett, M., Newton, J., Li, Y.M., Fieselmann, B., Chen, L.F., Rajan, K., Wood, G., Poplawski, C., Wilczynski, A. Status, progress and challenges in high performance, stable amorphous silicon alloy based triple junction modules 100522
Arya, R.R. *see* Chou, H.C. 100506
Arya, R.R. *see* Li, Y.-M. 100532
Arya, R.R. *see* Lommasson, T.C. 90439
Arya, R.R. *see* Russell, L. 100658
Arya, V. *see* Nasta, M.H. 98072
Arzerello, D. *see* Lavagetto, F. 98992
Arzhanov, E.V., Bogatov, A.P., Konyaev, V.P., Nikitina, O.M., Shveikin, V.I. Waveguiding properties of heterolasers based on InGaAs/GaAs strained quantum-well structures and characteristics of their gain spectra 83046
Arzhanov, E.V., Danilina, O.V., Konyaev, V.P., Logginov, A.S., Shveikin, V.I., Vinogradov, I.I. Superluminescence spectra and main peculiarities of stripe-geometry single-quantum-well injection InGaAs lasers with a strained active layer 72795
As, D.J. *see* Weich, K. 56889
As, H.R.Van *see* Van As, H.R.
Asada, G. *see* Iwasaki, Y. 49985
Asada, H. *see* Fujieda, I. 98097
Asada, H. *see* Jahng-Hyon Park 90950
Asada, H. *see* Matsuyama, K. 63262
Asada, H. *see* Mikami, Y. 53000
Asada, I. *see* Akita, J. 49325
Asada, K., Lee, M. Ultimate lower bound of power for MOS integrated circuits and their applications 82089
Asada, K. *see* Cho, K.-R. 61748
Asada, K. *see* Fujishima, M. 55194
Asada, K. *see* Ikeda, M. 51931
Asada, M., Matsuoka, Y., Sato, H., Kawasaki, Y., Kishio, S., Tanaka, N. Integrated customer service network for power distribution 59921
Asada, M. *see* Etoh, M. 64707
Asada, M. *see* Gu, H. 84810
Asada, M. *see* Gu, H. 96012
Asada, M. *see* Hirayama, H. 94477
Asada, M. *see* Suemasu, T. 93342
Asada, M. *see* Suemasu, T. 93486
Asada, N., Matsuki, H., Esashi, M. A fail-safe logic operator using an insulated planar transformer 55193
Asada, N., Matsuki, H., Esashi, M. Planar pot transformer with bulk ferrite core 61972
Asada, O. *see* Matsushiro, N. 84745
Asadi, A.O., Leung, H.C. New-word addition and adaptation in a stochastic explicit-segment speech recognition system 84159
Asahara, H. *see* Kawahara, K. 59885
Asahi, H. *see* Liu, X.F. 70044
Asahi, K., Ishihara, M. Spin-polarized radioactive nuclear beams and their applications 59044
Asai, A. *see* Shimizu, N. 63018
Asai, A. *see* Yamada, A. 94535
Asai, H. *see* Bandi, V.G. 70222
Asai, H. *see* Ishida, M. 71772
Asai, H. *see* Ninomiya, H. 70811
Asai, H. *see* Nishigaki, M. 49231
Asai, I. *see* Fuse, M. 81873
Asai, K. *see* Yoshikado, S. 59588
Asai, M., Yamakita, J., Sawa, S., Ishii, J. Electromagnetic wave absorption in multilayered anisotropic models of tissue 99006
Asai, M. *see* Kimoto, T. 84748
Asai, M. *see* Takahashi, T. 89083
Asai, N. *see* Cai, D. 64764
Asai, N. *see* Yoshimura, T. 71537
Asai, S. *see* Kuroda, S. 61661
Asai, S. *see* Okajima, Y. 79765
Asai, S. *see* Sawa, H. 82841
Asaka, H. *see* Kotani, H. 92223
Asaka, K. *see* Mikami, Y. 53000
Asaka, M. *see* Akagi, J. 97326
Asaka, T. *see* Saito, H. 65472
Asakawa, A. *see* Morooka, Y. 53839
Asakawa, K. *see* Kohmoto, S. 71543
Asakawa, K. *see* Nambu, Y. 71113
Asakawa, K. *see* Sugiura, H. 52693
Asakawa, K. *see* Sugiura, H. 66060
Asakawa, K. *see* Ushirogouchi, T. 81630
Asakawa, K. *see* Yoshikawa, T. 72922
Asakawa, M., Mima, K., Nakai, S., Fujita, M., Imasaki, K., Yamanaka, C. Use of multiphoton photoelectric process to generate a high brightness electron beam for free-electron lasers 49737
Asakawa, M. *see* Kubota, T. 99708
Asakawa, S., Kokubun, Y. Numerical synthesis of multilayer cladding optical waveguides by a random sampling method 50517
Asakawa, T. *see* Sobue, S. 77287
Asakawa, Y., Sekine, H., Takashima, M., Ishikawa, N., Matsuda, T. A low bit-rate speech CODEC suitable for cellular radio system 75128
Asako, Y. *see* Faghri, M. 69571
Asakura, K. *see* Mahmoud, I.I. 62940
Asakura, K. *see* Shibukawa, K. 52060
Asakura, M., Ohishi, T., Tsukude, M., Tomishima, S., Hidaka, H., Arimoto, K., Fujishima, K., Eimori, T., Ohno, Y., Nishimura, T., Yasunaga, M., Kondoh, T., Satoh, S.-I., Yoshihara, T., Demizu, K. A 34 ns 256 Mb DRAM with boosted sense-ground scheme 92222
Asakura, M., Oishi, T., Tomishima, S., Hidaka, H., Arimoto, K., Fujishima, K. A hierarchical bit-line architecture with flexible redundancy and block compare test for 256 Mb DRAM 70560
Asakura, M., Ooishi, T., Tsukude, M., Tomishima, S., Eimori, T., Hidaka, H., Ohno, Y., Arimoto, K., Fujishima, K., Nishimura, T., Yoshihara, T. An experimental 256-Mb DRAM with boosted sense-ground scheme 92235
Asakura, M. *see* Eimori, T. 92192
Asakura, M. *see* Okamoto, K. 76265
Asakura, M. *see* Ooishi, T. 49422
Asakura, M. *see* Ooishi, T. 70529
Asakura, M. *see* Ooishi, T. 70554
Asakura, N. *see* Suyama, M. 82818
Asakura, N. *see* Suyama, M. 94271
Asakura, T. *see* Holder, L. 57020
Asakura, T. *see* Holder, L. 94121
Asakura, T. *see* Jutamulia, S. 84730
Asakura, T. *see* Jutamulia, S. 84899
Asakura, T. *see* Peiponen, K.-E. 84932
Asakura, T. *see* Peiponen, K.-E. 91114
Asakura, T. *see* Takase, F. 60195
Asakura, T. *see* Widjaja, J. 56468
Asakura, T. *see* Yoshimura, H. 63765
Asakura, Y. *see* Nagase, M. 89469
Asama, T. *see* Fujita, K. 86094
Asamaki, T., Miura, T., Takagi, A., Mori, R., Hirata, K. Filling of sub-μm through-holes by self-sputter deposition 79900
Asamaki, T., Mori, R., Takagi, A. Copper self-sputtering by planar magnetron 62503
Asami, A. *see* Ohsawa, S. 76312
Asami, F. *see* Matsuda, K. 55302
Asami, K. The scanning dielectric microscope 50173
Asami, K. *see* Liu, X.F. 70044
Asami, T. *see* Ichinose, T. 89751
Asamoto, B. *see* Giegler, D. 53878
Asamoto, N. *see* Ohsaki, K. 49418
Asamoto, N. *see* Ohsaki, R. 70506
Asamura, T. *see* Azuma, A. 71670
Asanidze, I.G. *see* Ugrelidze, N.A. 64272
Asano, A. *see* Sichanugrist, P. 100594
Asano, D.K., Leib, H., Pasupathy, S. Phase smoothing functions for continuous phase modulation 51313
Asano, E. *see* Ando, A. 87952
Asano, H. *see* Kikunaga, T. 49748
Asano, H. *see* Takezawa, Y. 50520
Asano, I. *see* Cho, J.S.H. 62531
Asano, I. *see* Umeno, T. 60592
Asano, J. *see* Okuyama, M. 93725
Asano, K., Higashiyama, Y., Yatsuzuka, K., Yamanaka, K. The behavior of emitted charge cloud from an axisymmetric ion-flow anemometer 64075
Asano, K. *see* Morita, Y. 86785
Asano, K. *see* Takahara, H. 97838
Asano, K. *see* Yatsuzuka, K. 51023
Asano, M. *see* Jose, O. 78912
Asano, M. *see* Matsuo, H. 100883
Asano, N., Koyashiki, T., Nakao, M. The future of our fuel cell total energy system: a highly efficient and clean energy system 54146
Asano, S. *see* Fujitani, H. 93047
Asano, S. *see* Myung-Hun Choi 57936
Asano, S. *see* Soeda, K. 61704
Asano, T., Sakai, Y., Oshikiri, M., Inoue, K., Maeda, H., Heremans, G., Van Bockstal, L., Li, L., Herlach, F. Cu-Ag wire pulsed magnets with and without internal reinforcements 83560
Asano, T., Sakai, Y., Oshikiri, M., Inoue, K., Maeda, H., Heremans, G., Van Bockstal, L., Li Lang, Herlach, F. Copper-silver wire coils for pulsed magnet 83569
Asano, T. *see* Fujita, S. 69966
Asano, T. *see* Fujita, S. 70017
Asano, T. *see* Kakinouchi, T. 66785
Asano, T. *see* Takahashi, M. 48810
Asano, Y. *see* Fujita, I. 86426
Asano, Y. *see* Yokoya, M. 78157
Asanuma, K. *see* Suzuki, T. 96683
Asao, M. *see* Matsui, K. 100327
Asao, Y. *see* Chang, P.S.-T. 62852
Asaoka, K., Izumina, M., Tawada, Y., Hama, T., Itoh, M., Suzuki, Y., Ohnishi, M., Shimokawa, R. Current-induced degradation method for stabilization of a-Si solar cell 100600
Asar, A.-U., McDonald, J.R. A specification of neural network applications in the load forecasting problem 68157
Asari, K.Vijayan *see* Vijayan Asari, K.
Asari, T. *see* Fujii, M. 88202
Asario, S. *see* Nakakawaji, T. 85647
Asatani, K. Standardization of network technologies and services 74778
Asatani, K., Komiya, K. Standardization promoting network globalization 96400
Asayama, K. *see* Ikeda, S. 92194
Asayama, K. *see* Ishibashi, K. 49420
Asayama, K. *see* Ishibashi, K. 70564
Asazawa, H. *see* Kimura, K. 80192
Asbeck, P. *see* Chung-Yin Kwok 80339
Asbeck, P.M. *see* Chang, C.E. 71824
Asbeck, P.M. *see* Chang, C.E. 92540

Asbeck, P.M. *see* Chang, C.E. 93344
Asbeck, P.M. *see* Cheskis, D. 63035
Asbeck, P.M. *see* Fu, S.-L. 49772
Asbeck, P.M. *see* Kwok, C.Y. 55267
Asbeck, P.M. *see* Liao, H.H. 75491
Asbrock, J. *see* Lum, N. 58851
Asbury, M.J. Some institutional factors and aspects relating to a civil global navigation satellite system 65941
Aschauer, E. *see* Urban, G. 66512
Aschbacher, D.G. *see* Markezich, R.L. 68233
Aschbacher, J. *see* Paudyal, D.R. 77629
Asche, M., Hey, R., Horicke, M., Ihn, T., Kleinert, P., Kostial, H., Danilchenko, B., Klimashov, A., Roshko, S. Field-induced 2D-3D carrier transfer and phonon emission in δ-doped GaAs 62287
Asche, M. *see* Danilchenko, B. 92937
Aschenauer, E.C. *see* Horvath, D. 53123
Ascroft, J.T. A 3.5 mm coaxial calorimeter 53012
Aseda, K. *see* Lee, M. 93597
Aseev, A.A., Sokolov, S.V. Influence of thin internal target on the bent crystal extraction efficiency 66934
Aseev, A.L. *see* Hutchison, J.L. 81445
Asencios, H.S. *see* Hernan, A.A. 96806
Asenjo S, E. *see* Martinez, H. 78180
Asfour, J.M., Tschudi, T. Beam-shaping of laser diodes with binary diffraction optics 56843
Asfour, Y. *see* Haydt, R. 70677
Asgarpoor, S., Walter, D.T. Reliability evaluation of transmission systems using the efficient bounding method 78051
Asgerson, C. A simulation study of alternate routing systems 85354
Asghari, H., Aref, M.R. Speaker identification based on instantaneous and transitional LSP frequencies 51412
Asghari, H. *see* Aref, M.R. 73909
Asghari, M., White, I.H., Nice, C., Burness, A.L., Henning, I.D., Seltzer, C., Thompson, G.H.B., Clements, S.J. An integrated multi-channel laser source for WDM optical transparent networks 58436
Asghari, M., Zhu, B., White, I.H., Seltzer, C.P., Nice, C., Henning, I.D., Burness, A.L., Thompson, G.H.B. Demonstration of an integrated multichannel grating cavity laser for WDM applications 94442
Asgharian, R. A robust H^{∞} power system stabilizer with no adverse effect on shaft torsional modes 89151
Asgill, A.B. Frame synchronization for OOK optical systems 86428
Ash, D.A. Implementation of 32-bit digital filters using Analog Devices' ADSP-2100 family digital signal processors 70755
Ash, D.L. SAW devices in wireless communication systems 93824
Ashamallah, L. *see* Navarro, R.J. 81049
Ashar, N.K. *see* Sapre, U.S. 60351
Ashar, P., Malik, S. Implicit computation of minimum-cost feedback-vertex sets for partial scan and other applications 92100
Ashbrook, A., Hill, J.E. 1 kVAr three phase voltage sourced inverter ASVC 99601
Ashburn, P., Nouailhat, A., Chantre, A. Measurement of the bandgap narrowing in the base of Si homojunction and $Si/Si_{1-x}Ge_x$ heterojunction bipolar transistors from the temperature dependence of the collector current 62703
Ashburn, P. *see* Giroult-Matlakowski, G. 62701
Ashburn, P. *see* Marty, A. 82090
Ashburn, P. *see* Moiseiwitsch, N.E. 71602
Ashburn, P. *see* Post, I.R.C. 55901
Ashburn, P. *see* Routley, P. 63039
Ashburn, W.L. *see* Butler, J.F. 98816
Ashby, C.I.H., Zavadil, K.R., Howard, A.J., Hammons, B.E. Ultraviolet photosulfidation of III-V compound semiconductors: a new approach to surface passivation 49905
Ashby, C.I.H. *see* Ginley, D.S. 82332
Ashby, C.I.H. *see* Howard, A.J. 94526
Ashby, C.I.H. *see* Zavadil, K.R. 93201
Ashby, M.F. *see* Shercliff, H.R. 79987
Ashby, N. Relativity in the future of engineering 87559
Ashcroft, S.J. *see* Hawley, J.G. 69148
Ashe, J.M., Nevin, R.L., Murrow, D.J., Urkowitz, H., Bucci, N.J., Nespor, J.D. Range sidelobe suppression of expanded/compressed pulses with droop 65886
Asheim, S. *see* Hammerstad, E. 77340
Ashenfelter, W. *see* Oswald, R. 90428
Ashenford, D.E. *see* Dhese, K.A. 71285
Ashenford, D.E. *see* Hagston, W.E. 55600
Asher, S. *see* Contreras, M.A. 100759
Asher, S. *see* Kurtz, S.R. 55730
Asher, S. *see* Sopori, B.L. 100618
Asher, S.E. *see* Ahrenkiel, R.K. 100682
Ashfold, M.N.R. *see* Rego, C.A. 79913
Ashford, C. The OSI managed-object model 51827
Ashi, Y. *see* Fujita, H. 75438
Ashi, Y. *see* Takase, A. 75147
Ashida, A., Hachiuma, Y., Yamamoto, N., Ito, T., Cho, Y. $CuInSe_2$ thin film prepared by evaporation of Cu_2Se and In_2Se_3 61358
Ashida, A., Hachiuma, Y., Yamamoto, N., Ito, T., Cho, Y. $CuInSe_2$ thin films prepared by quasi-flash evaporation of In_2Se_3 and Cu_2Se [for solar cells] 79930
Ashida, A. *see* Hachiuma, Y. 93004
Ashida, A. *see* Kuranouchi, S. 91548
Ashida, I. *see* Saito, T. 62584
Ashida, I. *see* Sakata, M. 71377
Ashida, M. *see* Ishigaki, Y. 71826
Ashida, M. *see* Maeda, S. 71691
Ashida, M. *see* Maegawa, S. 92819
Ashida, M. *see* Sakamoto, O. 70509
Ashida, M. *see* Yamada, A. 94535
Ashida, T., Inui, T., Yomoda, K., Kobayashi, H. Development of profile measuring system for hot solid wheels 97922
Ashida, T. *see* Yubazaki, N. 90562
Ashida, Y. Single-junction a-Si solar cells with over 13% efficiency 100580
Ashida, Y. *see* Kawano, H. 53203
Ashida, Y. *see* Tanaka, H. 100525
Ashida, Y. *see* Tanaka, H. 100602
Ashihara, K. *see* Kiya, H. 92390
Ashitaka, H. *see* Kinoshita, T. 73120
Ashkenaz, S.M. *see* Lee, C.S. 71455
Ashkenazi, G. *see* Lotan, N. 55497
Ashkinadze, B.M., Cohen, E., Ron, A., Pfeiffer, L.N. Microwave radiation induced instability in photoexcited undoped GaAs 62183
Ashley, J., Beal, M.-P. A note on the method of poles for code construction 73704
Ashley, N. *see* Ross, M.D. 73768
Ashley, P.R. *see* Cites, J.S. 72446
Ashley, T., Elliott, C.T., Gordon, N.T., Hall, R.S., Johnson, A.D., Pryce, G.J. Uncooled $InSb/In_{1-x}Al_xSb$ mid-infrared emitter 50050
Ashmore, C. Managing industrial health—National Power turns liabilities into assets 60818
Ashmore, C. Engineering training in the 'real world': pragmatism pays at Tungstone batteries 69431
Asbmore, C. Engineers to Japan—de-mystifying the Orient 99577
Ashok, G. *see* Patnaik, R.S.M. 68974
Ashok, S. *see* Nam, C.W. 93197
Ashok, S. *see* Srikanth, K. 71275
Ashokan, R. *see* Bhan, R.K. 62439
Ashour, A., Afifi, H.H., Mahmoud, S.A. Effect of some spray pyrolysis parameters on electrical and optical properties of ZnS films 71121
Ashour, S. *see* Abou-Elfotouh, F.A. 90393
Ashour, S.K., Abdelhafez, M.E., Abdelaziz, S. Bayesian and non-Bayesian estimation for the Pareto parameters using quasi-likelihood function 61084
Ashour, S.K., El-Wakeel, M.A.M.H. Bayesian prediction for the range with a Burr distribution and a random sample size 48763
Ashpak, D.J. A fast method for the design of L_{∞} optimal linear array function with prescribed nulls 83864
Ashry, H.A., Soliman, F.A.S., El-Behay, A.Z., Abdou, S. A simple portable graphite calorimeter for gamma-dose measurements 88582
Ashton, G. *see* Vos, M. 72151
Ashton, R.A., Layman, P.A., McAndrew, C.C. Modeling and characterization of MOSFET width dependencies 50032
Ashur, A.S., Ibrahim, M.K., Aggoun, A. Area-time efficient diminished-1 multiplier for Fermat number transform 91970
Ashwell, G.J. *see* Charters, R.B. 52611
Ashwin, P., Buescu, J., Stewart, I. Bubbling of attractors and synchronisation of chaotic oscillators 80179
Ashwin, P., Swift, J.W. Measuring rotation sets of coupled oscillators 55095
Ashworth, M.J. Electric utilities and the info-way 53692
Ashworth, S.P., Glowacki, B.A. Anisotropic critical current densities of silver sheathed BSCCO-2223 tape 63280
Ashworth, S.P., Metra, P., Slaughter, R.J. A techno-economic design study of high-temperature superconducting power transmission cables 89306
Asi, M.K., Mrayati, M. A new approach to the estimation of the vocal tract area function 84160
Asiamah, S. *see* Singh, K. 81249
Asida, N. Theoretical model for conversion efficiency in an intermediate singly resonant/doubly resonant optical parametric oscillator configuration 94598
Asif Khan, M., Kuznia, J.N., Olson, D.T., Schaff, W.J., Burm, J.W., Shur, M.S. Microwave performance of a 0.25 μm gate AlGaN/GaN heterostructure field effect transistor 71739
Asif Khan, M. *see* Adesida, I. 81464
Asif Khan, M. *see* Ping, A.T. 93230
Asija, A., Gundavajhala, A. Quick measurement of unloaded Q using a network analyzer 98285
Asinugo, C., Yurtseven, M.K., Rahrooh, A. Fast and robust adaptive equalization through Kalman filtering 61802
Ask, F. *see* Schnurr, L. 85493
Askari, F., Keller, W.C. Real aperture radar imaging of ocean waves during SAXON-FPN: a case of azimuth-traveling waves 67844
Askaryan, G.A., Batanov, G.M., Barkhudarov, A.E., Gritsinin, S.I., Korchagina, E.G., Kossyi, I.A., Silakov, V.P., Tarasova, N.M. A freely localized microwave discharge for removal of chlorofluorocarbon contamination from the atmosphere 67881
Askenazy, S., Barbaste, R., Marquez, J., Ricart, D., Soupene, H. Today's and tomorrow's pulsed field facility in Toulouse 83568
Askenazy, S. *see* Van Bockstal, L. 83544
Askenazy, S. *see* Van Bockstal, L. 83545
Askew, D.R. *see* Pappas, G.C. 67186
Askew, R.E., Mawhinney, D.D., Sterzer, F. Suppression of multipath and other interferers using electronically variable time delay elements 73380
Askew, R.E., Mawhinney, D.D., Sterzer, F. Suppression of multipath and other interferers using electronically variable triple delay elements 83724
Askin, R.G., Dror, M., Vakharia, A.J. Printed circuit board family grouping and component allocation for a multimachine, open-shop assembly cell 79268
Askinazi, J. Functional challenges for optical window materials 63334
Askins, C.G., Putnam, M.A., Williams, G.M., Friebele, E.J. Considerations for producing single-pulse fiber Bragg gratings 50505
Askins, C.G., Putnam, M.A., Williams, G.M., Friebele, E.J. Contiguous fiber Bragg grating arrays produced on-line during fiber draw 98054
Askins, C.G. *see* Friebele, E.J. 98032
Askne, J., Hagberg, J.O. Potential of interferometric SAR for classification of land surfaces 77246
Askne, J., Ulander, L.M.H., Birkeland, D. ERS-1 SAR analysis of Arctic ice concentration during the melt season 67877
Askne, J. *see* Israelsson, H. 77632
Askne, J. *see* Israelsson, H. 77707
Aslam, M. *see* Hong, D. 62082
Aslam, M. *see* Kral, S.F. 90470
Aslam, M. *see* Taher, I. 97952
Aslam, M.T., Minfeng Xu, Kral, S.F., Campbell, H.G. Modeling of system operation using a 30 MW superconducting magnetic energy storage system 89033
Aslanidi, K.G., Modenov, V.P. Justification of projection sewing technique 57105
Asman, M. *see* Lago, T. 99269
Asmussen, J., Mak, P. Control of multipolar electron cyclotron resonance discharges using internal cavity impedance matching 53231
Asmussen, J., Mak, P. Control of multipolar electron cyclotron resonance discharges using internal cavity impedance matching 55382
Asmussen, J. *see* Grotjohn, T.A. 53233
Asmussen, J. *see* Grotjohn, T.A. 59056
Asmussen, J. *see* Srivastava, A.K. 53176
Asmussen, J. *see* Srivastava, A.K. 53230
Asmussen, J. *see* Srivastava, A.K. 67268
Asmussen, J., Jr. *see* Pyati, V.P. 79733
Asmussen, S., Bladt, M. Poisson's equation for queues driven by a Markovian marked point process 79548
Asmussen, S., Rubinstein, R.Y., Chia-Li Wang Regenerative rare events simulation via likelihood ratios 91192
Aso, K. *see* Morishita, K. 63371
Aso, K. *see* Sugiyama, Y. 50258
Aso, T., Mizuide, H., Kitaguchi, H., Usui, T., Akahane, K., Ishikawa, N., Hide, I. A novel dielectric isolation process using molten SiGe 55691
Aso, T. *see* Barberis, E. 59063
Aso, T. *see* Hashimoto, T. 52736
Aso, T. *see* Unno, Y. 98558
Asobe, M., Naganuma, K., Kaino, T., Kanamori, T., Tomaru, S., Kurihara, T. Switching energy limitation in all-optical switching due to group velocity dispersion of highly nonlinear optical waveguides 56908
Asoh, H. *see* Kurita, T. 96097
Asokan, S. *see* Chatterjee, R. 75842
Asokan, S. *see* Prasad, M.V.N. 92971
Asokan, T., Freer, R. Dependence of ZnO varistor grain boundary resistance on sintering temperature 61963
Asom, M. *see* Vakhshoori, D. 72832
Asom, M. *see* Vakhshoori, D. 94515
Asom, M.T., Livescu, G., Swaminathan, V., Geva, M., Luther, L. Molecular beam epitaxial growth and properties of Si-doped GaAs/AlGaAs quantum wells 54883
Asom, M.T. *see* Bylsma, R.B. 72804
Asom, M.T. *see* Choquette, K.D. 56765
Asom, M.T. *see* Hong, M. 56770
Asom, M.T. *see* Morgan, R.A. 87390
Asonen, H., Ovtchinnikov, A., Guodong Zhang, Nappi, J., Savolainen, P., Pessa, M. Aluminum-free 980-nm GaInAs/GaInAsP/GaInP pump lasers 63774
Asonen, H. *see* Lammasniemi, J. 100517
Asonen, H. *see* Nappi, J. 50810
Asonen, H. *see* Zhang, G. 70055
Aspacher, B., Maier, K. New setup for a position-sensitive γ-ray detector 53358
Aspar, B., Berjoan, R., Labatut, C., Armas, B. Auger studies of chemical bonds and oxygen

minimization in the interfaces between AlN and SiC thin films deposited by LPCVD 81287
Aspar, B. *see* Flament, O. 93454
Aspar, B. *see* Garcia, A. 93237
Asparoukhov, O., Boyanov, B. Computer analysis of the speech of patients under preoperative stress 73804
Aspell, P. *see* Anghinolfi, F. 53345
Aspell, P. *see* Anghinolfi, F. 88228
Aspell, P. *see* Anghinolfi, F. 98663
Aspell, P. *see* Borer, K. 53347
Aspell, P. *see* Borer, K. 98687
Aspell, P. *see* Bosisio, L. 59074
Aspell, P. *see* Dierickx, B. 67378
Asplund, G. *see* Carlsson, L. 59907
Aspnes, D.E. Optical feedback control of epitaxial growth 54922
Aspnes, D.E., Tamargo, M.C., Brasil, M.J.S.P., Nahory, R.E., Schwarz, S.A. As capture and the growth of ultrathin InAs layers on InP 61295
Aspnes, J. A summary and analysis of bachelor of science degree requirements reported by 125 electrical engineering departments 60775
Asratian, A.S., Kamalian, R.R. Investigation on interval edge-colorings of graphs 79596
Asryan, G. *see* Zorn, C. 88099
Assaad, J., Bruneel, C., Decarpigny, J.-N., Rouvaen, J.-M. Application of the finite element method to modelling transducer bars 93792
Assad, S.El *see* El Assad, S.
Assaderaghi, F., Ping Keung Ko, Chenming Hu Room temperature observation of velocity overshoot in silicon inversion layers 93467
Assaderaghi, F. *see* Chan, M. 93479
Assaderaghi, F. *see* Jian Chen 62998
Assaderaghi, F. *see* Parke, S. 63038
Assadi, A., Spetz, A., Willander, M., Svensson, C., Lundstrom, I., Inganas, O. Interaction of planar polymer Schottky barrier diodes with gaseous substances 66576
Assadi, A. *see* Ahlskog, M. 81867
Assadian, M., Goddard, R.J., Hong, H.W., French, D. Field operational experiences with on line state estimator 59719
Assaf, A.M. An application of modified group divisible designs 91281
Assaleh, K.T., Mammone, R.J. New LP-derived features for speaker identification 95256
Assaleh, K.T., Mammone, R.J., Rahim, M.G., Flanagan, J.L. Speech recognition using the modulation model 84117
Assang, A. *see* McMahan, M.A. 76460
Assanto, G., Laureti-Palma, A., Sibilia, C., Bertolotti, M. All-optical switching via second harmonic generation in a nonlinearly asymmetric directional coupler 83265
Assanto, G., Torelli, I., Trillo, S. All-optical phase controlled amplitude modulator 56854
Assanto, G. *see* Hagan, D.J. 83321
Assayag, G.Ben *see* Ben Assayag, G.
Asseev, A.A. On using the thin target at extraction of protons from the accelerators by bent crystal 66936
Asseev, A.A., Maisheev, V.A., Myae, E.A. Extraction of 50 GeV protons from IHEP accelerator by bent crystal 66935
Asseev, A.A., Myae, V.A., Sokolov, S.V., Fedotov, Yu.S. Increase a bent crystal extraction efficiency by means of thin internal target 66933
Asseev, A.A., Vasil'ev, A.N., Ludmirsky, E.A., Maisheev, V.A., Nurushev, S.B., Fedotov, Yu.S. About extraction of 70-GeV protons by a bent crystal from the IHEP accelerator to the PROZA setup 66932
Asselin, D., Arsenault, H.-H., Prevost, D. Optical circular sampling system for translation and rotation invariant pattern recognition 84622
Asselin de Beauville, J.P., Mraghni, M.C. Contour detection using the shape of the nearest neighbors set (NN-set) 85176
Assimakis, N.D. *see* Lainiotis, D.G. 54782
Assis-Arantes, P., Bernard, E., Carn, N., Leonis, G., Racaud, T., Reynolds, J., Smillie, R. Application of the object paradigm in satellite checkout and payload operations 97186
Assmann, R. *see* Arnaudon, L. 66851
Assmus, F. *see* Reuther, H.M. 66211
Assmus, U., Nunes, M.S. Transmission of coded sound signals in a future ATM network 96813
Assmus, U., Nunes, S. Transmission of coded audio signals at low bit rate in a future ATM network 75074
Assoufid, L. *see* Yahnke, C.J. 88277
Assuncao, M.P.M., Pugliesi, R., de Menezes, M.O. Study of the neutron radiography characteristics for the solid state nuclear track detector Makrofol-E 76798
Ast, D.G. *see* Matragrano, M.J. 79848
Astadjov, D.N., Dimitrov, K.D., Little, C.E., Sabotinov, N.V., Vuchkov, N.K. A CuBr laser with 1.4 W/cm^3 average output power 72693
Astadjov, D.N. *see* Sabotinov, N.V. 82909
Astadjov, D.N. *see* Vuchkov, N.K. 63647
Astaf'ev, L.I. Generalized axial electrical machine 78534
Astakhov, D.S., Mikerov, A.G., Yakovlev, A.V. Contactless torque drive for socially and medically useful equipment 60495
Astbury, A. *see* Gingrich, D. 53291
Aste, T., Beruto, D., Botter, R., Ciccarelli, C., Giordani, M., Pozzolini, P. Microstructural development during the oxidation process in SnO_2 thin films for gas sensors 66561
Asthana, A., Cravatts, M., Krzyzanowski, P. An experimental active-memory-based network element 80332
Asthana, A., Cravatts, M., Krzyzanowski, P. SWIM active memory: architecture and applications 80334
Asthana, A., Krzyanowski, P. A memory participative architecture for high performance communication systems 65185
Asti, G. Singularities in the magnetization processes of high anisotropy materials 72046
Astic, J.Y., Bihain, A., Jerosolimski, M. The mixed Adams-BDF variable step size algorithm to simulate transient and long term phenomena in power systems 77843
Astier, A. *see* Beraud, R. 67398
Astier, L. *see* Moser, V. 49090
Astier, S. *see* Clenet, S. 78611
Astle, B., Dill, A. Reusability: multi-function in electronic assembly equipment 92801
Astles, M.G. *see* Fisher, J.M. 61329
Astley, S., Hutt, I., Miller, P., Rose, P., Taylor, C., Boggis, C., Adamson, S., Valentine, T., Davies, J., Armstrong, J. Automation in mammography: computer vision and human perception 59271
Astley, S.E. *see* Miller, P. 59278
Astola, J., Cheikh-Alaya, F., Gabbouj, M. When are two weighted order statistic filters identical? 64417
Astola, J., Neuvo, Y. An efficient tool for analyzing weighted median filters 80440
Astola, J. *see* Huttunen, H. 85101
Astola, J. *see* Kalliojarvi, K. 57524
Astola, J. *see* Kuosmanen, P. 85102
Astola, J. *see* Tang, K. 95665
Astola, J. *see* Viero, T. 85130
Astola, J.T. *see* Egiazarian, K.O. 64416
Aston, D. *see* Abe, K. 88115
Aston, D. *see* Antilogus, P. 59064
Aston, D. *see* Antilogus, P. 59127
Aston, J. Lighting controls today: an overview 54244
Astrain, H. *see* Chi-Taou Tsai 91038
Astrom, J. *see* Lidbjork, P. 76549
Astrom, K. Fundamental difficulties with projective normalization of planar curves 74617
Astrov, D.N., Guillemot, J., Legras, J.C., Zakharov, A.A. Intercomparison of primary manometers in the range 30 kPa to 110 kPa: pressure balance at the LNE and mercury manometer at the VNIIFTRI 66751
Astrova, E.V., Belov, S.V., Lebedev, A.A. Certain properties of porous-silicon-based structures fabricated by a coloring etching method 50691
Astrova, E.V., Belov, S.V., Zaitsev, O.A., Lebedev, A.A. Photosensitivity spectra of diode structures on porous silicon layers or silicon hydride films 56550
Astrova, E.V., Lebedev, A.A., Remenyuk, A.D., Rud, Yu.V. Optical and electrical properties of porous silicon 55545
Asuma, H. *see* Tanaka, T. 98211
Asuma, Y. *see* Takahashi, N. 77352
Asumu, D.E. *see* Senior, J.M. 52530
Asundi, A., Chan, C.S. Phase shifted projection grid—effect of pitch and profile 87535
Asundi, A.K., Chan, C.S., Sajan, M.R. 360-deg profilometry: new techniques for display and acquisition 87514
Asundi, A.K., Sajan, M.R. Low-cost digital polariscope for dynamic photoelasticity 98083
Aswal, D.K. *see* Gupta, S.K. 66650
Aswell, C.J., Berlien, J., Dierschke, E., Hassan, M. A monolithic light-to-frequency converter with a scalable sensor array 94269
Atac, M. *see* Baumbaugh, B. 59149
Atac, T. *see* Gibson, A.J. 86654
Atad, E. *see* Armitage, A.F. 87272
Atai, J. *see* Yijiang Chen 64196
Ataka, M., Omodaka, A., Takeshima, N., Fujita, H. Fabrication and operation of polyimide bimorph actuators for a ciliary motion system 68927
Ataka, T. *see* Chinone, K. 56242
Atakov, E.M., Clement, J.J., Miner, B. Two electromigration failure modes in polycrystalline aluminum interconnects 62520
Atalar, A. *see* Bozkurt, A. 99312
Atalar, A. *see* Karman, M. 88391
Atalar, A. *see* Onural, L. 53005
Atalar, A. *see* Topcu, S. 80055
Atalay, S. *see* Squire, P.T. 50238
Atallah, K., Howe, D. Calculation of the rotational power loss in electrical steel laminations from measured $\hat{H}$ and $\hat{B}$ 56201
Atallah, K., Howe, D. The calculation of iron losses in brushless permanent magnet DC motors 68638
Atallah, K., Zhu, Z.Q., Mitchell, J.K., Howe, D. Curvature effects in radial-field permanent magnet machines 78537
Atamas', S.N., Latush, E.L. Quasiresonant ionization of thallium vapor by calcium-vapor laser emission 63917
Atamas', S.N., Latush, E.L., Sem, M.F. He-Sr recombination laser with helium pressure up to 5 atm 63640
Atamas, S.N. *see* Latush, E.L. 94350
Atamna, Y. *see* Juanole, G. 65099
Atamna, Y. *see* Juanole, G. 74698
Atanasiu, V. *see* Cardu, M. 89590
Atanassov, K.T. More on the concept 'generalized nets'. VII 61102
Atanassov, V. *see* Rosenthal, W. 77480
Atanov, V.K., Britov, G.S. Electric-drive monitoring system 78864
Atarodi, M., Choma, J., Jr. A 7.2 GHz bipolar operational transconductance amplifier for fully integrated OTA-C filters 91916
Atcha, H., Tatam, R.P. Heterodyning of fibre optic electronic speckle pattern interferometers using laser diode wavelength modulation 66779
Ateequddin, M., Hussain, K.A., Subhadra, K.G., Sirdeshmukh, D.B. Design and fabrication of a high temperature X-ray powder diffraction camera 76866
atef Issasukhel' Sarkhan *see* Sarkhan atef Issasukhel'
Athale, R.A. *see* Euliss, G.W. 57650
Athani, V.V., Walivadekar, V.N. Equivalent circuit for switched reluctance motor 78850
Athani, V.V., Sr. *see* Walivadekar, V.N. 100095
Athans, M. *see* Liu, X. 77906
Athas, W.C., Koller, J.G., Svensson, L.J. An energy-efficient CMOS line driver using adiabatic switching 49517
Atherton, A. Reflections on calibration of platinum resistance thermometers 97884
Atherton, D.L. *see* Makar, J.M. 72049
Atherton, D.L. *see* Makar, J.M. 72050
Atherton, D.P. *see* Horng-Jyh Lin 74120
Atherton, P. Nanopositioners deliver subatomic accuracy 58682
Atherton, T.J. *see* Langley, K. 84662
Athithan, G. *see* Sony Roy, T. 61178
Athow, D., Law, J. Development and applications of a random variable model for cold load pickup 78091
Atia, A.E. *see* Ji-Fuh Liang 70837
Atia, A.E. *see* Ji-Fuh Liang 92479
Atick, J.J. *see* Zhaoping Li 57698
Atiquzzaman, M. Pipelined implementation of the multiresolution Hough transform in a pyramid multiprocessor 84827
Atiquzzaman, M., Akhtar, M.W. Complete line segment description using the Hough transform 51696
Atiquzzaman, M. *see* Bin Zhou 64975
Atkin, D.J. Cable exhibition in the USA: ownership trends and implications of the 1992 Cable Act 58598
Atkin, G.E., Fung, K.-S.L. Coded multipulse modulation in optical communication systems 51311
Atkins, G.R., Carter, A.L.G. Photodarkening in Tb^{3+}-doped phosphosilicate and germanosilicate optical fibers 63386
Atkins, G.R., Ouellette, F. Reversible photodarkening and bleaching in Tb^{3+}-doped optical fibers 64003
Atkins, G.R., Sceats, M.G., Poole, S.B. Cathodoluminescence study of defects in optical fibre preforms 63399
Atkins, M.S., Zastre, M., Buckley, K., Byars, L. Evaluation of the use of the i860 Supercard in a 3D PET tomograph 53416
Atkins, M.S. *see* Johnston, B. 67476
Atkins, R.G. *see* Hara, Y. 59596
Atkins, R.M. *see* Simpson, J.R. 56720
Atkins, T.W. When is a motor a 'washdown-duty motor'? 53996
Atkins, W.H. *see* Johnson, K.F. 76427
Atkinson, A. The cell delay variation introduced from an ATM access multiplexer 64907
Atkinson, D., Agnew, J., Miller, M. The B-2 navigation system 59470
Atkinson, D., Loh, W.H., Afanasjev, V.V., Grudinin, A.B., Seeds, A.J., Payne, D.N. Increased amplifier spacing in a soliton system with quantum-well saturable absorbers and spectral filtering 97238
Atkinson, D. *see* Squire, P.T. 50238
Atkinson, H.L., Stockel, C.T., Chudley, J. What lies ahead? ... automatic collision avoidance at sea 52662
Atkinson, J.K. Hybrid chemical and physical sensor arrays 87339
Atkinson, J.K., Sion, R.P., Sizeland, E. The characterization and compensation through sensor array signal processing techniques of drift and low frequency noise in thick-film semiconductor sensors 66207
Atkinson, J.K. *see* Sion, R.P. 66197
Atkinson, J.K. *see* Sion, R.P. 69176
Atkinson, J.K. *see* Sizeland, E. 87328
Atkinson, J.L. *see* Leong, J.L. 89439
Atkinson, J.T. *see* Pearson, J.D. 69610
Atkinson, J.T. *see* Search, D.J. 69601
Atkinson, K., Flores, J. The discrete collocation method for nonlinear integral equations 48876
Atkinson, R., Grundy, P.J., Hanratty, C.M., Pollard, R.J., Salter, I.W. Design and performance of magneto-optic enhanced Co/Pt-based trilayers having zero Kerr ellipticity 72496
Atkinson, R. *see* Monaghan, J.B. 50600

Atlas, D. Footprints of storms on the sea: a view from spaceborne synthetic aperture radar 59572
Atlas, D.A. *see* Cowley, M.D. 65762
Atlas, D.A. *see* Crowley, M.D. 65857
Atlas, L.E. *see* Jing Fang 95625
Atlas, L.E. *see* Loughlin, P.J. 95384
Atlas, L.E. *see* Oh, S. 74070
Atlas, L.E. *see* Pitton, J.W. 84508
Atlas, L.E. *see* Pitton, J.W. 95244
Atlas, L.E. *see* Pitton, J.W. 95628
Atlas, L.E. *see* Riskin, E.A. 64733
Atlasis, A.F. *see* Vasilakos, A.V. 65433
Atmuri, S.R., Thallam, R.S., Gerlach, D.W., Lundquist, T.G., Selin, D.A. Neutral reactors on shunt compensated EHV lines 89258
Atobe, N. *see* Tomita, N. 65835
Atoda, N. *see* Nagata, H. 81725
Atoh, N. *see* Mizuno, K. 53004
Atrazhev, V.M. *see* Bonifaci, N. 81128
Atroshchenko, V.A., Grigorash, O.V., Lanchu, V.V. State of the art and future trends in the development of independent power supplies 100048
Atroshchenko, V.A. *see* Grechko, E.N. 88983
Atsuki, K. *see* Hasegawa, T. 83783
Atsuki, T. *see* Nakao, Y. 91554
Atsuki, T. *see* Soyama, N. 91555
Atsumi, A. *see* Kyushima, H. 81159
Atsumi, A. *see* Kyushima, H. 92908
Atsumi, A. *see* Kyushima, H. 98704
Atsumi, K. *see* Ando, T. 92845
Atsumi, S., Kuriyama, M., Umezawa, A., Banba, H., Naruke, K., Yamada, S., Ohshima, Y., Oshikiri, M., Hiura, Y., Yamane, T., Yoshikawa, K. A 16-Mb flash EEPROM with a new self-data-refresh scheme for a sector erase operation 49426
Atsumi, S. *see* Umezawa, A. 70562
Atsumi, S. *see* Yoshikawa, K. 61725
Atsumi, Y. *see* Nogami, T. 60277
Attaianese, C., Di Stefano, R., Marongiu, I., Perfetto, A. Full digital vectorial control of an asynchronous motor: a prototypical realization 100821
Attaianese, C., Perfetto, A. An observer for speed sensorless induction motor drive 100824
Attanaiese, C., Pagano, E., Raffaele, S., Rizzo, R. Microprocessor electric drives for railway traction 54223
Attanasio, C. *see* Parlato, L. 88306
Attar, G., Bhethanabolta, D.P., Dugan, K., Karthikeyan, S., Kazi, M., Killian, J.L., Muthaiah, A.B., Nierman, D., Oman, D.M., Swaminathan, R., Zafar, S.A., Ferekides, C.S., Morel, D.L. $CuInSe_2$ and CdTe thin films for photovoltaic applications 90432
Attema, E. *see* Wooding, M. *(editor)* 60774
Atten, P. On the use of an ionic pump in a convector heater 69238
Atten, P. *see* Danikas, M.G. 50118
Atten, P. *see* Dascalescu, L. 64105
Atten, P. *see* Foule, J.-N. 64055
Atteri, R. *see* Sumic, Z. 99561
Attia, A. *see* Harsono, S. 81258
Attia, E.H. Self-phasing optical heterodyne arrays using the weighted least squares spatial correlation algorithm 94694
Attia, M. *see* Charles, A. 69183
Attikiouzel, Y. *see* Godfrey, K.R.L. 64808
Attikiouzel, Y. *see* Kuczborski, W. 70435
Attikiouzel, Y. *see* Morrison, M. 88394
Attikiouzel, Y. *see* Rasiah, A.I. 88495
Attikiouzel, Y. *see* Zhang, Y. 64357
Attili, B.S., Shehadeh, Y. The use of block elimination for the calculation of some types of singularities efficiently 69888
Attivissimo, F., Giaquinto, N., Savino, M., Trotta, A. Information source model of A/D converters to characterize digital spectral analyzers based on averaged smoothed periodograms 97837
Attix, F.H. *see* Almond, P.R. 88587
Attiya, H., Mavronicolas, M. Efficiency of semisynchronous versus asynchronous networks 96172
Attoh, K. *see* Ahues, M. 61169
Attolini, G. *see* Gennari, S. 71120
Attolini, G. *see* Lazzarini, L. 79826
Attri, K.S., Rao, C.S. Effect of source reactance on power transfer limited by voltage instability in compensated transmission systems 99628
Attwood, B.E., Peterson, A.L. Highly efficient, 1 megahertz magnetic amplifier requires low cost, nonsquare loop material 63265
Atwater, H.A. *see* Gang He 70050
Atwater, H.A. *see* Hashim, I. 71978
Atwater, P. *see* Thapar, B. 89371
Atwater, T. *see* Miller, S.P. 99141
Atwood, G. *see* Ong, T.C. 70497
Atzgerstorfer, K. Energy optimisation in the mountains—a holiday village in Carinthia 90475
Atzgerstorfer, K. Energy optimisation in the household 90680
Atzmon, Z., Eizenberg, M., Shacham-Diamand, Y., Mayer, J.W., Schaffler, F. Solid-phase epitaxial regrowth of Sb-implanted $Si_{1-x}Ge_x$ strained layers: kinetics and electrical properties 48946
Au, C.F. *see* Ng, J.M. 65816
Au, H.L. *see* Shan, Y.Y. 81226
Au, M., Steele, R. Teletraffic performance of a city street microcellular system using equalised base station loading for TDMA/FCA 97064
Au, R., Yamashita, T., Shibata, T., Ohmi, T. Neuron-MOS multiple-valued memory technology for intelligent data processing 92453
Au, R. *see* Shimada, H. 81728
Au, W.C., Kong, J.A., Tsang, L. Absorption enhancement of scattering of electromagnetic waves by dielectric cylinder clusters 73252
Au, W.C. *see* Bourissou, A. 67799
Au Kong Jin *see* Jin Au Kong
Aubel, D. *see* Diani, M. 49883
Aubert, A.E., Denys, B.G., Ector, H., De Geest, H. Automatic detection of ventricular tachycardia and fibrillation using ECG processing and intramyocardial pressure measurement 98910
Aubert, B. Neutral kaon decays-weak process 76802
Aubert, B. *see* Gingrich, D. 53291
Aubert, D. *see* Palleau, J. 81107
Aubert, G., Jongbloets, H.W.H.M., Jess, W., Picoche, J.C., Plante, A., Rub, P., Vallier, J.C. The High Magnetic Field Laboratory of Grenoble 83533
Aubert, H. *see* Taillardat, P. 92510
Aubert, J. *see* Farchi, A. 53162
Aubert, X., Haeb-Umbach, R., Ney, H. Continuous mixture densities and linear discriminant analysis for improved context-dependent acoustic models 84113
Aubertin, L., Bonnefoy, T., Joly, P. Q-adaptor function for customer administration in a switch 52020
Auberton-Herve, A.-J., Nishimura, T. SOI-based devices: status overview 71230
Auberton-Herve, A.J. New SOI-based applications 93557
Auberton-Herve, A.J. *see* Faynot, O. 93478
Aubin, D. *see* Rahman, M.D. 81666
Aubin, G., Montalant, T., Moulu, J., Nortier, B., Pirio, F., Thomine, J.B. Soliton transmission at 10 Gbit/s with a 70 km amplifier span over one million kilometres 75397
Aubin, J. *see* Bensmaia, N. 100205
Aubin, M. *see* Fournier, P. 53009
Aubourg, M. *see* Madrangeas, V. 73440
Aubrecht, V. *see* Busov, B. 90276
Aubret, C. *see* von Apeldoorn, G. 88116
Aubreton, J. *see* Thomas, L. 70113
Aubrey, J.E. *see* Williams, J.P. 69940
Aubry, M. *see* Rao, N.A.H.K. 83968
Auch, W. Progress in fiber-optic gyro development and application 76028
Auciello, O., Gifford, K.D., Kingon, A.I. Control of structure and electrical properties of lead-zirconium-titanate-based ferroelectric capacitors produced using a layer-by-layer ion beam sputter-deposition technique 56166
Auciello, O., Kingon, A.I. A critical review of physical vapor deposition techniques for the synthesis of ferroelectric thin films 54947
Auciello, O. *see* Bellur, K.R. 56135
Auciello, O. *see* Chen, X. 56106
Auciello, O. *see* Chen, X. 93809
Auciello, O. *see* Dat, R. 56164
Auciello, O. *see* Ramesh, R. 55660
Auckland, D.W., Chengke Zhou, Pickup, I.E.D., Yung-Tsun Wu, Shuttleworth, R. The use of an artificial neural network for the detection of rotor inter-turn faults 100108
Auckland, D.W., Pickup, I.E.D., Shuttleworth, R., Zhou, C. Artificial neural network (ANN)-based machine model for transient stability studies 99465
Aucoin, L. *see* Boulais, W. 92576
Aucoin, L. *see* Bouthillette, S. 92579
Aucouturier, J.-L. *see* Rebiere, D. 66181
Aucouturier, J.L. *see* Woirgard, E. 81104
Audagnotto, P. *see* Delpiano, F. 83044
Audaire, L., Agnese, P., Rambaud, P., Pirot, M. Infrared detection by thin film ferroelectrics 87186
Audaire, L. *see* Bauer, F. 52866
Audeh, M.D. *see* Kahn, J.M. 65249
Audet, D., Savaria, Y. An architectural approach for increasing clock frequency and communication speed in monolithic WSI systems 80410
Audigier, D. *see* Richard, C. 56113
Audisio, G. *see* Vici, A.D. 51995
Audisio, S. *see* Crottier-Combe, S. 63144
Audoin, C., Giordano, V., Dimarcq, N., Cerez, P., Petit, P., Theobald, G. Properties of an optically pumped cesium-beam frequency standard with $\Phi=\pi$ between the two oscillatory fields 86838
Audoin, C. *see* Petit, P. 86861
Audoin, C. *see* Venot, D. 86870
Audone, B. Interaction between test site and amplifier nonlinearities in susceptibility tests 73394
Audouin, O. *see* Bruybre, F. 52572
Audouin, O. *see* Bruyere, F. 58420
Audouin, O. *see* Bruyere, F. 86482
Audrain, E. *see* Gibassier, C. 52535
Audretsch, D.B. *see* Acs, Z.J. 60829
Aue, V. Shrink sleeves for joining cross-linked polythene cables and low pressure oil insulated cables 59940
Auer, R.L. *see* Carpenter, R.B., Jr. 53815
Auer, T. *see* Passmann, C. 98780
Auer, U., Reuter, R., Heedt, C., Kunzel, H., Prost, W., Tegude, F.J. InAlAs/InGaAs HFET with extremely high device breakdown using an optimized buffer layer structure 56043
Auerbach, A.H., Soller, B.R., Peura, R.A. Sources of error in measuring tissue pH with microsensors 67437
Auerbach, E.H. *see* Luccio, A. 76577
Auerbach, F. *see* Aigner, R. 58875
Auerbach, F.J., Meiendres, G., Muller, R., Scheller, G.J.E. Simulation of the thermal behaviour of thermal flow sensors by equivalent electrical circuits 58721
Auerbach, J.M., Karpenko, V.P. Serrated-aperture apodizers for high-energy laser systems 56838
Auernhammer, H., Demmel, M., Muhr, T., Rottmeier, J., Wild, K. GPS for yield mapping on combines 100973
Auernheimer, B. *see* Fullner, C. 52061
Auffray, R. Thunderstorms and aircraft 77110
Auffret, R. *see* Chawki, M.J. 52509
Auffret, R. *see* Pottier, P. 82768
Auffret, R. *see* Sharaiha, A. 86521
Auge, E. *see* Gingrich, D. 53291
Auge, I. *see* Brunel, J.Y. 70228
Auge, J., Hanna, D., Auzel, F., Monerie, M., Millar, C., Potenza, M., Fake, M. Fluoride fibre amplifiers—Project GAIN/RACE II 50759
Auge, J., Hauptmann, P., Eichelbaum, F., Rosler, S. Quartz crystal microbalance sensor in liquids 66251
Auge, J. *see* Hartmann, J. 66535
Augenbraun, J.E. Strategies for multi-rate recording for a consumer digital VCR 86782
Augenstein, B.W. Why antihydrogen-and not just bare antiprotons? 87658
Auger, G., Mittig, W., Lepine-Szily, A., Fifield, L.K., Bajard, M., Baron, E., Bibet, D., Bricault, P., Casandjian, J.M., Chabert, M., Chartier, M., Ferme, J., Gaudard, L., Gillibert, A., Lewitowicz, M., Moscatello, M.H., Orr, N.A., Plagnol, E., Ricault, C., Villari, A.C.C., Yang Yong Feng A cyclotron as a high resolution mass spectrometer for fast secondary ions 98385
Auger, P.L., Najafi, S.I. Potassium- and silver-double-ion-exchanged slab glass waveguides: characterization and modeling 63432
Augis, J.A. *see* Clech, J.-P.M. 91152
Augousti, A.T., Mason, J. Temperature sensing using a hybrid optoelectronic multivibrating system under full computer control 66707
Augousti, A.T., Mason, J. Temperature measurement using a resonant hybrid optoelectronic system 87577
Augousti, A.T., Raza, A. The development of a fibre optic respiratory plethysmograph (FORP) 88377
Augousti, A.T. *see* Everington, M.L. 87226
Augousti, A.T. *see* Mason, J. 87229
Augousti, A.T. *see* Grattan, K.T.V. *(editor)* 69316
Augsburger, R. *see* Voigt, B. 80218
Augugliaro, A., Campoccia, A., Dusonchet, L. A simplified model to analyse the double fault to ground in MV networks with different earthing methods 99684
Augugliaro, A., Dusonchet, L., Mangione, S., Mocci, F. Effects of capacitor switching transients on MV compensated networks 99683
Auguin, M., Boeri, F., Carriere, C., Menez, G. Incremental synthesis of application domain specific processors 70611
Augun, A. *see* Murphy, D. 85613
Augur, R.A. Interface diffusion during electromigration in Al lines 62524
Augur, R.A. *see* Dirks, A.G. 62529
August, R.A., Phillips, G.W., King, S.E., Cutchin, J.H. 'Neutron signatures' [weapons treaty verification] 59114
August, R.A. *see* Haskins, P.S. 98613
August, R.A. *see* McKisson, J.E. 88316
August, R.A. *see* McKisson, J.E. 98727
August, S. *see* Weiss, P.L. 67457
Augusteijn, M.F., Skufca, T.L. Identification of human faces through texture-based feature recognition and neural network technology 64750
Augustin, R. *see* Michaelis, W. 86975
Augustine, F.L. *see* Barber, H.B. 98851
Augustinus, A. *see* Adam, W. 88114
Augustinus, A. *see* Adye, T.J. 98508
Augustus, P.D., Skinner, D.K., Goulding, M.R., Nigrin, S., Beanland, R. Measurement of subnanometre film thicknesses in silicon VLSI 81380
Augustynowicz, S. *see* Weisend, J.G., II 87684
Auh Geun-Sun *see* Geun-Sun Auh
Aujla, S. *see* Lord, R. 62021
Aukerman, T.A. *see* Hibbs, A.D. 82395
Aulchenko, V.M., Bukin, A.D., Klimenko, S.G., Kolachev, G.M., Leontiev, L.A., Maslennikov, A.L., Onuchin, A.P., Panin, V.S., Peleganchuk, S.V., Pivovarov, S.G., Rodyakin, V.A., Tayursky, V.A., Tikhonov, Yu.A., Yurchenko, V.I., Lanni, F., Lo Bianco, G., Maggi, B., Palombo, F., Sala, A., Cantoni, P., Frabetti, P.L., Stagni, L., Manfredi, P.F., Re, V., Speziali, V., Onuchin, A.P. Liquid krypton electromagnetic calorimeter 67341
Auld, B.A. *see* Godil, A.A. 63530

Auld, J. *see* Jones, A.C. 54954
Aull, B.F., Brown, E.R., Maki, P.A., Nichols, K.B., Palmateer, S.C., Lind, T.A. The monolithic optoelectronic transistor: a new optical neuron device 56475
Aum, P. *see* Hsu, J.-T. 62994
Aum, P. *see* Verzi, B. 62758
Aum, P. *see* Viswanathan, C.R. 50031
Aum, P. *see* Xiaoyu Li 50015
Aumala, O. *see* Jokinen, H. 75817
Aumann, H.H., Pagano, R.J. Atmospheric Infrared Sounder on the Earth Observing System 53541
Aumann, Y., Feige, U. One message proof systems with known space verifiers 73749
Aumuller, A. *see* Rych, H.-G. 78434
Aun Ng Kien *see* Ng Kien Aun
Aune, P., Fourrier, M., Mourier, G. A method for determining oscillation area in microwave tubes 62109
Aunzo, Z.P. *see* Amistoso, A.E. 53862
Aur, S., Chapman, A.A. Poly gate depletion effects on NMOS hot carrier reliability 71673
Aur, S., Chapman, R.A. Gate oxide thickness effect on hot carrier reliability in 0.35 μm NMOS device 62774
Aur, S. *see* Rodder, M. 93620
Auracher, F. *see* Batchellor, C.R. 97302
Aurand, J.F., Patterson, P.E., Frost, C.A. Bandwidth enhancement of single-shot data acquisition systems by deconvolution of system response 87031
Aurbindo, K. *see* Agarwal, A. 86595
Aureli, G. *see* Caviglia, F. 86525
Aurenhammer, F., Formann, M., Idury, R.M., Schaffer, A.A., Wagner, F. Faster isometric embedding in products of complete graphs 79566
Auret, F.D., Wilson, A., Goodman, S.A., Myburg, G., Meyer, W.E. Electrical characteristics of neutron irradiation induced defects in n-GaAs 55564
Auret, F.D. *see* Goodman, S.A. 55563
Auret, F.D. *see* Goodman, S.A. 81227
Auret, F.D. *see* Myburg, G. 81360
Auriol, P. *see* Ahmad, A. 90071
Auriol, P. *see* Kane, M. 51032
Aurud, T., Lundgaard, L.E., Telstad, T., Skyberg, B. Electric and acoustic measurements of moving particles in GIS 90317
Ausdal, A.W.Van *see* Van Ausdal, A.W.
Ausdeln, L.van *see* van Ausdeln, L.
Auslander, D.M. *see* Gibb, W.J. 77025
Auslander, E. Digital signal processing and the emerging markets of the '90s 61767
Auslander, E., Peake, G. How to optimize silicon implementation: case study of the digital cellular baseband 52401
Auslander, E. *see* Seshan, N. 58331
Auslender, M. *see* Hava, S. 82679
Auslender, V.L. ILU-type electron accelerators for industrial technologies 59009
Ausschnitt, C. *see* Ferguson, R. 71450
Ausschnitt, C.P. *see* Brunner, T.A. 71502
Ausserlechner, U., Steiner, W., Kasperkovitz, P. Vector measurement of the magnetic dipole moment by means of a vibrating sample magnetometer 76169
Ausset, P. *see* Fougeron, C. 67086
Aust, M. *see* Minot, K. 86298
Aust, M. *see* Minot, K. 97171
Aust, M.V., Alien, B., Dow, G.S., Kasody, R., Biedenbender, M., Wang, N. A low noise, high gain Q-band monolithic HEMT receiver 80828
Aust, M.V., Allen, B., Dow, G.S., Kasody, R., Biedenbender, M., Wang, N. A low noise, high gain Q-band monolithic HEMT receiver 92589
Aust, M.V. *see* Kasody, R.E. 80756
Austin, B.A. Oliver Lodge—the forgotten man of radio? 65584
Austin, B.A. Present state of electromagnetic compatibility education and prospects for the future 73369
Austin, B.A., Murray, K.P. Modelling and design of vehicle NVIS antenna systems using characteristic modes 94968
Austin, B.A. *see* Murray, K.P. 50996
Austin, B.A. *see* Murray, K.P. 57264
Austin, B.A. *see* Murry, K.P. 51218
Austin, E. *see* Lin, F. 93052
Austin, J. *see* Lam, W.K. 58304
Austin, M. *see* Lampe, D.R. 61688
Austin, M.D., Stuber, G.L. Exact cochannel interference analysis for log-normal shadowed Rician fading channels 58337
Austin, M.D., Stuber, G.L. Velocity adaptive handoff algorithms for microcellular systems 75331
Austin, M.D., Stuber, G.L. Eigen-based Doppler estimation for differentially coherent CPM 75351
Austin, R.F. *see* Wood, T.H. 52601
Austin, R.H. *see* Nguyen, D.C. 83193
Austin, R.H. *see* Sheffield, R.L. 76385
Austin, S.M. *see* Mercer, D.J. 87998
Austregesilo, H., Kirmse, R., Tiltman, M., Macek, J. Analysis of a large break LOCA in the hot leg of a WWER-1000 plant for the prediction of containment pressure 99864
Authier, M., Anfreville, M., Gosset, L., Le Bihan, D., Mangeot, P., Ouriet, J.P., Ritou, J.L., Tauzin, G. A large and light target-tracking system for the NOMAD experiment at CERN 59133
Auto, M.M. *see* de Carvalho, R.R.L. 81297
Autran, J.-L., Balland, B. A new third-level charge pumping method for accurate determination of interface-trap parameters in metal-oxide-semiconductor field-effect-transistors 62810
Autran, J.-L. *see* Raynaud, C. 55669
Autran, J.-L. *see* Raynaud, C. 81370
Auty, S.J. New EMC standards for professional audio and video equipment 94874
Auvert, G. Continuous-wave laser-assisted fabrication of microstructures in silicon microelectronics 62930
Auvray, J. *see* Michaut, C. 53195
Auweraer, M.Van der *see* Van der Auweraer, M.
Auweter-Kurtz, M. Plasma thruster development program at the IRS 99118
Auzel, F., Chen, Y., Meichenin, D. Room temperature photon avalanche up-conversion in Er-doped ZBLAN glass 73034
Auzel, F., Chen, Y.H. Experimental determination of exponential parameters for multiphonon residual absorption in a ZBLAN:Er^{3+} fibre 94417
Auzel, F. *see* Auge, J. 50759
Auzel, F. *see* Chen, Y.H. 83015
Auzel, F. *see* Meichenin, D. 72786
Auzins, E. *see* Alekseev, V. 83200
Avadhanam, N., Mitra, S. Analysis of texture images using robust fractal description 57812
Avallone, F. *see* Langella, A. 86999
Avallone, G.S. *see* Pedersen, J.F. 83883
Avaltroni, F. *see* Anzaloni, A. 96640
Avanessian, V. *see* Strumpf, H.J. 88701
Avaritsiotis, J.N. *see* Loupis, M.I. 93268
Avaritsiotis, J.N. *see* Skafidas, P.D. 66572
Avaritsiotis, J.N. *see* Skafidas, P.D. 98172
Avdeichikov, V.V., Bergholt, L., Guttormsen, M., Taylor, J.E., Westerberg, L., Jakobsson, B., Klamra, W., Murin, Yu.A. Light output and energy resolution of CsI, YAG, GSO, BGO and LSO scintillators for light ions 98537
Avedillo, M.J., Quintana, J.M., Huertas, J.L. State merging and state splitting via state assignment: a new FSM synthesis algorithm 70398
Avedillo, M.J. *see* Quintana, J.M. 80229
Avellaneda, M., Harshe, G. Magnetoelectric effect in piezoelectric/magnetostrictive multilayer (2-2) composites 82236
Avellaneda, M., Swart, P.J. Effective moduli and electro-acoustic performance of epoxy-ceramic 1-3 piezocomposites 93749
Avenell, A. *see* Tothill, P. 59367
Avent, R.K. *see* Abouzahra, M.D. 52635
Averbeck, R. *see* Gabler, A.R. 67416
Averbukh, B.B., Dembovetsky, V.V., Zavalov, Yu.N. Oscillation regimes of a fast axial-flow CO_2 laser 56638
Averbukh, J. *see* Coleman, P. 67076
Averchenkov, S.V. *see* Averchenkov, V.Ya. 59053
Averchenkov, V.Ya., Averchenkov, S.V., Loiko, T.V., Pavlovskaya, N.G., Pukhov, S.P. Durations of neutron and X-ray pulses generated in high-voltage nanosecond discharge in deuterium 59053
Averdieck, W. Air pollution: choosing the right analysis technology 99305
Averill, R., Dow, K., Enge, H., Flanz, J., Ihloff, E., Farkhondeh, M., Sibley, C. Magnetic septa design and performance for injection and extraction to and from the MIT-Bates South Hall Ring (SHR) 76689
Averill, R., Flanz, J., Ihloff, E., Tieger, D. Octupole magnet design for the 1/2 integer resonant extraction of electrons from the South Hall Ring (SHR) 76690
Averill, R., Flanz, J., Ihloff, E., Tieger, D. Ramped quadrupole design and performance for the MIT-Bates South Hall Ring (SHR) 76691
Averill, R. *see* Flanz, J.B. 76342
Averill, R. *see* Flanz, J.B. 76496
Averill, R. *see* Ihloff, E. 87649
Averill, R. *see* Sobczynski, S. 67197
Averin, D.V. Periodic conductance oscillations in the single-electron tunneling transistor 56047
Averin, D.V. *see* Korotkov, A.N. 49795
Averin, S.V., Kol', A., Myuller, R., Visser, I., Kheime, K. Quasi-Schottky barrier MSM diodes on n-$Ga_{0.47}In_{0.53}As$ using a p^+-$Ga_{0.47}In_{0.53}As$ film to increase the effective barrier height 63582
Averkiev, N.S. *see* Silov, A.Yu. 81290
Avery, R. An international cable architecture for voice, data and video 86752
Avery, R.E., Bantly, J., Blessing, S., Buchholz, D., Gobbi, B., Liu, Y., Rajagopalan, S. Performance of the Forward Drift Chambers for the DO detector 59123
Avery, R.E., Bantly, J., Blessing, S., Buchholz, D., Gobbi, B., Liu, Y., Rajagopalan, S., Tilden, R., Martin, M. Performance of 2 mm radius straw tube drift cells 59132
Avery, S.C. *see* Kramer, A. 70425
Avery, S.K. *see* Angevine, W.M. 99196
Aver'yanov, S.G., Arestova, E.L., Barinova, E.S., Dotsenko, K.A., Zarubin, A.M., Larkin, A.I., Morgunov, O.V., Ryabova, R.V., Cherkasov, M.Yu. Materials for holographic recording of tracks in a bubble chamber 83342
Avest, D.ter *see* ter Avest, D.
Avidar, B. Electronic airborne inspection method for overhead transmission power-lines 78141
Avidar, B. Computerized design of overhead transmission power lines 78144
Avignone, F.T., Brodzinski, R.L., Collar, J.I., Courant, H., Garcia, E., Guerard, C.K., Hensley, W.K., Kirpichnikov, I.V., Klimenko, A.A., Morales, A., Morales, J., Miley, H.S., Nunez-Lagos, R., Osetrov, S.B., Pogosov, V.S., Pomansky, A.A., Puimedon, J., Reeves, J.H., Ruddick, K., Saenz, C., Salinas, A., Sarsa, M.L., Smolnikov, A.A., Starostin, A.S., Tamanyan, A.G., Umatov, V.I., Vasiliev, S.I., Villar, J.A. The International Germanium Experiment (IGEX) in 1993 67288
Aviles, A.F. *see* Perez, J.M. 82896
Avilez, C. *see* Christian, D.C. 59094
Avilov, K.V., Dremuchev, S.A., Krasnoborod'ko, V.V., Selivanov, V.G. A deep-water multibeam echo sounder 67756
Avinger, H. Permissible voltage stresses in windings of inverter-fed induction motors 60213
Avins, J.Y. *see* Santoso, N.I. 78229
Aviram, A. A view of the future of molecular electronics 55494
Avis, N.J., Barber, D.C. Image reconstruction using non-adjacent drive configurations [electric impedance tomography] 67578
Avital, Z. *see* Tidhar, G. 51709
Avolio, E. *see* Filho, E.R. 54009
Avolio, E. *see* Filho, E.R. 100123
Avramescu, S. No-clean reflow machines come of age 81059
Avramescu, V. *see* Nicolaescu, D. 62080
Avramopoulos, H. *see* Huang, A. 82779
Avramov, I.D. *see* Aliev, V.S. 82221
Avramov, S., Oldham, N.M., Koffman, A.D., Gammon, R.W. Audio-frequency analysis of inductive voltage dividers based on structural models 86946
Avramov, S., Stenbakken, G.N., Koffman, A.D., Oldham, N.M., Gammon, R.W. Binary vs decade inductive voltage divider comparison and error decomposition 97796
Avrillon, S. *see* Okuno, S. 98559
Avrillon, S. *see* Saitoh, Y. 59075
Avrillon, S. *see* Saitoh, Y. 88124
Avrillon, S. *see* Saitoh, Y. 98580
Avritzer, A. *see* Jeong-Ky Min 74941
Avrons, D. *see* Reymann, D. 82391
Avrons, D. *see* Witt, T.J. 87404
Aw, Y.K., Owens, R., Ross, J. A catalog of 1-D features in natural images 51669
Awaad, Z. *see* Abdelaziz, M.E. 53279
Awad, M. *see* Saiedian, H. 96738
Awadalla, K.H. *see* Zainud-Deen, S.H. 83856
Awadelkarim, O.O., Mikulan, P.I., Gu, T., Reinhardt, K.A., Chan, Y.D. Electrical properties of contact etched p-Si: a comparison between magnetically enhanced and conventional reactive ion etching 81479
Awadelkarim, O.O. *see* Gu, T. 93379
Awadelkarim, O.O. *see* Tieer Gu 55798
Awai, I. *see* Dong, Y. 80579
Awai, I. *see* Kubo, H. 80607
Awaji, N. *see* Kishimoto, T. 67215
Awaji, N. *see* Kodaira, M. 67214
Awaji, S. *see* Watanabe, K. 82313
Awaji, S. *see* Watanabe, K. 94008
Awaka, J., Kumagai, H., Okamoto, K. Comparison of bright-band models with dual-frequency air-borne radar data 77359
Awalt, G. *see* Steeves, G. 77547
Awan, A.A., Miller, C.L. Clean coal technology: an option to meet environmental requirements both in near and long-term 78426
Awan, M.S., Maqsood, M., Maqsood, A., Arshad, M., Mirza, S.A., Siddiqui, S.A. Preparation and characterization of Bi-based single crystals of high T_c superconductors 79766
Awano, H., Ojima, M., Shimazaki, K., Ohnuki, S., Ohta, N. Write/erase cyclability of TbFeCo for mark edge recording 72119
Awano, H. *see* Kikukawa, A. 76161
Awano, M. *see* Takao, Y. 79986
Awashima, T. *see* Yamamoto, W. 82015
Awata, M. *see* Suzuki, M. 78992
Awater, G.A. *see* Linnartz, J.-P.M.G. 51788
Awater, G.A. *see* van de Vlag, H.A.B. 64940
Awaya, I. *see* Kobayashi, S. 90518
Awaya, N., Arita, Y. The characteristics of blanket copper CVD for deep submicron via filling 71428
Awaya, Y., Tanaka, N. Vegetation change detection with a Laplacian filter using Landsat data: a case study in a boreal forest-tundra transition area 77597
Awaya, Y. *see* Kravis, S. 53153
Awaya, Y. *see* Suzuki, M. 88002
Awcock, S.J., Chambers, P. Development of a digital HF modem using simulation for design development and proving 96889
Awdeh, R.Y., Mouftah, H.T. Design and performance analysis of input-output buffering delta-

based ATM switch with backpressure mechanism 85221
Awdeh, R.Y., Mouftah, H.T. A fair and simple mechanism for contention resolution in Batcher-Banyan networks 96158
Awerbuch, B., Bar-Noy, A., Gopal, M. Approximate distributed Bellman-Ford algorithms 85357
Awerbuch, B., Kutten, S., Peleg, D. On buffer-economical store-and-forward deadlock prevention 96284
Awerbuch, B., Patt-Shamir, B., Varghese, G. Bounding the unbounded [distributed computing protocols] 65044
Awes, T.C. *see* Kampert, K.-H. 98503
Aweya, J. *see* Tollefson, G. 59781
Awrach, J.M., Fiddy, M.A. Light activated logic element for optical neural network 72508
Awschalom, D.D. *see* Kikkawa, J.M. 81442
Awwal, A.A.S. Comparison of image degradation on an electro-optic display: for a raw image and on-line preprocessed edge image 85093
Awwal, A.A.S., Ahmed, F. Complex associative memory neural network model for invariant pattern recognition 57729
Awwal, A.A.S., Ahmed, J.U. Fast carry free adder design using QSD number system 55195
Awwal, A.A.S., Ahmed, J.U., Karim, M.A. Proposal for an amplitude modulated phase only joint transform correlator 57731
Awwal, A.A.S. *see* Ahmed, J.U. 55185
Awwal, A.A.S. *see* Ahmed, J.U. 72525
Awwal, A.A.S. *see* Hossain, M.M. 55186
Awwal, A.A.S. *see* Iftekharuddin, K.M. 85071
Axel, L. *see* Park, J. 76942
Axelrad, V., Boksha, V., Granik, Y., Milic, O., Rey, J., Ward, D., Tochitsky, E. Analysis of microlithography in an Open Architecture TCAD system 71510
Axelson, C. Managing intelligent networks with a better human interface 58059
Axelson, S.R.J. Three-band FMCW-radar for scatterometry measurements and surface profiling 67764
Axelsson, C., Danielsson, P.-E. Direct Fourier methods for 3D tomography reconstruction 59310
Axelsson, J., Reimann, C.T. Determining the energy response of a silicon surface-barrier detector to incident 3- to 25-keV electrons 88050
Axelsson, S.R.J. Polarimetric modelling of distributed targets using dihedral and trihedral corner reflectors 65873
Axelsson, S.R.J. Frequency modulated Doppler radar for scatterometry and surface profiling 77259
Axford, M. *see* McGuire, M. 68465
Axford, R.A. *see* North, R.C. 95559
Axner, D. Strategies for integrating LAN and legacy traffic 74935
Axner, O. *see* Ljungberg, P. 73007
Axtell, M., Ross, T., Noviskey, M. Pattern theory in algorithm design 57521
Aya, I. *see* Yamane, K. 64069
Aya, S. *see* Marumoto, K. 81603
Aya, Y. *see* Kuriyama, H. 92918
Ayadi, F., Hayes, J.F., Kavehrad, M. A WDM cross-connect star topology for the bilayered ShuffleNet 82783
Ayadi, F., Hayes, J.F., Kavehrad, M. WDM cross-connected star topology for the bilayered ShuffleNet 96938
Ayadi, F., Hayes, J.F., Kavehrad, M. Bilayered ShuffleNet: a new logical configuration for multihop lightwave networks 97274
Ayala, D.E. *see* Hermida, R.C. 76888
Ayala, M.C. *see* Martinez, H. 78180
Ayandokun, K. *see* Orton, P.A. 52926
Ayani, R. *see* Ronngren, R. 74960
Ayanogiu, E. *see* La Porta, T.F. 96780
Ayanoglu, E., Chih-Lin I, Gitlin, R.D., Bar-David, I. Analog diversity coding to provide transparent self-healing communication networks 51326
Aybay, G. *see* Nowatzyk, A. 50090
Aycock, J.N. *see* Venezia, W.A. 99401
Aydin, F.N., Trovato, S., Freer, S. A knowledge assisted computer system for isolating plant components for maintenance 68390
Aydin, K. *see* Direskeneli, H. 73347
Aydin, N., Evans, D.H. Implementation of directional Doppler techniques using a digital signal processor 76939
Aydin, N., Fan, L., Evans, D.H. Quadrature-to-directional format conversion of Doppler signals using digital methods 59359
Aydin, Z.Z., Maniev, V.M., Sultansoy, S.F. High energy γp-colliders: a new facility for elementary particle physics 98394
Aye, T. *see* Sica, L. 83355
Ayela, G., Nicot, M., Lurton, X. A new innovative multimodulation acoustic communication system 85474
Ayer, F. *see* Brown, D. 59084
Ayer, S., Schroeter, P., Bigun, J. Tracking based on hierarchical multiple motion estimation and robust regression 57791
Ayerdi, I., Castano, E., Garcia-Alonso, A., Gracia, F.J. Ceramic pressure sensor based on tantalum thin film 66191
Ayers, D. Reading RMS 87356
Ayers, W. *see* Menna, R.J. 69949
Ayers, W.R., Zambre, Y. Numerical simulation of drive induced oscillation in coupled cavity traveling wave tubes 62128
Aygolu, U., Panayirci, E. Improved error performance using partial response signaling for MPSK in fading channels 58336
Aygolu, U., Panayirci, E. New trellis line codes for HDSL with error correction capability 83994
Ayhan, H. *see* Wortman, M.A. 91088
Aykin, N.A., Cunningham, J.P., Rotella, J.P. Designing operations systems interfaces that are easy to use 85545
Ayliffe, P., Parker, J., Bertolini, S., Clapp, T., Gear, M., Harrison, P., Peall, R. The hybrid integration of optical and electronic components on silicon 72646
Aylward, R.P. VXI achieves new levels of system integration 90916
Aylward, S. *see* Bond, W.E. 99068
Aylward, S.R. *see* Anderson, R.J. 59485
Aymeloglu, S. *see* Argade, P.V. 70586
Ayoubi, M. *see* Ludwig, C. 58997
Ayres, C.F. *see* Chalker, P.R. 69929
Ayusawa, K. *see* Komazaki, T. 80646
Ayvazian, H. A new design for an EMIS-CYCLOTRON system, for direct production of gaseous PET radioisotopes 76311
Ayyagari, M., Pande, R., Jeong Ok Lim, Kamath, M., Beladakere, N., Gao, H., Marx, K., Tripathy, S., Kumar, J., Samuelson, L., Akkara, J., Kaplan, D. Biotinylated polyalkylthiophene thin films and monolayers that specifically incorporate phycobiliproteins: toward smart materials 87305
Ayyangar, K. Automatic field shaping for conformal radiation therapy 67608
Ayyar, S.G. *see* McAndrew, C.C. 62752
Azad, A.M., Larose, S., Akbar, S.A. Bismuth oxide-based solid electrolytes for fuel cells 90379
Azad, A.M., Younkman, L.B., Akbar, S.A., Alim, M.A. Characterization of TiO_2-based sensor materials using immittance spectroscopy 70173
Azad, H., Aghvami, A.H. Multirate spread spectrum direct sequence CDMA techniques 51797
Azadegan, F., Tsinberg, M., Nagoya, T., Nagashima, A., Shimoda, K., Sakazaki, Y. Data-placement procedure for multi-speed digital VCR 86791
Azaiez, M.N., Bier, V.M. Perfect aggregation in Bayesian estimation for several realistic reliability models 91231
Azais, B. *see* Bruguier, G. 71571
Azais, B. *see* Dubuc, J.P. 71774
Azais, B. *see* Hoffmann, A. 71640
Azar, J. *see* Berko-Boateng, V. 54453
Azarenkov, N.A., Kondratenko, A.N., Ostrikov, K.N. Surface waves in plasma-metal structures (review) 73459
Azari, J. *see* Ghanbari, M. 57707
Azarkevich, E.I., Didenko, A.N., Zherlitsyn, A.G., Karpushin, Yu.V., Leont'ev, A.A., Mel'nikov, G.V., Mintsev, V.B., Ushnurtsev, A.E., Fomenko, G.P., Fortov, V.E., Tsvetkov, V.I., Shneider, V.B., Yasel'skii, B.K. Generation of an electron beam and pulses of microwave radiation using the energy of chemical explosives 55506
Azarov, A.A. Noise parameters of error-signal sources in automatic tuning systems of HF-pumped CO_2 lasers 82931
Azcondo, F.J., Sanchez, P.P., Peire, J. Frequency correction and frequency locked loop for a microcomputer compensated crystal oscillator 93763
Azema, A. *see* Aboudihab, I. 63551
Azema, A. *see* Aboudihab, I. 66348
Azemard, H. TETRA - a standard for police communications 75215
Azeredo Leme, C., Malcovati, P., Baltes, H. Oversampled interface for IC sensors 97862
Azeredo Leme, C. *see* Malcovati, P. 87045
Azevedo, A., Cinbis, C., Kryder, M.H. Magnetic properties of $Y_{3-x-y}Pr_xLu_yFe_5O_{12}$ garnet films 72059
Azevedo, H.R.De *see* De Azevedo, H.R.
Azevedo, J., Martins, J.A., De Oliveira, P.G. An experimental study on voice/data integration over an Ethernet LAN 85752
Azhar, S., Badros, G.J., Glodjo, A., Kao, M.-Y., Reif, J.H. Data compression techniques for stock market prediction 57625
Azhari, A. *see* Kryger, R.A. 76754
Azimi, M. *see* Novitsky, J. 70584
Azimi-Garakani, D. An intercomparison of different passive radon detectors 88576
Azimi-Garakani, D., Langen, K., Wernli, C. Further study of the characteristics of different proton-recoil track detectors at various neutron energies 88158
Azimi-Garakani Dariush *see* Dariush Azimi-Garakani
Azimi-Sadjadi, M.R., Hongye Pan Two-dimensional block diagonal LMS adaptive filtering 84843
Azimi-Sadjadi, M.R., Stricker, S.A. Detection and classification of buried dielectric anomalies using neural networks—further results 58641
Azimi-Sadjadi, M.R. *see* Xu, L. 74507
Aziz, A. *see* Pixley, C. 91833
Aziz, A.M.Abdel *see* Abdel Aziz, A.M.
Aziz, M.A., Sobhan, M.A., Samad, M.A. Fast enumeration of every path in a reliability graph using subgraphs 54584
Aziz, N.M. *see* Desai, V.R. 53962
Azizan, M. *see* Debbagh, F. 71204
Azizi, A. *see* Altwegg, L. 52592
Azizur Rahman, M., Ruifeng Qin The starting performance of permanent magnet hysteresis synchronous motors 89909
Azkargorta, J., Iparraguirre, I., Balda, R., Fernandez, J., Denoue, E., Adam, J.L. Spectroscopic and laser properties of Nd^{3+} in BIGaZLuTMn fluoride glass 82975
Azmandian, A.R. *see* Khoshnevis, B. 90931
Azmodeh, M., Macfadyen, R.N. Multi-rate call congestion: fixed point models and trunk reservation 64904
Azorin N, J., Rubio O, J. Optical absorption and thermoluminescence of Dy^{3+}-doped $BaSO_4$ γ irradiated at room temperature 56531
Azoulay, R. *see* Raffle, Y. 91454
Azovsky, V.V., Golubev, V.S., Konovalov, V.A., Novodvorsky, O.A., Sagdeev, R.Ya., Shevelev, A.K. Topology of the potential distribution in a fast-flow CO_2 laser with crossed electrodes 56634
Azuelos, G. *see* Gingrich, D. 53291
Azukizawa, T. Persistent current analysis of superconducting coils in a linear synchronous motor for Maglev passenger transport system 69149
Azukizawa, T. Persistent current analysis of superconducting coils in an electrodynamic suspension system 78924
Azuma, A., Asamura, T., Toyoshima, Y., Kakumu, M. Precise measurement method of source and drain parasitic resistance and design guideline for scaled MOSFET 71670
Azuma, A. *see* Eguchi, T. 93420
Azuma, H. *see* Tohyama, S. 98089
Azuma, K. *see* Sato, S. 70520
Azuma, M. *see* Arita, K. 50138
Azuma, M. *see* Egusa, S. 63585
Azuma, M. *see* Fujii, E. 61721
Azuma, M. *see* Hayashi, S. 70489
Azuma, M. *see* Kobrinski, H. 85371
Azuma, M. *see* Scott, J.F. 56122
Azuma, M. *see* Scott, J.F. 61938
Azuma, M. *see* Scott, J.F. 93699
Azuma, M. *see* Sumi, T. 93798
Azuma, M. *see* Yokoi, T. 91593
Azuma, N. *see* Furuhata, T. 52692
Azuma, O. *see* Tokumoto, S. 67168
Azuma, R., Bishop, G. Improving static and dynamic registration in an optical see-through HMD 87395
Azuma, T. *see* Shirakashi, J.-I. 54906
Azuma, Y. *see* Soga, T. 100449
Azuma, Y. *see* Umeno, M. 100686
Azumai, Y., Kishimoto, K., Seo, I., Sato, H. Enhanced SHG power using periodic poling of and vinylidene cyanide/vinyl acetate copolymer 83259
Azumai, Y. *see* Sato, H. 72735
Azzam, R.M.A. *see* Kan'an, A.M. 72544
Azzam-ul-asar, McDonald, J.R. A modularized artificial neural network approach to short term load forecasting 78038
Azzarelli, A. *see* Elia, C. 86656
Azzerboni, B., Cardelli, E., Esposito, N., Raugi, M., Tellini, A. Three dimensional electromagnetic field due to electric discharge by an analytical approach 83432
Azzi, H., Kaye, R.J. Decentralised coordination of power system storage using pricing signals 99466
Azzi, P. *see* Amidei, D. 98639
Azzini, G.A. *see* Montangero, P. 56744
Azzoni, P.M. *see* Rizzoni, G. 60573

B, E.Bodtker *see* Bodtker B, E.
B-Shiou Chiou, Jen-Chiun Cheng Effect of the cooling rate on the mechanical and electrical behaviour of a 63 Sn/37 Pb solder bump on a metallized Si substrate 79356
Ba, A.O. *see* Do, X.D. 90073
Ba, B., Cachet, H., Fotouhi, B., Gorochov, O. Orientation-dependent electronic properties of n-type GaAs in contact with various redox systems in acetonitrile and methanol 71259
Ba Enxu *see* Chang Shengjiang 56627
Ba-Razzouk, A. *see* Tou, M. 68864
Baak, D.A.Van *see* Van Baak, D.A.
Baake, B. New activities in telecommunications in the electricity supply industry 89080

Baake, E., Muhlbauer, A., Westphal, E. Current technological status and development trends in inductive melting 69254
Baaklini, G.Y. Advanced composites characterization with X-ray technologies 55020
Baars, G.E.van *see* van Baars, G.E.
Baars, J., Brink, D. Nondestructive characterization of $Hg_{1-x}Cd_xTe$ layer structures by magneto-thermoelectric measurements 62162
Baars, J. *see* Sofo, J.O. 81221
Baars, J.W.M., Greve, A., Hein, H., Morris, D., Penalver, J., Thum, C. Design parameters and measured performance of the IRAM 30-m Millimeter Radio Telescope 58526
Baartman, R., Kleeven, W. A canonical treatment of the spiral inflector for cyclotrons 98431
Baartman, R. *see* Kleeven, W. 98432
Baartmans, A.H., Lin, C., Jau-Shyong Shiue, P. On a criterion for symmetric Hadamard matrices 61175
Baas, J.B., Melbye, H.E. A predictor algorithm for off-track read capability 50326
Baaziz, N., Labit, C. Multiconstraint Wiener-based motion compensation using wavelet pyramids 84777
Baba, E. *see* Hu, S. 69096
Baba, F. *see* Tamura, T. 61761
Baba, H. *see* Matsumoto, H. 67116
Baba, H. *see* Sotome, H. 86427
Baba, H. *see* Yuge, N. 91414
Baba, I., Konno, T., Yoshida, Y., Koike, T., Yoshida, Y., Fukui, T., Yoshida, Y. Multi chip module for the RISC microprocessor 60969
Baba, K., Ohta, K., Hayakawa, M. Propagation characteristics of tweek atmospherics below anisotropic and inhomogeneous ionosphere models 83649
Baba, K., Rajhi, A., Takagi, T. A broad-band time-domain spectroscopy 87468
Baba, K., Takagi, T. A broad-band time-domain spectroscopy for biological study of electromagnetic absorption 97776
Baba, K. *see* Hayakawa, M. 64141
Baba, K.-i., Saito, T., Murata, M., Miyahara, H. Comparative evaluation of band management systems considering multichannels in ATM networks 96468
Baba, K.-i., Saito, T., Murata, M., Miyahara, H. Performance evaluation of file transfer under multimedia environment in ATM networks 96792
Baba, M. *see* Matsui, S. 71546
Baba, M. *see* Matsuyama, S. 87767
Baba, N. *see* Miura, N. 57701
Baba, S., Yokoyama, M., Shinozaki, T., Tsutsumi, Y., Shimizu, Y., Takahashi, Y., Sakaguchi, T., Ohtsuka, K., Gotoh, Y., Sugimoto, S., Iida, M., Tanaka, H. Hardware technology of NEC Office Server System 7200 series 85669
Baba, S. *see* Morinaga, M. 50862
Baba, S. *see* Ohtsuchi, T. 88441
Baba, S. *see* Sawamura, T. 67363
Baba, T., Yogo, Y., Suzuki, K., Koyama, F., Iga, K. Continuous wave GaInAsP/InP surface emitting lasers with a thermally conductive MgO/Si mirror 56774
Baba, T., Yogo, Y., Suzuki, K., Koyama, F., Iga, K. Surface-emitting lasers of low-threshold 1.3 μm GaInAsP-InP circular planar-buried heterostructure 94530
Baba, T. *see* Intani, D. 65773
Baba, T. *see* Kamemaru, S. 51581
Baba, T. *see* Matsuda, K. 86086
Baba, T. *see* Matsuyama, T. 100579
Baba, T. *see* Mukaihara, T. 50569
Baba, T. *see* Uemura, T. 50042
Baba, T. *see* Uemura, T. 93352
Baba, Y., Fujiwara, H., Kusakabe, T., Konishi, Y. A theoretical concept of proposed multiplexer with coupled quarter wave distributed lines in high dielectric material 58255
Babaev, M.B., Golubev, A.N. Microprocessor control system for an asynchronous electric drive with a high-frequency asynchronous motor 60492
Babaev, T.Sh. *see* Alifertsev, O.N. 79897
Babaev, V.G. *see* Guseva, M.B. 70082
Babak, L.I. Computer-aided synthesis of corrective one-port networks of high-frequency and microwave semiconductor devices. Part 1. Determination of the allowable regions and optimal values of the immitance of corrective one ports 61485
Babak, L.L. Computer-aided synthesis of twopole compensating circuits of the HF and SHF semiconductor devices. Part 2. Synthesis of compensating twopoles within the immitance regions 70236
Babalis, C. Experience with multi-hub and multi-format TV network distribution 97533
Babayev, D.A., Mardanov, S.S. Reducing the number of variables in integer and linear programming problems 54706
Babayev, D.A., Mardanov, S.S. Sequential and simultaneous aggregation of diophantine equations 61119
Babb, J. *see* Dahl, M. 70603
Babb, M. Motor protection struggles to keep up with the times 78535
Babb, M. DCS combines process control, motor drives into one system 100794
Babb, R.J. Instrumentation for a low drag hydrodynamic test vehicle 97801
Babbitt, H.S., III *see* Chu, A. 92582
Babbitt, W.R. Optical coherent transient memory systems 56306
Babbitt, W.R., Mossberg, T.W. Quasi-two-dimensional time-domain color memories: process limitations and potentials 94050
Babcock, J.A., Feldbaumer, D.W., Mercier, V.M. Polysilicon resistor trimming for packaged integrated circuits 93540
Babenko, E., Jobe, R.K., McCornick, D., Seeman, J.T. Length monitor for 1 mm SLC bunches 76589
Babentsov, V.N. *see* Sochinskii, N.V. 81455
Babiarz, A.J. Improving dispensing process accuracy and repeatability without degrading total production time 81035
Babic, B. *see* Balkoski, D. 68127
Babic, D.I., Dudley, J.J., Streubel, K., Mirin, R.P., Hu, E.L., Bowers, J.E. Optically pumped all-epitaxial wafer-fused 1.52 μm vertical-cavity lasers 56741
Babic, D.I., Dudley, J.J., Streubel, K., Mirin, R.P., Hu, E.L., Bowers, J.E. Optically-pumped all-epitaxial wafer-fused 1.52-μm vertical-cavity lasers 56808
Babic, D.I. *see* Dudley, J.J. 56807
Babic, D.I. *see* I-Hsing Tan 55658
Babic, D.I. *see* I-Hsing Tan 87184
Babic, D.I. *see* Schramm, J.E. 55823
Babic, D.I. *see* Yang, L. 55693
Babic, E., Sabolek, S. Nonhysteretic M-H loops in amorphous ribbons carrying alternating currents 71953
Babic, E. *see* Dou, S.X. 63273
Babich, E. *see* Paraszczak, J. 93255
Babich, L.P., Kutsyk, I.M. Influence of the addition of xenon on the discharge and lasing characteristics of a TEA CO_2 laser 72699
Babichenko, A.M. *see* Bernhardt, P.A. 51114
Babichev, A.P., Babulevich, N.E., Lazarev, S.D., Yakimov, S.S. MIS sensor for investigation of mechanical properties of metals 66521
Babichev, G.G., Zhad'ko, I.P., Kozlovskii, S.I., Kucheruk, A.D., Romanov, V.A. Effect of packaging of integrated strain transducers on the magnitude and temperature dependence of their strain sensitivity 97945
Babichev, R.K., Babicheva, G.V., Zubkov, V.I., Ivanov, V.N. Radiation resistance of a symmetrical double-strip line on the surface of a ferrite substrate magnetized along the strips 92463
Babicheva, G.V. *see* Babichev, R.K. 92463
Babij, J. *see* Krolikowski, C. 90255
Babiker, S. *see* Barker, J.R. 71271
Babiloni, C. *see* Babiloni, F. 76988
Babiloni, F., Babiloni, C., Cecchi, L., Onorati, P., Salinari, S., Urbane, A. Statistical analysis of topographic maps of short-latency somatosensory evoked potentials in normal and parkinsonian subjects 76988
Babin, A., Feldshtein, F., Kiselev, A., Korytin, A., Sergeev, A., Zakharov, Yu. Solid-state tunable laser for space-and-time-domain holography 73150
Babin, S.V. A techniques for determination of the absorbed energy density function in electron beam lithography 81610
Babin, S.V. *see* Agafonov, Yu.A. 50568
Babine, A. *see* Siders, C.W. 73112
Babinski, A., Wysmolek, A., Baranowski, J.M. Splitting of the metastable EL2 acceptor state 92955
Babkin, A.V. *see* Alles, H. 58860
Babkin, V.F. *see* Kasperovich, L.V. 85166
Baboiu, D.-M. *see* Ciumac, M. 94160
Baboiu, D.-M. *see* Mihalache, D. 50923
Baboiu, D.-M. *see* Mihalache, D. 56389
Baboiu, D.-M. *see* Mihalache, D. 72376
Baboiu, D.-M. *see* Mihalache, D. 73438
Babot, D. *see* Zhu, P. 87533
Baboulet, J.P. *see* Vie, M. 71549
Babrauskas, V., Parker, W.J., Mulholland, G., Twilley, W.H. The phi meter: a simple, fuel-independent instrument for monitoring combustion equivalence ratio 76248
Babu, B.N.S., Guella, T.P. Effect of antenna aircraft interaction on phased-array radar performance 95027
Babu, B.N.Suresh *see* Suresh Babu, B.N.
Babu, G.P. *see* Kumar, G.P. 58053
Babucci, E. *see* Adam, A. 88087
Babucci, E. *see* Adam, A. 88102
Babucci, E. *see* Ambrosi, G. 53302
Babulevich, N.E. *see* Babichev, A.P. 66521
Babusci, D., Pelliccioni, M. A dose comparison between gas bremsstrahlung and single beam-beam bremsstrahlung at high luminosity e^+e^- storage rings 67254
Babus'Haq, R.F., Probert, S.D. Combined heat-and-power market-penetration in the UK: problems and opportunities 78347
Babus'Haq, R.F. *see* Kovacsics, I. 53909
Babushkin, G.I., Ershov, A.G., Mitel'man, M.V. Electric drives and progress in metallurgy 60635
Baca, A.G., Zipperian, T.E., Howard, A.J., Klem, J.F., Tigges, C.P. Thermodynamically stable p-channel strained-layer AlGaAs/InGaAs/GaAs heterostructure field effect transistor 71734
Baca, A.G. *see* Sherwin, M.E. 71710
Baca, A.G. *see* Sherwin, M.E. 81953
Baca, A.G. *see* Zolper, J.C. 71727
Baca, M.C.de *see* de Baca, M.C.
Bacal, M. *see* Belchenko, Yu.I. 53194
Bacal, M. *see* Michaut, C. 53195
Bacal, M. *see* Michaut, C. 53273
Baccaglioni, G., Canali, M., Rossi, L., Sorbi, M. Measurements of quench velocity in adiabatic NbTi and NbSn coils. Comparison between theory and experiments in small model coils and large magnets 72272
Baccaglioni, G., Fabbricatore, P., Garre, R., Musenich, R., Parodi, R., Rossi, L., Volpini, G. Critical current measurements of the cable for the superconducting dipole prototypes for the Large Hadron Collider 87617
Baccaglioni, G. *see* Acerbi, E. 63871
Baccaglioni, G. *see* Fabbricatore, P. 82476
Baccala, L.A., Roy, S. A new blind time-domain channel identification method based on cyclostationarity 73997
Baccarani, G. *see* Ciampolini, P. 62645
Baccarani, G. *see* Leone, A. 93301
Baccarani, G. *see* Pierantoni, A. 49943
Baccarani, G. *see* Tanaka, K. 49945
Baccash, C.O. *see* Hamilton, W.J. 88060
Baccash, C.O. *see* Hamilton, W.J. 98576
Baccelli, F., Foss, S. Ergodicity of Jackson-type queueing networks 79541
Bacchetta, N., Bisello, D., Da Ros, R., Giraldo, A., Gotra, Yu., Paccagnella, A., Verzellesi, G. Punch-through characteristics of FOXFET biased detectors 88106
Bacchetta, N., Bisello, D., Da Ros, R., Giraldo, A., Gotra, Yu., Paccagnella, A., Verzellesi, G. Punch-through behaviour of FOXFET biased detectors 93447
Bacchetta, N., Bisello, D., Gotra, Y., Paccagnella, A., Verzellesi, G., Canali, C., Fuochi, P.G. Degradation of silicon AC-coupled microstrip detectors induced by radiation damage 76768
Bacchetta, N. *see* Amidei, D. 98639
Bacci, C., Belli, P., Bernabei, R., Dai Changjiang, Ding Linkai, Di Nicolantonio, W., Gaillard, E., Gerbier, G., Kuang Haohuai, Incicchitti, A., Mallet, J., Mosca, L., Prosperi, D., Tao, C. A search for strongly interacting massive particles with NaI scintillators 67317
Bacci, C. *see* Belli, P. 67346
Bacci, C. *see* Furetta, C. 72580
Bacci, C. *see* Moers, T. 67364
Bacci, C. *see* Scacco, A. 72581
Bacci, M. *see* Del Bianco, A. 58899
Baccigalupi, A., Daponte, P., D'Apuzzo, M. An improved error model of data acquisition systems 75869
Baccigalupi, A., Daponte, P., Grimaldi, D. On a circuit theory approach to evaluate the stray capacitances of two coupled inductors 92650
Baccigalupi, A. *see* Arpaia, P. 96602
Baccus, B. *see* Senez, V. 93157
Bacelar, A., Neyran, B., Gimenez, G. 3-D reconstruction from orthogonal views of an object 95855
Bacelar, J.C. *see* Schotanus, P. 88324
Bacelar, J.C. *see* Schotanus, P. 98733
Bach, B.W. *see* Evenson, K.M. 72682
Bach, C., Grebe, A. Comparison and performance evaluation of CRMA-II and ATMR 51820
Bach, H.-G. *see* Kunzel, H. 56023
Bach, H.-G. *see* Kunzel, H. 93507
Bach, H.G. *see* Kraak, W. 71162
Bach, K.G. *see* Evenson, K.M. 72682
Bacha, S., Brunello, M., Hassan, A. A general large signal model for symmetric switching converters 78697
Bachelier, P., Gillet, M.P., Miericke, J.L. Cockpit evolution due to new ATM concepts 88714
Bachem, K.H. *see* Bacumler, M. 81243
Bachem, K.H. *see* Riepe, K. 80751
Bachenko, J., Daugherty, J., Fitzpatrick, E. A parser for real-time speech synthesis of conversational texts 53475
Bacher, G., Daiminger, F., Forchel, A., Waag, A., Litz, T., Landwehr, G. Many body effects in transient luminescence spectra of a homogeneous electron-hole plasma in CdTe/CdMnTe quantum wells 63559
Bacher, G. *see* Illing, M. 63558
Bacher, G. *see* Waag, A. 63799
Bacher, P., Berbey, P. EUR, a European utility requirement document for future LWR power stations 89535
Bachevskij, R. *see* Zakharko, E. 64641
Bachli, A. *see* Bogli, U. 48975
Bachli, A. *see* Zehnder, T. 48979
Bachmair, H., Funck, T., Hanke, R., Lang, H. Realization and maintenance of the unit of capacitance with the PTB cross capacitor during the last ten years 86827
Bachman, D.A. *see* Leung, K.N. 76734
Bachman, J.E. *see* Way, J. 67918

Bachmann, C.M., Musman, S.A., Dong Luong, Schultz, A. Unsupervised BCM projection pursuit algorithms for classification of simulated radar presentations 57858
Bachmann, D., Honeyman, P., Huston, L.B. The Rx Hex [AFS remote procedure call package] 74922
Bachmann, K.J., Xing, G.-C., Scroggs, J.S., Tran, H.T., Ito, K., Castleberry, H., Wood, G. Heteroepitaxy of wide bandgap ternary semiconductors 61265
Bachmann, K.J. *see* Habermehl, S. 91485
Bachmann, K.J. *see* Liu, J. 62051
Bachmann, M., Besse, P.A., Melchior, I. General self-imaging properties in N×N multimode interference couplers including phase relations 63472
Bachmann, M. *see* Besse, P.A. 72416
Bachmann, M. *see* Brenner, T. 82620
Bachmann, T. *see* Muller, P. 49867
Bachmann, T. *see* Schutte, F. 75186
Bachmor, R. *see* Schweppe, E.-G. 62096
Bachtold, R. Overcurrent protection in accordance with Swiss Standard SEV1000-1 (NIN) 89364
Bachtold, W. *see* Knop, W. 50828
Bachtold, W. *see* Thomas, K.M. 71740
Bachurin, V.V., Solov'ev, I.Yu. An approach to the development of a method for determining the coordinates of an acoustic emission signal source 54999
Bachus, E.J. Transparency in optical networks 52482
Back, B.B. *see* Wuosmaa, A.H. 67386
Back, P. *see* Eccles, C.D. 59348
Back, T. Optimal mutation rates in genetic search 57378
Backensto, E.M. Patient-specific platinum intracranial electrodes as a diagnostic tool in the surgical treatment of the epilepsies 76985
Backer, D.C. *see* Kapadia, A.A. 70752
Backes, R. *see* Winterer, M. 70626
Backfrieder, W. *see* Gurker, N. 98859
Backlund, J.C. NO_x control in cogeneration plant 68467
Backlund, Y. *see* Rosengren, L. 56502
Backlund, Y. *see* Rosengren, L. 67440
Backman, J., Karjalainen, M. Modelling of human directional and spatial hearing using neural networks 76870
Backman, J. *see* Karjalainen, M. 75801
Backstrom, M.G. *see* Jansson, M.C.O. 83614
Backus, K. *see* Maly, W. 55206
Baclet, P. *see* Acher, O. 98267
Bacon, J. *see* Li, G. 96731
Bacquet, G. *see* Melendez, J. 93040
Bacrania Kantilal *see* Kantilal Bacrania
Bacumler, M., Larkins, E.C., Bachem, K.H., Bernklau, D., Riechert, H., Ralston, J.D., Jantz, W. Influence of substrate dislocations on epitaxial layers studied by photoluminescence microscopy and topography 81243
Badach, A. DP and telecom integration in global corporate networks on the way to ATM. 1 85443
Badach, A. DP and telecommunication integration in global corporate networks on the way to ATM. 2 85815
Badal, D.Z. Neural network based object recognition in images 64805
Badalyan, V.G., Bazulin, E.G., Vopilkin, A.Kh., Tikhonov, D.S. Application of mode-converted waves for the imaging of vertical cracks from multifrequency digital acoustic holograms 55006
Badan, J. *see* Josse, D. 73006
Badano, L. *see* Akchnrin, N. 66847
Badaud, F. *see* Ariztizabal, F. 98518
Badawi, M. *see* Hassan, G.E. 61378
Badawi, M.H. *see* Hassan, G.E. 69005
Bade, S.L., Hutchings, B.L. FPGA-based stochastic neural networks—implementation 70416
Badea, E.A., Pissanetzky, S. Infinite elements for cylindrical geometries 73197
Badenhorst, M., Ferreira, J.A., van Wyk, J.D., Schoeman, J.J. An optimal configuration for a 6 kW DC to AC converter with ultrasonic AC link 60583
Bader, B. *see* Fischerauer, G. 75264
Bader, F.E. *see* Clech, J.-P.M. 91152
Bader, F.E. *see* Noctor, D.M. 92680
Bader, G. *see* Saniter, J. 74967
Bader, G. *see* Saniter, J. 86404
Bader, J. *see* Shale, R. 65962
Bader, K.O. The 'integrated' automation system—what requirements are mandatory? 97556
Bader, K.O. Training in new technologies—a common effort for industry and end users [audio broadcasting] 97565
Bader, M.E. *see* Strasser, G. 61369
Badescu-Singureanu, A.I. *see* Schachter, L. 67737
Badger, D.M. *see* Wignot, L.S. 86759
Badgett, W., Burkett, K., Campbell, M., Wu, D.Y., Denby, B., Lindsey, C., Blair, R., Kuhlmann, S., Romano, J. A neural network calorimeter trigger used in CDF 74345
Badgwell, T.A., Breedijk, T.T., Bushman, S.G., Butler, S.W., Chatteriee, S., Edgar, T.F., Toprac, A.J., Trachtenberg, I. Modeling and control of microelectronics materials processing 93553
Badics, Z., Komatsu, H., Matsumoto, Y., Aoki, K., Nakayasu, F., Miya, K. A thin sheet finite element crack model in eddy current NDE 80003
Badics, Z., Komatsu, Z., Mototsuji, H., Aoki, K., Nakayasu, F., Miya, K. Numerical simulation of probe-crack interaction of three-dimensional NDE models 80011
Badics, Z. *see* Preis, K. 49681
Badics, Z. *see* Preis, K. 79738
Badida, S. *see* Qiong Yu 92831
Badie, C., Castel, C., Duffaut, O. Towards a general multi-model-based methodology for diagnosis systems 52765
Badier, J., Busson, P., Charlot, C., Dobrzynski, L., Tanaka, R., Bordalo, P., Ramos, S., Bityukov, S., Obraztsov, V., Ostankov, A., Zaitchenko, A., Gninenko, S., Guschin, E., Issakov, V., Mussienko, Y., Semenjuk, I. Shashlik calorimeter beam-test results 87982
Badin, F., Maillard, P., Jammal, A., Grellet, G. Simulation software for EV drivetrain 54200
Badino, G. *see* Aglietta, M. 67318
Badique, E. *see* Trew, T.I.P. 85569
Badoz, P.A. *see* Sagnes, I. 66361
Badoz, P.A. *see* Sagnes, I. 75989
Badoz, P.A. *see* Sagnes, I. 97996
Badoz, P.A. *see* Warren, P. 93099
Badr, M.A., Saleh, K.I., Ahmed, S.M. Design of power system stabilizers using the pole placement technique 89104
Badr, N., White, I.H., Tan, M.R.T., Houng, Y.M., Wang, S.F. Enhanced polarisation self-switching in a vertical-cavity surface-emitting laser by gain saturation of transverse modes 72900
Badran, H.F., Mouftah, H.T. ATM switch architectures with input-output-buffering: effect of input traffic correlation, contention resolution policies, buffer allocation strategies and delay in backpressure signal 64936
Badran, H.F., Mouftah, H.T. Input-output-buffered ATM switches with delayed backpressure mechanisms 96157
Badrinath, B.R., Acharya, A., Imielinski, T. Structuring distributed algorithms for mobile hosts 65070
Badrinath, B.R., Bakre, A., Imielinski, T., Marantz, R. Handling mobile clients: a case for indirect interaction 96722
Badrinath, B.R. *see* Imielinski, T. 65344
Badros, G.J. *see* Azhar, S. 57625
Badruzzaman, S. *see* Ramirez-Angulo, J. 70790
Badulak, G.T. *see* Delavaux, J.M.P. 56730
Badwal, S.P.S. *see* Ciacchi, F.T. 90378
Badziag, P. *see* Verwoerd, W.S. 61312
Bae, J., Jung-Chih Chiao, Mizuno, K., Rutledge, D.B. Metal mesh couplers using optical tunneling effect at millimeter and submillimeter wavelengths 80628
Bae, J.D. *see* Cho, K.Y. 100098
Bae, M.H. *see* Chang, S.H. 98788
Bae, S.-J. *see* Cho, C.-H. 80587
Bae Chough Kyung *see* Kyung Bae Chough
Bae Gwi-Nam *see* Gwi-Nam Bae
Bae Jae Hwui *see* Jae Hwui Bae
Bae Jang Keun *see* Jang Keun Bae
Bae Jongsuck *see* Jongsuck Bae
Bae Jongwoo *see* Jongwoo Bae
Bae Keun Sung *see* Keun Sung Bae
Bae Kim Sang *see* Sang Bae Kim
Bae Kim Sung *see* Sung Bae Kim
Bae Lim Geun *see* Geun Bae Lim
Bae Park Jeong *see* Jeong Bae Park
Bae Park Jin *see* Jin Bae Park
Bae Park Sang *see* Sang Bae Park
Bae Sang-Man *see* Sang-Man Bae
Bae Sanghoon *see* Sanghoon Bae
Bae Yi Sang *see* Sang Bae Yi
Bae Young Ho *see* Young Ho Bae
Bae Zong-Tae *see* Zong-Tae Bae
Baechtold, W. *see* Bergamaschi, C. 56017
Baeder, B.T., Osborn, C.T., Rhea, J.L. Low cost navigation technology investigation for the unmanned ground vehicle program 67943
Baeg, M. *see* Luo, R.C. 94704
Baeg Sanghyeon *see* Sanghyeon Baeg
Baehr, O. *see* Bath, A. 48983
Baek Hyung-Lae *see* Hyung-Lae Baek
Baek Jong Seob *see* Jong Seob Baek
Baek Jong-Hyob *see* Jong-Hyob Baek
Baek Kwang-Churn *see* Kwang-Churn Baek
Baek Yong Ku *see* Yong Ku Baek
Baek-Sop Kim *see* Dae Keuk Kim 95157
Baen, P.R. The value of controls and monitoring for electrical heat tracing 59875
Baenziger, M. *see* Gupta, S. 68260
Baer, D.S. *see* Arroyo, M.P. 76054
Baer, E. *see* Baker, A. 92225
Baerdemaeker, J.De *see* De Baerdemaeker, J.
Baerg, B., Crandall, R., Wu, K. Wide line, low current electromigration in Al-Cu metallization with refractory underlayer 62517
Baeri, P. *see* Calcagnile, L. 81427
Baers, L.B., Gutierrez, T.R., Mendoza, R.A.C., Santana, G.J. Use of higher order signal moments and high speed digital sampling technique for neutron flux measurements [reactor] 87973
Baert, A.L. *see* Bellon, E. 85614
Baert, A.L. *see* Bellon, E. 88473
Baertsch, R.D. *see* Garverick, S.L. 98689
Baerwind, H.U. *see* Werner, M. 81345
Baets, J.de *see* de Baets, J.
Baets, R. *see* Blondelle, J. 94289
Baets, R. *see* Dobbelaere, G. 94639
Baets, R. *see* Moerman, I. 83086
Baets, R. *see* Morthier, G. 50840
Baets, R.G.F. *see* de Vreede, L.C.N. 55424
Baets, R.G.F. *see* de Vreede, L.C.N. 93322
Baetselier, E.De *see* De Baetselier, E.
Baetz, W. *see* Holzapfel, W. 75649
Baeumler, M. *see* Flemig, G.W. 79865
Baev, V.P., Berezin, G.L., Buyanov, Yu.L., Kir'enin, I.A., Trifonov, E.S., Sheinkman, V.S. Superconducting magnetic system with variable winding inductance 93974
Baev, V.P. *see* Lin, L.Z. 94024
Baev, V.P. *see* Yan, L.G. 90456
Baez-Lopez, D., Jimenez-Lopez, E., Alejos-Palomares, R., Ramirez, J.M. Software for teaching design and analysis of analog and digital filters 55322
Baez-Lopez, D. *see* Garcia-Flores, R. 92352
Bafleur, M. *see* Puig Vidal, M. 49176
Bafutto, M. Modelling and performance evaluation of the intelligent network application protocol 52249
Bafutto, M., Kuhn, P.J., Willmann, G. Capacity and performance analysis of signaling networks in multivendor environments 51877
Baga, J. *see* Hua Yang 77067
Bagaev, S.N. *see* Kaminskii, A.A. 94438
Bagaeva, T.Yu., Popov, V.V., Solodskaya, T.I. Effect of electron-plasmon scattering on the transport characteristics of hot electrons in degenerate GaAs 92944
Bagai, I., Jain, K. Improvement, deterioration, and optimal replacement under age-replacement with minimal repair 61025
Bagai, R.K., Yadava, R.D.S., Sundersheshu, B.S., Seth, G.L., Anandan, M., Borle, W.N. A study on contaminations during bulk growth of CdTe crystals 48901
Bagayev, S.N. Progress towards mobile ultra-stable lasers 82993
Bagayev, S.N., Dmitriyev, A.K., Klementyev, V.M., Ohm, A.E., Okhapkin, M.V., Pokasov, P.V., Timchenko, B.A., Zakharyash, V.F. New results of absolute measurement of unperturbed frequency of $F_2^{(2)}$ P(7)ν_3-transition in methane with accuracy of 10^{-13} 86882
Bagayev, S.N., Dmitriyev, A.K., Ohm, A.E., Pokasov, P.V., Skvortsov, B.N. Portable He-Ne/CH_4 frequency standard on cold particles 86876
Bagby, J. Spectral domain analysis of coupled microstrip transmission lines 83742
Bagchand, S. *see* Lightstone, M. 49550
Bagchi, A., Hakimi, S.L. Information dissemination in distributed systems with faulty units 65261
Bagchi, A., Schmeichel, E.F., Hakimi, S.L. Gossiping with multiple sends and receives 57943
Bagchi, A. *see* Lakshman, T.V. 58415
Bagchi, K. *see* Yeh, G.K. 91733
Bagchi, K.K. *see* Koch, P. 55282
Bagdasarov, R.E. *see* Lititskii, V.A. 99030
Bagerman, E. *see* van Gestel, H.C.J.M. 91011
Bagerman, E. *see* van Gestel, R. 91027
Baggaley, A., Bishop, M., Clarke, J.H.R., Davis, L.E., King, T.A., Leigh, D.A., Mayers, F.R., Mohebati, A., Munn, R.W., Shabat, M.M., Szczur, O., West, D., Williams, J.O. Design of Langmuir-Blodgett films for nonlinear optics 56904
Bagge, L. *see* Abrahamsson, K. 76307
Bagge, L. *see* Danared, H. 67255
Baggenstoss, P.M. Active sonar processing for shallow water 86608
Bagger, C. *see* Knudsen, P. 60438
Baggia, P., Fissore, L., Giachin, E., Micca, G., Rullent, C., Laface, P. A speech understanding system for information retrieval 64389
Baggia, P., Gerbino, E., Giachin, E., Rullent, C. Real-time linguistic analysis for continuous speech understanding 51422
Baggia, P., Rullent, C. Partial parsing as a robust parsing strategy 64336
Baggia, P., Rullent, C. Partial parsing as a robust parsing strategy 73861
Baggia, P. *see* Gerbino, E. 73864
Baggini, A. Coaxial shunts for heavy transient current measurements 53010
Baggio, J. *see* Bruguier, G. 71571
Baggs, R., Church, E., Cook, V., Coward, D., Coxe, R., Curtis, K., Davis, R.S., Dyke, J., Foland, A., Frey, R., Freytag, D., Gladding, G., Izen, J.M., Johnson, R.A., King, M.E., Lockman, W., Niemi, G., Putallaz, G., Schindler, R.H., Stoker, D.P., Toevs, F., Vokurka, E., Weiss, E. Performance of a longitudinally-segmented CsI(Tl) array suitable for a detector in a low or medium energy e^+e^- storage ring 76791
Baghai-Ravary, L., Beet, S.W., Tokhi, M.O. Flow-based prediction: a method for improved speech recognition 64348
Baghai-Wadji, A.-R. *see* Reichinger, H. 82223
Baghai-Wadji, A.R. *see* Reichinger, R.P. 93829
Baghai-Wadji, A.R. *see* Zidek, H.P. 56191
Baghai-Wadji, A.R. *see* Zidek, H.P. 93828

Bagheri, B., Ilin, A., Scott, L.R. Parallel 3-D MOSFET simulation 49994
Bagherzadeh, N. *see* Kavianpour, A. 64865
Bagherzadeh, N. *see* Kavianpour, A. 96102
Bagherzadeh, N. *see* Shoari, S. 84606
Baghzouz, Y. *see* Filipski, P.S. 77802
Baghzouz, Y. *see* Kingston, R. 68073
Baghzouz, Y. *see* Kingston, R. 89261
Baghzouz, Y. *see* Misra, N. 59773
Bagiev, G.L. International issues of power generation for industry 99812
Bagini, V. *see* Gori, F. 50999
Bagini, V. *see* Palma, C. 83241
Bagini, V. *see* Schirripa Spagnolo, G. 57022
Baginski, M.E., Jarriel, G.W., Jr. Characterization of thunderstorm induced Maxwell current densities in the middle atmosphere 64096
Baginski, T.A. *see* Hebderson, J.H. 69299
Baginski, T.A. *see* Henderson, J.H. 69300
Baginsky, I.L., Kostsov, E.G. Information writing mechanisms in thin-film MFIS-structures 55661
Bagirov, A.M. On continuous approximation of maximum-function subdifferential 48834
Bagley, C. *see* Luther, G.G. 86978
Bagley, H. *see* Kirsch, J.C. 50596
Baglia, D. *see* Matthes, R.W. 66308
Baglin, C., Bussiere, A., Chiavassa, E., Dellacasa, G., DeMarco, N., Gallio, M., Gorodetzky, P., Grosdidier, B., Guaita, P., Lazic, D., Liaud, P., Mazini, R., Musso, A., Piccotti, A., Scomparin, E., Vercellin, E. A new concept hadronic sampling calorimeter 59083
Baglin, V., Haseroth, H., Knott, J., Chautard, F. High gradient experiments with nanosecond pulses 76380
Bagnaia, P., Bizzarri, R., Cesaroni, P., Giorgieri, C., Gentile, S., Lunadei, G., Pascale, G. The operation of the upgraded L3 energy trigger 53349
Bagnasco, E., Burgassi, M., Castelli, P. A TMN approach to traffic control in B-ISDN 58214
Bagnasco, E., Giganti, P.L., Gavi, L. TMN reference configurations: from network to service management 74840
Bagnasco, E., Giganti, P.L., Gavi, L. TMN reference configuration: From network to service management 85505
Bagnasco, E. *see* Gianfranceschi, L. 85507
Bagnoli, G., Listanti, M., Winkler, R. Traffic control for best effort data communications in ATM networks: Simulation comparison of alternative schemes 96417
Bagnoli, S. *see* Iuculano, G. 97782
Bagri, D.S. *see* Napier, P.J. 58524
Bagrodia, R. *see* Cong, J. 93529
Bagrova, K. *see* Klopper, W. 94321
Baguette, Y. *see* Danthine, A. 65355
Bagwell, C.E., Daigle, J.N. ATM cell delay and loss for best-effort TCP in the presence of isochronous traffic 64960
Bahadur, H. Sweeping and irradiation effects on hydroxyl defects in crystalline natural quartz 93748
Bahaki, H. *see* Bergogne, D. 80096
Bahar, E., El-Shenawee, M. High frequency approximations to multiple scatter by rough surfaces that exhibit enhanced backscatter 73291
Bahar, E., Haugland, M. Unified full wave solutions to interpret Apollo lunar surface data 59594
Bahar, E., SonLee, B. Full wave solutions for rough-surface bistatic radar cross sections: Comparison with small perturbation, physical optics, numerical, and experimental results 64126
Bahar, E. *see* El-Shenawee, M. 83609
Bahar, E. *see* Kubik, R.D. 77656
Bahar, R.I., Cho, H., Hachtel, G.D., Macii, E., Somenzi, F. Timing analysis of combinational circuits using ADDs 49334
Bahar, R.I., Hachtel, G.D., Macii, E., Somenzi, F. A symbolic method to reduce power consumption of circuits containing false paths 92161
Bahar, R.I., Hachtel, G.D., Pardo, A., Poncino, M., Somenzi, F. An ADD-based algorithm for shortest path back-tracing of large graphs 49284
Bahgat, A. *see* Abdel Mageed, M.F. 79505
Bahir, G. *see* Fenigstein, A. 87182
Bahir, G. *see* Rosenfeld, D. 82823
Bahk, H. *see* Kang, S. 85994
Bahl, I. *see* Willems, D. 49622
Bahl, L.R., de Souza, P.V., Gopalakrishnan, P.S., Picheny, M.A. Context dependent vector quantization for continuous speech recognition 84109
Bahl, L.R. *see* Bellegarda, J.R. 64366
Bahl, L.R. *see* Bellegarda, J.R. 84112
Bahl, S.R. *see* Moolji, A.A. 81937
Bahler, L.G. *see* Higgins, A.L. 84050
Bahnck, D. *see* Hull, R. 83124
Bahnck, D. *see* Ross, F.M. 81305
Bahnsen, A. *see* Budtz-Jorgensen, C. 88033
Baholo, B., Mellor, P.H., Howe, D., Birch, T.S. An automated calorimetric method of loss measurement in electrical machines 68517
Bahoura, M. *see* Acef, O. 73020
Bahoura, M. *see* Clairon, A. 86868
Bahr, C.C., Paparazzo, E., Moretto, L., Lama, F., Zema, N. Oxidation of $In_xGa_{1-x}As_yP_{1-y}$ by NO_2 studied with Auger electron spectroscopy 81519
Bahr, J., Brenner, K.-H., Sinzinger, S., Spick, T., Testorf, M. Index-distributed planar microlenses for three-dimensional micro-optics fabricated by silver-sodium ion exchange in BGG35 substrates 82686
Bahr, J., Hiller, K., Hoffmann, B., Ludecke, H., Nahnhauer, R., Menchikov, A., Pohl, M., Roloff, H.E., Volkert, R. Test of fiber detector readout by position-sensitive photomultipliers 88245
Bahr, U. Measurement errors of motion measurement with accelerometers 66267
Bahrami, H. *see* Tzou, H.S. 58661
Bahrami, M. *see* Cummings, W.J. 64116
Bahramparvar, M.R. *see* Gray, J.O. 57480
Bahri, A. *see* Lemonnier, M. 98511
Bahrman, M.P. *see* Wong, W.K. 89032
Bahtat, M. *see* Lou, L. 72378
Bahuguna, R.D. *see* Jutamulia, S. 84899
Bai, D.S., Kwon, Y.I. An economic sequential screening procedure for limited failure populations 48716
Bai, J. *see* Anzivino, G. 67353
Bai, J.Z., Bian, Q., Chen, G.M., Chen, L.J., Chen, S.N., Chen, Y.Q., Chen, Z.Q., Chi, Y.K., Cui, H.C., Cui, X.Z., Deng, S.S., Deng, Y.W., Ding, H.L., Dong, B.Z., Dong, X.S., Du, X., Du, Z.Z., Feng, C., Feng, Z., Fu, Z.S., Gao, C.S., Gao, M.L., Gao, S.Q., Gao, W.X., Gao, Y.N., Gu, S.D., Gu, W.X., Guan, Y.Z., Guo, H.F., Guo, Y.N., Guo, Y.Y., Han, S.W., Han, Y., Hao, W., He, J., He, K.R., He, M.J., Hou, X.J., Hu, G.Y., Hu, J.S., Hu, J.W., Huang, D.Q., Huang, Y.Z., Jia, Q.P., Jiang, C.H., Ju, Q., Lai, Y.F., Lang, P.F., Li, D.S., Li, F., Li, H., Jia Li, Li, J.T., Jin Li, Li, L.L., Li, P.Q., Li, Q.M., Li, R.B., Li, S.Q., Li, W., Li, W.G., Li, Z.X., Liang, G.N., Lin, F.C., Lin, S.Z., Lin, W., Liu, Q., Liu, R.G., Liu, W., Liu, X., Liu, Z.A., Liu, Z.Y., Lu, C.G., Lu, W.D., Lu, Z.Y., Lu, J.G., Ma, D.H., Ma, E.C., Ma, J.M., Mao, H.S., Mao, Z.P., Meng, X.C., Ni, H.L., Nie, J., Nie, Z.D., Niu, W.P., Pan, L.J., Qi, N.D., Qian, J.J., Qu, Y.H., Que, Y.K., Rong, G., Ruan, T.Z., Shao, Y.Y., Shen, B.W., Shen, D.L., Shen, J., Sheng, H.Y., Sheng, J.P., Shi, H.Z., Song, X.F., Sun, H.S., Tang, F.K., Tang, S.Q., Tian, W.H., Wang, F., Wang, G.Y., Wang, J.G., Wang, J.Y., Wang, L.S., Wang, L.Z., Wang, M., Wang, P., Wang, P.L., Wang, S.M., Wang, S.Q., Wang, T.J., Wang, X.W., Wang, Y.Y., Wang, Z.H., Wang, Z.J., Wei, C.L., Wei, C.L., Wei, Z.Z., Wu, J.W., Wu, S.H., Wu, S.Q., Wu, W.M., Wu, X.D., Wu, Z.D., Xi, D.M., Xia, X.M., Xiao, J., Xie, P.P., Xie, X.X., Xu, J.G., Xu, R.S., Xu, Z.Q., Xuan, B.C., Xue, S.T., Yan, J., Yan, S.P., Yan, W.G., Yang, C.Z., Yang, C.M., Yang, C.Y., Yang, X.F., Yang, X.R., Ye, M.H., Yu, C.H., Yu, C.S., Yu, X.Q., Zhang, B.Y., Zhang, C.D., Zhang, C.C., Zhang, C.Y., Zhang, D.H., Zhang, G., Zhang, H.Y., Zhang, H.L., Zhang, J.W., Zhang, L.S., Zhang, S.Q., Zhang, Y.P., Zhang, Y., Zhang, Y.M., Zhao, D.X., Zhao, J.W., Zhao, M., Zhao, P.D., Zhao, P.P., Zhao, W.R., Zhao, Z.G., Zhao, Z.Q., Zheng, J.P., Zheng, L.S., Zheng, M., Zheng, W.S., Zhang, Z.P., Zhong, G.P., Zhou, G.P., Zhou, H.S., Zhou, J., Li Zhou, Lin Zhou, Zhou, M., Zhou, Y.S., Zhou, Y.H., Zhu, G.S., Zhu, Q.M., Zhu, S.G., Zhu, Y.C., Zhu, Y.S., Zhuang, B.A. The BES detector 53324
Bai, X. *see* Guo, Z.Y. 87899
Bai, Y., Rand, J.A., Barnett, A.M., DiNetta, L.C. Low temperature back surface passivation for thin silicon solar cells 100474
Bai Bo-Ren *see* Bo-Ren Bai
Bai Chunli *see* Chunli Bai
Bai Jianhua, Gao Jingde, Shen Shande, Zhu Shouzhen PQ-coupled difference equation model for power system load 99428
Bai Kang *see* Kang Bai
Bai Lin Qin *see* Jonson, E.S. 53767
Bai Linxian *see* Wang Biao 80760
Bai Ming, Wang Wenbo, Wang Dejung Design and realization of DSC equipment 96898
Bai Ming *see* Wang Zai-Xing 96899
Bai Yan, Deng Zhongming, Bao Xiaohui Analogy sampling systems based on microcomputer 89739
Bai Yuhai *see* Yuhai Bai
Bai Zhe *see* Zhe Bai
Bai Zhi-Guo *see* Zhi-Guo Bai
Bai-Shi Wu *see* Wu Bai-Shi
Baibakov, S.A. *see* Zinger, N.M. 78350
Baibekov, V.I., Kozub, S.S., Maslov, M.A., Myznikov, K.P., Shcherbakov, P.A., Vasiliev, L.M., Zinchenko, S.I., Zlobin, A.V. The effect of heat releases on the operational capability of superconducting dipoles for the UNK 76574
Baibiao Huang *see* Xian'gang Xu 55627
Baican, B. *see* Schopper, E. 88075
Baida Lu *see* Lu Baida
Baidy, E. *see* Kosinski, J. 56162
Baidyk, T.N. *see* Kussul, E.M. 83973
Baie, X. *see* Colinge, J.P. 62782
Baier, A., Fiebig, U.-C., Granzow, W., Koch, W., Teder, P., Thielecke, J. Design study for a CDMA-based third-generation mobile radio system 65611
Baier, G. *see* Vogel, A. 66253
Baier, P.W., Blanz, J., Nasshan, M., Steil, A. Realistic simulations of a CDMA mobile radio system using joint detection and coherent receiver antenna diversity 52429
Baier, P.W. *see* Elhakeem, A.K. 60697
Baier, P.W. *see* Felhauer, T. 52335
Baier, P.W. *see* Felhauer, T. 75224
Baier, P.W. *see* Steiner, B. 65685
Baier, S.M. *see* Cunningham, T.J. 62874
Baier, S.M. *see* Cunningham, T.J. 63022
Baier, T., Waiter, T., Mauckner, G., Schneider, J., Thonke, K., Sauer, R. Measurement of time-resolved photoluminescence of semiconductors using correlational analysis 94257
Baig, M.A., Purdy, J.E. Video communication as a traffic management application 96479
Baig, N. Detroit Edison upgrades power plant's coal handling controls 78409
Baig, N.A., Norton, J.J., Bur, C.A. Development of coal blend information system 89595
Baigarin, K.A., Lopuga, A.D., Polovinkina, V.I., Sirotinin, Yu.V., Shestakov, Yu.I. Passage of monochromatic X-rays through a bent capillary 98718
Baik, K.H. *see* Cho, Y.S. 67021
Baik, K.H. *see* Goethals, A.M. 81647
Baik, K.H. *see* Ronse, K. 71462
Baik Doo-Kwon *see* Doo-Kwon Baik
Baik Hyung Han *see* Han Baik Hyung
Baikcum, A. *see* DeHope, W. 92901
Bail, J.-L.Le *see* Le Bail, J.-L.
Bailes, D.R., Taylor, C.J. The use of symmetry chords for expressing grey level constraints 84663
Bailey, A., McCaskill, G.A., Milne, G.J. An exercise in the automatic verification of asynchronous designs 61462
Bailey, D. *see* Majumdar, S. 96261
Bailey, D.A. *see* Derieux, J.W. 78375
Bailey, D.C. F-22 cockpit display system 77152
Bailey, J., McHugo, S., Weber, E.R. Lifetime-limiting defects in silicon solar cell material revealed by iron precipitation kinetics 81201
Bailey, J. *see* Cho, Y. 87949
Bailey, J.B. *see* Hozhabri, N. 70060
Bailey, L.D. *see* Ferro, R.J. 62669
Bailey, M., Dorko, M., Kemple, V., Schultz, R., Sovereign, M. Testing, evaluating, and enhancing NATO tactical communications schemes 77775
Bailey, M., Kemple, W., West, M., Chase, C. Object-oriented modelling of military communications networks 85481
Bailey, M.P. Estimating service capacity using nonhomogeneous work arrivals 69680
Bailey, M.W. *see* Amidei, D. 98639
Bailey, N. *see* Payne, J.M. 58535
Bailey, R., Bohl, T., Bordry, F., Burkhardt, H., Cornelis, K., Collier, P., Desforges, B., Faugier, A., Hatton, V., Jonker, M., Lamont, M., Miles, J., de Rijk, G., Schmickler, H. LEP operation in 1992 with a 90° optics 76434
Bailey, R., Jowett, J.M., Kalbreier, W., Wang, D. Commissioning and operation of the LEP Pretzel scheme 76535
Bailey, R.B., Koslowski, L.J., Chen, J.K., Bostrup, G., Bui, D., Vural, K. High performance 256×256 hybrid HgCdTe MWIR focal plane arrays 66491
Bailey, R.B. *see* Cooper, D.E. 58853
Bailey, R.B. *see* Kozlowski, L.J. 58852
Bailey, R.B. *see* Kozlowski, L.J. 66492
Bailey, R.E. HUD lessons-learned for HMD development 67690
Bailey, R.S. *see* Kapoor, V.J. 80324
Bailey, S. *see* Faur, M. 60478
Bailey, S. *see* Faur, M. 100687
Bailey, S. *see* Lewandowski, J. 72367
Bailey, S.A., Jones, C.A., Nield, M.W., Cooper, K., Hall, I.P., Thurlow, A.R. Recent advances in fibre-to-fibre and fibre-to-waveguide interconnect technology 72322
Bailey, S.G., Wilt, D.M., DeAngelo, F.L., Clark, E.B. Preferentially etched epitaxial liftoff of indium phosphide 100521
Bailey, S.G. *see* Jenkins, P. 78821
Bailey, S.R., Donnell, A.J., Hough, R.M. Process control (ISO 9000) and process improvement (APEX) in the Transmission Systems Business Unit 48607
Bailey, W. *see* Efland, T. 61660
Baillargeat, D., Verdeyme, S., Guillon, P. Slotted dielectric resonators for rigorous design of a four-poles dual mode filter 92470
Baillargeon, J.N., Cho, A.Y., Fischer, R.J., Pearah, P.J., Cheng, K.Y. Electrical characteristics of InP grown by molecular beam epitaxy using a valved phosphorus cracking cell 54848
Baillargeon, J.N., Cho, A.Y., Fischer, R.J., Pearah, P.J., Cheng, K.Y. Growth of silicon and beryllium doped InP by MBE using solid phosphorus 54905
Baillargeon, J.N., Cho, A.Y., Thiel, F.A., Fischer, R.J., Pearah, P.J., Cheng, K.Y. Reproducibility studies of lattice matched GaInAsP on (100) InP grown by molecular beam epitaxy using solid phosphorus 69980
Baillie, A. *see* Polischuk, B. 72562
Baillieu, F. *see* Ziad, H. 68655
Baillon, P. *see* von Apeldoorn, G. 88116

Bailly, F. *see* Cohen-Solal, G. 61292
Bailly, G. *see* Bonnyman, J. 95307
Bailly, P. *see* Dell'Acqua, A. 87955
Bailon, L.A. *see* Pelaz, L. 49952
Baily, D. *see* Katnani, A.D. 81718
Baines, C. *see* Abela, R. 76400
Baines, G.D. *see* Fan Yu 78858
Baines, J. *see* McMahon, T. 88003
Baines, J. *see* McMahon, T. 88013
Baines, R., Cyr, R.J. The soft approach [wireless base stations] 86162
Baines, R. *see* Kermarrec, C. 92616
Baines, S.J., Burr, A.G., Tozer, T.C. Uplink interference p.d.f. and spectral efficiency in cellular CDMA systems 52432
Baiocchi, A., Blefari-Melazzi, N., Cuomo, F., Listanti, M. Achieving statistical gain in ATM networks with the same complexity as peak allocation strategy 64954
Baiocchi, A., Gratta, L., Listanti, M., Pacifici, G., Roveri, A., Winkler, R. The adaptive cycle cell insertion MAC protocol for high throughput and fair multiaccess networks 51849
Baiocchi, F.A. *see* Fratello, V.J. 91464
Baiocchi, F.A. *see* Georgiou, G.E. 55681
Baiod, R. *see* Blinov, B.B. 87861
Baiod, R. *see* Harding, D.J. 76675
Baiping Wang *see* Wang Baiping
Baiqiang Tian *see* Weiguo Xi 66653
Bair, J.E., Cohen, D., Krusius, J.P., Pollock, C.R. Femtosecond relaxation of carriers generated by near-band-gap optical excitation in compound semiconductors 82803
Bairamov, A.I. *see* Kalafi, M. 100515
Bairamov, A.R. *see* Dzhafarov, T.D. 68999
Bairamov, R.B., Petrova, A.A. Nontraditional energy at the Solntse Research and Production Association 99819
Baird, A. *see* Da Via, C. 53348
Baird, D.L. Using 3D X-ray inspection for process improvement 91113
Baird, K. *see* Abe, K. 88115
Baird, K. *see* Antilogus, P. 59064
Baird, K. *see* Antilogus, P. 59127
Baird, S.A. *see* Galagedera, S.B. 88240
Baird, S.A. *see* Galagedera, S.B. 98670
Baird, S.A. *see* Morgado, C.J.S. 88239
Baird, S.A. *see* Morgado, C.J.S. 98581
Baird, T. *see* Tarof, L.E. 72602
Baird, T. *see* Yu, J. 56546
Baird, T. *see* Yu, J. 72603
Baireuther, O. EURESCOM supporting public network operators to prepare for new networks and services 51948
Baishev, I.S., Drozhdin, A.I., Mokhov, N.V. Beam loss handling at the SSC 76521
Baishev, I.S. *see* Drozhdin, A.I. 87838
Baister, G.C., Gatenby, P.V., Aldridge, N., Stace, C., White, H. The optical crossbar switch for signal routeing on board communication satellites 52445
Baitinger, U.G. Hardware design—a tools view 82045
Baiyun Quan *see* Xiaojun Yu 63246
Baja, G.Sanniti di *see* Sanniti di Baja, G.
Baja, G.S.Di *see* Di Baja, G.S.
Bajaj, C.L., Fields, M.C. The VAIDAK medical image model reconstruction toolkit 53372
Bajaj, C.L., Schikore, D.R. Distributed design of hip prostheses with BHAUTIK 53461
Bajaj, C.L. *see* Anupam, V. 65239
Bajaj, H.L., Agrawal, A. Experience in execution of a turnkey power project in a transnational environment 69513
Bajaj, J. *see* Arias, J.M. 91529
Bajanesco, T.I. The globalization of telecommunications and some elements of a European doctrine 85483
Bajard, M. *see* Auger, G. 98385
Bajcsy, R. *see* Funka-Lea, G. 95708
Bajcsy, R. *see* Kakadiaris, I.A. 96065
Bajenesco, T.I. Abundance of new technologies in the area of telecommunications 51964
Bajenesco, T.L. Synchronous digital hierarchy—SDH 64916
Bajenescu, T.I. Management of networks. I. Problems and tasks of network management 74953
Bajenescu, T.I. The management of networks. 2. Communication networks and the TCP/IP environment 85541
Bajer, J. *see* Garzia, F. 56382
Baji, T., Kiuchi, A., Gorny, D., Kwong, L., Harrison, J., Nitta, K., Amsel, S., Sakata, T., Nakagawa, T., Simon, J., Shridhar, A., Brown, J., Shimizu, H., Mok, J., Kao, S., Lu, P.C., Kaneko, K., Kikuchi, A., Akazawa, T., Hagiwara, S. HX24 24-bit fixed point digital signal processor 70655
Bajic, D., Drajic, D. Information theory approach to frame synchronisation problem 95046
Bajons, P. *see* Biebricher, M. 56464
Bajor, P. *see* Eged, B. 92696
Bajor, P. *see* Eged, B.. 97828
Bajwa, R.Singh *see* Singh Bajwa, R.
Bak, J. *see* Namkung, W. 67002
Bak, J.S. *see* Cho, M.H. 67044
Bak, L., Norgaard, J. Object oriented methods and tools for embedded applications: the Mjolner BETA system 96533
Bak-Jensen, B., Bak-Jensen, J., Mikkelsen, S.D., Tolstrup Sorensen, J. Qualitative comparison of numerical methods for identifying dynamic models of circuits and systems 55032
Bak-Jensen, B. *see* Bak-Jensen, J. 90307
Bak-Jensen, J., Bak-Jensen, B. Diagnosis on medium voltage ZnO-arrester blocks by use of impedance functions 90307
Bak-Jensen, J. *see* Bak-Jensen, B. 55032
Bakamidis, S.G. An exact fast nearest neighbor identification technique 84540
Bakay, A. Digital signal processor based multiprocessor system for real-time industrial image processing 70659
Baker, A., Alexis, R., Bell, S., Dalvi, V., Durante, R., Baer, E., Fandrich, M., Jungroth, O., Kreifels, J., Landgraf, M., Lee, K., Pon, H., Rashid, M., Rozman, R., Tsang, J., Underwood, K., Yarlagadda, C. A 3.3 V 16 Mb flash memory with advanced write automation 92225
Baker, A. *see* Voldman, S. 63008
Baker, A.B. *see* Hughen, J.H. 65918
Baker, B.S., Maru, H., Glenn, D., Bentley, C., Farooque, M. The direct fuel cell—a high efficiency electric power generator 78805
Baker, C. *see* Golob, A. 62558
Baker, C.T. *see* Moltzan, H. 93521
Baker, D. *see* Jain, V. 62549
Baker, D.H. *see* Nyati, S. 68065
Baker, G. *see* Kim, D.Y. 83329
Baker, H.J. *see* Colley, A.D. 56622
Baker, H.J. *see* Hornby, A.M. 56614
Baker, H.J. *see* Morley, R.J. 65931
Baker, H.J. *see* Vitruk, P.P. 72702
Baker, J. *see* Gillick, L. 84071
Baker, J. *see* Gillick, L. 84071
Baker, J. *see* Roth, R. 84111
Baker, J. *see* Roth, R. 84111
Baker, J.C. *see* Smith, J.E. 68407
Baker, J.E. *see* Gardner, N.F. 70010
Baker, J.E. *see* Jackson, S.L. 54898
Baker, J.E. *see* Jackson, S.L. 55713
Baker, J.E. *see* Stockman, S.A. 49974
Baker, J.E. *see* Stockman, S.A. 79925
Baker, J.G. Electromagnetic compatibility in Europe 73365
Baker, J.R., Budinger, T.F., Huesman, R.H. The effects of finite sampling on reconstructed image resolution and noise 59332
Baker, K., Jansson, D. Space satellites from the world's garage—the story of AMSAT 86281
Baker, K. *see* Bruls, E. 90911
Baker, K. *see* Burnett, D. 70511
Baker, K. *see* Huber, E. 84585
Baker, K. *see* Lage, C. 92197
Baker, K. *see* Macq, B. 98825
Baker, K. *see* Majewski, S. 88005
Baker, K.D. *see* Du, L. 84654
Baker, K.D. *see* Du, L. 84676
Baker, K.D. *see* Karaolani, P. 84669
Baker, K.R., Brown, A.D., Currie, A.J. Optimisation efficiency in behavioural synthesis 91765
Baker, L.A. *see* Kildal, P.-S. 58529
Baker, L.R. Thresholds for surface imperfections 86832
Baker, M. *see* Williams, J.E.C. 82412
Baker, M.G. *see* Iwasa, Y. 82442
Baker, M.H. *see* Whitlock, I. 68133
Baker, M.R. *see* Kamgar, A. 71820
Baker, P.D., Pond, S. The removal of wind from near surface oceanographic data records using cross spectral techniques 99233
Baker, R., Kibler, M., Gaddis, D., Becia, W. A flexible instrumentation and control system applied to a power and machines laboratory 69421
Baker, R. *see* Eriksson, A. 90312
Baker, R.C. Coriolis flowmeters: industrial practice and published information 98370
Baker, R.D., Ebert, G.L. A Bruen chain for q=19 79514
Baker, R.J., Ward, S.T. Designing nanosecond high voltage pulse generators using power MOSFETs 91948
Baker, R.L. *see* Sullivan, G.J. 64737
Baker, S. *see* Carrigan, R.A., Jr. 59039
Baker, S.G. *see* Scott, R.F. 88739
Baker, S.R. *see* Rourke, H.N. 72345
Baker, W.E., Hardesty, R.M. Anticipated scientific advances with the LAWS instrument 77347
Baker, W.I., Mahmood, A. An analysis of parallel synchronous and conservative asynchronous logic simulation schemes 91802
Baker-Jarvis, J., Janezic, M.D. Distribution of dielectric relaxation times and the moment problem 87052
Baker-Jarvis, J., Janezic, M.D., Domich, P.D., Geyer, R.G. Analysis of an open-ended coaxial probe with lift-off for nondestructive testing 98263
Bakhardyrkhanov, M.K., Mirkamilova, M.S., Shustrov, V.A. The use of kinetic ion-electron emission for the analysis of doping in semiconductors 49854
Bakhashwain, J.M. *see* Abdel-Salam, M. 89987
Bakhmet'yeva, N.V., Bryantsev, V.F., Bubukina, V.N., Ponyatov, A.A., Shavin, P.B. The quality of communications channels when there is sporadic-E-layer reflection of decameter radiowaves 83654
Bakhrakh, L.D. *see* Kremenetskii, S.D. 57335
Bakhrakh, L.D. *see* Kremenetskii, S.D. 83812
Bakhshi, S., Subhash, B.G. Co-generation with excess power to grid—an experience in India 99932
Bakhtazad, A. *see* Rahnavard, M.H. 50907
Bakhtiari, S., Cevallos-Candau, P.J. Seismic design of scaffolds for nuclear power facilities 78306
Bakhtiari, S., Ganchev, S.I., Zoughi, R. Analysis of radiation from an open-ended coaxial line into stratified dielectrics 83727
Bakhtiari, S., Qaddoumi, N., Ganchev, S.I., Zoughi, R. Microwave noncontact examination of disbond and thickness variation in stratified composite media 53044
Bakiev, A.M., Valiev, S.H. Dark-field laser projection microscope in holographic interferometry 94679
Bakin, A., Zwinge, G., Klockenbrink, R., Wehmann, H.-H., Schlachetzki, A. Simulation of the orientation-dependent growth of InGaAs/InP by metalorganic vapor-phase epitaxy 91457
Bakirov, A. *see* Volodarsky, V. 96733
Bakirov, M.Ya. Analytic expressions of the dose dependences of photovoltaic parameters of solar cells 60465
Bakirov, M.Ya. *see* Abdullaev, G.B. 60461
Bakirow, A.A. *see* Surowiak, Z. 71003
Bakirtzis, A., Petridis, V., Kazarlis, S. Genetic algorithm solution to the economic dispatch problem 77909
Bakis, R. *see* Das, S. 73848
Bakken, P.M., Ronnekleiv, A., Andersen, B.R. Frequency multiplexers and demultiplexers based on the SAW chirp Fourier transformer combined with digital signal processing 96897
Bakken, P.M. *see* Renyuan Li 96967
Bakker, H.J. *see* Emmerichs, U. 94646
Bakker, K. *see* Koziol, Z. 72062
Bakker, R.J., Jaroszynski, D.A., van der Meer, A.F.G., Oepts, D., van Amersfoort, P.W. Short-pulse effects in a free-electron laser 72937
Bakker, S.J.M., van der Drift, E., Klapwijk, T.M., Jaeger, H.M., Radelaar, S. Observation of carrier-concentration-dependent reflectionless tunneling in a superconductor—two-dimensional-electron-gas—superconductor structure 63294
Baklakov, B.A., Lebedev, P.K., Parkhomchuk, V.V., Seryi, A.A., Sleptsov, A.I., Shiltsev, V.D. Study of seismic vibrations for the VLEPP linear collider 59034
Baklanov, K., Taboryski, R., Lindelof, P.E. Detection of α-particles by 3 quantum point contacts formed in a GaAs-AlGaAs heterostructure by split-gates 53321
Bakopoulos, J.A. *see* Papadias, B.C. 68683
Bakos, G.C., Tsagas, N.F. Ultrasonic rangefinder: edge detection and enhancement method 88877
Bakos, J.S. *see* Djotyan, G.P. 94608
Bakowski, A. *see* Katcki, J. 81304
Bakowski, P., Bouchard, F., Caisso, J.-P., Igier, F. VHDL sign-off simulation: what future? 55236
Bakowski, P., Miedzinski, B., Szkolka, S., Poniewierski, H., Lapinski, A. System for material testing of hermetic switches of a small power 90274
Bakr, N.A., Feodrov, F.M. Characteristics of CdSe:In-ZnTe:As thin film heterojunctions prepared by semi-closed space technique 79850
Bakran, M.-M., Michel, M. A new snubber circuit for inverters with GTOs in series 100315
Bakre, A. *see* Badrinath, B.R. 96722
Bakshi, B.R., Koulouris, A., Stephanopoulos, G. Wave-nets: novel learning techniques, and the induction of physically interpretable models 55359
Bakshi, P. *see* Graf, M.J. 63293
Bakshi, S., Gajski, D.D. A component selection algorithm for high-performance pipelines 91740
Bakshi, S., Gajski, D.D. Design exploration for high-performance pipelines 92411
Bakstrom, M. *see* Dagys, M. 87460
Bakun, W.H., Fischer, F.G., Jensen, E.G., Van-Schaack, J. Early warning system for aftershocks 99154
Bakunov, A.S., Volkov, V.G., Muzhitskii, V.F. Determination of the mechanical characteristics of aluminum alloys 55017
Bakut, P.A., Kirakosyants, V.E., Loginov, V.A. Estimating the shape of the phase front of laser radiation from the results of spatially discrete measurements of its parameters 50910
Bakut, P.A. *see* Shumikov, Yu.P. 52839
Bal, L. *see* Abadir, M. 79285
Bal, L. *see* Abadir, M.S. 55485
Bal, L. *see* Sandborn, P.A. 79317
Bal, L. *see* Sandborn, P.A. 79368
Bal, L. *see* Sandborn, P.A. 90973
Bala, A. Assessing permitting issues 68416
Balabanov, V.V., Zhilyakov, Ye.G. On improving the resolution of radiometric measurements 98292
Balabin, A.I. On the possibility of simultaneous acceleration of ions with different charge to mass ratio in a RFQ 87632

Balachandran, U., Iyer, A.N., Haldar, P., Hoehn, J.G., Jr., Motowidlo, L.R., Galinski, G. Recent issues in fabrication of high-T_c magnets and long-length multifilament conductors 63327
Balachandran, U. *see* Kirkpatrick, K.S. 70170
Balachandran, W., Machowski, W., Ahmad, C.N. Electrostatic atomization of conducting liquids using AC superimposed on DC fields 73239
Balachandran, W. *see* Jung, R.R. 87124
Balagamawala, A. *see* Goforth, R.R. 99597
Balagurovskiy, V.A., Kondrat'yev, A.S., Mosalov, V.N. Multichannel antenna devices with improved noise protection 83804
Balaji, G. Inter-organizational technology transfer: some key factors 69454
Balaji, S. *see* Venkateswarlu, N.B. 88752
Balaji Lal, B. *see* Chakrabarti, P. 94286
Balakirev, M.V. *see* Bladyko, V.M. 54978
Balakireva, L.L. *see* Kozhevnikov, I.V. 67409
Balakirskii, V.B. Transmission of constant weight binary sequences with convolutional codes and maximum likelihood decoding 83986
Balakirsky, V.B. A necessary and sufficient condition for time-variant convolutional encoders to be noncatastrophic 73631
Balakrishnan, A., Magnanti, T.L., Mirchandani, P. A dual-based algorithm for multi-level network design 79571
Balakrishnan, A., Palmer, W.D., Joines, W.T., Wilson, T.G. The inductance of planar structures 55450
Balakrishnan, A., Vanderbeck, F. Tactical planning for high mix electronics assembly operations 81022
Balakrishnan, A. *see* Chakradhar, S.T. 92129
Balakrishnan, G. *see* Lakshmikantam, Ch. 61481
Balakrishnan, K., Menon, S., Tipper, D. A study of issues relating to traffic restoration in wide area communication networks 85837
Balakrishnan, K. *see* Pushpavanam, M. 49013
Balakrishnan, K.S. *see* Garg, A. 61336
Balakrishnan, M., Reibman, A. Reliability models for fault-tolerant private network applications 74766
Balakrishnan, N. *see* Alexander, T.L. 91233
Balakrishnan, N. *see* Sanjaynath, V.V. 73221
Balakrishnan, N. *see* Zrnic, D.S. 77374
Balakrishnan, N. *see* Zrnic, D.S. 77415
Balakrishnan, N.T. Yield management in wave soldering: quality engineering approach using Taguchi methods 79467
Balakrishnan, R., Kumar, R.S. Decompositions of complete graphs into isomorphic bipartite subgraphs 48796
Balamuth, D.P. *see* Wuosmaa, A.H. 67386
Balan, A. *see* Verma, S.P. 78619
Balandin, V. One of methods to extract truncated Taylor map for orbital and spin motion in proton storage rings 66982
Balandin, V., Golubeva, N. Taylor map and calculation of equilibrium polarization direction for proton storage rings 66971
Balandin, V., Golubeva, N. Investigation of spin resonance crossing in proton circular accelerators 66972
Balanis, C.A. *see* Birtcher, C.R. 52618
Balanis, C.A. *see* Lyons, M.R. 80640
Balanis, C.A. *see* Weimin Sun 73260
Balanis, C.A. *see* Weimin Sun 73280
Balanis, C.A. *see* Weimin Sun 73310
Balaras, C.A. *see* Santamouris, M. 69032
Balart, R. *see* Sweeney, J. 84265
Balasa, F., Franssen, F.H.M., Catthoor, F.V.M., de Man, H.J. Transformation of nested loops with modulo indexing to affine recurrences 95602
Balasekar, S., Ansari, N. Adaptive map configuration and dynamic routing to optimize the performance of a satellite communication network 86303
Balashov, N.N. *see* Ivanov, S.S. 89304
Balasinski, A. *see* Binglong Zhang 62747
Balasko, H. Current state and integrity of the GPS system 97499
Balasubramaniam, M. Hermetic motors. II 78639
Balasubramanian, C. *see* Gurumurugan, K. 62171
Balasubramanian, K. Fast detection of the frequency of sinusoidal signals 57609
Balasubramanian, K. Instantaneous estimation of the amplitude of sinusoids 57610
Balasubramanian, K., Guven, K., Altun, Z.G. Microprocessor based new technique for measuring pneumatic pressure using optocoupler controlled vibrating wire transducer 98353
Balasubramanian, N. *see* Balasubramanian, S. 49890
Balasubramanian, N. *see* Balasubramanian, S. 81532
Balasubramanian, R. *see* Malik, S.B. 78279
Balasubramanian, R. *see* Steiner, T.W. 81242
Balasubramanian, R. *see* Tripathy, S.C. 88962
Balasubramanian, S., Chandran, S., Arias, J., Kasturi, R., Chhabra, A. Information extraction from tabular drawings 96946
Balasubramanian, S., Gopinath, C.S., Subramanian, S., Balasubramanian, N. Exposure of InP to hydrogen plasma in the presence of a 'sacrificial' InP—an X-ray photoelectron spectroscopic study 81532
Balasubramanian, S., Kumar, V., Balasubramanian, N., Premachandran, V. Resistance switching in indium phosphide using hydrogen passivation of acceptors 49890
Balasubramaniyan, A. *see* Sheth, N. 92531
Balasubramanyam, R., John, V.I. Spectral calculation software for a circulating current cycloconverter drive system 100873
Balasubramanyam, R., John, V.I., Tamby, J.P. Harmonic performance of cycloconverter synchronous-motor marine propulsions systems 69128
Balaz, I. Estimation of bifurcations in LC lumped autonomous nonlinear circuits 61497
Balboni, A., Costi, C., Fummi, F., Sciuto, D. From behavioral description to systolic array based architectures 49227
Balboni, G.P., Liffredo, L. On the effect of statistical bandwidth allocation in an ATM network running today's applications 85748
Balboni, R. *see* Armigliato, A. 81381
Balcazar, M., Delfin, A., Camacho, M.E., Mazon, R., Tavera, L., Pina, G. Neutron spectra profile in beam ports of a Triga Mark III experimental reactor 88171
Balcer-Kubiczek, E.K. *see* Harrison, G.H. 98934
Balcerzyk, M. *see* Wojtowicz, A.J. 98625
Balch, S.E., Bhavnani, S.H., Jaeger, R.C., Bhutani, S. Pool boiling interactions between multiple heat sources in an array of silicon chips 91072
Balchin, M.J., Eastham, J.F., Coles, P.C. Effects of pole flux distribution in a homopolar linear synchronous machine 78603
Balcou, P. *see* Svanberg, S. 50784
Balda, J.C., Olejniczak, K.J., Tirumala, R., Samotyj, M.J., Barbre, B. A study of voltage distortion caused by variable speed high-efficiency heat pumps 67997
Balda, R. *see* Azkargorta, J. 82975
Baldan, C.A., Shigue, C.Y., Pinatti, D.G. Design and test of a 7 T split-pair magnet for magnetic separation 82439
Baldasaro, P.F. *see* Ong, T.P. 100782
Baldassarra, A. *see* Falaschi, A. 73827
Baldeweck, T., Laugier, P., Herment, A., Berger, G. Application of autoregressive spectral analysis for ultrasound attenuation: interest in highly attenuating medium 98789
Baldi, P. *see* Chen, S. 63452
Baldini, F. *see* Del Bianco, A. 58899
Baldini, F., R., Farrell, P.G. Coded modulation based on rings of integers modulo-q. 1. Block codes 64298
Baldini, F., R., Farrell, P.G. Coded modulation based on rings of integers modulo-q. 2. Convolutional codes 64299
Baldini Filho, R., Farrell, P.G. Multilevel block subcodes for coded phase modulation 64271
Baldit, F., Le Cadre, J.-P. Comparative study of centralized and decentralized localization methods 84400
Baldus, A., Bett, A., Sulima, O.V., Wettling, W. Hybrid molecular beam epitaxy/low-temperature liquid phase epitaxy growth of GaAs(AlGaAs) layers on Si 79806
Baldus, A. *see* Blieske, U. 100685
Baldwin, B., Kubon, J. Dial-in security firewall software 58197
Baldwin, C. *see* Lairson, B.M. 56223
Baldwin, D.D. *see* Doan, T.D. 75877
Baldwin, D.G. *see* Rosborough, G.W. 88852
Baldwin, G., Dalal, V., Han, K. Deposition of high quality a-(Si,Ge):H films and novel graded gap devices using RF triode glow discharge deposition 100700
Baldwin, G. *see* Dalal, V.L. 79884
Baldwin, G. *see* Dalal, V.L. 100526
Baldwin, G.T., Landron, C.O., Lorence, L.J., Jr. Extending the range of the Time Projection Compton Spectrometer to lower energy 59211
Baldwin, T.L., Mili, L., Phadke, A.G. Dynamic Ward equivalents for transient stability analysis 59673
Baldygo, W. *see* Bucci, N.J. 65920
Balebanov, V.M. *see* Ahlen, S. 98641
Balembois, F., Georges, P., Brun, A. LiSAF regenerative amplifier for femtosecond pulses operating at 5 kHz repetition rate 56654
Balendonck, J., Nijenhuis, P.J., Haalboom, G.W., Kampers, F.W.H. Fast PC video board for insect-flight simulator 77120
Balest, R. *see* Alexander, J.P. 59072
Balest, R. *see* Alexander, J.P. 70305
Balestra, F., Nakabayashi, H., Tsuno, M., Matsumoto, T., Koyanagi, M. Performances and physical mechanisms in sub-0.1 μm gate length LDD MOSFETs at low temperature 62801
Balestra, F., Tsuno, M., Matsumoto, T., Nakabayashi, H., Koyanagi, M. Hot carrier effects in sub-0.1 μm gate length MOSFETs between room and liquid helium temperatures 62809
Balestra, F. *see* Emrani, A. 71636
Balestra, F. *see* Jomaah, J. 50026
Balestra, F. *see* Jomaah, J. 62807
Balestra, F. *see* Jomaah, J. 93460
Balestra, F. *see* Rais, K. 62802
Balestra, F. *see* Rais, K. 93485
Balestrino, G. *see* Epifani, M. 66369
Balfanz, D. *see* Redlich, J.-P. 96453
Balfour, L.S. *see* Ben-Dor, B. 99307
Balgie, T.R. *see* Walling, R.A. 68199
Balian, R. *see* Niez, J.J. 94795
Balibrea, L.-M.T., Sanchez, A.G., Merono, J.M.F., Garcia, J.L.R. Automatic sampling system for speaker recognition using the interspectral coherence function 73918
Balicoco-Barker, F. Making ATM accessible in the network 96908
Baliga, A. *see* Agahi, F. 62234
Baliga, B.J. Evolution and status of smart power technology 49993
Baliga, B.J. Power semiconductor devices for variable-frequency drives 90487
Baliga, B.J. *see* Alok, D. 55671
Baliga, B.J. *see* Alok, D. 93291
Baliga, B.J. *see* Bhatnagar, M. 55887
Baliga, B.J. *see* Bhatnagar, M. 62679
Baliga, B.J. *see* Chow, T.P. 62707
Baliga, B.J. *see* Dev Alok 93054
Baliga, B.J. *see* Huang, Y.S. 56067
Baliga, B.J. *see* Iwamuro, N. 55936
Baliga, B.J. *see* Mehrotra, M. 55880
Baliga, B.J. *see* Mehrotra, M. 81780
Baliga, B.J. *see* Mehrotra, M. 93315
Baliga, B.J. *see* Singh, R. 55879
Baliga, B.J. *see* Singh, R. 81798
Baliga, B.J. *see* Sridhar, S. 62665
Baliga, B.J. *see* Sunkavalli, R. 93437
Baliga, B.J. *see* Tsengyou Syau 55989
Baliga, B.J. *see* Venkatraman, P. 55972
Baliga, B.J. *see* Williams, R.K. *(editor)* 54316
Baliga, B.Jayant *see* Jayant Baliga, B.
Baliga, S. *see* Rullman, G. 67829
Balikov, H. *see* Wells, R. 90891
Balin, B. User interfaces and maintenance concepts for the new age of digital radio systems 97566
Balinskii, M.G., Danilov, V.V., Nechiporuk, A.Y. Quantum amplification of magnetostatic waves in ferrite-paramagnet structures 56232
Balinsky, E.E. *see* Ostrovsky, A.S. 72289
Balinsky, E.G. *see* Ostrovsky, A.S. 72435
Balk, L.J. *see* Kaufmann, K. 81964
Balk, L.J. *see* Koschinski, P. 81984
Balkan, N. *see* da Cunha, A. 62278
Balkan, N. *see* Dottling, R. 62276
Balkan, N. *see* Straw, A. 62277
Balkau, F. *see* Anderson, S. 79279
Balkir, S., Yanilmaz, M., Plonus, M. Numerical integration using Bezier splines 54772
Balkoski, D., Tubic, D., Nikolic, V., Babic, B. Possibility of electricity transmission from the Eastern to the Western part of the Yugoslav electric power system 68127
Balkovoi, A.P., Kozachenko, V.F., Obukhov, N.A., Slivinskaya, G.A. Multicoordinate electric drive with microprocessor control for flexible automated production and robot-based complexes 69081
Balkow, R., Deutschmann, A. NTC thermistors protect against high inrush currents 61518
Ball, A. *see* Tapson, J. 71060
Ball, C.A. *see* Palmer, W.D. 92875
Ball, F., Hutchison, D. Network level support for QOS commitment 65159
Ball, G. *see* Dunphy, J. 52887
Ball, G.A., Glenn, W.H., Morey, W.W. Programmable fiber optic delay line 72311
Ball, G.A., Hull-Allen, C.G., Livas, J. Frequency noise of a Bragg grating fibre laser 72781
Ball, G.A., Morey, W.W., Cheo, P.K. Fiber laser source/analyzer for Bragg grating sensor array interrogation 66377
Ball, G.J., Blackburn, D.C., Jr., Gish, W., Gulachenski, E., Guro, E.A., Kalkstein, E.W., Pivec, A., Powell, P.W., Soudi, F., Stevens, J.W., Yalla, M., Zavadil, R., Emery, J.T., Hill, R. Static power converters of 500 kW or less serving as the relay interface package for nonconventional generators 78722
Ball, J.A. *see* Ingalls, R.P. 58532
Ball, K.R. EMC testing pre- and post-installation, experience of products and systems 57151
Ball, M., Ellison, T.J.P., Hamilton, B.J. Single board op-amp beam position monitors electronics 76483
Ball, M. *see* Anderson, D. 87831
Ball, M. *see* Ellison, M. 66909
Ball, M. *see* Li, D. 98409
Ball, M. *see* Liu, J.Y. 98399
Ball, M. *see* Syphers, M.J. 66966
Ball, M. *see* Wang, Y. 66910
Ball, M.S., Ellison, T.J.P., Hamilton, B.J., Jones, W.P. The design of an automatically-tuned beamline 98452
Ball, M.S. *see* Ellison, T.J.P. 87877
Ball, M.S. *see* Hamilton, B.J. 76469
Ball, R.J. *see* Lever, P.H. 51140
Ball, S. *see* Michel, E. 88029
Ball, T. *see* Beelen, H. 52014
Balland, B. *see* Autran, J.-L. 62810
Balland, B. *see* Raynaud, C. 55669
Balland, B. *see* Raynaud, C. 81370
Ballantine, J.H. *see* Curry, G.R. 65917
Ballantyne, J.M. *see* Lau, S.T. 50894
Ballantyne, J.M. *see* Leary, M.H. 63615
Ballantyne, J.M. *see* Liang, J.J. 94521
Ballard, D.H. *see* Wixson, L.E. 57694

Ballard, P., Vacherand, F. The Manhattan method: a fast Cartesian elevation map reconstruction from range data 51724
Ballato, A., Gualtieri, J.G. Advances in high-Q piezoelectric resonator materials and devices 93860
Ballato, A. *see* Kosinski, J. 56162
Ballato, A. *see* Kosinski, J.A. 71850
Ballato, A. *see* Kosinski, J.A. 93851
Ballato, A. *see* Smits, J.G. 82178
Ballato, A. *see* Smits, J.G. 93780
Ballay, L., Barczi, B., Pellet, P., Juhasz, L., Motoc, A.M. Radiation protection survey carried out around medical linear accelerators 67647
Ballay, L. *see* Kasztovszky, Z. 67645
Balle, S., San Miguel, M., Abraham, N.B., Tredicce, J.R., Alvares, R., D'Angelo, E.J., Gambhir, A., Thornburg, K.S., Roy, R. Transients in multivariable dynamical systems depend on which parameter is switched as illustrated in * lasers 56781
Balle, S. *see* Chen, Z. 94579
Balle, S. *see* Kowalski, F.V. 56825
Balle, S. *see* Martin, J. 94513
Ballegeer, D.G., Adesida, I., Caneau, C., Bhat, R. Physics and behavior of asymmetrically recessed InP-based MODFET's fabricated with an electron beam resist process 56044
Ballester, P. Hough transform for robust regression and automated detection 64767
Ballesteros, J. *see* Sanchez, J.M. 49346
Balleyguier, P. Dead-time tuning of a pulsed RF cavity 63867
Balling, P., Blabla, J., Ziegler, M., Chartier, A., Chartier, J.-M. International comparison of $^{127}I_2$-stabilized He-Ne lasers at $\lambda=633$ nm using the third and/or the fifth harmonic locking technique 83238
Ballingall, J.M. *see* Look, D.C. 71718
Ballingall, J.M. *see* Stutz, C.E. 55555
Ballingall, J.M. *see* Zhao, J.H. 55941
Ballini, Y. *see* Guenais, B. 81357
Ballis, R.J., Jaeger, M.A. Reconstitution of reactor protection system design bases: is it worth it? 99893
Ballo, D., Gorin, J. Adjacent channel power measurements in the digital wireless era 66642
Ballou, R. *see* Burzo, E. 71946
Ballutaud, D. *see* Correia, A. 55742
Ballutaud, D. *see* Correia, A. 81489
Ballutaud, D. *see* Lusson, L. 79916
Bally, G.von *see* von Bally, G.
Bally, J. *see* Thronson, H.A., Jr. 97503
Balmaseda, M.Sanchez *see* Sanchez Balmaseda, M.
Balmashnov, A.A. *see* Dolginov, L.M. 93150
Balmat, J., Abellard, P., Maifret, R. Modeling Kohonen type neural networks using a data flow Petri net 49595
Balmer, J.E. *see* Frei, B. 94434
Balmer, J.E. *see* Pollnau, M. 56662
Balogh, L., Redl, R. Power-factor correction with interleaved boost converters in continuous-inductor-current mode 54082
Balogh, L. *see* Redl, R. 68792
Balooch, M. *see* Hamza, A.V. 79868
Balram, N., Moura, J.M.F. Predictive coding using noncausal models 85066
Balrusci, G. Standards for HV switchgear 68898
Balsa, R. *see* Taboada, J. 51403
Balsamo, E.P., Bottura, L., Cicchelli, O., Gislon, P., Ricci, M., Spadoni, M. Experimental analysis and computer simulation on stability margin and quench behaviour in a NbTi forced-flow cooled winding pack 82475
Balster, S.G., Schroder, D.K., Kalejs, J.P. The effect of a CO growth ambient on the defect structure of EFG silicon 100616
Baltay, C. Deep inelastic neutrino interactions and charm production 76806
Baltay, C. *see* Fenker, H. 67313
Baltes, H. *see* Azeredo Leme, C. 97862
Baltes, H. *see* Brand, O. 97925
Baltes, H. *see* Castagnetti, R. 52788
Baltes, H. *see* Herr, E. 55938
Baltes, H. *see* Korvink, J.G. 81414
Baltes, H. *see* Malcovati, P. 87045
Baltes, H. *see* Malcovati, P. 97863
Baltes, H. *see* Paul, O. 97947
Baltes, H. *see* Paul, O.M. 56080
Baltes, H. *see* Riccobene, C. 66305
Baltes, H. *see* Riccobene, C. 75930
Baltes, H. *see* Riccobene, C. 87063
Baltgalvis, J. *see* Polichar, R. 87968
Baltrusaitis, R.M., Ekdahl, C.A., Cooper, R.G., Peterson, E., Warn, C.E. High bandwidth beam current monitor 76519
Baltrushaitis, V. *see* Minalgiene, J. 55484
Baltus, P. *see* van der Wel, W. 93582
Baltus, P.G.M. *see* Hurkx, G.A.M. 93581
Balu, N. *see* Adapa, R. 89177
Balvers, R.P.A., Huygen, J.J. DSP-code generation for automotive micro-controllers 78990
Balychenko, A.A., Iskhakov, K.A., Kulihauskas, V.S., Makarov, V.V., Shokin, N. Effect of rare earths on the rate of solid-phase epitaxial recrystallization of amorphized silicon layers 69978
Balz, C. DSR Test Receiver EDSR: Transmission reliability in digital radio 86994
Balzaretti, S. *see* Nieuwenhuis, L.J.M. 96841
Balzarotti, G., Fiori, L., Malfagia, R. Presentation of IR pictures on helmet mounted displays 67681
Bam, M.A. *see* Ilin, V.I. 99596
Bamba, E. *see* Tsuruno, R. 88445
Bamba, F. *see* Nobukuni, K. 85894
Bamber, J.L. Ice sheet altimeter processing scheme 77475
Bamberger, J. *see* Lang, M. 70742
Bamberger, J. *see* Lang, M. 80445
Bamberger, R.H. Interactive tools for signal processing education: Signal Processing Instructional Facility (SPIF Lab) at Washington State University 69415
Bamberger, R.H. New results on two and three dimensional directional filter banks 92414
Bamberger, R.H., Eddins, S.L., Reeves, S.J. A multimedia image database for image processing instruction 74409
Bamberger, R.H. *see* Evans, B.L. 57543
Bamberger, R.H. *see* Nuri, V. 80460
Bambha, N. *see* Chen, J.C. 91527
Bamblevski, V.P., Spurny, F. Nuclear track detector with radiators and their use in high energy particle fields 88153
Bamblevski, V.P. *see* Spurny, F. 88159
Bamblevskij, V.P. *see* Aleinikov, V.E. 67657
Bambos, N., Nguyen, A. Optimal message flow on ring networks with spatial reuse 74756
Bambos, N., Prabhakar, B. On infinite queueing tandems 91188
Bambos, N. *see* Chen, S.C. 65643
Bamford, L.D., Hall, P.S., Fray, A. Calculation of antenna mutual coupling from radiated far fields 51216
Bamforth, P.B., Price, W.F. The long-term properties of concrete used in prestressed concrete pressure vessels 99872
Bamler, R. Wavelength diversity PRF-ambiguity resolver: calibration and test for ERS-1 SAR 77715
Bamler, R., Breit, H., Steinbrecher, U., Just, D. Algorithms for X-SAR processing 67797
Bamler, R., Just, D. Phase statistics and decorrelation in SAR interferograms 77283
Bamler, R. *see* Just, D. 75583
Bamler, R. *see* Raney, R.K. 77323
Ban, H., Suzuki, R. High speed display algorithm for 3D medical images using multilayer range image 88356
Ban, H. *see* Deguchi, K. 81738
Ban, J. *see* Bano, M. 53060
Ban, M. *see* Kasuga, C. 93791
Ban, V.S. *see* Linga, K.R. 66327
Ban, Y. *see* Kamiyama, S. 72854
Ban, Y. *see* Kidoguchi, I. 63861
Ban, Y. *see* Kidoguchi, I. 72847
Ban, Y. *see* Mannoh, M. 63860
Banaszewski, A. *see* Orlowska-Kowalska, T. 54024
Banat, M.M., Kavehrad, M. Reduction of optical beat interference in SCM/WDMA networks using pseudorandom phase modulation 97351
Banatre, J.P., Lavenier, D., Vieillot, M. From high level programming model to FPGA machines 70412
Banba, H. *see* Atsumi, S. 49426
Banba, H. *see* Umezawa, A. 70562
Banba, N. *see* Tanaka, H. 80632
Banbury, J.R. Head-up display systems 67730
Banbury, P.C. *see* Euthymiou, P.C. 62871
Banci, G. *see* Franconi, C. 67619
Bancroft, D.J. Pixels and halide — a natural partnership? [motion picture film to video tape transfer] 66070
Band, A. *see* Nardek, T.W. 87695
Banda, J. *see* Wu, T.F. 100309
Banda, P.A., Wlodarski, W.B., Scott, J.R. Modelling aspects of surface acoustic wave gas sensors 66524
Banda, S.S. *see* Adams, R.J. 77798
Bandara, K.M.S.V. *see* Gunapala, S.D. 52849
Bandara, K.M.S.V. *see* Gunapala, S.D. 55914
Bandara, K.M.S.V. *see* Gunapala, S.D. 66366
Bandekas, D.V., Papadopoulos, D.P., Smith, J.R. Adaptive excitation controller design for a turbogenerator in a multimachine power system 78533
Bandelier, B., Daveau, C., Rioux-Damidau, F. A new h-formulation for nonlinear magnetostatics in R^3 83479
Bandello, F. *see* Magni, R. 88492
Bandelloni, G., Guidi, M., Montrosset, I. Gain switched $LiNbO_3$ waveguide laser simulation 83025
Bandettini, A., Bencivelli, W., Bertolucci, E., Bottigli, U., Conti, M., Del Guerra, A., Fantacci, M.E., Randaccio, P., Rosso, V., Russo, P., Stefanini, A. Characterization of the response of a double side μ-strip silicon detector to X-rays in the diagnostic energy range 59109
Bandettini, A., Bencivelli, W., Bertolucci, E., Bottigli, U., Conti, M., Del Guerra, A., Fantacci, M.E., Randaccio, P., Rosso, V., Russo, P., Stefanini, A. An electronic coincidence system for 'in frame' DAQ from a double side μ-strip silicon detector exposed to X-rays 76979
Bandettini, A. *see* Alfano, B. 59375
Bandi, V.G., Asai, H. Dynamically overlapped partitioning technique to implement waveform relaxation simulation of bipolar circuits 70222
Bandler, J.W., Biernacki, R.M., Cai, Q., Chen, S.H. A novel approach to statistical modeling using cumulative probability distribution fitting 92538
Bandler, J.W., Biernacki, R.M., Chen, S.H., Grobelny, P.A., Hemmers, R.H. Exploitation of coarse grid for electromagnetic optimization 92486
Bandler, J.W., Biernacki, R.M., Chen, S.H., Grobelny, P.A., Moskowitz, C., Talisa, S.H. Electromagnetic design of high-temperature superconducting microwave filters 80638
Bandler, J.W., Biernacki, R.M., Shao Hua Chen, Swanson, D.G., Jr., Shen Ye Microstrip filter design using direct EM field simulation 70840
Bandler, J.W., Shao Hua Chen, Biernacki, R.M., Li Gao, Madsen, K., Huanyu Yu Huber optimization of circuits: a robust approach 49051
Bandler, S.R. *see* Porter, F.S. 54048
Bando, Y. *see* Nakagaki, N. 86730
Bando, Y. *see* Terauchi, H. 91503
Bandoh, T. *see* Murabayashi, F. 49486
Bandoh, T. *see* Tanaka, S. 49489
Bandopadhyay, H.N. *see* Kartikeyan, M.V. 55516
Bandopadhyay, H.N. *see* Sharma, A. 55517
Bandopadhyay, H.N. *see* Singh, V.V.P. 55380
Bandopadhyaya, T.K. *see* Mishra, P.K. 50454
Bandukwala, H. *see* Clymer, J.R. 74097
Bandy, D.K., Graham, J.D., Jones, D.J., Oraevskii, A.N., Sarkisyan, T.V. Investigations of the dynamics of a monovelocity-atomic-beam maser 82881
Bandy, D.K. *see* Oraevsky, A.N. 83313
Bandy, D.K. *see* Oraevsky, A.N. 94632
Bandy, S., Nishimoto, C., Webb, C., Zdasiuk, G. Complete vacuum microelectronic structures using GaAs 62086
Bandy, S. *see* Majidi-Ahy, R. 80361
Bandyopadhyay, A., Basu, P.K. A new variational method of incorporating loss in the analysis of coupled multiple-quantum well three-dimensional waveguides 82653
Bandyopadhyay, A.K. *see* Jee, A.M. 74961
Bandyopadhyay, A.K. *see* Mukherjee, A. 74970
Bandyopadhyay, D. *see* Dhawan, V. 88450
Bandyopadhyay, S., Das, B., Miller, A.E. Supercomputing with spin-polarized single electrons in a quantum coupled architecture 93520
Bandyopadhyay, S. *see* Telang, N. 62294
Bandyopadhyay, T. *see* Sengupta, R. 48654
Bane, K., Krinsky, S. Impedance of a small-gap undulator vacuum chamber 87708
Bane, K. *see* Krejcik, P. 87900
Bane, K. *see* Ruth, R.D. 66791
Bane, K. *see* Winick, H. 63870
Bane, K. *see* Winick, H. 83178
Bane, K.L., Raubenheimer, T.O., Seeman, J.T. Electron transport of a linac coherent light source (LCLS) using the SLAC linac 67006
Bane, K.L.F., Gluckstern, R.L. The transverse wakefield of a detuned X-band accelerator structure 98441
Bane, K.L.F., Ng, C.-K. Impedance calculations for the improved SLC damping rings 87725
Bane, K.L.F., Oide, K. Simulations of the longitudinal instability in the SLC damping rings 87929
Bane, K.L.F. *see* Thompson, K.A. 87930
Banek, T. *see* Batko, W. 51538
Banerjea, A. *see* Ferrari, D. 65149
Banerjee, A., Banerjee, V., Chakrabarti, A., Viyogi, Y.P., Ramamurthy, V.S., Yadav, R.T., Prasad, R. A proposed light ion radioactive ion beam (RIB) facility for measuring reaction rates of astrophysical interest and other studies 98484
Banerjee, A., Chen, E., Clough, R., Glatfelter, T., Guha, S., Hammond, G., Hoffman, K., Hopson, M., Jackett, N., Lycette, M., Noch, J., Palmer, T., Parker, K., Rosenstein, I., Wolf, D., Xu, X., Yang, J., Younan, K. 10.8% efficient one-square-foot-area multifunction amorphous silicon alloy photovoltaic module 100523
Banerjee, A., Yang, J., Hoffman, K., Guha, S. Characteristics of hydrogenated amorphous silicon alloy solar cells on a Lambertian back reflector 78827
Banerjee, A. *see* Guha, S. 90415
Banerjee, A. *see* Guha, S. 100584
Banerjee, B. *see* Chandorkar, M.C. 68817
Banerjee, B. *see* Chandrokar, M.C. 100275
Banerjee, B. *see* Mitra, M. 55407
Banerjee, C., O'Neill, J.J. Radio frequency coverage and network management for cordless Charge-A-Call service market trial 85586
Banerjee, C. *see* Dagen, A.J. 52260
Banerjee, D. *see* Borella, M. 50653
Banerjee, D. *see* Mukherjee, B. 65096
Banerjee, D. *see* Van Woerden, J.A. 98990
Banerjee, J.P., Mukherjee, R. Effect of electron- and hole-dominant photocurrent on the millimetre wave properties of an indium phosphide IMPATT diode at a 94 GHz window under optical illumination 80679
Banerjee, J.P., Mukherjee, R. Calculation of shift of avalanche transit time phase delay due to

optically injected carriers in indium phosphide avalanche diodes 93306
Banerjee, J.P. *see* Ganguly, A. 49962
Banerjee, J.P. *see* Ganguly, A. 70910
Banerjee, J.P. *see* Mukherjee, R. 55394
Banerjee, P., Becker, D., Thiel, K.-H., Hartl, P. Timing experiment with geodetic GPS receiver 97750
Banerjee, P., Saxena, M., Mathur, B.S. Time transfer in India using satellite-TV signals in a common view mode 87561
Banerjee, P. *see* De, K. 49241
Banerjee, P. *see* De, K. 55216
Banerjee, P. *see* Kim, S. 55039
Banerjee, P. *see* Parkes, S. 91720
Banerjee, P. *see* Ramkumar, B. 61478
Banerjee, S., Chau, P.M. Recursive least squares problem implementation on a generalized interconnection of DSP processors 80373
Banerjee, S., Klapproth, F.F. Carrier and customer management of fast packet services and ATM 52008
Banerjee, S., Li, V.O.K. Order-P: an algorithm to order network partitionings 69649
Banerjee, S., Mukherjee, B., Sarkar, D. Heuristic algorithms for constructing optimized structures of linear multihop lightwave networks 58145
Banerjee, S., Roy, R.K., Chakradhar, S.T., Pradhan, D.K. Signal transition graph transformations for initializability 49341
Banerjee, S., Roy, R.K., Chakradhar, S.T., Pradhan, D.K. Initialization issues in the synthesis of asynchronous circuits 92051
Banerjee, S., Sarkar, D. Hypercube connected rings: a fault-tolerant and scalable architecture for virtual lightwave network topology 65393
Banerjee, S., Syam, P., Ganguly, D., Mondal, A. MACE—a distributed fault diagnostic systems for power stations 78268
Banerjee, S., Zimmer, G., Feldle, H.P., Holz, M. A wide band microwave/photonic distribution network for an X-band active phased array antenna 51270
Banerjee, S. *see* Krishna, G.H.R. 93577
Banerjee, S. *see* Maung, S. 62353
Banerjee, S. *see* Mazumder, M.K. 57050
Banerjee, S. *see* Sahoo, N.K. 93392
Banerjee, S.N. Quality management 69588
Banerjee, V. *see* Banerjee, A. 98484
Banerji, D.K. *see* Wilson, T.C. 91763
Baney, D.M., Sorin, W.V., Newton, S.A. High-frequency photodiode characterization using a filtered intensity noise technique 94264
Banfield, J. *see* Bernardi, A. 52003
Bang, C.A., Melzak, J.M., Mehregany, M. From microchips to MEMS 62929
Bang, C.A., Rice, J.P., Flik, M.I., Rudman, D.A., Schmidt, M.A. Thermal isolation of high-temperature superconducting thin films using silicon wafer bonding and micromachining 62035
Bang, S.H., Joongho Choi, Sheu, B.J. A 3 V data transceiver chip for dual-mode cellular communication systems 75304
Bang Won Lee *see* Jae Ho Kim 65229
Bang Woo Kwang *see* Kwang Bang Woo
Bang-Jensen, J., Manoussakis, Y. Cycles through k vertices in bipartite tournaments 69711
Bang-Sup Song *see* Tzi-Hsiung Shu 70701
Banga, C., Ghorbel, F. Optimal bootstrap sampling for fast image segmentation: application to retina image 88466
Banga, E.R., Lopez-Gonzalo, E., Garcia-Mateo, C. A text-to-speech system for Spanish with a frequency domain based prosodic modification algorithm 73876
Bangar Raju, B., Varadarajan, T.S. Photophysical properties and laser characteristics of a new rigid aminocoumarin dye lasing in the blue-green region 72708
Bange, K. *see* Wagner, W. 94044
Bangert, A., Rosenzweig, J., Ludwig, M., Bronner, W., Hofmann, P., Kohler, K. Optical response of a pseudomorphic HFET photodetector up to 10 GHz 87204
Bangert, A., Schlechtweg, M., Reinert, W., Haydl, T., Hulsmann, A., Kohler, K. Monolithic integrated 75 GHz oscillator with high output power using a pseudomorphic HFET 80820
Bangert, A., Schlechtweg, M., Reinert, W., Haydl, W.H., Hulsmann, A., Kohler, K. Monolithic integrated 75 GHz oscillator with high output power using a pseudomorphic HFET 80770
Bangert, A. *see* Schlechtweg, M. 80787
Bangert, E. *see* Becker, C.R. 61260
Bangert, U., Harvey, A.J. Influence of strain and composition on TEM speckle contrast and the morphology of quaternary layers 81308
Bangert, U. *see* Zhou, X. 81312
Bangham, J.A. Median and morphological scale space filtering and zero-crossings 64624
Bangham, J.A., Campbell, T.G., Aldridge, R.V. Multiscale median and morphological filters for 2D pattern recognition 84643
Bangham, J.A. *see* Chardaire, P. 64628
Bangham, J.A. *see* Impey, S.J. 64639
Bangham, J.A. *see* Salembier, P. 84951
Bangham, M., Hunt, M., Travers, T., Mancini, R. An integrated computer environment for power plant optimization 68421
Bangham, M., Hunt, M., Travers, T., Mancini, R. An integrated computer environment for power plant optimization 78369
Bangjian An *see* Haili Pan 59004
Bangjiao Ye, Wei Fan, Yangmei Fan, Xiaoqi Yu, Wen Mei, Zhongmin Wang, Rongdian Han, Zhenxi Xiao Development of a pulse shape discrimination circuit 59205
Bangren Shi *see* Shi Bangren
Bangwei Cai *see* Cai Bangwei
Bangyin Zhou *see* Zhou Bangyin
Banham, M.R., Brailean, J.C., Chan, C.L., Katsaggelos, A.K. Low bit rate video coding using robust motion vector regeneration in the decoder 84774
Banham, M.R., Gonzalez, H., Galatsanos, N.P., Katsaggelos, A.K. Multichannel restoration of single channel images using a wavelet decomposition 85006
Banhart, F., Nagel, N. Convergent-beam electron diffraction studies of epitaxial Si/SiO_2 systems 70026
Banisar, D. Security and privacy on the information highway 85444
Banitsch, R., Belmans, R., Stephan, R. Small axial flux motor with permanent magnet excitation and etched airgap winding 78650
Banjac, V., Heger, A.S. Mass optimization studies of gamma shield materials for space nuclear reactors 88704
Banjo, T. *see* Fujiwara, N. 55807
Banjo, T. *see* Maruyama, T. 55761
Banjo, T. *see* Maruyama, T. 55808
Bank, R.E., Chan, T.F. A composite step bi-conjugate gradient algorithm for nonsymmetric linear systems 61160
Banker, W.A., Nannery, P.R., Tarpey, J.W., Meyer, D.F., Piesinger, G.H. Application of high resolution radar to provide non-destructive test techniques for locating URD cable faults and splices 78095
Bankert, R.J., Gold, C.H., Imam, I., Colsher, R. Automated vibration diagnostics for large steam turbines 68455
Bankoff, S.G., Miksis, M.J., Kim, S., Gwinner, R. Design considerations for the rotating electrostatic liquid-film radiator 88702
Banks, H.T., Lester, H.C., Smith, R.C. A piezoelectric actuator model for active vibration and noise control in thin cylindrical shells 71878
Banks, H.T., Wang, Y., Inman, D.J., Slater, J.C. Variable coefficient distributed parameters system models for structures with piezoceramic actuators and sensors 71879
Banks, P.M. *see* Aguero, V. 88632
Bankston, R.G. The telcos move toward a global market: Economic and cultural implications for the Pacific island nations 96331
Bannister, D. *see* Yeo, S.P. 97840
Bannister, J. *see* Borgonovo, F. 75479
Bannister, J. *see* Fratta, L. 52617
Bannister, J. *see* Gerla, M. 52616
Bannister, J. *see* Kovacevic, M. 65768
Bannister, J.A. *see* Borgonovo, F. 65097
Bannister, J.A.R. *see* Foley, J.B. 55241
Bannister, R.L. *see* Newby, R.A. 60111
Bannister, R.W. *see* Hughes, J.R. 98226
Banno, H., Ogura, K. Piezoelectric properties of 'd_{31}-zero', 'd_{33}-zero' or 'd_h-zero' 1-3 or 2-2 type composite consisting of 0-3 subcomposite of polymer/$PbTiO_3$ and that of polymer/PZT 56114
Banno, K. *see* Zhu, Z. 91432
Bano, M., Ban, J. A density meter for solutions, solids, or dispersants 53060
Banon, G.J.F. *see* Barrera, J. 85119
Banon, G.J.F. *see* Barrera, J. 85120
Bansal, R. *see* Zhang-Ning Lu 82658
Bansal, S.C. *see* Tanwar, L.S. 75920
Bansal, S.K. *see* Lal, V. 88403
Bansky, J., Engemann, J., Polzer, E.K., Bartley, D., Case, E. Advanced processing and novel applications of hybrid multilayer green tapes 81101
Banta, R.M. *see* Hardesty, R.M. 77365
Bantly, J., Epstein, K., Fowler, J., Gao, G.S., Hlustick, R., Lanou, R.E., Nang, F., Partridge, R., Wang, L., Xu, H. The Level 0 trigger for the DØ detector 88241
Bantly, J., Epstein, K., Fowler, J., Gao, G.S., Hlustick, R., Lanou, R.E., Nang, F., Partridge, R., Wang, L., Xu, H. The Level 0 trigger for the D0 detector 98590
Bantly, J. *see* Avery, R.E. 59123
Bantly, J. *see* Avery, R.E. 59132
Banton, D.W., Mehalic, M.A. Associative memory comparison for target identification 59634
Bantyukov, E.N. A pulse-duration discriminator 52779
Banu, M. *see* Ota, Y. 52561
Banwet, D.K. *see* Chaterjee, J. 69515
Banyasz, I. A new model of practical holography 56968
Banyasz, I., Fimia, A., Belendez, A., Carretero, L. Nonlinear recording of amplitude holograms in Agfa 8E75HD: comparison of two developers 83393
Banyuk, G.F. *see* Brykov, S.I. 89478
Bao, G., Cassandras, C.G. First and second derivative estimators of a closed queuing network throughput using perturbation analysis techniques 69675
Bao, M. *see* Burrer, C. 66242
Bao, X., Webb, D.J., Jackson, D.A. Dynamic studies on a distributed temperature sensor with a 22 km sensing length 52905
Bao, X.-Q. *see* Sung, C.-C. 63108
Bao, Y. *see* Hsu, K. 98041
Bao, Y. *see* Tzou, H.S. 82161
Bao, Y. *see* Tzou, H.S. 93777
Bao, Z., Flachs, G.M. A new approach for locating multiple targets 74240
Bao Congxiao *see* Congxiao Bao
Bao Deyou Recent R&D program of hydrogen energy in China 78276
Bao Feng Increasing ranks of linear finite automata and complexity of FA public key cryptosystem 57375
Bao Feng *see* Gao Xiang 73668
Bao Feng *see* Feng Bao
Bao Gang *see* Gang Bao
Bao Hua Zhuang, Ji-Hua Zhang, Zhen Li, Keqian Lu Compact precision holographic optical probe 75928
Bao Naikeng *see* Naikeng Bao
Bao Xiao-Qi *see* Xiao-Qi Bao
Bao Xiaohui *see* Bai Yan 89739
Bao Xiaohui *see* You Dahai 68484
Bao Yankang, Glavitsch, H. Eigenvalue classification and inter-area oscillation control in power system 99537
Bao Yin Tang Development of plasma source ion implantation in China 62388
Bao Ying *see* Ying Bao
Bao Youli *see* Youli Bao
Bao Zheng, Liao Guisheng, Zhang Yubong An adaptive spatial-temporal processor with tolerant ability for airborne radars 97382
Bao Zheng *see* Li Youming 64411
Bao Zheng *see* Liao Guisheng 67950
Bao Zheng *see* Liao Guisheng 84567
Bao Zheng *see* Yang Jun 97418
Bao Zheng *see* Yang Kehu 84568
Bao-Fuh Yeh *see* Po-Rong Chang 66090
Bao-Fuh Yeh *see* Po-Rong Chang 75350
Bao-Fuh Yeh *see* Po-Rong Chang 86707
Bao-Hui Yuan *see* Tian-You Yuan 97921
Bao-Qi Guo *see* Guo Bao-Qi
Bao-Tong Ma, Sarkhel, A., Woychik, C. Evaluation of solder paste printing and reflow for ultra fine pitch surface mount process 92721
Bao-Wei Kang The temperature dependencies of forward blocking voltage and switching time for triple diffused bipolar-static-induction thyristors 81847
Bao-Wen Tzen *see* Fuh, A.Y.-G. 50575
Bao-Zong Yuan *see* Hong-Ying Zhang 95929
Bao-Zong Yuan *see* Yuan Bao-Zong
Baoan Gong *see* Tian-bing Xu 55715
Baofa Wang *see* Wang Baofa
Baohua Zheng Arbitrary allocation of center frequencies in signal detectors using the Goertzel algorithm 74126
Baojun Ge *see* Ge Baojun
Baojun Ning *see* Ning Baojun
Baokun Xu *see* Xu Baokun
Baolin Zhang *see* Youjie Ma 99513
Baolin Zhang *see* Zhang Baolin
Baomin Tang *see* Tang Baomin
Baomin Zheng *see* Zheng Baomin
Baoqing Zhou *see* Zhou Baoqing
Baoqun Cui *see* Weisheng Jiang 53209
Baosheng Sang *see* Sang Baosheng
Baowang Zhao *see* Guanggan Gao 86841
Baowen Wei *see* Wei Baowen
Baoxin Gao *see* Gao Baoxin
Baoxin Hu *see* Hu Baoxin
Baoyan Xie *see* Xie Baoyan
Baozong Yuan *see* Hongke Zhang 95518
Baozong Yuan *see* Yuan Baozong
Baptist, R. *see* Py, C. 62046
Baptiste, K. *see* Taylor, B. 67177
Baqai, F. *see* Hua, Y. 64453
Baqai, F.A., Hua, Y. Matrix pencil methods for ISAR image reconstruction 86554
Bar, E. *see* Marowsky, G. 63966
Bar, G. Contact resistance tests 92660
Bar, S. *see* Lardizabal, S. 81986
Bar, S. *see* Yau, W. 80827
Bar, S. *see* Yau, W. 92586
Bar Chaim, N. *see* Ungar, J.E. 94500
Bar-Chaim, N. *see* Chen, T.R. 63846
Bar-Cohen, A. Trends in the packaging of computer systems 79401
Bar-Cohen, A. Fundamentals of nucleate pool boiling of highly-wetting dielectric liquids 79419
Bar-Cohen, A., Krueger, W.B. Determination of the weighted-average case temperature for a single chip package 79429
Bar-Cohen, A., Sherwood, G., Hodes, M. Gas-assisted evaporative cooling of high density electronic modules 91075
Bar-Cohen, A. *see* Bergles, A.E. 79422
Bar-Cohen, A. *see* Hokanson, K.E. 92854
Bar-Cohen, A. *see* Krane, R.J. 79424
Bar-Cohen, A. *see* Nelson, R.D. 79334
Bar-David, I., Plotnik, E., Rom, R. Limitations of the capacity of the M-user binary adder channel due to physical considerations 74663

Bar-David, I. *see* Ayanoglu, E. 51326
Bar-Ness, Y., Messer, H., Silvian, G. Broadband interference cancelation using a bootstrapped approach 84283
Bar-Ness, Y. *see* Dinc, A. 84284
Bar-Ness, Y. *see* Kamel, R.E. 51146
Bar-Ness, Y. *see* Kamel, R.E. 74135
Bar-Noy, A., Kessler, I., Sidi, M. Mobile users: to update or not to update? 65621
Bar-Noy, A., Kipnis, S. Designing broadcasting algorithms in the postal model for message-passing systems 64969
Bar-Noy, A. *see* Awerbuch, B. 85357
Bar-Shalom, Y., Kumar, A., Blair, W.D., Groves, G.W. Tracking low elevation targets in the presence of multipath propagation 74014
Bar-Shalom, Y. *see* Blair, W.D. 75531
Bar-Shalom, Y. *see* Daeipour, E. 75530
Bar-Shalom, Y. *see* Li, X.R. 73954
Bar-Shalom, Y. *see* Li, X.R. 73958
Bar-Shalom, Y. *see* Li, X.R. 77205
Bar-Shalom, Y. *see* Raghavan, V. 73992
Bar-Shalom, Y. *see* Rago, C. 51544
Bar-Shalom, Y. *see* Rago, C. 57511
Barabanov, A.R., Bodrov, V.V., Lavretskiy, Y.I., Tsarapkin, D.O. Calculation of the parameters of the equivalent circuit of a radial-to-coaxial waveguide junction 83745
Barabanov, I.R., Cherehovsky, V.I., Domogatsky, G.V., Gurentsov, V.I., Gurski, A.B., Kopylov, A.V., Mikheyev, S.P., Orekhov, i.V., Ryasny, I.V., Zatsepin, G.T. Fluorine scintillator neutrino detector 59170
Barabas, M. *see* Kocsanyi, L. 94231
Barabas, U. *see* Zoz, J. 63807
Barabino, M., Frumento, P., Goncalves, A. Process and control faults detection: power plant supervisory system 89617
Baraboi, A., Hnatiuc, E., Adam, M. Study about one possibility of modelling of the electric arc 82135
Barac, T., Kallay, E., Salopek, Z., Cipcic, I. Satellite communication service system 'Neptun' 97209
Barachevsky, V.A. Light-sensitive media for holography: state-of-the-art and future 56973
Baradel, O., Nuttall, R. Comparison of corrosion rates evaluated from polarisation resistance and electrochemical impedance spectroscopy measurements 80015
Baragar, A. Integral solutions of Markoff-Hurwitz equations 91266
Baragiola, R.A. *see* Sullivan, P.A. 93131
Barak, J., Levinson, J., Zentner, A., David, D., Even, O., Hass, M., Iiberg, D., Lifshitz, Y. Study of single-event-upsets in PAL16R8 70379
Barak, V. *see* Kovac, M. 62953
Barakat, B. *see* Fenker, H. 67313
Barakat, M., Chen, Y., Conrad, S., Cooper, M., Dzemidzic, M., Flick, J.A., Gagliardi, C., Hungerford, E.V., Johnston, K., Kim, G.J., Lan, K., Liu, F., Lu, Y.C., Mayes, B.W., Mischke, R., Phelps, R., Pinsky, L.S., Semon, D., Tribble, R.E., Tang, L.G., Tu, X.L., van Ausdeln, L., Von Witsch, W., Wang, H.Z., Yao, X., Yi, W. Construction of the MEGA photon detector 98712
Barakat, N.A. *see* Radmanesh, M.M. 80723
Baraldi, A., Parmiggiani, F. A Nagao-Matsuyama approach to high-resolution satellite image classification 77320
Baraldi, L., Kunz, R.E., Meissner, J. High-precision molding of integrated optical structures 50540
Baraldi, P., Cavalcanti, S., Del Giudice, D., Lamberti, C., Sarti, A., Sgallari, F. Motion evaluation from synthesized 3-D echocardiograms 59261
Baram, Y. Corrective memory by a symmetric sparsely encoded network 73698
Baran, C.G. *see* Rozario, N. 57309
Baran, J.E. *see* d'Alessandro, A. 52569
Baran, L.S. The efficiency of automated process control systems 53915
Baran, L.S. A maintenance diagnostic system for a condenser: ergonomic aspects 53939
Baran, M.E., Goetze, A.J. Equivalent circuits of AC machines based on field analysis 78625
Baran, M.E., Kelley, A.W. State estimation for real-time monitoring of distribution systems 89212
Baran, M.E. *see* Harris, M.B. 68332
Baran, R.H. *see* Hanseok Ko 51533
Baranauskas, V. *see* Lopes, M.C.V. 62325
Barancok, D., Cirak, J., Tomcik, P. Some aspects of incorporation of Langmuir-Blodgett films into MIS structures 62322
Barandiaran, J.M. *see* Kraus, L. 71994
Barani, B., Tork, H.J. Services and supporting architecture of the ESA OBP system 86251
Baraniecki, M. *see* Dimolitsas, S. 84103
Baraniecki, M.R. *see* Dimolitsas, S. 65649
Baraniuk, R.G., Jones, D.L. Warped wavelet bases: unitary equivalence and signal processing 84279
Barankova, H. *see* Bardos, L. 70097
Baranoski, E.J., Steinhardt, A. Localized subspace projection 84457
Baranov, A.N., Fouillant, C., Grunberg, P., Lazzari, J.L., Gaillard, S., Joullie, A. High temperature operation of GaInAsSb/AlGaAsSb double-heterostructure lasers emitting near 2.1 μm 72892
Baranov, A.N., Imenkov, A.N., Sherstnev, V.V., Yakovlev, Yu.P. 2.7-3.9 μm InAsSb(P)/InAsSbP low threshold diode lasers 56748
Baranov, A.V. *see* Boksha, V.V. 62587
Baranov, I. *see* Lazarouk, S. 81552
Baranov, I.A. *see* Klyuenkov, V.M. 80676
Baranov, I.Ya. Multipurpose high-power electrogasdynamic CO laser 72701
Baranov, I.Ya. Generalised scaling of an electrogasdynamic CO combustion-product laser 94331
Baranov, P.G. *see* Wetzel, C. 70045
Baranov, S., Bregman, L. Synthesis of automata from elements with given constraints on their complexity 70399
Baranov, V.A., Chernyavski, N.N., Evtukhovich, P.G., Filippov, A.I., Fursov, A.P., Glazov, A.A., Khomutov, N.V., Kisel, I.V., Korenchenko, A.S., Korenchenko, S.M., Kostin, B.F., Kravchuk, N.P., Kuchinsky, N.A., Moiseenko, A.S., Mzhavia, D.A., Nekrasov, K.G., Povinec, P., Szarka, J., Smirnov, V.S., Tsamalaidze, Z.B., Vanko, J., Yakovlev, S.I., Zyazyulya, F.E. ARES—a spectrometer for the investigation of rare particle decays and rare nuclear processes 76849
Baranova, L.A., Read, F.H. Electrostatic electron-optical crossed lens with controlled astigmatism 64119
Baranova, N.B., Zel'dovich, B.Ya., Scully, M.O. Acceleration of charged particles by laser beams 53094
Baranovsky, A.E. *see* Demsky, M.I. 67022
Baranowski, J.H. Model of the transformer with a hysteretic core 70953
Baranowski, J.H. Modification of the model Jiles-Atherton [ferromagnetic hysteresis] 71963
Baranowski, J.M. *see* Babinski, A. 92955
Baranowski, S. *see* Lienard, M. 57107
Barariu, F. *see* Chiriac, H. 71993
Baras, J.S., Wolk, S.I. Wavelet based progressive classification of high range resolution radar returns 58475
Baras, J.S. *see* Berman, Z. 73988
Baras, J.S. *see* Berman, Z. 84541
Baras, J.S. *see* Frantzeskakis, E. 74106
Baras, J.S. *see* Kao, Y.-H. 84051
Baras, J.S. *see* Sidiropoulos, N.D. 74256
Baras, J.S. *see* Sidiropoulos, N.D. 74328
Baras, J.S. *see* Sidiropoulos, N.D. 74347
Baras, J.S. *see* Zhuang, Y. 57582
Barasa, W.A., O'Hara, J.J. A graded approach to setpoint and loop accuracy calculations [in nuclear power plants] 89437
Barashko, A.S. Asymptotic optimality of linear signature analyzers with respect to stationary errors 75896
Barashko, A.S. Mathematical principles of testing discrete devices by fragment counting 95443
Baratz, A., Gopal, I., Segall, A. Fault tolerant queries in computer networks 52109
Barba, D. *see* Delagnes, P. 74296
Barba, D. *see* Saad, A. 75546
Barba, D. *see* Senane, H. 74536
Barba, P.Di *see* Di Barba, P.
Barbagallo, S. *see* Camurati, P. 49445
Barbagallo, T. Intelligent middleware: Data overload relief 75040
Barbalat, O. Technological spinoff from accelerators—2 87613
Barbanera, S. *see* Parlato, L. 88306
Barbara, A.K., Devi, M., Timothy, K.I., Sharma, S. Microwave propagation in relation to atmospheric parameters over different terrains of Assam Valley 73349
Barbara, A.K. *see* Devi, M. 77345
Barbara, D., Clifton, C., Douglis, F., Garcia-Molina, H., Johnson, S., Kao, B., Mehrotra, S., Tellefsen, J., Walsh, R. The Gold Mailer 96557
Barbara, D., Imielinski, T. Sleepers and workaholics: Caching strategies in mobile environments 65342
Barbara, P., Costabile, G., Cappetta, L., Carapella, G. Stability of the zero voltage in long Josephson junctions coupled to a microwave resonator 50403
Barbara, P., Ustinov, A., Costabile, G. Experimental study of the interaction between fluxon arrays in stacked Josephson junctions 82369
Barbaric, Z., Marincic, A., Petrovic, G., Milovanovic, D. Thermal images generated by a line-scanning technique: statistical properties 74351
Barbarin, F. *see* Coue, E. 53046
Barbarino, G.C. *see* Ambrosio, M. 53341
Barbarino, G.C. *see* Arena, V. 98656
Barbaro, P.de *see* de Barbaro, P.
Barbaro-Galtieri, A. *see* Amidei, D. 98639
Barbaroux, J. *see* Cogitore, B. 78678
Barbas, M., Boucher, J.-M. Unsupervised Bayesian classification of remote sensing images using a pyramidal structure and the SEM algorithm 77291
Barbastathis, G.S., Capsalis, C.N. Calculations of homogeneous nonlinear film transmittivity using a self-consistent linearizing method 63981
Barbaste, R. *see* Askenazy, S. 83568
Barbato, C., Franceschini, F. Performance indicators for multicomponent dynamometers 76216
Barbato, E. *see* Hoffman, D.J. 49616
Barbato, R. *see* Redden, M. 88650
Barbe, D.F. *see* Henrickson, L.E. 81289
Barbe, M. *see* Barhdadi, A. 55536
Barbe, M. *see* Barhdadi, A. 81182
Barbe, M. *see* Cohen-Solal, G. 61292
Barber, D.C. *see* Avis, N.J. 67578
Barber, D.C. *see* Brown, B.H. 67551
Barber, D.G., LeDrew, E.F., Papakyriakou, T.N. The significance of the snow cover on sea ice to microwave scattering at 5.3 GHz 77515
Barber, F. *see* Botti, V. 75007
Barber, G.C. *see* Weimin Sun 73260
Barber, H.B., Augustine, F.L., Barrett, H.H., Dereniak, E.L., Matherson, K.J., Perry, D.L., Venzon, J.E., Woolfenden, J.M., Young, E.T. Gamma ray response of a 48×48 Ge PIN photodiode array with multiplexer readout 98851
Barber, H.B., Barrett, H.H., Dereniak, E.L., Hartsough, N.E., Perry, D.L., Rogulski, M.M., Woolfenden, J.M., Young, E.T., Roberts, P.C.T. A gamma-ray imager with multiplexer readout for use in ultra-high-resolution brain SPECT 59302
Barber, H.B. *see* Hartsough, N.E. 98842
Barber, H.B. *see* Matherson, K.J. 98844
Barber, H.B. *see* Rogulski, M.M. 59292
Barber, K.W., Callaghan, K.J. Improved overhead line conductors using aluminium alloy 1120 89318
Barber, R. *see* Fallahi, M. 50827
Barberis, E., Cartiglia, N., Dann, J., Dubbs, T., Noble, K., O'Shaughnessy, K., Rahn, J., Sadrozinski, H.F.-W., Wichmann, R., Ohsugi, T., Unno, Y., Miyata, H., Tamura, N., Yamamoto, K. Analysis of capacitance measurements on silicon microstrip detectors 88104
Barberis, E., Cartiglia, N., Dorfan, D.E., Rahn, J., Spencer, E.N., Wilder, M. A fast shaping amplifier-comparator integrated circuit for silicon strip detectors 67376
Barberis, E., Cartiglia, N., Dubbs, T., Dann, J., Noble, K., O'Shaughnessy, K., Rahn, J., Sadrozinski, H.F.-W., Wichmann, R., Ohsugi, T., Unno, Y., Miyata, H., Tamura, N., Yamamoto, K. Analysis of capacitance measurements on silicon microstrip detectors 98609
Barberis, E., Cartiglia, N., Hutchinson, D., Leslie, J., LeVier, C., Rahn, J., Rowe, W., Sadrozinski, H.F.-W., Yamamoto, K., Yamamura, K., Ohsugi, T., Unno, Y., Aso, T., Miyata, H., Tamura, N. Measurement of interstrip and coupling capacitances of silicon microstrip detectors 59063
Barberis, E. *see* Ziock, H.J. 76767
Barbero, C.J. *see* Ahmed, S. 71287
Barbero, M., Stroppiana, M. Video compression techniques and multilevel approaches 66032
Barbeschi, M. *see* Chiesa, V. 69448
Barbi, G.B., Santos Bianco, J., Baroffio, M., Agapito, J., Gutierrez, F.J. An SnO_2 based switching tunnel device for the detection of NO_2 in air at the sub ppm level 58888
Barbi, I., Fagundes, J.C., Cruz, C.M.T. A low cost high power factor three-phase diode rectifier with capacitive load 68824
Barbi, I. *see* Contreras, J.G. 100285
Barbi, I. *see* de Souza, A.F. 100283
Barbi, I. *see* Kassick, E.V. 60330
Barbi, I. *see* Santander, A.A. 68815
Barbier, C.E., Meyer, H.L., Nogarede, B., Bensaoud, S. A battery state of charge indicator for electric vehicle 69175
Barbier, L. *see* Crestel, J. 70637
Barbier, L.M. *see* Hof, M. 67310
Barbier, P.R., Li Wang, Moddel, G. Thin-film photosensor design for liquid crystal spatial light modulators 56442
Barbier, S. Systems management in the 1990s [telecommunications] 85551
Barbolla, J. *see* Duenas, S. 81211
Barbolla, J. *see* Duenas, S. 81454
Barbolla, J. *see* Pelaz, L. 49952
Barbosa, A.M. *see* Fernandes, C.A. 73477
Barbosa, A.M. *see* Topa, A.L. 57188
Barbosa, E.A., Frejlich, J., Prokofiev, V.V., Heraldo Gallo, N.J., Andreeta, J.P. Adaptive holographic interferometry for two-dimensional vibrational mode display 83346
Barbosa, F.Rudge *see* Rudge Barbosa, F.
Barbosa, H.J.C. *see* Chaves, M.B.F. 73437
Barbosa, L.C., MacDonald, C.E., Wolf, J.K. Array heads for estimating track misregistration 50355
Barbosa, L.C. *see* Che, X. 50364
Barbosa, L.C. *see* Yudong Liu 82934
Barbosa, P.S.F., Pereira, C.C., Sapia, P.M.A. A short term simulation model for the hourly operation of a hydro-electric system 78491
Barbot, J.P. *see* Djemai, M. 89961
Barbour, J.C. *see* Wampler, W.R. 93227
Barbre, B. *see* Balda, J.C. 67997

Barbucci, P., Trebbi, G. Biomass based systems for the generation or cogeneration of electricity 99957
Barcaccia, P., Bonuccelli, M.A. Polynomial time optimal algorithms for time slot assignment of variable bandwidth systems 85237
Barcia, E., Bostica, P., Grivet, M., Mattei, F. The TQI project: the Italian approach for a systematic assessment of connection quality 52035
Barcia, L.Alvarez *see* Alvarez Barcia, L.
Barclay, I., Holroyd, P., Taft, J. A sphenomorphic model for the management of the complex environment of a concurrent engineering programme 69449
Barclay, L.W. HF studies within the International Telecommunication Union 97011
Barclay, P.J., Jackson, S.J. Object-oriented programming transition strategies 85680
Barclay, R.O., Pinelli, T.E., Kennedy, J.M. Technical communication practices of Dutch and U.S. aerospace engineers and scientists: international perspectives on aerospace 60851
Barclay, R.P. The effect of indium an the electronic properties of arsenic triselenide 81254
Barcon, S. Power quality in Mexico: an overview and a practical case 68167
Barczewski, M. *see* von Ortenberg, M. 82505
Barczi, B. *see* Ballay, L. 67647
Barczi, J. *see* Kasztovszky, Z. 67645
Bard, J.K., Brady, R.L., Schwark, J.M. Processing and properties of silicon-carbon liquid encapsulants 91046
Bardai, Z. *see* Yau, W. 80827
Bardai, Z. *see* Yau, W. 92586
Bardeche, G. *see* Filiatre, C. 87156
Bardes, D. *see* Castaner, L.M. 49973
Bardetskii, A.M., Kokhanskii, A.I., Nagibnev, V.I. A system for automatic monitoring and signaling of the water concentration in water-fuel emulsions 90588
Bardi, I., Biro, O., Dyczij-Edlinger, R., Preis, K., Richter, K.R. On the treatment of sharp corners in the FEM analysis of high frequency problems 83433
Bardi, I., Dyczu-Edlinger, R., Biro, O., Preis, K. Edge finite element formulations for waveguides and cavity resonators 51195
Bardies, M., Chatal, J.-F. Absorbed doses for internal radiotherapy from 22 beta-emitting radionuclides: beta dosimetry of small spheres 67648
Bardnard, J.J., Caporaso, G.J., Yu, S.S., Eylon, S. One dimensional simulations of transients in heavy ion injectors 67052
Bardos, L., Nyberg, T., Barankova, H., Berg, S. Effect of the space charge sheath on properties of carbon and diamond films in the r.f. plasma jet 70097
Bardos, R.A. *see* Bates, S.J. 53308
Bardos, R.A. *see* Borer, K. 53347
Bardou, O., Sidahmed, M. Early detection of leakages in the exhaust and discharge systems of reciprocating machines by vibration analysis 95442
Bardwell, J.A. *see* Landheer, D. 55734
Bardy, J. *see* de Mascureau, J. 67025
Bardy, J. *see* Eyharts, Ph. 66799
Bardyszewski, W. *see* Deng-Ping Xue 63484
Bare, H.F. *see* Boncek, R.K. 52584
Bareikis, V. *see* Aninkevicius, V. 62274
Bareket, R., Or-Chen, Y., Peleg, N., Spiro, G., Tzifronin, O. Fractal image compression using a Motorola DSP96002 74521
Barel, A. *see* Van den Broeck, T. 98176
Barel, M.Van *see* Van Barel, M.
Barenboim, G. *see* Chambaudet, A. 88578
Barendse, V. *see* McDougal, P. 58356
Barengolz, Yu. Processes in a formed sandwich system with a composite upper electrode 71252
Baret, J.-P., Guimbail, H., Crochon, J.-P. WANO's involvement with the nuclear installation at Kozloduy, Bulgaria 78284
Barg, S. On small families of sequences with low periodic correlation 73645
Bargallo, J.M., Roberts, J.A. Use of the exponential multipath profile model to predict the performance of indoor radio systems using combined antenna and spread-spectrum diversity 75305
Bargallo, J.M. *see* Roberts, J.A. 52417
Bargar, W.L. *see* Taylor, R.H. 67628
Bargery, C. Hyper page mode DRAM 80341
Barghi, H., Cronenwett, W.T., Bredeson, J.G. Real-time analysis of reservation-based CSMA/CD protocols for two priority classes 85331
Barghouthi, R.T., Stuber, G.L. Rapid sequence acquisition for DS/CDMA systems employing Kasami sequences 58292
Barghouti, N.S., Rosenblum, D.S. A case study in modeling a human-intensive, corporate software process 96923
Barhdadi, A., Barbe, M., Riviere, A., Maurice, J.-L. Electron-beam-induced current quantitative mapping: application to Si solar cells 55536
Barhdadi, A., Sivothothaman, S., Barbe, M., Rodot, M., Maurice, J.-L. Investigation of minority carrier diffusion length in multicrystalline silicon by quantitative electron beam induced current mapping 81182
Barhen, J. *see* Rosen, J. 50965
Bari, M.A. *see* Ghyselen, B. 82382
Baribeau, J.-M. *see* Landheer, D. 93434
Baribeau, J.-M. *see* Lu, Z.H. 92991
Barich, G.S., Cavina, A., Pilato, F. Techniques to enhance distribution network management 68195
Barikhin, B.A., Ivanov, A.Yu., Kudryavkin, E.V., Nedolugov, V.I. Two-pulse dye laser with flashlamp excitation 56643
Baril, M. *see* Janvier, C. 79182
Barile, E.C. *see* Fante, R.L. 73966
Barile, J. DSP based two-dimensional bar code laser scanning system 70668
Barillet, R. *see* Venot, D. 86870
Barillon, R., Klein, D., Chambaudet, A., Devillard, C. Comparison of effectiveness of three radon detectors (LR115, CR39 and silicon diode pin) placed in a cylindrical device—theory and experimental techniques 88577
Barillon, R. *see* Klein, D. 87979
Barillot, C. *see* Stassinopoulos, E.G. 71645
Barilovich, V.A. Hydro-steam turbine application in geothermoelectric generation 53956
Barinberg, G.D. *see* Alekso, A.I. 89622
Baringer, W.B., Brodersen, R.W. MCMs for portable applications 54506
Bariniuk, R.G. *see* Jones, D.L. 84409
Barinova, E.S. *see* Aver'yanov, S.G. 83342
Barinova, Y. *see* Koshelev, O.G. 69002
Barish, J. *see* Miller, T.E. 74122
Barjenbruch, U. Highly sensitive magnetic sensor 66265
Barkauskas, A.E. Efficient dominating sets in spanning trees 61112
Barkay, N. *see* German, A. 56340
Barkema, G.T. *see* Kolstein, M. 74343
Barker, D. A practical guide to arbitrary waveform generators 87343
Barker, D. *see* Hu, J.M. 69568
Barker, D.A. *see* Fuhr, P.L. 98070
Barker, D.A. *see* Huston, D.R. 90702
Barker, D.B., Sidharth Local PWB and component bowing of an assembly subjected to a bending moment 69562
Barker, D.B. *see* Gupta, V.K. 70988
Barker, J.R., Roy, S., Babiker, S. Trajectory representations, fluctuations, and stability of granular electronic devices 71271
Barker, J.R. *see* Cluckie, J. 62290
Barker, M.D. *see* Bueno, C. 59240
Barker, M.F. *see* Manca, J. 92822
Barker, P. Experiences in providing a white pages directory service based on the X.500 standard 74808
Barker, P. Providing the X.500 directory user with QOS information 96742
Barker, P.H. Aligning a Ge detector using the $^{19}F(p,\alpha\gamma)$ reaction 67301
Barker, P.P., Burke, J.J., Mancao, R.T., Short, T.A., Warren, C.A., Burns, C.W., Siewierski, J.J. Power quality monitoring of a distribution system 68330
Barker, R.W., Klutke, G.-A., Hinich, M.J., Ramirez, C.N., Thornhill, R.J. Development and application of a statistically based feature extraction algorithm for monitoring tool wear in circuit board assembly 58626
Barker, T., Macht, A., Johansen, J., Rodriguez, I., Ruymbeke, J.V. The management of a pan-European ATM network: The X interface 96490
Barkeshli, S., Lautzenheiser, R.G. An iterative method for inverse scattering problems based on an exact gradient search 83603
Barkhudarov, A.E. *see* Askaryan, G.A. 67881
Barklie, R.C. *see* Stolk, P.A. 62200
Barklow, T. *see* Adolphsen, C. 76537
Barkov, V.S. *see* Podobedov, E.G. 69155
Barlabanov, V.V., Savinov, Yu.A., Korsak, V.F. Efficiency of using broadband signals with pseudorandom retuning of the operating frequency in conditions of multifrequency interference 57487
Barlage, D. *see* Kruse, J. 98286
Barlage, D. *see* Shih, C.-G. 86506
Barlaud, M., Sole, P., Gaidon, T., Antonini, M., Mathieu, P. Pyramidal lattice vector quantization for multiscale image coding 74327
Barlaud, M., Sole, P., Moureaux, J.M., Antonini, M., Gauthier, P. Elliptical codebook for lattice vector quantization 85058
Barlaud, M. *see* Antonini, M. 85154
Barlaud, M. *see* Charbonnier, P. 88460
Barletta, A., Zanchini, E. Time averaged temperature distribution in a cylindrical resistor with alternating current 55436
Barletta, B., Chattopadhyay, S., Chen, P., Cline, D., Craddock, W., Gabella, W., Hsu, I., Katsouleas, T., Kwok, P., Lai, P., Leemans, W., Liou, R., Meyerhofer, D.D., Nakajima, K., Nakanishi, H., Ng, C.K., Nishida, Y., Norem, J., Ogata, A., Rajagopalan, S., Rosenzweig, J., Sessler, A., Spencer, J., Su, J.J., Westenskow, G., Whittum, D., Williams, R., Wurtele, J. Plasma-lens experiments at the Final Focus Test Beam 76636
Barletta, W., Zisman, M.S., Bell, R.A., Dorfan, J.M. PEP-II design update and R&D results 76338
Barletta, W. *see* Caderon, M. 87645
Barletta, W.A. Challenges on the high luminosity frontier of e^+e^- factories 76432
Barletta, W.A. Energy and luminosity limits of hadron supercolliders 87642
Barletta, W.A., Bellomo, L., Gemme, G., Parodi, R., Stagno, V., Variale, V. Design study for the ELFA linac 67060
Barletta, W.A., Sessler, A.M. Characteristics of a high energy $\mu^+\mu^-$ collider based on electro-production of muons 98427
Barletta, W.A. *see* Acerbi, E. 63871
Barletta, W.A., Leutz, H. *(editors)* Supercolliders and Superdetectors. Proceedings of the 19th and 25th Workshops of the INFN Eloisatron Project 90771
Barlev, A. *see* Hilu, M. 82827
Barley, R.D., Hutte, R.S., O'Neill, K.J. Application of TOC monitoring in semiconductor manufacturing 93108
Barlik, R. *see* Grochal, P. 78719
Barlow, D. *see* Haworth, M. 76408
Barlow, D.B., Fortgang, C.M., Gilpatrick, J.D., Meyer, R.E., Rendon, A.M., Warren, D.S., Wilke, M.D. Prototype flying-wire beam-profile monitor 76606
Barlow, D.B., Kraus, R.H., Jr., Martinez, R.P., Meyer, R.E. Variable-field permanent-magnet quadrupole for the SSC 87689
Barlow, D.B., Kraus, R.H., Jr., Meyer, R.E. Variable-field permanent-magnet dipole 87688
Barlow, F., Abdel Naby, M., Joshi, A., Elshabini-Riad, A. Comprehensive evaluation of ITO thick films produced under optimum annealing conditions 62197
Barlow, R. The longitudinal coordinate from "Double Diamond" tapered cathode pad readout 98512
Barlow, S.W. The role of The Royal Academy of Engineering 69373
Barman, H., Granlund, G., Haglund, L. Feature extraction for computer-aided analysis of mammograms 59272
Barman, S.R., Sanyal, A.N. Development of a unique micro processor based loss of field protection and control scheme for nonsalient pole synchronous generators 54001
Barman, S.R. *see* Arico, A.S. 68993
Barmann, P. *see* Sunesson, A. 82169
Barmashenko, B.D., Elior, A., Lebiush, E., Rosenwaks, S. Modeling of mixing in chemical oxygen-iodine lasers: Analytic and numerical solutions and comparison with experiments 72683
Barmenkov, Yu.O., Belyakov, V.A., Bender, S.E., Kozhevnikov, N.M., Medvedev, A.A. Faraday fiber-optic current sensor with compensation for linear birefringence 52884
Barna, A. *see* Menyhard, M. 93032
Barna, G. *see* Butler, S.W. 90939
Barna, G.G., Loewenstein, L.M., Robbins, R., O'Brien, S., Lane, A., White, D.D., Jr., Hanratty, M., Hosch, J., Shinn, G.B., Taylor, K., Brankner, K. MMST manufacturing technology—hardware, sensors, and processes 62351
Barna, G.G., Moslehi, M.M., Yong Jin Lee Sensor needs for IC manufacturing 50057
Barna, G.G. *see* Mozumder, P.K. 55780
Barna, P.B. *see* Pecz, B. 81356
Barna, S.L. *see* Gruner, S.M. 59234
Barnard, C., Myslinski, P., Chrostowski, J., Kavehrad, M. Analytical model for rare-earth-doped fiber amplifiers and lasers 82972
Barnard, C.W., Chrostowski, J., Kavehrad, M. Orthogonal-polarization reflective star couplers 94123
Barnard, E. *see* Muthusamy, Y.K. 95235
Barnard, E. *see* Odendaal, J.W. 97401
Barnard, J. *see* Rutkowski, H.L. 66802
Barnard, J. *see* Yu, S. 67027
Barnard, J.A. *see* Parker, M.R. 72194
Barnard, J.A. *see* Qiu, G. 71990
Barnard, J.J. *see* Caporaso, G.J. 67028
Barnard, J.J. *see* Sharp, W.M. 67033
Barnard, J.M., van Wyk, J.D., Dunford, W.G. Battery operated wheelchairs, using 3-phase cage rotor induction machines and PWM inverters 88564
Barnard, K. *see* Driggers, R.G. 76082
Barnard, K.J., Watson, E.A., McManamon, P.F. Nonmechanical microscanning using optical space-fed phased arrays 98084
Barnard, R.D. *see* Henderson, C.L. 62946
Barneoud, D. *see* Beraud, R. 67398
Barner, J.B. *see* Hunt, B.D. 82358
Barner, J.B. *see* Hunt, B.D. 93935
Barner, J.B. *see* Javadi, H.H.S. 97217
Barner, J.R. *see* Nagaraj, K. 70782
Barner, K.E., Arce, G.R. Permutation filters: a class of nonlinear filters based on set permutations 57544
Barner, K.E. *see* Hardie, R.C. 51621
Barner, K.E. *see* Hardie, R.C. 84556
Barnes, A.D. *see* Allen, P.C. 76133
Barnes, C. *see* Kim, Q. 70493
Barnes, C. *see* Parsons, B.K. 93985
Barnes, C.A. *see* Greife, U. 98550
Barnes, C.E. *see* Greenwell, R.A. 72314

Barnes, C.F. A new multiple path search technique for residual vector quantizers 57402
Barnes, C.F. *see* Kossentini, F. 85060
Barnes, C.L. *see* Eichorst, D.J. 70151
Barnes, C.W. *see* Brown, S.K. 53271
Barnes, D.J., Nicholas, R.J., Warburton, R.J., Mason, N.J., Walker, P.J., Miura, N. Observation of magnetic-field-induced semimetal-semiconductor transitions in crossed-gap superlattices by cyclotron resonance 55592
Barnes, F. *see* Huey-Daw Wu 80910
Barnes, F.S. *see* Wachtel, H. 60780
Barnes, F.S. *see* Wu, H.-D. 92491
Barnes, G.G. *see* Anderson, D. 60069
Barnes, G.T., Xizeng Wu, Colleen Sanders, P. Scanning slit chest radiography: a practical and efficient scatter control design 53386
Barnes, H. *see* Fletcher, J. 67952
Barnes, J.O. *see* Goto, M. 92335
Barnes, L.J. *see* McManamon, P.F. 65928
Barnes, L.J. *see* Watson, E.A. 94568
Barnes, L.J. *see* Watson, E.A. 94569
Barnes, M.J., Wait, G.D. Optimization of speed-up network component values for the 30 Ω resistively terminated prototype kicker magnet 67184
Barnes, M.J. *see* Tran, H.J. 87715
Barnes, M.J. *see* Wait, G.D. 67165
Barnes, M.J. *see* Wait, G.D. 87777
Barnes, M.J. *see* Waters, G. 67229
Barnes, P. *see* Graber, J. 67093
Barnes, P. *see* Graber, J. 67094
Barnes, P. *see* Graber, J. 67095
Barnes, P. *see* Kirchgessner, J. 67104
Barnes, P. *see* Kirchgessner, J. 67105
Barnes, P. *see* Moffat, D. 67056
Barnes, P. *see* Moffat, D. 67120
Barnes, P. *see* Nordberg, E. 66815
Barnes, R. *see* Reilly, M. 97022
Barnes, S.B., Jr. *see* Crouch, W.W. 78455
Barnes, T.H., Eiju, T., Kokaji, S., Matsuda, K., Yoshida, N. Bistable optically writable image memory using phase-only spatial light modulator 56328
Barnett, A.M. *see* Bai, Y. 100474
Barnett, A.M. *see* Collins, S.R. 90420
Barnett, A.M. *see* Rand, J.A. 100640
Barnett, B. *see* Amidei, D. 98639
Barnett, C.W., Chadwick, J.W., Jr., Drum, P.R., Khunkhun, K.J., Kotheimer, W.C., Kotos, P.A., Linders, J.R., Smaha, D.W., Walton, J.W., Winston, P.B., Zocholl, S.E., Jr. Relay performance considerations with low ratio CTS and high fault currents 54066
Barnett, I., Benincasa, G., Berrig, O., Brun, R., Burla, P., Coudert, G., Pett, J.G., Pittin, R., Royer, J.P., Trofimov, N. The CERN control protocol for power converters 76827
Barnett, M., Shuler, L., van de Geijn, R., Gupta, S., Payne, D.G., Watts, J. Interprocessor collective communication library (InterCom) 58041
Barnett, R.J. *see* Cook, G.E. 69272
Barnett, S.A. *see* Millunchick, J.M. 70049
Barnett, S.M., Phoenix, S.J.D. Information-theoretic limits to quantum cryptography 64284
Barnett, S.M. *see* Townsend, P.D. 97315
Barnett, T.G. *see* Millar, J. 77030
Barnett, T.P. *see* Goldstein, R.M. 59570
Barnhart, C. *see* Vance, P.H. 54707
Barnhart, C.M., Wieselthier, J.E., Ephremides, A. Improvement in simulation efficiency by means of the standard clock: a quantitative study 85274
Barnhart, C.M. *see* Weiselthier, J.E. 65593
Barnhart, C.M. *see* Wieselthier, J.E. 52319
Barnhart, C.M. *see* Wieselthier, J.E. 65573
Barnhart, D.H., Adrian, R.J., Papen, G.C. Phase-conjugate holographic system for high-resolution particle-image velocimetry 94706
Barnhart, E.N. The Georgia Vocational Education Network: Training, economic, and technical implications 85496
Barnhart, W.A. *see* Hindson, W.S. 67687
Barni, M., Cappellini, V., Mecocci, A. Fast vector median filter based on Euclidean norm approximation 73998
Barni, M. *see* Alparone, L. 57771
Barni, M. *see* Alparone, L. 84837
Barnsley, P.E. *see* Hunter, D.K. 58429
Barnsley, P.E. *see* Legg, P.J. 57953
Barnwell, P., Jackson, T. Low profile, high frequency, power supplies using thick film planar transformers 91871
Barnwell, P. *see* Brown, G. 69598
Barnwell, P. *see* Brown, G. 92676
Barnwell, T.P., III *see* McCree, A.V. 73870
Barnwell, T.P., III *see* Nayebi, K. 55340
Barnwell, T.P., III *see* Sodagar, I. 84254
Barnwell, T.P., III *see* Sodagar, I. 95612
Barny, P.Le *see* Le Barny, P.
Baro, M.D. *see* Hewak, D.W. 56726
Baroffio, M. *see* Barbi, G.B. 58888
Baron, E. *see* Auger, G. 98385
Baron, J. *see* Piket-May, M. 70344
Baron, S., Wilson, W.R. MPEG overview 74408
Baron, S.N. An overview of the DTTB model 66017
Baron, S.N. Digital television system scalability and interoperability 97591
Baron, T., Tatarenko, S., Saminadayar, K., Magnea, N., Fontenille, J. Plasma nitrogen doping of ZnTe, $Cd_{1-x}Zn_xTe$ and CdTe by molecular beam epitaxy 81420
Baron Van Till, J.W.J. Visions on the combination of SDH, ATM and LAN's as seen from the customer side 52183
Baronak, I., Caniga, V., Petenyi, L. On the solution of problems with electronic switching systems 52281
Baronak, I., Kobza, Z. Electronic telephone directory 58081
Barone, A. *see* Cristiano, R. 63296
Barone, D. *see* Uebel, L.F. 49594
Barone, F., Di Fiore, L., Milano, L., Russo, G. A digital approach to automatic control of a long-baseline interferometric antenna for gravitational wave detection 97824
Baronti, M., Lewicki, G. Strongly unique minimal projections on hyperplanes 69815
Baronti, S., Casini, A., Lotti, F., Alparone, L. Content-driven differential encoding of an enhanced image pyramid 95796
Baronti, S., Del Frate, F., Paloscia, S., Pampaloni, P., Schiavon, G., Solimini, D. SAR polarimetric features of agricultural areas 77655
Baroth, E.C. Data acquisition systems using personal computers and graphical programming language 97816
Barouch, E., Hollerbach, U., Orszag, S.A. Aerial image of 3D phase-shifted reticle—3D FAIM 71493
Barouch, E. *see* Spence, C. 71754
Baroudi, U., Hassan, E. Performance of different pulse shapes on frequency-selective fading (FSF) 51105
Barov, N., Pellegrini, C., Sandweiss, J. An inverse free electron laser driven linear collider electron-positron B-factory 76633
Barov, N., Rosenzweig, J. Propagation of short electron pulses in underdense plasmas 76634
Barov, N. *see* Hartman, S.C. 66998
Barov, N. *see* Pellegrini, C. 76425
Barr, A.H. *see* Kirk, D.B. 56063
Barr, D.A., Long, L., Kernohan, W.G., Mollan, R.A.B. Continuous passive motion in computer assisted auscultation of the knee 76993
Barr, D.P. Limitations in the conversion of non-fully monopulse linearly polarized data to circularly polarized monopulse data 53581
Barr, D.S., Gilpatrick, J.D. Comprehensive beam jitter study for the commissioning of the intermediate matching section and drift tube linac at Ground Test Accelerator 76452
Barr, G.D. *see* Fanti, V. 76788
Barr, J.R. *see* Schuette, M.A. 93656
Barr, J.R.M. *see* Perry, I.R. 63690
Barr, J.R.M. *see* Webjorn, J. 56921
Barr, L. *see* Ginley, D.S. 82332
Barr, P.C. Event coordination of the FIRE system 52636
Barr, R., Armstrong, T.R., Arrell, S. The use of a GPS-equipped aircraft as a mobile platform to study the propagation of Omega navigation signals 65947
Barr, R.E. *see* Ferdjallah, M. 76878
Barr, S. In the market for a good coupler? 56339
Barra, L., Coiante, D. Annual energy production and room temperature effect in siting flat plate photovoltaic systems 53971
Barrada, M. *see* Bath, A. 48983
Barragy, E., Carey, G.F., van de Geijn, R. Performance and scalability of finite element analysis for distributed parallel computation 54796
Barranco-Luque, M. *see* Gusewell, D. 76381
Barrat, S., Dieguez, I., Michel, H., Bauer-Grosse, E. Morphometric analysis of diamond crystals elaborated by microwave plasma assisted chemical vapour deposition: application to textured films 70095
Barratt, M. ATM survivability in the SONET world 97266
Barrau, S. *see* Mage, J.C. 82321
Barraud, A., Perez, H. Conductimetric gas sensors based on Langmuir-Blodgett films 76100
Barraud, A. *see* Bolbach, G. 52972
Barraud, A. *see* Clemendot, S. 66578
Barraud, A. *see* Hesto, P. 49992
Barraza, J., Shu, D., Kuzay, T.M. Front end support systems for the Advanced Photon Source 87754
Barraza, J. *see* Shu, D. 87751
Barre, A.G. Flash memory—magnetic disk replacement? 49433
Barre, E. Ionos transmission network management system 96486
Barreiro, F. *see* Bock, B. 53325
Barreiro, F. *see* Gingrich, D. 53291
Barrelet, E., Borhani, A., Castera, A., Canton, B., Dagoret, S., Denance, J.P., Imbaut, D., Kovacs, F., Lacour, D., Lamarche, F., Moreau, F., Sirois, Y., Yiou, T.P., Zitoun, R. Performance studies of lead/scintillating-fibre calorimeters in the 1 to 10 GeV range 67352
Barrenscheen, H.-J. *see* Hoenen, F. 88137
Barrera, J., Banon, G.J.F., de Alencar Lotufo, R. Mathematical morphology toolbox for the KHOROS system 85120
Barrera, J., da Silva, F.S.C., Banon, G.J.F. Automatic programming of binary morphological machines 85119
Barrera, R. *see* Gonzalez, G.D. 87167
Barrero, F. *see* Galvan, E. 69099
Barret, M., Benidir, M. A new algorithm to test the stability of 2-D digital recursive filters 57506
Barret, M., Benidir, M. On the optimality of the classical stability criteria for 1-D and 2-D digital recursive filters 80447
Barret, M., Benidir, M. On the boundary of the set of Schur polynomials and applications to the stability of 1-D and 2-D digital recursive filters 95580
Barret, S. *see* Serre, C. 71373
Barreto, A.B., Principe, J.C., Reid, S.A. An on-line system for intraoperative focus localization from array electrocorticography 88499
Barrett, G.A. Microprocessor evolution and technology impact 70619
Barrett, H.H. *see* Barber, H.B. 59302
Barrett, H.H. *see* Barber, H.B. 98851
Barrett, H.H. *see* Hartsough, N.E. 98842
Barrett, H.H. *see* Matherson, K.J. 98844
Barrett, H.H. *see* Rogulski, M.M. 59292
Barrett, J.I. *see* Redfern, M.A. 59979
Barrett, J.I. *see* Redfern, M.A. 60004
Barrett, J.R., Skaar, E.C. Automated system for processing of PLZT powders derived from acetate precursors 54986
Barrett, J.S., Green, M.A. A statistical method for evaluating electrical failures 78176
Barrett, M., Arnott, R. Adaptive antennas for mobile communications 83861
Barrett, S.F. *see* Jerath, M.R. 59399
Barretta, L., Biscaglia, V. Disturbances on electrical networks 78094
Barrette, J. *see* Bayraktaroglu, B. 61932
Barrette, J. *see* Merkel, K.G. 62699
Barrick, D.E. Networking multiple HF radar systems with common coverage overlap 77541
Barrientos, E.M. *see* Werneck, M.M. 76962
Barrientos, M. *see* Chakravarti, P.C. 79530
Barriga, A. *see* Baturone, I. 55350
Barriga, A. *see* Huertas, J.L. 49588
Barriga, A. *see* Huertas, J.L. 62993
Barrio, G.Carpintero del *see* Carpintero del Barrio, G.
Barrio, J. *see* Lin, K.P. 98828
Barrios, J., Williams, D., Cogan, J., Smith, J. Frequency domain measurement of meteorological range from aircraft images 59548
Barrios, L.J., Ruiz, A., Bustos, P., Ibanez, A. Building the knowledge base of a production system from the raw data of a multi-sensor system 66205
Barriot, E. Alcatel 4400: an open-ended business communication system 51953
Barriot, E. *see* Cornillon, A. 96414
Barriskill, D. *see* Shields, J. 66022
Barritt, D.R. Ensuring public safety in PLC controlled water treatment plants 60668
Barrom, S., Bray, A., Song Cheng, Elike, J., Hong Fan, Lane, A.M., Nikles, D.E. Studies into the use of waterborne coating formulations for the preparation of magnetic tape 63220
Barron, A.R. *see* Power, M.B. 49005
Barron, C.C., Mahon, C.J., Thibeault, B.J., Wang, G., Jiang, W., Coldren, L.A., Bowers, J.E. Resonant-cavity-enhanced pin photodetector with 17 GHz bandwidth-efficiency product 97999
Barron, C.C. *see* Coldren, L.A. 63907
Barron, R.R., Schultheis, D.M. The ARSR-4 high fidelity solid state transmitter 97406
Barros, C. *see* Xiaosong Li 81924
Barros, H.M. *see* Carneiro, S., Jr. 68178
Barros, J., Drake, J.M. Realtime fault detection and classification in power systems using microprocessors 78234
Barros, L.E.M.de, Jr. *see* de Barros, L.E.M., Jr.
Barros, M.R.X.de *see* de Barros, M.R.X.
Barros, M.S.S., Nowosad, A.G., De Andrade Amorin, M.C. On initialization of back propagation neural networks for land cover classification using satellite imageries 77224
Barros, M.T.Correia de *see* Correia de Barros, M.T.
Barros, S.P.V. *see* Tut San Guan 50638
Barroso, J.J. *see* Castro, P.J. 80641
Barroso, J.J. *see* Spassovsky, I.P. 83521
Barroso, V., Geada, P., Gomes, J.P. Real time DSP based underwater communications 75521
Barroso, V.A.N., Moura, J.M.F. l_2 and l_1 beamformers: recursive implementation and performance analysis 64482
Barrow, D.A. *see* Laughton, F.R. 63429
Barrow, J. *see* Simmons, D. 85660
Barrow, S. *see* Wuosmaa, A.H. 67386
Barrue, R. *see* Escobar, M.A. 71992
Barruncho, L.M., Liu, C.C., Ekwue, A.O., Esp, D.G., Macqueen, J.F., Vaughan, B.W. Application of a knowledge based system for voltage monitoring and control on the NGC system 59753
Barry, A., Sheppard, D. High speed data acquisition system for large area proportional counters 98616
Barry, A., Stanton, D. Campus wide information system access 58120

Barry, A., Stanton, D. Glossary: Australian electronic library and network developments 58121
Barry, C.H. *see* Shun-Lin Su 82008
Barry, D.C. Upgrading the Anglo-Scottish Interconnection: the view from the South 59803
Barry, D.T. *see* Wood, J.C. 74195
Barry, D.T. *see* Wood, J.C. 74196
Barry, J.R. *see* Kahn, J.M. 65249
Barry, N.P., Hyde, S.C.W., Mellish, R., French, P.M.W., Taylor, J.R., van der Poel, C.J., Valster, A. All-solid-state femtosecond diode-pumped Cr:LiSAF regenerative amplifier 94409
Barry, R.A., Humblet, P.A. On the number of wavelengths and switches in all-optical networks 52595
Barry, T., Solz, T., Reising, J., Williamson, D. The simultaneous use of three machine speech recognition systems to increase recognition accuracy 84182
Barry, T. *see* Reising, J.M. 77158
Barry, T.S. *see* Cordaro, M.H. 94064
Barry, W., Byrd, J.M., Corlett, J.N., Hinkson, J., Johnson, J., Lambertson, G.R., Fox, J.D. Design of the ALS transverse coupled−bunch feedback system 76435
Bars, J.Le *see* Le Bars, J.
Bars, P.Le *see* Le Bars, P.
Barsan, N., Ionescu, R. SnO_2-based gas sensors as chromatographic detectors 66538
Barsan, N., Ionescu, R., Vancu, A. Calibration curve for SnO_2-based gas sensors 66531
Barsanti, M.L. *see* Choi, J.J. 81154
Barschdroff, D., Gartner, U. Adaptive condensed nearest neighbour network with an interruptible retraining mode for speech recognition 73922
Barsotti, E. *see* Gonzalez, H.L. 74734
Barsotti, E., Jr., Crisp, J. Preliminary design of the beam position detectors for the Fermilab Main Injector 98453
Barsotti, E., Jr. *see* Foley, M. 87917
Barsotti, E.L. A frequency-domain directivity enhancement of beam position stripline detectors 76621
Barsoum, N.N. Vibration in turbine/generator system under control 89821
Barsov, V.I. *see* Dolgov, V.I. 74022
Barstow, S.F. *see* Engen, G. 77505
Barsukov, K.A., Gevorkyan, E.A. Theory of the interaction of electromagnetic waves with a periodic nonuniform dielectric plate 57184
Barsukov, K.A. *see* Arutyunyan, Kh.S. 51167
Bart, S. *see* Torti, R. 75959
Bartalucci, S., Boni, R., Gallo, A., Palumbo, L., Parodi, R., Serio, M., Spataro, B. The RF cavity for DAΦNE 67061
Bartarseh, I. *see* Juanyu Bu 100278
Bartek, M., Gennissen, P.T.J., Sarro, P., French, P.J., Wolffenbuttel, R.F. An integrated silicon colour sensor using selective epitaxial growth 58792
Bartel, W., Fingberg, H.-D. Adaptive clock regeneration for constant bit rate video signals 58568
Bartel, W. *see* Hessenmuller, H. 86797
Bartel, W. *see* Hessenmuller, H. 97634
Bartelink, M., van der Veen, E., Voss, W. Cooperative, forward-looking community and industrial energy supply 89688
Bartels, A. *see* Hansen, K. 92945
Bartels, A.L. *see* Bradford, M. 53989
Bartels, F., Morris, J.W., Jr., Dalke, G., Gust, W. Intermetallic phase formation in thin solid-liquid diffusion couples 81569
Bartels, K.A., Bovik, A.C. Shape change analysis and shape modeling using three dimensional biomedical images 88454
Bartels, K.E. *see* Schafer, S.A. 59401
Bartelson, L. Linac pulsed quad power supply 66828
Bartelson, L. *see* Kirchgessner, J. 67104
Bartelt, H. *see* Niewisch, J. 66375
Bartelt, M.W., Swetits, J.J. Characterization of the local Lipschitz constant 61142
Bartenev, V. *see* Anishchenko, N. 94012
Barteneva, O.A., Kalugin, D.E., Reshetkina, I.V. Effect of spatial filtering on the image quality or typical subjects of amateur photography 57735
Barth, F. *see* Forstmann, G.G. 63821
Barth, J.E. *see* Seijbel, L.J. 83518
Barth, M., Hess, P., Mollekopf, G., Stafast, H. SF_6 sensitized CO_2-laser chemical vapor deposition of a-Ge:H 48977
Barth, M.F., Chadwick, R.B., van de Kamp, D.W. Data processing algorithms used by NOAA's wind profiler demonstration network 88778
Barth, M.F. *see* Miller, P.A. 99185
Barth, R. *see* Jaekel, C. 93246
Barth, R. *see* Kissinger, G. 81845
Barth, W. *see* Dehen, J. 76528
Barth, W. *see* Ludwig, T. 53131
Barthe, J., Bordy, J.M., Mourgues, M., Lahaye, T., Boutruche, B., Segur, P. New devices for individual neutron dosimetry 88610
Barthe, J. *see* Bordy, J.M. 88131
Barthe, S. *see* Fontaine, J.Ch. 88086
Barthel, K.U., Voye, T. Adaptive fractal image coding in the frequency domain 73603
Barthel, S., Krischke, W. 110 kV railway line. Pylon elevation in railway lines in the case of alteration of electric circuit operation 89325
Barthold, R.G. *see* Farag, S.F. 53998
Barthold, R.G. *see* Farag, S.F. 68544
Barthelemy, A., Froehly, C., Shalaby, M. Nonliner propagation of picosecond tubular beams: self phase modulation and induced refraction 56851
Barthelemy, A. *see* Couderc, V. 72952
Barthelemy, A. *see* Maillotte, H. 63986
Barthelemy, A. *see* Reineix, A. 73078
Barthelemy-Japiot, B. A system for administration of telephone exchanges 96920
Barthes-Corlier, M., Michaut, J., Caumartin, M., Penicaud, J.P. Magnet design for SOLEIL, a new synchrotron radiation source for LURE 87791
Bartholomaus, T. *see* Kip, D. 82651
Bartholome, P. What are the future prospects for the European satellite telecommunications industry? 65744
Bartholomew, K. *see* Van Sciver, S.W. 94003
Bartholomew, R. *see* Hoech, R. 65724
Bartholomew, R.G. *see* Hudak, G.J. 67709
Bartholomew, T. *see* Gifford, A. 86920
Barthou, C. *see* Hong Xian 94276
Barthou, C. *see* Zeinert, A. 72614
Barthou, C. *see* Zeinert, A. 81240
Bartington, G. Sensors for low level low frequency magnetic fields 58728
Bartkowiak, M. *see* Domanski, M. 76911
Bartlett, A., Gallagher, M., Darnell, M. Extraction, analysis and interpretation of digital ionograms 95457
Bartlett, C.T. The head up display for the advanced cockpit 77142
Bartlett, C.T. A practical application of computer-generated holography to head-up display design 99093
Bartlett, D.F., Thiesen, J.H. Interlocking Rogowski coils: a fool's transformer 80942
Bartlett, D.T., Alberts, W.G. Type testing and calibration of personal dosemeters 88595
Bartlett, P.N. *see* Gardner, J.W. 55024
Bartlett, P.N. *see* Gardner, J.W. 58673
Bartlett, P.N. *see* Gardner, J.W. 58880
Bartlett, P.N. *see* Tan, T.T. 81362
Bartlett, R.J. *see* Alkire, R.W. 98426
Bartlett, W.J. A step towards the customer [electric utilities] 89024
Bartley, D. *see* Bansky, J. 81101
Bartley, J., Best, D., Isaacs, P. CBGA: a packaging advantage 48692
Bartley, J. *see* Gruver, M. 92258
Bartley, N.R. *see* Bruton, L.T. 51624
Bartnikas, R. *see* Salama, M.M.A. 71842
Bartol, F. *see* Lemonnier, M. 98511
Bartoletti, C. *see* Anagni, F. 66412
Bartoli, F.J. *see* DiVenere, A. 54853
Bartoli, F.J. *see* Youngdale, E.R. 55599
Bartoli, F.J. *see* Youngdale, E.R. 62246
Bartolic, J. Conversion matrix analysis of microwave diode mixers 61885
Bartolic, J. *see* Sipus, Z. 73507
Bartolic, J. *see* Sipus, Z. 95004
Bartolini, F., Cappellini, V., Colombo, C., Mecocci, A. Enhancement of local optic flow techniques 57799
Bartolo-Perez, P. *see* Zapata-Navarro, A. 55562
Bartolomeo, A.Di *see* Di Bartolomeo, A.
Bartoloni, A., Celani, C. A new algorithm for the reconstruction of the time delay from sea echo data of a radar altimeter 67757
Bartoloni, A., Celani, C., Nirchio, F. ERS-1 altimeter data processing over the Mediterranean Sea: algorithmical tailoring and validation at I-PAF 67857
Bartoloni, A., D'Amelio, C., Nirchio, F. Processing and validation of ERS-1 scatterometer data at the Italian PAF 67856
Bartolucci, F. *see* Greife, U. 98550
Bartolucci, G., Giannini, F., Paoloni, C. Equivalent circuit model for microstrip multiport radial dividers 70857
Bartolucci, G. *see* Giannini, F. 80758
Barton, A.S. *see* Jefferts, S.R. 86939
Barton, D.L. *see* Cole, E.I., Jr. 62947
Barton, I.J. *see* Llewellyn-Jones, D.T. 77514
Barton, J.B. *see* Fattaruso, J. 70774
Barton, J.B. *see* Fattaruso, J.W. 49575
Barton, J.Brock *see* Brock Barton, J.
Barton, J.S. *see* Hand, D.P. 87516
Barton, J.S. *see* Haran, F.M. 52886
Barton, J.S. *see* Haran, F.M. 56343
Barton, J.S. *see* Haran, F.M. 82554
Barton, J.S. *see* Haran, F.M. 87227
Barton, J.S. *see* Kidd, S.R. 66709
Barton, J.S. *see* Morgan, R.D. 82593
Barton, K. *see* Guo, Y.J. 83813
Barton, M. Performance of SVD-based fractionally spaced equalizers in data transmission systems 84368
Barton, M.H. *see* Davies, R.L. 65245
Barton, M.H. *see* Munro, A. 65599
Barton, M.H. *see* Vrettos, A. 86090
Barton, M.H. *see* Watson, R.M. 65031
Barton, R. Concurrent development of radar systems 60890
Barton, R. *see* Marple, L. 98872
Barton, R.R. Implementing a relational database for an accelerated-life-test facility 60923
Barton, S.K. *see* Guo, Y.J. 73509
Barton, S.K. *see* Shepherd, S.J. 51372
Barton, S.K. *see* Wilkinson, T.A. 52199
Barton, T.H. Rectifiers, cycloconverters, and AC controllers 54314
Barton, T.H. *see* Gordon, C. 78581
Bartos, F.J. An AC drive available locally, applicable worldwide 78849
Bartos, J., Pincik, E. Low temperature plasma anodic oxidation of silicon through thin aluminium overlayers 71399
Bartos, J. *see* Pincik, E. 71360
Bartosik, M., Malinowska, E. Metal oxide varistors for cooperation with 3 kV DC vacuum circuit breaker 90252
Bartosik, M.W., Jasiulewicz, S. DC vacuum arc extinction by strong pulsed magnetic field 90251
Bartram, M.E., Moffat, H.K. Comparison of boranol and silanol reactivities in boron-doped SiO_2 chemical vapor deposition from trimethyl berate and tetraethyl orthosilicate 91614
Barts, T. *see* Chou, W. 87729
Bartsch, G. E-Plus: a new mobile radio network operator. 2 75265
Bartsch, M., Weiland, T. 2D and 3D calculation of forces 83483
Bartsch, W. *see* Vieth, M. 75953
Bartusek, K., Kura, A. Noncontact measurement of resistivity by measuring circuits parameters 66648
Barty, C.P.J., Gordon, C.L., III, Lemoff, B.E. Multiterawatt 30-fs Ti:sapphire laser system 94378
Barty, C.P.J., Lemoff, B.E., Gordon, C.L., III, Epp, P.T. Multiterawatt amplification of ultrabroadband optical pulses: breaking the 100 fs limit 72774
Bartz, J.A. New developments in cooling towers 78354
Bartz, M.J. *see* Wicker, S.B. 51839
Bartz, M.J. *see* Wicker, S.B. 57359
Baru, A.Yu., Ginzburg, M.A., Kalashnikov, B.E. PChT-1M universal thyristor frequency converters 60291
Baru, S.E. *see* Martinez-Davalos, A. 88382
Barua, A.K. *see* Ray, S. 79910
Baruch, N. *see* Wang, Y. 54888
Baruch, S.B., Rostker, M.A., Wikler, G.A. The EPRI Community Initiative: forging new alliances for technology transfer 89027
Barvainis, R. *see* Ingalls, R.P. 58532
Barvinok, A.I. Computing the Ehrhart polynomial of a convex lattice polytope 69808
Barwicz, A., Massicotte, D., Savaria, Y., Santerre, M.-A., Morawski, R.Z. An integrated structure for Kalman-filter-based measurand reconstruction 66095
Barwicz, A., Massicotte, D., Savaria, Y., Santerre, M.-A., Morawski, R.Z. An application-specific processor dedicated to Kalman-filter-based correction of spectrometric data 97743
Barwicz, A., Slima, M.B., Massicotte, D., Morawski, R.Z., Thellen, C. Improving resolution of analytical instruments in environmental laboratories 97877
Barwicz, A. *see* Brouard, P. 95701
Barwicz, A. *see* Szczecinski, L. 97744
Bar'yakhtar, V., Bulyak, E., Chechetenko, V., Dovbnya, A., Efimov, S., Gevchuk, A., Gladkikh, P., Karnaukhov, I., Kozin, V., Kononenko, S., Likhachev, V., Lyashchenko, V., Markov, V., Mocheshnikov, N., Molodkin, V., Moskalenko, V., Mysykov, A., Nemoshkalenko, V., Popkov, Yu., Shcherbakov, A., Shpak, A., Strelkov, M., Tarasenko, A., Telegin, Yu., Trotsenko, V., Zelinsky, A. A source of synchrotron radiation for research and technology applications 67407
Bar'yakhtar, V. *see* Androsov, V. 76390
Barycka, I. *see* Golonka, L.J. 87340
Baryshev, A.M. *see* Koshelets, V.P. 50406
Baryshev, A.M. *see* Shitov, S.V. 49644
Baryshevsky, V.G., Batrakov, K.G., Dubovskaya, I.Ya. Surface quasi-Cherenkov free-electron laser 50878
Baryshevsky, V.G., Dubovskaya, I.Ya., Metelitsa, O.N. Electron beam focusing by an inhomogeneous electromagnetic wave in the inverse free electron laser 50874
Baryshevsky, V.G., Khrutchinsky, A.A., Moroz, V.I., Dezhurko, M.D. Gamma-ray spectroscopic system for remote detection and monitoring of fissile materials 88313
Baryshevsky, V.G., Khrutchinsky, A.A., Moroz, V.I., Dezhurko, M.D. Gamma-ray spectrometric system for remote detection and control of fissile materials 98730
Baryshnikov, F.F. The delay effect and the problem of energy transmission to moving objects through a turbulent atmosphere 67731
Barzohar, M., Cooper, D.B. Automatic finding of main roads in aerial images by using geometric-stochastic models and estimation 96021
Bas, T.P.Le *see* Le Bas, T.P.
Basa, C. *see* Cote, D. 62421
Basa, S. *see* Gingrich, D. 53291
Basahi, N.A., Thompson, S.L. Improved distribution in Yemen 68093
Basak, A., Chi-Hang Yu, Lloyd, G. Efficient transformer design by computing core loss using a novel approach 90070

Basak, A., Flores Filho, A.F. The design and analysis of a novel brushless DC linear motor 68653
Basak, A., Lloyd, G., Yu, C.H. A computational study of localised loss in a distribution transformer 54056
Basak, A., Matsumura, A., Kaczmarek, J., Lloyd, G. Computation of flux and force in an $SmCo_5$ DC linear motor with U-spring supports 68652
Basak, A., Yu, C.H., Lloyd, G. Core loss computation of a 1000 kVA distribution transformer 68670
Basak, A. *see* Hijazi, M.E.A. 54050
Basak, A. *see* Liu, J. 82243
Basak, J., Chanda, B., Dutta Majumder, D. On edge and line linking with connectionist models 51586
Basano, L., Ottonello, P., Urrutia, L.V. A real-time simple analyser for point processes 97825
Basarab-Horwath, I., Lacey, P. A distributed pressure sensor which utilises electrical impedance tomography 87090
Basaran, E., Kubiak, R.A., Whall, T.E., Parker, E.H.C. Very high two-dimensional hole gas mobilities in strained silicon germanium 62258
Basavanhally, N.R. *see* Nordin, R.A. 91051
Basbug, F. *see* Erdol, N. 84309
Basbug, F. *see* Erdol, N. 84727
Basch, B., Becker, D., Singh, R.K., Bharrat, S.J., Loop, J.D., Symon, J.R., Winkelstein, D. VISTAnet deployment and system integration experiences 85666
Baschirotto, A., Castello, R., Gola, A., Pessina, G., Rancoita, P.G., Rattaggi, M., Redaelli, M. Monolithic bandpass RC-CR filter for high energy physics experiments 55328
Baschirotto, A., Rezzi, F., Castello, R. Low-voltage balanced transconductor with high input common-mode rejection 93673
Baschirotto, A. *see* Adam, A. 88087
Baschirotto, A. *see* Adam, A. 88102
Baschirotto, A. *see* Adriani, O. 88023
Baschirotto, A. *see* Cortelazzo, G.M. 86682
Bascom, E.C., III, von Dollen, D.W. Cable fault location expertise for field crews 68338
Bascom, E.C., III, Von Dollen, D.W., Ng, H.W. Computerized underground cable fault location expertise 89272
Bascunan, J. *see* Boghosian, H.A. 82489
Bascunan, J. *see* Painter, T.A. 82446
Bashagha, A.E., Ibrahim, M.K. Digit-serial squaring architecture 70354
Bashahu, M., Nkundabakura, P. Analysis of daily global irradiation data for five sites in Rwanda and one in Senegal 60138
Bashar, S.A., Rezazadeh, A.A. Transparent contacts to opto-electronic devices using indium tin oxide (ITO) 49818
Bashaw, M.C., Heanue, J.F., Aharoni, A., Walkup, J.F., Hesselink, L. Cross-talk considerations for angular and phase-encoded multiplexing in volume holography 83378
Bashaw, M.C. *see* Heanue, J.F. 73165
Bashaw, M.C. *see* Heanue, J.F. 82526
Bashilov, S.M. *see* Kritskii, V.G. 89482
Bashindzhagyan, G. *see* Arodzero, A. 59076
Bashir, A., Matiullah, Rashid, T., Yang, X., Gul, M. Effect of presence of gamma rays with neutron fields on the performance of a CR-39 based cubical neutron dosimeter 88172
Bashir, M.D. *see* Daous, M.A. 54157
Bashir, R. *see* Gilbert, P.V. 55997
Bashkansky, M., Reintjes, J. Image upconversion using coherent anti-stokes Raman scattering 63935
Bashkirov, Yu.A., Fleishman, L.S., Vdovin, A.B., Zubritsky, I.A., Smirnov, V.V., Vinogradov, A.V. Microstructure and levitation properties of floating zone melted YBCO samples 82315
Bashmakov, I.A. *see* Kaputskii, F.N. 82399
Bashmakov, Yu.A., Karpov, V.A. Magnetic pulsed septa for the synchrotron "Pakhra" 76569
Bashour, K., Spellicy, R. Application of FTIR to semiconductor emissions monitoring: acid stack measurement results 62383
Bashtovoi, V.G., Yarmolchik, Y.P. Magnetofluid emulsion—new magnetocontrolled media 71955
Basiev, T., Fedorov, V., Karasik, A., Senatorov, A., Shubochkin, R., Sobol, A., Grudinin, A. Pulsed actively mode-locked laser based on Nd^{3+}-doped disordered garnet and $LiF:F_2^-$ crystal 72772
Basil, N., Williamson, C.L. Network traffic measurement of the X Window System 75051
Basiladze, S.G. High-speed table processors operating with information codes 52754
Basile, G., Bergamin, A., Cavagnero, G., Mana, G., Mosca, M., Pasin, W., Panciera, R., Pettorruso, S., Peuto, A., Sacconi, A., Becker, P., Bettin, H., Kuetgens, U., De Bievre, P., Valkiers, S., Vittone, E., Zosi, G. A determination of the Avogadro constant 86982
Basile, G., Bergamin, A., Cavagnero, G., Mana, G., Vittone, E., Zosi, G. The silicon (220) lattice spacing: analysis of a new measurement 86968
Basir, O.A., Shen, H.C. Goal-driven task assignment and sensor control in multi-sensor systems: a multicriteria approach 52837
Basistiy, I.V. *see* Bazhenov, V.Yu. 72992
Baskakov, A.P. *see* Lekomtseva, Yu.G. 53932
Baskakov, A.P. *see* Lekomtseva, Yu.G. 89630
Baskurt, A., Odet, C., Goutte, R. Image coding on the Phobos space probe 95798
Baskurt, A., Peyrin, F., Benoit-Cattin, H., Goutte, R. Coding of 3D medical images using 3D wavelet decompositions 88465
Basler, M., Krech, W., Platov, K.Yu. Phase-locking in strongly coupled SQUID cells 72231
Basmaji, P. *see* Gusev, G.M. 62299
Basmaji, P. *see* Lubyshev, D.I. 48918
Basokur, A.T. Definitions of apparent resistivity for the presentation of magnetotelluric sounding data 53526
Basol, B.M. Preparation techniques for thin film solar cell materials: processing perspective 61325
Basol, B.M., Kapur, V.K., Halani, A., Minnick, A., Leidholm, C. Modules and flexible cells of $CuInSe_2$ 100497
Basol, B.M., Kapur, V.K., Leidholm, C.R., Minnick, A., Halani, A. Development of low-cost thin film $CuInSe_2$ cells and modules 90409
Basore, P.A. Extended spectral analysis of internal quantum efficiency 100627
Basore, P.A., Gee, J.M., Buck, M.E., Schubert, W.K., Ruby, D.S. Simplified high-efficiency silicon cell processing 100563
Basore, P.A. *see* Gee, J.M. 100469
Basore, P.A. *see* Ruby, D.S. 100632
Basov, N.G., Nasibov, A.S., Popov, Yu.M. Laser cathode-ray tubes and their applications for HDTV projectors 52704
Basov, Yu.G. Efficiency of CW incandescent lamps pumping solid state lasers (a review) 83004
Bass, D. *see* Hutchins, M.S. 77229
Bass, F.G., Belous, V.V., Kivva, F.V. One of the possible mechanisms by which "radio holes" are formed 57112
Bass, F.G., Puzenko, S.A. Detection of oil spills on the sea using radar measurements 77574
Bass, J.F. *see* Huang, H.C. 80781
Bass, L. *see* Howard, L. 53499
Bass, M. *see* Knebel, P. 70592
Bass, M. *see* Munin, E. 56713
Bass, M. *see* Zhang, X.X. 63724
Bassani, F., Kheng, K., Mamor, M., Cox, R.T., Magnea, N., Saminadayar, K., Tatarenko, S. Electron-gas screening of the piezoelectric fields in indium-doped (211) $CdTe/Cd_{1-x}Zn_xTe$ quantum wells 62254
Bassani, F. *see* Cingolani, R. 72808
Bassapa, P. *see* Ford, G.A., II 88707
Basset, R. *see* Kraemer, B. 80837
Basset, R. *see* Kraemer, B. 92580
Basset, R. *see* Shu, J. 92523
Bassett, I.M. *see* Lo, K.M. 50487
Bassett, I.M. *see* Martin de Sterke, C. 82539
Bassett, M.C. *see* Pearce, S.F. 85915
Bassetti, F. Developments in capacitors 55442
Bassetti, M., Biagini, M.E., Biscari, C., Preger, M.A., Raffone, G., Vignola, G. DAΦNE interaction region design 76544
Basseville, M. *see* Zhang, Q. 61050
Bassi, E., Benzi, F., Diaz, E.V. An user-oriented system for automatic tuning and control for electrical drives 100822
Bassi, P. *see* Chen, S. 63452
Bassi, S., Decina, M., Giacomazzi, P., Pattavina, A. Multistage shuffle networks with shortest path and deflection routing for high performance ATM switching: the open-loop shuffleout 96283
Bassier, G. *see* Bruyere, F. 86482
Bassier, G. *see* Letellier, V. 52609
Bassilakis, R. *see* Farquharson, S. 49039
Bassily, E., Capolino, G.A., Henao, H. Design and simulation of brushless motor drive control with fuzzy regulator: a control optimization procedure 90516
Bassiouni, M., Chiu, M., Loper, M., Bulumulle, G. Interoperability overhead in OSI communication networks 75005
Bassiouni, M., Loper, M. Performance tests and flexible decoding for transfer syntax in real-time applications 75050
Bassiouni, M.A., Chiu, M., Garnsey, M.P. On-the-fly message filtering in a distributed simulation application 74741
Bassiouni, M.A., Mukherjee, A. Optimal mapping for 2-bit high speed Huffman compression 84009
Bassiouni, M.A. *see* Chatterjee, S. 75088
Bassler, H. *see* Van der Auweraer, M. 56518
Bassler, H. *see* Vestweber, H. 72636
Basso, C. *see* Sourbs, H. 52184
Basso, M., Lambardi, L., Martini, S., Marinelli, M., Morpurgo, A. Intergranular and intragranular current distribution in sintered YBCO from transport and inductive measurements 63268
Basso, V. *see* Bertotti, G. 72035
Bassong-Onana, A. *see* Darouach, M. 84235
Bast, C. Hewlett-Packard's approach to creating a life cycle (product stewardship) program 90890
Bastard, P., Bertrand, P., Meunier, M. A transformer model for winding fault studies 68675
Basten, M.A. *see* McVey, B.D. 70825
Basterfield, A.J. *see* Martell, S.R. 92828
Basterrechea, J. *see* Ribas, E.G. 73204
Basti, G. *see* Perrone, A.L. 57581
Basti, Z. *see* Jakoubkova, M. 48991
Bastiaans, M.J. Gabor's signal expansion and the Zak transform 84239
Bastiaansen, H.J.M., van der Tol, J.J.G.M., van den Berge, D.J. Calculation of the effective index for nonguiding regions: comment 94150
Bastiaens, H.M.J. *see* Lankhorst, F.T.J.L. 56607
Bastiaens, K., Lemahieu, I. A parallel implementation of the ML-EM reconstruction algorithm for PET images in a visual language 74374
Bastian, F., Lenders, P. Media synchronisation an distributed multimedia systems 58050
Bastien, F.O. *see* El Habti, A. 50154
Bastos, J. *see* Acuna, C. 65389
Bastos, J. *see* Steyaert, M. 81904
Bastos, J.P.A., Ida, N., Ferreira, R.R. Virtual elements: a smoothing technique to provide continuity in FEM discretized results 79748
Bastos, J.P.A., Ida, N., Mesquita, R.C., Gomes, J. Use of reduced 3D hexahedral edge elements for 2D TE waveguides and vector potential problems 83764
Bastos, T.F., Martin, J.M., Calderon, L., Ceres, R. Weld seams detection and recognition for robotic arc-welding through ultrasonic sensors 79313
Bastos, T.F., Martin, J.M., Calderon, L., Ceres, R. Ultrasonic signal variations caused by thermal disturbances 88888
Bastow, M. *see* Kircher, J. 77797
Bastrikov, A.N., Bugaev, S.P., Zakharov, A.N., Koshelev, V.I., Lopatin, V.V., Sukhushin, K.N., Khryapov, P.A. An electron gun of a high-current accelerator with a hollow beam 55515
Basu, A. Active calibration 57726
Basu, A., Svendsen, T. A time-frequency segmental neural network for phoneme recognition 73810
Basu, A. *see* Murray, D. 64584
Basu, A. *see* Patil, R. 97927
Basu, A. *see* Sarkar, S. 91803
Basu, B.N. *see* Ghosh, S. 55523
Basu, B.N. *see* Jain, P.K. 71051
Basu, D., Lucci, S., Gertner, I.C., Finz, H.R. Timed neural nets for moving target recognition 74239
Basu, D., Mukhopadhyay, A.K. An algorithm for a microprocessor based method of low voltage variable DC energy measurement 99648
Basu, D.K. *see* Goswami, B. 88481
Basu, M. Gaussian derivative model for edge enhancement 95885
Basu, P., Mitra, S. Application of an expert system to the design of furnace of a circulating fluidized bed boiler 78435
Basu, P.K., Singh, S.N. On the determination of minority carrier diffusion length in the base region of n^+-p-p^+ silicon solar cells using photoresponse methods 78832
Basu, P.K., Singh, S.N., Arora, N.K., Chakravarty, B.C. A new method of determination of minority carrier diffusion length in the base region of silicon solar cells 54151
Basu, P.K. *see* Bandyopadhyay, A. 82653
Basu, R.S., Murphy, K.P. Novel hydrofluorocarbon (HFC) solvent as a replacement for CFC-113 and methyl chloroform in cleaning 81018
Basu, S., Pal, D.K., Daw, A.N. On the modelling of polysilicon emitter transistors 81841
Basu, S. *see* Adhikari, T. 81251
Basu, S. *see* Adhikari, T. 92946
Basu, S. *see* Chowdhury, D.R. 64274
Basu, S. *see* Gautam, N. 67759
Basu, S. *see* Hagelstein, P. 50738
Basu, S. *see* Klobuchar, J.A. 73329
Basu, S. *see* Secan, J.A. 73336
Basu, S. *see* Skrivanek, R.A. 73335
Basu, S.K., Datta Gupta, J., Datta Gupta, R. Systolic algorithms for power series manipulation 79522
Basu, S.K. *see* Goswami, B. 88481
Basu, S.K. *see* Goswami, S.K. 78190
Basu, S.K. *see* Mandal, R. 68080
Batai, L.E., Zverkov, M.V., Konyaev, V.P., Kuz'min, A.N., Ryabtsev, G.I., Yarzhemkovskii, V.D. Influence of the semiconductor laser-diode parameters on radiation focusing in optical data-recording equipment 56304
Bataillard, P. *see* van Herwaarden, A.W. 66507
Batalin, V.A., Volkov, J.N., Kulevoy, T.V., Petrenko, S.V. Vacuum arc ion source for the ITEP RFQ accelerator 98496
Batani, N. *see* Gagnon, F. 73680
Batani, N. *see* Gagnon, F. 86073
Batani, N. *see* Wong, T. 84013
Batanov, G.M. *see* Askaryan, G.A. 67881
Batarseh, I. Resonant converter topologies with three and four energy storage elements 60303
Batarseh, I., Liu, R., Ortiz-Conde, A., Yacoub, A., Siri, K. Steady state analysis and performance characteristics of the LLC-type parallel resonant converter 100298
Batarseh, I., Siri, K. LLC-type series resonant convertor with PWM control 49137
Batarseh, I. *see* Agrawal, J.P. 49141
Batarseh, I. *see* Khan, A.F. 90193
Batarseh, I. *see* Qian, J. 100230
Batarseh, I. *see* Siri, K. 68791
Batarseh, I. *see* Zi-Qin Wang 100345
Batashova, G.N. *see* Smirnov, V.P. 59517
Batchelder, J.C. *see* Moltz, D.M. 98536

Batchelder, J.S., Taubenblatt, M.A. Evaluating a novel liquid-borne particle counter based on interferometry: comparing detection of nearly index-matched particles 62360
Batchellor, C.R., Debney, B.T., Thorley, A.M., Khoe, G.D., Helmolt, C.V., Auracher, F., Lagasse, P. System assessment of the RACE 1010 coherent multichannel demonstrator 97302
Batchelor, B.G. *see* Wani, M.A. 51592
Batchelor, D.B. *see* Carter, M.D. 51220
Batchelor, D.B. *see* Ho, Y.L. 51232
Batchelor, K. *see* Lehrman, I.S. 71022
Batchelor, K. *see* Wang, X.J. 76608
Batchelor, K. *see* Wang, X.J. 76748
Batchman, T.E. *see* Tayag, T.J. 82799
Bate, G.J. *see* Watson, D.B. 54016
Bate, J.-M., Lesmond, C., Lottin, J.-C., Capitain, J.-J., Lafon, D., Magne, R., Bonnet, P., Bourquard, A., Bresson, D., Lacaze, A. Superconducting magnets for 110-150 GHz gyrotrons 82488
Batelaan, P. *see* Febvre, P. 61909
Bateman, A. *see* Mansell, A. 52437
Bateman, D.G. *see* Bird, T.S. 73547
Bateman, J.E., Connolly, J.F., Stephenson, R., Edwards, M., Thompson, J.C. The development of gas microstrip detectors for high energy physics applications 88015
Bateman, J.E., Sore, J., Knight, S.C., Bedford, P. A new gas counter for radioimmunoassay 88083
Bateman, J.E. *see* Abdul-Ridha, H.H. 70136
Bateman, J.E. *see* Wells, K. 88090
Bateman, M.G., Rust, W.D., Marshall, T.C. A balloon-borne instrument for measuring the charge and size of precipitation particles inside thunderstorms 88785
Bateman, R.P. The use of training objectives to define specific training device requirements 59432
Bateman, R.P. *see* Jones, R.B. 59662
Bateman, S.C. *see* Woodward, B. 67510
Batenin, V.M., Zeigarnik, Yu.A., Kopelev, S.Z., Maslennikov, V.M., Novikov, A.S., Polezhaev, Yu.A., Favorskii, O.N., Shternberg, V.Ya. A steam-gas turbine unit with steam injection into the gas turbine—a promising line of development for power-generating installations 89703
Bates, B. *see* Lowans, B.S. 63475
Bates, B. *see* Lowans, B.S. 63984
Bates, B.D., Staines, G.W. Improved mode-search strategy in the application of transverse resonance to 3-D discontinuities 83789
Bates, C. *see* Rekiouak, A. 71047
Bates, C.M., Stublen, A.P. Women in engineering: challenges and opportunities 54348
Bates, C.W., Jr., Varner, E.B., Alshvang, S., Summers, K. Chemical spray pyrolysis of complex thin solid films 48962
Bates, J.B., Gruzalski, G.R., Luck, C.F. Rechargeable solid state lithium microbatteries 60408
Bates, M., Bobrow, R., Fung, P., Ingria, R., Kubala, F., Makhoul, J., Nguyen, L., Schwartz, R., Stallard, D. The BBN/HARC spoken language understanding system 73858
Bates, M. *see* Boisen, S. 51409
Bates, M.R. *see* Feit, C.M. 67708
Bates, P. Project definition [management consultancy] 69491
Bates, R.A. *see* Wynn, H.P. 61463
Bates, S.J., Munday, D.J., Parker, M.A., Anghinolfi, F., Chilingarov, A., Ciasnohova, A., Glaser, M., Heijne, E., Jarron, P., Lemeiller, F., Santiard, J.C., Bonino, R., Clark, A.G., Kambara, H., Gossling, C., Lisowski, B., Rolf, A., Pilath, S., Feick, H., Fretwurst, E., Lindstrom, G., Schulz, T., Bardos, R.A., Gorfine, G.W., Moorhead, G.F., Taylor, G.N., Tovey, S.N. Recent results of radiation damage studies in silicon 53308
Bateson, K.N. *see* Cvetkovic, S.R. 60789
Bateson, S. Micropower infra-red receiver 97357
Bath, A., Baehr, O., Barrada, M., Lepley, B., van der Put, P.J., Schoonman, J. Plasma enhanced chemical vapour deposition of boron nitride onto InP 48983
Bathe, K.-J. *see* Nam-Sua Lee 61206
Bathe, P. *see* Angenent, J.H. 85449
Bathe-Peters, B. Data protection problems and approaches to solutions in mobile radio 75221
Bathey, B.R., Cretella, M.C., Taylor, A.S. In-situ PN junction formation during edge defined film-fed growth of silicon 100622
Bathey, B.R. *see* Kalejs, J.P. 100634
Bathie, R.Perrier de la *see* Perrier de la Bathie, R.
Batin, V.V., Kamuz, A.M., Oleksenko, P.F., Stril'chuk, O.N. The dynamics of lasing of the waveguide microlaser utilizing thin platelet single crystal of CdS 72835
Batishchev, O.V., Karas', V.I., Sigov, Y.S., Fainberg, Y.B. 2.5D numerical simulation of relativistic electron bunches (REB) interaction with underdense and overdense plasmas 76369
Batist, R.De *see* De Batist, R.
Batista, M. *see* Rouzky, R. 59392
Bat'ko, I. *see* Somora, M. 93920
Batko, W., Banek, T. Noise filtering in monitoring systems 51538
Batley, J.R. *see* Allport, P.P. 76752
Batlogg, B. *see* Eisaki, H. 72221
Batory, D., Tracz, W., Shafer, S., Coglianese, L. Representation issues in creating an avionics domain-specific software architecture domain model 88675
Batra, S. *see* Torabi, A.F. 50341
Batrak, A.G. *see* Nechiporenko, I.N. 94757
Batrakov, D.O. *see* Zhuck, N.P. 73250
Batrakov, K.G. *see* Baryshevsky, V.G. 50878
Batskikh, G. *see* Meshcherov, R. 76379
Batskikh, G.I., Gureev, K.G., Zav'yalov, M.A., Martyrov, V.F., Mitin, L.A., Perevidchikov, V.I., Tskhai, V.N., Shapiro, A.L. A high-power microwave amplifier based on hybrid beam-plasma electromagnetic structures 81145
Batskikh, G.I. *see* Andreev, V.G. 67224
Batson, V.M. *see* Robertson, J.B. 77150
Battaglia, A., Coffa, S., Priolo, F., Spinella, C. Defect accumulation during ion irradiation of crystalline Si probed by in situ conductivity measurements 71082
Battaglia, M. *see* von Apeldoorn, G. 88116
Battaglin, G. *see* Mazzoldi, P. 73048
Battail, G., Berrou, C., Glavieux, A. Pseudo-random recursive convolutional coding for near-capacity performance 73683
Batterman, B.W. *see* Qun Shen 87757
Battersby, N.C., Toumazou, C. A high-frequency fifth order switched-current bilinear elliptic lowpass filter 61793
Batti, A. *see* Sanders, R.T. 67163
Battie, J.P. *see* McLellan, J.F. 65974
Battilotti, M. *see* Campanella, L. 66220
Battistini, L., Benasciutti, R., Tassi, A. Effects of heat treatment on crystallographic and magnetic properties of magnetic steels 63160
Battiston, R., Bertucci, B., Bilei, G., Checcucci, B., Servoli, L., Wang, S.J., Passaleva, G., Bay, A., Burger, W.J., Extermann, P., Susinno, G., Brooks, M., Kapustinsky, J.S., Kinnison, W.W., Lee, D.M., Mills, G.B. Experience with the SVX-H chip in the construction of the L3 Silicon Microvertex Detector 53350
Battiston, R. *see* Adam, A. 88087
Battiston, R. *see* Adam, A. 88102
Battiston, R. *see* Adriani, O. 88023
Battiston, R. *see* Ahlen, S. 98641
Battiston, R. *see* Ambrosi, G. 53302
Battistoni, G. *see* Gingrich, D. 53291
Battiti, R. Using mutual information for selecting features in supervised neural net learning 74450
Battle, G., Federbush, P. Space-time wavelet basis for the continuity equation 79528
Battle, G., Federbush, P., Uhlig, P. Wavelets for quantum gravity and divergence-free wavelets 79529
Battula, S. *see* Ajjarapu, V. 77957
Batty, M. *see* Dolny, G. 98213
Batty, M. *see* Dolny, G.M. 93649
Batty, M. *see* Khormaei, R. 66624
Batur, C. *see* Srinivasan, A. 61220
Batur, C. *see* Srinivasan, A. 61233
Batur, I., Guven, A.N., Ozay, N. A proposed application of an industrial DOS computer for distribution substation monitoring and control 68198
Batura, R. *see* Krolikowski, C. 90255
Baturone, I., Huertas, J.L., Barriga, A., Sanchez-Solano, S. Current-mode multiple-input Max circuit 55350
Baturone, I. *see* Huertas, J.L. 49588
Baturone, I. *see* Huertas, J.L. 62993
Batygin, Y.K. Multipole channel parameters for equalization of beam intensity distribution 66853
Batzel, D.A. *see* Scott, K. 49729
Baublis, V.V., Ivanov, I.V., Ivochkin, I.G., Khanzadeev, A.V., Kuryatkov, V.V., Lapin, E., Miftakhov, N.M., Morozov, V.F., Novikov, S.R., Prokofieva, T.J., Samsonov, V.M., Solodov, G., Dvornikov, B.D., Loginov, B.B., Koleson, Y.E., Kochenova, A.A., Carrigan, R.A., Jr., Chen, D., Strikhanov, M.N. Apparatus for magnetic moment measurement using channeling in bent crystals 59244
Bauch, A., Fischer, B., Heindorff, T., Schroder, R. Uncertainty evaluation of the PTB primary clocks CS3 and CS4 86859
Bauch, L., Bauer, J., Bottcher, M., Jagdhold, U., Haak, U., Spiess, W. Combination of transmission and absorption mask for a 0.3-μm lithography 71468
Bauch, L. *see* Jagdhold, U. 81651
Baucom, K.C., Biefeld, R.M. Growth of InSb using tris(dimethylamino)antimony and trimethylindium 54908
Baude, P.F. *see* DePuydt, J.M. 63839
Baudendistel, K. An improved method of scaling for real-time signal processing applications 69417
Baudoin, C.R., Kantor, J.P. Software engineering for semiconductor manufacturing equipment suppliers 62367
Baudrand, H. *see* Altman, Z. 51194
Baudrand, H. *see* Altman, Z. 94903
Baudrand, H. *see* Couffignal, P. 70835
Baudrand, H. *see* Damata, W. 90703
Baudrand, H. *see* Gentili, G.G. 70865
Baudrand, H. *see* Le Roy, I. 65895
Baudrand, H. *see* Sauviac, B. 70853
Baudrand, H. *see* Taillardat, P. 92510
Baudrand, H. *see* Yagoub, M.C.E. 61888
Baudron, J., Khadr, A., Kocsis, F. Availability and survival capability of SDH networks 96431
Baudry, L. *see* Abramo, A. 81195
Bauer, A.H. *see* Copeland, D.A. 94333
Bauer, B. Guide to no-clean solder pastes 92712
Bauer, D., Geiger, J.C., Beerwerth, R. Speech signal conditioning communication aids for the impaired with severe auditory sensory damages 98967
Bauer, D.A. *see* Zando, M.E. 89687
Bauer, F. High pressure applications of ferroelectric polymers 87133
Bauer, F., Graham, R.A., Anderson, M.U., Lefebvre, H., Lee, L.M., Reed, R.P. Piezoelectric response of precisely poled PVDF to shock compression greater than 10 GPa 58676
Bauer, F., Simonne, J.J., Audaire, L. Ferroelectric copolymer and IR sensor technology applied to obstacle detection 52866
Bauer, F. *see* Dettmer, H. 55933
Bauer, F. *see* Johnson, D.E. 87113
Bauer, F. *see* Lendenmann, H. 55935
Bauer, F. *see* Reed, R.P. 87112
Bauer, G. *see* Drzazga, Z. 72208
Bauer, G. *see* Frank, N. 91440
Bauer, G. *see* Koppensteiner, E. 61248
Bauer, G. *see* Springholz, G. 54907
Bauer, G. *see* Stoger, G. 55591
Bauer, G.E.W. *see* Khaetskii, A.V. 81784
Bauer, H.-D., Abraham, M., Ehrfeld, W., Gerner, M., Picard, A., Schift, H., Weber, L. Mass fabrication for components and systems for fibre optics and passive integrated devices using the LIGA technique 82702
Bauer, J. *see* Bauch, L. 71468
Bauer, J. *see* Jagdhold, U. 81651
Bauer, J.G., Meissner, E., Walter, J.W., Ebbingbaus, G. High speed dual pin photodiodes for optical coherent receivers 72605
Bauer, J.G. *see* Cremer, C. 86019
Bauer, J.M. Globalization of telecommunications operators under conditions of asymmetric national regulation 96298
Bauer, L.-O. *see* Tuckerman, D.B. 48679
Bauer, M.A., Finnigan, P.J., Hong, J.W., Rolia, J.A., Teorey, T.J., Winters, G.A. Reference architecture for distributed systems management 85645
Bauer, M.A., McBride, R.A., Bennett, J.M. Distributed search for cooperative applications 51867
Bauer, M.A., Tong Wang Strategies for distributed search 51880
Bauer, M.A. *see* Hong, J.W. 52104
Bauer, M.A. *see* Hong, J.W. 74859
Bauer, M.E. *see* Coppin, P.R. 77723
Bauer, M.L. *see* Todd, R.A. 88236
Bauer, M.L. *see* Todd, R.A. 98675
Bauer, M.L. *see* Young, K.G. 76765
Bauer, R.A. *see* Henning, R.E. 75363
Bauer, S. Variable bit rate (VBR) video source modeling by two-state Markov chains 96161
Bauer, S. *see* Gerhard-Multhaupt, R. 63950
Bauer, T., Frever, J. New mounting technique for two-terminal millimetre-wave devices 55401
Bauer, T., Rosch, M., Claassen, M., Harth, W. New low-noise heterojunction transit-time device for millimetre wave 70902
Bauer-Grosse, E. *see* Barrat, S. 70095
Bauerle, D. *see* Lang, W. 63302
Bauermeister, K. Traffic and traffic symbiosis 88715
Bauerschmidt, K., Utermark, D., Weber, W. LCP and DSM measures of Federal German power supply undertakings 99610
Baugh, K.W., Hardwicke, K.R. On the detection of transient signals using spectral correlation 57442
Baugh, K.W. *see* Hardwicke, K.R. 57444
Baugh, S.G., Roberts, R.M. Professional and organizational commitment among engineers: conflicting or complementing? 60853
Baugher, C.R., Ramachandran, N., DeLombard, R. An overview of the Space Shuttle acceleration environment 77108
Baugher, M. Media transports and distributed multimedia flows 96773
Baugher, M., French, S., Stephens, A., Van Horn, I. A multimedia client to the IBM LAN server 65236
Baugher, M., Humphrey, V.L. OS/2 LAN Server Ultimedia performance on the Token-Ring 58201
Baughman, C. *see* Kraemer, B. 80837
Baughman, M.L. *see* Siddiqi, S.N. 59779
Baughn, J.W. *see* Kesser, K.F. 60102
Bauhahn, P.E. *see* Akinwande, A.I. 62084
Bauhofer, W. *see* Wiesner, U. 55587
Bauhuis, G.J. *see* Driessen, F.A.J.M. 71174
Baulch-Jones, I. Total quality management and BS5750. The souring taste of this flavour of the month? 48710
Baulcomb, R.S. *see* Rourke, H.N. 72345
Baulu, T. *see* Dong-Chen He 67774
Baum, C.E. Signature-based target identification and pattern recognition 65877

Baum, J., Berringer, K. The right μP simplifies using induction motors to propel electric cars 90594
Baum, J., Berringer, K., Frank, R., Huettl, T., Valentine, R. Semiconductor technologies for electric vehicles 78987
Baum, J. *see* Jacobsen, E. 87100
Baum, S.K. *see* Sherman, S.J. 66304
Baum-Waidner, B., Bunz, H., Capellaro, C. SAMSON, security management in a health care scenario 96514
Bauman, F. *see* Fountain, M. 100951
Bauman, R.M. *see* Desourdis, R.I., Jr. 75386
Bauman, R.M. *see* Thomas, G. 75385
Baumann, E.D. *see* Ray, B. 99110
Baumann, F.H., Liu, R., Case, C.B., Lai, W.Y.-C. 3D modeling of contact material deposition and its impact on equipment design parameters 93098
Baumann, G. High performance computer for quality assurance is based on transputers 61004
Baumann, G. *see* Heilig, R. 80825
Baumann, G. *see* Heilig, R. 92611
Baumann, H. *see* Kessler, Th. 56212
Baumann, H. *see* Markwitz, A. 55534
Baumann, H. *see* Markwitz, A. 93073
Baumann, I. *see* Brinkmann, R. 50572
Baumann, I. *see* Brinkmann, R. 94389
Baumann, J. *see* Tilgner, R. 79329
Baumann, P.D. Superconducting magnetic energy storage: a key enabling technology for energy conservation, economic development and environmental protection 90472
Baumann, P.K., Humphreys, T.P., Nemanich, R.J., Ishibashi, K., Parikh, N.R., Porter, L.M., Davis, R.F. Epitaxial Cu contacts on semiconducting diamond 81337
Baumann, R., Amitirigala, R. New generation of SCADA systems for the Swiss Federal Railways 60555
Baumann, R. *see* Amagai, M. 60962
Baumann, W.H. FMECA for industrial development and production 91120
Baumbaugh, A. *see* Baumbaugh, B. 59149
Baumbaugh, B., Erdman, J., Gaskell, D., Lu, Q., Marchant, J., Ruchti, R., Wayne, M., Cooper, C., Hinson, J., Koltick, D.S., Schmitz, C.J., Shibata, E.I., Chung, M., Margulies, S., Solomon, J., Atac, M., Baumbaugh, A., Bros, A.D., Elias, J., Mishina, M., Chaney, R., Hammack, H., Adams, D., Bird, F., Lewis, R.A. Performance of multiclad scintillating and clear waveguide fibers read out with visible light photon counters 59149
Baumberg, A.M., Hogg, D.C. An efficient method for contour tracking using active shape models 96073
Baumberg, J.J. *see* Kikkawa, J.M. 81442
Baumberger, W. A single-chip image rejecting receiver for the 2.44 GHz band using commercial GaAs-MESFET-technology 97065
Baumbick, R.J. *see* Reed, S.E. 76019
Baumeister, G. *see* Cremer, C. 86019
Baumert, R., Epp, D. Hydrogen storage for fuel cell powered underwater vehicles 100882
Baumert, R.M. *see* Amphlett, J.C. 60441
Baumert, W. *see* Haisch, H. 86520
Baumgart, H., Egloff, R., Arnold, E., Letavic, T.J., Merchant, S., Mukherjee, S., Bhimnathwala, H. Measurement of minority carrier diffusion length and lifetime in SOI devices by flying spot laser scanner as a function of residual misfit 93082
Baumgart, H. *see* Merchant, S. 55973
Baumgart, P. *see* El-Hilo, M. 50227
Baumgartner, A., Heck, W., Heier, U., Richter, H., Springer, J. Advanced multichip module technologies 81106
Baumgartner, E.A. *see* McElray, J.L. 78228
Baumgartner, H. *see* Gossner, H. 62593
Baumgartner, S.J. *see* Soderstrom, R.L. 97361
Baumhoer, W. *see* Schneider, C.J. 88533
Baumont, F. *see* Davis, J.A. 86907
Baums, A., Chipa, A. Timing analysis of built in local area network controller 96734
Baums, A., Zaznova, N. Expert system for selection of distributed system architecture 96732
Baums, D. *see* Dutting, K. 63791
Baums, D. *see* Zielinski, E. 56434
Baur, C. *see* Natonek, E. 57923
Baur, H., Kuntze, T., Lorenz, U., Preuss, M. Safety and protection circuits for photovoltaic electricity generating installations 60134
Baur, K. *see* Gottschalk, G. 69147
Baur, M. *see* Hauser, M. 62293
Baur, R., Glab, J., Manner, R. A fast and programmable trigger processor for ring image Cherenkov detectors 59182
Bauregger, J. *see* Anemogiannis, K. 97070
Bausch, J., Bohme, M., Nolden, W. Resistance to lightning strokes over overhead cables with integrated light wave conductors 89311
Bauschert, T., Frings, J., Siebenhaar, R. Network engineering for ATM with virtual paths 85360
Bauschke, S. *see* Schumacher, M. 90279
Bause, F., Kritzinger, P., Sczittnick, M. Markovian analysis of DQDB MAC protocol 74714
Bausells, J. *see* Merlos, A. 87084
Bauser, E. *see* Gustafsson, A. 79809
Bauser, E. *see* Hansson, P.O. 70023
Bauser, E. *see* Konuma, M. 91469
Bautista, J.J. *see* Javadi, H.H.S. 97217
Bautista, J.J. *see* Lai, R. 92521
Bautista, J.J. *see* Laskar, J. 80694
Bauvin, A. *see* Versleijen, M.P.J.G. 81839
Bava, E., Novero, C., Godone, A. Evaluation of the second-order Doppler shift in the Mg frequency standard 66643
Bava, G.P., Debernardi, P., Osella, G. Density matrix model for highly nondegenerate four-wave mixing in semiconductor laser devices 50844
Bavdaz, M., Peacock, A., Parmar, A.N., Fuchs, D., Muller, P., Scholze, F., Ulm, G., Wright, A.C. On the X-ray transmission properties of multilayer windows 67408
Baveco, M. *see* Teunissen, B. 85610
Baveco, M.P.P., Kruithof, G.H., Teunissen, L.J. The flexibility of multimedia mail: from abstract architecture towards implementation 58092
Bavel, N.Van *see* Van Bavel, N.
Baverle, D., Stangl, E., Steger, P.L. Production techniques for high temperature superconductors 82348
Bavishi, A.A. *see* Bloethe, W.G. 89415
Bavizhev, M. *see* Carrigan, R.A., Jr. 59039
Bavuso, S.J. *see* Boyd, M.A. 59482
Bawa, R.K. *see* Kadalbajoo, M.K. 48865
Bawirzanski, E. *see* Henschel, H. 72320
Bawolek, E.J. *see* Warner, T.L. 62939
Baxa, E.G., Jr. *see* Lai, Y.-C. 88761
Baxendale, P.R., Swift, J.S., Mars, P. Performance modelling of a bridged router wide area network 65246
Baxter, B. Personal communication services: Now that I can have them, why do I really want them? And thoughts on the future of PCS in the marketplace 97086
Baxter, C.R. *see* Aggarwal, S.J. 67485
Baxter, G. *see* Maurice, E. 63422
Baxter, G.W. *see* Bowkett, G.C. 63753
Baxter, J. *see* Kuskin, J. 49475
Baxter, L. *see* Lin, K.P. 98828
Baxter, L.A., Tortorella, M. Dealing with real field reliability data: circumventing incompleteness by modeling and iteration 54638
Baxter, R. Metrology and process control: how process control can assist in calibrating the production line 60993
Baxter, W.K. *see* Winters, E.D. 71006
Bay, A. *see* Adam, A. 88087
Bay, A. *see* Adam, A. 88102
Bay, A. *see* Adriani, O. 88023
Bay, A. *see* Ambrosi, G. 53302
Bay, A. *see* Battiston, R. 53350
Bay, H.S. *see* Ching, W.S. 96876
Bayad, R. SERRURE: an "intelligent" decision support system for the reinforcement of urban electrical power networks 89215
Bayard, D.S., Boussalis, D. Instrument pointing, tracking, and vibration suppression using zero annihilation periodic control 52872
Bayard, D.S. *see* Joshi, S.S. 69630
Bayart, D., Clesca, B., Hamon, L., Beylat, J.L. Experimental investigation of the gain flatness characteristics for 1.55 μm erbium-doped fluoride fiber amplifiers 56709
Bayart, D., Clesca, B., Hamon, L., Beylat, J.L. 1.55 μm fluoride-based EDFA with gain-flatness control for multiwavelength applications 82967
Bayart, D., Clesca, B., Hamon, L., Beylat, J.L., Coeurjolly, C., Berthelon, L. 1.55 μm fluoride-based erbium-doped fibre amplifier for WDM applications 86399
Bayart, D. *see* Clesca, B. 52588
Bayart, D. *see* Clesca, B. 52596
Bayart, D. *see* Clesca, B. 58400
Bayart, D. *see* Clesca, B. 72785
Bayborodin, Yu.V., Konopaltseva, L.I., Ladenko, A.F., Maschenko, A.I. Planar integrated optical gyro 72408
Baybrook, T.G. *see* Langran, G. 88824
Baydatch, Y. *see* Sandbank, A. 75124
Bayer, K. *see* Loibner, A.P. 66514
Bayer, M., Kraus, R., Hoffmann, K. A precise model for the DC and transient characteristics of BJTs 93348
Bayer, M., Kremser, A. Compact, powerful, environmentally safe. New N-compact motor series from Nuremberg 53993
Bayer, M. *see* Mijuskovic, D. 49198
Bayer, W., Bittihn, R., Kurten, H., Radtke, U., Taube, W., Vollmar, H.-E., Willmes, H. Superconducting energy stores to provide rapid reserve energy in electric power supply systems 59835
Bayers, P.C. Using Poka Yoke (mistake proofing devices) to ensure quality 60992
Bayersdorfer, J. *see* Preisler, E. 63267
Bayfield, C.H. Upgrading the Anglo-Scottish interconnection 78019
Bayford, R. *see* Litovski, V. 71794
Baylaucq, A. *see* Saidi, Z. 76145
Bayley, J.M. *see* Mitchell, I.H. 68934
Bayliss, J. Introducing analysis driven design 80215
Baynham, D., Coombs, R., Ijspeert, A., Perin, R. Design of superconducting corrector magnets for LHC 87676
Baynham, D.E., Coombs, R.C., Holtom, E., Walters, C.R. Superconducting toroid design for the ATLAS experiment at LHC 76795
Bayol, C. *see* Camurati, P. 49093
Bayon, J.F. *see* Boj, S. 63741
Bayon, J.F. *see* Cordier, P. 82599
Bayon, J.F. *see* Douay, M. 63391
Bayon, J.F. *see* Douay, M. 63727
Bayon, J.F. *see* Jurdyc, A.M. 50670
Bayot, V. *see* Colinge, J.P. 62782
Bayoumi, A.M., Montgomery, J.S., Kuehn, R.T., Johnson, F.S., Hauser, J.R. Low thermal budget MOS gate stack formation using a cluster tool rapid thermal processing module 63012
Bayoumi, A.M., Silvestre, C.L., Keuhn, R.T., Hauser, J.R. Design and operation of a cluster-tool-based rapid thermal processing module 62922
Bayoumi, M.A. *see* Cherabuddi, R.V. 48666
Bayoumi, M.A. *see* Tyagi, A. 62932
Bayoumy, M., El-Hefnaw, S., Mahgoub, O., El-Tobshy, A. New techniques for battery charger and SOC estimation in photovoltaic hybrid power systems 100025
Bayraktaroglu, B., Fitch, R., Barrette, J., Scherer, R., Kehias, L., Huang, C.I. Design and fabrication of thermally-stable AlGaAs/GaAs microwave power HBTs 61932
Bayraktaroglu, B. *see* Liou, J.J. 62693
Bayraktaroglu, B. *see* Liou, J.J. 81828
Bayraktaroglu, B. *see* Liou, L.L. 55402
Bayraktaroglu, B. *see* Liou, L.L. 62728
Bayraktaroglu, B. *see* Salib, M. 92520
Bayreuther, G. *see* O'Grady, K. 71982
Bayruns, J. *see* Bayruns, R. 93539
Bayruns, R., Wallace, P., Michels, R., Lopez, O., Bayruns, J., Scheinberg, N., Smith, J.I. GaAs integrated circuits for consumer applications 93539
Bayulken, A. *see* Yarar, Y. 99016
Bazak, H.V., Jr., Hendrix, C.E., Naya, K.F., Reinhardt, V.S. A simple depolarization compensator for very wideband communications links an experimental evaluation 58306
Bazan, A. *see* Gingrich, D. 53291
Bazarov, E.N. *see* Alekseev, E.I. 52883
Bazarov, G.P. Dimensionless current-voltage characteristics of MHD generators and their use for the calculation of self-excitation of geophysical MHD facilities 100767
Bazarov, Ye.N., Palatov, K.I. Principal results of investigations of IRE Russian Academy of Sciences in the scientific areas of laser and optical (including fiber-optical) systems, methods, and devices, and the generation of electromagnetic signals in the 1984-1992 period 82889
Bazdar, M.B., Djordjevic, A.R., Harrington, R.F., Sarkar, T.K. Evaluation of quasi-static matrix parameters for multiconductor transmission lines using Galerkin's method 73412
Bazdyrev, V.S. *see* Gerasimov, Yu.A. 100966
Baze, J.M. *see* Dael, A. 88260
Baze, J.M. *see* Gingrich, D. 53291
Bazenkov, N.I. Group analysis of the response of nonlinear systems to the sum of input signals 61496
Bazenkov, N.I. A procedure for extending the method for the group analysis of the response of nonlinear circuits to an arbitrary set of radio signals 80075
Bazgaloski, L. *see* Andonovic, I. 74660
Bazgaloski, L. *see* Tancevski, L. 58378
Bazhenov, V.Yu., Soskin, M.S., Vasnetsov, M.V., Basistiy, I.V. Optics of laser beams with screw dislocations 72992
Bazin, D. *see* Mercer, D.J. 87998
Bazin, J.P. *see* Benali, H. 64823
Bazinet, J., O'Connor, J.A. Analysis and design of a zero voltage transition power factor correction circuit 68075
Bazinet, J., O'Connor, J.A. Analysis and design of a zero voltage transition power factor correction circuit 90179
Bazovsky, I., Sr., Benz, G.E. An application of fuzzy logic to reliability 54613
Bazovsky, I., Sr. *see* Sharma, T.C. 54607
Bazulin, E.G. *see* Badalyan, V.G. 55006
Bazutkin, V.V., Evdokunin, G.A., Khalilov, F.Kh. Limiting the images caused by vacuum breakers upon switching of inductive circuits 100389
Bazutkin, V.V., Yevdokunin, G.A., Khalilov, F.Kh. Limitation of surges due to inductive switching by vacuum circuit breakers 78074
Bazuzi, J., Wust, R. Integrating images into the OPAC: issues in distributed multimedia libraries 85720
Bazylev, S.N. *see* Afanasiev, S.V. 52771
Bazylev, V.A. *see* Bourdier, A. 50873
Bazzana, G. *see* Damele, G. 85387
Bazzani, A., Giovannozzi, M., Rambaldi, S., Turchetti, G. Diffusion phenomena in simple Hamiltonian systems: some analytical and numerical results 66923
Bazzi, O., Torguet, R., Bruneel, C., Kastelik, J.C. A compact acousto-optic correlator for rapid GPS signal processing 94219
Bazzi, O., Torguet, R., Bruneel, C., Rouvaen, J.M., Huignard, J.C. A GPS acquisition system using acousto-optics 75689

Bazzi, O., Torguet, R.J., Bruneel, C., Gazalet, M.G., Rouvaen, J.M. Space-integrating acousto-optic processor for rapid Global Positioning System signal acquisition 94215
Bdira, I.B. *see* Elhakeem, A.K. 65554
Be, S.H. *see* Watanabe, K. 87648
Beach, M.A., Guemas, P., Nix, A.R. Capacity and service extension for wireless networks using adaptive antennas 96546
Beach, M.A. *see* Cheung, J.C.S. 97156
Beach, R.J. *see* Hamilton, C.E. 94433
Beach, R.S. *see* Berkowitz, A.E. 72193
Beacham, J. *see* Engstrom, H. 81711
Beahler, C.C. *see* Kelley, K.E. 60662
Beaini, J.E., Althaus, L., Olabe, J.C., Welch, E. Integrated electromechanical controls laboratory using programmable logic controllers 54375
Beal, J.C. *see* Grant, J.C. 73430
Beal, M.-P. *see* Ashley, J. 73704
Beale, J., Pease, R.F. Limits of high-density, low-force pressure contacts 61989
Beale, J. *see* Zika, J. 53497
Beale, S., Shafai, B., LaRocca, P., Cusson, E. Adaptive forced balancing for magnetic bearing control systems 78551
Beall, J.A. *see* Wu, H.-D. 92491
Beam, E., III *see* Liu, W. 61904
Beam, E.A., III *see* Seabaugh, A.C. 92074
Beaman, B., Shih, D.Y., Walker, G. A new direction for elastomeric connectors 92668
Beamish, W.L. Trends and design considerations in automated high speed HF data systems 96988
Bean, A. *see* Abe, K. 88115
Bean, A. *see* Antilogus, P. 59064
Bean, A. *see* Antilogus, P. 59127
Bean, J.C. *see* Feijoo, D. 71355
Bean, J.C. *see* Murtaza, S.S. 87171
Bean, J.C. *see* Prabhakarana, K. 81486
Bean, J.C. *see* Ross, F.M. 81305
Bean, N.G. Effective bandwidths with different quality of service requirements 51779
Bean, V.E. Dynamic pressure metrology 66755
Bean, V.E., Bowers, W.J., Jr., Hurst, W.S., Rosasco, G.J. Development of a primary standard for the measurement of dynamic pressure and temperature 66757
Bean, V.E. *see* Molinar, G.F. 66752
Beanland, R. *see* Augustus, P.D. 81380
Bearce, D., Ghantous, E. Utah plant taps waste coal and mine water to generate 58 MW 78399
Beard, D. *see* Bhatia, H. 91058
Beard, P. *see* Elmaliach, N. 60981
Beard, P. *see* Eran, Y. 79453
Beard, R.L., Rosch, F.C., Sanwarwalla, M.H., Tjernlund, R.M. Use of other industry standards to facilitate the procurement and dedication of commercial-grade items 89435
Beard, R.W. *see* Thomas, D.C. 67577
Beard, W.T., Green, K.A., Zhang, X.J., Armstrong, R.W. In-depth resolutions of integrated circuits via X-ray based line modified asymmetric crystal topography 61438
Beardah, C.C., Thomas, R.M. Two mathematical models of unconfined detonation and their numerical solution 61062
Bearden, I.G. *see* Wuosmaa, A.H. 67386
Beardsley, P., Murray, D. Camera calibration using vanishing points 87049
Beardsley, P. *see* Demey, S. 84648
Beardsley, P.A. *see* Murray, D.W. 84646
Bearzatto, C. *see* Clerc, G. 67231
Bearzotti, A., Bianco, A., Montesperelli, G., Traversa, E. Humidity sensitivity of sputtered TiO_2 thin films 66252
Beasley, A.S. *see* Donaldson, R.W. 75338
Beasley, A.S. *see* Donaldson, R.W. 97081
Beasley, D., Bull, D.R., Martin, R.R. An introduction to genetic algorithms 54699
Beasley, D., Bull, D.R., Martin, R.R. Research topics in genetic algorithms 54720
Beasley, H.H. *see* Klymenko, V. 66627
Beasley, H.H. *see* Verona, R.W. 66628
Beasley, J.E., Goffinet, F. A Delaunay triangulation-based heuristic for the Euclidean Steiner problem 61209
Beasley, M.R. *see* Benerofe, S.J. 54968
Beatrice, C. *see* Allia, P. 72052
Beattie, D. *see* Iberall, T. 98951
Beattie, R.S., Elder, S.C. Sonar image motion distortion estimation and correction using covariance function modelling 84607
Beattie, W. *see* Hine, N.A. 98993
Beattie, W.C. *see* Hoque, A. 99827
Beattie, W.C. *see* Hoque, A. 100050
Beatty, B.A. The IBM Personal Communicator—design considerations 86164
Beatty, D.L., Bryant, R.E. Formally verifying a microprocessor using a simulation methodology 91713
Beatty, J.J. *see* Ahlen, S.P. 59097
Beaty, M.G., Dodson, M.M., Higgins, J.R. Approximating Paley-Wiener functions by smoothed step functions 79653
Beau, C. *see* Guyader, P. 81541
Beauchamp, S. *see* Hochanh, T. 78137
Beauchamp, W.T., Hart, T.T., Sanders, M.L. Blue/red reflecting solar cell covers for GaAs cells 100755
Beauchemin, B., Jr. *see* Honda, K. 81657
Beauchemin, B.T., Jr., Ebersole, C.E., Daraktchiev, I. The influence of retained and absorbed solvent on novolak and resist film dissolution and thermal behaviour 81663
Beauchemin, B.T., Jr. *see* Yeh, T.-F. 81667
Beaucour, J., Poivey, C., Dufour, C., Garnier, P., Carriere, T., Delagrange, H. Heavy ion testing using the GANIL accelerator compilation of results with predictions 69537
Beaucour, J. *see* Doucin, B. 71580
Beaud, P., Richardson, M.C., Chen, Y.-F., Chai, B.H.T. Optical amplification characteristics of Cr:LiSAF and Cr:LiCAF under flashlamp-pumping 72730
Beaudette, R.G. *see* Gouker, M.A. 73486
Beaudette, R.G. *see* Gouker, M.A. 80802
Beaudin, G., Deschamps, A., Encrenaz, P., Feautrier, P., Febvre, P., Cheudin, M., Perrin, O., Pernot, J.C., Prigent, C., Robert, C., Ruffie, G. Millimetre and submillimetre wave heterodyne receivers for atmospheric sounding and radioastronomy 88787
Beaudin, G. *see* Febvre, P. 66013
Beaudoin, A. *see* Hsu, C.C. 77712
Beaudoin, A. *see* Nezry, E. 67800
Beaudoin, G. *see* Gingrich, D. 53291
Beaufait, J. *see* Yan, C. 73240
Beaufays, F., Widrow, B. Simple algorithms for fast adaptive filtering 84560
Beaugiraud, B. *see* Gingrich, D. 53291
Beaulieu, G. *see* Lefebvre, S. 89063
Beaulieu, L. *see* Larochelle, Y. 87990
Beaulieu, M. *see* Bock, W.J. 76049
Beaulieu, M. *see* Bock, W.J. 98036
Beaulieu, N.C. Bounds on recovery times of decision feedback equalizers 97037
Beaulieu, N.C., Abu-Dayya, A.A. Nyquist shaped QPSK in cochannel interference and fading 73596
Beaulieu, N.C., Abu-Dayya, A.A. The evaluation of error probabilities for low-frequency attenuation channels 95067
Beaulieu, N.C., Abu-Dayya, A.A. Error rates of Nyquist-shaped QPSK in cochannel interference and fading 95076
Beaulieu, N.C. *see* Abu-Dayya, A.A. 52412
Beaulieu, N.C. *see* Abu-Dayya, A.A. 65680
Beaulieu, N.C. *see* Abu-Dayya, A.A. 95078
Beaulieu, N.C. *see* Abu-Dayya, A.A. 97067
Beaulieu, N.C. *see* Abu-Dayya, A.A. 97155
Beaulieu, R., Lessard, R.A., See Leang Chin · Resist recording media for holography at 10.6 μm 57017
Beaulieu, Y., Webb, J.B., Brebner, J.L. Photoreflectance of InSb/GaAs heterostructures at E_1 and $E_1+\Delta_1$ transitions 71181
Beaulieu, Y. *see* Normandin, R. 94462
Beaumont, B. *see* Bensaoula, A. 60476
Beaumont, B. *see* Zahraman, K. 100553
Beaumont, B. *see* Zahraman, K. 100681
Beaumont, D.O. Video coding and network support for multimedia services over ATM networks 96415
Beaumont, S. *see* Thayne, I. 93502
Beaumont, S.P. The applications of nanotechnology in electronic devices 55846
Beaumont, S.P., Bertin, R., Booth, C.N., Buttar, C., Carraresi, L., Cindolo, F., Colocci, M., Combley, F.H., D'Auria, S., del Papa, C., Dogru, M., Edwards, M., Foster, F., Francescato, A., Gowdy, S., Gray, R., Hill, G., Hou, Y., Houston, P., Hughes, G., Jones, B.K., Lynch, J.G., Lisowski, B., Matheson, J., Nava, F., Nuti, M., O'Shea, V., Pelfer, P.G., Raine, C., Santana, J., Saunders, I.J., Seller, P.H., Shankar, K., Sharp, P.H., Skillicorn, I.O., Sloan, T., Smith, K.M., ten Have, I., Turnbull, R.M., Vanni, U., Zichichi, A. First results from GaAs double-sided detectors 88037
Beaumont, S.P. *see* Drexler, H. 49802
Beaumont, S.P. *see* Drexler, H. 62257
Beaumont, S.P. *see* Thayne, I.G. 56029
Beauregard, A. *see* Capolla, N. 57002
Beauregard, A. *see* Capolla, N. 57015
Beauregard, F. *see* Brochu, J. 68060
Beauregard, F. *see* Eid, E. 86856
Beauregard, F. *see* Ghannouchi, F.M. 70870
Beauregard, F. *see* Ghannouchi, F.M. 70876
Beauregard, F. *see* Ghannouchi, F.M. 70883
Beauregard, F. *see* Ghannouchi, F.M. 87467
Beauregard, F. *see* Ghannouchi, F.M. 92559
Beauregard, F. *see* Ghannouchi, F.M. 93506
Beauregard, F. *see* Ghannouchi, F.M. 98281
Beauregard, F. *see* Habashi, K. 68066
Beausang, J. *see* Yau, C.W. 60926
Beauvais, W.J., McNulty, P.J., Abdel Kader, W.G., Reed, R.A. SEU parameters and proton-induced upsets 70468
Beauvais, W.J. *see* Roth, D.R. 77135
Beauville, J.P.Asselin de *see* Asselin de Beauville, J.P.
Beauvoir, B.de *see* de Beauvoir, B.
Beaven, S.G., Gogineni, S.P. Radar backscatter measurements from Arctic sea ice during the fall freeze-up 77442
Beaven, S.G., Gogineni, S.P., Shanableh, M. Young sea ice signatures in the deep Arctic during the fall freeze-up 67878
Beaven, S.G., Gogineni, S.P., Shanableh, M. Radar backscatter signatures of thin sea ice in the central Arctic 88804
Beaver, R., Coleman, A., Draheim, D., Hoffman, A. Architecture and overview of MMST machine control [semiconductor manufacturing facilities] 62350
Beavers, R.R. Status of the IEEE battery standards 90367
Bebek, C. *see* Alexander, J.P. 70305
Bebek, C.J. *see* Alexander, J.P. 59072
Bebermeyer, R. *see* Rothwell, E.J. 75591
Bebermeyer, R. *see* Rothwell, E.J. 97371
Beccard, B., Michel, W., Lengeling, G., Schmitz, D., Juergensen, H. Influences of external parameters on low pressure MOVPE growth results of InP based materials 54904
Beccari, C. *see* Ferrero, A. 76174
Becerril, M. *see* De Melo, O. 79871
Bechade, R., Flaker, R., Kauffmann, B., Kenyon, S., London, C., Mahin, S., Nguyen, K., Pham, D., Roberts, A., Ventrone, S., VonReyn, T. A 32b 66 MHz 1.8 W microprocessor 92285
Beche, A. *see* Boehm, L. 63337
Becher, S., Gottschalch, V., Wagner, G., Schwabe, R., Staehli, J. Liquid phase epitaxial growth and characterization of thin $In_{1-x}Ga_xAs_yP_{1-y}$ layers lattice-matched to InP 91506
Becher, S., Gottschalch, V., Wagner, G., Schwabe, R., Staehli, J.L. Characterization of lattice-matched single $In_{1-x}Ga_xAs_yP_{1-y}$ quantum wells grown by conventional liquid phase epitaxy 70059
Becherer, T. *see* Petersen, K. 63320
Becherer, T. *see* Schmitt, M. 82381
Becherer, Th. *see* Schmitt, M. 63321
Bechgaard, K. *see* Sommer-Larsen, P. 55496
Bechtel, H. *see* Bredol, M. 63564
Bechtel, H. *see* Ronda, C.R. 56530
Bechtle, D. *see* Bharj, S. 80627
Bechtle, D. *see* Bharj, S. 92587
Becia, W. *see* Baker, R. 69421
Beck, A. *see* Korner, W. 94209
Beck, C.E. Creating a climate for teamwork 90809
Beck, C.E. *see* Buchert, R.H. 100066
Beck, C.E. *see* Lesnet, M. 68397
Beck, C.M. *see* He, R. 53911
Beck, C.M. *see* He, R. 87422
Beck, D. *see* Carlberg, C. 88261
Beck, D.J. The case for ribbon bonding of large packages to PCBs 79339
Beck, E. *see* de Graaf, M. 72166
Beck, E. *see* Hansch, W. 61239
Beck, E. *see* Ramm, J. 61314
Beck, G.A. *see* Allport, P.P. 76752
Beck, G.A. *see* Allport, P.P. 88021
Beck, H. *see* Brzakovic, D. 70203
Beck, J. *see* Turner, A. 98114
Beck, J.D. *see* List, R.S. 94275
Beck, J.MacKenzie *see* MacKenzie Beck, J.
Beck, K.L., Boylan, P.R., Peltola, D.W. Qualification of RELAP5/MOD3 code for safety relief valve hydrodynamic load analysis: a comparison against EPRI/CE SRV Test 1017 78304
Beck, M. *see* Klepser, B.-U.H. 56020
Beck, M.S. *see* Etuke, E.O. 87587
Beck, M.S. *see* He, R. 53911
Beck, M.S. *see* He, R. 87422
Beck, M.S. *see* Xie, C.G. 98359
Beck, M.S. *see* Yang, W.Q. 66644
Beck, M.S. *see* Yang, W.Q. 87088
Beck, M.S. *see* Yang, W.Q. 87600
Beck, M.S. *see* Yu, Z.Z. 86998
Beck, R. *see* Dolfini, S.M. 76854
Beck, R. *see* Gabler, A.R. 67416
Beck, R. *see* Mandeville, J.B. 76855
Beck, R.B. *see* Szmidt, J. 81854
Beck, R.N. *see* Yasillo, N.J. 98821
Beck, S.E. *see* DeLoach, C.A. 49924
Beck, T. *see* Kumkar, M. 63691
Beck, W.A. *see* Faska, T.S. 66451
Beck, W.A. *see* Faska, T.S. 87298
Beck, W.A. *see* Towner, F.J. 66330
Beck, W.J., Urbanczyk, W., Buczynski, R., Domanski, A.W. Cross-sensitivity effect in temperature-compensated sensors based on highly birefringent fibers 87248
Becker, A.J. Bremsstrahlung source for density logging—lab study of influence of beam energy 88328
Becker, A.J. Bremsstrahlung source for density logging—lab study of influence of beam energy 99151
Becker, B., Drechsler, R. Testability of circuits derived from functional decision diagrams 49360
Becker, B., Drechsler, R. OFDD based minimization of fixed polarity Reed-Muller expressions using hybrid genetic algorithms 91755
Becker, B. *see* Drechsler, R. 91680
Becker, B. *see* Drechsler, R. 91684
Becker, B. *see* Hahn, R. 49307
Becker, B. *see* Termuehlen, H. 68466
Becker, B. *see* Zerkus, M. 53474
Becker, C., Braun, W., Jr., Carrick, K., Diliberti, T., Grigg, C., Groesch, J., Hazen, B., Imel, T., Koval, D., Mueller, D., St. John, T., Conrad, L.E. Proposed chapter 9 for predicting voltage

sags (dips) in revision to IEEE Std 493, the Gold Book 53608
Becker, C., Braun, W., Jr., Carrick, K., Diliberti, T., Grigg, C., Groesch, J., Hazen, B., Imel, T., Koval, D., Mueller, D., St. John, T., Conrad, L.E. Proposed chapter 9 for predicting voltage sags (dips) in revision to IEEE Std 493, the Gold Book 68022
Becker, C., Braun, W.B., Jr., Carrick, K., Diliberti, T., Grigg, C., Groesch, J., Hazen, B., Imel, T., Koval, D., Mueller, D., St. John, T., Conrad, L.E. Proposed chapter 9 for predicting voltage sags (dips) in revision to IEEE Std 493, the gold book 88965
Becker, C.A. *see* Forman, G.A. 54515
Becker, C.H. *see* Kurz, E.A. 94118
Becker, C.R., Latussek, V., Heinke, H., Regnet, M.M., Goschenhofer, F., Einfeldt, S., He, L., Bangert, E., Kraus, M.M., Landwehr, G. Molecular beam epitaxial growth and characterization of (001) $Hg_{1-x}Cd_xTe$-HgTe superlattices 61260
Becker, C.R. *see* Einfeldt, S. 69944
Becker, C.R. *see* Schikora, D. 61282
Becker, D. *see* Banerjee, P. 97750
Becker, D. *see* Basch, B. 85666
Becker, D.C., Liss, W.J., Jr., Weinstein, A., Wilson, E.A. StarKeeper II NMS — management of a cell relay network 85548
Becker, D.O., Hsi-Ho Liu Testing devices according to an architecture specification 79275
Becker, G. *see* Dolny, G. 98213
Becker, G. *see* Khormaei, R. 66624
Becker, H., Schulze-Buxloh, K. GSM parameter measurements in the Dusseldorf Rheinallee Tunnel using a repeater amplifier and an optimally radiating cable (VARIO 450/900) 58315
Becker, J. *see* Bel, R. 77731
Becker, J. *see* Tolle, D. 79235
Becker, J.-M. *see* Jourlin, M. 95677
Becker, J.A. *see* Woenckhaus, J. 67283
Becker, K., Alpers, B., Raabe, U. DOMAINS: concepts for networked systems management and their realization 96477
Becker, K., Johnson, J.B., Edwards, G. Broadband Pockels cell and driver for a Mark III-type free electron laser 56439
Becker, K., Resch, U., Zweig, B.-W. Optimizing high-speed overhead contact lines 100887
Becker, K. *see* El-Sharkawy, M. 70657
Becker, K.-D. *see* Kiefer, U. 53564
Becker, M. *see* Beylot, A.-L. 96910
Becker, M. *see* DeHon, A. 52134
Becker, M.C. *see* Allen, M.S. 70590
Becker, M.F., Buckman, A.B., Walser, R.M., Lepine, T., Georges, P., Brun, A. Femtosecond switching of the solid-state phase transition in the smart system material 82519
Becker, M.F. *see* Chunchi Ma 62339
Becker, M.F. *see* Giulianelli, L.C. 98064
Becker, M.G. *see* Sterkenburgh, T.R. 56400
Becker, O. *see* Kurz, E.A. 94118
Becker, P. *see* Basile, G. 86982
Becker, P. *see* De Bievre, P. 86980
Becker, P. *see* Seyfried, P. 86967
Becker, P.C., de Barros, M.R.X., Jedju, T.M., Miranda, R.S., West, L.C., Dunkel, J., Roberts, C.W., Stayt, J.W., Jr., Swaminathan, V. Mid-infrared pulse generation and application in high speed measurement of a $GaAs/Al_{0.2}Ga_{0.8}As$ quantum well infrared detector 73106
Becker, P.C. *see* de Barros, M.R.X. 66367
Becker, P.C. *see* de Barros, M.R.X. 72768
Becker, P.C. *see* Hong Koo Kim 72418
Becker, R., Kleinod, M. Space-charge compensation of electron beams by thermal ions and the production of highly charged ions in EBIS and EBIT 53152
Becker, R. *see* Kleinod, M. 53154
Becker, S., Bruckmayr, E., Sonntag, J., Steinel, A. A tool for system oriented analysis of in-vehicle experimental data 100913
Becker, S. *see* Patterson, R. 98240
Becker, St. *see* Dasgupta, K. 72712
Becker, T. *see* Kurner, T. 52391
Becker, T. *see* Kurner, T. 52394
Becker, T.C., Kurner, Th., Cichon, D.J., Wiesbeck, W. DAB planning methods based on field-strength-delay-spectra 52676
Becker, U. *see* Ahlen, S. 98641
Becker, U. *see* Berens, F. 80517
Becker, U. *see* Giessen, H. 73014
Becker, U. *see* Grun, M. 69947
Becker, U. *see* Rohler, K. 79451
Becker, W.D., Mittra, R. FDTD modeling of noise in computer packages 54524
Becker, W.D., Mittra, R. FDTD modeling of noise in computer packages 79323
Becker, W.D. *see* Mittra, R. 79351
Becker-Szendy, R., Briggs, D., Haller, G., Hoeflich, J., Innes, W. Design of a trigger and data acquisition system for a detector at PEP-II 87033
Becker-Szendy, R., Briggs, D., Haller, G., Hoeflich, J., Innes, W. Design of a trigger and data acquisition system for a detector at PEP-II 97818
Becker-Szendy, R. *see* Cavalli-Sforza, M. 87772
Becker-Szendy, R. *see* Klein, S.R. 98488
Beckerman, M., Sweeney, F.J. Segmentation and cooperative fusion of laser radar image data 84586
Beckermann, B., Gilewicz, J., Kaliaguine, V. On the definition and normality of a general table of simultaneous Pade approximants 54745
Beckermann, C., Smith, T.F., Pospichal, B. Use of a two-dimensional simulation model in the thermal analysis of a multi-board electronic module 70977
Beckers, T., Bouclier, R., Garabatos, C., Million, G., Sauli, F., Shekhtman, L.I. Optimization of microstrip gas chamber design and operating conditions 67314
Beckert, K. *see* Franzke, B. 76402
Beckert, K. *see* Steck, M. 76411
Beckett, D. *see* Swoger, J.H. 83097
Beckett, K.D.R. *see* Pryde, G.C. 75623
Beckham, W.A. *see* Hoban, P.W. 77096
Beckhaus, B. *see* Burck, J. 58799
Beckhoff, F. Korovkin theory in Banach * algebras 91346
Beckhoven, D.Van *see* Van Beckhoven, D.
Beckjord, E., Rubin, A.M. Results and conclusions of TMI-2 Vessel Investigation Project 78301
Beckley, P. *see* Mivehchi, E. 63153
Beckley, P. *see* Snell, D. 63137
Becklin, E.E. *see* McLean, I.S. 66427
Beckman, J., Jackman, R.B., Foord, J.S. Capacitively coupled r.f. plasma sources: a viable approach for CVD diamond growth? 70118
Beckman, M.G. *see* Novotny, R.A. 96944
Beckman, M.G. *see* Sasian, J.M. 94056
Beckman, T.E. *see* Grzybowski, R.R. 80927
Beckmann, G., Daxbock, W. Technical measures for purposes of care for the environment in the field of production of electric power in thermal power stations 99923
Beckmann, R., Sobisch, B., Kulisch, W., Rau, C. Investigation of the bias nucleation process in microwave plasma-enhanced chemical vapour deposition of diamond 70112
Beckner, F. *see* Gombert, G. 86587
Becks, K.H. *see* Hahn, S. 79642
Becks, T., Heberling, D., Pan, S.G., Wolff, I. Planar radiator structures with coplanar feed 57306
Becks, T. *see* Heberling, D. 58317
Beckwith, S.V.W. *see* Herbst, T.M. 66429
Beckwith, W.A., Parsons, F.G. Measurement methods and the new standard B89.3.2 60722
Becla, P. Advanced infrared photonic devices based on HgMnTe 66325
Becla, P. *see* Terry, I. 49788
Becla, P. *see* von Molnar, S. 55579
Becret, C. *see* Vie, M. 71549
Bedair, S.M. *see* Chikyow, T. 70157
Bedair, S.M. *see* Eldallal, G.M. 90446
Bedair, S.M. *see* Gong, J.R. 93033
Bedair, S.M. *see* He, Y. 79842
Bedair, S.M. *see* Roberts, J.C. 49007
Beddara, A.S., Mason, D.J., O'Brien, P.F. Absorbed dose perturbation caused by diodes for small field photon dosimetry 77098
Beddoe, A.H., Kelly, M.T. Absorbed dose in the skin from beta emitters in medical and laboratory containers 59428
Beddoe, A.H. *see* Hoban, P.W. 77096
Beddoes, M.P. *see* Koch, A.C. 96875
Bederr, H., Nicolaidis, M., Guyot, A. Design for testability of on-line multipliers 49402
Bederr, H. *see* Nicolaidis, M. 49333
Bederson, B.B. *see* Wallace, R.S. 95727
Bedeschi, F. *see* Amidei, D. 98639
Bedford, P. *see* Bateman, J.E. 88083
Bedford, T., Dekking, F.M., Breeuwer, M., Keane, M.S., van Schooneveld, D. Fractal coding of monochrome images 95794
Bedi, M. *see* Virk, H.S. 67365
Bedingfield, C. Understanding personal mobility and terminal mobility in PCS 86182
Bedini, L., Gerace, I., Tonazzini, A. A deterministic algorithm for reconstructing images with interacting discontinuities 51664
Bedini, L., Gerace, I., Tonazzini, A. A GNC algorithm for constrained image reconstruction with continuous-valued line processes 84833
Bedja, I., Hotchandani, S., Carpentier, R., Fessenden, R.W., Kamat, P.V. Chlorophyll b-modified nanocrystalline SnO_2 semiconductor thin film as a photosensitive electrode 63549
Bednarek, B., Jelen, K., Koperny, S., Kowalski, T.Z., Zajac, J. A study of aging effects in gas proportional detectors at the BAC calorimeter of the ZEUS experiment 87995
Bednash, D. *see* Schwartz, E.L. 65481
Bedouani, M. A triple deck ceramic single chip package for high frequency communication integrated circuits 79438
Bedouani, M. High density integrated circuit design: simultaneous switching ground/power noises calculation for pin grid array packages 91065
Bedoui, H. *see* Millaire, A. 67468
Beebe, D.J., Denton, D.D. A flexible polyimide-based package for silicon sensors 79332
Beebe, E., Liljeby, L., Pikin, A., Bjorkhage, M., Engstrom, A., Paal, A. Increased ion intensity and reliability of the Stockholm electron beam ion source 53173
Beebe, E., Liljeby, L., Pikin, A., Bjorkhage, M., Engstrom, A., Paal, A. Increased ion intensity and reliability of the Stockholm electron beam ion source 67263
Beebe, E. *see* Abrahamsson, K. 76307
Beebe, E.N. *see* Pikin, A.I. 53151
Beeby, J.L. *see* Stratford, K. 93034
Beech, M., Brown, P. Space-platform impact probabilities — the threat of the Leonids 99038
Beechy, D. *see* Datte, P. 76438
Beeck, M.Op de *see* Op de Beeck, M.
Beek, G.Van *see* Van Beek, G.
Beek, J.ter *see* ter Beek, J.
Beekman, F.J., Frey, E.C., Kamphuis, C., Tsui, B.M.W., Viergever, M.A. A new phantom for fast determination of the scatter response of a gamma camera 88439
Beelar, R. *see* Slosiar, R. 51852
Beelen, H., Ball, T. End-to-end service survivability: study methodology, root cause analysis, solution alternatives 52014
Beeler, R., Soirinsuo, T., Wiesel, A., Rossow, B. Frame relaying in the age of broadband-ISDN 58230
Beeler, R. *see* Guedes Silveira, J. 58224
Beeman, J. *see* LeGros, M. 67306
Beeman, J. *see* Scutero, M.J. 58780
Beeman, J.W. *see* Itoh, K.M. 49849
Beeman, J.W. *see* Young, E.T. 58779
Beenakker, C., Van Houten, H. Superconducting quantum point contacts and other mesoscopic Josephson junctions 72246
Beer, D.F., Ekberg, K. Teaching communication skills in the engineering college: the Texas/Swedish experience 90804
Beer, J. *see* Vojtyla, P. 53361
Beer, M. *see* Yassievich, I.N. 93027
Beerschwinger, U., Yang, S.J., Reuben, R.L., Taghizadeh, M.R., Wallrabe, U. Friction measurements on LIGA-processed microstructures 49030
Beerschwinger, U. *see* Mathieson, D. 100184
Beerschwinger, U. *see* Milne, N.G. 90039
Beerwerth, R. *see* Bauer, D. 98967
Be'ery, Y. *see* Amrani, O. 73651
Be'ery, Y. *see* Amrani, O. 95105
Be'ery, Y. *see* Berger, Y. 73722
Be'ery, Y. *see* Vardy, A. 73711
Bees, P. *see* Smowton, P.M. 50847
Beeson, K.W. *see* Ilic, I. 72415
Beet, S.W. *see* Baghai-Ravary, L. 64348
Beetem, J.F. *see* Lee, J.-C. 53635
Beetz, B.H. Weighing and batching in automation systems 97805
Beetz, B.H., Winkler, F. Examples of applications for industrial scales with flex-ring load cells 98321
Beetz, C.P. *see* Lin, B.-Y. 62129
Beetz, C.P., Jr. *see* Chien, F.R. 79803
Beez, T., Roth, H. Basic design aspects and electrical measurements of a satellite antenna with specially shaped surface 57244
Begay, M.J. Bare-die test strategies for the MCM market 60933
Begg, I.M., Gnocato, J., Haman, A. Architectural issues in real-time intelligent user interface technology 58067
Beggs, C.B. Ice thermal storage: impact on United Kingdom carbon dioxide emissions 79027
Beggs, R. *see* Green, P. 86705
Beggs, S.L. *see* Johnson, D. 51958
Beghin, E. *see* Herrmann, P.F. 59973
Begin, G., Haccoun, D. Performance of sequential decoding of high-rate punctured convolutional codes 51364
Begin, M., Ghannouchi, F.M., Selmi, L., Ricco, B. Instantaneous S parameters measurements of MESFETs under burst bias conditions 97839
Begley, P.A. *see* Ito, A. 71825
Bego, V., Butorac, J., Poljancic, K., Malaric, K. A contribution in replacing the kilogram by means of the voltage balance ETF 86830
Bego, V., Hrsan, D. Calibration of the standard resistors by means of the standard capacitors and digital voltmeters with 8½ digits 66646
Begovic, M. *see* McCall, S. 89098
Beguet, M. *see* Proust, N. 70897
Begum, S.R., Scheitrum, G.P., Arfin, B. Large signal simulation and design of a 95 GHz harmonic gyroklystron amplifier 62100
Behagel, F. *see* Sneep, J. 66061
Behar, M. *see* Fichtner, P.F.P. 49858
Behbahani, F. *see* Hashemi, H. 75039
Beheim, G., Sotomayor, J.L., Tuma, M.L., Tabib-Azar, M. Laser-annealed thin-film fiber-optic temperature sensor 66372
Beheim, G. *see* de Brabander, G.N. 58717
Beheim, G. *see* Sotomayor, J.L. 66391
Beheim, J. Security first in Europe's mobile communications 52358
Behera, A.K. *see* Alsammarae, A. 89442
Behera, A.K. *see* Alsammarae, A. 99889
Behera, A.K. *see* Polanco, S. 60916
Behera, A.K. *see* Polanco, S. 79292
Behera, A.K. *see* Spangler, J.J. 53667
Behl, W.K. *see* Plichta, E.J. 68972
Behm, R.J. *see* Feltz, A. 71361

Behmann, U., Schafer, A. Effects from catenary admittance on results of short-circuit tests [railways] 100889
Behnke, U. *see* Hellemans, P. 65435
Behof, A.F. *see* Meyer, J.J. 94726
Behr, A. *see* Frederickson, M. 92735
Behr, D. *see* Locher, R. 70109
Behr, G. *see* Fliegel, W. 66539
Behr, T. *see* Hommel, D. 71282
Behr, T. *see* Hommel, D. 72872
Behr, T. *see* Ruppert, P. 61288
Behrends, D., Brodkorb, A., Hofmann, G. Calculation of catenary impedance values 69120
Behrens, B. *see* Fordham, C. 59184
Behrens, F.H. *see* Castro Simas, M.I. 62769
Behrens, F.H. *see* Finco, S. 91886
Behrens, G.H., Jr. *see* Norrod, R.D. 58536
Behrens, J., Candurra, M. The Italian standard CEI 44-5(1993) for motor control circuit breakers 89828
Behrens, R.T., Scharf, L.L. Signal processing applications of oblique projection operators 64489
Behrens, R.T. *see* Welland, D.R. 93886
Behrens, V., Honig, T., Kraus, A., Michal, R., Saeger, K., Schmidberger, R., Staneff, T. An advanced silver/tin oxide contact material 61984
Behrhorst, S. Requirements for analogue/digital and digital/analogue converters for use with digital signal processors (DSPs) 49502
Behringer, M. *see* Einfeldt, S. 69944
Behringer, R.E. *see* Berggren, K.K. 71454
Behringer, U. *see* Brunner, S. 56374
Behringer, U. *see* Frank, W.F.X. 56408
Behrsing, G. *see* Leemans, W. 66863
Behrsing, G.U. *see* Morrison, M.E. 87775
Bei Fan *see* Kit Po Wong 59824
Bei Li, Suen, C.Y. A fast and efficient correlation calculation method 85156
Bei Zhang, Ruo-Peng Wang, Xiao-Min Ding, Lun Dai, Shu-Min Wang Observation of laser oscillation without population inversion in InGaAsP microdisk lasers 72887
Bei Zhang *see* Zhang Bei
Beichman, C. *see* Jorquera, C. 66428
Beichter, J. *see* Ramacher, U. 49600
Beier, B., Meyn, J.-P., Knappe, R., Boller, K.-J., Huber, G., Wallenstein, R. A 180 mW Nd:$LaSc_3(BO_3)_4$ single-frequency TEM_{00} microchip laser pumped by an injection-locked diode-laser array 56670
Beier, J., Voss, B. Humps in dark I-V-curves—analysis and explanation 100478
Beier, T., Blumer, H., Calvetti, M., Cenci, P., Grafstrom, P., Lariccia, P., Lubrano, P., Mehren, T., Papi, A., Pepe, M., Preussig, M., Punturo, M., Renk, B., Setzu, M.G., Staeck, J., Talamonti, C., Taurok, A., Zeitnitz, O. The tagging detector for the NA48 experiment 53305
Beier, T. *see* Grafstrom, P. 76786
Beierl, P. *see* Driels, M. 65230
Beige, H. *see* Diestelhorst, M. 55104
Beigert, M., Kranz, H.G., Kaubisch, D., Meurer, D. Computer supported disturbance-free ageing diagnosis for XLPE insulated medium-voltage cables 68242
Beije, P.R. Dutch innovation policy towards small and medium-sized enterprises 60831
Beijerinck, H.C.W. *see* Joosten, G.J.P. 55773
Beijing Chung *see* Chung Beijing
Beijk, C.M., Elsendoorn, B.A.G. A comparison of fundamental frequency development of deaf and hearing children aged 4 to 20 years 98976
Beil, W. Steerable filters and invariance theory 57679
Beilenhoff, K., Heinrich, W., Hartnagel, H.L. Analysis of T-junctions for coplanar MMICs 92599
Beiley, M.A., Wong, S.S. Micro-machined array probe card 62002
Beiley, M.A. *see* Cheng, W. 54517
Beimel, A., Chor, B. Universally ideal secret-sharing schemes 73724
Beimel, A., Chor, B. Interaction in key distribution schemes 83960
Beineke, S. *see* Sun, J. 100307
Beinglass, I., Sinha, A.K. Integrated system for deposition of polysilicon and WSi_x films 91584
Beiping Yan, Jun Peng, Changchun Chai Gas-sensing properties of α-Fe_2O_3 thin films prepared by plasma-enhanced chemical vapour deposition 61382
Beires, N., Kockelmans, M. TMN management of IN-based services 52019
Beires, N., Magedanz, T., Kockelmans, M. An evolutionary approach for TMN management of IN services 96504
Beis, J.S., Lowe, D.G. Learning indexing functions for 3-D model-based object recognition 84803
Beise, C.M., Evans, M.J. Bringing the meeting to the group: groupware on a portable wireless LAN 85798
Beitelmajen, M. Preventive diagnosis of the failure of electrochemical batteries 100434
Beitz, W. Design science—the need for a scientific basis for engineering design methodology 60903
Beiu, V., Peperstraete, J., Vandewalle, J., Lauwereins, R. Close approximations of sigmoid functions by sum of steps for VLSI implementation of neural networks 93523
Bejan, A., Lee, S.W. Optimal geometry of convection cooled electronic packages 79413
Bejan, A. *see* Morega, A.M. 48701
Bejan, V., Sandu, D. Organizing a database on sensors and transducers 75923
Bejcek, L. Two-wire measuring transducers. II 87138
Bejcek, L., Benes, P. The TMP-01 programmable temperature controller 55116
Bejczy, A. *see* Rovetta, A. 88527
Bejoy Kumar, A. *see* Prem Kumar, T. 68943
Beker, B., Cokkinides, G., Templeton, A. Analysis of microwave capacitors and IC packages 80744
Beker, B. *see* Cain, J. 70924
Beker, B. *see* Chen, Y. 64204
Beker, B. *see* Yinchao Chen 80626
Beker, B. *see* Yinchao Chen 83761
Beker, B. *see* Yinchao Chen 92456
Bekey, G.A. *see* Iberall, T. 98951
Bekhaled, M. *see* Verhaege, T. 53840
Bekhaled, M. *see* Verhaege, T. 89367
Bekhouche, N. *see* Feliachi, A. 68100
Bekkedahl, T. *see* Ciszek, T.F. 100614
Bekkedahl, T. *see* Ciszek, T.F. 100619
Bekker, E.J.A.de *see* de Bekker, E.J.A.
Bekker, T.L., Dayton, J.A., Jr., Gilmour, A.S., Jr., Krainsky, I.L., Rose, M.F., Rameshan, R., File, D., Mearini, G. Observations of secondary electron emission from diamond films 62064
Bel, R., Becker, J., Duchemin, F. Explicit formulas for directivity pattern Dolph-Chebyshev shading 77731
Belache, A. *see* Droguet, J.P. 92826
Beladakere, N. *see* Ayyagari, M. 87305
Belaguli, V.K. *see* Agarwal, V. 90196
Belaid, A., Anigbogu, J.C. Use of many classifiers for multifont text recognition 64776
Belaidi, H., Juncar, P., Razet, A., Himbert, M. Stability transfer of stabilized Ar+ laser on optically pumped I_2 laser. Towards frequency standard around 1,3 μm 87419
Belal, A.A. An optimization algorithm for complete code trees 51331
Belal, A.E. *see* Nassary, M.M. 71743
Belal, A.E. *see* Nassary, M.M. 92984
Belanger, N., Haccoun, D., Savaria, Y. A multiprocessor architecture for multiple path stack sequential decoders 51367
Belanger, P.-A., Pare, C. Unstable laser resonators with a specified output profile by using a graded-reflectivity mirror: geometrical optics limit 72946
Belanger, P.A. *see* Pare, C. 63906
Belanger, S.P. Multipath TDOA and FDOA estimation using the EM algorithm 84421
Belas, E. *see* Hoschl, P. 61236
Belavic, D. *see* Hrovat, M. 66311
Belbounaguia, N., Druon, C., Tabourier, P., Wacrenier, J.M. Nondestructive mapping of GaAs wafers from measurement of magnetoresistance effect using a novel microwave device 58943
Belchenko, Yu.I., Bacal, M. Compact hollow cathode Penning surface-plasma sources for steady-state negative ion production 53194
Belchenko, Yu.I., Kupriyanov, A.S. Surface-plasma sources with an intense cathode and anode productions of negative ions 53185
Belchenko, Yu.I. *see* Michaut, C. 53195
Belcher, D. *see* Oliver, C.J. 75561
Belcher, E. *see* Johnson, B. 99370
Belcher, E.O. A multibeam, diver-held sonar using a liquid-filled, spherical acoustic lens 97460
Belcher, J.F., Owen, R.A. Uncooled infrared detector processing 87198
Belcher, M.L., Holder, E.J., Nessmith, J.T. Precision tracking performance in the presence of correlated measurement error 75529
Belczynski, C.R., Jr. *see* Kovacs, G.T.A. 76983
Belendez, A., Carretero, L., Fimia, A. Experimental evaluation of shearing effects in volume holograms formed in bleached photographic emulsions 94674
Belendez, A. *see* Banyasz, I. 83393
Belendez, A. *see* Carretero, L. 83386
Belendez, A. *see* Fimia, A. 83350
Belenky, G.L., Garbinski, P.A., Smith, P.R., Luryi, S., Cho, A., Hamm, R.A., Sivco, D.L. Microwave performance of top-collector charge injection transistors on InP substrates 62694
Belenky, G.L., Garbinski, P.A., Smith, P.R., Luryi, S., Cho, A.Y., Hamm, R., Sivco, D.L. Microwave studies of self-aligned top-collector charge injection transistors 92545
Belenky, G.L., Kastalsky, A., Luryi, S., Garbinski, P.A., Cho, Y., Sivco, D.L. Measurement of the effective temperature of majority carriers under injection of hot minority carriers in heterostructures 49801
Belenky, G.L. *see* Mastrapasqua, M. 63527
Belenli, I. *see* Jenkins, R.G. 72258
Belenov, E.M., Grigor'ev, S.V., Nazarkin, A.V., Smetanin, I.V. X-ray free-electron laser in the quantum regime 72934
Belesev, A.I. *see* Sekachev, I.V. 87943
Belfiore, J.C. *see* Leeuwin, M. 83966
Belfor, R.A.F., Hesp, M.P.A., Lagendijk, R.L., Biemond, J. Spatially adaptive subsampling of image sequences 84763
Belfort de Oliveira, A.J., Xavier Neto, S.P. The six-port technique: a brief review 87491
Belgal, H., Yuen, G., Grohs, J., Rozler, L., Gee, H., Broydo, S., Wegener, H.A.R., Owen, W., Drori, J. A new mechanism of pipeline defect formation in CMOS devices 62990
Belgnaoui, Y., Picherit, F., Turpin, M. Theoretical analysis of a distributed polarimetric sensor with birefringent optical fibers in noncoherent light 76052
Belgnaoui, Y. *see* Picherit, F. 76027
Belhadj, C., Chouchane, T., Xuan-Dai Do, Lefebvre, S. An expert system guide for load flow planning 99620
Belhoucine, B., Foggia, A., Meunier, G., Belhoucine, B., Besseau, M., Kermorgant, H., Brunotte, X. 3D finite element investigation of the magnetic field outside electromagnetic devices 83579
Belhoucine, B. *see* Belhoucine, B. 83579
Belic, M., Petrovic, M. Exact solution to cross-polarization two-wave mixing in cubic photorefractive crystals 73074
Belic, M. *see* Petrovic, M. 63990
Beliczynski, B. *see* Kale, I. 61810
Belikov, S.V., Gurzhiev, S.N., Kochetkov, V.I., Startsev, V.S. A scintillation triggering unit for a liquid-argon neutrino detector structure 53314
Belikov, V.I. *see* Gradoboeva, N.A. 86701
Belikova, T.P. Digital image processing in radiology: an experience of development of technology for computer-aided diagnosis 98807
Belin, M. *see* Clechet, P. 90320
Belin, M. *see* Huang, X. 84110
Beling, C.D., Fung, S., Weng, H.M., Reddy, C.V., Fan, S.W., Shan, Y.Y., Ling, C.C. The slow-positron beam facility at the University of Hong Kong 87662
Beling, C.D. *see* Chen, T.P. 62306
Beling, C.D. *see* Shan, Y.Y. 81226
Beljakov, N.A. *see* Nikulin, A.D. 83563
Beljakov, N.A. *see* Pantsyrny, V.I. 82487
Belkacem, A., Arnal, Y., Pelletier, J., Andre, E., Oberlin, J.C. Preparation of low resistivity tungsten thin films deposited by microwave-plasma-enhanced chemical vapour deposition from the tungsten hexafluoride-hydrogen system 48987
Belkacem, A. *see* Feinberg, B. 87833
Belkerdid, M. *see* Rothery, M. 55037
Belkerdid, M.A. *see* Tang, P.W. 95069
Belkerdid, M.A. *see* Vigil, A.J. 57330
Belkin, B.E., Denisenko, V.V., Kashirin, Yu.Yu., Shtophich, S.V. RF analog fiber optic links in the 2-4 GHz band 97265
Bell, A.E. *see* Lantz, S.L. 91615
Bell, B.R. *see* Burns, M.B. 79454
Bell, C.E. Weighted matching with vertex weights: an application to scheduling training sessions in NASA Space Shuttle cockpit simulators 59454
Bell, D. *see* Khalil, N. 71671
Bell, D. *see* Kozodoy, R.L. 94091
Bell, D.M. *see* Maeder, A.J. 74261
Bell, G.P., Kavanagh, D. Minimizing risk in your wide area network design 96661
Bell, H.C. *see* Johnstone, C.O. 89361
Bell, H.H., Crane, P.M. Training utility of multi-ship air combat simulation 77801
Bell, I.M. *see* Collins, P. 91926
Bell, I.M. *see* Yu, S. 55148
Bell, J.B., Nelms, R.M. Speed control of a brushless DC motor using pulse density modulation and MCTs 68644
Bell, J.C. Bridging the gap [Inmarsat-M system services] 97176
Bell, J.M., Knight, P.C. Ferroelectric-electrode interactions in $BaTiO_3$ and PZT thin films 82150
Bell, K. *see* Jennings, C. 100732
Bell, K.R. *see* Young, L.W., Jr. 89644
Bell, L. *see* Besser, B. 48665
Bell, M.R. *see* Daba, J.S. 57645
Bell, N.A., Broughton, R.A., Brooks, J.S., Jones, T.A., Thorpe, S.C. Structure-property relationships in Langmuir-Blodgett films of Zwitterionic D-π-A adducts of TCNQ 71010
Bell, N.A. *see* O'Rourke, J. 87334
Bell, P.A., Hoover, C.W., Jr., Pruchnic, S.J., Jr. Standard NETD test procedure for FLIR systems with video outputs 66448
Bell, R.A. *see* Barletta, W. 76338
Bell, R.A. *see* Schwarz, H.D. 67134
Bell, R.O. *see* Mil'shtein, S. 90390
Bell, R.O. *see* Sana, P. 100621
Bell, R.O. *see* Sawyer, W.D. 79762
Bell, R.O. *see* Sawyer, W.D. 100617
Bell, S. *see* Baker, A. 92225
Bell, T.C. *see* Gutmann, P.C. 57895
Bell, T.C. *see* Moffat, A. 95162
Bell, T.C. *see* Witten, I.H. 51643
Bell, T.C. *see* Witten, I.H. 64877
Bell, T.E. Analysis and forecast issue: technology 1994 48574
Bell, T.E. Telecommunications 51896
Bell, T.E. Alfred Yi Cho [biography] 91159

Bell, T.F., Inan, U.S., Reising, S.C., Rodriguez, J.V. VLF signatures of ionospheric heating by HIPAS 83687
Bell, T.F. *see* Sonwalkar, V.S. 94805
Bell, W.W., Parmley, L.J., Walk, H., Afzal, H. Inflow forecasting for Pakistan's major reservoirs 89719
Bellah Fard, S.M., Moses, A.J. A method of modelling the anisotropy of electro-technical steels in the finite element method 63157
Bellamine, F.H., Kuester, E.F. Guided waves along a metal grating on the surface of a grounded dielectric slab 73463
Bellanger, M. *see* Terre, M. 70746
Bellaouar, A., Abu-Khater, I.S., Elmasry, M.I., Chikima, A. Full-swing Schottky BiCMOS/BiNMOS and the effects of operating frequency and supply voltage scaling 61648
Bellarbi, L., Elkadiri, M., Leroy, Y., Mamouni, A. Temperature retrieval in lossy material by microwave correlation radiometry 53069
Bellard, L. *see* Shafeev, G. 48957
Bellarmine, G.T., Niranjan Suri, Robinette, M., Dreadin, M. Motor start program 89967
Bellato, G. Electronic transformers and ballasts for halogen and fluorescent lamps 90629
Bellazzini, R. *see* Angelini, F. 59120
Bellazzini, R. *see* Angelini, F. 98520
Bellazzini, R. *see* Enz, C.C. 98685
Bellazzini, R. *see* Sachdeva, R. 88016
Bellefon, A.de *see* de Bellefon, A.
Bellegarda, E.J. *see* Nathan, K.S. 84968
Bellegarda, J.R., de Souza, P.V., Nadas, A., Nahamoo, D., Picheny, M.A., Bahl, L.R. The metamorphic algorithm: a speaker mapping approach to data augmentation 64366
Bellegarda, J.R., de Souza, P.V., Nahamoo, D., Picheny, M.A., Bahl, L.R. A supervised approach to the construction of context-sensitive acoustic prototypes 84112
Bellegarda, J.R. *see* Nathan, K.S. 84968
Bellekom, A.A., Munter, P.J.A. Offset reduction in spinning-current Hall plates 52827
Bellens, R., de Schrijver, E., Van den Bosch, G., Groeseneken, G., Heremans, P., Maes, H.E. On the hot-carrier-induced post-stress interface trap generation in n-channel MOS transistors 50005
Bellens, R., Groeseneken, G., Heremans, P., Maes, H.E. Hot-carrier degradation behavior of N- and P-channel MOSFET's under dynamic operation conditions 81906
Bellerby, R. *see* Grant, M.F. 72368
Bellerive, J.-P. *see* Hochanh, T. 78137
Bellesis, G.H., Harlee, P.S., III, Renema, A., II, Lambeth, D.N. Magnetostriction measurement by interferometry 53023
Bellet, D., Dolino, G., Billat, S., Ligeon, M., Lefebvre, S., Bessiere, M. Synchrotron radiation study of structural properties of porous silicon 93169
Bellettini, G., Coscia, A. Discrete approximation of a free discontinuity problem 48857
Belli, P., Bernabei, R., Bacci, C., Incicchitti, A., Prosperi, D. Underground physics with liquid xenon detectors 67346
Belli, P. *see* Bacci, C. 67317
Bellifemine, F., Picco, R. Video signal coding with DCT and vector quantization 51652
Bellifemine, F. *see* Cafforio, C. 64833
Bellina, F. An analytical model for stress analysis of split toroidal field coils for a fusion device 73243
Bellina, F., Chitarin, G., Guamieri, M., Trevisan, F. Design, construction and operation of the Fast Protection System of the windings of RFX 82431
Bellina, F., Chitarin, G., Zollino, G. Investigation on transient overvoltages in a large winding for a fusion device during insulation tests 73244
Bellingeri, E., Eggenhoffner, R. Developments of a wide range characterization system for high-T_c superconductors [Comment on Rev. Sci. Instrum. 63, 2044 (1992)] 53047
Bellingham, J.G., Deffenbaugh, M., Leonard, J.J., Catipovic, J., Schmidt, H. Arctic under-ice survey operations 97443
Bellingham, J.G. *see* Deffenbaugh, M. 77549
Bellini, S. Simple baseband synchronisation scheme for tamed frequency modulation 51301
Belliss, J.H. *see* Robinson, I.A. 86828
Bellmore, M.A., Booker, D.R., Winter, K. An air-launched atmospheric sounding system (ALMET) 88784
Bello, I. *see* Lau, W.M. 93031
Bello, P.A. *see* Providakes, J.F. 86043
Bello, P.A. *see* Rifkin, R. 83651
Bellomo, G., Parodi, R., Gemme, G., Fabbricatore, P., Musenich, R., Zhang, B. Design and test of prototype cavities for the ELFA linac 67122
Bellomo, G. *see* Acerbi, E. 63871
Bellomo, L. *see* Barletta, W.A. 67060
Bellon, E., Feron, M., Marchal, G., Suetens, P., Van Den Bosch, B., Bogaert, J., Verschakelen, J., Schetz, M., Lauwers, P., Oosterlinck, A., Baert, A.L. Design for user efficiency in a dedicated ICU viewing station 88473
Bellon, E., Van Cleynenbreugel, J., Suetens, P., Marchal, G., Van Steenbergen, W., Plets, C., Oosterlinck, A., Baert, A.L. Multimedia e-mail systems for computer-assisted radiological communication 85614
Bellon, P.L. *see* Lanzavecchia, S. 84848
Bellon, R.A. *see* Lahaie, P. 86067
Belloni, F. *see* Manini, P. 87646
Bellotti, E. *see* Greife, U. 98550
Bellotti, V. *see* Dourish, P. 51913
Bellotto, W., Curinga, S., Ghelfi, P., Lavagetto, F. Somatic features extraction for facial mimics synthesis 57784
Belloum, A., Trihandyo, A., Yao, E., Meribout, M., Tu, X.W., Shawky, M., Li, L.K., Mayorquim, J.L., Hou, K.M. A reconfigurable and flexible parallel architecture based on the DSP TMS320C40 70660
Belloum, A. *see* Meribout, M. 84881
Bellovin, S.M., Cheswick, W.R. Network firewalls 85732
Bellows, A. *see* Boudreau, R. 94542
Bellur, B., Sasaki, G., Cha, S.M. Performance evaluation of MetaNet routing 65314
Bellur, K. *see* Chen, X. 93809
Bellur, K.R., Al-Shareef, H.N., Rou, S.H., Gifford, K.D., Auciello, O., Kingon, A.I. Electrical characterization of sol-gel derived PZT thin films 56135
Belluz, F. The statistical control of processes 61005
Belmans, R., Busschots, F., Timmer, R. Practical design considerations for braking problems in overhead crane drives 69126
Belmans, R., Malfait, A. Influence of power electronics on the electric motor 68519
Belmans, R. *see* Banitsch, R. 78650
Belmans, R. *see* DeWeerdt, R. 68618
Belmans, R. *see* Johansson, T.B. 68665
Belmans, R. *see* Johansson, T.B. 78667
Belmans, R. *see* Pahner, U. 68532
Belmans, R. *see* Van Poucke, P. 68622
Belmans, R. *see* Verdyck, D. 100058
Belmont, A.S., Kerfoot, I.B. Mean field and information theoretic algorithms for direct segmentation of tomographic images 88464
Belmont, J.-L. *see* Savalle, A. 87766
Belmont, M.R., Morris, E.L. Adaptive measurement and signal processing strategies associated with deterministic sea wave prediction 99293
Belmont, M.R. *see* Spaniol, J. 98797
Beloglazov, A.A. *see* Nikitin, P.I. 66202
Belogurov, S. *see* Chen, M. 67349
Belokonov, V.M. *see* Morozov, L.V. 67746
Belokopytov, G.V., Krasyuk, T.V. Resonance bolometer 66336
Belolaptikov, I.A., Bezrukov, L.B., Borisovets, B.A., Budnev, N.M., Chensky, A.G., Djikibaev, Z.A.M., Dobrynin, V.I., Domogatsky, G.V., Donskych, L.A., Doroshenko, A.A., Fialkovsky, S.V., Golikov, A.V., Gress, O.A., Heller, R., Heukenkamp, H., Kabikov, V.B., Klabukov, A.M., Klimov, A.I., Klimushin, S.I., Konopleva, T.A., Koshechkin, A.P., Krabi, J., Kulepov, V.F., Kuzmichov, L.A., Lanin, O.J., Lubsandorzhiev, B.K., Milenin, M.B., Mikolajski, T., Mirgazov, R.R., Nikiforov, S.A., Ogievietzky, N.V., Osipova, E.A., Padusenko, A.H., Panfilov, A.I., Parfenov, Yu.V., Pavlov, A.A., Petuchov, D.P., Pocheikin, K.A., Pochil, P.G., Pokalev, O.P., Rosanov, M.I., Rzhetshizki, A.V., Rubzov, V.Yu., Sinegovski, S.I., Sokalski, I.A., Spiering, Ch., Streicher, O., Tarashansky, V.A., Thon, T., Trofimenko, I.I., Wischnewski, R., Zurbanov, V.L. The Lake Baikal underwater telescope NT-36: first months of operation 59156
Belomestnykh, S. *see* Arbuzov, V. 67173
Belomestnykh, S.A., Voroshilov, A.N. Collective effects in the VEPP-3 storage ring 87819
Belomestnykh, S.E. *see* Anashin, V.V. 76538
Belongie, S. *see* Greenspan, H. 84799
Belopolsky, Y. Interaction of very high density SMT connectors with advanced multilayer substrates 80972
Belosel'skii, B.S., Khmelevskaya, E.D. Pyrogasification as an economically effective and ecologically friendly method for preparing and utilising low-grade fuels at power stations 99920
Beloselskii, B.S. *see* Solyakov, V.K. 89620
Belosheev, V.P. Pulsed lamp of modular design 60612
Beloshitsky, P. *see* Perelstein, E. 76542
Belostotsky, A.L., Leonov, A.S., Meleshko, A.V. Nonlinear phase change in type II second-harmonic generation under exact phase-matched conditions 63957
Belotitskii, V.I. Propagation of light in a nonuniformly magnetized medium with a slight birefringence: an experiment with a Faraday optical isolator 72486
Belotserkovsky, E., Shenfeld, O., Katzir, A. Infrared fiberoptic temperature control of the heating process in a microwave oven 69232
Belouet, C. *see* Borghs, G. 61944
Belous, V.M., Mandel', V.E., Popov, A.Yu., Tyurin, A.V. Determination of amplitude and phase modulations during three-dimensional holographic recording 73169
Belous, V.V. *see* Bass, F.G. 57112
Belousenko, I.V. Assessing the effectiveness of activities in power quality monitoring 99796
Belousov, M.P. *see* Vakulenko, B.F. 89664
Belov, A.S., Vasil'ev, G.A., Kuzik, V.E., Nechaeva, L.P., Plokhinskii, Yu.V. Emittance measurement of a beam of polarized hydrogen ions 87858
Belov, R.K., Varganov, A.V., Volodin, B.A., Vorob'ev, A.K., Gaponov, S.V., Drozdov, Yu.N., Klyuenkov, E.B., Morozov, K.V., Pavlov, S.A., Parafin, A.E., Talanov, V.V. $Y_1Ba_2Cu_3O_{7-\delta}$ thin films on sapphire for microwave applications 82515
Belov, S.V. *see* Astrova, E.V. 50691
Belov, S.V. *see* Astrova, E.V. 56550
Belov, V. *see* Perelstein, E. 76542
Belov, V.P., Severgin, Yu.P. Ion acceleration in synchrotrons with constant RF electrical field 87851
Belov, V.P. *see* Dolinsky, A.V. 87852
Belova, N.G., Karas, V.I. Numerical investigation of high-current ion beam acceleration and charge compensation in two accelerating gaps of induction linac 67020
Belquin, J.-M. *see* Danneville, F. 55404
Belsito, S., D'Auria, F., Galassi, G.M. Development of a statistical model for the evaluation of counterpart tests data base 60072
Bel'skii, A.M., Gulis, I.M., Saechnikov, K.A. Laser with continuous frequency tuning in the visible range, based on stimulated Raman scattering by polaritons 56690
Bel'skii, A.M., Gulis, I.M., Saechnikov, K.A. Discrete and continuous tuning in the visible range by intracavity stimulated Raman scattering in nonlinear crystals 94617
Bel'skii, Yu.L., Vedenyapin, A.B., Dmitriev, A.S., Zenkov, L.P., Starkov, S.O., Vasil'ev, P.P. Using the methods of nonlinear dynamics to analyze electroencephalograms and diagnose pathological brain states 88496
Bel'skiy, Yu.L., Dmitriyev, A.S. Transmission of information by means of deterministic chaos 51281
Belskiy, Yu.L. *see* Andreyev, Yu.V. 95056
Belsnes, D. *see* Mac An Airchinnigh, M. 96454
Belt, R.F., Ings, J.B., Whitlock, J.B. Chemical modification of magneto-optic garnet film properties 72058
Belter, M.K. A secure group membership protocol 57984
Beltran, H.F. *see* Skorin-Kapov, D. 74904
Beltran, H.F. *see* Skorin-Kapov, D. 96276
Belussi, F. The transformation of the 1980s: growth of network companies, or the return of flexibility in large businesses? 60839
Belvin, W.K. *see* Pokines, B.J. 100168
Belyaev, A.D. *see* Tsyganok, B.A. 92912
Belyaev, A.E., Komirenko, S.M., Semenov, Yu.G., Shevchenko, N.V. Low-temperature impurity breakdown in the semimagnetic semiconductor $p\text{-}Hg_{1-x}Mn_xTe$ 62222
Belyaev, V.S., Biglov, Z.A., Gordienko, V.M., Magnitskii, S.A., Oganyan, P.G. Efficient generation of high-power picosecond pulses in a solid-state YAG:Nd system with a regenerative amplifier 94405
Belyakov, L.B. Efficiency of non-linear processing of non-Gaussian interference with bimodal distribution 74024
Belyakov, N. *see* Nikulin, A. 82452
Belyakov, V.A. *see* Barmenkov, Yu.O. 52884
Belyakova, E.I. *see* Grekhov, I.M. 55915
Belyavin, A.J. *see* James, M.R. 99075
Belyavin, A.J. *see* Viveash, J.P. 67672
Belyavskaya, T.G., Levchuk, Yu.P., Okhinchenko, E.P., Strigina, E.V. The choice of filters for a digital single-sideband signal generator 64526
Belyavskii, S.S., Mulyarchik, S.G., Popov, A.V. Solution of linear systems in modeling of non-planar VLSIC elements on rectangular grids 56052
Belyavskiy, Ye.D. Locking of electron bunches by the field of an electromagnetic wave with an arbitrary waveform in O-type devices 81151
Belyayev, R.V., Savel'yev, S.V. Stochasticity in amplification of biharmonic signal by bipolar microwave power transistor 92547
Belyi, V.A., Khutoretskaya, Yu.K. New MTI-MTKI series of crane and metallurgical ac motors 68540
Belykh, A.D. *see* Napartovich, A.P. 82935
Belyo, S. *see* Potter, N. 90979
Belytschko, T., Blacker, T.D. Enhanced derivative recovery through least square residual penalty 48843
Belyukov, M. *see* Smirnova, N. 88602
Belzer, B. *see* Villasenor, J.D. 57906
Belzile, J. *see* Despins, C.L. 65651
Belzile, J. *see* Gagnon, F. 86073
Bem, D.J. *see* Krzysztofik, W.J. 97596
Bemes, M. *see* Dowell, D. 76384
Bemis, J. Compact fluorescent lamp test Crofton Court; 1992 69210
Bemis, L. *see* Shor, J.S. 58732
Bemis, T. *see* Hargreaves, T.A. 92887
Bemiss, W.R. *see* Bousse, L. 98738
Bemmel, V. *see* Khera, H. 85835
Ben, S. *see* Ishida, N. 67339
Ben Assayag, G. *see* Vieu, C. 81740
Ben Jemaa, N. *see* Benhenda, S. 61992
Ben Wang *see* Wang Ben

Ben-Arie, J., Rao, K.R. Image expansion by non-orthogonal basis functions extended for optimal multiple template matching 84974
Ben-Arie, J. *see* Raghunath Rao, K. 51667
Ben-Arie, J. *see* Rao, K.R. 95667
Ben-Aroya, I., Biham, E. Differential cryptanalysis of Lucifer 73756
Ben-Dau Tseng *see* Xiao Feng Wang 95954
Ben-David, R. *see* Abe, K. 88115
Ben-Dor, B., Balfour, L.S., Talmore, E., Pasternak, A. Utility of the 4.6- to 4.9-μm atmospheric window for remote sensing of background temperature 99307
Ben-Itzhak, I. *see* Hidmi, H.I. 59013
Ben-Jacob, J. *see* Leslie, T. 62608
Ben-Miled Zina *see* Zina Ben-Miled
Ben-Ren Zhu *see* Zhu Ben-Ren
Ben-Tao Yuan, Dao-Zhi Xia, Yi-Xin Ni Eigen analysis method for stability evaluation of linear constant-coefficient RDDE and its application to power system 89128
Ben-Tao Yuan, Yi-Xin Ni, Yan-Chun Wang A new microprocessor based device for monitoring subsynchronous oscillation in power systems 60019
Ben-Tzur, M. *see* Helm, M. 71799
Ben-Tzvi, D., Del Bimbo, A., Nesi, P. Optical flow estimation by using the combinatorial Hough transform 84886
Ben-Yaakov, S. Average simulation of PWM converters by direct implementation of behavioral relationships 49167
Ben-Yaakov, S. *see* Edry, D. 54076
Ben-Yaakov, S. *see* Edry, D. 61543
Ben-Yaakov, S. *see* Edry, D. 61545
Ben-Yaakov, S. *see* Gulko, M. 54105
Ben-Yaakov, S. *see* Gulko, M. 68805
Ben-Yaakov, S. *see* Gulko, M. 69201
Ben-Yaakov, S. *see* Ivensky, G. 54077
Ben-Yaakov, S. *see* Medini, D. 61523
Ben-Zvi, I. Performance of photocathode RF gun electron accelerators 76383
Ben-Zvi, I. *see* Facco, A. 67085
Ben-Zvi, I. *see* Ingold, G. 63868
Ben-Zvi, I. *see* Lehrman, I.S. 71022
Ben-Zvi, I. *see* Solomon, L. 63880
Ben-Zvi, I. *see* Wang, X.J. 76608
Ben-Zvi, I. *see* Wang, X.J. 76748
Benacka, S. *see* Darula, M. 56255
Benadero, L. *see* Perez, R. 56174
Benaim, N. *see* Kruh, D. 58622
Benaissa, M. *see* Parker, M.G. 49345
Benaissa, M. *see* Parker, M.G. 70595
Benali, H., Buvat, I., Frouin, F., Bazin, J.P., Di Paola, R. Foundations of factor analysis of medical image sequences: a unified approach and some practical implications 64823
Benalloul, P. *see* Hong Xian 94276
Benalloul, P. *see* Zeinert, A. 81240
Benamara, Z., Mansouri, S., Sehil, H., Raoult, F., Bonnaud, O. Influence of the polysilicon film structure on the capacitance voltage characteristics of thin film transistors 81877
Benammar, M. Techniques for measurement of oxygen and air-to-fuel ratio using zirconia sensors. A review 66582
Benammar, M., Maskell, W.C. A novel miniature zirconia gas sensor with pseudo-reference. II. Combined amperometric and potentiometric operation for monitoring combustion systems 87319
Benamrane, N., Bourton, M. Image matching: a new structural method based on regions 84867
Benard, D.J., Boehmer, E. Chemically pumped visible-wavelength laser with high optical gain 82924
Benard-Dende, J.-C. *see* Nevoux, R. 86169
Benaroya, R. *see* Dortwegt, R. 87651
Benarroch, A., Mercader, L. Signal statistics obtained from a LMSS experiment in Europe with the MARECS satellite 52459
Benary, O., Cleland, W., Cunitz, H., Ferguson, I., Gordeev, A., Gordon, H., Kistenev, E., Kroon, P., Leltchouk, M., Lissauer, D., Ma, H., Makowiecki, D., Masiennikov, A., McCorkle, S., Onoprienko, D., Onuchin, A., Oren, Y., Panin, V., Parsons, J.A., Radeka, V., Rahm, D., Rogers, L., Rescia, S., Rutherfoord, J., Seman, M., Sippach, W., Smith, M., Sondericker, J., III, Sonnadara, U., Steiner, R., Stephani, D., Stern, E., Stumer, I., Takai, H., Themann, H., Tikhonov, Y., Willis, W.J. Liquid ionization calorimetry with time-sampled signals 98517
Benary, O., Cleland, W., Ferguson, I., Gordeev, A., Gordon, H., Kistenev, E., Kroon, P., Leltchouk, M., Lissauer, D., Ma, H., Makowiecki, D., Maslennikov, A.M., McCorkle, S., Onoprienko, D., Onuchin, A., Oren, Y., Panin, V., Parsons, J.A., Radeka, V., Rogers, L., Rahm, D., Rescia, S., Rutherfoord, J., Seman, M., Smith, M., Sondericker, J., Steiner, R., Stephani, D., Stern, E., Stumer, I., Takai, H., Themann, H., Tikhonov, Y., Willis, W.J. Performance of an accordion electromagnetic calorimeter with liquid krypton and argon 53327
Benary, O., Cleland, W., Ferguson, I., Gordeev, A., Gordon, H., Kistenev, E., Kroon, P., Leltchouk, M., Lissauer, D., Ma, H., Makowiecki, D., Maslennikov, A., McCorkle, S., Onoprienko, D., Onuchin, A., Oren, Y., Panin, V., Parsons, J.A., Radeka, V., Rogers, L., Rahm, D., Rescia, S., Rutherfoord, J., Seman, M., Smith, M., Sondericker, J., III, Steiner, R., Stephani, D., Stern, E., Stumer, I., Takai, H., Themann, H., Tikhonov, Y., Willis, W. An accordion liquid argon electromagnetic calorimeter with absorber in all electrodes 98640
Benasciutti, R. *see* Battistini, L. 63160
Benatti, F., Ghirardi, G., Grassi, R. On some recent proposals for testing macrorealism versus quantum mechanics 56274
Benayoun, M., Crasson, M., Diaczek, A., Leruste, Ph., Pairat, M., Sene, M., Sene, R., Szafran, S., Volte, A. Impact reconstruction in pad chambers. II. Tests with pad chamber data 59095
Benbo Yang *see* Yang Benbo
Benbouzid, M.E.H., Reyne, G., Meunier, G. A 2D dynamic formulation for nonlinear finite element modelling of Terfenol-D rods 51003
Bence, R., Fraser, J., Linser, L. Variable degrees of multimedia implementation and their impact on network elements 96774
Benchao Sie *see* Yong Rin 59638
Benchao Sie *see* Sie Benchao
Bencheikh, C. *see* Anzivino, G. 67353
Benchimol, J.L. *see* Lamare, B. 71617
Benchimol, J.L. *see* Lamare, B. 81439
Bencic, Z., Jakopovic, Z., Mrkoci, D. Computer assisted identification and measurement of a semiconductor device-heat sink thermal system 79341
Bencivelli, W., Bertolucci, E., Bottigli, U., Cola, A., Fantacci, M.E., Rizzo, P., Rosso, V., Stefanini, A. Electrical characterization and detector performances of a LPE GaAs detector for X-ray digital radiography 67526
Bencivelli, W., Bertolucci, E., Bottigli, U., Conti, M., Del Guerra, A., Fantacci, M.E., Gambaccini, M., Larobina, M., Marziani, M., Randaccio, P., Rosso, V., Russo, P., Russo, S., Scarlatella, A., Stefanini, A. X-ray imaging test of a μ-strip silicon detector with a transputer DAQ 88436
Bencivelli, W. *see* Alfano, B. 59375
Bencivelli, W. *see* Bandettini, A. 59109
Bencivelli, W. *see* Bandettini, A. 76979
Bencivenni, G., D'Incecco, M., Felici, G., Gustavino, C., Iacuessa, E. A modular design for glass spark counters 67303
Bencze, G. *see* Adriani, O. 88023
Bencze, G. *see* Arefiev, A. 88007
Bencze, G.L. *see* Gasparini, F. 53303
Bencze, G.L. *see* Moers, T. 67364
Bencze, Gy.L. *see* Adam, A. 88087
Bencze, L., Szalay, A., Vajda, I. Fabrication of an HTSC electrical switch 56285
Benda, J.A., Palma, G.E., Sziklas, E.A., Blaszuk, P.R. Reverse wave-coupled ring lasers 83206
Benda, O., Cerven, J., Oravec, J. Shock waves and solitons in applied electromagnetics 57165
Benda, S. The technical and economical optimization of interference tests and the analysis of the risks with regard to the design of interference-free apparatus and systems 51137
Benda, S. Earthing and bonding in large installations 78189
Benda, V., Granier, M., Lebrun, P., Novellini, G., Sergo, V., Tavian, L., Vullierme, B. Cryogenic benches for superfluid helium testing of full-scale prototype superconducting magnets for the CERN LHC project 94030
Bendaas, M.L., Ferrieux, J.P., Rognon, J.P. Safe and time-optimized power transfer between two induction loads supplied by a single generator 90659
Bendada, M., Mialhe, P. Surface potential and saturation current in an MOS structure 71248
Bendak, M.B. *see* Picker, D. 93607
Bendale, P. *see* Venigalla, S. 49687
Bende, G. *see* Jaeger, K. 100727
Bendelli, G. *see* El Yumin, S. 63801
Bender, A., Schippel, E. X-ray reflectivity study of reactive DC sputter deposited Al_2O_3 thin films 63043
Bender, C. Capacitive ladder networks 80421
Bender, D.K., Ferreira, A.M. Higher density using diffusion patterned vias and fine-line printing 79336
Bender, G., Schneider, H. High-speed characterization of p-i-n photodetectors by nonlinear photocurrent spectroscopy 75998
Bender, G. *see* Flemig, G.W. 79865
Bender, H. *see* Tavares, J. 81353
Bender, K. ISDN coin phone 85968
Bender, K. *see* Ralston, J.D. 83163
Bender, S.E. *see* Barmenkov, Yu.O. 52884
Bender, W. *see* Chen, Y. 85017
Bender, W. *see* Teodosio, L. 57882
Bendix, O. Speech recording on credit card-sized memory cards 57427
Bendriem, B. *see* Frouin, V. 76948
Bendz, G.A., Horan, M.S., Jones, J.D., Tavares, F.A. Fluid head—source reduction process technology 79278
Benech, P. *see* Gerard, P. 56388
Benech, P. *see* Gerard, P. 63471
Benech, P. *see* Gerard, P. 82680
Benech, P. *see* Helleso, O.G. 50571
Benech, P. *see* Helleso, O.G. 94146
Benech, P. *see* Schanen Duport, I. 82688
Benech, Ph., Chamberod, E., Kovaleski, J.L., Monllor, C. Use of a piezoelectric polymer for angular position and acceleration measurement 52863
Benecke, J.D. *see* Allen, R.A. 62975
Benecke, W. *see* Wagner, B. 60268
Benedetti, A. *see* Kovacs-Vajna, Z.M. 50055
Benedetti, R., Palma, D. Image subsampling and multi-platform data integration: a stochastic relaxation approach 77256
Benedetto, J.J., Li, S. Multiresolution analysis frames with applications 84275
Benedetto, J.J., Saliani, S. Subband coding for sigmoidal nonlinear operations 57382
Benedetto, O.Di *see* Di Benedetto, O.
Benedetto, R.Di *see* Di Benedetto, R.
Benedetto, S., Djupsjobacka, A., Lagerstrom, B., Paoletti, R., Poggiolini, P., Mijic, G. Multilevel polarization modulation using a specifically designed $LiNbO_3$ device 82684
Benedetto, S., Garello, R., Mondin, M. Geometrically uniform trellis codes based on multidimensional unbalanced QPSK 73772
Benedetto, S., Mondin, M., Montorsi, G. Performance evaluation of trellis-coded modulation schemes 64321
Benedetto, S., Poggiolini, P. Theory of polarization spreading techniques—Part II 65844
Benedetto, S., Poggiolini, P.T. Multilevel polarization shift keying: optimum receiver structure and performance evaluation 52612
Benedetto, S. *see* Ottolenghi, P. 72856
Benedetto, S. *see* Poggiolini, P. 57192
Benedetto, S. *see* Poggiolini, P. 97352
Benedetto, V., Colombo, C., Cornaglia, B., D'Aria, G., Spini, M. Loss of pointer in SDH digital radio relay systems 52309
Benedict, J. *see* Anderson, R.M. 81407
Benedict, J. *see* Ransom, C.M. 55590
Benedict, L.H. *see* Gould, R.D. 98369
Benedicto, X., Viola, R. Personal communications and digital audio broadcasting: future satellite systems 58352
Benedicto, X. *see* Fortuny, J. 58330
Beneking, C. *see* Kolter, M. 100699
Benelli, G., Cau, G.R., Radaelli, A. A performance evaluation of slotted Aloha multiple access algorithms with fixed and variable frames for radiomobile networks 65646
Benelli, G., Fioravanti, A., Garzelli, A., Matteini, P. Some digital receivers for the GSM pan-European cellular communication system 65645
Benelli, G., Garzelli, A., Mecocci, A. Complete processing system that uses fuzzy logic for ship detection in SAR images 74477
Benelli, G., Garzelli, A., Salvi, F. Simplified Viterbi processors for the GSM Pan-European cellular communication system 97151
Benenson, D.S. Analysis of the coupling of antennas placed above a statistically rough surface 83811
Benenson, R.E. *see* Chen, H. 59026
Benerofe, S.J., Ahn, C.H., Wang, M.M., Kihlstrom, K.E., Do, K.B., Arnason, S.B., Fejer, M.M., Geballe, T.H., Beasley, M.R., Hammond, R.H. Dual beam atomic absorption spectroscopy for controlling thin film deposition rates 54968
Benes, P. *see* Bejcek, L. 55116
Benes, S.J. *see* Nawrocki, G.J. 76333
Benesch, J. *see* Reece, C. 67127
Benesch, J.F. *see* Dylla, H.F. 67053
Benesch, J.F. *see* Mammosser, J. 67062
Benesch, J.F. *see* Mammosser, J. 67113
Benett, Y. *see* Borges, M. 69391
Benetta, R. *see* Dell'Acqua, A. 87955
Benetta, R. *see* Dell'Acqua, A. 98680
Benetti, P., Calligarich, E., Dolfini, R., Berzolari, A.G., Mauri, F., Montanari, C., Piazzoli, A., Rappoldi, A., Raselli, G.L., Scannicchio, D., Bettini, A., Casagrande, F., Casoli, P., Centro, S., De Vecchi, C., Gasparini, F., Muratori, G., Pepato, A., Pietropaolo, F., Rossi, P., Suzuki, S., Ventura, S., Castagnoli, C., Mannocchi, G., Periale, L., Picchi, P., Cavanna, F., Piano Mortari, G., Cennini, P., Cittolin, S., Rubbia, C., Cheng, M., Cline, D., Otwinowski, S., Zhou, M., Fortson, L., Mazzone, L., Wang, H. Detection of energy deposition down to the keV region using liquid xenon scintillation 67327
Benetti, P., Calligarich, E., Dolfini, R., Gigli Berzolari, A., Mauri, F., Mazzone, L., Montanari, C., Piazzoli, A., Rappoldi, A., Raselli, G.L., Scannicchio, D., Bettini, A., Casagrande, F., Casoli, P., Centro, S., Dainese, B., De Vecchi, C., Muratori, G., Pepato, A., Pietropaolo, F., Rossi, P., Suzuki, S., Ventura, S., Cavanna, F., Piano Mortari, G., Cennini, P., Cittolin, S., Rubbia, C., Cheng, M., Cline, D., Otwinowski, S., Zhou, M., Gasparini, F., Fortson, L., Picchi, P., Wang, H., Periale, L. The ICARUS research & development program and results 67328
Benetti, P. *see* Cennini, P. 67285
Benetti, P. *see* Cennini, P. 76755
Benezech, D. *see* Estreme, F. 70579
Benford, D. *see* Clapp, A. 58784
Benfu Guo *see* Guo Benfu
Bengin, V.V., Petrov, V.M., Shurshakov, V.A. Effects of west-east asymmetry of proton fluxes

in the region of the Brazil Magnetic Anomaly 77106
Bengtsson, B.A. *see* Canelhas, A. 68901
Bengtsson, C. *see* Loffler, F. 68669
Bengtsson, C. *see* Loffler, F. 72171
Bengtsson, C. *see* Pfutzner, H. 90062
Bengtsson, E., Nordin, B., Pedersen, F. MUSE—a new tool for interactive image analysis and segmentation based on multivariate statistics 51657
Bengtsson, J. Direct inclusion of the proximity effect in the calculation of kinoforms 81716
Bengtsson, J. Direct inclusion of the proximity effect in the calculation of kinoforms 83352
Bengtsson, J. Kinoform design with an optimal-rotation-angle method 94691
Bengtsson, J., Leemans, W., Byrne, T. Emittance measurement and modeling of the ALS 50 MeV linac to booster line 67000
Bengtsson, J. *see* Meddahi, M. 67205
Bengtsson, J. *see* Meddahi, M. 87923
Bengtsson, J. *see* Portmann, G. 76477
Bengtsson, J.P. *see* Poland, S.H. 98052
Bengtsson, K. Head up display. Requirements on an avionic system 59511
Bengtsson, T., Ming, L., Leijon, M., Jonsson, B. Partial discharges studies using acoustic emission 90090
Bengtsson, T. *see* Ming, L. 90305
Benbabib, B. *see* Bonen, A. 87116
Benhenda, S., Ben Jemaa, N., Bourir, M. Effect of pulse plating parameters on electrical contact behavior of nickel coatings 61992
Benhocine, A. *see* Eizenberg, M. 49819
Benidir, M. *see* Barret, M. 57506
Benidir, M. *see* Barret, M. 80447
Benidir, M. *see* Barret, M. 95580
Benidir, M. *see* Krob, M. 84509
Benie, G.B. *see* Goita, K. 67755
Benimoff, N.I., Carlin, R.E., Jr., Daudelin, A.N., Remite, F., Jr., Shinners, S.P., Daniro, D.J., Jr. AT&T message service 85556
Benincasa, G. *see* Barnett, I. 76827
Benistant, F. *see* Hourany, J. 52287
Benitez, J.M. *see* Lejus, A.M. 72723
Benitz, G.R. Adaptive high-definition imaging 75622
Benjamin, C.O., Pattanapanchai, S. A QFD framework for developing engineering laboratories 69398
Benjamin, M.C., Cheng Wang, Davis, R.F., Nemanich, R.J. Observation of a negative electron affinity for heteroepitaxial AlN on α(6H)-SiC(0001) 62253
Benjamin, S.D., Othonos, A., Smith, P.W.E. Large ultrafast optical nonlinearities in As-rich GaAs 94586
Benjamin, T.G. *see* Root Woods, R. 78803
Benjamini, Y. *see* Fuchs, C. 91118
Benjaminsen, J.T., Faremo, H., Soelberg, P., Olsen, J.A. Long term testing of MV-XLPE cables 89286
Benjelloun, K., Mechlih, H., Boukas, E.K. A modified model reference adaptive control algorithm for DC servomotor 100166
Benkais, M. *see* Dallet, D. 87058
Benke, T. *see* Tooker, J.F. 76299
Benkhebbab, M. *see* Vacher, A. 49480
Benkhelifa, A.M., Gindre, M., Le Huerou, J.Y., Urbach, W. B-type imaging with coded signals 99358
Benkhelifa, M.A., Gindre, M., Le Huerou, J.-Y., Urbach, W. Echography using correlation techniques: choice of coding signal 88891
Ben'ko, V.Yu. *see* Nechiporenko, I.N. 94757
Benlaksira, M. *see* Haduong, T. 65379
Benlarbi, A., Leroy, Y. A novel short-range anticollision radar 75636
Benmahammed, K. Evaluation of complex polynomials in one and two variables 55035
BenMohamed, L., Meerkov, S.M. Feedback control of congestion in store-and-forward datagram networks: the case of a single congested node 65516
Bennalloul, P. *see* Zeinert, A. 72614
Bennamane, B. *see* Darraud, C. 63336
Bennamane, B. *see* Darraud, C. 82518
Bennani, Y. Probabilistic cooperation of connectionist expect modules: validation on a speaker identification task 73818
Bennet, F. *see* Richardson, T. 85630
Bennet, S. Airborne video enhancement processing as an upgrade to in-service airborne surveillance systems 74381
Bennett, B. Break the performance bottlenecks in today's multiprocessor designs 74968
Bennett, B.L. *see* Paciotti, M.A. 76401
Bennett, B.M. *see* Kakarala, R. 84429
Bennett, B.R., Shanabrook, B.V., Glaser, E.R. Interface control in InAs/AlSb superlattices 71177
Bennett, B.R. *see* Sun, D. 55597
Bennett, B.R. *see* Towe, E. 54846
Bennett, B.R. *see* Yang, M.J. 97989
Bennett, G., Larsen, R., Morse, N., Semertzidis, Y., Yelk, J., Liu, Z. Electrostatic quadrupole focusing in the AGS g-2 storage ring 76550
Bennett, G. *see* DeWeese, E. *(editor)* 69357
Bennett, H.E., Rather, J.D.G., Montgomery, E.E., IV Free-electron laser power beaming to satellites at China Lake, California 88705
Bennett, H.S. *see* Field, B.F. 66608
Bennett, J., Hamilton, R., Hayward, G. Finite element modelling of 1-3 composite transducers for underwater applications 99328
Bennett, J. *see* Gillen, G. 71542
Bennett, J.A., Mackevich, J.P., Mosso, R. Innovations in polymer arrester moisture sealing testing 90300
Bennett, J.C. *see* Smith, F.C. 97419
Bennett, J.M. *see* Bauer, M.A. 51867
Bennett, J.W. *see* Thio, T. 81743
Bennett, K. *see* Booth, C. 59812
Bennett, K.D., Winters, R.C., Chen, R.Z. Fiber optic modal domain sensors for monitoring impact-related acoustic shock waves 76046
Bennett, L.F. *see* Mazarakis, M.G. 66798
Bennett, M., Clark, D. Object oriented modelling of communications systems 57932
Bennett, M., Newton, J., Poplawski, C., McMahon, T. An investigation of the effect and nature of shunts in a-Si solar cells 100535
Bennett, M., Rajan, K., Kritikson, K. Amorphous silicon based solar cells deposited from H_2-diluted SiH_4 at low temperatures 100531
Bennett, M. *see* Arya, R.R. 90414
Bennett, M. *see* Arya, R.R. 100522
Bennett, M. *see* Celata, C.M. 87832
Bennett, M. *see* Fonash, S.J. 72588
Bennett, N. *see* Bruno, B. 74475
Bennett, P.A. The testing for fire-survival and water ingress of electrical distribution and peripheral equipment for use in emergency systems 53980
Bennett, P.G. *see* Hurst, D.N. 48598
Bennett, R. *see* Dowling, K. 53488
Bennett, S.A.W. *see* Gallagher, M. 96991
Bennett, W.R. *see* Ranjan, R. 63181
Bennett, W.R., Jr. Cancer and power lines 53482
Bennett, W.R., Jr., Chebotayev, V.P. Laser stabilitron: noise and dynamic properties 72939
Bennewitz, J.H. *see* Johnson-Cole, H. 56406
Bennion, I. *see* Farries, M.C. 56514
Bennion, I. *see* Williams, J.A.R. 63381
Bennitts, R.G. Progress in design for test: a personal view 58640
Benois, J. *see* Delagnes, P. 74296
Benoit, A. *see* Broquet, J. 59447
Benoit, D.E. *see* Marine, S.S. 81596
Benoit, J. *see* Gabriagues, J.M. 97301
Benoit, J. *see* Hong Xian 94276
Benoit, J. *see* Zeinert, A. 72614
Benoit, J. *see* Zeinert, A. 81240
Benoit-Cattin, H. *see* Baskurt, A. 88465
Benqing Gao *see* Gao Benqing
Benren, T. An ECCM model and the technical development trends to the demands of the future EW combat 59647
Bensaada, A., Cochrane, R.W., Masut, R.A. Dislocation-enhanced diffusion in heteroepitaxial GaInP/InP:S 55626
Bensaada, A. *see* Cleton, F. 81318
Bensahel, D. *see* Boucaud, P. 70002
Bensahel, D. *see* Boucaud, P. 70036
Bensaou, B., Guibert, J., Roberts, J.W., Simonian, A. Performance of an ATM multiplexer queue in the fluid approximation using the Benes approach 65513
Bensaoud, S. *see* Barbier, C.E. 69175
Bensaoula, A., Medelci, N., Vilela, M.F., Freundlich, A., Taylor, S., Beaumont, B. High-efficiency p/n $In_{0.53}Ga_{0.47}As$ solar cell for tandem applications 60476
Bensaoula, A. *see* Bensaoula, A.H. 54849
Bensaoula, A. *see* Bousetta, A. 70145
Bensaoula, A. *see* Freundlich, A. 100670
Bensaoula, A. *see* Vilela, M.F. 60471
Bensaoula, A.H., Freundlich, A., Bensaoula, A., Rossignol, V., Ponchet, A. Chemical beam epitaxy of strain balanced GaP/GaAs/InP/GaAs superlattices 54849
Bensberg, G. *see* Pirat, P. 97604
Bensenouci, A. *see* Aggoune, M.E. 99551
Benser, E.T. System concepts for flight crew enhanced situation awareness systems 77137
Benski, C. Implementation of statistical algorithms for international dependability-standards 54626
Benslama, K. *see* Borer, K. 53347
Benslim, N. *see* Agli, N. 81259
Benslimane, A. Deciding boundedness for systems of two communicating finite state machines 85323
Bensmaia, N., Aubin, J., Skorek, A. Simulation of the behaviour of fluids in thermal analysis of the windings of power transformers 100205
Bensoam, M. *see* Keradec, J.P. 54063
Benson, J.D. *see* Dhar, N.K. 91521
Benson, J.L. *see* Wood, R.M. 68392
Benson, J.M., Chunnilall, C.J. Studying bending in optical fibres using spectroscopic techniques 50463
Benson, J.W., Yuan-Liang Li, Swenson, G.W., Jr. A baffle-type directional microphone 59610
Benson, K. Regeneration for AC drive systems 78885
Benson, O., Raithel, G., Walther, H. Quantum jumps of the micromaser field: dynamic behavior close to phase transition points 56599
Benson, R.C. *see* Muftu, S. 50275
Benson, R.C. *see* Muftu, S. 97736
Benson, S. *see* Liu, H. 83184
Benson, T.M., Bozeat, R.J., Kendall, P.C. Finite difference analysis of active optical waveguide devices 50528
Benson, T.M., Bozeat, R.J., Kendall, P.C. Complex finite difference method applied to the analysis of semiconductor lasers 50841
Benson, T.M. *see* Duffy, A.P. 57129
Benson, T.M. *see* Duffy, A.P. 57191
Benson, T.M. *see* Duffy, A.P. 94886
Benson, T.M. *see* Kong, G. 92883
Benson, T.M. *see* Smartt, C.J. 50556
Benson, T.M. *see* Smartt, C.J. 72354
Benson, T.M. *see* Smartt, C.J. 94136
Benson, T.M. *see* Trenkic, V. 57160
Bensoussan, A., Coval, P., Roesch, W.J., Rubalcava, T. Reliability of a GaAs MMIC process based on 0.5 μm Au/Pd/Ti gate MESFETs 61939
Bent, B.E. *see* Chaochin Su 62487
Bentamy, A. A ERS-1 scatterometer wind vector model function based on buoys data 77380
Bentao Yuan *see* Yuan Bentao
Benten, M.S.T. *see* Ali, S. 91727
Bentivegna, F. *see* Larrue, D. 72711
Bentley, C. *see* Baker, B.S. 78805
Bentley, J. *see* Wang, Z.L. 79935
Bentley, P.M., McDonnell, J.T.E. Wavelet transforms: an introduction 84192
Bentley, R., Hughes, J.A., Randall, D., Rodden, T., Sawyer, P., Shapiro, D., Sommerville, I. Ethnographically-informed systems design for air traffic control 99128
Bentley, R., Rodden, T., Sawyer, P., Sommerville, I. An architecture for tailoring cooperative multi-user displays 96186
Bento, A.C. *see* Trow, M.W. 87996
Bento, A.C.S.S.M. *see* Conde, C.A.N. 59105
Benton, C. *see* Fountain, M. 100951
Benton, D. *see* Wuosmaa, A.H. 67386
Benton, J.L. *see* Blayo, N. 71320
Bentourkia, M. *see* Lecomte, R. 59286
Bentsman, J. *see* Pellegrintti, G. 89580
Bentz, J. *see* Arsenault, M. 91107
Benveniste, A. *see* Zhang, Q. 61050
Benveniste, Y. A micromechanics model for coated-fiber piezoelectric composites 93750
Benvenuti, A., Ghione, G., Pinto, M.R., Coughran, W.M., Jr., Schryer, N.L. Coupled thermal-fully hydrodynamic simulation of InP-based HBTs 62723
Benvenuti, C., Calatroni, S., Chiaveri, E., Orlandi, G., Weingarten, W. Superconducting cavities for particle accelerators: achievements and problems 98478
Benvenuti, C., Calatroni, S., Orlandi, G. Superconducting cavities for particle accelerators 59028
Benvenuti, C. *see* Cavallari, G. 67070
Benvenuto, N., Cariolaro, G., Michieletto, G., Vangelista, L. Analysis of channel noise in orthogonally multiplexed QAM systems 84551
Benvenuto, N., Lubello, G., Marchesani, R. Channel estimators in time varying multipath environments 97012
Benyamin-Seeyar, A. *see* Ming Jia 51344
Benyamin-Seeyar, A. *see* Tho Le-Ngoc 73621
Benyattou, T. *see* Garcia Perez, M.A. 56594
Benyattou, T. *see* Regreny, P. 55567
Benyattou, T. *see* Seghier, D. 49780
Benyon, R., Moratilla, A. Product quality through accredited industrial calibration: a Spanish experience 66106
Benyuan Gu *see* Guozhen Yang 57747
Benyuon Gu *see* Gu Benyuon
Benz, G.E. *see* Bazovsky, I., Sr. 54613
Benz, J.A., Henry, R.E., Roberts, D.A. Economic and operational benefits for retrofitting variable-speed drives 90502
Benz, K.W. *see* Croll, A. 48910
Benz, K.W. *see* Laasch, M. 69915
Benz, K.W. *see* Novak, J. 49864
Benz, K.W. *see* Salk, M. 69918
Benz, R.G., II *see* Summers, C.J. 61254
Benz, S.P. *see* Booi, P.A.A. 50398
Benz, S.P. *see* Kautz, R.L. 82377
Benz, S.P. *see* Wiesenfeld, K. 91935
Benzaquen, R. *see* Roth, A.P. 62231
Benzel, H.W., Kallfass, T., Lueder, E. Highly linear capacitive pressure sensors with optimized electrode shapes 97926
Benzi, F. *see* Bassi, E. 100822
Benzoni, A.M. *see* Coucoulas, A. 94127
Beom Park Seong *see* Seong Beom Park
Beom Shin Jea *see* Jea Beom Shin
Beom Yoo Ji *see* Ji Beom Yoo
Beom-Seok Seo *see* Young-Seek Kim 100249
Beom-Seok Seo *see* Young-Seok Kim 80133
Beom-Seok Seo *see* Young-Seok Kim 100328
Beom-Taek Lee *see* Tuncer, E. 83778
Beornje Lee *see* Yunho Choi 70553
Ber, B.Ya. *see* Kozlovskii, V.V. 55632
Bera, M. *see* De, S.S. 71147
Bera, R. *see* Sen, A.K. 59547
Beraboi, A. *see* Hnatiuc, E. 90237
Beraha, D. *see* Velkov, K.S. 99895
Beran, R.G. *see* Pitney, M.R. 59384
Berardinis, L.A. SERCOS lights the way for digital drives 85684

Berardinis, L.A., Gyorki, J.R. Electric drives gearing up for instant automation 54179
Berarducci, M.P. *see* Lawrence, P.J., Jr. 65993
Beratan, H.R. *see* Kulwicki, B.M. 52951
Beratan, H.R. *see* Witter, D.E. 97988
Beraud, R., Emsallem, A., Astier, A., Bouvier, R., Duffait, R., Le Coz, Y., Morier, S., Wojtasiewicz, A., Lazarev, Yu.A., Shirokovsky, I.V., Izosimov, I.N., Barneoud, D., Genevey, J., Gizon, A., Guglielmini, R., Margotton, G., Vieux-Rochaz, J.L. Development of a new SARA/IGISOL technique for the study of short-lived products from heavy-ion-induced fusion-evaporation reactions 67398
Berbaum, K.S. *see* Kennedy, R.S. 98216
Berbaum, K.S. *see* Kennedy, R.S. 99410
Berben, L. *see* Vandermeulen, D. 98796
Berberich, E. Suppression of interference to 70cm ATV by using a highly selective notch filter 52681
Berberovic, S. *see* Haznadar, Z. 78592
Berberovic, S. *see* Haznadar, Z. 92656
Berbey, P. *see* Bacher, P. 89535
Berbezier, I., Chevrier, J., Derrien, J. High-resolution electron microscopy study of α-$FeSi_2$ heteroepitaxy on Si(111) 70061
Berbezier, I. *see* Chevrier, J. 79801
Berbezier, I. *see* Dutartre, D. 93026
Berbezier, I. *see* Natoli, J.Y. 79819
Berceli, T. Microwave communications systems and networks in Hungary 86071
Berceli, T. New methods for subcarrier type optical reception applying new single sideband optical-microwave mixers 97243
Bercelli, T. Recent achievements in microwave optoelectronic circuits 80875
Berchowitz, D.M. Miniature Stirling coolers 79397
Berckmans, D. *see* Huyberechts, G. 87327
Berdaguer, P. *see* Plouchart, J.O. 86225
Berdaguer, P. *see* Plouchart, J.O. 97077
Berdai, M.N., Favier, P., Schoorens, H. Dynamic behaviour modeling of ferromagnets 82257
Berdnikov, V.P., Savchenko, S.M. Synthesis of recursive digital filters by the complex-envelope method 55333
Berechet, I. *see* Madani, K. 61844
Bereishik, V. *see* Ablameyko, S. 84847
Berejka, M. *see* Fujimoto, S.S. 86286
Berenbaum, A.D. *see* Argade, P.V. 70586
Berendsen, C.-S., Rostaing, G., Champenois, G., Obrecht, G., Saadi, J. Detection of sensor faults with observer structures in control loops 87165
Berenguer, C., Theys, C., Ferrari, A., Alengrin, G. Overdetermined noise compensation without eigendecomposition for frequency estimation 84436
Berenguer, M. *see* Dutartre, D. 93026
Berens, F., Conradi, P., Becker, U. Object-oriented data bank organisation for device models of electronic circuits and associated search diagrams 80517
Berens, H. *see* Goldwater, R. 60848
Berenschot, J.W., Gardeniers, J.G.E., Lammerink, T.S.J., Elwenspoek, M. New applications of r.f.-sputtered glass films as protection and bonding layers in silicon micromachining 56066
Berenstein, C.A. *see* Sidiropoulos, N.D. 74256
Berenstein, C.A. *see* Sidiropoulos, N.D. 74328
Berenstein, C.A. *see* Sidiropoulos, N.D. 74347
Berenz, J. *see* Lai, R. 70913
Berenz, J. *see* Wang, H. 92543
Berenz, J.B. *see* Kobayashi, K.W. 80734
Berenz, J.B. *see* Kobayashi, K.W. 80794
Beres, I. *see* Arato, P. 61617
Beresford, R. Growing GaN by plasma-assisted molecular-beam epitaxy 61308
Beresford, R. *see* Ohtani, A. 69953
Beresford, R. *see* Stevens, K.S. 54861
Beresford, R. *see* Stevens, K.S. 70008
Beresnev, L.A. *see* Karetnikov, A.A. 72457
Berestetskiy, A. Call progress detection using special windowing 70754
Berestetskiy, A.A., Sinil'nikov, A.M. Experimental investigations of the properties of a channel in the 100-104 MHz band when transmitting digital radio-broadcasting programs 66019
Berestnev, D.P., Zaitsev, V.V. Numerical analysis of dispersion characteristics of flat dielectric waveguides 57175
Berestnev, D.P., Zaitsev, V.V. A method of calculating the frequency responses of transmission-line inhomogeneities 83729
Bereza, J. *see* Zgraja, J. 100941
Berezhnaya, S.Yu., Berezhnoi, I.V., Vlokh, O.G. Optical tomography of slightly anisotropic inhomogeneous objects 57700
Berezhnoi, A.A., Senichkina, A. Wide-aperture electrooptical modulator of nonmonochromatic light 63482
Berezhnoi, I.V. *see* Berezhnaya, S.Yu. 57700
Berezhnoy, A.A., Volkonsky, V.B., Konopaltseva, L.I. Investigation of neuron-like photorefractive integrated structures based on ferroelectric crystals of lead magnesium niobate 82690
Berezin, A.A. *see* Chang, J.S. 64106
Berezin, A.A. *see* Jayaram, S. 64111
Berezin, A.K., Fainberg, Ya.B., Artamoshkin, A.M., Bez"yazychnyi, I.A., Kurilko, V.I., Lyapkalo, Yu.M., Us, V.S. Beam-plasma generator of stochastic oscillations in the decimeter wavelength band 92466
Berezin, A.K., Fainberg, Ya.B., Lyapkalo, Yu.M., Us, V.S., Artamoshkin, A.M., Bez"yazychnyi, I.A. Beam-plasma generator of stochastic CW microwave oscillations 92892
Berezin, A.K. *see* Berezina, G.P. 97216
Berezin, G.L., Kir'enin, I.A., Pirogova, T.S. Superconducting solenoid of specified energy capacity 72247
Berezin, G.L. *see* Baev, V.P. 93974
Berezin, V.A. *see* Starodub, N.F. 59264
Berezin, V.A. *see* Starodub, N.F. 98128
Berezina, G.P., Fainberg, Ya.B., Berezin, A.K., Nazarenko, O.K. Modulated electron beam utilization for generation and transfer of electromagnetic waves in dense plasmas 97216
Berg, A.J.W.M.ten *see* ten Berg, A.J.W.M.
Berg, A.van den *see* van den Berg, A.
Berg, E.v. *see* v. Berg, E.
Berg, F.D.van den *see* van den Berg, F.D.
Berg, G. *see* Linhjell, D. 63091
Berg, G.V.J.van den *see* van den Berg, G.V.J.
Berg, H.M. *see* Ganesan, G.S. 91039
Berg, H.P., Schott, H., Werner, W. Human factor in reliability analyses of nuclear power plants 89458
Berg, H.van den *see* van den Berg, H.
Berg, J.-E. A macrocell model based on the parabolic diffusion differential equation 64151
Berg, J.L.van den *see* van den Berg, J.L.
Berg, J.S., Warnock, R.L., Ruth, R.D., Forest, E. Full-turn symplectic map from a generator in a Fourier-spline basis 66927
Berg, L.J. *see* Nordstrom, R.J. 56605
Berg, M. *see* Dickmann, J. 61936
Berg, P., Scherg, M. A multiple source approach to the correction of eye artifacts 59382
Berg, P.M.van den *see* van den Berg, P.M.
Berg, R. *see* Svanberg, S. 50784
Berg, R.M., Ruether, J.C., Wray, L., Wilkinson, C.D. Methodology for evaluation maintainability and obsolescence of nuclear plant I&C systems 89438
Berg, R.Van *see* Van Berg, R.
Berg, S. *see* Bardos, L. 70097
Berg, S. *see* Hedlund, C. 93224
Berg, S. *see* Hok, B. 59256
Berg, S.K., Hurst, P.J., Lewis, S.H., Wong, P.T. A switched-capacitor filter in 2 μm CMOS using parallelism to sample at 80 MHz 92368
Berg, T.J. Technique provides transmission-efficient modulation 73591
Berg, W., Ko, K. Status of the fluorescent screens and image processing for the APS linac 98454
Berg, W. *see* White, M. 67007
Berg, Y. *see* Soelberg, K. 49610
Berg-Lenssen, M.M.C.van den *see* van den Berg-Lenssen, M.M.C.
Bergamaschi, C., Patrick, W., Baechtold, W. Determination of the noise source parameters in AlInAs/GaInAs HEMT heterostructures based on measured noise temperature dependence on the electric field 56017
Bergamaschi, C. *see* Klepser, B.-U.H. 56020
Bergamaschi, S., Bonifazi, C. TSS Core Equipment II. Dynamic package and rationale for system dynamics analysis 88636
Bergamin, A. *see* Basile, G. 86968
Bergamin, A. *see* Basile, G. 86982
Berge, D.J.van den *see* van den Berge, D.J.
Berge, N. *see* Juanole, G. 65099
Berge, P. Lightning is striking in the memory market: flash memories supersede nonvolatile and mass memories 70475
Bergeault, E. *see* Abou chahine, S. 87472
Bergeault, E. *see* Deshours, F. 87469
Bergeault, E. *see* Deshours, F. 98290
Bergeest, R. *see* Klonz, M. 86898
Bergem, O. Estimation of the measurement covariance matrix in a Kalman filter 57573
Bergemont, A., Haggag, H., Anderson, L., Shacham, E., Wolstenholme, G. NOR virtual ground (NVG)—a new scaling concept for very high density flash EEPROM and its implementation in a 0.5 um process 92185
Bergemont, A. *see* Shacham, E. 61684
Bergen, J.R. *see* Muller, J.R. 84708
Bergendahl, A.S. *see* Levine, A.L. 71517
Bergenheim, M. *see* Djupsjobacka, M. 98901
Berger, A.W., Whitt, W. The pros and cons of a job buffer in a token-bank rate-control throttle 51806
Berger, C., Mayer, K.H., Scarlin, R.B. Turbine designs with new steels for high steam parameters. I. Results of materials development 68442
Berger, C. *see* Abplanalp, M. 53309
Berger, D. *see* Ray, S. 91033
Berger, D.A. The time has arrived for VSATs in Europe 97201
Berger, F. *see* Chambaudet, A. 88201
Berger, F. *see* Kampert, K.-H. 98503
Berger, G. *see* Baldeweck, T. 98789
Berger, G. *see* Hempel, H. 68196
Berger, G. *see* Laugier, P. 98779
Berger, H. *see* Almeida, J. 87994
Berger, H. *see* Szczervajow, A. 48900
Berger, H.L., Sharma, M. Benefits of ultrasonic fluxing. A case study 92727
Berger, J. *see* Flotzinger, D. 98892
Berger, K.W. *see* Tichenor, D.A. 81591
Berger, M., Knoll, L. Phase properties of an arbitrarily detuned three-level/two-photon micromaser 63619
Berger, M., Schwartsglass, O., Shappir, J. The effect of high temperature anneal on electrical stress-generated defects in metal oxide semiconductor structures 71243
Berger, M.-O. *see* Chabbi, H. 96054
Berger, M.G., Dieker, C., Thonissen, M., Vescan, L., Luth, H., Munder, H., Theiss, W., Wernke, M., Grosse, P. Porosity superlattices: a new class of Si heterostructures 62255
Berger, P.D. *see* Roth, A.P. 62231
Berger, P.R. *see* Nichols, D.T. 75495
Berger, S., Gross, Y., Wertheizer, G., Sharon, O. Low cost DSP for multimedia applications 70672
Berger, T. *see* Zheng Chen 52147
Berger, T. *see* Zheng Chen 74993
Berger, T. *see* Zheng Chen 74994
Berger, T.P. The automorphism group of double-error-correcting BCH codes 73709
Berger, V. Three-level laser based on intersubband transitions in asymmetric quantum wells: a theoretical study 72913
Berger, Y., Be'ery, Y. Soft trellis-based decoder for linear block codes 73722
Berger-Toussan, J. *see* Mathias, H. 91726
Bergeron, A., Arsenault, H.H., Gauvin, J., Gingras, D. Computer-generated holograms improved by global iterative coding 51644
Bergeron, C., Mark, J.W. Computational methods for the local control of loss-sensitive sources in integrated services networks 75067
Bergeron, G. *see* Vaughan, R. 62113
Bergevin, F.de *see* de Bergevin, F.
Bergevin, R. *see* Gagnon, H. 74591
Bergevin, R. *see* Verreault, S. 95831
Bergfried, D., Nitschke, W., Rutz, M. Airbag control modules—performance and reliability 78983
Berggren, K.K., Prentiss, M., Timp, G.L., Behringer, R.E. Calculation of atomic positions in nanometer-scale direct-write optical lithography with an optical standing wave 71454
Berggren, M., Gustafsson, G., Inganas, O., Andersson, M.R., Wennerstrom, O., Hjertberg, T. Thermal control of near infrared and visible electroluminescence in alkyl-phenyl substituted polythiophenes 82842
Berggren, M., Gustafsson, G., Inganas, O., Andersson, M.R., Wennerstrom, O., Hjertberg, T. Green electroluminescence in poly-(3-cyclohexylthiophene) light-emitting diodes 94296
Berggren, M. *see* von Apeldoorn, G. 88116
Berggren, M. *see* Wiskin, J.W. 99276
Bergh, S.van den *see* van den Bergh, S.
Berghe, G.Vanden *see* Vanden Berghe, G.
Berghmans, J. *see* Christiaens, F. 91078
Bergholt, L. *see* Avdeichikov, V.V. 98537
Bergholz, W. *see* Dellith, M. 80335
Bergkvist, M. *see* Perers, B. 90461
Bergland, G.D., Ferenc, J.J., Morano, D.A., Pitio, W.M., Shugard, D.D., Smith, T.L. A technology platform for providing broadband communications services 52615
Bergles, A.E., Bar-Cohen, A. Immersion cooling of digital computers 79422
Berglind, E., Gillner, L. Optical quantum noise treated with classical electrical network theory 63797
Berglind, E. *see* Schatz, R. 94508
Bergljung, C., Berntsen, S. Diffraction of an E-polarized plane wave by two adjacent dielectric quarter-spaces 51095
Berglund, C.N. *see* Ingino, J. 71440
Berglund, R.C., Williams, W.A., Hucik, S.A. GE advanced LWR designs ready to meet growing Pacific Basin energy needs 89532
Berglund, S., Fogelstrom, B., Beronius, B., Storm, R. SiNOVA and DUS lighting systems—no.1 in Swedish lighting tests 54239
Berglund, S. *see* Alippi, C. 53346
Berglund, S. *see* Alippi, C. 67381
Berglund, S. *see* Dell'Acqua, A. 87955
Berglund, S. *see* Dell'Acqua, A. 98680
Bergman, A. A measuring system for in-situ calibration of high voltage transformers 90076
Bergman, L.A. *see* Liu, D.T.H. 66408
Bergman, M. *see* Mercier, P. 89387
Bergman, M.K. *see* Serfass, J.A. 60449
Bergman, T. *see* Preston, E. 87299
Bergman, T. *see* Preston, E. 87302
Bergmann, D., Schetter, B. Technical peculiarities of the turboset at Buggenum Coal-and Gas-fired Power Station 78472
Bergmann, D. *see* Wescehnfelder, K.D. 89451
Bergmann, G. *see* Rohlmann, A. 59415
Bergmann, H.M.von *see* von Bergmann, H.M.
Bergmann, J.R., Da Costa, L.P.N. Shaped beam reflector antennas for the C-Band BRASILSAT case 86275
Bergmann, K. *see* Kowalski, F.V. 56825
Bergmann, K. *see* Martin, J. 94513
Bergmann, M.J. *see* Bonilla, L.L. 62156
Bergmann, U. *see* Nawrocky, R.J. 76446

Bergmans, J.W.M., Willems, F.M.J., Kerpen, G.S.M. On the performance of data receivers with a restricted detection delay 64553
Bergner, W. *see* Schwerin, A. 62820
Bergogne, D., Jaafari, A., Bahaki, H. Paralleling a fast and a slow IGBT 80096
Bergonzo, P., Boyd, I.W. Rapid photo-deposition of silicon dioxide films using 172 nm VUV light 49001
Bergonzo, P., Boyd, I.W. Rapid photochemical deposition of silicon dioxide films using an excimer lamp 79959
Bergonzo, P., Boyd, I.W. Photodeposition of oxynitride and nitride films using excimer lamps 91588
Bergonzo, P., Kogelschatz, U., Boyd, I.W. Photo-CVD of dielectric materials by pseudo-continuous excimer sources 61345
Bergqvist, A. *see* Lundgren, A. 50388
Bergqvist, J., Gobet, J. Capacitive microphone with a surface micromachined backplate using electroplating technology 66300
Bergqvist, M. *see* Larsson, S.A. 59361
Bergsten, L. *see* De Vreede, J.P.M. 86889
Bergstrom, I. *see* Carlberg, C. 88261
Bergum, J. *see* Cong, B. 58182
Bergveld, P. The merit of using silicon for the development of hearing aid microphones and intraocular pressure sensors 59417
Bergveld, P. The design of microphones in silicon technology 67930
Bergveld, P. *see* den Besten, C. 59260
Bergveld, P. *see* Luo, J. 66261
Bergveld, P. *see* Olthuis, W. 58669
Bergveld, P. *see* Scheeper, P.R. 52738
Bergveld, P. *see* Scheeper, P.R. 61389
Bergveld, P. *see* Scheeper, P.R. 87071
Bergveld, P. *see* van der Donk, A.G.H. 52805
Bergveld, P. *see* van Kerkhof, J.C. 58861
Bergveld, P. *see* Volanschi, A. 66230
Bergzen, H. System architecture of an HF multi-station node controller 96992
Berhami, P. *see* Romat, H. 57047
Berindean, V., Radulescu, L. Contributions to the establishment of the criteria of thermodynamic evaluation for the intercoolers of the IC engines 69164
Berinder Brar *see* Samoska, L.A. 66329
Beringer, D.B., Allen, R.C., Kozak, K.A., Young, G.E. Responses of pilots and nonpilots to color-coded altitude information in a cockpit display of traffic information 99072
Berini, P., Desgagne, M., Ghannouchi, F.M., Bosisio, R.G. An experimental study of the effects of harmonic loading on microwave MESFET oscillators and amplifiers 70872
Berini, P., Ke Wu A new frequency domain symmetrical condensed TLM node 64206
Berini, P., Ke Wu A pair of hybrid symmetrical condensed TLM nodes 83728
Berisha, S.H. *see* Karady, G.G. 78873
Berishev, I.E., Boroditskii, M.L., Gorbachev, A.Yu., Il'in, Yu.V., Il'inskaya, N.D., Livshits, D.A., Stankevich, A.L., Rafailov, E.U., Tarasov, I.S. Single-mode InGaAsP separate-confinement double heterostructure lasers with a thin waveguide (λ=0.8 and 1.3 μm) 72793
Berisso, M.C. *see* Christian, D.C. 59094
Berizzi, A., Massucco, S., Silvestri, A., Zaninelli, D. Short-circuit current calculation: a comparison between methods of IEC and ANSI standards using dynamic simulation as reference 77882
Berizzi, A., Silvestri, A., Zaninelli, D., Massucco, S. Short-circuit current calculation: a comparison between methods of IEC and ANSI standards using dynamic simulation as reference 67977
Berjoan, R. *see* Aspar, B. 81287
Berk, W.P. *see* Tu, D.-W. 80779
Berkel, C.A.M.Van *see* Van Berkel, C.A.M.
Berkel, K.Van *see* Van Berkel, K.
Berkelaar, M.R.C.M., Buurman, P.H.W., Jess, J.A.G. Computing the entire active area/power consumption versus delay trade-off curve for gate sizing with a piecewise linear simulator 91834
Berkelman, K. Heavy flavor physics 76292
Berkey, F.T. *see* Chen, L. 64642
Berkey, F.T. *see* Liu, J.Y. 94807
Berkhoff, A.P., Huisman, H.J., Thijssen, J.M., Jacobs, E.M.G.P., Homan, R.J.F. Fast scan conversion algorithms for displaying ultrasound sector images 76977
Berkhoff, A.P. *see* de Vries, R. 75776
Berko-Boateng, V. Recycling of engineering thermoplastics in business equipment—challenges and opportunities 79363
Berko-Boateng, V., Azar, J., de Jong, E., Yander, G.A. Asset cycle management—a total approach to product design for the environment 54453
Berko-Boateng, V., Yander, G., Hilbert, H. Design for the environment—an enabler for total asset management 54475
Berkoff, T.A. *see* Sirkis, J. 52932
Berkoff, T.A. *see* Sirkis, J. 98059
Berkoff, T.A. *see* Sirkis, J.S. 99042
Berkoff, T.A. *see* Weis, R.S. 98060
Berkov, D. *see* Malina, V. 71213
Berkovic, G. *see* Cohen, R. 73058
Berkovich, E.I. On analogies between solutions for energy-flow problems and calculations of resistive networks 91855
Berkovits, V.L., Lantratov, V.M., L'vova, T.V., Shakiashvili, G.A., Ulin, V.P., Paget, D. Liquid-phase epitaxy on $Al_xGa_{1-x}As$ surfaces passivated in sulfide solutions 55740
Berkow, P. Rock 'n' ROM [pop music on multimedia] 52741
Berkowitz, A.E., Mitchell, J.R., Beach, R.S., Rao, D., Parker, F.T., Spada, F.E. Giant magnetoresistance in heterogeneous alloy films 72193
Berkowitz, S.J., Skocpol, W.J., Mankiewich, P.M., Ono, R.H., Missert, N., Rosenthal, P.A., Vale, L.R. Thermal noise in high-temperature superconducting-normal-superconducting step-edge Josephson junctions 82352
Berland, V., Touboul, A., Crevel, P. Comparison of low frequency noise evolution with oxide trapped charge in irradiated n-MOS transistors 71650
Berliat, G. *see* Reyne, C. 90056
Berlien, J. *see* Aswell, C.J. 94269
Berlin, B., Kostin, A. Automation and centralization of maintenance processes in St. Petersburg metropolitan transmission network 85578
Berlin, B.Z., Sokolov, N.A. Development of the urban and rural transmission networks in Russia 85451
Berlin, V.V., Murav'ev, O.A. Putting into operation the first small hydroelectric station with pumps and motors as turbines and generators in the Commonwealth of Independent States 78482
Berliner, H.J. *see* Shufelt, J.A. 69694
Berliner, L.J. *see* Koscielniak, J. 70322
Berliner, R.R. *see* Al-Haddad, M.N. 88252
Berlouis, L.E.A. *see* Fisher, J.M. 61329
Berman, A.L. *see* Reinhardt, V.S. 87416
Berman, D., van der Zant, H.S.J., Orlando, T.P., Delin, K.A. Discrete superconducting vortex flow transistors 82387
Berman, J.I., Moore, H.H., IV, Wright, J.R. Classic and PROSE stories: enabling technologies for knowledge-based systems 51902
Berman, L. *see* Feng-Berman, S.K. 87756
Berman, L.E. High-heat-load crystal optics experiments at the NSLS X25 X-ray wiggler beam line 88305
Berman, L.S. *see* Al'vares, Kh.K. 49829
Berman, L.S. *see* Al'vares, Kh.K. 93066
Berman, L.S. *see* Arinushkin, V.N. 49958
Berman, M. Automated smoothing of image and other regularly spaced data 64585
Berman, M. On the reduction of magnetic pull in induction motors with off-centre rotor 68601
Berman, P., Bharali, A.A. Quick Atomic Broadcast 74739
Berman, P. *see* Bharali, A.A. 96262
Berman, P.E., Gravano, L., Pifarre, G.D., Sanz, J.L.C. Adaptive deadlock- and livelock-free routing with all minimal paths in torus networks 64968
Berman, Z. On range and attitude estimation 67939
Berman, Z., Baras, J.S. An adaptive quasi linear representation—a generalization of multiscale edge representation 73988
Berman, Z., Baras, J.S. More about wavelet maxima representations 84541
Bermann, F. *see* Julius, H.W. 88603
Bermejo, D. *see* Vega, F. 62370
Bermudez, J.P. *see* Perez, S.M. 75121
Bern, J., Gergov, J., Meinel, C., Slobodova, A. Boolean manipulation with free BDD's. First experimental results 49100
Bern, M. *see* Aronov, B. 69736
Bernabei, R. *see* Bacci, C. 67317
Bernabei, R. *see* Belli, P. 67346
Bernabei, S. *see* Von Goeler, S. 59246
Bernabeu, E. *see* Carreno, F. 87539
Bernabeu, E. *see* Guerrero, H. 54237
Bernabeu, E. *see* Navarrete, M.C. 58812
Bernabeu, E. *see* Navarrete, M.C. 76015
Bernabeu, E. *see* Quiroga, J.A. 95977
Bernabeu, E. *see* Varela, A.J. 50976
Bernadas, S.R. *see* Thompson, C.D. 97873
Bernage, P. *see* Boj, S. 63741
Bernage, P. *see* Cordier, P. 82599
Bernage, P. *see* Douay, M. 63391
Bernage, P. *see* Douay, M. 63727
Bernage, P. *see* Poignant, H. 72788
Bernage, P. *see* Taunay, T. 82583
Bernal, M.P. *see* Martin, J.C. 83199
Bernaldo de Quiros, J.G., Elgoibar, J.M.M., Sanchez, A.M. Harmonic compensation in phase controlled inverters 100383
Bernard, D. *see* Specka, A. 76597
Bernard, E. *see* Assis-Arantes, P. 97186
Bernard, G., Gilbert, B.M., Bernard, J., Frederic, M. Back-up systems of the Tore Supra superconducting toroidal magnet refrigeration 93982
Bernard, J. *see* Bernard, G. 93982
Bernard, J.-P., Durocher, D. An expert system for fault diagnosis integrated in existing SCADA systems 53639
Bernard, J.-P., Durocher, D. An expert system for fault diagnosis integrated in existing SCADA system 59790
Bernard, J.A. *see* Kim, K.K. 60058
Bernard, J.E., McCullough, E., Alcock, A.J. High gain, diode-pumped Nd:YVO_4 slab amplifier 63687
Bernard, J.E. *see* Lokhnygin, V.D. 56691
Bernard, J.M. *see* Chodzko, R.A. 82921
Bernard, K.E. New global network arrangements. Regulatory and trade considerations 65121
Bernard, M. *see* Smith, J.R. 67024
Bernard, M. *see* Travier, C. 59048
Bernard, P. *see* Cavallari, G. 67070
Bernard, P. *see* Morin, M. 94566
Bernard, T.J. *see* Sellers, D.L. 75267
Bernardi, A., Rico, N., Cherkaoui, O., Banfield, J. Specification and analysis of a security management system 52003
Bernardi, C.De *see* De Bernardi, C.
Bernardi, J., Fidler, J., Seeger, M., Kronmuller, H. Preparation and TEM-study of sintered $Nd_{18}Fe_{74}B_6Ga_1Nb_1$ magnets 50184
Bernardi, M., Garetti, E., Ravera, M. Proposal of a network model and its applications to the interoperability of heterogeneous transport platforms 65375
Bernardi, P., Cicchetti, R. Dyadic Green's functions for conductor-backed layered structures excited by arbitrary tridimensional sources 73446
Bernardin, J.P., Gomes, A.S.L., Lawandy, N.M. Anisotropic nonlinear beam propagation in ruby 63926
Bernardini, A., Bernesi, M., Pattuelli, R., Snidero, P. Performance analysis in a packet broadcasting radio network operating on an HF channel 96997
Bernardini, M., Daclon, F., Giacuzzo, F., Kersevan, R., Miertusova, J., Pradal, F. Electtra vacuum system 87647
Bernardini, M. *see* Abrami, A. 98715
Bernardini, R., Cortelazzo, G., Mian, G.A. A constant-geometry multidimensional FFT 57764
Bernardini, R., Cortelazzo, G.M., Mian, G.A. A general scrambling rule for multidimensional FFT algorithms 74081
Bernardini, R., Cortelazzo, G.M., Mian, G.A. A new technique for twiddle-factor elimination in multidimensional FFT's 74202
Bernardini, R., Cortelazzo, G.M., Mian, G.A. A sequential multidimensional Cooley-Tukey algorithm 84844
Bernardini, R., Cortelazzo, G.M., Mian, G.A. A general scrambling rule for multidimensional Cooley-Tukey FFT algorithms 84983
Bernardini, R., Manduchi, R. On the reduction of multidimensional DFT to separable DFT by Smith normal form theorem 64876
Bernardis, M.De *see* De Bernardis, M.
Bernardis, P.De *see* De Bernardis, P.
Bernas, H. *see* Chelnokov, A.V. 94157
Bernatek, E. Perceptual audio coding for digital sound broadcasting 86671
Bernauer, J. *see* Imo, F. 77803
Bernauer, W. *see* Hirsekorn, S. 77756
Berndt, B.C., Liang-Cheng Zhang A new class of theta-function identities originating in Ramanujan's notebooks 79585
Berndt, D. Stationary lead-acid batteries—battery design solutions 60413
Berndt, H., Graubmann, A.G., Wakano, M. Service specification concepts in TINA-C 96450
Berndt, J. *see* Harrison, L. 88764
Berndt, J. *see* Henneberger, G. 90041
Berndt, M., Lipari, J.J. A variable current bypass shunt for electromagnets 55911
Berndt, M. *see* MacNair, D. 100349
Berndt, M.M., MacNair, D. DC magnet power supplies for the FFTB at SLAC 100313
Berne, R.W. Managing diversity: a comment 60827
Bernecker, C.A., Brainard, G.C., Fernsler, F.J., Rollog, M.D., Long, R.R., Tierney, S., Gaddy, J.R. Biological effects of architectural lighting and their associated energy utilization 90638
Bernede, J.C., Pouzet, J., Le Ny, R., Nasrallah, T.B. Grain boundary conductivity in different polycrystalline $MoSe_2$ thin films 49790
Bernede, J.C. *see* Pouzet, J. 81256
Berner, W. *see* Goring, R. 50541
Berners-Lee, T., Cailliau, R., Luotonen, A., Frystyk Nielsen, H., Secret, A. The World-Wide Web 85638
Bernesi, M. *see* Bernardini, A. 96997
Bernet, S., Altner, S., Maniloff, E., Renn, A., Wild, U.P. Holography in frequency selective materials: swept holograms 56975
Bernet, S. *see* Maniloff, E.S. 56318
Bernhard, J. *see* Cambrils, J. 92809
Bernhard, R.J. *see* Kompella, M.S. 98378
Bernhard, U.P. *see* Welti, A.L. 65591
Bernhard Kley, E. *see* Goring, R. 50541
Bernhardt, P.A. Communications using chaotic frequency modulation 65155
Bernhardt, P.A., Romero, H.A., Rodriguez, P., Siefring, C.L., Solin, D.A., Djuth, F.T., Duncan, L.M., Hunton, D.E., Pollack, C.J. The ionospheric focused heating experiment during the CRRES rocket campaign at Arecibo 83690

Bernhardt, P.A., Wagner, L.S., Goldstein, J.A., Trakhtengerts, V.Yu., Ermakova, E.N., Raport, V.O., Komrakov, G.P., Babichenko, A.M. Enhancement of stimulated electromagnetic emission during two frequency ionospheric heating experiments 51114
Bernhardt, S., Fechner, R., Roming, G. Practical implementation and new components for OPAL 86516
Bernhardt, U., Unger, H. Noise calculation for switched-capacitor filters 92364
Bernhardt, V. Application of geo-information systems in power supply undertakings 99611
Bernier, J. Broadband Exchange over Trans-European Links (BETEL) 74980
Bernier, M.-H., Izquierdo, R., Meunier, M. Laser processing of palladium for selective electroless copper plating 61324
Bernier, M.-H. *see* Evoy, S. 62510
Bernier, P. SONET interoperability: Cutting through the snags 96634
Bernier, P. Little portables pack a bigger punch [telecommunication network testing] 97848
Bernier, P. *see* Trouillas, P. 93118
Bernieri, A., Betta, G., D'Apuzzo, M., Sansone, L. Error analysis in a recursive identification algorithm 58652
Bernieri, A., Betta, G., Pietrosanto, A., Sansone, C. A neural network approach to instrument fault detection and isolation 97781
Berning, G.L.P., Swart, H.C. A study of the oxide grown on Tb and terbium silicide by XPS, AES and XRD 71368
Berning, G.L.P. *see* Swart, H.C. 49823
Berning, S. *see* Griffiths, B. 59499
Berning, S. *see* Kelley, R.T. 67963
Bernini, U., Campajola, L., Conti, M., Del Guerra, A., Di Fiore, L., Grado, A., Roca, V., Russo, P. Fiber-optic proton beam intensity monitor 52878
Bernklau, D. *see* Bacumler, M. 81243
Bernot, F. *see* Crelerot, O. 90595
Berns, M.W. *see* Escandon, G.J. 56780
Bernshtein, A.S., Tomfel'd, Yu.L., Shagaev, I.V. High-reliability RAM. II 49409
Bernshtein, L.B. *see* Karnovich, V.N. 89737
Bernstein, A. *see* Mandeville, J.B. 76855
Bernstein, B. *see* Krahenbuhl, F. 82163
Bernstein, B.S. Cable testing: can we do better? 79265
Bernstein, B.S. *see* Johnston, S.A. 54993
Bernstein, B.S. *see* Walton, M.D. 78096
Bernstein, C.H. *see* Schulz, R.R. 49568
Bernstein, G.H., Minniti, R.J., Xiaokang Huang An advanced IC processing laboratory at the University of Notre Dame 90830
Bernstein, G.M., Nguyen, D.H. Blocking reduction in fast reservation protocols 65056
Bernstein, H. pH meters using single-electrode assemblies 66594
Bernstein, H. PC front end system acquires measurement data: no additional cards to install, hence manifold possibilities of application 87037
Bernstein, H. *see* Chao, C.C. 75685
Bernstein, H. *see* Menn, M.D. 65989
Bernstein, J., Cho, S., King, A.T., Kourepenis, A., Maciel, P., Weinberg, M. A micromachined comb-drive tuning fork rate gyroscope 58741
Bernstein, K. *see* Bertsch, J. 70593
Bernstein, P., Hamet, J.F., Blanc-Guilhon, B., Flament, S., Dubuc, C., Bok, J., Zhang, X.Q., Contour, J.P., Ladan, F.R. A mean field description of the transition to the mixed state of superconducting microbridges with low vortex pinning forces 82380
Bernstein, P. *see* Flament, S. 50422
Bernstein, R.F., Jr. *see* Loomis, H.H., Jr. 92291
Bernstein, R.J. Copyrights in the new age of interactive multimedia 51935
Bernstein, R.W., Heide, C.F. Optimisation of signal phase split in vector modulator phase shifters 61831
Bernstein, R.W. *see* Husby, H. 48926
Bernstorf, A. *see* Sundhar, S. 99740
Berntsen, A.J.M. *see* Stolk, P.A. 62200
Berntsen, S., Hornsleth, S.N. Retarded time absorbing boundary conditions 73314
Berntsen, S. *see* Bergljung, C. 51095
Bernussi, A.A., Martins, R.B., Machado, A.M. Electro-optic characteristics of GaInP/GaAs/GaInAs strained quantum well lasers 50798
Berodias, G. *see* Zhu, P. 87533
Beron, T. *see* Stoica, P. 57529
Beronius, B. *see* Berglund, S. 54239
Beroual, A. Relationship between current, charge and propagation velocity of streamers in dielectric liquids 63055
Beroual, A. Initiation of streamers in dielectric liquids with point-plane electrodes under step voltages 63059
Beroual, A. Prebreakdown phenomena in transformer oil under step voltages 68694
Beroual, A. *see* Briggs, A.C.T. 63060
Beroual, A. *see* Brosseau, C. 63089
Beroual, A. *see* Peyraque, L. 90059
Beroud, Y. Fabrication of complex mechanical components 60945
Berozi, D. *see* Damrauer, L.M. 59431
Berquist, A. *see* Olnes, J. 96513
Berqvist, P. *see* Swerup, J. 86148
Berr, S. *see* Debiao Li 67530
Berra, P.B. *see* Nwosu, K.C. 75049
Berrached, N.-E., Ogawa, H. Extended pseudo-biorthogonal bases of type O and type L 48784
Berre, M.Le *see* Le Berre, M.
Berri, J. High speed heaven: earning your wings with a minimum of fuss [printed circuit board design] 80981
Berriane, R. *see* Sanchez, J.-L. 56553
Berridge, S. *see* Chang, Y.H. 98645
Berridge, S.C. *see* Todd, R.A. 88236
Berridge, S.C. *see* Todd, R.A. 98675
Berrie, P.G. Ultrasonic measurement of filling level, using fuzzy logic 66775
Berrig, O. *see* Barnett, I. 76827
Berringer, K. *see* Baum, J. 78987
Berringer, K. *see* Baum, J. 90594
Berrington, G.P.T. Developing Chartered Engineers—a development managers views 69441
Berroir, J.M. *see* Warren, P. 93099
Berroir, J.P. *see* Levy-Vehel, J. 51559
Berrojo, M.A. *see* Aguilera, S. 98987
Berroth, M. *see* Zhi-Gong Wang 86316
Berroth, M. *see* Zhi-Gong Wang 92341
Berrou, C., Douillard, C. Pseudo-syndrome methods for supervising Viterbi decoders at any coding rate 64309
Berrou, C. *see* Battail, G. 73683
Berrouard, J. *see* Gagnon, F. 86073
Berruto, E., Eynard, C., Fiorina, E., Napolitano, A. Issues in protocol evolution for personal telecommunications 74728
Berry, A., Gabriel, A., Kocsis, M., Riekel, C. A fast readout system for 2D gas filled detectors based on the delay-line method 88084
Berry, A. *see* Helsby, W.I. 88008
Berry, A.K. *see* Rao, M.V. 91421
Berry, F.C., Govindarajan, S.N. Classification of load sites by their harmonic content 53588
Berry, G. *see* Yang, L.C. 100511
Berry, G.M., Burke, S.V., Heaton, J.M. Analysis of multilayered semiconductor leaky rib waveguides 50527
Berry, G.M. *see* Smartt, C.J. 72354
Berry, I.L. *see* Hans, L. 81722
Berry, I.L. *see* Loschner, H. 62601
Berry, J. *see* Graham, T. 86796
Berry, J.E. *see* Morton, E.J. 88066
Berry, J.E. *see* Morton, E.J. 98676
Berry, K.J., Mielke, P.W., Jr., Helmericks, S.G. An algorithm to generate discrete probability distributions: binomial hypergeometric, negative binomial, inverse hypergeometric, and Poisson 69667
Berry, L.A. Plasma processing for integrated circuits 71260
Berry, M.M.J., Taggart, J.H. Managing technology and innovation: a review 90845
Berry, M.W., Parlett, B.N., Sameh, A.H. Computing extremal singular triplets of sparse matrices on a shared-memory multiprocessor 79697
Berry, N. *see* Laursen, K. 58947
Berry, P.E., Falzon, L., Scholz, M.L. On the time structure of cell loss in ATM networks 85277
Berry, R.L. *see* Pruitt, G.R. 67716
Berry, T. *see* Chan, K.W. 59826
Berry, W. *see* Kadar, I. 75522
Berryman, D.G. *see* Ozard, J.M. 97448
Bershad, N. *see* Mboup, M. 95376
Bersiner, L. *see* Lausen, H. 86024
Bertacco, R., Duo, L., Vavassori, P., Braicovich, L. A high-efficiency photon detector for parallel acquisition of UV inverse photoemission spectroscopy 75982
Bertagna, V. *see* Allongue, P. 71346
Bertagnolli, E., Klose, H., Mahnkopf, R., Felder, A., Kerber, M., Stolz, M., Schutte, G., Rein, H.-M., Kopl, R. An SOI-based high performance self-aligned bipolar technology featuring 20 ps gate-delay and a 8.6 fJ power-delay product 71612
Bertagnolli, E. *see* Kerber, M. 63037
Bertel, L., Brousseau, C., Ferreol, A., Rogier, J.L., Demeure, C. Electronic density profile updating from arrival angle measurements on the HF links 83675
Bertel, L. *see* Boury, Z. 94993
Bertel, L. *see* Edjeou, A. 94825
Bertel, L. *see* Lagoun, B. 95026
Bertels, Th.A.J.M. *see* de Jong, G.W. 58692
Bertenburg, R. *see* Abdo-Tuko, M. 70931
Bertenburg, R. *see* Schroeder, W. 80843
Bertenburg, R.M. *see* Mertin, W. 80804
Bertenstam, L. *see* Blad, B. 67572
Bertenyl, E. Overview of new technology for Telesat Canada's future satellites 58359
Bertero, G.A., Sinclair, R. (Pt/Co/Pt)/X multilayer films with high Kerr rotations and large perpendicular magnetic anisotropies 63130
Bertero, G.A., Sinclair, R. Structure-property correlations in Pt/Co multilayers for magneto-optic recording 63240
Berthelon, C., Mestre, D. Visual cues for the detection of impending collision at crossroads: the case of curvilinear self-motion 98745
Berthelon, L. *see* Bayart, D. 86399
Berthelon, L. *see* Clesca, B. 52588
Berthelon, L. *see* Clesca, B. 58400
Berthelot, Y.H. *see* Costley, R.D., Jr. 70206
Berthelsen, G. Communication cables in the offshore environment 52300
Berthias, J. *see* Nouel, P. 75673
Berthiau, G., Siarry, P. A parameters extraction method for GaAs FET model based on an enhanced simulated annealing algorithm 56016
Berthiau, G., Siarry, P. An enhanced simulated annealing algorithm for extracting electronic component model parameters 81956
Berthier, P., Legros, E., Giraudet, L., Scavennec, A., Dumas, J.M., Rigaud, D., Valenza, M. High performance InGaAsP channel HFETs on InP for OEIC applications 56018
Berthier, Y. *see* Chicault, R. 63324
Berthod, M., Shekarforoush, H., Werman, M., Zerubia, J. Reconstruction of high resolution 3D visual information 74600
Berthod, M. *see* Kato, Z. 84972
Berthod, M. *see* Urago, S. 95854
Berthold, G. *see* Bigliardi, S. 56005
Berthold, J.W. *see* Reed, S.E. 76019
Berthold, J.W., III *see* Moore, E.L. 76018
Berthome, J.-P. *see* Legrand, J. 88843
Berthou, H. *see* Ghisler, Ch. 63736
Berthou, I. *see* Chawki, M.J. 52509
Berthou, L. *see* Tholey, V. 75503
Berthoud, G., Valette, M. Development of a multidimensional model for the premixing phase of a fuel-coolant interaction 89522
Bertilsson, K., Andrekson, P.A. Modeling of noise in erbium-doped fiber amplifiers in the saturated regime 75471
Bertin, C.L., Perlman, D.J., Shanken, S.N. Evaluation of a 3D memory cube system 92246
Bertin, G. *see* Accatino, L. 70834
Bertin, P., Touati, H. PAM programming environments: practice and experience 70414
Bertin, R. *see* Beaumont, S.P. 88037
Bertin, R. *see* Ponnapalli, S. 91035
Bertinetto, F., Cordiale, P., Fontana, S., Bisi, M., Greco, M.A. Improved optical frequency standards at 612 nm 86884
Bertini, G. *see* Coppini, G. 57788
Bertini, I. *see* Annunziato, M. 57804
Bertini, I. *see* Annunziato, M. 88425
Bertini, R. *see* Martin, A. 67356
Bertness, K.A., Friedman, D.J., Kibbler, A.E., Kramer, C., Kurtz, S.R., Olson, J.M. High efficiency GaInP/GaAs tandem solar cells 90412
Bertness, K.A., Kurtz, S.R., Friedman, D.J., Kibbler, A.E., Kramer, C., Olson, J.M. 29.5%-efficient GaInP/GaAs tandem solar cells 78829
Bertness, K.A. *see* Arent, D.J. 91512
Bertness, K.A. *see* Friedman, D.J. 90444
Bertness, K.A. *see* Kurtz, S.R. 61273
Bertocco, M., Offelli, C., Petri, D. Analysis of damped sinusoidal signals via a frequency-domain interpolation algorithm 74012
Bertodo, R.G. *see* Schill, R.L. 60865
Bertoldi, O. *see* Delfino, B. 68158
Bertolet, D.C., Herng Liu, Rogers, J.W., Jr. Initial stages of AlN thin-film growth on alumina using trimethylamine alane and ammonia precursors 61364
Bertolin, A.Areitio *see* Areitio Bertolin, A.
Bertolin, G.Areitro *see* Areitro Bertolin, G.
Bertolin, J.A., Bertolin, M.A. The protection, distribution and subdivision of numerical codes for controlling access 64291
Bertolin, J.Areitio *see* Areitio Bertolin, J.
Bertolin, M.A. *see* Bertolin, J.A. 64291
Bertolini, E. *see* Dolgetta, N. 83540
Bertolini, E. *see* Last, J.R. 83541
Bertolini, L. *see* Gleim, G. 86793
Bertolini, S. *see* Ayliffe, P. 72646
Bertolo, F., Folving, S., Megier, J., Peracchini, M.L., Toccolini, A. Application of remotely sensed data and GIS for environmental management in an alpine valley—a case study from Val Malenco, Italy 67923
Bertolo, M. *see* Abrami, A. 98715
Bertolotti, M., Masciulli, P., Sibilia, C. Mol numerical analysis of nonlinear planar waveguide 63450
Bertolotti, M. *see* Assanto, G. 83265
Bertolotti, M. *see* Garzia, F. 56382
Bertolotti, M. *see* Horak, R. 82660
Bertolotti, M. *see* Michelotti, F. 56390
Bertolucci, E. *see* Alfano, B. 59375
Bertolucci, E. *see* Bandettini, A. 59109
Bertolucci, E. *see* Bandettini, A. 76979
Bertolucci, E. *see* Bencivelli, W. 67526
Bertolucci, E. *see* Bencivelli, W. 88436
Bertolucci, S. *see* Farilla, A. 52772
Bertoluzza, C. On the distributivity between t-norms and t-conorms 48785
Bertoncello, R. *see* Mazzoldi, P. 73048
Bertoncini, R. Memory effects in quantum transport theory of confined electronic systems 55856
Bertoncini, R. Interface-induced mass renormalization and relaxation time in nanoscale devices 62914
Bertone, D. *see* Lazzarini, L. 79826
Bertoni, H.L., Honcharenko, W., Macel, L.R., Xia, H.H. UHF propagation prediction for wireless personal communications 86133
Bertoni, H.L. *see* Feng Niu 75247
Bertoni, H.L. *see* Maciel, L.R. 65652

Bertoni, H.L. *see* Xia, H.H. 75347
Bertora, F. *see* Abele, M.G. 50382
Bertora, F. *see* Abele, M.G. 73224
Bertotti, G. Considerations on the Preisach model of ferromagnetic hysteresis 83493
Bertotti, G., Basso, V., Pasquale, M. Application of the Preisach model to the calculation of magnetization curves and power losses in ferromagnetic materials 72035
Bertotti, G., Canova, A., Chiampi, M., Chiarabaglio, D., Fiorillo, F., Rietto, A.M. Core loss prediction combining physical models with numerical field analysis 63252
Bertotti, L. *see* Maini, M. 90877
Bertozzi, W. *see* Dolfini, S.M. 76854
Bertozzi, W. *see* Mandeville, J.B. 76855
Bertram, D. *see* Grahn, H.T. 62270
Bertram, H.N. *see* Che, X. 50306
Bertram, H.N. *see* Che, X. 50321
Bertram, H.N. *see* Che, X. 50364
Bertram, H.N. *see* Liao, S.H. 52801
Bertram, H.N. *see* Lin, G.H. 50295
Bertram, H.N. *see* Lin, G.H. 63230
Bertram, H.N. *see* Slutsky, B. 82265
Bertram, H.N. *see* Wei, D. 82269
Bertram, H.N. *see* Yuan, S.W. 50338
Bertram, H.N. *see* Yuan, S.W. 72107
Bertram, H.N. *see* Yuan, S.W. 72139
Bertram, H.N. *see* Yuan, S.W. 72190
Bertram, H.Neal *see* Neal Bertram, H.
Bertram, M. *see* Potter, N. 90979
Bertran, E., Costa, J., Sardin, G., Campmany, J., Andujar, J.L., Canillas, A. Effects of plasma processing on the microstructural properties of silicon powders 79909
Bertran, M., Oller, F., Forga, J., Frau, J.A., Espejo, J.M., Ripoll, A., Herranz, J.C., Alvarez, F., Viaplana, J., Duran, A., Porta, M., Ramio, J. An environment for DSP system development with extended abstract types, and dimensional design (PADDE) 70615
Bertrand, B. *see* Libeyre, P. 82467
Bertrand, C. Project management: ORCHID II, a second generation tool 48647
Bertrand, F., Paraire, N., Dansas, P., Moresmau, N. Waveguide devices with grating coupler optimization: application to optical switching devices 82630
Bertrand, G. Simple points, topological numbers and geodesic neighborhoods in cubic grids 85136
Bertrand, J., Bertrand, P., Vignaud, L. The concept of kinematical image and its practical use in radar target studies 58465
Bertrand, J.M. *see* Lauber, W.R. 57131
Bertrand, O., Bohorquez, J., Pernier, J. Time-frequency digital filtering based on an invertible wavelet transform: an application to evoked potentials 53420
Bertrand, P. *see* Bastard, P. 68675
Bertrand, P. *see* Bertrand, J. 58465
Bertrand, P. *see* Colnet, B. 74221
Bertrand, P. *see* Joubert, A. 76318
Bertrand, Y. *see* Renovell, M. 49400
Bertsch, D.L. *see* Cuddapah, R. 76761
Bertsch, J., Bernstein, K., Heller, L., Nowak, E., White, F. Experimental 2.0 V power/performance optimization of a 3.6 V-design CMOS microprocessor—PowerPC 601 70593
Bertsche, K.J. *see* Young, A.T. 76304
Bertsekas, D.P. *see* Varvarigos, E.A. 85359
Bertson, E. *see* Lock, J.S. 67366
Bertucci, B. *see* Adam, A. 88087
Bertucci, B. *see* Adam, A. 88102
Bertucci, B. *see* Adriani, O. 88023
Bertucci, B. *see* Battiston, R. 53350
Bertuccio, G., Pullia, A. Room temperature X-ray spectroscopy with a silicon diode detector and an ultra low noise preamplifier 88266
Bertz, A., Werner, T. The formation of very flat silicon sidewalls by dry etching 49879
Berus, T. *see* Litvinov, V. 93045
Beruto, D. *see* Aste, T. 66561
Berven, C. *see* Wu, J.C. 62289
Berwanger, A. Reconciling transmission standards 75389
Berwick, K., Brozel, M.R., Buttar, C.M., Cowperthwaite, M., Hou, Y. Imaging of high field regions in SI GaAs particle detectors 88151
Berwick, M. *see* Jung, R.R. 87124
Berz, M. *see* Hoffstatter, G.H. 66888
Berz, M. *see* Weishi Wan 67391
Berzanskis, A., Gadonas, R., Jonusauskas, G., Piskarskas, A., Stabinis, A. Spatiotemporal squeezed light measurement: second-order correlation technique 94584
Berzins, A. *see* Shorthouse, G. 92821
Berzins, M. *see* Sunada, G. 93534
Berzolari, A.G. *see* Benetti, P. 67327
Berzolari, A.Gigli *see* Gigli Berzolari, A.
Besaga, R.N. *see* Mokhun', I.I. 73176
Besaha, R.N., Mokhun, I.I., Yatsenko, V.V. Referenceless holograms in coherent filtering and image processing systems 73148
Besaha, R.N., Mokhun, I.I., Yatsenko, V.V. Image reconstruction and transformation using systems with referenceless holograms 73152
Besana, E. Transformer substation cabins for users' premises 90309
Besenicar, S.Kobe *see* Kobe Besenicar, S.
Beshai, M., Kositpaiboon, R., Yan, J. Interaction of call blocking and cell loss in an ATM network 85861
Beshenkov, V.G., Marchenko, V.A., Znamenskii, A.G. Silicon anodic-plasma oxidation during magnetron sputtering of yttria-stabilized zirconia 71341
Beshir, M.J. *see* Lee, R.L. 89197
Besikci, C., Razeghi, M. Electron transport properties of $Ga_{0.51}In_{0.49}P$ for device applications 62174
Besikci, C., Razeghi, M. On the description of the collision terms in three-valley hydrodynamic models for GaAs device modeling 81757
Besnainou, J., Coulon, R. Life Cycle Assessment, an analytical tool for designing environmentally sound electric and electronic devices 79277
Besnard, P., Meziane, B., Ait-Ameur, K., Stephan, S. Microwave spectra in external-cavity semiconductor lasers: theoretical modeling of multipass resonances 83061
Bespalov, A.V., Renk, K.F. Electric field dependence of the cyclotron p-germanium laser line 63750
Bespalov, S.S. *see* Lukutin, B.V. 68482
Bespalov, V.G., Efimov, Yu.N., Staselko, D.I. Temporal and spectral structure of backward SRS in calcite 56888
Bespalov, V.G. *see* Staselko, D.I. 56969
Bessalah, H. VLSI architecture for on-line computation of fast orthogonal transforms 70346
Bessalov, A.V. The cross-correlation properties of codes with segment intersection 83950
Bessalov, A.V., Gepko, I.A. Synthesis of orthogonal nonlinear cyclic codes 57354
Besse, G. *see* Vennat, J.C. 98900
Besse, I., Hrubcin, L., Dobrovodsky, L., Hlavka, J. Preparation and properties of silicon detectors of ionizing radiation with shallow implanted PN junction 76775
Besse, I. *see* Dobrovodsky, J. 67291
Besse, P.A., Bachmann, M., Melchior, H., Soldano, L.B., Smit, M.K. Optical bandwidth and fabrication tolerances of multimode interference couplers 72416
Besse, P.A. *see* Bachmann, M. 63472
Besseau, M. *see* Belhoucine, B. 83579
Bessede, J.L., Girodet, A., Martin, J., Plat, J.M. Composite insulators for high voltage SF_6 breakers 100394
Bessenrodt, C., Olsson, J.B. On Mullineux symbols 91292
Besser, B., Bell, L., Robinson, D. MCM-L approach provides cost-effective multichip modules 48665
Besser, H. Movies-on-demand may significantly change the Internet 96698
Besser, P.R., Bravman, J.C. X-ray determination of strains, stress and relaxation in interconnect metallizations 62538
Bessette, D., Duchateau, J.L., Decool, P., Turck, B., Blau, B. Qualification of a 40 kA Nb_3Sn superconducting conductor for NET/ITER coils 82324
Bessette, D. *see* Blau, B. 82440
Bessey, R. *see* Mahoney, J. 96388
Bessho, N. *see* Nishikawa, M. 63498
Bessho, N. *see* Nishikawa, M. 72484
Bessho, N. *see* Nishikawa, M. 87362
Bessho, T. *see* Sato, K. 90323
Bessiere, M. *see* Bellet, D. 93169
Besson, P., Bourgeois, P., Garganne, P., Robert, J.P., Giry, L., Vitel, Y. Measurement of photomultiplier quantum efficiency 49755
Besson, P. *see* Malamud, G. 88001
Bessonov, E.G. X-ray free-proton lasers 50720
Bessot, D., Velazco, R. Design of SEU-hardened CMOS memory cells: the HIT cell 70470
Best, D. *see* Bartley, J. 48692
Bestel, E.F. *see* v. Eckroth, K. 90295
Besten, C.den *see* den Besten, C.
Besthorn, C., Forstl, H., Geiger-Kabisch, C., Sattel, H., Gasser, T., Schreiter-Gasser, U. EEG coherence in Alzheimer disease 59383
Besuijen, K. *see* Spenkelink, G.P.J. 98208
Beszedics, G. *see* Pavuza, F.G. 90599
Betenekov, N.D. *see* Kozlov, A.A. 98642
Beth, S. *see* Arneson, D. 52126
Bethe, K. Optimization of a compact force-sensor/load-cell family 66177
Bethe, K. *see* Sachse, H. 62023
Bethea, C.G. *see* Schatz, R. 83071
Bethea, C.G. *see* Schubert, E.F. 56511
Bethel, S. *see* Dowell, D. 76384
Bethem, T.D. *see* Appell, G.F. 59577
Bethge, K. *see* Kessler, Th. 56212
Bethge, K. *see* Markwitz, A. 55534
Bethge, K. *see* Markwitz, A. 93073
Bethke, F.J. Results of testing the question-and-answer technique 90810
Bethke, S. *see* Shapiro, G. 76455
Bethmann, A., Brocke, K., Harrer, S. Automatic vehicle location system 75669
Betin, A.A., Ergakov, K.V., Mitropol'skii, O.V., Osipov, D.V. Multipass CO_2 amplifier with four-wave phase-conjugating mirrors 82900
Betini, R.C., Kameda, H., Shimizu, K. Routing and flow-control mechanisms in different WAPSN topologies 96623
Betko, J., Kuklovsky, S. On the determination of galvanomagnetic parameters of high resistance layers grown on semiinsulating GaAs substrates 62167
Betko, J. *see* Dubecky, F. 81358
Beton, P.H. *see* Sakai, J.W. 55867
Beton, P.H. *see* Shigekawa, N. 71618
Beton, P.H. *see* Wang, J. 71590
Beton, P.H. *see* Wang, J. 81782
Betser, Y., Fenigstein, A., Salzman, J., Ritter, D. Transmission through abrupt heterojunction potential barriers 81825
Betskiy, O.V. Millimeter waves in biology and medicine (a review) 88538
Betsudan, S.-I. *see* Hayashi, T. 58366
Bett, A. *see* Baldus, A. 79806
Bett, A. *see* Blieske, U. 100685
Bett, A. *see* Wagner, B.F. 100485
Betta, G., Ippolito, L., Pietrosanto, A., Scaglione, A. An optical fiber based technique for continuous level sensing 98035
Betta, G. *see* Bernieri, A. 58652
Betta, G. *see* Bernieri, A. 97781
Bettayeb, M. *see* Al-Baiyat, S.A. 89877
Bettayeb, M. *see* Al-Feilat, E.A.A. 59703
Bettenhausen, M.H., Scharer, J.E. A "3-D" ICRF antenna coupling model for heating and current drive applications in tokamaks 51273
Betterton, K.M. *see* Miller, R.D. 56913
Betterton, K.M. *see* Twieg, R.J. 56415
Betti, S., De Marchis, G., Matera, F. Effect of four-wave mixing on the performance of subcarrier multiplexing (SCM) CATV systems 75751
Betti-Berutto, A. *see* D'Agostino, S. 50046
Bettin, H. *see* Basile, G. 86982
Bettin, H. *see* De Bievre, P. 86970
Bettin, H. *see* Seyfried, P. 86967
Bettinelli, M. *see* Zanella, G. 59098
Bettinger, D.D., Tront, J.G., Loferski, J.R. Microprocessor based system for the detection and characterization of acoustic emissions for materials testing 97785
Bettini, A. *see* Benetti, P. 67327
Bettini, A. *see* Benetti, P. 67328
Bettini, A. *see* Cennini, P. 67285
Bettini, A. *see* Cennini, P. 76755
Betto, A. *see* Campisi, I.E. 67171
Bettocchi, R., Pancaldi, M., Spina, P.R. Design of hydraulic axial-flow turbomachinery of small size 89721
Bettoni, L. *see* Bortone, E. 88504
Betts, A. *see* Visocchi, P. 70727
Betts, F.C. *see* Hall, D.R. 88677
Betts, F.C. *see* Hall, D.R. 88918
Betts, G.E. A linearized modulator for high performance bandpass optical analog links 86501
Betts, K. *see* Fife, A.A. 93943
Betts, K. *see* McKay, J. 88468
Betts, P.J. Self-calibratable voltage transformer with part-per-million accuracy 100187
Betts, R. *see* Mercer, D.J. 87998
Betts, R.R. *see* Wuosmaa, A.H. 67386
Betts, W., Calderbank, A.R., Laroia, R. Performance of nonuniform constellations on the Gaussian channel 96896
Betz, F. Basic research and technology transfer 69486
Betz, G. *see* Soubeyran, A. 77116
Betz, T., Koring, D. Synthetic test installation for investigation of the quenching behaviour of medium-voltage switchgear 100403
Beucher, S. Digital skeletons in Euclidean and geodesic spaces 74339
Beudon, M. *see* Palleau, J. 81107
Beuhler, A.J. *see* Kowalczyk, T.C. 82629
Beukema, B.L. *see* Soderstrom, R.L. 97361
Beuker, R.A., Shah, I.A. Analysis of interlaced video signals and its applications 84764
Beukers, J.M. Administrative procedures and agreements governing global radionavigation 52656
Beum Hun Kim *see* Jae Yeol Rheem 95326
Beuning, S.J. *see* Schulz, N.N. 89072
Beushausen, V. *see* Grunefeld, G. 77111
Beutel, D. *see* Alsammarae, A. 89483
Beutel, D. *see* Alsammarae, A. 99891
Beutler, C. *see* Haberlin, H. 78511
Bevan, M.G. *see* Kopp, D.L. 92760
Bevan, M.J. *see* Temofonte, T.A. 66482
Beven, K. *see* Dah-Syang Lin 67860
Bever, T., Hirayama, Y., Tarucha, S. Quantized conductance in InGaAs point contacts at high temperatures 62178
Bever, T., Hirayama, Y., Tarucha, S. Strong negative transconductance in in-plane-gate transistors written by focused-ion-beam implantation 62876
Bevilacqua, G. *see* Simonetti, D.S.L. 90152
Bevilacqua, R., Bozzo, E., Temperanza, G., Zellini, P. Complexity bounds for solving some tridiagonal systems with preconditioning 79701
Bevilacqua, R.M. *see* Thacker, D.L. 88772
Bevins, C.S. *see* Prestage, N.P. 86640
Bevis, M., Businger, S., Chiswell, S., Herring, T.A., Anthes, R.A., Rocken, C., Ware, R.H. GPS meteorology: mapping zenith wet delays onto precipitable water 73356

Bevis, M. *see* Rocken, C. 59550
Bevk, J. *see* Boebinger, G.S. 83570
Bewsher, A., Powell, I. Optical transfer function measurement facility for aerial survey cameras 99308
Bexell, M., Tiensuu, A.-L., Schweitz, J.A., Soderkvist, J., Johansson, S. Characterization of an inchworm prototype motor 68662
Bexten, E.Meyer zu *see* Meyer zu Bexten, E.
Bey, P.P., Jr., Yonce, D.J., Fare, T.L. Stability analysis of an autonulling AC bridge for use with silicon-based sensors 52983
Beya, K., Pintelon, R., Schoukens, J., Lataire, P., Guillaume, P., Mpanda-Mabwe, B., Delhaye, M. Identification of synchronous machines parameters using broadband excitations 78580
Beya, K. *see* Mpanda-Mabwe, B. 89848
Beyar, R. *see* Manor, D. 88353
Beydoun, B., Rossel, P., Tranduc, H., Charitat, G. Performance of SiC power MOSFETs: on resistance versus voltage capability and switching speed 71708
Beyea, D.M. *see* Tihanyi, P.L. 72914
Beyene, A. *see* Liu, K. 69241
Beyer, A. *see* Bohm, C. 55482
Beyer, A. *see* Heitbrink, A. 64118
Beyer, A. *see* Mueller, U. 80847
Beyer, A. *see* Storzer, H.D. 73203
Beyer, A.H. *see* Tempero, P.E. 89607
Beyer, B. *see* Holtz, J. 78893
Beyer, B. *see* Holtz, J. 78894
Beyer, C.E. *see* Painter, C.L. 68401
Beyer, H.G., Pahlke, T., Schmidt, W., Waldl, H.-P., de Witt, U. Wake effects in a linear wind farm 89762
Beyer, J. *see* Daum, P. 65960
Beyer, J.B. *see* Panton, W.R. 80699
Beyer, K. *see* Hovel, H. 93638
Beyer, K. *see* Shahidi, G.G. 71797
Beyer, M. Experiments with nonintrusive diagnostic methods on a flameproof enclosure model 48634
Beyer, S. *see* Thomas, V. 97136
Beyerer, J. Model based analysis of groove textures 75885
Beyersdorfer, V. *see* Hommel, D. 71282
Beyersdorfer, V. *see* Hommel, D. 72872
Beyette, F.R., Jr. *see* Mitkas, P.A. 50627
Beylat, J.L. *see* Bayart, D. 56709
Beylat, J.L. *see* Bayart, D. 82967
Beylat, J.L. *see* Bayart, D. 86399
Beylat, J.L. *see* Clesca, B. 52588
Beylat, J.L. *see* Clesca, B. 52596
Beylat, J.L. *see* Clesca, B. 58400
Beylat, J.L. *see* Clesca, B. 72785
Beylot, A.-L., Kohlenberg, I., Becker, M. Performance analysis of an ATM switch based on a three-stage Clos interconnection network under non-uniform traffic patterns 96910
Beyma, D.C. *see* Sterman, M.B. 99054
Beymer, B.A., Hochnadel, R.D. A chain light system for collision avoidance 97162
Beymer, D.J. Face recognition under varying pose 84683
Beyne, E., Peeters, J. Transmission line analysis of MCM interconnects 91063
Beyne, E. *see* Christiaens, F. 91078
Beyne, E. *see* Peeters, J. 54523
Beyne, E. *see* Peeters, J. 79316
Beynhem, R.H.van *see* van Beynhem, R.H.
Beynon, J. *see* Hosseini, A.A. 72537
Beynon, J. *see* Rahman, M.H. 70174
Bez, R. *see* Lanzoni, M. 62762
Bez, R. *see* Selmi, L. 62756
Bez, R. *see* Selmi, L. 62841
Bez, R. *see* Selmi, L. 81890
Bez, R. *see* Selmi, L. 93399
Bezaguet, A., Casas-Cubillos, J., Cyvoct, A., Lebrun, P., Losserand-Madoux, R., Marquet, M., Schmidt, M. A pulsed superconducting magnet for a static magnetic refrigerator operating between 1.8 K and 4.5 K 82474
Bezamat, J. *see* Dell'Acqua, A. 87955
Bezan, C., Quinton, P. Verification of regular architectures using ALPHA: a case study 80297
Bezborodko, P., Abbaoui, M., Robin-Dugreneau, J. New experimental spectroscopic set up used for squeezed electrical arc studies 90275
Bezdek, J.C., Hathaway, R.J. Optimization of fuzzy clustering criteria using genetic algorithms 91325
Bezdek, J.C. *see* Tsao, E.C.-K. 74472
Bezemat, J. *see* Dell'Acqua, A. 98680
Bezhikina, L.V. *see* Kaplan, A.M. 56097
Bezie, O., Lockwood, P. Beam search and partial traceback in the frame-synchronous two-level algorithm (TLBS) 84081
Bezrukov, L.B. *see* Belolaptikov, I.A. 59156
Bezuidenhout, C.L. Energy management by remote interrogation of meters 99782
Bezy, J.-L. *see* Bruegge, C.J. 63539
Bez"yazychnyi, I.A. *see* Berezin, A.K. 92466
Bez"yazychnyi, I.A. *see* Berezin, A.K. 92892
Bezzaoui, H. *see* Hoffmann, M. 87076
Bhadani, P.K., Tang, Y.X., Harrison, R.G. Novel magnetic-spiker sustainer excitation circuit for a multijoule TE CO_2 laser 72972
Bhadkamkar, N., Fowler, B. A sound localization system based on biological analogy 67455
Bhadra, S.N. *see* Chakraborty, C. 68603
Bhadra, S.N. *see* Chakraborty, C. 68604
Bhadury, B. *see* John, A.P. 48709
Bhagat, R. Puget power cleans live and dry [switchgear cleaning] 60378
Bhagat, R., Krueger, B. Cleaning energized equipment using dry ice pellets 78741
Bhagath, S. *see* Sridhar, S. 90991
Bhagavatula, V.A., Maschmeyer, R.O., Hagerty, R.J., Sachenik, P.A., Holmes, G.T. Planar lens devices by CVD process 94129
Bhagavatula, V.A. *see* Nolan, D.A. 75452
Bhagvati, C., Skolnick, M.M., Grivas, D.A. Gaussian normalisation of morphological size distributions for increasing sensitivity to texture variations and its applications to pavement distress classification 74607
Bhagwat, P., Mishra, P.P., Tripathi, S.K. Effect of topology on performance of reliable multicast communication 65276
Bhaiwala, M. *see* McKinney, D.L. 55286
Bhakre, A., Bhope, S. World class manufacturing (WCM) 69496
Bhakta, P. *see* Ray, P.S. 59821
Bhalla, A. *see* Price, D.T. 54398
Bhalla, A.S. *see* Alberta, E.F. 50144
Bhalla, A.S. *see* Kumar, S. 93805
Bhalla, A.S. *see* Kumar, S. 93806
Bhalla, A.S. *see* Li, S. 56128
Bhalla, A.S. *see* Li, S. 58956
Bhalla, A.S. *see* Shaoping Li 76155
Bhama, S., Singh, H., Kaur, D. Dynamic image modelling by neural networks 57748
Bhan, M. *see* Dalal, V.L. 79884
Bhan, R.K., Ashokan, R., Mathur, P.C. Structural characteristics of combination oxide consisting of dry thermal SiO_2 and sputtered SiO_2 62439
Bhan, R.K., Lomash, S.K. Rapid measurement of threshold non-uniformity in CCD multiplexers for hybrid focal plane arrays 52942
Bhan, R.K., Mathur, P.C. An alternate and simpler method for finding the field-dependent defect density of SiO_2 films using MOS capacitor devices 55668
Bhandal, A.S., Detlefsen, W., Graf, J., Kimber, P.K. Progress towards a European standard on 5.8 GHz microwave short range communication systems for road traffic informatics 69179
Bhandari, D., Pal, N.R., Pal, S.K. Directed mutation in genetic algorithms 69751
Bhandari, D., Pal, S.K., Kundu, M.K. Image enhancement incorporating fuzzy fitness function in genetic algorithms 51686
Bhandari, N. *see* Luderer, G.W.R. 86006
Bhandari, R. Optimal diverse routing in telecommunication fiber networks 65817
Bhandari, R., McGill, J., Wang, E., Penner, S. Detailed studies on the beam transfer line from linac to Low Energy Booster synchrotron for the SSC 66953
Bhandari, R. *see* Love, G.D. 82734
Bhandari, R.K. *see* Bose, D.K. 53145
Bhandarkar, S.M. A fuzzy probabilistic model for the generalized Hough transform 64862
Bhandarkar, S.M., Yiqing Zhang, Potter, W.D. An edge detection technique using genetic algorithm-based optimization 84632
Bhandarkar, S.M. *see* Koh, J. 57725
Bhandarkar, S.M. *see* Koh, J. 64803
Bhanji, A. The 500-kW CW X-band Goldstone system radar 86641
Bhanoo, M.M. *see* Yohman, E.J. 68894
Bhanot, V., Gupta, H., Sharma, J. Efficient method for alleviating voltage limit violations using local optimisation 77894
Bhanu, B., Das, S., Symosek, P., Snyder, S., Roberts, B. Synergism of binocular and motion stereo for passive ranging 74299
Bhanu, B. *see* Braithwaite, R.N. 76091
Bhanu, B. *see* Burger, W. 96080
Bhanumathi, A. *see* Murty, K.V.R. 56140
Bhar, G.C. Silver thiogallate and related diamond-like semiconductors for nonlinear optical laser devices 63930
Bhar, G.C., Datta, P.K., Das, S. In search of non-critically phase-matched nonlinear devices with chalcopyrite crystals 63928
Bhar, G.C., Datta, P.K., Rudra, A.M., Chatterjee, U. Spectral noncritically phase-matched near-infrared generation by difference frequency mixing in lithium triborate 63947
Bhar, G.C. *see* Das, T.K. 94613
Bhar, G.C. *see* Tyagi, R.K. 73041
Bhar, T.N. *see* Lambert, R.J. 62321
Bhar, T.N. *see* Lambert, R.J. 93145
Bharadwaj, V. *see* Holt, J.A. 87847
Bharadwaj, V. *see* Wu, G. 76465
Bharali, A.A., Berman, P. Distributed consensus with general omission failures and timing uncertainty 96262
Bharali, A.A. *see* Berman, P. 74739
Bharatan, S., Jones, K.S., Abernathy, C.R., Pearton, S.J., Ren, F., Wisk, P.W., Lothian, J.R. Structural characterization of GaN and $GaAs_xN_{1-x}$ grown by electron cyclotron resonance-metalorganic molecular beam epitaxy 91489
Bharati, A., Chaitanya, V., Sangal, R. Paninian framework and its application to anusaraka 73572
Bhardwaj, M.P. *see* Srivastav, S.K. 88771
Bhargava, V.K. *see* Bigloo, A.M.Y. 75205
Bhargava, V.K. *see* Fair, I.J. 95154
Bhargava, V.K. *see* Gulliver, T.A. 95204
Bhargava, V.K. *see* Hasan, M.A. 52334
Bhargava, V.K. *see* Hong Zhao 97080
Bhargava, V.K. *see* Hong Zhao 97097
Bhargava, V.K. *see* Jialin Zou 85218
Bhargava, V.K. *see* Qiang Wang 57329
Bhargava, V.K. *see* Tellambura, C. 52449
Bhargava, V.K. *see* Tellambura, C. 73770
Bhargava, V.K. *see* Tellambura, C. 95080
Bhargava, V.K. *(editor)* 1993 Canadian Conference on Electrical and Computer Engineering (Cat. No.93TH0590-0) 79095
Bhargava, V.M., Farooq, M.M. Gland steam system upgrade 89641
Bharj, S., Bechtle, D., Taylor, G., Jozwiak, P., Perlow, S., Camisa, R., Mawhinney, D., Lawson, J., Presser, A., Sterzer, F. A MMIC based 48 tap X-band adaptive transversal filter 80627
Bharj, S., Bechtle, D., Taylor, G., Jozwiak, P., Perlow, S., Camisa, R., Mawhinney, D., Lawson, J., Presser, A., Sterzer, F. A MMIC based 48 tap X-band adaptive transversal filter 92587
Bharrat, S.J. *see* Basch, B. 85666
Bharrat, S.J. *see* Singh, R.K. 96740
Bhartia, P. *see* Mongia, R.K. 76177
Bhasale, R. *see* Dou, S.X. 63273
Bhasin, K. *see* Jackson, C.M. 97195
Bhasin, K.B. *see* Ferendeci, A.M. 92550
Bhasin, K.B. *see* Javadi, H.H.S. 97217
Bhaskar, B.R.U. *see* Tzeng, F.F. 97109
Bhaskar, D.R., Senani, R. New linearly tunable CMOS-compatible OTA-C oscillators with noninteracting controls 49199
Bhaskar, D.R. *see* Senani, R. 92354
Bhaskaran, R., Kwatra, S.C. Compression of HDTV signals for low bit-rate transmission using motion compensated subband transform coding and a self-organization neural network 57894
Bhaskaran, S. *see* Britton, J.D. 66637
Bhat, A.K. *see* Chou, H.C. 90384
Bhat, A.K. *see* Chou, H.C. 100506
Bhat, A.K. *see* Rohatgi, A. 90436
Bhat, A.K.S. Analysis and design of LCL-type series resonant converter 54070
Bhat, A.K.S. Frequency domain analysis of a fixed-frequency LCL-type series-resonant converter 90178
Bhat, A.K.S. Operation of high-frequency resonant converters on the utility line with improved characteristics 100268
Bhat, A.K.S., Biswas, A., Iyengar, B.S.R. Analysis and design of (*LC*)(*LC*)-type series-parallel resonant converter 68775
Bhat, A.K.S. *see* Agarwal, V. 80136
Bhat, A.K.S. *see* Agarwal, V. 90196
Bhat, A.K.S. *see* Swamy, M.M. 55135
Bhat, C.L. *see* Tickoo, A.K. 98658
Bhat, C.M. Measurements of higher order modes in 3rd harmonic RF cavity at Fermilab 67063
Bhat, C.M., Dey, J., Griffin, J., Kourbanis, I., MacLachlan, J., Martens, M., Meisner, I., Ng, I.Y., Shan, J., Wildman, D. Operational experience with third harmonic RF cavity for improved beam acceleration through transition in the Fermilab Main Ring 66961
Bhat, C.M. *see* Dey, J. 67172
Bhat, G.K. A hybrid fringe analysis technique for the elimination of random noise in interferometric wrapped phase maps 83392
Bhat, H.L. *see* Dutta, P.S. 69914
Bhat, H.L. *see* Dutta, P.S. 81526
Bhat, I., Akram, S. Atomic layer epitaxial growth studies of ZnSe using dimethylzinc and hydrogen selenide 69990
Bhat, I. *see* Akram, S. 69988
Bhat, I. *see* Ojo, O. 54078
Bhat, I. *see* Ojo, O. 60528
Bhat, I. *see* Ojo, O. 68730
Bhat, I. *see* Ojo, O. 100101
Bhat, I. *see* Rodrigues, R.G. 100677
Bhat, I. *see* Wang, W.-S. 61287
Bhat, I.B., Wen-Sheng Wang, Trivedi, S.B., Jagannathan, G.V., Rosemeier, R.G., Kennedy, J.J. Vapor phase epitaxy of ZnTe on silicon substrates 61257
Bhat, I.B. *see* Karam, N.H. 61253
Bhat, K.N. *see* Goud, C.B. 93155
Bhat, M., Kim, J., Yan, J., Yoon, G.W., Han, L.K., Kwong, D.L. MOS characteristics of ultrathin NO-grown oxynitrides 93167
Bhat, M., Yoon, G.W., Kim, J., Kwong, D.L., Arendt, M., White, J.M. Effects of NH_3 nitridation on oxides grown in pure N_2O ambient 49885
Bhat, P.K. *see* Tsuo, Y.S. 100472
Bhat, R., Koza, M.A., Song, J.-I., Schwarz, S.A., Caneau, C., Hong, W.-P. Reduction of zinc diffusion into the collector of InP-based double heterojunction bipolar transistors grown by organometallic chemical vapor deposition 71603
Bhat, R. *see* Abdou, G. 66170
Bhat, R. *see* Adesida, I. 58796
Bhat, R. *see* Agarwala, S. 55789
Bhat, R. *see* Agarwala, S. 55825
Bhat, R. *see* Ballegeer, D.G. 56044
Bhat, R. *see* Chung-En Zah 63780
Bhat, R. *see* Chung-En Zah 72838

Bhat, R. *see* Greenberg, D.R. 56036
Bhat, R. *see* Grundmann, M. 56809
Bhat, R. *see* Jong-In Song 49651
Bhat, R. *see* Maslar, J.E. 71094
Bhat, R. *see* Soole, J.B.D. 52553
Bhat, R. *see* Soole, J.B.D. 97284
Bhat, R. *see* Stiharu, I. 62433
Bhat, R. *see* Uomi, K. 50824
Bhat, R. *see* Zah, C.E. 97283
Bhat, S. FDDI topology mapping 96672
Bhat, S., Kroboth, R.H., Driesbach, A.L. The FDDI Ring Manager for the HP Network Advisor Protocol Analyzer 96671
Bhat, S. *see* Carpio, R.A. 62429
Bhat, S.R. *see* Gopakumar, K. 69059
Bhat, S.R. *see* Umanand, L. 100137
Bhathena, F., Lang, J.H., Slocum, A.H. Precision low-speed digital control of a permanent-magnet synchronous motor 69067
Bhathena, F., Verghese, G.C., Poloujadoff, M. Stability analysis of a non-Park-transformable electrical machine model 89849
Bhatia, C.S. *see* Strom, B.D. 93882
Bhatia, D. Field programmable gate arrays. A cheaper way of customizing product prototypes 61635
Bhatia, D., Chowdhary, A., Tragoudas, S. Mathematical model for routability analysis of FPGAs 49269
Bhatia, D. *see* Shankar, V. 49267
Bhatia, G. *see* Commean, P.K. 58828
Bhatia, G. *see* Godhwani, A. 58829
Bhatia, H., Kadakia, S., Delmore, B., Degerstrom, M., Heid, L., Beard, D. Multilayer glass ceramic substrate design for SS-1 supercomputer 91058
Bhatia, H. *see* Kadakia, S.D. 79318
Bhatia, H. *see* Kahn-Jetter, Z.L. 57641
Bhatia, H. *see* Tummala, R. 91006
Bhatia, S., Jha, N.K. Genesis: a behavioral synthesis system for hierarchical testability 49311
Bhatia, S., Jha, N.K. Behavioral synthesis for hierarchical testability of controller/data path circuits with conditional branches 91754
Bhatia, V. *see* Claus, R.O. 52935
Bhatkal, R.M., Rajan, K. Processing effects on the morphological stability at epitaxial interfaces 91467
Bhatnagar, A., Nair, K.R.S., Kumar, R., Chalapati, K., Patro, Y.G.K. Study of cross coupling in transition bends using cascaded coupler segment method 82639
Bhatnagar, H.M., Kothari, P.C. Effective efficiency measurement results conducted on a X-band thin film waveguide barretter mount developed at NPL, New Delhi 80589
Bhatnagar, M., Nakanishi, H., Bothra, S., McLarty, P.K., Baliga, B.J. Edge terminations for SiC high voltage Schottky rectifiers 55887
Bhatnagar, M., Nakanishi, H., Mclarty, P.K., Baliga, B.J., Patnaik, B., Parikh, N. Comparison of Ti and Pt silicon carbide Schottky rectifiers 62679
Bhatnagar, M. *see* Poland, S.H. 98052
Bhatnagar, P., Singh, B., Nundy, U. Low-pressure 50-mJ KrF laser 72675
Bhatnagar, P.K. *see* Vaijapurkar, S.G. 99027
Bhatnagar, P.S. *see* Rawat, V. 96982
Bhatnagar, R. *see* Dixit, S.K. 72947
Bhatnagar, S. *see* Jennings, C. 99991
Bhatnagar, S.K. *see* Khanna, P.K. 62024
Bhatnagar, V. *see* Ryan, P.M. 51272
Bhatnagar, V. *see* Suter, J.J. 67729
Bhatoolaul, D., McGarr, T., Abu-Rgheff, M., Wade, G., Tomlinson, M. Shaped spectrum multi-channel orthogonal satellite data transmission 52456
Bhatt, B.C., Srivastava, J.K., Sanaye, S.S., Shinde, S.S., Patill, A.S., Supe, S.J. Personal dosemeter intercomparisons as indices of performance—a quality assurance procedure 88606
Bhatt, P.C.P. *see* Hold, B. 78964
Bhatt, S.C., Shinohara, Y. Expert system technology & applications in Japan 68013
Bhatt, S.C. *see* May, R.S. 99852
Bhattacharjee, B., Das, H.L., Goswami, T.D. DC conductivity of cellulose nitrate particle track detector 88155
Bhattacharjee, P. An impedance matching technique for increasing bandwidth of a circular microstrip antenna 64228
Bhattacharya, B.B. *see* Khoshgoftaar, T.M. 91229
Bhattacharya, D., Subramanian, S., Shpak, D., Antoniou, A. VLSI design of echo cancelers for the HDSL system 96888
Bhattacharya, D. *see* Chakrabarti, S. 82293
Bhattacharya, D. *see* O'Neill, T.J. 67668
Bhattacharya, K. *see* Acharya, T.K. 57757
Bhattacharya, K. *see* Kothari, M.L. 59747
Bhattacharya, M. *see* Chattopadhyay, T. 72827
Bhattacharya, P. Parallel optical image processing with image-logic algebra and a polynomial approach 82772
Bhattacharya, P. GaAs and InP-based monolithically integrated transmitters and photoreceivers 86466
Bhattacharya, P., Kyung-Ho Park, Nishioka, Y. Control of grain structure of laser-deposited $(Ba,Sr)TiO_3$ films to reduce leakage current 93713
Bhattacharya, P., Rosenfeld, A. Polygons in three dimensions 61058
Bhattacharya, P. *see* Cowles, J. 86363
Bhattacharya, P. *see* Gutierrez-Aitken, A.L. 58425
Bhattacharya, P. *see* Gutierrez-Aitken, A.L. 65861
Bhattacharya, P. *see* Karakucuk, M. 61950
Bhattacharya, P. *see* Karakucuk, M. 80720
Bhattacharya, P. *see* Thayne, I. 93502
Bhattacharya, P. *see* Yang, H.-P.D. 50047
Bhattacharya, P.K., Nandakumar, R.P. Effect of X-ray irradiation on submicrometre channel length MOSFETs 62763
Bhattacharya, P.K. *see* Davis, L. 63827
Bhattacharya, P.K. *see* Gutierrez-Aitken, A.L. 63583
Bhattacharya, P.K. *see* Li, S.H. 81432
Bhattacharya, P.K. *see* Teitsworth, S.W. 62264
Bhattacharya, P.K. *see* Yang, D. 61903
Bhattacharya, P.K. *see* Yoon, H. 63842
Bhattacharya, P.K. *see* Yoon, H. 94443
Bhattacharya, P.K. *see* Zia, O. 82708
Bhattacharya, S., Dey, S., Brglez, F. Clock period optimization during resource sharing and assignment 92104
Bhattacharya, S., Dey, S., Brglez, F. Provably correct high-level timing analysis without path sensitization 92172
Bhattacharya, S., Du, D.H.C., Pavan, A., Tong, S.-R., Vetter, R., Williams, K. A network architecture for distributed high performance heterogeneous computing 52165
Bhattacharya, S., Rajeswari, M., Xi, X.X., Qi Li, Venkatesan, T. Optical response of superconducting $YBa_2Cu_3O_{7-\delta}$ thin films and grain-boundaries 66358
Bhattacharya, S. *see* Katragadda, P. 81095
Bhattacharya, S.S., Worley, E.R., Williams, R.A. Accuracy of channel resistance and current gain methods of L_{eff} extraction 62761
Bhattacharya, T.K. Homemade watts for rural India 99978
Bhattacharya, U. *see* Rodwell, M.J.W. 61949
Bhattacharya, U. *see* Rodwell, M.J.W. 72643
Bhattacharya, U. *see* Rodwell, M.J.W. 87471
Bhattacharyya, A. Effects of the variation in the dose of the injector implant on the endurance characteristics of floating gate electrically erasable programmable read only memory devices 55265
Bhattacharyya, A. Electrical effects due to dopant redistribution in titanium and cobalt polycide gate MOS capacitor structures 62320
Bhattacharyya, A.B., Tuli, S., Kataria, S. An automated nondestructive characterization system for pyroelectric materials 55023
Bhattacharyya, A.B. *see* Tuli, S. 93866
Bhattacharyya, A.K. Multimode moment method formulation for waveguide discontinuities 73468
Bhattacharyya, A.K. *see* Burke, G.J. 73480
Bhattacharyya, D. *see* Pal, R. 61368
Bhattacharyya, K. Two-dimensional electron transport in selectively doped $Ga_{0.25}In_{0.75}As_{0.5}P_{0.5}$/InP heterostructure 49808
Bhattacharyya, M.K., Simmons, R.F. MR head manufacturing sensitivity analysis using transmission line model 72130
Bhattacharyya, M.K. *see* Anthony, T.C. 72131
Bhattacharyya, M.K. *see* Che, X. 50321
Bhattacharyya, M.K. *see* Yuan, S.W. 72139
Bhattacharyya, R. *see* Dixit, P.N. 50657
Bhattacharyya, R. *see* Dixit, P.N. 50669
Bhattacharyya, R. *see* Ray, M.C. 71891
Bhattacharyya, S.C. An overview of problems and prospects for the Indian power sector 68087
Bhattacharyya, S.S., Lee, E.A. Memory management for dataflow programming of multirate signal processing algorithms 64436
Bhattarai, A.R. *see* Khan, M.A. 72599
Bhattarai, G.B. *see* Shrestha, R.M. 78025
Bhaumik, B.B. *see* Mukherjee, A. 74970
Bhavaraju, V.B., Enjeti, P. A fast acting line conditioner for sensitive loads corrects voltage sags 59713
Bhavaraju, V.B., Enjeti, P. A fast active power filter to correct line voltage sags 68007
Bhavaraju, V.B., Enjeti, P. A novel active line conditioner for a three-phase system 68070
Bhave, A.G. Potential for solar water-pumping systems in India 60140
Bhavnani, S.H. *see* Balch, S.E. 91072
Bhavnani, S.H. *see* Nowell, R.M. 91083
Bheemineni, V. *see* Maher, G.H. 92646
Bhend, W.L. *see* Mertens, J.D. 53412
Bhethanabolta, D.P. *see* Attar, G. 90432
Bhimnathwala, H. *see* Baumgart, H. 93082
Bhingarde, S. *see* Madhwapathy, S. 91789
Bhise, B.V. *see* Patil, M.G. 71127
Bhise, G.G., Kothart, M.L., Nanda, J. Optimum selection of hydrogovernor parameters for automatic generation control of a hydrothermal system 59828
Bhist, T.D. *see* Singh, G.K. 78623
Bhola, V.K. Designing and constructing the next generation of HEPA filters 62950
Bhope, S. *see* Bhakre, A. 69496
Bhosale, C.H., Uplane, M.D., Patil, P.S., Lockhande, C.D. Preparation and properties of sprayed antimony trisulphide films 70076
Bhumbra, B.S., Thompson, G.H.B., Wright, A.P. Thermal impedance measurement of semiconductor lasers 56778
Bhusari, D.M., Kumbhar, A.S., Kshirsagar, S.T. Improved fluorinated hydrogenated amorphous silicon alloys prepared using the hot-plasma-box glow-discharge technique 70071
Bhushan, A.K. Economic incentives for total quality environmental management 54407
Bhushan, B., Gupta, B.K. Friction and wear of ion-implanted diamondlike carbon and fullerene films for thin-film rigid disks 63235
Bhushan, B., Koinkar, V.N. Tribological studies of silicon for magnetic recording applications 63223
Bhushan, B., Koinkar, V.N., Ruan, J.-A. Microtribology of magnetic media 50337
Bhushan, B., Patton, S.T. Friction and wear of ultrahigh-density magnetic tapes 63232
Bhushan, B., Ruan, J.A. Atomic-scale friction measurements using friction force microscopy. II. Application to magnetic media 70211
Bhushan, B. *see* Ruan, J.A. 70210
Bhushan, V. *see* Mandeville, J.B. 76855
Bhutani, S. *see* Balch, S.E. 91072
Bhuva, B. *see* Kaul, N. 61471
Bi, G. Split radix algorithm for the discrete Hartley transform 91404
Bi, G., Coakley, F.P., Evans, B.G. An efficient pulse shaping filter for onboard processing satellites 92408
Bi, G. *see* Xiang, Z. 75285
Bi, G. *see* Zhang, Q. 57386
Bi, G. *see* Zhang, T. 83933
Bi, J., Anjanappa, M. Investigation of active vibration damping using magnetostrictive mini actuator 82301
Bi, J. *see* Anjanappa, M. 82305
Bi, J.Q., Anliker, P. Twisted pair loose tubes: A new design of fiber optic cables 86512
Bi, Y.F. *see* Chen, J.L. 79510
Bi Guangguo *see* Guangguo Bi
Bi Hao *see* Hao Bi
Bi Mi, Cham Wai Kuen, Zheng Zhi Hang Discrete cosine transform on irregular shape for image coding 85195
Bi Ning *see* Ning Bi
Bi Shaolin *see* Shaolin Bi
Bi Shaozhong, Sun Deming Scherbius cascade system by inverter short-circuit control and its application 89824
Bi Shengchun *see* Shengchun Bi
Bi Zhang, Zhen Qi Zhu Design of an inchworm-type linear piezomotor 90051
Bi Zhang *see* Fabbricatore, P. 87784
Bi-Shiou Chiou *see* Wen-Fa Wu 61377
Bi-Shiou Chiou *see* Wen-Fa Wu 70074
Biacovsky, D. *see* Kohl, F. 58724
Biaggio, I., Partanen, J.P., Ai, B., Knize, R.J., Hellwarth, R.W. Optical image processing by an atomic vapour 95738
Biaggioni, G. *see* Cortelazzo, G.M. 86682
Biagi, S.F. *see* Kiourkos, S. 88011
Biagini, M.E. *see* Bassetti, M. 76544
Biagio, S.Di *see* Di Biagio, S.
Biain, G., Dawson, J., Tozer, T.C. New technique for nonintrusive OTDR based on traffic data correlation 82556
Biair, G.S. *see* Adcock, P. 85801
Bialecki, B. Preconditioned Richardson and minimal residual iterative methods for piecewise Hermite bicubic orthogonal spline collocation equations 54736
Bialek, W. *see* Ruderman, D.L. 84629
Bialkowski, M.E. Analysis of a planar M-way radial waveguide combiner/divider for the case of arbitrary excitation 80612
Bialkowski, M.E., Jellett, S.T. Analysis and design of a circular disc 3 dB coupler 70851
Bialkowski, M.E., Jellett, S.T. A 3 dB planar coupler in the form of an elliptically shaped disc 80602
Bialkowski, M.E. *see* Jellett, S.T. 83880
Bian, J. *see* Nelson, R. 89102
Bian, J. *see* Ramey, D.G. 78058
Bian, Q. *see* Bai, J.Z. 53324
Bian, Y., Last, D. Novel techniques for Loran-C skywave estimation 86625
Bian, Y., Popplewell, A., O'Reilly, J.J. New very high rate punctured convolutional codes 73598
Bian, Z. *see* Tao, H. 96022
Bian Jingming *see* Liu Jian-Gang 100227
Bian Jingming *see* Xu Dehong 100805
Bian Shaoping *see* Zhang Hongxi 73082
Bian Yaowei Insulating oil reproduction in operating electric equipment 54062
Biancardi, L. *see* Sansoni, G. 58983
Biancardi, L. *see* Sansoni, G. 87526
Bianchi, A. *see* Magni, R. 88492
Bianchi, L. *see* Molinar, G.F. 66288
Bianchi, P. Technology and human resources in Europe after Maastricht 69463
Bianchi, P., Fiamberti, D., Fiore, G. Equipment for the measurement of fault impedances 76148
Bianchini, P., Ferragina, P., Granieri, M.N., Tarricone, L. New techniques for speech understanding 73862

Bianchini, R., LeBlanc, T.J. Eager combining: a coherency protocol for increasing effective network and memory bandwidth in shared-memory multiprocessors 96248
Bianco, A., Gusmano, G., Montanari, R., Montesperelli, G., Traversa, E. Preparation of Ni-Co metal powders by co-reduction of Ni(II) and Co(II) hydroxides for magnetoresistive sensors 54977
Bianco, A. *see* Ajmone Marsan, M. 52094
Bianco, A. *see* Bearzotti, A. 66252
Bianco, A. *see* Marsan, M.A. 74991
Bianco, A.Del *see* Del Bianco, A.
Bianco, G.Lo *see* Lo Bianco, G.
Bianco, J.Santos *see* Santos Bianco, J.
Bianco, L., Feudale, F., Razza, F., Sica, M., Contin, A., Rabach, G. High voltage induction motors for use in hazardous areas: evolution of legal aspects and technical investigations related to safety problems 54014
Bianco, L.G. *see* Cantoni, P. 53306
Biao Chen *see* Wei Zhao 58132
Biao Lin Zhen *see* Lin Zhen Biao
Biao Wang *see* Wang Biao
Biard, J. *see* Stone, N.H. 88634
Biase, G.A.De *see* De Biase, G.A.
Biase, M.De *see* De Biase, M.
Biase, V.C.Di *see* Di Biase, V.C.
Biasi, V.de *see* de Biasi, V.
Biasini, M. *see* Adam, A. 88087
Biasini, M. *see* Adam, A. 88102
Biasini, M. *see* Adriani, O. 88023
Biasini, M. *see* Ambrosi, G. 53302
Biazza, F. *see* Gentili, P. 92394
Biazzi, R., Russano, F., Zucchinali, A. Integrated communication system on customer premises: an evolving scenario 52095
Bibb, B.R.M. The assessment and control of risk in the development of medical systems 59420
Bibbo, P.P. EPRICON: agentless flue gas conditioning for electrostatic precipitators 89596
Bibby, J. *see* Borer, K. 98687
Bibby, J.H. *see* Borer, K. 53347
Bibee, L.D., Kolle, J. Seismic penetrator technology for use in shallow water seismoacoustics 77339
Biberman, L., Freeman, C.F. Report on FLIR/display workshop 66632
Bibet, D. *see* Auger, G. 98385
Bible, C. *see* Gonzalez, R. 89464
Bibo Feng *see* Lifen Zhang 94546
Bicakci, O. *see* Buyukaksoy, A. 57088
Bicakci, O. *see* Erdogan, E. 83640
Bice, A.N. *see* Miyaoka, R.S. 59287
Bice, A.N. *see* Pollard, K.R. 59305
Bicelli, L.P. *see* Fracastoro-Decker, M. 48964
Bicelli, L.P. *see* Pandey, R.K. 48963
Bich-Yen Nguyen, Young Limb, Tobin, P.J., Huffman, G., Kouba, C., Gonzales, S., Le La Insitu pyrochemical wafer cleaning for furnace processing 71376
Bicheng Cao *see* Cao Bicheng
Bichsel, H. *see* Hiraoka, T. 67611
Bichsel, M. *see* Ohnesorge, K.W. 64268
Bichsel, M. *see* Ohnesorge, K.W. 74527
Bickel, J.E., Ferguson, J.A. Measurements of VLF/LF atmospheric noise 83713
Bicker, B., Knuckey, M. Bandwidth utilisation options for passive optical networks 52538
Bickers, L. *see* Senior, J.M. 52530
Bickford, D.J. *see* Zahra, S.A. 60816
Bickley, C., Hunnicutt, S., Lamel, L. Alternative strategies for creating AutoCAD drawings 98980
Bickley, M., Bowling, B.A., Douglas, D., Hofler, A., Kewisch, J., Krafft, G.A. Orbit correction implementation at CEBAF 87693
Bicknell, A., Smith, J.S., Lucas, J. Arc voltage sensor for monitoring of penetration in TIG welds 97944
Bicknell, J., Chow, C.E., Syed, S. Performance analysis of fast distributed network restoration algorithms 85372
Bicknell, J. *see* Hilson, S. 65411
Bicknell, T. *see* Cuddy, D. 67788
Bicknell-Tassius, R.N., Theis, W.M., Cole, T., Higa, K.T., Groshens, T.J. Metalorganic molecular beam epitaxy doping of II-VI compound semiconductors 71283
Bidadi, H. *see* Kalafi, M. 100515
Bidan, G., Jarjayes, O., Fruchart, J.M., Hannecart, E. New nanocomposites based on 'tailor dressed' magnetic particles in a polypyrrole matrix 49018
Bidault, F., Fischer, W.A. Technology transactions: networks over markets 90847
Biddiscombe, J.A. *see* Green, S.D. 97395
Biddle, M.B., Christy, M.R. Here today, here tomorrow: challenges of recycling engineering thermoplastics 54646
Biddle, M.B., Mann, R. Recipe for recycling 69546
Biden, E. *see* Danisch, L. 76026
Bidermann, W., Nakagome, Y., Lu, N. Low power/low voltage technologies: a joint circuits and technology session 71763
Bidin, A.R., Green, R.C., Shackleton, M.E., Stott, A.L., Taylor, R.W. Electrodynamic sensors for process tomography 87089
Bidstrup, S.A. *see* Han, S.S. 61277
Bidstrup, S.A. *see* Han, S.S. 61343
Bidstrup, S.A. *see* Hedge, T.C. 49842
Bidstrup, S.A. *see* Laursen, K. 58947
Bidyuk, P., Podladchikov, V., Podladchikova, I. Analytical study of the Kalman filter for stationary dynamic systems 57438
Bidyuk, P. *see* Korbicz, J. 59458
Bie, J.de *see* de Bie, J.
Bie, J.je *see* je Bie, J.
Bie, Q.S. *see* Xu, Y.B. 63186
Biebl, E.M. *see* Nitsche, R.G. 87489
Biebricher, M., Osterfeld, M., Franke, H., Lins, W., Bajons, P., Pfeiffer, K., Lorkowski, H.-J. Elasto-optical investigations using polymer lightguides 56464
Biedenbender, M. *see* Aust, M.V. 80828
Biedenbender, M. *see* Aust, M.V. 92589
Biedenbender, M. *see* Kasody, R.E. 80756
Biedenbender, M. *see* Lo, D.C.W. 66312
Biedenbender, M. *see* Lo, D.C.W. 80832
Biedenbender, M. *see* Lo, D.C.W. 92592
Biederman, H., Cermak, I., Fejfar, A., Pesicka, J. Metal-doped hard carbon films 70103
Biedinger, J.-M. *see* Dumas, F. 89847
Biefeld, R.M. *see* Baucom, K.C. 54908
Biegelsen, D.K. *see* Knall, J. 81300
Bieger, J. *see* Kleine, U. 80142
Biehe Sun *see* Sun Biehe
Biehl, G., Remme, R. Optimisation of multiple array PLDs (Programmable Logic Devices) 92113
Biehlig, W. *see* Lederer, F. 94155
Bielas, M.S., Taylor, W.L. Progress in interferometric fiber optic gyroscopes for space inertial reference units 76030
Bielawski, S., Derozier, D., Glorieux, P. Control of laser chaos 50728
Bielawski, W.J. *see* Hornbach, B.H. 58259
Bielecki, M. *see* Schukat-Talamazzini, E.G. 84123
Biem, A., Katagiri, S. Feature extraction based on minimum classification error/generalized probabilistic descent method 84028
Biemond, J. *see* Belfor, R.A.F. 84763
Biemond, J. *see* Bosveld, F. 86733
Biemond, J. *see* Kleihorst, R.P. 57770
Biemond, J. *see* Kleihorst, R.P. 85009
Biemond, J. *see* Koch, S. 84818
Bien, Z. *see* Hak-yeong Chung 89466
Bien, Z. *see* Han, D. 84597
Bien Zeungnam *see* Zeungnam Bien
Biendenbender, M. *see* Kobayashi, K.W. 80794
Bieniosek, F.M., Anderson, K. Lithium lens for focusing protons on target in the Fermilab antiproton source 76423
Bienstock, D., Gunluk, O. A degree sequence problem related to network design 65102
Bienvenu, G. *see* Rendas, M.J.D. 88827
Bienz, T. *see* Abe, K. 88115
Bienz, T. *see* Antilogus, P. 59064
Bienz, T. *see* Antilogus, P. 59127
Bier, V.M. *see* Azaiez, M.N. 91231
Bierbrauer, J., Johansson, T., Kabatianskii, G., Smeets, B. On families of hash functions via geometric codes and concatenation 73765
Biereichel, P. *see* Finger, G. 58785
Bierens, L. Real-time SAR activities at TNO Physics and Electronics Laboratory 77681
Bierhoff, R., Strauss, L., Harig, H.-D. Outlook on the future collaboration between the electricity utilities in Europe 68126
Bieri, R.L. Parametric studies for recirculating induction accelerators as drivers for heavy-ion fusion 66803
Bieri, R.L. *see* Schoenung, S.M. 78839
Bierlaire, P. *see* Silber, C. 77643
Bierlein, J.D. *see* Sundheimer, M.L. 63710
Bierlein, J.D. *see* Sundheimer, M.L. 82623
Bierman, G.S. *see* Hong, L. 57468
Biermann, W.-D., Greving, G., Landstorfer, F., Theobald, M., Zeitz, R., Zhu, N.Y. Examples of deterministic calculations of antenna radiation in a real environment with the aid of the UTD method 57208
Biernacki, P., Hjelme, D.R., Kuang Yi Chen, Yadlowsky, M., Mickelson, A.R. Electro-optical sampling for high frequency electric circuits 82876
Biernacki, P., Kuang Yi Chen, Hjelme, D.R., Mickelson, A.R. Determination of electrode currents from electro-optical sampling measurements 98250
Biernacki, R.M. *see* Bandler, J.W. 49051
Biernacki, R.M. *see* Bandler, J.W. 70840
Biernacki, R.M. *see* Bandler, J.W. 80638
Biernacki, R.M. *see* Bandler, J.W. 92486
Biernacki, R.M. *see* Bandler, J.W. 92538
Biernat, J. The effect of compensating faults models on NMR system reliability 69647
Biersack, J.P. *see* Menyhard, M. 93032
Biesen, L.P.Van *see* Van Biesen, L.P.
Biesen, L.van *see* van Biesen, L.
Biest, O.Van der *see* Van der Biest, O.
Biester, M. *see* Glauner, M. 86054
Bieszczad, A. *see* White, T. 58191
Bieth, C. *see* Joubert, A. 76318
Bietz, H. *see* Vorlander, M. 77747
Bievre, P.De *see* De Bievre, P.
Biey, M., Hasler, M., Lojacono, R., Premoli, A. Fast and accurate time-domain analysis of piecewise-linear dynamics circuits: the computer program PILA 70262
Biezad, D.J. *see* Hwei-Lan Chou 59473
Biezen, W.A.C. *see* de Haan, G. 74316
Biffi Gentili, G., Gori, F., Lachi, L., Leoncini, M. A dipole-type intracavitary hyperthermic applicator with a metallic reflector: experiments and theoretical analysis 53449
Biffi Gentili, G., Leoncini, M., Vivoli, M. FDTD analysis of SAR distribution produced by interstitial hyperthermic applicators 77056
Bigan, E. *see* Brown, G.J. 71179
Bigan, E. *see* Diaz, J. 79903
Bigan, E. *see* Sun, C.J. 69976
Bigelow, C., Holmes, K. The design of a Unicode font 64276
Bigelow, J. *see* Kusnadi 69750
Bigelow, J.M., Leburton, J.-P. Self-consistent simulation of quantum transport in dual-gate field-effect transistors 81962
Bigelow, T.S. *see* Hoffman, D.J. 49616
Bigeon, J. *see* Ahrens, S. 90511
Bigeon, J. *see* Delamare, J. 83527
Bigeon, J. *see* Francois, F. 79251
Bigeon, J. *see* Gerbaud, L. 90499
Bigeon, J. *see* Gerbaud, L. 90567
Bigger, J., Stokes, K. PV-powered water pumping as a utility service: a utility-customer-industry demonstration 99999
Bigger, J. *see* El-Gasseir, M.M. 100003
Bigger, J. *see* Oakey, R.P. 60834
Biggeri, U., Borchi, E., Bruzzi, M., Li, Z., Lazanu, S. Studies of deep levels in high resistivity silicon detectors irradiated by high fluence fast neutrons using a thermally stimulated current spectrometer 88056
Biggeri, U., Borchi, E., Bruzzi, M., Li, Z., Lazanu, S. Studies of deep levels in high resistivity silicon detectors irradiated by high fluence fast neutrons using a thermally stimulated current spectrometer 98598
Biggins, B.B. Fire protection considerations when switching fuels 89591
Biggs, H.C. *see* Zimmerman, R.A. 77559
Biggs, J.D., Blessinger, M.A., Louderback, M.L. A 256×256 pixel InSb FPA for SIRTF and other astronomical applications 58850
Biggs, J.D. *see* Blessinger, M.A. 58849
Biggs, P.J. *see* Entine, G. 59409
Biggs, P.J. *see* Nath, R. 77051
Bigio, I. *see* Zuclich, J.A. 67464
Bigler, E. *see* Hoummady, M. 98323
Bigliardi, S., Chioato, E., Necchi, R., Freddi, E., Berthold, G. Optical polarization of hot-carrier photon emission from AlGaAs/GaAs HEMTs 56005
Biglieri, E., Caire, G. Power spectrum of block-coded modulation 57366
Biglieri, E., Caire, G. Symmetry properties of multilevel coded modulation 95196
Biglieri, E., Caire, G., D'Aria, G. Blind identification of terrestrial microwave radio channels 86072
Biglieri, E., Volski, V. Approximately Gaussian weight distribution of the iterated product of single-parity-check codes 64269
Biglieri, E. *see* Taricco, G. 75376
Biglieri, E. *see* Visintin, M. 51305
Bigloo, A.M.Y., Gulliver, T.A., Wang, Q., Bhargava, V.K. A robust rate-adaptive hybrid ARQ scheme for frequency-hopped spread-spectrum multiple-access communication systems 75205
Biglov, Z.A., Gordienko, V.M., Danilov, E.O., Slobdanyuk, V.A., Fefelov, A.P., Khomenko, S.I., Shestakov, A.V. High-pressure CO_2 amplifier pumped by a YSGG:Cr,Er laser 56636
Biglov, Z.A. *see* Belyaev, V.S. 94405
Bigmore, D.J. *see* Viveash, J.P. 67672
Bignall, P. *see* McMahon, T. 88013
Bignall, P.B. *see* McMahon, T. 88003
Bignell, A.M. *see* Todd, T.D. 51842
Bigo, S., Desurvire, E., Desruelle, B. All-optical RZ-to-NRZ format conversion at 10 Gbit/s with nonlinear optical loop mirror 97313
Bigo, S., Desurvire, E., Gauchard, S., Brun, E. Bit-rate enhancement through optical NRZ-to-RZ conversion and passive time-division multiplexing for soliton transmission systems 65784
Bigongiari, A. *see* Conti, M. 59206
Bigorgne, D., Boeffard, O., Cherbonnel, B., Emerard, F., Larreur, D., Le Saint-Milon, J.L., Metayer, I., Sorin, C., White, S. Multilingual PSOLA text-to-speech system 73877
Bigorgne, F. *see* Demuynck, L. 70114
Bigu, J., Elliott, J. An instrument for continuous measurement of ^{220}Rn (and ^{222}Rn) using delayed coincidences between ^{220}Rn and ^{216}Po 53331
Bigun, J. *see* Ayer, S. 57791
Bihain, A. *see* Astic, J.Y. 77843
Bihain, A. *see* de Wergifosse, C. 53671
Biham, E. *see* Ben-Aroya, I. 73756
Bihan, D.Le *see* Le Bihan, D.
Bihan, J.Le *see* Le Bihan, J.
Bihong Guo, Qisheng Li, Qiang Gao, Hanhua Zhang, Jijun Song The research of partial discharge measurements at ultra high frequency in GIS 100410
Bihong Guo *see* Guo Bihong
Bihua Huang *see* Huang Bihua
Biing-Jye Lee *see* Jyh-Feng Lin 72624

Biing-Jye Lee *see* Jyh-Feng Lin 94292
Biing-Ren Jih *see* Tyson Lin 50745
Biino, C. *see* Fanti, V. 76788
Biino, C. *see* Harr, R. 88209
Bijaoui, A. *see* Starck, J.-L. 57743
Bijker, H.J. *see* van Slooten, J. 54394
Bijleveld, J. *see* Noomen, J.G. 76500
Bijnens, B., Herregods, M.-C., Nuyts, J., Vandeweghe, G., Suetens, P., Van de Werf, F. Acquisition and processing of the radio-frequency signal in echocardiography: a new global approach 59284
Bijnens, N. *see* Vermeeren, L. 98485
Bijoy Kumar Kuanr, Srivastava, G.P. Dispersion observed in electrical properties of titanium-substituted lithium ferrites 63204
Bijwe, P.R., Kothari, D.P., Arya, L.D. Overload ranking of line outages with post-outage corrective rescheduling 89093
Bikas Maiti *see* Ming-Yin Hao 49827
Bikdash, M., Nayfeh, A., Mili, L. Efficient computation of the stability boundary for a machine connected to a quasi-infinite busbar 77858
Biki, M.A., Brodovoi, E.N., Bryantsev, A.M., Leites, L.V., Lur'e, A.I., Chizhevskii, Yu.L. Electromagnetic phenomena in high-power controlled reactors 90087
Bikmatov, R.R., Grishin, M.P., Kurbanov, S.M., Markelov, V.P., Oleyniknov, B.I., Svyatoslavsky, N.L., Svyatoslavskaya, T.A. An automated microdensitometer complex for analysis of halftone photographic images 58630
Bilange, E. *see* McGlashan, S. 51423
Bilbao, E.Z. *see* Pinheiro Filho, J.D. 98654
Bilbro, G.L., Shin, M.W., Trew, R.J., Riddle, A.N. Model-based comparison of RF noise in oscillating diamond and SiC MESFETs 62897
Bilbro, G.L. *see* Shin, M.W. 62895
Bilbro, G.L. *see* Shin, M.W. 81936
Bilei, G. *see* Battiston, R. 53350
Bilei, G.M. *see* Adam, A. 88087
Bilei, G.M. *see* Adam, A. 88102
Bilei, G.M. *see* Adriani, O. 88023
Bilen, S.G. Space-borne tethers 99032
Bilenkaya, O.B. *see* Kityk, I.V. 56879
Bilenko, I.A., Mitrofanov, V.P., Okhrimenko, O.A. Device for measuring the oscillation decay in pendulums with small energy dissipations 52755
Bilenko, V.A. *see* Burov, D.V. 89656
Biletchenko, V.P. *see* Shul'zhenko, N.G. 100057
Bilge Alp, M. *see* Onural, L. 74175
Bilgen, M., Hsien-Sen Hung Constrained least-squares filtering for noisy images blurred by random point spread function 74325
Bilgen, M., Hsien-Sen Hung Neural network for restoration of signals blurred by a random, shift-variant impulse response function 80525
Bilgen, S., Altintas, O. An approximate solution for the resequencing problem in packet-switching networks 51750
Bilger, G. *see* Hommel, D. 71282
Bilger, G. *see* Waag, A. 71284
Bilger, H.R., Stedman, G.E., Ziyuan Li, Schreiber, U., Schneider, M. Prototype of a large ring laser for geoscientific applications 88746
Bilgutay, N.M. *see* Jianqiang Xin 95451
Bilgutay, N.M. *see* Uslu, K.H. 98778
Bilicki, Z., Kestin, J. Reasons for the occurrence of spurious solutions in two-phase flow codes 89511
Bilicki, Z., Kestin, J. Critical flow and spurious solutions. I. The case of a single equation 89512
Bilicki, Z., Kestin, J. Critical flow and spurious solutions. Part II. The case of n equations 89513
Bilin Xiao *see* Xiao Bilin
Bilinski, K., Adamski, M., Saul, J.M., Dagless, E.L. Parallel controller synthesis from a Petri net specification 91729
Billan, J., Buckley, J., Saban, R., Sievers, P., Walckiers, L. Design and test of the benches for the magnetic measurement of the LHC dipoles 76350
Billan, J., Gourber, J.-P., Koutchouk, J.-P., Remondino, V. Suppression of the main LEP coupling source 66859
Billan, J., Gourber, J.P., Henrichsen, K.N. Long term magnetic performance of the steel concrete dipoles in LEP 76566
Billard, M. *see* Caldera, C. 97303
Billard, M. *see* Hourany, J. 52287
Billard, M. *see* Legros, E. 52515
Billard, M. *see* Nakajima, H. 83174
Billardon, M. *see* Couprie, M.E. 63866
Billat, A. *see* Vasseur, P. 75918
Billat, S. *see* Bellet, D. 93169
Billen, J. *see* Wangler, T.P. 76301
Billen, J.H. Radio frequency measurements and analysis codes 67065
Billen, J.H., Young, L.M. POISSON/SUPERFISH on PC compatibles 67064
Billen, K., Kelly, M.J., Lancefield, D., Gwilliam, R.M., Ritchie, D.A., Gymer, S., Jones, G.A.C., Linfield, E.H., Churchill, A.P. Proton isolation of Si δ-doped GaAs 71314
Biller, E.Z. *see* Aizatskii, N.I. 87798
Billi, D. *see* Iuculano, G. 97782
Billia, B. *see* Minari, F. 61230
Billiet, E.M. *see* Ahmad, S.R. 97435
Billings, J. *see* Lingxiong Shao 67467
Billings, S.A. *see* Aguirre, L.A. 70319
Billings, S.A. *see* Tsang, K.M. 95767
Billington, E.J. *see* Adams, P. 61111
Billinton, R. Reliability aspects of electrical power systems 89107
Billinton, R., Fotuhi-Firuzabad, M. A basic framework for generating system operating health analysis 89017
Billinton, R., Fotuhi-Firuzabad, M. Generating system operating health analysis considering stand-by units, interruptible load and postponable outages 89018
Billinton, R., Ghajar, R. Evaluation of the marginal outage costs of generating systems for the purposes of spot pricing 59720
Billinton, R., Ghajar, R. Evaluation of the marginal outage costs in electric generating systems 59871
Billinton, R., Guangbin Lian Composite power system health analysis using a security constrained adequacy evaluation procedure 78192
Billinton, R., Sankarakrishnan, A. A system state transition sampling technique for reliability evaluation 67976
Billinton, R., Sankarakrishnan, A. Adequacy assessment of composite power systems with HVDC links using Monte Carlo simulation 89200
Billinton, R., Satish, J. Predictive assessment of bulk-system-reliability performance indices 99414
Billinton, R., Tollefson, G., Wacker, G. Power system reliability worth assessment 89106
Billinton, R. *see* Allan, R.N. 59672
Billinton, R. *see* Goel, L. 53696
Billinton, R. *see* Goel, L. 77910
Billinton, R. *see* Goel, L. 78084
Billinton, R. *see* Goel, L. 78090
Billinton, R. *see* Guangbin Lian 88990
Billinton, R. *see* Tollefson, G. 59781
Billmann, J. *see* DeWinkel, C.C. 68169
Billmers, R. *see* Mullen, L. 88876
Billmers, R. *see* Mullen, L. 97437
Billon, D., Le Clerc, F., Hue, L. Detection and imaging performance of a synthetic aperture sonar 77330
Billon, T. *see* Raynaud, C. 55669
Billon, T. *see* Raynaud, C. 81370
Billon-Pierron, D. *see* Gundlach, K.H. 50401
Billonnet, L. *see* Delpino, F. 49523
Billquist, P. *see* Pardo, R.C. 76297
Bilodeau, F. *see* Hill, K.O. 86452
Bilodeau, F. *see* Hill, K.O. 97288
Bilodeau, F. *see* Kitagawa, T. 72787
Bilodeau, F. *see* Malo, B. 63443
Bilodeau, F. *see* Malo, B. 72383
Bilodeau, T. *see* Ewing, K.J. 98030
Bilski, P., Olko, P., Burgkhardt, B., Piesch, E., Waligorski, M.P.R. Thermoluminescence efficiency of LiF:Mg,Cu,P (MCP-N) detectors to photons, beta electrons, alpha particles and thermal neutrons 99012
Bilski, P. *see* Olko, P. 88607
Bimberg, D. *see* Droge, E. 75514
Bimberg, D. *see* Grundmann, M. 56809
Bimberg, D. *see* Hieronymi, F. 76001
Bimberg, D. *see* Hillmer, H. 94468
Bimberg, D. *see* Kirstaedter, N. 83054
Bimberg, D. *see* Schell, P. 94510
Bimberg, D. *see* Schnabel, R.F. 54929
Bimberg, D. *see* Srocka, B. 55566
Bimberg, D. *see* Wolf, T. 48943
Bimbo, A.Del *see* Del Bimbo, A.
Bin, P.Di *see* Di Bin, P.
Bin, S.-Y., Lin, C.-H. An implementable distributed state estimator and distributed bad data processing schemes for electric power systems 88991
Bin Cai *see* Cai Bin
Bin Cheng *see* Cheng Bin
Bin Chung Hai *see* Hai Bin Chung
Bin Guo, Hsu, A., Yun-che Wang, Kubinec, J. A 125 Mbs CMOS all-digital data transceiver using synchronous uniform sampling 97008
Bin Guo *see* Guo Bin
Bin He, Chi-Sang Poon, Yana, K., Cohen, R.J. Electrocardiographic inverse dipole solutions by means of neural networks 98906
Bin He *see* He Bin
Bin Im Ho *see* Ho Bin Im
Bin Jin Design of a PC-based intelligent instrument for electrical drives testing 97778
Bin Kim Sung *see* Sung Bin Kim
Bin Lim Seong *see* Seong Bin Lim
Bin Liu *see* Liu Bin
Bin Seo Jeong *see* Jeong Bin Seo
Bin Song, Junmei Fu Application of modified indirect boundary element method to electromagnetic field problems 57043
Bin Tian Wen *see* Tian Wen Bin
Bin Wang *see* Xiao Yang Zhang 100372
Bin Wu, Slemon, G.R., Dewan, S.B. Eigenvalue sensitivity analysis of GTO-CSI induction machine drives 69114
Bin Yang *see* Fangqing Zhang 48996
Bin Yim Kang *see* Kang Bin Yim
Bin Yuan *see* Yuan Bin
Bin Zhang *see* Zhang Bin
Bin Zhao *see* Zhao Bin
Bin Zhou, Atiquzzaman, M. Performance of output-multibuffered multistage interconnection networks under general traffic patterns 64975
Bin Zhou *see* Rao, C.R. 74082
Bin Zhu *see* De-Ling Pang 88206
Bin-Chang Chieu *see* Rong-Jian Chen 95789
Bin-Da Liu, Kai-Cheng Wei An efficient algorithm for selecting bipartite row or column folding of programmable logic arrays 70365
Bin-Da Liu *see* Jing-Jou Tang 70404
Bin-Da Liu *see* Shih-Chang Hsia 86726
Bin-Da Liu *see* Shih-Chieh Kim 86766
Bin-Juine Huang, Ho-Tsen Lee Feasibility analysis of an OTEC plant as the bottom cycle of the third nuclear power plant 68490
Bin-Kwie Chen *see* Wen-Chen Chu 89213
Bina, D. *see* Stimac, L. 67960
Binari, S.C., Dietrich, H.B., Kelner, G., Rowland, L.B., Doverspike, K., Gaskill, D.K. Electrical characterisation of Ti Schottky barriers can n-type GaN 55891
Binari, S.C., Rowland, L.B., Kruppa, W., Kelner, G., Doverspike, K., Gaskill, D.K. Microwave performance of GaN MESFETs 80661
Binari, S.C. *see* Kyono, C.S. 81813
Binasco, F. *see* Antonelli, G. 66134
Binchevici, V.A. *see* Andriesh, A.M. 58816
Bincteux, N. *see* Moreau, J.-P. 60551
Bindal, P. *see* Sharma, A. 72373
Bindas, J.A. *see* Schulman, M.B. 68887
Binder, G. *see* Schon, J.H. 90458
Binder, G.D. Group installation of motor starters 78574
Binder, H. *see* Schwalm, R. 81613
Binder, J., Kohn, U. 10 Gbit/s-dispersion optimized transmission at 1.55 μm wavelength on standard single mode fiber 50501
Binder, J.O., Kohn, U. Dispersion penalties for 10 Gbit/s optical transmission using external modulators and low chirp lasers 82605
Binder, R. *see* Indik, R. 63856
Binder, R. *see* Tsai, M.C. 80198
Binder, R. *see* Tsai, M.C. 80812
Binder, R.B. *see* Schindler, M.J. 80844
Bindilatti, V., Oliveira, N.F., Jr. Operation of a diaphragm magnetometer in a plastic dilution refrigerator, with an oscillating field gradient 52818
Binding, C., Rudin, H. A multi-dimensional view of multimedia 65118
Binding, P.A., Browne, P.J., Ji, X. A numerical method using the Prufer transformation for the calculation of eigenpairs of two-parameter Sturm-Liouville problems 48862
Bindra, S.K. *see* Srivastav, S.K. 88771
Bindslev Hansen, J. *see* Bodin, P. 94032
Binefa, X., Sanchez, J., Perez, F.X., Roca, X., Vitria, J., Villanueva, J.J. Using the defocus in optical inspection of integrated circuits 79481
Binefa, X. *see* Perez, F.X. 79480
Binetti, S. *see* Acerboni, S. 81196
Bing Jiang *see* Kirkman, G. 62068
Bing Qi *see* Qi Bing
Bing Shen *see* Allegretto, W. 66268
Bing Shen *see* Allegretto, W. 87332
Bing Wang, Hellums, J.R., Sodini, C.G. MOSFET thermal noise modeling for analog integrated circuits 71814
Bing Wu *see* Wu Bing
Bing Xiao *see* Xiao Bing
Bing Zeng, Neuvo, Y. Optimal parallel stack filtering under the mean absolute error criterion 64736
Bing Zeng *see* Renxiang Li 96094
Bing Zeng *see* Reoxiang Li 84759
Bing-Fei Wu *see* Jonckheere, E.A. 83889
Bing-Kun Yu *see* Mollmann, K. 63754
Bing-Lin Gu *see* Jia-Lin Zhu 93017
Bing-Zhong Wang Exact expressions for the AC resistance and internal inductance of a lossy circular two-wire transmission line 73402
Bing-Zhong Wang, Na Zhou Time-domain modeling of the impedance boundary condition for an oblique incident perpendicular-polarization plane wave 57077
Bingchen Li *see* Yuliang Liu 50707
Bingcheng Li, Jun Shen Two-dimensional local moment, surface fitting and their fast computation 57872
Bingda Wang *see* Misra, D. 52791
Bingert, J.F. *see* Korzekwa, D.A. 63277
Bingham, J.A.C. *see* Cioffi, J.M. 96873
Bingham, W. *see* Luongo, C. 54161
Bingjing Duan *see* Duan Bingjing
Bingkun Ye *see* Ye Bingkun
Bingkun Zhou *see* Chongcheng Fan 63728
Bingkun Zhou *see* Shouhua Huang 65751
Binglin Tan *see* Tan Binglin
Binglong Zhang, Balasinski, A., Ma, T.P. Hot-carrier effects on gate-induced-drain-leakage (GIDL) current in thin-film SOI/NMOSFET's 62747
Binglong Zhang, Ma, T.P., Wang, L.K. Hot-carrier effects in accumulation-mode thin-film SOI/NMOSFET's 93458
Binglong Zhang *see* Ming-Horn Tsai 50013
Bingquan Jiang *see* Jiang Bingquan
Bingsheng He Solving a class of linear projection equations 69835
Bingye Xu *see* Xu Bingye

Bingzong Li *see* Ping Liu 55645
Binh, L.N. *see* Ja, Y.H. 82574
Binh Le Nguyen *see* Le Nguyen Binh
Bini, C., De Pedis, D., De Zorzi, G., Diambrini-Palazzi, G., Di Cosimo, G., Di Domenico, A., Gauzzi, P., Zanello, D. Fast luminosity monitor at LEP 98418
Bini, C. *see* Carugno, G. 67326
Bink, P.H.M. *see* van Geelen, A. 91602
Binkert, T. *see* Hobel, M. 66162
Binkley, D.M. Optimization of scintillation-detector timing systems using Monte Carlo analysis 59177
Binkley, D.M. Performance of non-delay-line constant-fraction discriminator timing circuits 88232
Binkley, D.M. Performance of non-delay-line constant-fraction discriminator timing circuits 98684
Binkley, D.M., Paulus, M.J., Casey, M.E., Nutt, R., Loeffler, W., Moyers, J.C., Rochelle, J.M. A custom CMOS integrated circuit for PET tomograph front-end applications 98817
Binkley, D.M. *see* Williams, B.E. 55525
Binks, R.A. *see* Sloggett, J. 56249
Binneberg, A., Buschmann, H., Neuber, J., Sporl, G. Cooling systems for HTS electronics and cryoelectronic components 93965
Binns, M.D., Clough, F.J., Garth, S.C.J. An architecture for fully integrated large scale neural networks 49599
Binns, R.J., Taylor, D., Pritchard, T.I. Testing linear macros in mixed-signal systems using transient response testing and dynamic supply current monitoring 70773
Binqian Tang *see* Tang Binqian
Binquan Zhao *see* Qin Zhang 68406
Binruo Chen *see* Chen Binruo
Binsma, J.J.M., Thijs, P.J.A., van Dongen, T., Sander-Jochem, M.J.H., Slootweg, R.W.M. Effect of barrier width on the performance of compressively strained InGaAs/InGaAsP MQW lasers 56783
Binsma, J.J.M. *see* Thiis, P.J.A. 63778
Binsma, J.J.M. *see* Tiemeijer, L.F. 50806
Bintz, W.J., McGruer, N.E. SiO_2-induced silicon emitter emission instability 62048
Biolek, D. Computer-aided analysis of linear systems with SH inputs 49070
Biolek, D. Time domain analysis of linear systems using Laplace inversion 51542
Bion, T., Corbiere, T., Musseau, O. Influence of cell structure on the SEU sensitivity of a SRAM 70469
Bion, T. *see* Doucin, B. 71580
Biquillon, C. Medical applications through Numeris, the French ISDN 96788
Biraben, F. *see* Millerioux, Y. 58619
Biraben, F. *see* Millerioux, Y. 86877
Biraben, F. *see* Nez, F. 86973
Biraben, F. *see* Touahri, D. 86883
Birattari, C. *see* Acerbi, E. 63871
Birbeck, T.P. *see* Arroyo, M.P. 76054
Birch, A. Advantages of redeployable and relocatable security systems 90882
Birch, A.P., Sapeluk, A.T., Ozveren, C.S. An enhanced neural network load frequency control technique 59757
Birch, A.P. *see* Gambe, S.M. 99687
Birch, A.P. *see* Muchayi, E. 99681
Birch, D.G.W., Shaw, I.J. Mobile communications security—private or public 65627
Birch, G.E. *see* Tajwar, S. 88510
Birch, J.R., Simonis, G.J., Afsar, M.N., Clarke, R.N., Dutta, J.M., Frost, H.M., Gerbaux, X., Hadni, A., Hall, W.F., Heidinger, R., Ho, W.W., Jones, C.R., Koniger, F., Moore, R.L., Matsuo, H., Nakano, T., Richter, W., Sakai, K., Stead, M.R., Stumper, U., Vigil, R.S., Wells, T.B. An intercomparison of measurement techniques for the determination of the dielectric properties of solids at near millimetre wavelengths 76149
Birch, J.R. *see* Meny, C. 66368
Birch, J.R. *see* Meny, C. 75969
Birch, K.G., Clayson, C.H., Pascal, R.W. A moored 'surface-following' buoy for spectral wind measurements with satellite and VHF data telemetry 99215
Birch, P.R. Risk management—a boardroom issue for the 1990s [electric utilities] 89132
Birch, T.S. *see* Baholo, B. 68517
Bird, A.J., Carter, T., Dean, A.J., Ramsden, D., Swinyard, B.M. The optimization of small CsI(Tl) gamma-ray detectors 59118
Bird, A.J., He, Z., Ramsden, D. Multi-channel readout of crossed-wire anode photomultipliers 88093
Bird, A.J. *see* Carter, T. 88047
Bird, A.J. *see* He, Z. 59225
Bird, A.J. *see* Labanti, C. 76762
Bird, A.O. The strategic application of surge protection devices to enhance power quality 60010
Bird, D. Target RCS modelling 65924
Bird, D., Corbato, S., Dai, H.Y., Elbert, J.W., Kidd, M., Kieda, D., Loh, E.C., Sokolsky, P., Sommers, P., Tang, J.K., Thomas, S.B., Wiencke, L., Zhu, Q. The calibration of the absolute sensitivity of photomultiplier tubes in the High Resolution Fly's Eye detector 98533
Bird, F. *see* Abe, K. 88115
Bird, F. *see* Antilogus, P. 59064
Bird, F. *see* Antilogus, P. 59127
Bird, F. *see* Baumbaugh, B. 59149
Bird, J. *see* Kraeutner, P. 99250
Bird, J.F. *see* Stoyanov, B.J. 69886
Bird, J.P., Ishibashi, K., Stopa, M., Taylor, R.P., Aoyagi, Y., Sugano, T. Magneto-Coulomb oscillations 55612
Bird, J.P. *see* Ochiai, Y. 81325
Bird, J.S. *see* Lixue Wu 97462
Bird, M.D., Bole, S., Eyssa, Y.M., Gao, B.J., Zhang, H., Schneider-Muntau, H.-J. Design and construction of 12-MW magnets at the NHMFL 83549
Bird, M.D., Bole, S., Eyssa, Y.M., Gao, B.J., Zhang, H., Schneider-Muntau, H.J. Design of resistive inserts for the NHMFL 45-T hybrid magnet 83547
Bird, M.D. *see* Gao, B.J. 83548
Bird, M.D. *see* Miller, J.R. 82404
Bird, P.J. *see* Keyte, G.E. 77282
Bird, T. *see* Greenham, L. 52968
Bird, T.S., Bateman, D.G. Mutual coupling between rotated horns in a ground plane 73547
Birdwell, J.D. *see* Horn, R.D. 90479
Birello, G. *see* Rivetti, A. 97971
Birer, A. *see* Cathignol, D. 98935
Birge, R.R. Protein-based three-dimensional memory 71014
Biringer, P.P. *see* Chen, Q. 83514
Biringer, P.P. *see* Qiushi Chen 73232
Biringer, P.P. *see* Qiushi Chen 83505
Biriukov, A.S., Bogatyrjov, V.A., Dianov, E.M., Khitun, A.G. Calculation of the thickness of a metal coating for a fibre produced by the freezing technique 56336
Birk, Ch. *see* Herbst, T.M. 66429
Birk, R.J., McCord, T.B. Airborne hyperspectral sensor systems 88683
Birk, R.J., McCord, T.B. Airborne hyperspectral sensor systems 88749
Birke, U. Transmission of the useful signals in the GSM fixed network: methods, components, measurement technology 75228
Birkeland, D. *see* Askne, J. 67877
Birkett, C.M. *see* Scott, R.F. 88739
Birkfeld, M., Hempel, K.A. A device for measuring the magnetic properties of ring specimens at high frequencies 63247
Birkhofer, A., Reichenbach, D. Germany's technical assistance to improve NPPs' safety in Central and Eastern Europe 68404
Birkinshaw, K. Advances in multi-detector arrays for mass spectrometry—a LINK (JIMS) project to develop a new high specification array 98708
Birkl, J., Hasse, P., Lahlmann, P. System-suited application of divertors in low-voltage networks 99776
Birkmaier, C.J. An open architecture for digital communication systems 85782
Birkmire, R.W. *see* Russell, T.W.F. 90440
Birkmire, R.W. *see* Verma, S. 100498
Birkmire, R.W. *see* Yamanaka, S. 100663
Birks, E. *see* Sternberg, A. 56100
Birks, T.A., Russell, P.St.J., Pannell, C.N. Low power acousto-optic device based on a tapered single-mode fiber 72500
Birmingham, W.P. *see* Daga, A.J. 92135
Birnbaum, I. *see* Debiak, T.W. 76588
Birnbaum, I.A. *see* Lehrman, I.S. 71022
Birnbaum, M. *see* Spariosu, K. 56700
Birnbaum, M. *see* Spariosu, K. 63731
Birnbaum, M. *see* Yen-Kuang Kuo 56822
Birnbaum, M. *see* Yen-Kuang Kuo 94400
Birnie, D.P., III *see* Lee, S.C. 56109
Birnie, D.P., III *see* Teowee, G. 56133
Biro, K. *see* Radulescu, M.M. 54196
Biro, L.P., Gyulai, J., Bogen, S., Frey, L., Ryssel, H. Investigation of the effect of altered defect structure produced by photon assisted implantation on the diffusion of As in silicon during thermal annealing 49859
Biro, O., Maurer, W. Influence of fast magnetic pulses on the superconducting magnet test facility TOSKA 82494
Biro, O., Preis, K. Computation of three-dimensional nonlinear eddy currents 51034
Biro, O., Preis, K., Richter, K.R., Aigner, B., Schuchlenz, W.H., Nix, E. FEM computation of the forces on the arc of a DC-furnace 90652
Biro, O. *see* Bardi, I. 51195
Biro, O. *see* Bardi, I. 83433
Biro, O. *see* Preis, K. 49681
Biro, O. *see* Preis, K. 79738
Birocheau, C. *see* Hassine, L. 63831
Birolini, A. *see* Steiner, F.P. 79168
Birolini, A. *see* Wuchen Wu 61516
Birrer, P. *see* Nagamine, K. 76397
Birsa, R. *see* Martin, A. 67356
Birtcher, C.R., Balanis, C.A., Vokurka, V.J. RCS measurements, transformations, and comparisons under cylindrical and plane wave illumination 52618
Birtcher, C.R. *see* Hashemi-Yeganeh, S. 73420
Birtola, S.R. *see* Tichenor, D.A. 81591
Birtwhistle, D., Nunn, G. A high-current, plain-break SF_6 interrupter for 24 kV switch disconnectors 90239
Birtwistle, J.K. *see* Wright, C.D. 75874
Biryuk, N.D. A method of complex amplitudes and its generalisation in the theory of electric circuits 70261
Biryukov, A.V., Prokof'eva, L.A., Fadeeva, N.E., Khutoretskii, V.M. Microprocessor measuring and control equipment with a pulsed sensor 69086
Biryukov, S.V., Polevoi, V.G. Effective-dielectric-constant method for the problem of wave diffraction by a close-spaced dielectric grating 64130
Biryukov, V. *see* Carrigan, R.A., Jr. 59039
Biryulin, Yu.F., Karyaev, V.N., Lepekhin, O.F. Universal two-function negative-electron-affinity photocathode with a highly stable photoemission quantum yield 92866
Biryulin, Yu.F., Karyaev, V.N., Makarova, T.L., Petrikov, V.D., Shul'bakh, V.A. Antireflection treatment of GaAsSb(Ge) two-function photocathodes with negative electron affinity 81129
Biryulin, Yu.F., Kruglov, E.M., Semenov, V.V., Chichikalyuk, Yu.A. The possibility of a photodetector based on a two-function photomultiplier with a negative-electron-affinity photocathode and a highly stable SiC light-emitting diode 87197
Bisaka, Y., Kurahashi, M., Shirotori, A., Onodera, T., Saito, M., Kawaharata, S., Gokaya, K., Houji, T., Tsuruta, K., Hisada, I., Hagiwara, H., Fukase, Y. Media integrated ATM-LAN system for Mitsubishi Heavy Industries, Ltd 96747
Bisaro, R. *see* Olivier, J. 79838
Biscaglia, V. *see* Barretta, L. 78094
Biscardi, R. *see* Thomas, M.G. 67234
Biscari, C. *see* Bassetti, M. 76544
Bisceglie, M.di *see* di Bisceglie, M.
Bischel, W.K. *see* Faris, G.W. 94385
Bischof, C., Carle, A., Corliss, G., Griewank, A. ADIFOR: automatic differentiation in a source translator environment 69857
Bischof, C., Xiaobai Sun, Lang, B. Parallel tridiagonalization through two-step band reduction 54769
Bischof, L. *see* Adams, R. 64783
Bischof, T., Juptner, W. Determination of the absolute order of one component of the surface displacement, due to the evaluation of two interferograms of the specimen recorded under different loads 76195
Bischof, W. Variable impedance tuner for MMIC's 61956
Bischof, W.F. *see* Pearce, A. 84636
Bischoff, J., Henke, W., van der Werf, J., Dirksen, P. Simulations on step and scan optical lithography 71532
Bischoff, J.-C., Perny, B. OTDR measurements on fibre ribbons: backscattering trace dependence on the polarisation state of light 50465
Bischoff, J.L. *see* Diani, M. 49883
Bischoff, M., Brendel-Wagner, S., Kiefer, B., Pagnia, H. Silicon Schottky diode as a source of visible light 72569
Bischoff, M., Kiefer, B., Pagnia, H., Riesner, S. Electroluminescence spectra from silicon devices 72623
Bischoff, M. *see* Horn, J. 81558
Bischoff, S. *see* Abdullaev, F.K. 56344
Bisci, J. Transformer basics. I. Insulation systems and materials 70956
Bisci, J. Part III: transitioning to IEC 950 and EN 60950 [transformers] 80941
Bisci, J. Transformer basics. Part II. Toroidal vs laminated construction 100203
Bisdikian, C., Patel, B., Schaffa, F., Willebeek-LeMair, M. Dynamic reconfiguration of hub-based networks 74918
Bisdikian, C., Tantawy, A.N. A mechanism for implementing preemptive priorities in DQDB subnetworks 52148
Bisdikian, C. *see* Matragi, W. 64950
Bisdikian, C. *see* Matragi, W. 64951
Bisdikian, C.C. The random N-policy 65019
Bisdikian, C.C. *see* Tantawy, A.N. 65042
Bisello, D., Wyss, J., Zdarko, R. The dependence of pulse height on anode diameter and gas composition in limited steamer tubes 59138
Bisello, D. *see* Amidei, D. 98639
Bisello, D. *see* Bacchetta, N. 76768
Bisello, D. *see* Bacchetta, N. 88106
Bisello, D. *see* Bacchetta, N. 93447
Biserni, M. *see* Frontera, F. 76828
Bisgaard, N. *see* Dyrlund, O. 59411
Bisgaard, N. *see* Henningsen, L.B. 59410
Bishay, M., Peters, R.A., II, Kawamura, K. Object detection in indoor scenes using log-polar mapping 95807
Bishop, A., Feakes, K.L., Pettitt, A. An intelligent HF squelch 97015
Bishop, C.J. Some homeomorphisms of the sphere conformal off a curve 91236
Bishop, C.M. Neural networks and their applications 61857
Bishop, D. *see* Wait, G.D. 67165
Bishop, D. *see* Waters, G. 67229
Bishop, D.G. *see* Somers, M.L. 99287
Bishop, D.M. New architectures for broadband digital networks 86320
Bishop, E. *see* Carbonara, J. 68698

Bishop, E.J. Competition for electronic superhighways in the Pacific 96315
Bishop, G. *see* Azuma, R. 87395
Bishop, G.J., Walker, I.K., Russell, C.D., Kersley, L. Total electron content and scintillation over northern Europe 73331
Bishop, G.J. *see* Coco, D.S. 73333
Bishop, J. *see* Ossenbrink, H.A. 100718
Bishop, K.P. *see* Kyrazis, D.T. 94839
Bishop, M. *see* Baggaley, A. 56904
Bishop, M.T., Foster, J.D., Down, D.A. The application of single-phase voltage regulators on three-phase distribution systems 78104
Bishop, M.T., Jones, A.G., Israel, W.F. Overcurrent protection alternatives for underground distribution systems 89230
Bishop, M.T. *see* Andrews, D. 54270
Bishop, M.T. *see* Mendis, S.R. 68038
Bishop, O. Circuits by design [circuit analysis and simulation techniques] 91806
Bishop, P.J., Daniels, M.E., Ridley, B.K., Ritchie, D.A., Jones, G.A.C., Hill, G. Transient photoconductivity in a wide AlGaAs barrier 62288
Bishop, P.J. *see* Daniels, M.E. 62275
Bishop, P.J. *see* Mills, R.J. 62302
Bishop, R. *see* Williams, D. 88671
Bishop, S.G. *see* Gu, S.Q. 56526
Bishop, S.G. *see* Reuter, E.E. 82812
Bishop, S.R. *see* Littlehales, P.A. 58703
Bisi, M. *see* Bertinetto, F. 86884
Bisio, G.M. *see* Raffo, L. 80538
Biskup, T. *see* Kaczmarczyk, Z. 100238
Bisoffi, G. *see* Grieser, M. 76310
Bisognano, J. *see* Liu, H. 66989
Bisognano, J. *see* Liu, H. 83184
Bisognano, J.J. *see* Krafft, G.A. 76507
Bisognano, J.J. *see* Merminga, L. 87873
Bisognano, J.J. *see* Rui Li 87801
Bisognano, J.J. *see* Schneider, W.J. 76709
Bisognano, J.J. *see* Sereno, N.S. 87902
Bisognano, J.J. *see* Zenghai Li 66894
Biss, D., Schautt, M., Walz, M.F. Robust control of a 1.5 MW free turbine with complex load: nonlinear closed loop simulations 60101
Biss, D. *see* Klumpyan, J.P. 89696
Bisschop, J. *see* Roks, E. 87287
Bisschop, J. *see* Toren, W.J. 87285
Bisschop, J. *see* Toren, W.J. 87286
Bisseling, H., Den Hartog, J., Schrijver, B. Enhanced IN for personal communications 96859
Bissell, P.R. *see* Tomka, G.J. 50213
Bissen, M., Rogers, G., Wood, W., Eisert, D., Kleman, K.J., Winter, W., Hochst, H. Evaluation of an optical beam-position-monitor system with closed-loop steering capabilities 87752
Bissen, M. *see* Hansen, R.W.C. 88285
Bisset, D.L. *see* de Carvalho, A. 84600
Bisson, M. *see* Othonos, A. 71074
Bissonauth, A. *see* Kamal, A.E. 51823
Bissonette, J.A., Sherburne, S.S., Ramsey, R.D. Analysing telemetry data with a GIS-based vector structure 96590
Bissonnette, L.R. *see* Hutt, D.L. 53536
Bist, A. Differential state quantization of high order Gauss-Markov process 57321
Bist, A., Jacquin, A., Podilchuk, C. Encoding of the chrominance signals in 3D subband-based video coding 85018
Bist, A. *see* Zeger, K. 51352
Bist, G. Single-source manuals 60800
Bist, K.S. *see* Jain, S.C. 76066
Bistolfi, S. *see* Manfredotti, C. 88052
Bistritz, Y., Peller, S. Immittance spectral pairs (ISP) for speech encoding 73832
Biswas, A. *see* Bhat, A.K.S. 68775
Biswas, B.N., Lahiri, P., Sinha, A.P., Mondal, D. Indirect optical injection locking of Ku-band Gunn oscillators 70879
Biswas, D.J., Nilaya, P., Sehgal, S.K., Chatterjee, U.K. Effect of longitudinal flow velocity on the emission spectrum of CO_2 lasers 82916
Biswas, G. *see* Kaul, N. 61471
Biswas, J.R. *see* Roy, C.K. 100188
Biswas, M., Pandey, A.K., Bluni, S.A., Samman, M.M. Modified chain-code computer vision techniques for interrogation of vibration signatures for structural fault detection 77758
Biswas, R., Devine, K.D., Flaherty, J.E. Parallel, adaptive finite element methods for conservation laws 48874
Biswas, R. *see* Ozbay, E. 81522
Biswas, S.K. *see* Chakraborty, C. 68604
Biswas, S.N. *see* Ghatak, K.P. 83337
Bitan, S., Etzion, T. On constructions for optimal optical orthogonal codes 73642
Bithell, E.G. *see* Brown, P.D. 79830
Bithell, E.G. *see* Brown, P.D. 81313
Bitmead, R.R. *see* Crisafulli, S. 95483
Bitmead, R.R. *see* Sherman, P.J. 84439
Bitner, J., Jain, J., Abadir, M., Abraham, J.A., Fussell, D.S. Efficient algorithmic circuit verification using indexed BDDs 70372
Bito, Y. *see* Taniguchi, Y. 53394
Bitran, G.R., Gilbert, S.M. Co-production processes with random yields in the semiconductor industry 69547
Bitterfeld, G. *see* Blicblau, A. 69392
Bitterman, D., Wilson, D. A compact CTD system with programmable controller for obtaining in situ water samples 77548
Bittihn, R. *see* Bayer, W. 59835
Bittner, B.J., Sr. Anomalies in HF noise levels for 1992 83716
Bityukov, S. *see* Badier, J. 87982
Bityurin, A.K., Sobol', S.V. Software for engineering calculations of the temperature and seepage regime of hydro developments under permafrost conditions on a personal computer 78492
Bivol, V.V. *see* Andriesh, A.M. 93094
Bivona, S. *see* Shaw, P.S. 81130
Bixio, A., Gagliardi, P., Marin, M., Moz, S., Sciutto, W., Terzi, F., Zoni, G. Large scale production at Ansaldo of 352 MHz niobium coated LEP-CERN cavities: development activities and first results 67142
Bixler, J.V. *see* Hailey, C.J. 59245
Bixon, M. *see* Jortner, J. 55495
Biyari, K.H., Lindsey, W.C. Binary communications through noisy, non-Gaussian channels 74161
Biyari, K.H., Lindsey, W.C. A quasi-moment approach for the analysis of noncoherent communications over complex non-Gaussian fading channels 74217
Biyari, K.H. *see* Al-Naser, U.M. 51106
Bizais, Y. *see* Guedon, J.-P. 88365
Bizek, H., Crosbie, E., Lessner, E., Teng, L. Establishment of a tolerance budget for the Advanced Photon Source storage ring 67238
Bizeul, J.C. *see* Le Noane, G. 86513
Bizhen Dong *see* Guozhen Yang 57747
Bizheng Xie *see* Dingquan Xiao 56099
Bizzarri, R. *see* Bagnaia, P. 53349
Bizzeti, A. *see* Akimov, V. 53300
Bizzeti, A. *see* Arefiev, A. 88007
Bjarklev, A. *see* Rasmussen, T. 52586
Bjarklev, A. *see* Rasmussen, T. 57181
Bjarklev, A. *see* Rasmussen, T. 73443
Bjarklev, A. *see* Svalgaard, M. 82624
Bjarklev, A. *see* Wang, Y.H. 94921
Bjarnason, E. Analysis of the filtered-X LMS algorithm 84312
Bjelkhagen, H.I., Vukicevic, D. Investigation of silver halide emulsions for holography 56954
Bjerde, K.W., Solberg, A.H.S., Solberg, R. Oil spill detection in SAR imagery 77674
Bjerde, K.W. *see* Huseby, R.B. 99137
Bjerde, K.W. *see* Kiuru, A. 67479
Bjerkan, L. *see* Royset, A. 56742
Bjerkelund, C., Tittley, B. Current RDDP activities in oceanography 88819
Bjerle, P. *see* Lindahl, O.A. 88360
Bjerler, J. *see* Svantesson, I. 99906
Bjerring, L.H., Schneider, J.M. End-to-end service management with multiple providers 96506
Bjerring, L.H., Tschichholz, M. Requirements of inter-domain management and their implications for TMN architecture and implementation 96500
Bjontegaard, G. Digital television based on MPEG2: Activity in Norway 86714
Bjork, C. *see* Andersson, M. 59751
Bjork, G., Karlsson, A., Yamamoto, Y. Definition of a laser threshold 83208
Bjorkengren, U. *see* Smith, L. 62378
Bjorkhage, M. *see* Beebe, E. 53173
Bjorkhage, M. *see* Beebe, E. 67263
Bjorkhage, M. *see* Pikin, A.I. 53151
Bjorkheim, O., Robinson, L.J., Blackinton, G., Jubinski, P. "Inverted" acoustic navigation system also measurers sound speed at towed vehicle 99147
Bjorkholm, J.E. *see* Tichenor, D.A. 81591
Bjorklund, G. *see* Kim, D.Y. 63960
Bjorklund, G.C. *see* Stankus, J.J. 94666
Bjorklund, H. *see* Carlsson, L. 59907
Bjorkman, C.H. *see* Yasuda, T. 93177
Bjorkman, N., Latour-Henner, A. High time-resolution cell loss measurements of mixed CBR and VBR traffic: Experiments carried out on RACE BIPED and RACE PARASOL demonstrators 96416
Bjornbom, P. *see* Lundblad, A. 68991
Bjorneklett, A. *see* Kristiansen, H. 88214
Bjornholm, T. *see* Garnaes, J. 71013
Bjornholm, T. *see* Sommer-Larsen, P. 55496
Blaabjerg, F., Jaeger, U., Munk-Nielsen, S., Pedersen, J.K. Power losses in PWM-VSI inverter using NPT or PT IGBT devices 100288
Blaabjerg, F., Pedersen, J.K. Digital implemented random modulation strategies for AC and switched reluctance drives 90574
Blaabjerg, F., Pedersen, J.K., Madsen, K.D., Rasmussen, K.F. An advanced microprocessor based temperature controlled heatsink 80134
Blaabjerg, F., Pedersen, J.K., Thogersen, P. Improved modulation techniques for PWM-VSI drives 100861
Blaabjerg, F. *see* Kjaer, P.C. 68569
Blaabjerg, F. *see* Pedersen, J.K. 90527
Blaabjerg, F. *see* Trzynadlowski, A.M. 68780
Blaabjerg, F. *see* Trzynadlowski, A.M. 90529
Blaauw, C. *see* Chunmeng Wu 56757
Blaauw, C. *see* Lu, H. 56763
Blaauw, C. *see* Lu, H. 94496
Blaauw, E. The contribution of prosodic boundary markers to the perceptual difference between read and spontaneous speech 84152
Blabla, J. *see* Balling, P. 83238
Blach, R. *see* Owens, D.H. 57474
Blach, T.P., Gray, E.MacA. A Faraday magnetometer for studying interstitially modified ferromagnets 98268
Blache, K.M., Shrivastava, A.B. Defining failure of manufacturing machinery and equipment 54442
Black, C. *see* Uhrig, R.E. 68389
Black, D. *see* Andresen, J. 88067
Black, D. *see* Larson, D.J., Jr. 91419
Black, D.R. *see* Casagrande, L.G. 91420
Black, J.F., Valentini, J.J. Compact, high-gain pulsed dye amplifier for weak cw sources 72707
Black, J.F., Valentini, J.J. Development of a single-longitudinal-mode, high-peak-power, tunable pulsed dye laser 82962
Black, M.F. Design of a search based PLL 49208
Black, M.J., Rangarajan, A. The outlier process: unifying line processes and robust statistics 84788
Black, P.J., Meng, T.H.-Y. Hybrid survivor path architectures for Viterbi decoders 70613
Black, P.J., Meng, T.H.-Y. A 1 Gb/s, 4-state, sliding block Viterbi decoder 71813
Black, Q.R., Wood, J.F., Sherrill, W.M. Mode angles of arrival at 55 to 3500 km range 75680
Black, R.C. *see* Wellstood, F.C. 97906
Black, R.D., Roemer, P.B., Mueller, O.M. Electronics for a high temperature superconducting receiver system for magnetic resonance microimaging 59270
Black, R.J., Jepson, A. Estimating multiple independent motions in segmented images using parametric models with local deformations 96076
Black, T. The current state of mobile communications in Europe 52428
Black, T.D. *see* Magnusson, R. 55365
Black, W.C., Jr., Stephens, D.N. CMOS chip for invasive ultrasound imaging 92425
Black, W.T. Copper−energy efficient metal that communicates 80943
Black, W.Z., Woodruff, G.W., Kovalchik, P.G., Duda, F.T. Ampacities of power cables wound on reels 78127
Blackard, K.L. *see* Feuerstein, M.J. 86096
Blackband, S.J., Chakrabarti, I., Gibbs, P., Buckley, D.L., Horsman, A. Fingers: three-dimensional MR imaging and angiography with a local gradient coil 76904
Blackband, S.J. *see* O'Dell, W.G. 98862
Blackburn, D.C., Jr. *see* Ball, G.J. 78722
Blackburn, D.L. Status and trends in power semiconductor devices 81753
Blackburn, D.L. *see* Hefner, A.R. 80051
Blackburn, J. *see* Pinney, C. 66307
Blackburn, J. *see* Seidler, W. 82077
Blackburn, S.R. A generalisation of the discrete Fourier transform: determining the minimal polynomial of a periodic sequence 95211
Blacker, T.D. *see* Belytschko, T. 48843
Blackford, D.B., Grant, D.C. Evaluating a novel liquid-borne particle counter based on interferometry. 1 66718
Blackford, D.B., Kerrick, T.A., Schumann, G. The measurement of nonvolatile residue in high-purity water and clean liquids 98344
Blackinton, G. *see* Bjorkheim, O. 99147
Blacknell, D., Oliver, C.J. Recognizing chaos in radar images 86542
Blacksmith, R.F. *see* Szmanda, C.R. 81636
Blackwell, D.A. *see* Cohn, M. 80833
Blackwell, M. *see* Dowling, K. 53488
Blackwell, M. *see* Pfiester, J.R. 70482
Blackwell, P. The efficient estimation of tail probabilities for extremes of moving average processes using conditional simulation 79563
Blackwood, D.H.R. *see* Glabus, M.F. 53433
Blad, B., Lindstrom, K., Bertenstam, L., Persson, B.R.R., Holmer, N.-G. A current injecting device for electrical impedance tomography 67572
Bladow, J.K. *see* Kezunovic, M. 78225
Bladt, E. *see* van der Wel, W. 93582
Bladt, E.P.M. *see* Hurkx, G.A.M. 93581
Bladt, M. *see* Asmussen, S. 79548
Bladyko, V.M., Sonchik, L.I., Balakirev, M.V. Calculation of losses in cold-rolled textured electrical steel 54978
Blaes, B.R., Buehler, M.G. SEU/SRAM as a process monitor 49439
Blaes, B.R., Buehler, M.G. SEU/SRAM as a process monitor 82070
Blaes, B.R. *see* Buehler, M.G. 62980
Blaeser, P. New mapboard concepts for electric operations 78108
Blaesing, J. *see* Schoenfeld, O. 92931
Blaesner, W. Charging control for nickel-metal-hydride batteries by voltage-sensing integrated circuit 100437
Blag, C. *see* Ariztizabal, F. 98518
Blagoveshchenskii, A.Ya., Leont'eva, V.L., Mitryukhin, A.G., Paramonova, I.L. The use of natural circulation of coolant in systems for heat removal from reactor cores 53902
Blaha, G., Gerig, S.R. Accurate navigation of industrial mobile robots 64048

Blahak, E. Official radiological evaluation of computer tomographs 67473
Blahut, D.E., Nichols, T.E., Schell, W.M., Story, G.A., Szurkowski, E.S. The AT&T interactive consumer video services platform 86775
Blaikie, R.J., Fraboni, B., Cleaver, J.R.A., Ahmed, H. A low temperature EBIC study of quantum wires fabricated in GaAs/AlGaAs heterostructures using ion-implanted gates 81310
Blaikie, R.J. *see* Nakazato, K. 61691
Blain, M.G., Tipton, G.D., Holber, W.M., Selwyn, G.S., Westerfield, P.L., Maxwell, K.L. Particle behaviour in an electron cyclotron resonance plasma etch tool 71394
Blaine, L.G., Drexel, P.G. An experimental study of communication in a datagram mesh simulator 85811
Blair, C. *see* Shahidi, G.G. 71790
Blair, C. *see* Shahidi, G.G. 71797
Blair, D.E. *see* Chartier, V.L. 78158
Blair, D.E. *see* Chartier, V.L. 89317
Blair, D.G. *see* Fisk, P.T.H. 86912
Blair, D.G. *see* Luiten, A.N. 80669
Blair, D.G. *see* Peng, H. 66293
Blair, D.G. *see* Peng, H. 87097
Blair, G.S. *see* Cheverst, K. 52107
Blair, G.S. *see* Coulson, G. 58134
Blair, G.S. *see* Coulson, G. 65151
Blair, G.S. *see* Davies, N. 75241
Blair, H.D. *see* Tsung-Yu Pan 70986
Blair, J. Histogram measurement of ADC nonlinearities using sine waves 61779
Blair, N. *see* Gardner, J.W. 58880
Blair, R. *see* Badgett, W. 74345
Blair, W.D., Groves, G.W., Bar-Shalom, Y., Daeipour, E. Frequency agility and fusion for tracking targets in the presence of multipath propagation 75531
Blair, W.D. *see* Bar-Shalom, Y. 74014
Blair, W.D. *see* Hoffman, S.A. 73964
Blair, W.D. *see* Watson, G.A. 75597
Blair, W.D. *see* Watson, G.A. 75605
Blais, J.C. *see* Bolbach, G. 52972
Blais, J.C. *see* Clemendot, S. 66578
Blajszczak, G. Space vector control of a unified compensator for nonactive power 68115
Blajszczak, G. Static VAr compensator with fully controlled reactors 89078
Blajszczak, G. *see* Boake, I. 68933
Blake, A. *see* Oliver, C.J. 75561
Blake, A. *see* Oliver, C.J. 75575
Blake, A. *see* Sinclair, D. 74565
Blake, A. *see* Sinclair, D. 84649
Blake, C., Kinzer, D., Wood, P. Synchronous rectifiers versus Schottky diodes: a comparison of the losses of a synchronous rectifier versus the losses of a Schottky diode rectifier 61520
Blake, H.W. *see* Lue, J.W. 82480
Blake, I.F., Shuhong Gao, Lambert, R. Constructive problems for irreducible polynomials over finite fields 69799
Blake, I.F. *see* Alencar, M.S. 75312
Blake, I.F. *see* Wong, B.C.Y. 57533
Blake, J., Kim, I.S. Distribution of relative intensity noise in the signal and quadrature channels of a fiber-optic gyroscope 98045
Blake, J. *see* Covington, C.E. 58806
Blake, J. *see* de Carvalho, R.T. 76042
Blake, J. *see* Szafraniec, B. 98021
Blake, T. *see* Karady, G.G. 99661
Blake, V. Plumbing the depths with sonar 97457
Blakemore, F.B., Davies, C., Isaac, J.G. UK energy market: an analysis of energy demands. Part I: A disaggregated sectorial approach 59855
Blakemore, F.B., Davies, C., Isaac, J.G. UK energy market: an analysis of energy demands. Part II: Application of econometric models to the UK sector 59856
Blakemore, J.S. *see* Nordquist, P.E.R., Jr. 79764
Blakeney, A. *see* Munzel, N. 81617
Blaker, G. *see* Jensen, K. 68750
Blakers, A.W. Low loss metallisation of solar cells 100483
Blakeslee, K., Sugarbroad, I. The evolution of personal computing and communications environments 86149
Blakey, P. *see* Apanovich, Y. 55859
Blamey, P.J. *see* Busby, P.A. 59414
Blamire, M.G. *see* Burnell, G. 82351
Blamire, M.G. *see* Ghyselen, B. 82382
Blamire, M.G. *see* Kirk, E.C.G. 63295
Blanar, G.J. Trends in data acquisition instrumentation 52774
Blanc, I. Measurements of high voltage impulses (400 kV): implementation of a calibration test procedure 86878
Blanc, J.-P. *see* Passard, M. 66543
Blanc, J.-P. *see* Pauly, A. 87323
Blanc, J.P. *see* Flament, O. 70769
Blanc, N. *see* Brugger, J. 66284
Blanc, S.P.Le *see* Le Blanc, S.P.
Blanc Guilhon, B. *see* Flament, S. 50422
Blanc-Feraud, L. *see* Charbonnier, P. 88460
Blanc-Guilhon, B. *see* Bernstein, P. 82380
Blanc-Guillon, B. *see* Lecoeur, P. 63285
Blanc-Mignon, M.F. *see* Jorat, L. 63206
Blanchard, A.J., Chui, C.K., Chan, A.K. Spline wavelets applied to SAR information processing 67789
Blanchard, A.J. *see* Williams, B.A. 77610
Blanchard, B. *see* Ermolieff, A. 71228
Blanchard, H. *see* Paul, E. 96849
Blanchard, J.-L., Morelle, J.-M. Overall thermal simulation of electronic equipment 90965
Blanchard, J.L., Newman, E.H., Peters, M.E. Integral equation analysis of artificial media 73284
Blanchard, N. *see* Maillot, C. 72497
Blanchard, P. *see* Szuszczewicz, E.P. 83662
Blanchard, W. *see* Stich, H. 97479
Blanchart, J. Releasing a circuit designed and manufactured on a new technology: a comprehensive graphical decision aid 69653
Blanchet, J. *see* Bollaert, S. 93493
Blanchet, M. *see* Lockwood, P. 84022
Blanchette, M. *see* Leung, H. 97390
Blanck, H., Delage, S.L., Cassette, S., Chartier, E., Floriot, D., Poisson, M.-A., Brylinski, C., Pons, D., Roux, P., Bourne, P., Quentin, P. Fully monolithic Ku and Ka-band GaInP/GaAs HBT wideband VCOs 80768
Blanck, H., Delage, S.L., Cassette, S., Chartier, E., Floriot, D., Poisson, M.-A., Brylinski, C., Pons, D., Roux, P., Bourne, P., Quentin, P. Fully monolithic Ku and Ka-band GaInP/GaAs HBT wideband VCOs 80818
Blanck, H. *see* Delage, S.L. 70895
Blanck, M. Management approach for better energy productivity 60633
Blanco, C. *see* Alonso, J.M. 60615
Blanco, J.A. *see* Espeso, J.I. 72032
Blanco, J.M. *see* Gonzalez, J. 71954
Bland, G. ERS-1 microwave sounder processing at the EODC 77381
Bland, R. *see* Maneval, J.-P. 63283
Blaney, J.K. Communication, protection and diagnostics for cement power systems 60655
Blank, A.Ya., Kasumov, F.K., Sharshanov, A.Ya. Absorption of electromagnetic radiation in a layered metal and insulator structure 83588
Blank, D.A., Chih Wu Power potential of a terrestrial solar radiant Stirling heat engine 78514
Blank, E. *see* Ennis, J. 80919
Blank, E. *see* Hirst, E. 59868
Blank, L.C. *see* Gu, X. 65809
Blank, M., Grimm, T.L., Guss, W.C., Kreischer, K.E., Temkin, R.J. Megawatt gyrotrons for ECRH 49744
Blank, R.de *see* de Blank, R.
Blank, R.W. *see* Mace, S.E. 54213
Blankart, C.B., Knieps, G. Network externalities, variety and search 65117
Blankers, P.F.C. b-ISDN signalling and intelligent networks; how two worlds can come together 52232
Blankespoor, S.C., Derenzo, S.E., Moses, W.W., Ito, M., Oba, K. Characterization of a pulsed X-ray source for fluorescent lifetime measurements 98723
Blankespoor, S.C., Derenzo, S.E., Moses, W.W., Rossington, C.S., Ito, M., Oba, K. Characterization of a pulsed X-ray source for fluorescent lifetime measurements 88335
Blankespoor, S.C. *see* Derenzo, S.E. 59224
Blankespoor, S.C. *see* Derenzo, S.E. 67404
Blankevoort, J., Blom, H., Brouwer, P., Centen, P., vd Herik, B., Koppe, R., Moelands, A., v Rooy, J., Stok, F., Theuwissen, A. A high-performance, full-bandwidth HDTV camera applying the first 2.2 million pixel frame transfer CCD sensor 66042
Blankevoort, J.E., Brondijk, R.A., Bruls, W.H.A., Denissen, A.J.M., von Wingerden, P.P.M. The LDK4062, an interface unit based on DCT compression techniques for recording, playing and editing HDTV signals on SDTV digital VTR's 97694
Blanks, H.S. Quality and reliability research into the next century 61048
Blanovsky, A. System for the transmutation of nuclear waste based on the target-distributed high-intensity neutron sources 99884
Blanton, T. *see* Paz-Pujalt, G.R. 82666
Blanton, T.N. *see* Eichorst, D.J. 70151
Blanton Godfrey, A., Endres, A.C. The evolution of quality management within telecommunications 96290
Blanz, J., Klein, A., Nasshan, M., Steil, A. Performance of a cellular hybrid C/TDMA mobile radio system applying joint detection and coherent receiver antenna diversity 65607
Blanz, J. *see* Baier, P.W. 52429
Blanz, W.E. *see* Dom, B. 74356
Blasche, K., Franczak, B., Langenbeck, B., Moritz, G., Riedel, C. The heavy ion synchrotron SIS—a progress report 87828
Blasche, K. *see* Eickhoff, H. 67040
Blaschke, D. Errors and limitations of computer-aided solutions of antenna and scattering problems with application of the electric field integral equation and method of moments 57202
Blasco, P., Pelayo, J., Villuendas, F. Uncertainty in PMD measurements by interferometric techniques. Analysis by means of a transfer function approach 82611
Blasdell, R.C. *see* Macrander, A.T. 88293
Blaser, F. *see* Moreira, A. 67795
Blaser, H. *see* Nunes, M.S. 52279
Blaser, M., Melchior, H. High performance monolithically integrated InP photoreceivers 58423
Blasi, R.Di *see* Di Blasi, R.
Blasingame, J.M., Kinsella, M.E. Microelectronics manufacturing science technology: A university/government/industry cooperative success story 54343
Blaskiewicz, M. Longitudinal impedance and stability thresholds of the AGS Booster 87926
Blasquez, G. *see* Pons, P. 66184
Blass, A. Is game semantics necessary? 79555
Blasse, G. *see* van Schaik, W. 72583
Blaszczyk, A., Steinbigler, H. Region-oriented charge simulation 83466
Blaszczyk, H. *see* Walczuk, E. 90271
Blaszka, T. *see* Deriche, R. 96030
Blaszuk, P.R. *see* Benda, J.A. 83206
Blatter, A. *see* Bogli, U. 48975
Blatter, A. *see* Zehnder, T. 48979
Blattner, R. *see* Williams, R.K. 55133
Blau, B., Rohleder, I., Vecsey, G., Pasotti, G., Ricci, M.V., Sacchetti, N., Bruzzone, P., Katheder, I., Mitchell, N., Bessette, D., Duchateau, J.L. Testing of full size high current superconductors in SULTAN III 82440
Blau, B. *see* Bessette, D. 82324
Blau, J. *see* Hall, J. 83189
Blau, J. *see* Quick, D.D. 83190
Blau, P. Analysis of the impedance of a coaxial, large-bore copper-vapor laser 63649
Blau, R. Multipliers degrade the linearity of swept-FMCW waveforms 55389
Blau, W. *see* Page, H. 56867
Blauch, A.J., Bodson, M., Chiasson, J. High-speed parameter estimation of step motors 60267
Blaum, M., Bruck, J. Coding for delay-insensitive communication with partial synchronization 73733
Blaum, M., Farrell, P.G. Array codes for cluster-error correction 95149
Blaun, H., Schlemper, H.D. Partial discharge measurement for ascertainment of the condition of insulation 93755
Blauschild, R.A. An integrated time reference 92437
Blayo, N., Tepermeister, I., Benton, J.L., Higashi, G.S., Boone, T., Onuoha, A., Klemens, F.P., Ibbotson, D.E., Lee, J.T.C., Sawin, H.H. Comparison of advanced plasma sources for etching applications. IV. Plasma induced damage in a helicon and a multipole electron cyclotron resonance source 71320
Blaze, M. *see* Ioannidis, J. 58196
Blazejewski, E.R. *see* Kozlowski, L.J. 52954
Blazek, K. *see* Pani, R. 88044
Blazek, V. Biomedical applications of optics. New computer aided sensor concepts for noninvasive measurements of human hemodynamics 88424
Blazek, Z., Janecek, J. Low-cost microcontroller driven ECG 77016
Blazewicz, J., Bovet, D.P., Brzezinski, J., Gambosi, G., Talamo, M. Optimal centralized algorithms for store-and-forward deadlock avoidance 85255
Blazey, G.C., Hirosky, R.J. The minimum and heavily ionizing components of particle showers 67336
Bleasdale, C. *see* Jones, B. 59403
Blech, H., Dang, D. Silicon wafer deformation after backside grinding 81484
Blech, I., Robles, S. Mapping stress to evaluate film uniformity 98317
Blecha, J., Jager, R., Krupka, J., Svarc, L., Votlucka, J. The systems-tests of the dynamic ability of the CENTREL and VEAG power systems during isolated operation 89142
Bleckmann, A. *see* Danger, T. 56676
Bleeker, H. *see* O'Donnell, G. 79289
Blefari-Melazzi, N. *see* Baiocchi, A. 64954
Bleichner, H. *see* Lendenmann, H. 62734
Bleichner, H. *see* Rosling, M. 81197
Bleichner, H. *see* Rosling, M. 93362
Bleier, T.E. *see* Wright, C.H.G. 77112
Blell, U. *see* Eickhoff, H. 67040
Blennemann, H. *see* McCredle, B. 91064
Bleser, E. Results from commissioning the AGS Booster orbit system 87836
Bleser, E.J. *see* Reece, R.K. 87835
Bless, P.W. *see* Dychala, D.H. 92648
Blessing, S. *see* Avery, R.E. 59123
Blessing, S. *see* Avery, R.E. 59132
Blessinger, M. *see* Niblack, C. 58857
Blessinger, M.A., Apgar, G.W., Biggs, J.D., Louderback, M.L., Niblack, C.A. A 256×256 element InSb focal plane array for ground-based astronomy 58849
Blessinger, M.A. *see* Biggs, J.D. 58850
Bleszynski, R. *see* Jungen, M. 65378
Bletzinger, K.-U. *see* Reitinger, R. 54705
Bletzinger, P. Dual mode operation of a helical resonator discharge 79970
Bleuel, W. *see* Muhle, C. 53156
Bleule, A.I. *see* Sekachev, I.V. 87943
Bleuler, H., Vischer, D., Schweitzer, G., Traxler, A., Zlatnik, D. New concepts for cost-effective magnetic bearing control 57056
Blewett, D. *see* Anderson, S. 96435
Blewett, I.J. Effect of bending on chromatic dispersion of singlemode optical fibres 51199
Blewett, I.J. *see* Penticost, S.J. 65805

Blewett, J.P. R.R. Wilson prize lecture: adventures with accelerators 76355
Blewonska, U. *see* Klaus, F. 67770
Bley, P. *see* Rapp, R. 60263
Bley, P. *see* Strohrmann, M. 66189
Bley, P. *see* Wallrabe, U. 54043
Blez, M., Mathcoorasing, D., Kazmierski, C., Ravis, E., Ougazzaden, A., Lemestreallan, G., Robein, D. 2 section MQW VUG DFB lasers with 18 GHz FM bandwidth and 1.5 GHz/mA FM efficiency 56811
Blez, M. *see* Girardin, F. 83088
Blicblau, A., Bitterfeld, G. Relating science to engineering: employing a materials approach 69392
Blickley, G.J. Analyzers play a big part in monitoring systems 76246
Blicq, R.S. *see* Hurst, A. 90805
Blieske, U., Baldus, A., Bett, A., Lutz, F., Nguyen, T., Schetter, Ch., Schitterer, K., Sulima, O.V., Wettling, W. Concentrator module based on LPE-grown GaAs solar cells 100685
Blignaut, J.J. A battery driven mining locomotive system 90696
Blind, B., Jason, A.J., Neri, F. Lattice design of the LANL spallation-source compressor ring 66855
Blind, P. *see* Tirole, N. 98348
Blinn, J.F. Quantization error and dithering 74225
Blinov, B.B., Chu, C.M., Courant, E.D., Crandell, D.A., Kaufman, W.A., Krisch, A.D., Nurushev, T.S., Phelps, R.A., Raczkowski, D.B., Ratner, L.G., Wong, V.K., Caussyn, D.D., Derbenev, Ya.S., Ellison, T.J.P., Lee, S.Y., Rinckel, T., Schwandt, P., Sperisen, F., Stephenson, E.J., Von Przewoski, B.V., Baiod, R., Minty, M.G., Ohmori, C., Wienands, U. First test of a partial Siberian snake during polarized beam acceleration 87861
Blinov, I.F., Mirzak, E.M., Lavrov, B.A., Gal'perin, I.R. Monitoring of the concrete dam of the Boguchany hydroelectric station in the construction period 78481
Blinov, V. *see* Branover, G. 100958
Blinovsky, V., Pinsker, M. Estimation of the size of the list when decoding over an arbitrarily varying channel 73634
Bliokh, Yu.P., Kornilov, E.A., Mitin, L.A., Fainberg, Ya.B. Experimental research on electron beam excitation of high-power microwave oscillations in plasma-filled hybrid slow-wave structure 92464
Bliokh, Yu.P. *see* Antonov, A.N. 92465
Bliss, C.A. *see* Ma, Z. 100405
Bliss, D.F. *see* Prasad, V. 91410
Bliss, W.G. *see* Kim, J. 80444
Bliss, W.G. *see* Kyung Hi Chang 61800
Bliss, W.G. *see* Kyung Hi Chang 74189
Bliss, W.G. *see* Welland, D.R. 93886
Blitzkow, D., Schaal, R.E. Use of microwave in the satellite positioning 86629
Bliven, L. *see* Sobieski, P. 77498
Blixt, P. *see* Eriksson, U. 72326
Blixt, P. *see* Galvanauskas, A. 72747
Bloch, A.M., Brockett, R.W., Ratiu, T.S. On the geometry of saddle point algorithms 69754
Bloch, D. *see* von Apeldoorn, G. 88116
Bloch, D. *see* Zi Dong Liu 72874
Bloch, G., Eugene, C., Robert, M., Humbert, C. Measurement evolution: from sensor to information producer 75925
Bloch, I., Maitre, H. Constructing a fuzzy mathematical morphology: alternative ways 48792
Bloch, I., Maitre, H. Fuzzy mathematical morphology 57758
Bloch, J.J. TAOS, a new low-cost mobile-user LEO satellite network for positioning and messaging 97174
Bloch, J.J. *see* Priedhorsky, W. 77102
Block, F. *see* Anselmo, F. 98647
Block, F.R., Dittmer, R. Field distribution in rotationally symmetric moving conductors inside slag detection systems 94758
Block, P.G., Rogers, S.K., Ruck, D.W. Optical wavelet transforms from computer-generated holography 84723
Block, R.C. *see* Chen, R. 76773
Block, R.C. *see* Dussault, H. 71559
Block, T.A. *see* Yasillo, N.J. 98821
Block, T.R., Eyink, K.G., Neikirk, D.P., Streetman, B.G. Diffraction condition dependence of RHEED dampening during MBE growth 91509
Block, T.R. *see* Meshkinpour, M. 93496
Block, T.R. *see* Soderstrom, R.L. 97361
Blocki, J., Godlewski, J., Pakonski, K. Gas cooling for silicon-strip detectors 87986
Blockus, D. *see* Shapiro, G. 76455
Blodgett, D.W., Lange, C.H., McNally, P.J. Vanadium dioxide based infrared spatial light modulators 63476
Blodgett, J.D. *see* Dykes, R.A. 59667
Bloembergen, N. Laser-material interactions; fundamentals and applications 50985
Bloemer, A. *see* Liedtke, C.-E. 95681
Bloemhof, E.E. High current density, small-area SIS junctions for high-frequency radio astronomy 97509
Bloess, D. *see* Cavallari, G. 67070
Bloethe, W.G., Bavishi, A.A. Assessment of the dynamic behaviour of auxiliary loads during bus transfer 89415
Blok, C.M.de *see* de Blok, C.M.
Blok, K. *see* van den Wijngaart, R.A. 68155
Blokhuis, A. On nuclei and affine blocking sets 69734
Blokkum, D. The CLIO solution 96657
Blokland, W. A VXI/LabVIEW-based beamline tuner 87697
Blom, F.C. *see* Rullan, M. 82065
Blom, H. *see* Blankevoort, J. 66042
Blom, H.-O. *see* Hedlund, C. 93224
Blom, J., De Laat, C.T.A.M., Kuijer, P.G. A fuzzy Radon transform for track recognition 88212
Blom, J.A.G. *see* Bor, J.M. 60901
Blom, P.W.M., Wolf, R.M., Cillessen, J.F.M., Krijn, M.P.C.M. Ferroelectric Schottky diode 93774
Blom, R.G. *see* Udd, E. 99157
Blomberg, M. *see* Ruokamo, I. 66542
Blomenhofer, E.Taveira *see* Taveira Blomenhofer, E.
Blomenhofer, H., Hein, G.W., Taveira Blomenhofer, E., Werner, W. Development of a real-time DGPS system in the centimeter range 65976
Blomer, M., Lachner, L., Olthoff, G. Secondary power stations with modern control technology 68343
Blomfield, C.J. *see* Dharmadasa, I.M. 71196
Blommer, M.A. *see* Wakefield, G.H. 84538
Blomquist, S. *see* Seidler, W. 82077
Blonde, J.P. *see* Turchetta, R. 88247
Blonde, J.P. *see* Turchetta, R. 98692
Blondel, A. *see* Arnaudon, L. 66851
Blondel, M. *see* Jaunart, E. 50468
Blondel, M. *see* Jaunart, E. 82566
Blondel, M. *see* Jaunart, E. 82996
Blondel, M. *see* Megret, P. 86407
Blondel, Ph., Sempere, J.C., Robigou, V. Textural analysis and structure-tracking for geological mapping: applications to sonar images from Endeavour Segment, Juan de Fuca Ridge 99133
Blondelle, J., De Neve, H., Demeester, P., Van Daele, P., Borghs, G., Baets, R. 6% external quantum efficiency from InGaAs/(Al)GaAs single quantum well planar microcavity LEDs 94289
Blondia, C. *see* Cosmas, J.P. 57937
Blondia, C. *see* Toniatti, T. 57969
Blondy, J.-M. *see* Pagnoux, D. 50485
Blood, P. *see* Evans, P.A. 83133
Blood, P. *see* Smowton, P.M. 50847
Blood, P. *see* Smowton, P.M. 83093
Blood, W.R., Jr. Performance analysis of laminate-based multichip modules 79387
Bloom, D.M. *see* Godil, A.A. 63530
Bloom, D.M. *see* Ho, F. 50087
Bloom, D.M. *see* Ozbay, E. 81522
Bloom, D.M. *see* Sheridan, J.A. 63581
Bloom, E., Bulos, F., Fieguth, T., Godfrey, G., Loew, G., Miller, R. Progress on PEP-II injection R&D 76520
Bloom, J.A., Gallant, L. Modeling dispatch constraints in production cost simulations based on the equivalent load method 77939
Bloom, T.R. An aluminum nitride package for 300°C operation 93569
Bloomberg, D.S. *see* Chen, F.R. 84940
Bloomell, C. *see* Thornton, B.S. 88393
Bloomfield, P.M. *see* Grootoonk, S. 59288
Bloomfield, T.S. *see* Ryan, L.K. 98770
Bloomstein, T.M. *see* Kunz, R.R. 73183
Bloor, D. Prospects for molecular electronics 55493
Bloor, D. *see* Holland, E.R. 71652
Bloothoofd, B. *see* Collins, S.R. 90420
Blore, R.W. *see* Cai, X.Y. 74446
Bloss, P., Schafer, H. Investigations of polarization profiles in multilayer systems by using the laser intensity modulation method 56155
Blosser, H.G. *see* Maughan, R.L. 67615
Blosser, R.G. *see* Friebele, E.J. 98032
Blostein, S.D. *see* Zheng, H. 85086
Blotekjaer, K. *see* Knudsen, S. 98023
Blotekjaer, K. *see* Kringlebotn, J.T. 52594
Blotekjaer, N. *see* Kringlebotn, J.T. 63624
Blouin, A., Monchalin, J.-P. Detection of ultrasonic motion of a scattering surface by two-wave mixing in a photorefractive GaAs crystal 73098
Blouin, A. *see* Lauzon, J. 63404
Blouke, M.M. *see* Reinheimer, A.L. 66463
Blouke, M.M. *see* Stern, R.A. 58833
Blount, M., Panitz, J.A. Temporal response of a lithium nitrate electrohydrodynamic ion source 53143
Blouzon, F. *see* Dell'Acqua, A. 87955
Blouzon, F. *see* Dell'Acqua, A. 98680
Blow, K.J., Loudon, R., Phoenix, S.J.D. Quantum theory of cross-phase modulation 72313
Blow, K.J. *see* Obro, M. 72789
Blow, K.J. *see* Smith, N.J. 65785
Blow, K.J. *see* Townsend, P.D. 97315
Blow, K.J. *see* Widdowson, T. 65787
Bloyet, D. *see* Dolabdjian, C. 50421
Bloyet, D. *see* Flament, S. 50422
Bloyet, D. *see* Langlois, P. 52864
Bloyet, D. *see* Langlois, P. 94031
Bloyet, D. *see* Langlois, P.Y. 56277
Blu, T., Rioul, O. Wavelet regularity of iterated filter banks with rational sampling changes 84256
Bluckert, A. *see* Hok, B. 59256
Blue, L.S., Etzel, K.T., Simon, W.A., Wistrom, J.D. The GT-MHR—clean, economic, and safe power for the Pacific Rim 89536
Bluem, H. *see* Johnson, R.P. 67236
Bluemel, U. *see* Hamacher, H. 77119
Bluestein, J. *see* Hobbs, B.F. 59763
Bluestein, J. *see* Pratapas, J. 68449
Blum, A. New approximation algorithms for graph coloring 79570
Blum, A., Furst, M., Kearns, M., Lipton, R.J. Cryptographic primitives based on hard learning problems 73761
Blum, C., Molva, R., Rutsche, E. A terminal-based approach to multimedia service provision 85464
Blum, E. *see* Blumberg, L.N. 87888
Blum, E.B., Nawrocky, R. Tune measurement in the NSLS booster synchrotron 76470
Blum, E.B. *see* Friedman, A. 67218
Blum, E.B. *see* Rothman, J.L. 76489
Blum, O., Fritz, I.J., Dawson, L.R., Howard, A.J., Headley, T.J., Olsen, J.A., Klem, J.F., Drummond, T.J. Molecular beam epitaxy grown AlAsSb/GaAsSb distributed Bragg reflector on InP substrate operating near 1.55 μm 54852
Blum, O., Fritz, I.J., Shul, R.J., Schneider, R.P., Jr., Howard, A.J. InGaP/AlInGaP quantum well surface normal modulators for visible wavelengths 94193
Blum, R.S. Asymptotically robust detection for known signals in contaminated multiplicative noise 74028
Blum, R.S. Distributed detection of weak dependent narrowband signals 84402
Blum, R.S. Asymptotically robust detection of known signals in nonadditive noise 95591
Blum, W. Where stand electric vehicles today? 78902
Blum, W. *see* Meier, C. 78512
Blumberg, B. *see* Darrell, T. 64893
Blumberg, L.N., Blum, E. Simulation of emittance dilution in electron storage ring from Compton backscattering 87888
Blume, S., Krebs, V. Backscattering cross section of the semi-infinite circular cone 65864
Blumel, D. *see* Pietzsch, H. 68152
Blumel, R. All-digital stalled induction machine rotor flux estimator—avoiding the bias problem 100149
Blumenfeld, B. *see* Chen, M. 67349
Blumenthal, D.J., Feuerstein, R.J., Sauer, J.R. First demonstration of multihop all-optical packet switching 52290
Blumenthal, D.J. *see* Ramanan, A.V. 52132
Blumenthal, M.K. Variable speed AC drives for cement kilns 60656
Blumer, H. *see* Beier, T. 53305
Blumer, H. *see* Grafstrom, P. 76786
Blumer, M. *see* Dhawan, S.K. 98579
Blumofe, R.D., Park, D.S. Scheduling large-scale parallel computations on networks of workstations 85713
Blums, E., Maiorov, M.M., Kronkalns, G. Thermomagnetic properties of ferrofluids containing chemically coprecipitated Mn-Zn ferrite particles 50241
Blums, Yu. *see* Medvid', A. 66321
Blundell, B.G. *see* Schwarz, A.J. 98217
Blundell, B.G. *see* Schwarz, A.J. 98218
Blundell, R. *see* Tong, C.-Y. 49638
Blundell, R. *see* Tong, C.E. 73492
Blundo, C., Cresti, A., De Santis, A., Vaccaro, U. Fully dynamic secret sharing schemes 73751
Blundo, C., De Santis, A., Gargano, L., Vaccaro, U. Secret sharing schemes with veto capabilities 74708
Bluni, S.A. *see* Biswas, M. 77758
Blunier, S. *see* Zogg, H. 58830
Blunier, S. *see* Zogg, H. 61259
Blunschi, A. Standardization, registration and regulations in the European market — must a product be withdrawn from the market? 54435
Blust, J. Gamma camera acceptance testing: the first quality control 98813
Bluthner, K. *see* Gotz, M. 63322
Bluthner, K. *see* Meyer, H.-G. 56256
Bluthner, K. *see* Meyer, H.-G. 66112
Bluthner, K. *see* Schambach, J. 56257
Bluyssen, H.J.A. *see* Christianen, P.C.M. 62189
Bluyssen, H.J.A. *see* Christianen, P.C.M. 62313
Bluzer, N., Forrester, M.G. Superconducting quantum detectors 52869
Bluzer, N., Forrester, M.G. Superconducting quantum detectors in YBCO 58748
Blyablin, A.A. *see* Seleznev, B.V. 63266
Blyden, B. The concept of a dynamic parameter 68522
Blyler, L.L., Jr. *see* Grimes, G.J. 94314
Blyth, B. *see* Habibi, A. 96090
Blyth, W. *see* Key, M.H. 50731
Blythe, J.H., Dearlove, C.M. Structure of round-off noise in single-bit second-order sigma-delta modulators with zero input 51498

Blythe, P.T., Hills, P.J. The design and implementation of a transponder-based road to vehicle communications system 69178
Bo, G. *see* Caviglia, D.D. 55358
Bo, S. *see* Rich, D.A. 73387
Bo, Z. *see* Aggarwal, R.K. 99748
Bo, Z.Q., Aggarwal, R.K., Johns, A.T. Non-unit protection of double circuit lines based on fault generated high frequency signals 59997
Bo, Z.Q. *see* Johns, A.T. 59996
Bo Chen, Chao, A.W. Longitudinal head-tail instability in a non-harmonic potential well 87698
Bo Chen, Chao, A.W. Bunch lengthening effect and localized impedance 87699
Bo Chen, Chao, A.W. Longitudinal head-tail instability in a non-harmonic Hamiltonian system 98481
Bo Cui *see* Liren Liu 51614
Bo Han *see* Han Bo
Bo Hwang Sung *see* Sung Bo Hwang
Bo Jiang, Sudhama, C., Khamankar, R., Jiyoung Kim, Lee, J.C. Effects of nonlinear storage capacitor on DRAM READ/WRITE 49431
Bo Jiang *see* Jiyoung Kim 70488
Bo Lee, Elliott, T.S., Mazumdar, T.K., McIntyre, P.M., Pang, Y., Trost, H.-J. Knife-edge thin film field emission cathodes on (110) silicon wafers 62042
Bo Li *see* Ganz, A. 58362
Bo Li *see* Ganz, A. 75480
Bo Ling *see* Reinschmidt, K.F. 68456
Bo Ling *see* Reinschmidt, K.F. 78417
Bo Ling *see* Reinschmidt, K.F. 78431
Bo Liu, Bruton, L.T. The design of N-band nonuniform-band maximally decimated filter banks 92413
Bo Liu *see* Zhi-Yong Li 85072
Bo Liu *see* Liu Bo
Bo Lu, Ping Zhou, Lu, Y., Cheng, J., Leibenguth, R.E., Adams, A.C., Zilko, J.L., Lear, K.L., Zolper, J.C., Chalmers, S.A., Vawter, G.A. Binary optical switch and programmable optical logic gate based on the integration of GaAs/AlGaAs surface-emitting lasers and heterojunction phototransistors 50582
Bo Lu, Zhou, P., Cheng, J., Malloy, K.J., Zolper, J.C. High temperature pulsed and continuous-wave operation and thermally stable threshold characteristics of vertical-cavity surface-emitting lasers grown by metalorganic chemical vapor deposition 83105
Bo Peng, Izumitani, T. The fluorescence properties of Eu^{3+} in various glasses and the energy transfer between Eu^{3+} and Sm^{3+} in borosilicophosphate glass 50440
Bo Peng, Izumitani, T. Ho^{3+} doped 2.84 μm laser glass for laser knives, sensitized by Yb^{3+} 53383
Bo Xu *see* Xu Bo
Bo Zhang On a local existence theorem for a simplified one-dimensional hydrodynamic model for semiconductor devices 55857
Bo Zhang *see* Zhang Bo
Bo Zhonghe *see* Zhonghe Bo
Bo-Ping Hu, Gui-Chuan Liu, Yi-Zhong Wang, Nasunjilegal, B., Ning Tang, Fu-Ming Yang, Hong-Shuo Li, Cadogan, J.M. Magnetic properties of $R_3(Fe,Ti)_{29}C_y$ carbides (R=Nd, Sm) 82259
Bo-Ping Hu, Wendhausen, P.A.P., Eckert, D., Pitschke, W., Handstein, A., Muller, K.-H. Development of coercivity on $NdFe_{12-x}Mo_xN_{0.9}$ nitrides with low Mo concentration 72019
Bo-Ping Hu *see* Fu-Ming Yang 82247
Bo-Ping Hu *see* Jifan Hu 71926
Bo-Ping Hu *see* Wendhausen, P.A.P. 72184
Bo-Ren Bai *see* Lin-Shan Lee 95300
Bo-Rong Shi *see* Ke-Ming Wang 93116
Bo-Rong Shi *see* Ke-Ming Wang 93134
Bo-Sang Lee *see* Kyu-Taek Nam 90848
Bo-Shen Lin *see* Lin-Shan Lee 95300
Bo-Shi Chen *see* Chen Bo-Shi
Bo-Shoe Chen Taiwan: reform at a snail's pace 58013
Bo-Ting Yang *see* Yang Bo-Ting
Bo-Woo Kim *see* Sun Jin Yun 55741
Bo-Yuan Cheng *see* Wei-Tou Ni 50432
Boag, A., Boag, A., Mittra, R., Leviatan, Y. A numerical absorbing boundary condition for finite-difference and finite-element analysis of open structures 57082
Boag, A., Mittra, R. Complex multipole-beam approach to three-dimensional electromagnetic scattering problems 51060
Boag, A., Mittra, R. Complex multipole beam approach to electromagnetic scattering problems 51077
Boag, A. *see* Boag, A. 57082
Boag, A. *see* Mittra, R. 73255
Boag, A. *see* Mittra, R. 73255
Boake, I., van Wyk, J.D., Blajszczak, G. An investigation of the reduction of harmonic dependent losses in the magnetic components of static VAr compensators 68933
Boal, J. A packet, cell and isochronous bearer service 52087
Board, K. *see* Hu, Z.R. 81917
Board, K. *see* Mawby, P.A. 71619
Board, K. *see* Zeng, J. 55949
Boardman, A.D., Singh, K., Hoad, J., Twardowski, T. Linear and nonlinear rib waveguides with channel tapering 50538
Boardman, A.D., Voronko, A.I., Vetoshko, P.M., Volkovoy, V.B. Photoconducting film integrated in a magnetooptical multilayer structure: a new way to get bistable and unstable operations 50938
Boardman, A.D. *see* Hodgson, E. 63667
Boardman, R.J., Lay, M.D., Tanner, N.W., Wark, D.L. A Cherenkov radiation source for photomultiplier calibration 55528
Boardman, W. *see* Jain, V. 62549
Boashash, B., Ristich, B. Analysis of FM signals affected by Gaussian AM using the reduced Wigner-Ville trispectrum 84502
Boashash, B. *see* Arnold, M.J. 95549
Boashash, B. *see* Frazer, G. 84407
Boashash, B. *see* Roessgen, M. 98914
Boaventura, W.C. *see* Silva, P.R. 89254
Boavida, F. *see* Rodrigues, A. 52137
Bobbink, G.J. *see* Adam, A. 88087
Bobbink, G.J. *see* Adam, A. 88102
Bobbink, G.J. *see* Adriani, O. 88023
Bobbio, S., de Magistris, M., Miano, G., Visone, C., Zamparelli, E., Marrucci, G. A new model of scalar magnetic hysteresis 82233
Bobbio, S., Miano, G., Verolino, L., Visone, C., Zamparelli, E. Applications of a new model of scalar hysteresis to a series ferroresonant circuit 63263
Bobbio, S. *see* Koopman, N. 90959
Bobbio, S.M., Kellam, M.D., Dudley, B.W., Goodwin-Johansson, S., Jones, S.K., Jacobson, J.D., Tranjan, F.M., DuBois, T.D. Integrated force arrays 57061
Bobbio, S.M. *see* Markus, K. 93213
Bobbs, B., Goldstone, J.A., Johnson, M.M. Phase-matched broad-band Raman amplifiers 82887
Bobel, F.G., Moller, H., Hertel, B., Ritter, G., Chow, P. In situ film-thickness and temperature monitor 79873
Bobel, F.G., Moller, H., Wowchak, A., Hertl, B., van Hove, J., Chow, L.A., Chow, P.P. Pyrometric interferometry for real time molecular beam epitaxy process monitoring 54912
Bober, G., Heumann, K. Comparison of the properties of MCT and IGBT under 'hard' switching conditions 71620
Bober, M., Kittler, J. A Hough transform based hierarchical algorithm for motion segmentation and estimation 57796
Bober, M., Kittler, J. Robust motion analysis 84707
Boberg, S. *see* Gott, G.F. 94831
Bobet, P., Schmid, C. Obstacle detection analysis 84688
Bobet, P. *see* Crowley, J.L. 96025
Bobin, J.L. On an interferometric method for the diagnostic of small bunches in e^+e^- colliders 98422
Bobo, D.R., Mauzy, D.M., Trefny, F.J. Economic generation dispatch with responsive spinning reserve constraints 53637
Bobo, D.R., Mauzy, D.M., Trefny, F.J. Economic generation dispatch with responsive spinning reserve constraints 59791
Bobrenko, Yu.N., Kislyuk, V.V., Kolezhuk, K.V., Kamashchenko, V.N., Pavelets, S.Yu., Shengeliya, T.E. II-VI thin-film polycrystalline multilayer converters for solar photovoltaics 69010
Bobrenko, Yu.N., Pavelets, A.M., Pavelets, S.Yu., Tkachenko, V.M. Short-wavelength photosensitive surface-barrier structures based on degenerate-semiconductor/semiconductor junctions 82815
Bobrov, E.S. *see* Bromberg, L. 83557
Bobrov, E.S. *see* Williams, J.E.C. 82412
Bobrov, S. *see* Miller, J.R. 82404
Bobrovsky, B.-Z. *see* Welti, A.L. 52330
Bobrovsky, B.Z. *see* Welti, A.L. 85211
Bobrow, R. *see* Bates, M. 73858
Bobrowski, J.C., Murphy, W.E. Designing surface-mount technology for operational service life 55462
Bobrowski, R. *see* Holubowicz, W. 95210
Bobula, A., Szakonyi, A., Weiling, G. Live line working at distribution voltage in Hungary, in Central Europe 78146
Boby, J., Teral, S., Caussignac, J.-M., Siffert, M. Weighing of vehicles in motion using fiber optic sensors 52876
Bobyleva, L. *see* Perelstein, E. 76542
Boca, G. *see* Arena, V. 53299
Boca, G. *see* Carugno, G. 67326
Bocaranda, P. *see* Albornoz, J.G. 62219
Boccaletti, S. *see* Perrone, A.L. 57581
Bocchetta, C.J., Rindi, A., Tromba, G. Fluctuations of the gas bremsstrahlung dose rate at an electron storage ring 59099
Bocchetta, C.J. *see* Abrami, A. 98715
Bocchieri, E. Vector quantization for the efficient computation of continuous density likelihoods 84124
Bocchieri, J.R. *see* Polger, P.D. 77397
Bocci, M., Pitts, J.M., Scharf, E.M. Performance of time stepping mechanism for parallel cell rate simulation of ATM networks 64910
Bocci, M. *see* Swift, J. 65161
Bocci, V. *see* Farilla, A. 52772
Boccieri, S.V., Jr. *see* Mahoney, D.T., Jr. 89501
Boccuzzi, F., Guglielminotti, E. IR study of TiO_2-based gas-sensor materials: effect of ruthenium on the oxidation of NH_3, $(CH_3)_3N$ and NO 98153
Bocek, D. *see* Kung, P. 81122
Bocek, D. *see* Kung, P.H. 83192
Bochang Wu *see* Wu Bochang
Bochanky, L., Demmer, B., Klaus, D., Rehberg, G. Electricity supply in the new Laender from the viewpoint of regional power supply companies 68125
Bochanky, L., Martel, P. Network rating with varied requirement stipulations 99666
Bochanov, A.F., Gelikonova, V.D., Klushin, A.M., Shisharin, P.A., Krasnopolin, I.Ya. Development and investigation of Nb-Al-oxide-Nb Josephson junction arrays [voltage standard application] 86842
Bocharov, A.A. Some empirical methods improving constrained iteration algorithms of image restoring 74552
Bocharova, I.E., Kudryashov, B.D. On the covering radius of convolutional codes 73638
Bochet, J. *see* Jeanguillaume, C. 76937
Bochkov, A.V., Kryzhanovskii, V.A., Magda, E.P., Mukhin, S.L. Quasi-CW lasing at λ=585.2 nm in an Ne-H_2 mixture 56623
Bochkov, G.N., Gorokhov, K.V., Konnov, I.R. On the accuracy of spectral and bispectral measurements 73948
Bochmann, G.v. *see* v. Bochmann, G.
Bochmann, G.von *see* von Bochmann, G.
Bochu, B. *see* Deschanvres, J.L. 79908
Bock, A.M. Motion-adaptive standards conversion between formats of similar field rates 74319
Bock, B., Dabbous, H., Gutjahr, B., Hartmann, H., Herzog, M., Kramarczyk, S., Schneider, B., Wedemeyer, R., Zachara, M., Schneekloth, U., Schroeder, J., Barreiro, F., Diez, E., Enriquez, F., Gallego, S., Labarga, L. Design, construction and test results of the ZEUS forward tracking detector 53325
Bock, C. *see* Winterer, M. 70626
Bock, D. *see* Kampert, K.-H. 98503
Bock, E.J. *see* Hara, T. 67873
Bock, J. *see* Herrmann, P.F. 59973
Bock, J. *see* Preisler, E. 63267
Bock, J. *see* Staudt, E. 60843
Bock, K., Hartnagel, H.L. Surface technology and ESD protection: towards highly reliable GaAs microwave circuits 55821
Bock, P. *see* Howard, C.G. 95683
Bock, R., Braun, G., Esser, H., Lubelsmeyer, K., Karpinski, W., Pandoulas, D., Schmitz, D., Siedling, R., Wlochal, M. A wiring system for mass production of drift and proportional chambers 59147
Bock, R.K. Data processing for bubble chambers 76801
Bock, W.J., Eftimov, T.A. Strain sensor based on LP_{01}-LP_{02} intermodal interference in highly birefringent optical fibers 76025
Bock, W.J., Eftimov, T.A. Simultaneous hydrostatic pressure and temperature measurement employing an LP_{01}-LP_{11} fiber-optic polarization-sensitive intermodal interferometer 76048
Bock, W.J., Porada, E., Beaulieu, M., Eftimov, T.A. Automatic calibration of a fiber-optic strain sensor using a self-learning system 76049
Bock, W.J., Urbanczyk, W., Wisniewski, R. Fiber-optic pressure sensor using an electronically scanned white-light interferometer 87250
Bock, W.J., Urbanczyk, W., Wojcik, J., Beaulieu, M. White-light interferometric fiber-optic pressure sensor 98036
Bock, W.J. *see* Porada, E. 98028
Bock, W.J. *see* Urbanczyk, W. 52897
Bock, W.J. *see* Wolinski, T.R. 76255
Bock, W.J. *see* Wolinski, T.R. 87596
Bock, W.J. *see* Wolinski, T.R. 98037
Bock, W.J. *see* Zaremba, M.B. 66702
Bockelman, D. *see* Taft, R.C. 70490
Bocker, G.-J. *see* Cuthbert, L. 86381
Bocker, M. ISDN communications for conference interpreters 85890
Bocker, M., Anderson, D. Remote conference interpreting using ISDN videotelephony: a requirements analysis and feasibility study 96826
Bocker, M., Muhlbach, L. Communicative presence in videocommunications 96827
Bocker, M. *see* Hopf, K. 96839
Bockholt, J., Klapdor-Kleingrothaus, H.V. The background of enriched ^{76}Ge detectors used in γ-astronomy 59164
Bockhorst, M. *see* Schwille, W.J. 76785
Bocking, S. The configurable transport service of Tempo 51817
Bocking, S. The TIP project: supporting advanced communications on high-speed networks 85348
Bocking, S. TIP's configurable transport service 96650
Bocking, S., Seidel, V. TIP's protocol run-time system 85318
Bocko, P.L. *see* Lapp, J.C. 87377
Bockowski, M. *see* Grzegory, I. 79771
Bockowski, M. *see* Porowski, S. 79769
Bockstal, L.van *see* van Bockstal, L.
Boczkowski, D. *see* Walczuk, E. 90271

Bodak, V. *see* Somora, M. 93920
Bodakian, B., Hart, F.X. The dielectric properties of meat 50112
Boddeke, F.R. *see* Mullikin, J.C. 76070
Bode, M. *see* Arent, D.J. 56524
Bode, M. *see* Arent, D.J. 91512
Bode, M. *see* Kunkel, G. 56254
Bode, M. *see* Kunkel, G. 93938
Bode, M.H., Tuttle, J., Al-Jassim, M.M. TEM investigations on ordered phases in $CuInSe_2$ 90447
Bode, M.H. *see* Kurtz, S.R. 61273
Bode, M.H. *see* Luo, H. 54854
Bode, M.H. *see* Nelson, A.J. 69923
Bodeau, D.J., Swarup, V. Integration of security services into the NORAD/USSPACECOM technical infrastructure: a case study 65311
Bodeep, G.E. *see* Lu, X. 86328
Bodegard, M. *see* Hedstrom, J. 100487
Bodek, A. *see* de Barbaro, P. 98584
Boden, A. *see* Carrigan, R.A., Jr. 59039
Boden, A. *see* Cline, D. 76545
Boden, E.G. *see* Brown, J.M. 82075
Boden, E.G. *see* Hoener, C.F. 70099
Boden, H. *see* Okamoto, Y. 99309
Boden, P.J. Surface mount technology—a study of safety considerations: silver migration and adhesive flammability 55461
Bodenhausen, U., Manke, S. Connectionist architectural learning for high performance character and speech recognition 73829
Bodenschatz, N. *see* Schafer, U. 73030
Bodenstein, C.P., Venter, W.C., Kahl, G.J. A Doppler radar for multiple targets 97408
Bodermann, B. *see* Kremser, S. 83076
Bodger, P.S., Woudberg, J.J. High voltage live-line maintenance laboratory 78110
Bodholt, H. *see* Hammerstad, E. 77340
Bodie, W.C. The threat to America from the former USSR 61055
Bodin, C. *see* Grieshaber, W. 81268
Bodin, P., Skov, J.L., Kuhle, A., Hagensen, M., Clausen, T., Rasmussen, I., Hjorth, S., Bindslev Hansen, J. Double-sided $YBa_2Cu_3O_{7-x}$ thin films for microwave applications 94032
Bodlovic, P., Kelemen, T., Gojceta, Z. The Maxwell's potential coefficient matrix for the electric field equivalent homogenous ladder network 68697
Bodmer, A. *see* Small, B. 92141
Bodnar, I.V., Rud', V.Yu., Rud', Yu.V. Photosensitivity of $InSe/CuAlSe_2$ heterojunctions 71151
Bodnar, I.V. *see* Gremenok, V.F. 62208
Bodnar, S. *see* Regolini, J.L. 91488
Bodrov, V.V. *see* Barabanov, A.R. 83745
Bodruzzaman, M., Devgan, S.S., Mach, K.D., Clay, C. High-resolution estimation and on-line monitoring of natural frequency of aircraft structure specimen under random vibration 88647
Bodruzzaman, M. *see* Kuah, K. 84145
Bodruzzaman, M. *see* Zein-Sabatto, S. 84857
Bodson, F., Gausi, M., Thomas, A. CRDM penetration cracks. How the French have met the challenge 53884
Bodson, J.M. Problems and proposed solutions in multimotor drives 69041
Bodson, M., Chiasson, J., Novotnak, R. High-performance induction motor control via input-output linearization 78630
Bodson, M., Chiasson, J., Novotnak, R. High-performance motion control of an induction motor by input-output linearization 89960
Bodson, M. *see* Blauch, A.J. 60267
Bodson, M. *see* Sacks, A. 56221
Bodson, M. *see* Stephan, J. 60205
Bodson, M. *see* Stephan, J. 69112
Bodtker, E. *see* Jacobsen, G. 97311
Bodtker B, E. *see* Ludvigsen, H. 83229
Boduch, P. *see* Gosselin, A. 87953
Bodvarsson, G.S. *see* Amistoso, A.E. 53862
Boe, A.V.J., Hjelkrem, O.G.C. Smoothing models 84216
Boe, A.V.J., Hjelkrem, O.G.C. Comparison of prognosis methods from different methods 84217
Boe, A.V.J., Hjelkrem, O.G.C. Growth models 85384
Boe, A.V.J., Hjelkrem, O.G.C. Tellerskritt—base data and prognoses 85386
Boe, A.V.J., Hjelkrem, O.G.C. Prognosis for new services where data is scarse 85860
Boe, O.G.J. *see* Hjelkrem, A.V.C. 85204
Boe, O.G.J. *see* Hjelkrem, A.V.C. 85385
Boe, O.G.J. *see* Stordahl, A.V.K. 85383
Boe, O.G.Johannes *see* Johannes Boe, O.G.
Boebinger, G.S., Passner, A., Bevk, J. Seventy-two tesla non-destructive pulsed magnetic fields at AT&T Bell Laboratories 83570
Boeck, J.De *see* De Boeck, J.
Boeder, C.P.W., Adams, L., Nickson, R. Scintillating fibre detector system for spacecraft component dosimetry 76774
Boedigheimer, R.A., Kapur, K.C. Involving the customer in the development and evaluation of multistate reliability models 54605
Boedigheimer, R.A., Kapur, K.C. Customer-driven reliability models for multistate coherent systems 61009
Boeffard, O. *see* Bigorgne, D. 73877
Boegelsack, F. *see* Schwab, W. 70844
Boegler, P., Urban, C., Rietschel, H., Bornemann, H.J. Standardized measurements of interaction forces in autostable superconducting magnetic bearings 87556
Boeglin, W. *see* Dolfini, S.M. 76854
Boeglin, W. *see* Mandeville, J.B. 76855
Boehland, F. *see* Kunzmann, A. 80295
Boehm, C. *see* Mueller, U. 80847
Boehm, F. *see* Chen, M. 59169
Boehm, F. *see* Jorgens, V. 59161
Boehm, G. *see* Leitenstorfer, A. 81238
Boehm, L., Vagish, Z., Frischat, G.H., Beche, A. Tellurium-based chalcogenide glass-ceramics for IR applications 63337
Boehmer, E. *see* Benard, D.J. 82924
Boehmer, S.C. X-31 helmet mounted visual and audio display (HMVAD) system 67684
Boehnke, K. *see* Wismann, V. 77454
Boehnke, K. *see* Wismann, V. 77640
Boeij, W.P.de *see* de Boeij, W.P.
Boekema, C. *see* Paciotti, M.A. 76401
Boekenhauer, R.E. *see* Rankin, J. 79923
Boekenhauer, R.E. *see* Sheldon, B.W. 61362
Boel, B., McDonald, J., Van Nyen, W. High speed digital services call for new surveillance techniques 85422
Boelens, J.P. *see* van den Bosch, P.J. 98763
Boella, G., Cordiali, L., Marullo-Reedtz, G., Allasia, D., Rinaudo, G., Truccato, M., Villavecchia, C. Analysis of the breakdown of the IQHE in wide GaAs/AlGaAs heterostructures 86826
Boella, G., Cordiali, L., Marullo-Reedtz, G., Allasia, D., Rinaudo, G., Truccato, M., Villavecchia, C. Analysis of time behavior in the breakdown of the integral quantum Hall effect 93014
Boella, G. *see* Arri, E. 86831
Boenig, H.J., Bogdan, F., Morris, G.C., Ferner, J.A., Schneider-Muntau, H.J., Rumrill, R.H., Rumrill, R.S. Design and preliminary test results of the 40 MW power supply at the National High Magnetic Field Laboratory 83537
Boenig, H.J. *see* Campbell, L.J. 83552
Boenig, H.J. *see* Schillig, J.B. 83536
Boer, E.R., Murata, T. Generating basis siphons and traps of Petri nets using the sign incidence matrix 48806
Boer, F.R.De *see* De Boer, F.R.
Boer, G.de *see* de Boer, G.
Boer, H.den *see* den Boer, H.
Boer, K.W., Piprek, J. Donor-acceptor pairs to limit V_{oc}-improvement of photodiodes 60455
Boer, K.W., Piprek, J. Inverse delta doping for improvement of solar cells 69000
Boer, K.W., Piprek, J. V_{oc}-improvement for high-efficiency solar cells 100683
Boer, W.B.de *see* de Boer, W.B.
Boeri, F. *see* Auguin, M. 70611
Boerjan, J. *see* Dumortier, P. 64962
Boerman, C.R. *see* Ren, J. 51268
Boerner, C. *see* Craig, B. 59936
Boerner, W.-M., Chuan-Li Liu, Luneburg, E., Tanaka, M. Comparison of optimization procedures for radar/lidar scattering matrices: a unified radar/lidar inversion approach 77211
Boerner, W.-M., Tanaka, M., Yamaguchi, Y., Eom, H.-J., Luneburg, E. Development of 'Optimal polarimetric contrast enhancement coefficients: OPCEC' for the analysis or depolarization due to rain, ice and surface scatter utilizing POL-RAD and POL-SAR measurements 77704
Boerner, W.-M., Walther, M., Segal, A.C. Development of the polarimetric contrast enhancement optimization (OPCEC-FILTER) procedure and its application to sea surface scatter in POL-SAR image analysis 77484
Boerner, W.-M. *see* Mott, H. 67793
Boerner, W.-M. *see* Segal, A.C. 86555
Boerner, W.-M. *see* Yamaguchi, Y. 67794
Boero, M., Inkson, J.C. *I-V* characteristics of 1D-0D-1D double-barrier structures and persistence of fine structure at high temperatures 93319
Boero, M. *see* Manfredotti, C. 88052
Boers, J.E. A digital computer program for the simulation of positive or negative particle beams on a PC 66937
Boersma, G. *see* Rolia, J.A. 85303
Boertzel, A. *see* Selbach, E.P.J. 70582
Boesch, H.E., Jr. *see* Pennise, C.A. 93079
Boese, D. *see* Labadie, J.W. 91021
Boets, P., van Biesen, L. Non-parametric calibration of a time domain reflectometer 97827
Boettcher, C. *see* Marsh, J. 59476
Boettcher, C. *see* Tran, A. 62562
Boettcher, C.D. New policy and regulatory developments in satellite communications: innovations by the German Ministry of Posts and Telecommunications 65718
Boettcher, R. *see* Arlt, S. 80518
Boettger, E., Jiang, X., Klages, C.-P. High-field conductivity of polycrystalline diamond films 81180
Boettger, E. *see* Jiang, X. 79854
Boettiger, U., Fischer, T., Grassmann, A., Moritz, H. Aerial image analysis of quarter micron patterns on a 0.5 NA excimer stepper 71489
Boettle, D., Eilenberger, G., Fioretti, A., Masetti, F., Sotom, M. Towards all-optical networking 97335
Boeuf, J.P. *see* Pitchford, L. 76726
Boev, S.G., Lopatkin, S.A. Charge storage in low density polyethylene in strong electric fields 93695
Bogaard, A.van den *see* van den Bogaard, A.
Bogaard, J.M. Some physical and physiological aspects of lung sounds 67493
Bogachek, E.N. *see* Swahn, T. 71183
Bogachek, L.N. *see* Lititskii, V.A. 99030
Bogachenkov, V.A., Papadichev, V.A., Sinilschikova, I.V., Smith, O.A. Experimental investigation of an external feedback system for wavelength selection in a free-electron maser 50717
Bogachev, V.V., Leonov, V.N., Khrebtov, I.A. Thermal model for high-temperature superconducting antenna microbolometers 72228
Bogachev, Yu.P., Golembiovskii, S.A. The market for high-speed electric drives based on mechanotronic modules 69080
Bogacz, S.A. Superlattice crystal accelerator: acceleration beyond GeV/m 76362
Bogacz, S.A. Inverse FEL proton accelerator via periodically modulated crystal structure 98443
Bogaert, G., Meunier, R., Ledu, D., Angulo, C., Schulte, W.H., Aguer, P., Coc, A., Lefebvre, A., de Oliveira, F., Thibaud, J.P., Paradellis, T., Kossionides, E., Harissopulos, S., Galios, G. A 250 kV high current ion accelerator for applications in nuclear astrophysics 59020
Bogaert, J. *see* Bellon, E. 88473
Bogaerts, R. *see* Herlach, F. 82292
Bogart, J.Van *see* Van Bogart, J.
Bogatko, A.A. *see* Moroz, V.I. 98575
Bogatov, A.P. *see* Arzhanov, E.V. 83046
Bogatov, N. *see* Rybakov, E. 76657
Bogatskaya, I.M., Min'ko, A.A. Limit relationships between Chebyshev and Hahn polynomials 79654
Bogatu, V. *see* Goldenblum, A. 62316
Bogaty, J.M. *see* Pardo, R.C. 76297
Bogatyrev, M.V., Pustovit, V.P. The use of the Johnson distribution for the paired estimate of the electromagnetic compatibility of mobile radio stations 64168
Bogatyrjov, V.A. *see* Biriukov, A.S. 56336
Bogatyrjov, V.A. *see* Schell, P. 94510
Bogdan, F. *see* Boenig, H.J. 83537
Bogdan, S. *see* Crnosija, P. 90009
Bogdan, S. *see* Kovacic, Z. 69062
Bogdan, S. *see* Kovacic, Z. 90566
Bogdanov, A.V. *see* Andreev, N.I. 76575
Bogdanov, E.V. *see* Akimov, B.A. 49787
Bogdanov, S. *see* Giessen, H. 73014
Bogdanov, V.A. On the feasibility of utilising power-consumption data processing facilities for the calculation of power 99625
Bogdanov, Yu.I., Bogdanova, N.A., Zemtsovskii, S.I., Metlov, V.A., Mitrushchenkov, Yu.A., Podrezov, A.A. A statistical study of the time-to-failure of the gate dielectric under electrical stress conditions 81389
Bogdanov, Yu.V., Volodchenko, K.V., Papchenko, A.A., Sorokin, V.N. The mode stabilization in cavities with several variable lenses 72940
Bogdanova, N.A. *see* Bogdanov, Yu.I. 81389
Bogdanovich, V.I. *see* Inspektorov, E.M. 64239
Bogdanski, M. *see* Cardot, F. 63217
Bogden, D., Burns, S., Jackson, J. Methods for robust systems designs in engine emissions electronics 78970
Bogdenko, V.A. Magnetometer with a miniature ferrite sensor 53031
Boge, M. The status of polarization studies at HERA 66977
Bogen, S. *see* Biro, L.P. 49859
Bogenfeld, E. Trellis-encoded orthogonal frequency division multiplexing (OFDM) for terrestrial transmission of digital HDTV signals 58582
Bogenfeld, E., Valentin, R., Metzer, K., Sauer-Greff, W. Influence of nonlinear HPA on trellis-Coded OFDM for terrestrial broadcasting of digital HDTV 75745
Bogert, D., Fowler, W., Holmes, S., Martin, P., Pawlak, T. The status of the Fermilab Main Injector Project 87641
Boggess, J.E., III, Nation, P.B., Harmon, M.E. Compression of color information in digitized images using an artificial neural network 85088
Boggia, R. *see* Rasmussen, J. 89759
Boggild, P. *see* Boisen, A. 81288
Boggis, C. *see* Astley, S. 59271
Boggs, S.A. Thermal stability of a defect-tolerant dielectric 71861
Boggs, S.A. Theory of a field-limiting dielectric 71862
Boggs, S.A. *see* Xu, J.J. 93693
Boghosian, H. *see* Painter, T.A. 82446
Boghosian, H.A., Ciancetta, G.M., Bascunan, J., Rutman, G., Devernoe, A.L., Painter, T., Miller, J., Summers, L., Bonito-Oliva, A. Dummy coil development for the cable-in-conduit Nb_3Sn "outsert" coils of the 45 T hybrid magnet 82489

Bogli, U., Bachli, A., Blatter, A. An all carbon cathode for dc plasma chemical vapor deposition of diamond films 48975
Boglietti, A. PWM inverter fed induction motors losses evaluation 68587
Boglietti, A., Chiampi, M., Chiarabaglio, D. About the design of induction motors using voltage driven finite element technique 68586
Boglietti, A., Ferraris, P., Lazzari, M., Profumo, F. Effects of different modulation index on the iron losses in soft magnetic materials supplied by PWM inverter 54069
Boglietti, A., Ferraris, P., Lazzari, M., Profumo, F. Energetic behavior of induction motors fed by inverter supply 68599
Bognacz, S.A. Chromaticity compensation scheme for the main injector 66862
Bogner, G., Voigt, H. The development and applications of superconductors: the storage of energy and nuclear fusion 93907
Bogner, R. *see* Jihan Zhu 84187
Bogner, R.E. *see* Zyweck, A. 97372
Bogner, W. *see* Pobl, M. 70901
Bogoslovskaya, A.B. *see* Kolchanova, N.M. 50692
Bogoslovskii, A.P., Gedeonov, A.V., Mashikhin, A.D. DC thyristor electric drive with speed regulation on the basis of the load current 69156
Bogoyavlenskii, R.G., Breger, A.Kh., Putilov, A.V. The concept of complex utilization of nuclear fuel for the development of nuclear thermal engineering 99841
Bogoyavlenskii, R.G., Bylkin, B.K., Vinogradov, V.P., Grebennik, V.N., Gol'tsev, A.O., Mosevitskii, I.S. An ultimately safe local-grid NPP with a small reactor for the far North of Russia 89541
Bogsanyi, D. *see* Giroult-Matlakowski, G. 91556
Bogucka, H. Echo cancellation in fibre optic transmission in DSL 86406
Bogue, R. Developments in vibration sensors 59006
Bogue, R.W. Silicon sensors in Western Europe 87081
Bogumil, A. *see* Wolinski, T.R. 76255
Bogumil, A. *see* Wolinski, T.R. 98037
Bogunovic, N., Tulac, S. Object oriented approach to design of interactive intelligent instrumentation user interface 66123
Bogus, K. *see* Mullaney, K. 100741
Bogush, A.O. Simulation error in the probability estimate of a random event 91218
Boguslavskij, Yu.M. *see* Joosse, K. 50399
Boguslawsky, I.Z. Calculation of additional losses in modern AC machines 78532
Boguta, N.M., Ivanov, V.A., Noga, Yu.V., Ryabova, N.V., Ryabov, I.V., Uryadov, V.P., Shumayev, V.V. Use of an LFM ionosonde in an adaptive shortwave radio communications system 58280
Bogy, D.B., Xiaohan Yun, Knapp, B.J. Enhancement of head-disk interface durability by use of diamond-like carbon overcoats on the slider's rails 72137
Bogy, D.B. *see* Cha, E. 50317
Bogy, D.B. *see* Jeong, T.G. 50267
Bogy, D.B. *see* Strom, B.D. 93882
Bohacek, J. *see* Hartland, A. 86852
Bohacek, P., Duricek, L'., Tonko, P. Correction of electron drift mobility depth profiles for parasitic resistances in ion-implanted GaAs MESFET structures 62880
Bohan, M.J. *see* Hamaker, H.C. 71470
Bohanan, J. *see* Deis, G. 87958
Bohanon, J. *see* Heim, J. 88070
Bohineust, X., Linet, V., Dupuy, F. Development and application of holographic modal decomposition techniques to acoustic analysis of vehicle structures 73155
Bohl, T. *see* Bailey, R. 76434
Bohland, F. *see* Kunzmann, A. 49331
Bohler, C.L., Marton, B.I. Helium spectroscopy using an InGaAs laser diode 83136
Bohler, P. Television production: Evolution towards all digital systems 86713
Bohm, C., Appelquist, G., Zhao, X., Yamdagni, N., Hellman, S., Johansson, E., Sellden, B. A bit-serial first-level calorimeter trigger for an LHC detector 98679
Bohm, C., Lindgren, P., Ramfelt, L., Sjodin, P. Resource reservation in DTM 96228
Bohm, C., Roths, C., Kubalek, E. Contactless electrical characterization of MMICs by device internal electrical sampling scanning-force-microscopy 80805
Bohm, C., Roths, C., Muller, U., Beyer, A., Kubalek, E. Electrical characterization of integrated circuits by scanning force microscopy 55482
Bohm, C. *see* Alippi, C. 53346
Bohm, C. *see* Alippi, C. 67381
Bohm, C. *see* Borer, K. 76790
Bohm, C. *see* Dell'Acqua, A. 87955
Bohm, C. *see* Dell'Acqua, A. 98680
Bohm, C. *see* Larsson, S.A. 59361
Bohm, G., Gunzel, R. 50-kV pulse generator for plasma source ion implantation 67261
Bohm, G. *see* Geiger, H.-W. 72902
Bohm, G. *see* Godel, W. 61899
Bohm, G. *see* Hauser, M. 62293
Bohm, G. *see* Klein, W. 56024
Bohm, G. *see* Lettau, C. 93037
Bohm, G. *see* Schuster, R. 92995
Bohm, H. Fossil-fired power stations: status, requirements, development trends 53922
Bohm, H.-D.V. *see* Schreyer, H. 99090
Bohm, J. *see* Ambrosi, P. 67652
Bohm, J. *see* Kramer, H.M. 88596
Bohm, S., Elhakeem, A.K., Murthy, K.M.S., Hachicha, M. Performance of a prioritized on-board baseband switch for a multiservice multibeam satellite 86252
Bohm, S., Elhakeem, A.K., Murthy, K.M.S., Hachicha, M., Kadoch, M. Analysis of a movable boundary access technique for a multiservice multibeam satellite system 86253
Bohm, S., Elhakeem, A.K., Murthy, V.K.M. Analysis of a movable boundary random/DAMA accessing technique for future integrated services satellites 97191
Bohme, H. *see* Danikas, M.G. 82120
Bohme, J.F. *see* Kraus, D. 74103
Bohme, J.F. *see* Maiwald, D. 84460
Bohme, M. *see* Bausch, J. 89311
Bohme, W., Kohler, W.E., Romheld, M., Veprek, S., Seebock, R.J. Observation of dust particle growth and fallout in RF-excited silane discharges 49839
Bohn, C.L., Delayen, J.R. Fokker-Planck approach to the dynamics of mismatched charged-particle beams 87856
Bohn, C.L. *see* Delayen, J.R. 67081
Bohn, C.L. *see* Delayen, J.R. 76302
Bohn, P.P. *see* Das, S.K. 52712
Bohn, P.W. *see* Maslar, J.E. 71094
Bohn, R.G., Yuxin Li, Meilun Shao, Tabory, C.N., Zhirong Feng, Fischer, A., Compaan, A.D. Raman, photoluminescence, and SEM studies of CdS and CdTe films grown by RF sputtering and laser physical vapor deposition 100512
Bohn, R.G. *see* Compaan, A.D. 90434
Bohn, R.G. *see* Whitacre, J. 100660
Bohne, E.-M. *see* Kampert, K.-H. 98503
Bohne, W. *see* Pausch, G. 98513
Bohoris, G.A. Numerical differences in the survival probabilities obtained by the cumulative hazard and Kaplan-Meier estimators of the reliability function 48721
Bohoris, G.A. Gamma function tables for the estimation of the mean and standard deviation of the Weibull distribution 48722
Bohoris, G.A. Comparison of the cumulative-hazard and Kaplan-Meier estimators of the survivor function 69638
Bohorquez, J. *see* Bertrand, O. 53420
Bohrer, M.P. *see* Mixon, D.A. 81638
Bohrer, W. Drives connected to PROFIBUS. Communications with SIMATIC S5 via SINEC L2-DP 54170
Bohrer, W. Drive technology and PROFIBUS—communication via SINEC L2-DP 90477
Bohrer, W. Drive technology and PROFIBUS control and visualization 100865
Bohs, L.N. *see* Walker, W.F. 98769
Boiarsky, C., Grove, L., Northrop, B., Phillips, M., Myers, L. Men and women teaming up in the profession: how they communicate with each other in the workplace 90808
Boichenko, A.M., Skakun, V.S., Tarasenko, V.F., Fomin, E.A., Yakovlenko, S.I. Cylindrical excilamp pumped by a barrier discharge 78993
Boiko, V.I., Dolmatov, O.Yu., Shamanin, I.V., Yushitsin, K.V. High-current emitters synthesized by technological combustion 53140
Boiko, Y.B. *see* Solovjev, V.S. 57014
Boiko, Yu.V. Quality of electric energy of synchronous plug-flow MHD generators 99635
Boilot, J.-P. *see* Brunel, M. 63965
Boim Yoav *see* Yoav Boim
Boinepelli, H.K., Luderer, G.W.R. An algorithm for burst reservation packet service 96142
Boinet, J.P. Turnkey construction of trunk links using optical fibers 52466
Boinghoff, A. *see* Schrempp, W. 59477
Boireau, C. Standard or customised configurable governors 78495
Boisdon, C. *see* Peyraque, L. 90059
Boisen, A., Boggild, P., Kristensen, A., Lindelof, P.E. Nonlinear current-voltage characteristics at quantum Hall resistance minima 81288
Boisen, S., Bates, M. A practical methodology for the evaluation of spoken language systems 51409
Boissevain, J. *see* Britton, C.L. 71809
Boissevain, J. *see* Fields, D.E. 98522
Boissevain, J. *see* Lock, J.S. 67366
Boissevain, J. *see* van Hecke, H. 67350
Boissevain, J.G. *see* Ziock, H.J. 76767
Boisvert, R.R. *see* Lyons, W.G. 93933
Boite, R. *see* Yang, G. 73875
Boiteux, J.P., Brown, P., Ciapala, E., Frischholz, H., Geschonke, G., Juillard, J.C., Peschardt, E. Longitudinal feedback in LEP 76505
Boitsov, S.K., Osipov, V.Yu., Makarova, T.L. On tunneling through an intermediate (17-30 Å) oxide film in silicon SiOSi structures 62340
Boivin, M. *see* Garber, M. 82418
Boix, R.R. *see* Martel, J. 49672
Boj, P.G., Crespo, J., Satorre, M.A., Quintana, J.A. Double-layer method for increasing the bandwidth of UV spectrally responsive holograms in dichromated gelatin 56939
Boj, S., Delevaque, E., Allain, J.Y., Bayon, J.F., Niay, P., Bernage, P. High efficiency diode pumped thulium-doped silica fibre lasers with intracore Bragg gratings in the 1.9-2.1 μm band 63741
Boj, S. *see* Poignant, H. 72788
Boj, S. *see* Taunay, T. 82583
Bojan, L.M. *see* Burileanu, C. 73914
Bojanczyk, A.W. *see* Olszanskyj, S.J. 69788
Bojarczuk, N. *see* Gambino, R.J. 72060
Bojcun, M. *see* Simek, J. 61785
Bojkovic, Z., Milovanovic, D., Samcovic, A. On a bound on signal-to-noise ratio in subband coding of Gaussian image process 85168
Bojkovic, Z. *see* Milovanovic, D. 74271
Bojkovic, Z.S. Digital HDTV system compression 75725
Bojna, I., Jahn, P. The RMS method and its application to the evaluation of errors of instrument transformers at nonsinusoidal waveforms 54061
Bok, J. *see* Bernstein, P. 82380
Bok-Hee Lee, Kawamura, T., Ishii, M. V-t characteristics of SF_6 gap disturbed by a needle-shaped protrusion under oscillating transient overvoltages 68907
Bokhan, P.A., Zakrevsky, D.E. Investigations of the collisional He+Eu II laser with longitudinal gas discharge excitation at the pressures up to 5 atm 94357
Bokhoven, W.M.G.van *see* van Bokhoven, W.M.G.
Bokk, N.E., Cherepov, E.I. Avalanche-mode metal-insulator-semiconductor transistor operating in the temperature range 4.2-40K 81932
Bokor, J. *see* Park, B.G. 62227
Bokota, A., Iskierka, S. Finite element method for solving diffusion-convection problems in the presence of a moving heat point source 79751
Bokov, A.A., Shpak, L.A., Raevskii, I.P. Use of $A^{2+}B^{4+}O_3$ additives for preparing ferroelectric capacitor ceramics based on lead ferroniobate 49685
Boksha, V. *see* Axelrad, V. 71510
Boksha, V.V., Sharendo, A.I., Obukhov, V.E., Tochitsky, E.I. Influence of adjustment accuracy on the image quality for laser cluster systems of microlithography 62588
Boksha, V.V., Sharendo, A.I., Obukhov, V.E., Tochitsky, E.I., Baranov, A.V. Dry patterning of resistive masks and topological structures 62587
Bokshtein, I.M. A method for image description compression without loss of information 57690
Bol, A. *see* Macq, B. 98825
Bol, H., Plompen, R. Multimedia desktop communications 96420
Bolam, R.J. *see* Abadeer, W.W. 71703
Boland, J.W., Ringeisen, R.D. On super i-connected graphs 61104
Boland, K., Dollas, A. Predicting and precluding problems with memory latency 70544
Boland, R.J. Case study: strategy formulation [change management] 48614
Bolanowski, B. *see* Tarczynski, W. 90233
Bolanowski, S.J. *see* Pietras, B.W. 76914
Bolas, M.T. Human factors in the design of an immersive display 53002
Bolasna, S.A. *see* Chhabra, D.S. 72144
Bolay, H. *see* Harle, V. 55624
Bolbach, G., Blais, J.C., Clemendot, S.C., Barraud, A. Static SIMS studies of Langmuir-Blodgett gas sensors 52972
Bolbach, G. *see* Clemendot, S. 66578
Bolchini, C., Fummi, F., Sciuto, D. Two-dimensional sequential array architectures: design for testability and reconfiguration issues 70434
Bold, B.S. *see* Gaston, G.J. 62753
Boldea, I., Fu, Z.X., Nasar, S.A. Performance evaluation of axially-laminated anisotropic (ALA) rotor reluctance synchronous motors 78891
Boldea, I. *see* Lagerquist, R. 68582
Boldea, I. *see* Lagerquist, R. 69053
Boldea, V. *see* Ariztizabal, F. 98518
Bolden, E.A. *see* Merzbacher, C.I. 63339
Bolduc, P., Lehmicke, D., Smith, J. Performance of a grid-connected PV system with energy storage 99995
Bole, S. *see* Bird, M.D. 83547
Bole, S. *see* Bird, M.D. 83549
Bole, S. *see* Miller, J.R. 82404
Bolender, N., Hackett, A., Heimburger, C., Knee, M. Motion content of transmitted TV images: a statistical survey 97543
Boles, D. *see* Shea, J.J. 66114
Boles, W.W. *see* Al-Hamadi, H. 74544
Boley, C.D. *see* Chang, J.J. 82901
Bolger, J.C., Gilleo, K. Area bonding conductive epoxy adhesive preforms for grid array and MCM substrate attach 48682
Bolick, K. *see* Kizakevich, P.N. 77013
Boliek, M. *see* Schwartz, E.L. 65481
Bolin, K. *see* Kohli, S. 67958
Bolin, W. *see* Nelson, J.P. 60424
Bolink, H.J. *see* Malliaras, G.G. 72564
Bolioli, S. *see* Douchin, N. 73355

Boliong Chen, Makoto Matsumoto, Jianfang Wang, Zhongfu Zhang, Jianxun Zhang A short proof of Nash-Williams's Theorem for the arboricity of a graph 48797
Bolisani, E., Gottardi, G., Scarso, E. Sharing in telematic network organizations: Opportunities and entry barriers 96293
Bolkowski, S. *see* Rawa, H. 88940
Bollaert, S., Legris, P., Delos, E., Cappy, A., Debray, P., Blanchet, J. Design, fabrication, and characterization of striped channel HEMT's 93493
Bollapragada, S. *see* Vijaya Kumar, B.V.K. 51672
Bolle, D.M. *see* Alexander, C.K. 69368
Bolle, G., Codastefano, P., Paradossi, G. A photometer for the measurement of elastically scattered light from macromolecules in solution 87239
Bolle, R.M. *see* Hecker, Y.C. 84611
Bolle, R.M. *see* Jae Chang Shim 64871
Bollen, G. *see* Carlberg, C. 88261
Bollen, M.H.J. Reliability analysis of industrial power systems taking into account voltage sags 67980
Bollen, M.H.J. Reliability analysis of industrial power systems with sensitive loads 88967
Boller, K.-J. *see* Beier, B. 56670
Boller, K.-J. *see* Schroder, T. 56872
Bollereau, M.J., Bourdon, J.L., Dupre La Tour, N. Equipment for multiservice access networks 96906
Bollero, A., Caviglia, F., Guglielmina, M., Suino, D., Esposto, F., Nanni, F. Interferometric analysis of optical connector end surface 50464
Bollig, B. *see* Lakner, H. 81314
Bolling, I.A., Martini, E. Recent chemical developments in benchtop applications 81041
Bollinger, J.J. *see* Tan, J.N. 86906
Bollinger, L.M. *see* Pardo, R.C. 76297
Bollinger, S.W., Midkiff, S.F. Test generation for I_{DDQ} testing of bridging faults in CMOS circuits 92078
Bollmann, D. *see* Takai, M. 55731
Bollock, R.L. *see* Cackovic, D.L. 53088
Bollong, B. *see* Steiner, T.W. 81242
Bollu, M. *see* Miura-Mattausch, M. 91824
Bolme, G.O. *see* Johnson, K.F. 76415
Bolme, G.O. *see* Johnson, K.F. 76427
Bolmont, D. *see* Diani, M. 49883
Bolmusov, Yu.D. *see* Golub, V.S. 83907
Bolognani, S., Zigliotto, M. Fuzzy logic control of a switched reluctance motor drive 69098
Bolognesi, G., Irrera, F., Palms, F., Tucci, M. A correlation study between photodegradation and material quality in amorphous silicon p-i-n solar cells 100544
Bolognesi, V. *see* Amidei, D. 98639
Boloorian, M., McGeehan, J.P., Wilkinson, R.J. Dynamic performance evaluation of the Cartesian feedback linear transmitter 52435
Bolot, J.-C. A self-tuning regulator for adaptive overload control in communication networks 64992
Bolot, J.-C., Turletti, T. A rate control mechanism for packet video in the Internet 65328
Bolotin, V.A. Modeling call holding time distributions for CCS network design and performance analysis 51874
Bolotin, V.A., Kuhn, P.J., Pack, C.D., Skoog, R.A. Guest editorial. Common channel signaling networks: performance, engineering protocols, and capacity management 51882
Bolotnikov, A. *see* Aprile, E. 67331
Bolotnikov, A.E., Chernysheva, I.V., Dmitrenko, V.V., Galper, A.M., Gratchev, V.M., Krivov, S.V., Kondakova, O.N., Lyagushin, V.I., Shmatov, G.A., Sutchkov, S.I., Ulin, S.E., Uteshev, Z.M., Vlasik, K.F., Yurkin, Yu.T. The high pressure xenon detector for gamma-ray astronomy on board the orbital station 'MIR' 67415
Bolotnikov, A.E. *see* Ulin, S.E. 88134
Bolozdynya, A. *see* Chen, M. 67340
Bolozdynya, A. *see* Chen, M. 67349
Bolozdynya, A.I. *see* Akimov, D.Yu. 67344
Bolsens, I. *see* Cools, K. 95102
Bolsens, I. *see* Goossens, G. 91837
Bolshtyansky, M.A. *see* Churikov, V.M. 63973
Bolt, N. *see* Adlhoch, W. 89685
Bolte, M. *see* Manivannan, G. 56999
Bolte, M. *see* Manivannan, G. 83389
Boltniew, E. *see* McLaughlin, D.J. 86545
Bolton, A.G., Martin, N.S., Jain, L.C. A technique for enhanced slant range resolution for SAR systems in knowledge-based environment 84612
Bolton, M. *see* Pardey, J. 92065
Boltonikov, A. *see* Aprile, E. 67342
Bolyukh, V.F. Excitation of a cryoresistive winding from a capacitive store with a magnetically-coupled circuit 78568
Bom, V.R. *see* Hollander, R.W. 81165
Bom, V.R. *see* Okx, W.J.C. 59106
Bom, V.R. *see* van Sonsbeek, R. 88094
Boman, E.C. *see* Griffin, M.F. 86553
Bombach, R. *see* Hubschmid, W. 82999
Bombana, M., Buonanno, G., Cavalloro, P., Ferrandi, F., Sciuto, D., Zaza, G. ALADIN: a multilevel testability analyzer for VLSI system design 55049
Bombara, R. Switch matrix simplifies scope setups 52977
Bomer, L., Antweiler, M. Perfect three-level and three-phase sequences and arrays 51355
Bomholt, L.H. *see* Kuster, N. 64060
Boming Zhang *see* Zhang Boming
Bommel, F. *see* Schambach, J. 56257
Bommes, H.-W. The evolution of corporate networks 85817
Bon Hoa, D.Hui *see* Hui Bon Hoa, D.
Bon Mardion, G. *see* Martinez, A. 93997
Bona, B., Brusa, E., Canestrelli, P., Genta, G., Tonoli, A. Finite element modeling and experimental validation of an elastic beam with surface bonded piezoelectric devices 93811
Bona, B., Indri, M., Tornambe, A. Piezoelectric materials: continuous-time and discrete-time dynamic models and control 82156
Bona, G.L. *see* Kozlovsky, W.J. 72889
Bona, M. *see* Acerbi, E. 76344
Bonacker, M., Schubert-Alshuth, E., Jaschinski, W. Precise placement of nonius lines on a personal computer screen for measuring fixation disparity 98754
Bonaldi, M. *see* Pignatel, G.U. 58750
Bonan, G. *see* Way, J. 77297
Bonani, F., Ghione, G. An extended Fukui-like formula for the minimum-noise figure of microwave FETs 70886
Bonani, F., Ghione, G., Naldi, C.U., Schnell, R.D., Siweris, H.J. HEMT short-gate noise modelling and parametric analysis of NF performance limits 62888
Bonani, F., Ghione, G., Pirola, M., Naldi, C.U. A new, efficient approach to the large-scale thermal modeling of III-V devices and integrated circuits 93300
Bonanni, B. *see* Emiliani, V. 62237
Bonanni, B. *see* Ying-Lan Chang 55593
Bonanni, R. *see* Grimes, G.J. 94314
Bonanno, G. *see* Naletto, G. 87279
Bonar, J.M., Parker, G.J. The epitaxial quality of silicon grown by LPCVD as a function of ex-situ wafer preparation 79832
Bonasia, P.J. *see* Seligson, A.L. 49006
Bonatti, M., Gaivoronski, A., Lemonche, P., Polese, P. Summary of some traffic engineering studies carried out within RACE Project R1044 58000
Bonatti, M., Gaivoronski, A.A. Guaranteed approximation of Markov chains with applications to multiplexer engineering in ATM networks 65512
Bonaventure, O. *see* Danthine, A. 65355
Boncek, R.K., Krol, M.F., Johns, S.T., Stacy, J.L., Hayduk, M.J. Gigabit optical interconnects for LAN applications 65823
Boncek, R.K., Prucnal, P.R., Bononi, A., Solokoff, J.P., Stacy, J.L., Bare, H.F. 1.24416 Gbit/s demonstration of a transparent optical ATM packet switch node 52584
Boncelet, C.C., Jr. *see* Hakami, M.R. 55342
Boncyk, W.C. *see* Wang, J.R. 77399
Bond, A. Business television impacting the corporate bottom line 85928
Bond, A.E.J. The UK's regulations for compliance with the EC directive on electromagnetic compatibility (89/336/EEC) 51134
Bond, A.E.J. UK implementation of the EMC Directive 73364
Bond, J., Hui, S., Stein, D., Zeidler, J. A unified theory of adaptive locally optimum processing 95566
Bond, J. *see* Jiang, H. 99474
Bond, J.A. *see* Jiang, H. 89042
Bond, R.A., Pearce, A.J., Martin, A.R. Space plasma interactions with high voltage solar arrays and large structures 67735
Bond, W.E., St. Clair, D.C., Amirfathi, M.M., Merz, C.J., Aylward, S. Neural network analysis of nondestructive evaluation patterns 99068
Bond, W.E. *see* Dooley, J.F. 48764
Bond, Z.S., Moore, T.J. A note on the acoustic-phonetic characteristics of inadvertently clear speech 95231
Bondar, I., Toth, L. The new Hungarian open seismological station (Piszkes, PSZ) 67760
Bondar, I.V. *see* Gremenok, V.F. 49789
Bondarenko, A.F., Komarov, A.N., Mashanskii, A.M., Portnoi, M.G. Frequency and tie-line power control with parallel operation of the power systems of Russia and Eastern and Western Europe 77917
Bondarenko, A.F., Komarov, A.N., Mashanskii, A.M., Portnoi, M.G. Frequency and power cross-flow control under parallel operation of power pools of Russia and Eastern and Western Europe 99503
Bondarenko, E.A. *see* Kutin, V.M. 99692
Bondarenko, I., Castaldini, A., Cavallini, A. EBIC and IRBIC investigations of diffusion length inhomogeneities in deformed and annealed silicon 81214
Bondarenko, V.A., Dolnikov, V.L. Fractal image compression by the Barnsley-Sloan method 95836
Bondarenko, V.I., Pisanko, V.V., Katsalap, S.M. Discrete electric drive with microprocessor control 60494
Bondarenko, V.I., Pisarenko, V.V., Kondrat'ev, S.G. Microprocessor-controlled discrete drive for a robot-palletiser operating in a rectangular system of coordinates 90559
Bondarenko, V.P., Vorozov, N.N., Dikareva, V.V., Dorofeev, A.M., Levchenko, V.I., Postnova, L.I., Troyanova, G.N. Heteroepitaxial growth of lead sulfide on silicon 69982
Bondarenko, Yu.N. *see* Voitekh, A.A. 90001
Bondarev, B.I. *see* Andreev, V.G. 67224
Bonde, A.R., Jr., Ghosh, S. A comparative study of fuzzy versus "fixed" thresholds for robust queue management in cell-switching networks 96210
Bondi, J.O. *see* Sullivan, M.F. 55078
Bondi, M., Mantovani, F., Sherwood, W., Tzioumis, A., Venturi, T. Amplitude calibration of the European VLBI network 58518
Bondon, P. Polynomial estimation of the amplitude of a signal 74172
Bondon, P., Combettes, P.L., Picinbono, B. Volterra prediction models and higher order whiteness 84428
Bondonno, M., De Paola, M., Gabrielli, L., Paglieri, E., Pinnola, A. CCS#7 MTP congestion and overload handling in different STP architectures 74829
Bondonno, M., De Paola, M., Gabrielli, L., Paglieri, E., Pinnola, A.. CCS#7 MTP congestion and overload handling in different STP architectures 85508
Bondurant, D.W. A way out of the waiting loop: EDRAMs make memory architectures faster 80345
Bondurant, R.S. *see* Swanson, E.A. 94618
Bone, D. *see* Kawakami, H. 87192
Boned, C. *see* Saidi, Z. 76145
Bonefacic, D. *see* Sipus, Z. 95004
Bonek, E. *see* Fuhl, J. 96547
Bonek, P., Ivanov, A., Kallel, S. A variable rate constraint length K=5 Viterbi decoder for 12 Mb/s 96866
Bonen, A., Saad, R.E., Smith, K.C., Benhabib, B. Novel approach for increased dynamic range in optoelectronic sensing applications 87116
Bonenfant, S., Chevalier, A., Goldberg, M., Guenel, P., Hutzler, B., Imbernon, E., Nicolau, J. Effect of electric and magnetic fields: summary of a study 77092
Bonert, R., Lavers, J.D. Simple starting scheme for a parallel resonance inverter for induction heating 79014
Bonert, R., Wang, F.X. Self controlled induction motor drive with variable DC link voltage 60540
Bonert, R. *see* Dawson, F.P. 70291
Bonett, D.G., Woodward, J.A. Sequential defect removal sampling 69622
Bonetti, R.R., Williams, A.E. Advances in microwave active filters 80757
Bonetti, S. *see* Ranucci, G. 98551
Boney, C. *see* Eason, D.B. 72634
Boney, C. *see* Ren, J. 69943
Bong, T.Y. *see* Wu, G. 60628
Bong Fung Ko *see* Ko Bong Fung
Bong Koo Kang *see* Taek Moo Kim 72448
Bong Lak Lee *see* Yong Dal Shin 74448
Bong Ryul Kim *see* Dong Ryul Ryu 81900
Bong Ryul Kim *see* Kwang Sun Yang 71685
Bong ryul Kim *see* Kwang sun Yang 71686
Bong Ryul Kim *see* Woo Pyo Jeong 81864
Bong Ryul Kim *see* Woo Pyo Jeong 93390
Bong Sik Hong *see* Jang Ryeol Ryu 71684
Bong-Hwan Oh, Ishikawa, K., Hayakawa, N., Okubo, H., Kito, Y. Current distribution in superconducting multistrands for AC use before and after quenching 89298
Bong-Sik Jeong *see* Chang-Hoi Ahn 83608
Bong-Sik Jeong *see* Hyuek-Jae Lee 83620
Bongaerts, P.F.G. *see* de Leeuw, D.M. 93270
Bongers, M.M.G. *see* Olsthoorn, S.M. 91448
Bongers, P.M.M., van Baars, G.E., Dijkstra, S. Load reduction in a wind energy conversion system using an H_∞ controller 100047
Bongers, P.M.M. *see* Kraan, I. 89766
Bongers, P.M.M. *see* van Baars, G.E. 78520
Bongers, P.M.M. *see* van Baars, G.E. 89767
Bongjin Jung, Yongjin Jeong, Burleson, W.P. Distributed control synthesis for data-dependent iterative algorithms 82046
Bongrain, P., Lesbroussart, F. The universal tariff processor concept 89388
Bonhomme, G. *see* Hellemans, R. 90623
Boni, A., Chiorboli, G., Franco, G., Mazzoleni, S., Ostacoli, M. Physical modeling of linearity errors for the diagnosis of high resolution R-2R D/A converters 49505
Boni, R. *see* Bartalucci, S. 67061
Boni, R. *see* Whitham, K. 67009
Boni, R.De *see* De Boni, R.
Bonicel, J.-P. Optical fiber ribbon cable technology 52467
Bonicel, J.-P. Optical ground wires and self-supporting all-dielectric fiber optic cables 52468
Bonicelli, T., Timmert, H.-P. GTO power amplifier for automatic plasma control in the JET nuclear fusion experiment 99913

Bonicelli, T. *see* Last, J.R. 83541
Bonifaci, N., Denat, A., Atrazhev, V.M. Work functions for a HV cathode in nonpolar liquids 81128
Bonifaci, N. *see* Hernandez-Avila, J.L. 63048
Bonifacio, R. *see* Acerbi, E. 63871
Bonifacio, R. *see* Winick, H. 83178
Bonifazi, C., Svelto, F., Sabbagh, J. TSS Core Equipment I. Electrodynamic package and rationale for system electrodynamic analysis 88631
Bonifazi, C. *see* Bergamaschi, S. 88636
Bonilla, L.L., Cantalapiedra, I.R., Bergmann, M.J., Teitsworth, S.W. Onset of current oscillations in extrinsic semiconductors under DC voltage bias 62156
Bonilla, L.L., Galan, J., Cuesta, J.A., Martinez, F.C., Molera, J.M. Dynamics of electric-field domains and oscillations of the photocurrent in a simple superlattice model 93000
Bonin, B., Henriot, C., Antoine, C., Coadou, B., Koechlin, F., Rodriguez, J.P., Lemaitre, E., Greiner, P. A new surface treatment for niobium superconducting cavities 67067
Bonin, B. *see* Jimenez, M. 55504
Boning, D.S., Mozumder, P.K. DOE/Opt: a system for design of experiments, response surface modeling, and optimization using process and device simulation 62355
Bonino, R. *see* Anghinolfi, F. 53345
Bonino, R. *see* Anghinolfi, F. 88228
Bonino, R. *see* Anghinolfi, F. 98663
Bonino, R. *see* Bates, S.J. 53308
Bonino, R. *see* Borer, K. 53347
Bonino, R. *see* Borer, K. 98687
Bonito Oliva, A. *see* della Corte, A. 82441
Bonito Oliva, A. *see* Van Sciver, S.W. 94003
Bonito-Oliva, A., Gorbunov, M.B., Iyengar, K., Miller, J., Van Sciver, S.W., Welton, S. Thermal analysis of the superconducting outsert of the NHMFL 45-T hybrid magnet system 94025
Bonito-Oliva, A. *see* Boghosian, H.A. 82489
Bonito-Oliva, A. *see* Miller, J.R. 82404
Bonito-Oliva, A. *see* Painter, T.A. 82446
Bonjour, C. *see* Hoummady, M. 98323
Bonjour, D. *see* Houdoin, T. 74804
Bonk, D. *see* Robertson, A. 60112
Bonk, D.L. *see* Horazak, D.A. 89557
Bonk, J., Brockhaus, H., Glasmachers, A., Rolfes, P. Trigger circuit for time of flight-detectors using pulsewidth encoding 59181
Bonlie, J.D., White, W.E., Price, D.F., Reitze, D.H. Chirped-pulse amplification with flashlamp-pumped Ti:sapphire amplifiers 82986
Bonmann, D. *see* Hornfeldt, S. 60275
Bonn, F. *see* Williams, M. 70915
Bonnafe, J. *see* Fillard, J.P. 81419
Bonnafond, C. *see* de Mascureau, J. 67025
Bonnafond, C. *see* de Mascureau, J. 76437
Bonnafond, C. *see* Eyharts, Ph. 66799
Bonnaire, R., Perrin, H., Poc Paget, M.M., Urtasun, M. From ideal to real in the teaching of electronics through computer simulated experiments 79187
Bonnal, J.-F. *see* Cesarsky, C.J. 52955
Bonnano, C.J., Longya Xu, Xingyi Xu Robust, parameter insensitive position sensorless field orientation control of the induction machine 100848
Bonnaud, O. *see* Benamara, Z. 81877
Bonnaud, O. *see* Mostefa, D. 81181
Bonne, U., Fritsch, K. Microanemometer for flow measurement of gases 75914
Bonneau, P. *see* Doughty, D.C. 59187
Bonnecaze, A., Sole, P. Quaternary constructions of formally self-dual binary codes and unimodular lattices 73647
Bonnefoy, T. *see* Aubertin, L. 52020
Bonnel, M. *see* Plevert, L. 81398
Bonnel, M. *see* Stoemenos, J. 81396
Bonnell, D.A. *see* Carroll, D.L. 93267
Bonnell, R.D. *see* Kukkal, P. 54602
Bonnell, R.D. *see* Russomanno, D.J. 54612
Bonnell, R.D. *see* Savakoor, D.S. 54597
Bonnenberg, H. *see* Zimmermann, R. 49487
Bonner, M. Call centres — doing better business by telephone 85598
Bonner, T. *see* Meyer, E. 71069
Bonner, W.A., Lent, B., Freschi, D.J., Hoke, W. Substrate quality ternary III-V single crystals for II-VI device applications: Growth and characterization 91520
Bonner, W.A. *see* Yilmaz, S. 82712
Bonnet, M. *see* Mboup, M. 95376
Bonnet, P. *see* Bate, J.-M. 82488
Bonnet, P. *see* Verhaege, T. 89292
Bonnet-Bendhia, A.-S., Djellouli, R. High-frequency asymptotics of guided modes in optical fibres 72299
Bonnett, A.H. An update on AC induction motor efficiency 60232
Bonnett, A.H. Energy Policy Act of 1992 review as it pertains to AC induction motors 78636
Bonnett, A.H. Analysis of the impact of pulse-width modulated inverter voltage waveforms on AC induction motors 78883
Bonnett, A.H. An update on AC induction motor efficiency 90536
Bonnier, D. *see* Forand, J.L. 99236
Bonnin, C. *see* Boulanger, B. 56890
Bonnington, C.P. The relative maximum genus of a graph 48771
Bonnoit, A., Kielbasa, R. Performance evaluation of logic circuits using MIS transistors 70355
Bonnot, A.M., Mathis, B.S., Moulin, S. Growth kinetic analysis of diamond films by in-situ elastic scattering of light and reflectivity 70085
Bonnot, A.M. *see* Moulin, S. 70116
Bonnyman, J., Curtis, K.M., Bailly, G. A neural network application for the analysis and synthesis of multilingual speech 95307
Bono, P.J.Di *see* Di Bono, P.J.
Bonomi, F.G. *see* Hernandez-Valencia, E.J. 74658
Bononi, A., Prucnal, P.R. New structures of the optical node in multihop transparent optical networks with deflection routing 65321
Bononi, A. *see* Boncek, R.K. 52584
Bononi, A. *see* Forghieri, F. 52507
Bons, J.H., Prasad, R. Enhanced differential chain coding for transmission of high quality line graphics 57742
Bons, J.H. *see* de-Ridder-de-Groote, M.J. 58550
Bonse, M.H.W., Zhu, F., Spronck, J.W. A new two-dimensional capacitive position transducer 58685
Bonse, T. Visually adapted temporal subsampling of motion information 74318
Bonser, W. *see* Desourdis, R.I., Jr. 75386
Bonte, B. *see* Gaquiere, C. 56025
Bonuccelli, M.A. *see* Barcaccia, P. 85237
Bonutti, F., Buttazzoni, S., Camerini, P., Grion, N., Rui, R. The CHAOS Fast Trigger. An array of telescopes for e, π and p mass identification in the intermediate energy region 98540
Bonvalot, B. *see* Seibert, K. 66381
Bonvicini, G. A solar neutrino experiment with neutrino energy resolution 59167
Bonzel, H.P. *see* Scheuch, V. 91445
Bonzi, P., Depero, L.E., Parmigiani, F., Perego, C., Sberveglieri, G., Quattroni, G. Formation and structure of tin-iron oxide thin film CO sensors 87331
Boo Su Il *see* Su Il Boo
Boo Youn Choi *see* Doh Hoon Kim 71536
Booche, F. Automatic DTM generation from spaceborne KFA 1000 images — a contribution to the establishment of a digital landscape model 67779
Boogaard, A.van den *see* van den Boogaard, A.
Boohan, R. Using computer-based questionnaires to diagnose students' models of electricity 79183
Booi, P.A.A., Benz, S.P. Emission linewidth measurements of two-dimensional array Josephson oscillators 50398
Booi, P.A.A. *see* Wiesenfeld, K. 91935
Booker, D.R. *see* Bellmore, M.A. 88784
Booker, G.R. *see* Dellith, M. 80335
Booker, G.R. *see* Giles, L.F. 93238
Booker, G.R. *see* Marsh, C.D. 81446
Booker, G.R. *see* Philips, B.A. 61299
Booker, G.R. *see* Tae-Yeon Seong 71095
Booker, G.R. *see* Yupu Li 49831
Booker, S.M., Lambert, A.P., Smith, P.D. A numerical calculation of transient antenna impedance 51217
Booker, S.R. *see* Oldham, N.M. 97755
Bookstein, A., Klein, S.T., Raita, T. Markov models for clusters in concordance compression 57887
Bookstein, A., Ravichandra Rao, I.K., Patil, M.D. Can random fluctuation be exploited in data compression? 95160
Boom, P.A.van den *see* van den Boom, P.A.
Boomgaard, R.Van den *see* Van den Boomgaard, R.
Boon Goh Wooi *see* Wooi Boon Goh
Boon Liang, Griffith, M. At your service: new public network access 96664
Boon Lim Swee *see* Swee Boon Lim
Boon Low Hwee *see* Hwee Boon Low
Boon Teck Ooi *see* Kuang, J. 68188
Boon Yong Ang *see* Leng Seow Tan 71715
Boon-Teck Ooi *see* Lopes, L.A.C. 99642
Boon-Teck Ooi *see* Veas, D.R. 60321
Boon-Teck Ooi *see* Yan Guo 53642
Boon-Teck Ooi *see* Yan Guo 68850
Boon-Teck Ooi *see* Yan Guo 78554
Boon-Teck Ooi *see* Yan Guo 92254
Boone, B.G. *see* Grabow, B.E. 56286
Boone, B.G. *see* Grabow, B.E. 63310
Boone, E. *see* De Mey, G. 62025
Boone, J.L., Cantwell, G., Harsch, W.C., Thomas, J.E., Foreman, B.A. Electrical and crystallographic characterization of CdTe grown by the vapor transport method 48897
Boone, K., Lewis, A.M., Holder, D.S. Imaging of cortical spreading depression by EIT: implications for localization of epileptic foci 67582
Boone, T. *see* Blayo, N. 71320
Boone, T. *see* Gossmann, H.-J. 81422
Boonekamp, E.P., Kelly, J.J., van de Ven, J., Sondag, A.H.M. The chemical oxidation of hydrogen-terminated silicon (111) surfaces in water studied in situ with Fourier transform infrared spectroscopy 71334
Boonzaaier, J.J., Pistonius, C.W.I. Finite-difference time-domain field approximations for thin wires with a lossy coating 51203
Boopathi, V. *see* Vasu, R.M. 74324
Boorstyn, R.R. *see* Dimitrijevic, D.D. 85358
Boos, E. *see* Gingrich, D. 53291
Boos, J.B. *see* Kruppa, W. 56035
Boos, J.B. *see* Kruppa, W. 71741
Booske, J.H. *see* Cohen, K.P. 59360
Booske, J.H. *see* McVey, B.D. 70825
Booske, J.H. *see* Zhang, L. 71311
Boot, A.J. *see* van Deventer, M.O. 63366
Booth, B.L. *see* Thomson, J.E. 50714
Booth, C., McDonald, J.R., Stewart, R.W., Laycock, W.J., Bennett, K. Enhanced power system control and management via intelligent substations 59812
Booth, C.N. *see* Beaumont, S.P. 88037
Booth, D.J. *see* Bowkett, G.C. 63753
Booth, D.J. *see* Philp, W.R. 66379
Booth, G. *see* Mundinger, H.-J. 62363
Booth, I.J., Booth, K.H.V. Using neural nets to identify marine mammals 88828
Booth, I.J., Trevorrow, M.V. A coherent averaging technique for resolving directional wave spectra 99234
Booth, K.G. *see* Sandwith, C.J. 86605
Booth, K.H.V. *see* Booth, I.J. 88828
Booth, K.S. *see* Johnston, B. 67476
Booth, L. *see* Saraswat, K.C. 62352
Booth, N. *see* Unsworth, J. 91651
Booth, N.A. *see* Stephenson, A. 71960
Booth, N.E., Brink, P.L., Gaitskell, R.J., Goldie, D.J., Hahn, A.D., Salmon, G.L., Swift, A.M. Low temperature detectors for elementary particles 59060
Booth, N.E. *see* Goldie, D.J. 63304
Booth, N.E. *see* Goldie, D.J. 76865
Booth, N.E. *see* Swift, A.M. 59165
Booth, T., Pfutzner, H. Characteristics of transformer core materials for flux normal to the sheet plane 63140
Booth, T. *see* Loffler, F. 68669
Booth, T. *see* Loffler, F. 72171
Booth, T. *see* Pfutzner, H. 90062
Boothroyd, A. *see* Waldstein, R.S. 84150
Boothroyd, A.R. *see* Kendall, J.D. 50033
Boothroyd, C.B. *see* Chen, G.S. 81741
Boothroyd, S. *see* Chan, L. 94048
Boothroyd, S.A. *see* MacDonald, R.P. 94226
Boothroyd, S.A. *see* Paparao, P. 50613
Boothroyd, S.A. *see* Wartak, M.S. 94611
Booton, R.C. *see* Jankovic, D. 94763
Booton, R.C. *see* Thng, C.H. 94916
Booton, R.C., Jr. *see* Perry, R.M. 80654
Bootsma, T.M.V., van den Brink, A., de Haas, A.P., Kamermans, R., Kuijer, P.G., de Laat, C.T.A.M., van Nieuwenhuizen, G.J., Ostendorf, R., Snellings, R.J.M., Twenhofel, C.J.W., Peghaire, A. A time projection chamber with microstrip read-out 98638
Booysen, A., Swart, P.L., Spammer, S.J. Wavelength insensitive fiber optic sensor based on an axially strained fused coupler 87208
Booysen, A., Swart, P.L., Spammer, S.J., Meyer, J. New ring resonator gyroscope utilizing a double cavity and a low coherence length source 76038
Boozer, A.D. *see* Tang, X.Z. 74050
Boping Hu *see* Jifan Hu 72000
Bopp, D., McDaniel, M.M., Hill, J.D., Peterson, J.P. The gray market trojan horse [equipment reconditioning] 60645
Bopp, G. *see* Goetzberger, A. 99994
Boppana, V., Fuchs, W.K. Fault dictionary compaction by output sequence removal 91838
Boquillon, J.P., Musset, O. Flashlamp-pumped Ti:sapphire laser: influence of the rod figure of merit and Ti^{3+} concentration 82985
Bor, J.M., Blom, J.A.G. Environmental product development becomes business 60901
Bor, S.-S. *see* Liu, J.-C. 55154
Bor Sheau-Shong *see* Sheau-Shong Bor
Bor-Jenq Wang, Saka, N., Rabinowicz, E. Au-Sb and Au-Ag-Sb alloys as low-voltage contact materials 61991
Bor-Leb Jenge *see* Yung-Tsan Lin 57686
Bor-Min Wang, Jui-Cheng Yen, Shyang Chang Zero waiting-cycle hierarchical block matching algorithm and its array architectures 55293
Bor-Ren Lin, Chihchiang Hua Uninterruptible power supply with fuzzy logic approach 100318
Bor-Ren Lin, Chihchiang Hua Buck/boost converter control with fuzzy logic approach 100343
Bor-Rong Horng *see* Longo, L. 97134
Bor-Sen Chen *see* Jeng-Ming Chen 64519
Bor-Shenn Jeng, Chi-Shi Liu, Tsann-Shyong Liu, Eng-Fong Hwang, Wern-Jun Wang, Pei-Yih Ting, Kuang-Yao Chang The study on speech processing and character recognition at Telecommunication Laboratories (TL) 95296
Bor-Shenn Jeng *see* Ching-Min Cheng 84919
Bor-Yuan Hwang, Jenn Tsao, Racanelli, M., Huang, M., Foerstner, J., Wetteroth, T., Ik-Sung Lim Design and manufacturing considerations of a 0.5 μm CMOS technology on TFSOI 93642
Bor-Yuan Hwang *see* Foerstner, J. 93462
Borah, M. *see* Nagendra, C. 74504
Boran Guan *see* Guan Boran
Borany, J.von *see* von Borany, J.
Borcea, C. *see* Fomichev, A.S. 53328
Borcea, C. *see* Tretyakova, S. 88168
Borchardt, M. *see* Hermes, T. 98154

Borchardt, M. *see* Knoll, M. 66260
Borcherdt, L.J. *see* Rice, J.P. 63307
Borchert, B., Gessner, R., Stegmuller, B. Advanced 1.55 μm quantum-well GaInAlAs laser diodes with enhanced performance 50791
Borchert, R.M. *see* Kouri, J.V. 82204
Borchi, E., Bosetti, M., Leroy, C., Pensotti, S., Penzo, A., Rancoita, P.G., Rattagi, M., Terzi, G. Evidence for compensation in a Si hadron calorimeter 59091
Borchi, E. *see* Biggeri, U. 88056
Borchi, E. *see* Biggeri, U. 98598
Bordalo, P. *see* Badier, J. 87982
Bordas, J. *see* Svensson, A. 76860
Bordelon, T.J. *see* Agostinelli, V.M., Jr 62767
Bordelon, T.J. *see* Agostinelli, V.M., Jr. 93369
Borden, B. Requirements for optimal glint reduction by diversity methods 97384
Borden, M.J. *see* Ferguson, P.D. 53135
Bordes, P. *see* Devaux, F. 75513
Bordes, P. *see* Devaux, F. 82721
Bordessoule, M. *see* Lemonnier, M. 98511
Bordin, G., Buttino, G., Gecchetti, A., Poppi, M. Changes of the anisotropy direction in amorphous strips due to annealing in absence of magnetic field and external stresses 72005
Bordogna, G. *see* Romagnoli, M. 56345
Bordoley, M. Dynamic range extension of BPM at the NSLS 76491
Bordoley, M. High resolution ADC interface to main magnet power supply at the NSLS 78730
Bordoll, J.C. *see* Llopis, R.P. 92027
Bordonalli, A.C., Seeds, A.J., Ramos, R.T. Low phase noise optical phase-lock loops using combined injection locking and phase-locking 52608
Bordone, P., Lugli, P., Gulia, M. Phonon effects on electronic transport in single $Al_xGa_{1-x}As/GaAs$ heterojunctions 62285
Bordone, P., Reggiani, L., Varan, L., Kuhn, T. Hot-phonon effect on noise and diffusion in GaAs 62185
Bordoni, F., Karim, M. Fundamental noise, electromechanical transduction and their role in resonant gravitational-wave detectors 67933
Bordonsky, G.S., Krylov, S.D. Radio brightness variation of freshwater ice cover in winter period 67854
Bordry, F. *see* Arnaudon, L. 66851
Bordry, F. *see* Bailey, R. 76434
Bordua, M. *see* Celata, C.M. 87832
Bordy, J.M., Barthe, J., Boutruche, B., Segur, P. A new proportional counter for individual neutron dosimetry 88131
Bordy, J.M. *see* Barthe, J. 88610
Borek, K. First large scale aqueous cleaning operation in the USA with a closed-loop water recycling system on a surface mount production line 92810
Borek, M.A. *see* Harkness, S.D. 91466
Borella, A., Chiaraluce, F., Meccarelli, E., Meschini, F. Verification of routing strategies efficiency in ATM networks: a theoretical approach 96130
Borella, A., Chiaraluce, F., Meschini, F. Accurate evaluation of the output traffic characteristics in an ATM multiplexer 51741
Borella, A., Chiaraluce, F., Meschini, F. Approximate analytical method for the study of the ECBWB mechanism in DQDB networks 52096
Borella, A., Chiaraluce, F., Meschini, F. Channel utilization in multilevel optical networks 86378
Borella, A., Meschini, F. Statistical modelling of ATM networks 85871
Borella, M., Mukherjee, B., Jia, F., Ramamurthy, S., Banerjee, D., Iness, J. Optical interconnects for multiprocessor architectures using wavelength-division multiplexing 50653
Boreman, G. *see* Fredin, P. 66443
Boreman, G.D. *see* Alexander, T.L. 67951
Boreman, G.D. *see* Daniels, A. 66447
Boreman, G.D. *see* Ducharme, A.D. 66444
Boreman, G.D. *see* Varela, A.J. 52871
Borenstein, J.T. *see* Kalejs, J.P. 100634
Borenstein, M. Simulation of complex survival distributions 69697
Borenstein, N.S. Computational mail as network infrastructure for computer-supported cooperative work 96561
Borer, J. *see* Akbari, H. 76610
Borer, J. *see* Castro, P. 76559
Borer, K., Dittus, F., Frei, D., Hugentobler, E., Pal, T., Pretzl, K., Schacher, J., Stoffel, F., Volken, W., Gossling, C., Klingenberg, R., Pollmann, D., Albrow, M., Appelquist, G., Bohm, C., Hovander, B., Sellden, B., Zhang, Q.P. Time of flight measurements with hadronic showers 76790
Borer, K., Munday, D.J., Parker, M.A., Anghinolfi, F., Aspell, P., Campbell, M., Chilingarov, A., Jarron, P., Heijne, E.H.M., Santiard, J.C., Scampoli, P., Verweij, H., Gossling, C., Lisowski, B., Reichold, A., Spiwoks, R., Tsesmelis, E., Benslama, K., Bonino, R., Clark, A.G., Couyoumtzelis, C., Kambara, H., Wu, X., Fretwurst, E., Lindstroem, G., Schultz, T., Bardos, R.A., Gorfine, G.W., Moorhead, G.F., Taylor, G.N., Tovey, S.N., Bibby, J.H., Hawkings, R.J., Kundu, N., Weidberg, A., Campbell, D., Murray, P., Seller, P., Teiger, J. Electronics and readout of a large area silicon detector for LHC 53347
Borer, K., Munday, D.J., Parker, M.A., Anghinolfi, F., Aspell, P., Campbell, M., Jarron, P., Heijne, E.H.M., Santiard, J.C., Verweij, H., Gossling, C., Reichold, A., Bonino, R., Clark, A.G., Kambara, H., La Marra, D., Leger, A., Richeaux, J.P., Wu, X., Fares, F., Bibby, J., Weidberg, A., Campbell, D., Murray, P., Seller, P., Rouget, M., Teiger, J. APC3-A charge sampling, storage and readout chip for silicon detector readout 98687
Borer, K. *see* Anghinolfi, F. 88228
Borer, K. *see* Anghinolfi, F. 98663
Borevich, V.A. *see* Al'vares, Kh.K. 49829
Borgacz, S.A. *see* Shan, J.P. 66861
Borgenstrand, H. *see* Carlberg, C. 88261
Borger, J.B., Weegink, J.E., Oostdijk, A., Hurink, M. FIRST: a flexible interactive remote sensing tool 77617
Borgers, A.J. *see* Kolstein, M. 74343
Borges, M., Benett, Y., Lewis, M., Thorn, M. An expert system approach to curriculum development in engineering education 69391
Borges, R.Ortega *see* Ortega Borges, R.
Borges da Silva, L.E., Lambert-Torres, G., Saturno, E.C., Alves da Silva, A.P., Olivier, G. Neural net adaptive schemes for DC motor drives 69097
Borges da Silva, L.E. *see* Castillo Saturno, E.A. 90494
Borgesen, P., Korhonen, M.A., Brown, D.D., Li, C.-Y., Rathore, H.S., Totta, P.A. Stress evolution during stress migration and electromigration in passivated interconnect lines 71404
Borgesen, P. *see* Conway, H.D. 69565
Borgesen, P. *see* Korhonen, M.A. 62536
Borgesen, P., Jensen, K.F., Pollak, R.A. *(editors)* Electronic Packaging Materials Science VII Symposium 90784
Borghesi, J.L., Delpizzo, V. Development and evaluation of a location-specific wire code 77091
Borghi, C.A., Massarini, A., Mazzanti, G. Electrical stresses during transients in linear MHD channels 100774
Borghi, C.A., Massarini, A., Mazzanti, G. Transport phenomena in boundary layer two-dimensional analysis of an MHD generator channel 100779
Borghini, F. *see* Grassia, F. 99239
Borgholm, H.E. A new heat recovery and desulphurization plant for 4 wet kilns in Aalborg Portland 60663
Borghs, G., DeBoeck, J., Francois, I., Chambonnet, D., Belouet, C., Crosnier, Y., Carru, J.C., Chauvel, D., Arnaud, L., Boucher, H., Villegier, J.C., Nicoletti, S., Correra, L., Jimenez, J. A 12 GHz oscillator based on a GaAs HEMT integrated to a HTS resonator 61944
Borghs, G. *see* Blondelle, J. 94289
Borghs, G. *see* De Boeck, J. 91486
Borghs, G. *see* Fobelets, K. 55866
Borghs, G. *see* Fobelets, K. 97980
Borghs, G. *see* Heremans, P. 73025
Borghs, G. *see* Kuijk, M. 50678
Borghs, G. *see* van Hoof, C. 94285
Borgia, L. *see* Rolando, M. 76915
Borgne, G.le *see* le Borgne, G.
Borgne, M., Du Chaffaut, G., Chapelain, D. Broadband fibre transmission in the access network 85450
Borgonjen, E. *see* Kashyap, R. 63975
Borgonovo, F., Fratta, L., Bannister, J. Unslotted deflection routing in all-optical networks 75479
Borgonovo, F., Fratta, L., Bannister, J.A. On the design of optical deflection-routing networks 65097
Borgonovo, F. *see* Fratta, L. 52617
Borgstrom, S. *see* Svanberg, S. 50784
Borhani, A. *see* Barrelet, E. 67352
Boriakoff, V. FFT computation with systolic arrays, a new architecture 49491
Boric-Lubecke, O., Dee-Son Pan, Itoh, T. RF excitation of an oscillator with several tunneling devices in series 92558
Borik, S. Influence of optical components on the focusability 63919
Borik, S., Wittig, K., Zoske, U. The beam parameter product and the propagation of high power laser beams 63918
Borisenko, A.A. *see* Kuleshov, Yu.G. 51482
Borisenko, V.E., Ivanenko, L.I., Krushevski, E.A. Combined reaction and diffusion controlled kinetics of silicidation 93053
Borisenok, V.A., Novitskii, E.Z., Koshelev, A.S. Response of pyroelectric converter to pulse irradiation in presence of radiation-induced conductivity 56194
Boriskin, V.N. *see* Aizatskii, N.I. 87798
Borislenkov, A.E. *see* Aminov, R.Z. 89689
Borisoglebskiy, V.B. Selection of controllable components for tunable active filters 80423
Borisov, A.V. Estimation in generalized uncertain-stochastic linear regression 61087
Borisov, E.V. *see* Tatsenko, V.G. 57490
Borisov, N.B., Borisova, L.I., Bylkin, B.I., Tsvetkov, S.V., Momot, G.V., Khrulev, A.A. Investigation of the iodine component composition in helium for the conditions of a HTGCR 89495
Borisov, O.N., Onischenko, L.M. Influence of the ionization loss in the diagnostic foil on the phase motion in the phasotron 66991
Borisov, R.I., Shkrob, A.P., Maslov, I.V., Kolomoitseva, R.M., Solomchak, O.V. Alternative solutions for power industry 59840
Borisov, S.I. Operating characteristics of a controlled thyristor converter in a DC motor system 100866
Borisov, V.M. *see* Tikunov, V.S. 77671
Borisova, L.I. *see* Borisov, N.B. 89495
Borisovets, B.A. *see* Belolaptikov, I.A. 59156
Borjesson, P.O. *see* Eriksson, H. 88893
Bork, I. *see* Stecher, M. 49052
Borkenhagen, J.M., Handlogten, G.H., Irish, J.D., Levenstein, S.B. AS/400 64-bit powerPC-compatible processor implementation 92257
Borkes, J. *see* Schroeder, W. 80843
Borkholder, D. *see* Grenville, A. 62555
Borkholder, D.A. *see* Storment, C.W. 83530
Borkoski, S.M. *see* Adibi, M.M. 89015
Borkovic, D. *see* Tierno, J.A. 55300
Borkowicz, Z. *see* Rangelow, I.W. 62607
Borkowski, J., Matuszewski, B. Investigation of signal processors application in the real-time combined measurements regarding spectral analysis and signal reconstruction 75884
Borland, J. *see* Gardner, M. 71785
Borland, M. Update on the Argonne positron accumulator ring 76539
Borland, M. An improved thermionic microwave gun and emittance-preserving transport line 76738
Borland, M. *see* Liu, J. 66926
Borland, M. *see* Lumpkin, A.H. 53111
Borle, L.J., Nayar, C.V. Simulation and evaluation of current control techniques for three phase AC-DC power converters 90136
Borle, L.J., Nayar, C.V. ZACE current controlled power flow for AC-DC power converters 100290
Borle, W.N. *see* Bagai, R.K. 48901
Borlon, R. *see* Demeter, D. 99955
Bormams, J. *see* Christopoulos, C.A. 69907
Bormann, A. *see* Lage, C. 92197
Born, D. *see* Gotz, M. 63322
Born, F.H., Caroli, J.A. Fault-tolerant system evaluation using the Rome Laboratory REST software 54617
Born, G.H. *see* Kelecy, T.M. 59571
Born, R.G. Packet-switching network performance under real-time voice-call loading 74648
Bornemann, H.J. *see* Boegler, P. 87556
Bornemann, J. Short and machinable 90° twists for integrated waveguide applications 80605
Bornemann, J. *see* Zhenglian Cai 94986
Bornfleth, H. *see* Albat, H. 100904
Bornholdt, C. *see* Kappe, F. 63616
Bornstein, A. *see* Katz, M. 87247
Bornstein, J. *see* Helm, M. 71799
Boroczky, L., Csillag, P. Motion estimation for wavelet transform coding 74272
Boroczky, L. *see* Kiss, C. 74287
Boroczky, L. *see* Nemeth, G. 51728
Boroczky, L. *see* Nemeth, G. *(editor)* 48584
Borodi, C.C. *see* Burzo, E. 71946
Borodina, I.A., Golubskii, A.A., Ermolenko, A.V., Zaitsev, B.D., Osipenko, V.A., Sinitsyn, N.I. The effect of direct and alternating electrical fields on surface acoustic wave velocity in MDS structures 71211
Borodina, O.M. *see* Dolginov, L.M. 93150
Boroditskii, M.L., Dul'kin, A.E., Kochnev, I.V., Livshits, D.A., Sokolova, N.O., Rafailov, E.U., Tarasov, I.S., Shernyakov, Yu.M., Yavich, B.S. High-power single-mode InGaAs/GaAs lasers (λ=0.98 μm) grown by MOCVD 54967
Boroditskii, M.L., Garbuzov, D.Z., Gorbachev, A.Yu., Il'inskaya, N.D., Livshits, D.A., Mar'inskii, D.N., Rafailov, E.U., Stankevich, A.I., Tarasov, I.S. High-power single-mode buried InGaAsP/GaAs separate confinement double heterostructure lasers 50814
Boroditskii, M.L. *see* Berishev, I.E. 72793
Boroditskii, M.L. *see* Garbuzov, D.Z. 50813
Borodulin, A.V. *see* Anokhin, A.B. 89420
Borodulin, M.Yu. Digital model for investigation of electromagnetic processes in multi-substation direct-current electric power transmission 89210
Borojevic, D. *see* Cuadros, C. 100262
Borojevic, D. *see* Hiti, S. 60323
Borojevic, D. *see* Huber, L. 60529
Borojevic, D. *see* Qiong Li 100373
Borojevic, D. *see* Vlatkovic, V. 60360
Borojevic, D. *see* Vlatkovic, V. 61550
Borojevic, D. *see* Vlatkovic, V. 90149
Borojevic, D. *see* Vlatkovic, V. 100264
Borolina, N.P. *see* Zabolotny, M.A. 73146
Boroski, W. *see* Weisend, J.G., II 87684
Boroski, W.N. *see* Zweig, J.L. 98341
Borota, M., Leopold, R.J., Johnson, K., Miller, A. The IRIDIUM™/SM1 personal communication system 75375
Borovac, B., Nikolic, M., Nagy, L. A new type of force sensor for contact tasks 97930
Borovich, B.L. Transverse-discharge copper vapour lasers 94345
Borovick-Romanov, A., Peskov, V. Cs based photocathodes for gaseous detectors 88000

Borovikov, I.P., Borovikov, V.P., Obukhov, Yu.V. On one class of digital nonlinear filters and their properties 84341
Borovikov, V.P. *see* Borovikov, I.P. 84341
Borovkov, A.A., Schassberger, R. Ergodicity of a Jackson network with batch arrivals 91195
Borovkov, V.M., Kazarov, S.A., Kutakhov, A.G., Romanov, S.N. Automated design of cycle diagrams and calculation of variable operating conditions of steam-turbine plants at thermal and nuclear power stations 53936
Borovskii, V.M. *see* Prutkovskii, E.N. 89702
Borowska-Banas, I. *see* Adamczewska, D. 70962
Borowy, B.S., Salameh, Z.M. Optimum photovoltaic array size for a hybrid wind/PV system 89778
Boroyevich, D. *see* Gataric, S. 68823
Boroyevich, D. *see* Hiti, S. 68838
Boroyevich, D. *see* Hiti, S. 100279
Borraccino, A. *see* Campanella, L. 66220
Borreani, G. *see* Harr, R. 88209
Borrego, J.M. *see* Hitchcock, C. 100675
Borrego, J.M. *see* Rodrigues, R.G. 100677
Borrego, J.M. *see* Singh, P.K. 87487
Borrelli, N.F. Optoelectronic interconnects using microlens arrays formed in glass 94317
Borrello, S. *see* Wadsworth, M.V. 98088
Borriello, G., Miles, D.M. Task scheduling for real-time multi-processor simulations 59448
Borriello, G. *see* Chou, P. 96232
Borriello, G. *see* Hauck, S. 70408
Borriello, G. *see* Hauck, S. 70441
Borriello, G. *see* Hauck, S. 92028
Borriello, G. *see* Walkup, E.A. 92133
Bors, A.G., Gabbouj, M. Minimal topology for a radial basis functions neural network for pattern classification 74334
Borsenberger, P.M. *see* Van der Auweraer, M. 56518
Borshchak, V.A. *see* Vassilevski, D. 62243
Borsi, H., Schroder, U. Initiation and formation of partial discharges in mineral-based insulating oil 63097
Borsook, P. Data communications 51897
Borsos, K. Economic issues of telecommunications development in Hungary 85396
Borst, C. *see* van Leeuwen, T.G. 77047
Borst, P.M., Corbin, M., Sapaty, P.S. WAVE processing of networks and distributed simulation 85710
Borst, S.C., Boxma, O.J., Harink, J.H.A., Huitema, G.B. Optimization of fixed time polling schemes 96195
Borst, T.H., Munzinger, P.C., Weis, O. Characterization of undoped and doped homoepitaxial diamond layers produced by microwave plasma CVD 69935
Borst, T.H. *see* Ebert, W. 81768
Borstel, D.von *see* von Borstel, D.
Borsuk, P.S. *see* Potyrailo, R.A. 98157
Borth, D.E. *see* Rasky, P.D. 65601
Bortnik, T. *see* Holubowicz, W. 86143
Bortnyanskii, A.L. *see* Verbitskaya, E.M. 58995
Bortoli, L.De *see* De Bortoli, L.
Bortone, E., Bettoni, L., Giorgi, C., Terzano, M.G., Trabattoni, G.R., Mancia, D. Reliability of EEG in the diagnosis of Creutzfeldt-Jakob disease 88504
Bortot, R., Esposto, F., Nanni, F., Galliano, G., Giavelli, A. A database for the acceptance test results on SIP optical cables 52518
Bortsov, Yu.A. Adaptive electric drives and servo systems 60491
Bortz, M.L. *see* Angell, M.J. 61370
Bortz, M.L. *see* Arie, A. 50785
Boru Feng *see* Long Que 71499
Borul'ko, V.F., Drobakhin, O.O., Karlov, V.A. Measuring and computing system RIMCh-04 for nondestructive testing of laminated dielectrics 55015
Borup, D.T. *see* Wiskin, J.W. 99276
Borwein, J.M., Lewis, A.S., Limber, M.A. Entropy minimization with lattice bounds 79637
Boryak, O.A., Kosevich, M.V., Shelkovskii, V.S. Low-temperature secondary-emission source of ions for the MI-1201E mass spectrometer 59054
Borzeix, J. *see* Romat, H. 57047
Borziak, P.G., Fedorovich, R.D., Kiyayev, O.E., Kulyupin, Yu.A., Rudakovskaya, L.A. A composite system of metal particles in a dielectric matrix for use as a thermoresistor 92637
Borzo, M., Rafalko, J.J., Dammel, R. Molecular basis for the interaction between novolaks and diazonaphthoquinone photoactive compounds 91668
B..., A.A.C.M. *see* Koopal, C.G.J. 59249
Bos, A.Van den *see* Van den Bos, A.
Bos, L. Performance of thin-film chip resistors 80882
Bos, L. Performance of thin film chip resistors 80898
Bos, M. *see* Luo, J. 66261
Bosacchi, A., Franchi, S., Gombia, E., Mosca, R., Fantini, F., Menozzi, R., Naccarella, S. Electrical properties and thermal stability of MBE-grown $Al/Al_xGa_{1-x}As/Al_{0.25}Ga_{0.75}As$ Schottky barriers 55885
Bosc, P. Electric machines for energy production and storage 100074
Boscaleri, A. *see* De Bernardis, P. 66010
Bosch, A.Van Den *see* Van Den Bosch, A.
Bosch, B.Van Den *see* Van Den Bosch, B.
Bosch, D. *see* Sprotte, A. 87065
Bosch, F. *see* Franzke, B. 76402
Bosch, G.Van den *see* Van den Bosch, G.
Bosch, J.van den *see* van den Bosch, J.
Bosch, O.ten *see* ten Bosch, O.
Bosch, P.J.van den *see* van den Bosch, P.J.
Bosch, P.P.J.Van Den *see* Van Den Bosch, P.P.J.
Bosch, R. *see* Lausen, H. 86024
Bosch, R. *see* Schlechtweg, M. 80787
Bosch, R.A., Hsue, C.S. Suppression of longitudinal coupled-bunch instabilities by a passive higher harmonic cavity 87706
Bosche, E.E., Lacoff, N.M. Fluid-filled electrical equipment diagnostic expert system 68699
Boscher, D. *see* Le Noane, G. 86513
Boschi, A., Caricchi, F., Crescimbini, F. Using a fourth inverter-branch in three-phase PM drives for the machine-neutral modulation and the soft-switching 54109
Boschulte, A.F. Personal communications networks: competition, convergence, and cooperation 75259
Boschung, J., Thevenaz, L., Robert, P.A. High-accuracy measurement of the linewidth of a Brillouin fibre ring laser 83005
Bosco, G.C. *see* Klonz, M. 86898
Bosco, G.C. *see* Pogliano, U. 86895
Bosco, H.L., Stefanik, M.J. Broadband ISDN: an overview 52219
Bosco, H.L., Stefanik, M.J., Stuntebeck, P.H. A broad path for network migration: B-ISDN products and services from AT&T 52223
Bosco, P.G., Cerchio, L., Saracco, R. Software architectures and network management: A parallel evolution 74861
Bosco, P.G., Martini, G., Moiso, C. A distributed object-oriented platform based on DCE and C++ 65262
Bosco Leung *see* Feng Chen 70705
Boscolo, I. *see* Acerbi, E. 63871
Boscovic, D.M. *see* Wray, A.J. 52433
Bose, A. *see* Castro, C.A. 89020
Bose, A. *see* Kuruneru, R.S. 53731
Bose, A. *see* Kuruneru, R.S. 78059
Bose, B. *see* Al-Bassam, S. 51340
Bose, B. *see* Tallini, L. 71749
Bose, B.K. Expert system, fuzzy logic, and neural network applications in power electronics and motion control 80089
Bose, B.K. Power electronics—recent advances and future perspective 80128
Bose, B.K. *see* Chhaya, S.M. 90157
Bose, B.K. *see* Kastha, D. 78878
Bose, B.K. *see* Kastha, D. 78892
Bose, B.K. *see* Kastha, D. 100856
Bose, B.K. *see* Smioes, M.G. 68724
Bose, B.K. *see* Sousa, G.C.D. 90523
Bose, B.K. *see* Sousa, G.C.D. 100858
Bose, D.K., Taki, G.S., Bhandari, R.K. Status of VEC ECR heavy ion source 53145
Bose, N.K., Kim, H.C., Valenzuela, H.M. Recursive implementation of total least squares algorithm for image reconstruction from noisy, undersampled multiframes 85004
Bose, N.K. *see* Zhou, B. 84335
Bose, P. Architectural timing verification and test for super scalar processors 70578
Bose, S., Steinhardt, A.O. Invariant tests for spatial stationarity using covariance structure 84394
Bose, S. *see* Mukhopadhyay, S.C. 100129
Bose, S. *see* Yuyan Wu 95717
Bose, T. Asymptotic stability of two-dimensional digital filters under quantization 64435
Bose, T. A digital signal processing laboratory for undergraduates 69416
Bose, T. Finite wordlength effects in fixed-point 2-D digital filters 80484
Bose, T., Chen, M.-Q., Trautman, D.A. Two's complement quantization in orthogonal biquad digital filters 84189
Bose, T.K. *see* Courteau, R. 75875
Bosetti, M., Furetta, C., Leroy, C., Pensotti, S., Penzo, A., Rancoita, P.G., Rattaggi, M., Redaelli, M., Salvato, G., Terzi, G. Systematic investigation of the electromagnetic energy resolution on sampling frequency using silicon calorimeters 59145
Bosetti, M., Furetta, C., Leroy, C., Pensotti, S., Penzo, A., Rancoita, P.G., Rattaggi, M., Redaelli, M., Salvato, G., Terzi, G. Energy resolution of Si/Fe and Si/Pb electromagnetic calorimeters 98565
Bosetti, M., Furetta, C., Leroy, C., Pensotti, S., Rancoita, P.G., Rattaggi, M., Redaelli, M., Rizzatti, M., Seidman, A., Terzi, G. Systematic investigation of the neutron irradiation effects on the performances of FZ and MCZ silicon detectors 98566
Bosetti, M., Furetta, C., Leroy, C., Pensotti, S., Rancoita, P.G., Rattaggi, M., Redaelli, M., Seidman, A., Terzi, G. Systematic study of neutron irradiation effects on the performance of FZ and MCZ silicon detectors 59146
Bosetti, M. *see* Adam, A. 88087
Bosetti, M. *see* Adam, A. 88102
Bosetti, M. *see* Adriani, O. 88023
Bosetti, M. *see* Borchi, E. 59091
Bosga, S.G., Duarte, J.L., Offringa, L.J., Vandenput, A.J. Natural circulating current control of a cycloconverter 68783
Bosgra, O.H. *see* Steinbuch, M. 75784
Bosgra, O.H. *see* Van Groos, P.J.M. 58610
Boshers, A., Isik, C. DEK-IDRP: an automated intelligent data reduction system for control rod wear data 68408
Boshnakov, V.S., Tochev, D.A. A helical antenna with normal radiation 64226
Bosia, G. *see* Goulding, R.H. 51271
Bosiers, J.T., Peek, H.L., Kleimann, A.C., Daemen, N.J., Roks, E., van der Sijde, A.G., Jansen, R.M., Opmeer, P. A S-VHS compatible 1/3" 720(H)*588(V) FT-CCD with low dark current by surface pinning 66077
Bosiers, J.T., Roks, E., Peek, H.L., Kleimann, A.C., Jansen, R.M., Van Der Sijde, A.G., Opmeer, P., Horemans, M.L. FT-CCD for consumer applications with low dark current by surface pinning 87283
Bosiers, J.T. *see* Roks, E. 66479
Bosiers, J.T. *see* Roks, E. 87288
Bosisio, L., Focardi, E., Forti, F., Kashigin, S., Dierickx, B., Wouters, D., Willems, G., Winderickx, G., Debusschere, I., Simoen, E., Claeys, C., Maes, H., Hermans, L., Heijne, E.H.M., Jarron, P., Campbell, M., Anghinolfi, F., Aspell, P., Delpierre, P., Sauvage, D., Habrard, M.C. Detector diodes and test devices fabricated in high resistivity SOI wafers 59074
Bosisio, L., Forti, F., Tomacruz, E. Measurement and tridimensional simulation of silicon pixel detector capacitance 98610
Bosisio, L. *see* Angelini, F. 59120
Bosisio, L. *see* Dierickx, B. 67378
Bosisio, L. *see* Straver, J. 88089
Bosisio, R.G. *see* An, H. 83853
Bosisio, R.G. *see* Berini, P. 70872
Bosisio, R.G. *see* Ghannouchi, F.M. 76179
Bosisio, R.G. *see* Hongming An 95002
Bosisio, R.G. *see* Ji Li 75177
Bosisio, R.G. *see* Ji Li 90618
Bosisio, R.G. *see* Ke Wu 61954
Bosisio, R.G. *see* Ke Wu 80741
Bosisio, R.G. *see* Ke Wu 87441
Bosisio, R.G. *see* Li, J. 75611
Bosisio, R.G. *see* Li, J. 86069
Bosisio, R.G. *see* Li, J. 91954
Bosisio, R.G. *see* Wu, K. 80772
Bosisio, R.G. *see* Yansheng Xu 80775
Boskin, E.D., Spanos, C.J., Korsh, G. A method for modeling the manufacturability of IC designs 56083
Boskin, E.D., Spanos, C.J., Korsh, G.J. A method for modeling the manufacturability of IC designs 82068
Boskovic, A. *see* Guy, M.J. 63719
Boskovic, A. *see* Rottwitt, K. 63382
Bosma, D.J. VME bus is ready for 64 bit 58099
Bosman, D. Indirect measurement of study effort 69402
Bosman, G. *see* Wang, D. 75984
Bosman, G. *see* Zhiliang Chen 81774
Bosman, M. *see* Ariztizabal, F. 98518
Bosotti, A. *see* Acerbi, E. 63871
Boss, C. *see* Lawless, P.A. 68784
Boss, H. *see* Ortler, G. 52387
Bossavit, A. Numerical modelling of superconductors in three dimensions: a model and a finite element method 82318
Bossavit, A. Mathematical modelling of the problem of micro-currents generated in living bodies by power lines 88568
Bossavit, A. *see* Golias, N.A. 83447
Bossche, A., Kocza, G., Mollinger, J.R. Fault propagation models for reliability assessment of production systems 79501
Bossche, A. *see* Kadar, Z. 58689
Bossche, G.Van Den *see* Van Den Bossche, G.
Bossche, J.Van den *see* Van den Bossche, J.
Bossche, M.V. *see* Verbeyst, F. 91913
Bossche, M.Vanden *see* Vanden Bossche, M.
Bosse, E., Dion, D., Fortin, M.R., Lecours, M. Maximum likelihood beamforming in the presence of multipath and refraction effects 97380
Bosse, E., Turner, R.M., Brookes, D. Improved radar tracking using a multipath model: maximum likelihood compared with eigenvector analysis 86572
Bosser, T. *see* Ceuppens, L. 75071
Bossert, M., Hatty, B., Klund, P. Propagation aspects on railway environment in the GSM frequency range 52378
Bossert, R. *see* Jaffery, T.S. 76656
Bosshard, C., Otomo, A., Stegeman, G.I., Kupfer, M., Florsheimer, M., Gunter, P. Surface-emitted green light generated in Langmuir-Blodgett film waveguides 50927
Bosshard, C. *see* Kim, D.Y. 63960
Bosshard, C. *see* Knopfle, G. 73027
Bosshard, C. *see* Mamyshev, P.V. 63412
Bosshard, F. *see* Aguet, M. 99956
Bosshart, P. The myth of the pushbutton chip 71767
Bosshart, P. *see* Prasad, S.C. 93526
Bossi, C. *see* Maini, M. 90877
Bossi, S., Carrara, G., Perin, D., Channakeshava, Ravi, K.N., Vasudev, N. Results of a salt-fog

ageing test under DC stress on cap and pin glass and porcelain insulators 53777
Bossingham, R. *see* Feinberg, B. 87833
Bossler, J. *see* Schulte, H. 53157
Bost, J.-M. *see* Milanese, R. 84686
Bostak, J. *see* Ozbay, E. 81522
Bostanjoglo, G., Hodgson, N., Weber, H. Design of variable reflectivity mirrors and unstable resonators for Nd:YAG lasers with high average power 72984
Bosted, P.E. *see* Cavalli-Sforza, M. 87772
Bosted, P.E. *see* Klein, S.R. 98488
Bostica, P. *see* Barcia, E. 52035
Bostrom, A. *see* Lindahl, O.A. 88360
Bostrup, G. *see* Bailey, R.B. 66491
Bosveld, F., Lagendijk, R.L., Biemond, J. Compatible HDTV transmission using conditional entropy coding 86733
Bosveld, G. *see* Scarr, J. 96805
Boswell, C. *see* Amidei, D. 98639
Boswell, E.C. *see* Wilshaw, P.R. 62045
Boswell, J., Anspaugh, B., Mueller, R. Thin film photovoltaic development at Phillips Laboratory 100733
Boswell, J., Lingenauber, G. An advanced HF receiver design 97017
Boswell, R.W. *see* Giroult-Matlakowski, G. 91556
Bosworth, B. *see* Chang, W. 75664
Bosworth, L.A. *see* Eichorst, D.J. 70151
Bot, P.G.M.de *see* de Bot, P.G.M.
Botchkarev, A. *see* Reed, J. 55952
Botchkarev, A.E. *see* Salvador, A. 82817
Boteler, D.H. Characteristics of time-varying inductance 70960
Botelho, F., Garzon, M. Shadowing on fractals 61850
Boterenbrood, H., Kruse, A., van der Lugt, H.J., O'Dell, V., Vermeulen, J.C., Wiggers, L.W. The ZEUS calorimeter second-level trigger and readout system 59185
Boterenbrood, H., O'Dell, V., Uijterwaal, H.A.J.R., Vermeulen, J.C., Wiggers, L.W., van Woudenberg, R., Hazumi, M., Nakao, M., Tokushuku, K., Smith, W.H. The ZEUS first and second level trigger 59186
Botez, D., Napartovich, A.P. Phase-locked arrays of antiguides: analytical theory 63836
Botez, D., O'Brien, S. 1.3 W CW diffraction-limited monolithically integrated master oscillator flared amplifier at 863 nm [Comment and Reply] 63845
Botez, D. *see* Mawst, L.J. 63817
Botha, L., Menyennett, C., Ferreira, H.C. The transformation of line codes 84000
Botha, L.R., Liebenberg, C.J., von Bergmann, H.M., Prinsloo, F.J., Ronander, E., Strydom, H.J. Continuously tunable CO_2 MOPA chain for a molecular laser isotope separation pilot plant 94320
Botha, L.R. *see* Prinsloo, F.J. 94319
Botha, L.R. *see* Rohwer, E.G. 50916
Botham, C.P. *see* Johnson, D. 51958
Bothe, H.H., Rieger, F. Visual speech and coarticulation effects 88563
Bothe, M. *see* Raudszus, W. 68710
Botheroyd, I.M. *see* Dymott, M.J.P. 56666
Bothman, R. *see* McKelvey, D.J. 78959
Bothra, S., Kellam, M., Garrou, P. Feasibility of BCB as an interlevel dielectric in integrated circuits 82100
Bothra, S. *see* Bhatnagar, M. 55887
Botineau, J., Leycuras, C., Montes, C., Picholle, E. Coherent modal analysis of a Brillouin fiber ring laser 63897
Botkin, D., Weiss, S., Sucha, G., Chemla, D.S., Wiesenfeld, J.M. Ultrafast dynamics of the optical mode of a 1.5 μm multiple quantum well optical amplifier 56769
Botkin, D. *see* Wiesenfeld, J.M. 94478
Botley, J. Putting the pressure on 4-20 mA 53078
Botlo, M. *see* Bourianoff, G. 66878
Botma, J.H., Wiegerink, R.J., Gierkink, S.L.J., Wassenaar, R.F. Rail-to-rail constant-G_m input stage and class AB output stage for low-voltage CMOS Op Amps 70310
Botman, J.I.M., Delhez, J.L., Hagedoorn, H.L., Kleeven, W.J.G.M., Knoben, M.H.M., Timmermans, C.J., Webers, G.A., Ernst, G.J., Verschuur, J.W.J., Witteman, W.J. Developments of the TEUFEL injector racetrack microtron 50884
Botman, J.I.M., Timmermans, C.J., Xi, B., Heller, H., Hagedoorn, H.L., Brinkgreve, P., Dekkers, E., Moerel, J. Dipole design for the Euterpe storage ring 76696
Botman, J.I.M. *see* Delhez, J.L. 76548
Botman, J.I.M. *see* Delhez, J.L. 87722
Botman, J.I.M. *see* van der Heide, J.A. 67145
Botman, J.I.M. *see* Webers, G.A. 76547
Botman, J.I.M. *see* Wetzels, S.F.C.L. 76708
Botner, O. *see* Adam, W. 88114
Botros, N. *see* Zatari, D. 76936
Botros, N.M., Abdul-Aziz, M. Hardware implementation of an artificial neural network 61853
Botros, N.M., Siddiqi, M., Deiri, M.Z. Automatic speech recognition using hidden Markov models and artificial neural networks 64378
Botros, N.M., Teh, C.K. Automatic speech recognition using hidden Markov models 57428
Bottacchi, S. *see* Fellegara, A. 58375
Bottai, L. *see* Conese, C. 53530
Bottari, F.J. *see* Amick, J.A. 69012
Bottauscio, O., Cardelli, E., Chiampi, M., Chiarabaglio, D., Gimignani, M., Raugi, M. Comparison between finite element and integral equation modelling of power busbar systems 54140
Bottauscio, O., Chiampi, M., Chiarabaglio, D., Crotti, G. Numerical methods for coupled thermal and electric current fields in axisymmetric devices 80950
Bottcher, A., Jahn, A., Lutz, E., Werner, M., Kuhlen, H. LEO satellite networks: fundamental system parameters and their mutual dependence 65742
Bottcher, E.H. *see* Droge, E. 75514
Bottcher, E.H. *see* Hieronymi, F. 76001
Bottcher, J. *see* Kunzel, H. 56023
Bottcher, J. *see* Kunzel, H. 93507
Bottcher, J. *see* Umbach, A. 56021
Bottcher, M. *see* Bauch, L. 71468
Bottenberg, W. *see* Byrne, J. 99992
Bottenberg, W.R. *see* Collins, S.R. 90420
Botter, R. *see* Aste, T. 66561
Botterill, D. *see* McMahon, T. 88003
Botterill, D. *see* McMahon, T. 88013
Botterill, I.A., Aitchison, C.S. Effect of hybrids on gain performance of dual-fed distributed amplifiers 61585
Botterill, I.A., Aitchison, C.S. Predicted small-signal gain of the HBT distributed amplifier 92605
Bottger, J. *see* Kraak, W. 71162
Botti, V., Barber, F., Crespo, A., Gallardo, D., Ripoll, I., Onaindia, E., Hernandez, L. Sharing temporal knowledge by multiple agents 75007
Bottigli, U. *see* Alfano, B. 59375
Bottigli, U. *see* Bandettini, A. 59109
Bottigli, U. *see* Bandettini, A. 76979
Bottigli, U. *see* Bencivelli, W. 67526
Bottigli, U. *see* Bencivelli, W. 88436
Bottini, G. *see* Herrmann, P.F. 59973
Bottlik, G. *see* Khoshnevis, B. 90931
Bottner, H. *see* Fach, M.A. 63767
Bottomley, D.J. *see* Qu, X.H. 94602
Bottomley, L.J., Nilsson, A.A. Traffic characterization in wide area network 58159
Botton, C. *see* Le Noane, G. 86513
Botton, N.de *see* de Botton, N.
Bottrell, G.W. Hazards and benefits of utility reclosing 60547
Botts, S., King, C., Tribble, S. An infrared imaging system demonstrates dual-use technology for unmanned vehicle applications 76065
Bottura, L. Parametric study of design of cable-in-conduit conductors 82459
Bottura, L. Limiting current and stability of cable-in-conduit conductors 93969
Bottura, L., Zienkiewicz, O.C. SARUMAN—an integrated procedure for the analysis of quench in superconducting magnets 82458
Bottura, L. *see* Balsamo, E.P. 82475
Botvich, D.D., Curran, T., MacFhearraigh, A., Murphy, S. Hierarchical approach to video source modelling 64913
Botvich, D.D. *see* Newcombe, A. 96863
Botz, E. *see* Mardirossian, G. 59378
Bou-Ghazale, A. Innovative design-for-test techniques in a dynamic development environment 79253
Bouadma, N., Liang, J., Levenson, R., Grosmaire, S., Boulet, P., Sainson, S. Integration of a laser diode with a polymer-based waveguide for photonic integrated circuits 94304
Bouadma, N., Semo, J. 1.3-μm GaInAsP/InP buried-ridge-structure laser and its monolithic integration with photodetector using reactive ion beam etching 63851
Bouard, D.De *see* De Bouard, D.
Bouayad, J. *see* Cebulla, U. 65812
Bouaziz, S., Reynaud, R., Maurin, T. Parallel architecture for an embedded real-time application 70629
Boubez, T.I., Peskin, R.L. Multiresolution neural networks 55360
Boucaud, P., Glowacki, F., Campidelli, Y., Larre, A., Ferrieu, F., Bensahel, D. Growth and in situ ellipsometric analysis of $Si_{1-x}Ge_x$ alloys deposited by chemical beam epitaxy 70002
Boucaud, P., Glowacki, F., Ferrieu, F., Larre, A., Perio, A., Bensahel, D. In situ ellipsometric control of $Si_{1-x}Ge_x/Si$ heterostructures grown by chemical beam epitaxy 70036
Boucaud, P. *see* Chelnokov, A.V. 94157
Boucaud, P. *see* Regolini, J.L. 91488
Boucek, G.S. *see* Patterson, R. 98240
Bouchard, F. *see* Bakowski, P. 55236
Bouchard, J. "IMPECC" a NEW 4πbeta/gamma coincidence system 88223
Bouchard, J. "IMPECC" a new 4π beta/gamma coincidence system 98606
Bouchard, J.-L. *see* Arsenault, M. 91107
Bouchard, R.-P. *see* Oliver, G. *(editor)* 79084
Bouche, D. *see* Andronov, I.V. 57067
Bouche, D. *see* Andronov, I.V. 57069
Bouche, D. *see* Andronov, I.V. 57070
Boucher, D. *see* Le Gall, Y. 77552
Boucher, H. *see* Borghs, G. 61944
Boucher, H. *see* Villegier, J.C. 63318
Boucher, J. *see* Clark, W.J. 74800
Boucher, J.-M., Lena, P., Marchand, J.-F. Application of local and global unsupervised Bayesian classification algorithms to the forest 77595
Boucher, J.-M. *see* Barbas, M. 77291
Boucher, Y., Georges, P., Brun, A., Pocholle, J.-P., Papuchon, M. Seeding of a titanium sapphire oscillator by a vertical-cavity surface-emitting laser in the nanosecond range 83038
Boucherit, M.S. *see* Khene, M.F. 90507
Bouchet, N. *see* Eymery, J. 69924
Bouchiat, V. *see* Joyez, P. 82376
Bouchier, D. *see* Eizenberg, M. 49819
Bouchillon, C.W. *see* Norton, O.P. 100775
Bouchon-Meunier, B., Yager, R.R. Entropy of similarity relations in questionnaires and decision trees 48753
Bouclier, R., Capeans, M., Garabatos, C., Heuer, R.D., Jeanrenaud, M., Meyer, T.C., Sauli, F., Silander, K. Results of wire chamber ageing tests with CH_4- and DME-based gas mixtures 67348
Bouclier, R., Garabatos, C., Manzin, G., Million, G., Sauli, F., Temmel, T., Shekhtman, L. Ageing studies with microstrip gas chambers 87985
Bouclier, R., Garabatos, C., Manzin, G., Sauli, E., Shekhtman, L., Temmel, T., Della Mea, G., Maggioni, G., Rigato, V., Logachenko, I. Development of microstrip gas chambers on substrata with electronic conductivity 98617
Bouclier, R., Garabatos, C., Manzin, G., Sauli, F., Shekhtman, L., Temmel, T., Della Mea, G., Maggioni, G., Rigato, V., Logachenko, I. Development of microstrip gas chambers on substrates with electronic conductivity 88109
Bouclier, R., Million, G., Florent, J.J., Gaudaen, J., Ropelewski, L., Sauli, F., Shekhtman, L. Development of microstrip gas chambers on resistive supports 59121
Bouclier, R. *see* Alunni, L. 88010
Bouclier, R. *see* Beckers, T. 67314
Bouda, M., van Uffelen, J.W.M., van Dam, C., Verbeek, B.H. Compact 1×16 power splitter based on symmetrical 1×2 MMI splitters 94144
Boudalaa, M., Guionnet, D., Touchard, G. Explosion hazards due to electrostatic charge accumulation on layer of adhesive powder 48635
Boudalaa, M. *see* Grimaud, P.-O. 58961
Boudalaa, M. *see* Romat, H. 57047
Boudaoud, A. *see* Pierre, L. 68386
Boudec, J.-Y.Le *see* Le Boudec, J.-Y.
Boudec, P.Le *see* Le Boudec, P.
Bouderbala, M. *see* Boukenter, A. 82997
Boudiaf, A., Dubon-Chevallier, C., Pasquet, D. An original passive device for on-wafer noise parameter measurement verification 87476
Boudjemaa, F. *see* Aggoune, M.E. 99551
Boudjemline, A. *see* Wright, C.D. 56224
Boudreau, D. A unified view of noncoherent detection and differential detection of phase modulated signals 73587
Boudreau, E.R. *see* Menon, M.M. 52633
Boudreau, R., Tabasky, M., Armiento, C., Bellows, A., Cataldo, V., Morrison, R., Urban, M., Sargent, R., Negri, A., Haugsjaa, P. Fluxless die bonding for optoelectronics 94542
Boudreau, R. *see* Song-Sheng Tan 93250
Boudreaux-Bartels, G.F. *see* Hlawatsch, F. 84260
Boudreaux-Bartels, G.F. *see* Hlawatsch, F. 95611
Boudry, J. *see* Antonuk, L.E. 88367
Boudry, J.M., Antonuk, L.E. Radiation damage of amorphous silicon photodiode sensors 88097
Boudry, J.M., Antonuk, L.E. Radiation damage of amorphous silicon photodiode sensors 98633
Boudry, J.N., Antonuk, L.E. Current-noise-power spectra of amorphous silicon thin-film transistors 81862
Boudy, J. *see* Alexandre, P. 73855
Boudy, J. *see* Naylor, P. 95260
Bouet, V. *see* Arkam, C. 87566
Boufama, B. *see* Mohr, R. 74620
Bouford, J., Nagel, W.D. Core loss reduction in amorphous metal distribution transformers 68673
Bougas, V., Kalymnios, D. A multipath XDP-type electro-optic crystal modulator 63485
Bougnot, J. *see* Artaud, M.C. 81257
Bougrenet de la Tocnaye, J.-L.de *see* de Bougrenet de la Tocnaye, J.-L.
Bougrenet de la Tocnaye, J.L.de *see* de Bougrenet de la Tocnaye, J.L.
Bouhemaid, N. *see* Ariztizabal, F. 98518
Bouillault, F. *see* Yahiaoui, A. 89933
Bouillault, F. *see* Yahiaoui, A. 89946
Bouillault, F. *see* Yazbek, K. 71719
Bouilleret, D., Poittevin, J., Fevrier, H., Tardy, A. Fiber optic measurement sensors: recent experience in the electrical equipment field 87242
Bouillet, E. *see* Jiang, S. 75427
Bouissou, M. *see* Ancelin, C. 68377
Bouissou, S., Piriou, F. Study of 3D formulations to model electromagnetic devices 83554
Bouissou, S., Piriou, F. Comparison between two formulations in terms of potential for the coupling of magnetic and electric circuit equations 94719
Bouissou, S., Piriou, F., Kieny, C., Tanneau, G. Numerical simulation of a power transformer using 3D finite element method coupled to circuit equation 90067

Boujemaa, N., Stamon, G. Fuzzy modeling in early vision. Application to medical image segmentation 88426
Boukari, F. *see* Farchi, A. 53162
Boukas, E.K. *see* Benjelloun, K. 100166
Boukenter, A., Bouderbala, M., Druetta, M., Ouerdane, Y., Maurice, E., Monnom, G. Er^{3+} and Er^{3+}-Yb^{3+} doped fibres: Visible emission processes 82997
Boukhalfa, M. *see* Shirkoohi, G.H. 63155
Boukis, G.C. *see* Angelopoulos, J.D. 85319
Boukli-Hacene, M. *see* Li, C.C.-P. 86462
Boukli-Havene, M. *see* Li, C.C.-P. 51335
Boukouvalas, C., Kittler, J., Marik, R., Petrou, M. Automatic grading of ceramic tiles using machine vision 91101
Boulade, O. *see* Cesarsky, C.J. 52955
Boulais, W., Donahue, R.S., Platzker, A., Huang, J., Aucoin, L., Shanfield, S., Vañades, M. A high power Q-band GaAs pseudomorphic HEMT monolithic amplifier 92576
Boulanger, B., Feve, J.P., Marnier, G. Calculation of phase-matching electro-optical modulation of SHG in KTP 56876
Boulanger, B., Feve, J.P., Marnier, G., Menaert, B., Cabirol, X., Villeval, P., Bonnin, C. Relative sign and absolute magnitude of $d^{(2)}$ nonlinear coefficients of KTP from second-harmonic-generation measurements 56890
Boulanger, B. *see* Feve, J.P. 56844
Boulanger, F. *see* Perault, M. 52956
Boulanger, J.-S. *see* Morris, D. 58617
Boulanger, M. *see* Chun Kin Chan 54640
Boulares, N. *see* Tabet, N. 80881
Bouldin, D.W. *see* Dehkordi, P. 54527
Boulet, P., Darte, A., Risset, T., Robert, Y. (Pen)-ultimate tiling? 85215
Boulet, P. *see* Bouadma, N. 94304
Bouley, H. *see* Girard, A. 96795
Bouley, J.-C., Destefanis, G. Multi-quantum well lasers for telecommunications 75451
Bouley, J.-C. *see* Nakajima, H. 75502
Bouley, J.C. *see* D'Ottavi, A. 56849
Boulin, D.M. *see* Manchanda, L. 93617
Boulin, D.M. *see* Pinto, M.R. 63041
Boulkroun, K. *see* Ouennoughi, Z. 55876
Boullart, L. *see* Dumortier, F. 53887
Boulmer, J. *see* Desmur, A. 81531
Boulon, G. *see* Kalisky, Y. 94423
Boulon, G. *see* Kaminskii, A.A. 94438
Boulou, M. *see* Emery, J.-Y. 56414
Boulouard, A., Le Rouzic, M., Castelletto, J.P., Kandpal, P.C. Bias network eases HBT amp applications 70914
Boulouard, A. *see* Murgulescu, M.-H. 92601
Bouloutas, A.T., Calo, S., Finkel, A. Alarm correlation and fault identification in communication networks 51974
Bouloutas, A.T. *see* Mourelatou, K.E. 75075
Boult, T. *see* Nayar, S.K. 96038
Boult, T.E. *see* O'Donnell, T. 84795
Boult, T.E. *see* Yener, B. 65793
Boulton, J.M. *see* Motakef, S. 72284
Boulton, J.M. *see* Teowee, G. 56133
Bouma, H. *see* van Nes, F.L. 61056
Bouma, L.G., Velthuijsen, H. *(editors)* Feature Interactions in Telecommunications Systems 90756
Bouma, W., Levelt, W., Melisse, A., Middelburg, K., Verhaard, L. Formalisation of properties for feature interaction detection: Experience in a real-life situation 96862
Bouman, C. *see* Tretter, D. 85025
Bouman, C. *see* Wolski, M. 87569
Bouman, C.A., Shapiro, M. A multiscale random field model for Bayesian image segmentation 51619
Bouman, M.M. *see* Holland, E.R. 71652
Bounds, C.O. *see* Ma, B.M. 71980
Bounds, J.A. *see* Garner, S.E. 98574
Bounds, J.A. *see* Johnson, J.D. 88840
Bounds, J.A. *see* Johnson, J.D. 99303
Bounds, J.A. *see* MacArthur, D.W. 59113
Bounkin, B.V., Lemanski, A.A. Experience of development and industrial production of X-band passive phased antenna arrays 51275
Bouquegneau, C. Protection from lightning: international standards 78217
Bouquin Jeannes, R.Le *see* Le Bouquin Jeannes, R.
Bour, D.P., Geels, R.S., Treat, D.W., Paoli, T.L., Ponce, F., Thornton, R.L., Krusor, B.S., Bringans, R.D., Welch, D.F. Strained $Ga_xIn_{1-x}P/(AlGa)_{0.5}In_{0.5}P$ heterostructures and quantum-well laser diodes 63787
Bour, D.P., Treat, D.W., Bringans, R.D., Geels, R.S., Welch, D.F. AlGaInP red laser diodes by OMVPE 56791
Bour, D.P. *see* Knall, J. 81300
Boura, Y.M., Das, C.R. Efficient fully adaptive wormhole routing in n-dimensional meshes 61454
Bouras, B. *see* Chaviaropoulos, P. 60143
Bouras, B. *see* Leoutsakos, G. 60144
Bouras, D.P. *see* Makrakis, D. 51325
Bourassa, S., Kamoun, S. A parallel filtering technique for a surveillance radar 86592
Bourdarios, C. *see* von Apeldoorn, G. 88116
Bourdeau, R. *see* Gagnon, F. 86073
Bourdelais, J. *see* Fernandez, M. 97463
Bourdet, G.L. *see* Le Gall, J. 72696
Bourdet, G.L. *see* Lescroart, G. 56621
Bourdet, G.L. *see* Lescroart, G. 94342
Bourdier, A., Bazylev, V.A., Gouard, P., Gardent, D., Buzzi, J.M. Electron trajectories in a free electron laser with a reversed axial guide field 50873
Bourdier, A., Michel-Lours, L. Chaotic electron trajectories in a helical-wiggler free electron laser 50872
Bourdin, E. A general introduction to C3I systems and their application to security forces 77770
Bourdin, E. *see* Grau, A. 77772
Bourdin, E. *see* Suslenschi, P. 77773
Bourdon, A. *see* Bringuier, E. 73062
Bourdon, J.L. *see* Bollereau, M.J. 96906
Bourdon, W., Lier, H.-P. Advanced long and short haul SDH microwave radio systems 86070
Bouree, J.-E. *see* Dumont, H. 48923
Bouree, J.-E. *see* Dumont, H. 69967
Bouree, J.E. *see* Qu'Hen, B. 70020
Bouree, J.E. *see* Tonneau, D. 49813
Bouree-Vigneron, F. *see* Moze, O. 72033
Bourg, F. *see* Girard, A. 67262
Bourg, F. *see* Melin, G. 53148
Bourg, F. *see* Melin, G. 76747
Bourg, J. *see* Pohida, T.J. 87036
Bourgarel, M.P. *see* Joubert, A. 76318
Bourgart, F. *see* Abiven, J. 52540
Bourgeade, A., Mariotte, F., Leroy, B., Farail, F. Different finite elements on backscattering of thin wire helices 73273
Bourgeau-Chavez, L.L. *see* French, N.H.F. 87135
Bourgeau-Chavez, L.L. *see* Kasischke, E.S. 59601
Bourgeois, J.M. PWM technique for acoustic noise reduction in power applications 54173
Bourgeois, J.M. PCB based transformer for power MOSFET drive 61524
Bourgeois, M. *see* Lakshminarayanan, S. 81565
Bourgeois, P. *see* Besson, P. 49755
Bourgeois, P. *see* Malamud, G. 88001
Bourgoin, A., Gruget, J. Resicom-MXLP: Telephony flexible multiplexer 65511
Bourgoin, J.C. *see* Chaabane, H. 71156
Bourgoin, J.C. *see* Zazoui, M. 90396
Bourgoin, J.P. *see* Hesto, P. 49992
Bourgoise, B.A. *see* Carl, J.R. 88845
Bourguignon, B. *see* Desmur, A. 81531
Bourguignon, J.G., Daly, P.A., Clift, C. Map display in utility vehicles 77891
Bourhis, J.F., Mignot, V., Hakoun, R. Automat for pigtailing passive integrated optics components with large number of ports 82703
Bourhis, L.Le *see* Le Bourhis, L.
Bourianoff, G., Botlo, M., Cole, B., Hunt, S., Malitsky, N., Romero, A. Interactive simulation of LEB commissioning procedure on a HYPERCUBE parallel computer 66878
Bourianoff, G. *see* Cai, Y. 66902
Bourianoff, G. *see* Ning Sun 66990
Bouridane, A., Daemi, M.F., Ghali, A., Al-Khatib, K. A novel application of information theory to pattern recognition problems 95920
Bourir, M. *see* Benhenda, S. 61992
Bourissou, A., Pham, K., Au, W.C., Kong, J.A., Le Toan, T. Classification of a polarimetric SAR image using fractal concepts 67799
Bourjolly, J.-M. *see* Pierre, S. 96693
Bourkas, P.D., Karagiannopoulos, C.G., Dervos, C.T., Kagarakis, C.A. Current instabilities across oxidized metal contacts operating under high-charge injection rates 78744
Bourlard, H. *see* de Veth, J. 84021
Bourles, H. *see* Colledani, F. 89616
Bourlion, M., Dancer, P., Lacoste, F., Mestas, J.-L., Cathignol, D. Design and characterization of a shock wave generator using canalized electrical discharge: application to lithotripsy 77035
Bourne, J., Cunningham, I., Hayward, K., Ivett, R., Kobierski, K., Methiwalla, M. Implementing the information highway 65501
Bourne, O.L., Arcy Hart, D., Rayner, D.M., Hackett, P.A. Depth profiling a III-V multilayered structure with an excimer laser. An application of digital etching 81493
Bourne, P. *see* Blanck, H. 80768
Bourne, P. *see* Blanck, H. 80818
Bourne, P. *see* Delage, S.L. 70895
Bourquard, A. *see* Bate, J.-M. 82488
Bourquin, P. *see* Brunel, J.Y. 70228
Bourret, E.D. *see* Seligson, A.L. 49006
Bourrieau, J., Brunet, M., Dutrey, J.F., Laporte, B. Dynamic behavior of ultra stable oscillators under irradiation at low dose rate 71881
Boursier, D. *see* Claude, E. 50182
Bourton, M. *see* Benamrane, N. 84867
Boury, Z., Sorais, D., Bertel, L. Theoretical and experimental evaluation of the gain of log-periodic dipole antenna placed over ground plane 94993
Bousaba, J. *see* Koopman, N. 90959
Bousack, H. *see* Weyand, K. 83717
Bouscayrol, A., Pietrzak-David, M., de Fornel, B., Foch, H. Influence of a modulation reference with continuous component in a converter-machine set 68537
Bousetta, A., Lu, M., Bensaoula, A., Schultz, A. Formation of carbon nitride films on Si(100) substrates by electron cyclotron resonance plasma assisted vapor deposition 70145
Bousquet, A., Wolkowicz, M. Economic considerations in the transfer of intellectual property rights 48627
Boussalis, D. *see* Bayard, D.S. 52872
Boussard, D., Lambert, G., Linnecar, T.P.R. Improved impedance reduction in the CERN SPS superconducting cavities for high intensity proton operation 76511
Boussard, D., Onillon, E. Damping of phase errors at injection in the LHC 76512
Bousse, L., McReynolds, R.J., Kirk, G., Dawes, T., Lam, P., Bemiss, W.R., Parce, J.W. Micromachined multichannel systems for the measurement of cellular metabolism 98738
Bousse, L., Mostarshed, S., Hafeman, D., Sartore, M., Adami, M., Nicolini, C. Investigation of carrier transport through silicon wafers by photocurrent measurements 50668
Bousse, L., Parce, W. Applying silicon micromachining to cellular metabolism: measuring the rate of acidification induced in the extracellular environment 67452
Boussert, B. *see* Petit, P. 86861
Bousseta, H. *see* Giroult-Matlakowski, G. 62701
Boussey-Said, J. *see* Othonos, A. 71074
Boutaba, R., Znaty, S. Towards integrated network management: a domain/policy approach and its application to a high speed multi-network 52021
Bouteiller, L., Chastaing, E., Le Barny, P., Massie, F., Robin, P. Liquid crystal polymer composites for display applications 58931
Bouten, P.C.P., Broer, D.J. Coating composition and fibre lifetime 94100
Bouter, L.M. *see* Omta, S.W.F. 90843
Boutes, J.P. *see* Dosiere, F. 75297
Bouthemy, P. *see* Meyer, F.G. 95741
Bouthillette, S., Platzker, A., Aucoin, L. High efficiency 40 watt PsHEMT S-band MIC power amplifiers 92579
Boutlendj, M., Allen, N.L. Dielectric strength of air insulation for coordination of minimum clearances of overhead lines: a review 99722
Boutonnet, C. *see* Jaeger, A.A. 67370
Boutonnet, C. *see* Jaeger, J.J. 67373
Boutros, K.S. *see* Roberts, J.C. 49007
Boutruche, B. *see* Barthe, J. 88610
Boutruche, B. *see* Bordy, J.M. 88131
Boutsikaris, L. *see* Mailis, S. 94680
Boutwell, D. *see* Ortmeyer, T.H. 69100
Bouvet, D. *see* Yuan, X.-J. 71221
Bouvier, A. *see* Paraf, E. 98850
Bouvier, J., Bugnet, H., Dzahini, D., Foglio, R., Pouxe, J., Tournier, M. Analog and digital ASICs developments for nuclear instrumentation 98673
Bouvier, R. *see* Beraud, R. 67398
Bouyoucef, K. *see* Lannes, A. 84930
Bouzari, H., Nourifard, M.R. A simple and efficient predistorter linearizer for S-band solid state power amplifier 49649
Bouzekri, H., Tabar, F.M., Davat, B., Gosselin, O. Comparison of two different current control strategies of permanent magnet embarked actuator 89857
Bouzerdoum, A. *see* Jihan Zhu 84187
Bouzguenda, M. *see* Rahman, S. 78510
Bouziane, A., Hidaka, K., Jones, J.E., Rowlands, A.R., Tapiamacioglu, M.C., Waters, R.T. Paraxial corona discharge. II. Simulation and analysis 50122
Bouziane, A., Hidaka, K., Jones, J.E., Rowlands, A.R., Taplamacioglu, M.C., Waters, R.T. Paraxial corona discharge. I. Review, instrumentation and experiments 50121
Bouzid, A., Abushagur, M.A.G., Zhijian He, Kosten, S.E. O-ring fiber optic pressure sensor 58801
Bouzid, M.J. *see* Giroult-Matlakowski, G. 62701
Bouzid, M.J. *see* Palleau, J. 81107
Bouzidi, J. *see* Moragues, J.-M. 62828
Bova, F.J. *see* Nath, R. 77051
Bova, J.M. *see* Scher, M.S. 53434
Bova, J.M. *see* Scher, M.S. 53435
Bovbel', Ye.I., Kukharchik, P.D., Rubanov, N.S. Algorithms for calculating discrete Fourier transformations and convolutions on the basis of theoretical-numerical transformations in direct sums of finite fields 79755
Bovbel', Ye.I., Zaytseva, Ye.M., Kukharchik, P.D. Costas signals with intrapulse frequency modulation 97397
Bove, M. *see* Grattarola, M. 58867
Bove, V.M., Jr. Hardware and software implications of representing scenes as data 74415
Bove, V.M., Jr., Granger, B.D., Watlington, J.A. Real-time decoding and display of structured video 57408
Bove, V.M., Jr. *see* Tsunashima, K. 57750
Bovet, C. *see* Akbari, H. 76610
Bovet, D.P. *see* Blazewicz, J. 85255
Bovey, C. Business process re-engineering; a concurrent engineering process 60889
Bovik, A.C., Havlicek, J.P., Desai, M.D. Theorems for discrete filtered modulated signals 84233
Bovik, A.C. *see* Bartels, K.A. 88454
Bovik, A.C. *see* Changhoon Yim 57919
Bovik, A.C. *see* Restrepo Palacios, A. 64504
Bovik, A.C. *see* Tieh-Yuh Chen 57814
Bovopoulos, A. *see* Dailianas, A. 64958

Bovopoulos, A.D. *see* Khayat, S.H. 58204
Bovopoulos, A.D. *see* Kumar, L.N. 85332
Bovopoulos, A.D. *see* Mahdavian, S.M.R. 64933
Bow, A.K.L. Designing fire protection systems to meet the safety, operational and environmental requirements for modern substations 60398
Bow, K.E. Laminate sheaths as moisture barriers for medium voltage cables 59958
Bow, K.E., Voltz, D.A. Overall shield protects instrument cable from the effects of lightning 55451
Bowcock, T.J.V. *see* Kiourkos, S. 88011
Bowden, A.L. *see* Bratt, M.J. 100972
Bowden, A.L. *see* Evans, N.G. 100949
Bowden, C.M. *see* Pethel, S.D. 50477
Bowden, D. *see* Pike, I.T. 87570
Bowden, S., Wenham, S.R., Coffey, P., Dickinson, M., Green, M.A. High efficiency photovoltaic roof tile with static concentrator 100705
Bowdler, D. *see* Stretton, M. 99409
Bowen, A. Wear and stiction regimes of thin-film magnetic disks 63225
Bowen, J.G. *see* Javadi, H.H.S. 97217
Bowen, L., Zarr, R., Denton, S. A microcontroller-based intelligent battery system 68981
Bowen, L.J., French, K.W. Fabrication of piezoelectric ceramic/polymer composites by injection molding 56159
Bowen, L.J., Gentilman, R.L., Pham, H.T., Fiore, D.F., French, K.W. Injection molded fine-scale piezoelectric composite transducers 99338
Bowen, M.E.C. *see* Jacobs-Cook, A.J. 87223
Bowen, S.S. Comparison of motion estimators for an intensity variant image sequence 67670
Bowen Xu *see* Xu Bowen
Bower, A.F., Freund, L.B. Analysis of stress-induced void nucleation and growth in passivated interconnect lines 62543
Bower, C. *see* Ahlen, S.P. 59097
Bower, C.R., Gebhard, M.W., Heinz, R.M., Musser, J.A., Pitts, J.J., Miller, J.L., Mufson, S.L. The performance of a position sensitive wire chamber in the presence of a magnetic field 98499
Bower, C.R. *see* Fenker, H. 67313
Bower, M. *see* Mahalanobis, A. 51677
Bower, R.W. *see* Watt, V.H.C. 55732
Bowers, J. *see* Deis, G. 87958
Bowers, J. *see* Heim, J. 88070
Bowers, J. *see* Mar, A. 83160
Bowers, J. *see* Nagarajan, R. 82895
Bowers, J. *see* Yang, L. 55693
Bowers, J.E. *see* Babic, D.I. 56741
Bowers, J.E. *see* Babic, D.I. 56808
Bowers, J.E. *see* Barron, C.C. 97999
Bowers, J.E. *see* Dudley, J.J. 56807
Bowers, J.E. *see* I-Hsing Tan 55658
Bowers, J.E. *see* I-Hsing Tan 87184
Bowers, J.E. *see* Ishikawa, T. 62236
Bowers, J.E. *see* Ishikawa, T. 94482
Bowers, J.E. *see* Nagarajan, R. 94493
Bowers, J.E. *see* Rangchen Yu 72890
Bowers, J.E. *see* Schramm, J.E. 55823
Bowers, J.E. *see* Tauber, D. 83138
Bowers, J.S., Stopher, J. A review of the use of ACCIV vs. DC life to determine the reliability of high voltage capacitors 90337
Bowers, M.S. *see* Raymond, T.D. 94597
Bowers, T.L. *see* Lee, Y.S. 99883
Bowers, W.J., Jr. *see* Bean, V.E. 66757
Bowes, S.R. Novel real-time harmonic minimized PWM control for drives and static power converters 60332
Bowes, S.R. Novel real-time harmonic minimized PWM control for drives and static power converters 78881
Bowes, S.R. Advanced regular-sampled PWM control techniques for drives and static power converters 90573
Bowie, R.T. AC propulsion: the future for North American traction 54215
Bowker, G.C. Science on the run. Information management and industrial geophysics at Schlumberger, 1920-1940 60764
Bowkett, G.C., Baxter, G.W., Booth, D.J., Taira, T., Teranishi, H., Kobayashi, T. Single-mode 1.34-μm Nd:YVO_4 microchip laser with cw Ti:sapphire and diode-laser pumping 63753
Bowler, J.R. Eddy-current interaction with an ideal crack. I. The forward problem 70191
Bowler, J.R. Inversion of eddy current data to reconstruct flaws by an optimisation process 80010
Bowler, J.R., Norton, S.J., Harrison, D.J. Eddy-current interaction with an ideal crack. II. The inverse problem 70192
Bowler, P. *see* de Guzman, M.I.G. 69078
Bowles, B., Andreasen, L. ADSI: Maximizing the synergy between the network and terminals 96531
Bowles, B. *see* Maraio, R. 68141
Bowles, B.A. Collaborative working and integrated communications services in the UK manufacturing sector 74797
Bowles, B.A., Teale, R. Communications services in support of collaborative health care 74798
Bowles, J.B. *see* Enrique Pelaez, C. 54628
Bowles, J.B. *see* Kukkal, P. 54602
Bowles, J.B. *see* Russomanno, D.J. 54612
Bowles, J.B. *see* Savakoor, D.S. 54597
Bowles, J.V. *see* Ardema, M.D. 99120
Bowles, R.J., Goodson, J. Dual-use technology and the National Airspace System 77198
Bowles, R.J., Goodson, J. Dual-use technology and The National Airspace System 88928
Bowling, B.A., McDowell, C. CEBAF beam viewer imaging software 87696
Bowling, B.A. *see* Bickley, M. 87693
Bowling, B.A. *see* Hofler, A.S. 76486
Bowling, D.R. *see* Cook, G.G. 83842
Bowling, P.S. *see* Brown, S.K. 53271
Bowling, S. *see* Johnson, K.F. 76427
Bowman, G.T. *see* Rangan, V.R. 60813
Bowman, H.F. *see* Delhomme, G. 76882
Bowman, R.M. *see* Cochran, A. 82385
Bowman, S.R., Rabinovich, W.S., Kyono, C.S., Katzer, D.S., Ikossi-Anastasiou, K. High-resolution spatial light modulators using GaAs/AlGaAs multiple quantum wells 72452
Bowman, S.R. *see* Kyono, C.S. 50579
Bowron, P., Mezher, K.A. Noise analysis of second-order analogue active filters 92353
Bowron, P. *see* Zeng, X. 49534
Bowser, M.I. *see* Wang, Q.H. 81384
Bowser, R.C., Taylor, M., Jr., Miller, K.R. The impact of dry spent fuel storage on decommissioning 89500
Bowyer, J.M. Three part harmony: system interactions leading to a divergent resonant system 68224
Bowyer, K. *see* Bruno, B. 74475
Bowyer, K.W. *see* Woods, K.S. 59276
Bowyer, K.W. *see* Woods, K.S. 76943
Box, B. Field programmable gate array based reconfigurable preprocessor 70409
Boxer, L. Digitally continuous functions 84602
Boxin Wu *see* Cuntai Guan 95321
Boxing Xu *see* Xu Boxing
Boxma, O.J., Resing, J.A.C. Tandem queues with deterministic service times 65514
Boxma, O.J. *see* Borst, S.C. 96195
Boyanov, B. *see* Asparoukhov, O. 73804
Boyanov, B.B. *see* Hadjitodorov, S. 57434
Boyar, J., Fich, F., Larsen, K.S. Bounds on certain multiplications of affine combinations 73669
Boyar-Sozonovich, S.P. Alternative concept for asynchronous generators with capacitive excitation 100139
Boyar-Sozonovich, S.P., Shtepa, E.P. Bi-rotative alternating-current machines in generator and motor regimes 89835
Boyce, J.B. *see* Mei, P. 81912
Boyce, J.F. *see* Sage, K.H. 95893
Boyce, J.M. Data selection strategies for digital VCR long play mode 86783
Boyce, L. *see* Olivier, P.D. 54373
Boyce, R. *see* Tatchyn, R. 63889
Boyce, R. *see* Winick, H. 63870
Boyce, R. *see* Winick, H. 83178
Boyce, R.F. *see* Ruth, R.D. 66791
Boyd, B.L. *see* Parker, J.E. 54473
Boyd, C. *see* Wenbo Mao 74691
Boyd, C.A. *see* Xydeas, C.S. 64355
Boyd, C.R., Jr. Ferrite rotary-field phase shifters: a survey of current technology and applications 80613
Boyd, C.R., Jr. Adaptive signal cancellation using a high power, low loss ferrite vector modulator 82294
Boyd, E.p. *see* Zhou, L. 48970
Boyd, I.W. *see* Amirhaghi, S. 91587
Boyd, I.W. *see* Bergonzo, P. 49001
Boyd, I.W. *see* Bergonzo, P. 61345
Boyd, I.W. *see* Bergonzo, P. 79959
Boyd, I.W. *see* Bergonzo, P. 91588
Boyd, I.W. *see* Flicstein, J. 61344
Boyd, I.W. *see* Kazor, A. 71362
Boyd, I.W. *see* Kazor, A. 81540
Boyd, I.W. *see* Sajjadi, A. 61350
Boyd, I.W. *see* Tyrrell, G.C. 91585
Boyd, J.E., Little, J.J. Complementary data fusion for limited-angle tomography 84804
Boyd, J.K. Computer assisted accelerator tuning 66978
Boyd, J.T. *see* Ahn Goo Choo 72392
Boyd, J.T. *see* de Brabander, G.N. 58717
Boyd, J.T. *see* Kingsley, S.A. 87252
Boyd, J.T. *see* Koh, S. 56576
Boyd, J.T. *see* Naghski, D.H. 72417
Boyd, K.J. *see* Al-Bayati, A.H. 79961
Boyd, M. *see* Lang, W. 79166
Boyd, M.A., Bavuso, S.J. Simulation modeling for long duration spacecraft control systems 59482
Boyd, M.A., Iverson, D.L. Digraphs and fault trees: a tale of two combinatorial modeling methods 54600
Boyd, P. A photomontage technique for artists using stereograms 56990
Boyd, P.B. *see* Collins, E.R., Jr. 68605
Boyd, P.R. *see* Chen, J.C. 91527
Boyd, P.R. *see* Dhar, N.K. 91521
Boyd, R. *see* Kitching, J. 83135
Boyd, R.W. *see* Stentz, A.J. 72784
Boyd, R.W. *see* Stentz, A.J. 94381
Boyd, S. *see* Pang, J.W.M. 85673
Boye, A.J. *see* Sjoholm, R. 99494
Boyer, A. *see* Gardes, B. 54894
Boyer, A. *see* Mzerd, A. 61306
Boyer, A. *see* Mzerd, A. 91535
Boyer, A. *see* Pelletier, J.-M. 99801
Boyer, A.L. *see* Dong, L. 67520
Boyer, E. *see* Marschall, R.A. 99226
Boyer, G. *see* Demouchy, G. 73022
Boyer, G.R., France, M.A., Lachgar, M., Grezes-Besset, B., Alexandrou, A. Femtosecond pulse-shaping scheme for cross-phase modulation in single-mode optical fibers 82535
Boyer, J.M. *see* Johnson, R.C. 60799
Boyer, K.L., Mirza, M.J., Ganguly, G. The Robust Sequential Estimator: a general approach and its application to surface organization in range data 95719
Boyer, L. The use of polymer coatings in connector technology 70970
Boyer, L., Houze, F., Klimek, G., Noel, S. Electrical and physical modeling of contact defects due to fretting 61987
Boyer, L. *see* Ventura, P. 92346
Boyer, P.T. *see* Scheid, E. 49900
Boyer, R.T., McQuay, W.K. Joint modeling and simulation system 67971
Boyes, J. *see* Mazarakis, M.G. 66798
Boying Lu *see* Lu Boying
Boyko, K.C. *see* Suehle, J.S. 62621
Boylan, J.J. *see* Rozman, A.F. 61535
Boylan, P.R. *see* Beck, K.L. 78304
Boyle, D. *see* Ojha, S.M. 56592
Boyle, E.S. *see* Glor, P.J. 54445
Boyle, J.C. *see* Sirois, R.H. 89648
Boyle, O., Whalley, D.C., Williams, D.J. Environmental performance of conductive adhesive joints 92818
Boyle, P. *see* Jouppi, N.P. 49450
Boyle, R. *see* Almasque, J. 89174
Boyle, R. *see* Hogg, D. *(editor)* 79083
Boyle, R.D. *see* Venkateswarlu, N.B. 88752
Boyle, R.J., Wasylkiwskyj, W. Comparison of monostatic and bistatic bearing estimation performance for low RCS targets 75578
Boyle, W.J.O. *see* Wang, W.M. 94463
Boyles, P.R. *see* Roberts, S.R. 89642
Boys, J.T., Andrews, M. Random PWM inverter drive systems: theory and practice 90576
Boysan, P. *see* Noctor, D.M. 92680
Boyse, W.E., Seidl, A.A. A hybrid finite element method for 3-D scattering using nodal and edge elements 94768
Boyson, W.E. *see* Quintana, M.A. 100719
Boyvalenkov, P., Nikova, S. New lower bounds for some spherical designs 73648
Boza, L.B., Ciaccia, T.J., Gatenby, D.A., Muise, R.W., Ng, K.K., Yanizeski, G.M. Achieving customer satisfaction through robust design 48649
Bozdagi, G., Tekalp, A.M., Onural, L. 3-D motion estimation and wireframe adaptation including photometric effects for model-based coding of facial image sequences 74490
Bozdagi, G., Tekalp, A.M., Onural, L. An improvement to MBASIC algorithm for 3-D motion and depth estimation 84781
Bozdagi, G. *see* Onural, L. 53005
Bozeat, R.J. *see* Benson, T.M. 50528
Bozeat, R.J. *see* Benson, T.M. 50841
Bozhevolnyi, S.I., Keller, O., Smolyaninov, I.I. Phase conjugation of an optical near field 94648
Bozikovic, A. A numerical solution for the excess capacitance of a microstrip step discontinuity 83792
Bozkurt, A., Yarahoglu, G., Atalar, A., Koymen, H. A new directional acoustic lens: V-groove lens 99312
Bozler, C.O., Harris, C.T., Rabe, S., Rathman, D.D., Hollis, M.A., Smith, H.I. Arrays of gated field-emitter cones having 0.32 μm tip-to-tip spacing 62041
Bozler, C.O. *see* Goodhue, W.D. 62047
Bozma, O., Kuc, R. A physical model-based analysis of heterogeneous environments using sonar—ENDURA method 65933
Bozoki, E., Friedman, A. Optimization method for orbit correction in accelerators 66870
Bozoki, E., Friedman, A. Neural network technique for orbit correction in accelerators/storage rings 98407
Bozoki, E. *see* Friedman, A. 53132
Bozoki, E. *see* Friedman, A. 76481
Bozoki, E. *see* Friedman, A. 98400
Bozoki, E.S. Closed orbit related problems: correction, feedback and analysis [particle accelerators] 98396
Bozoki, Z. *see* Miklos, A. 63828
Bozorg, M.S.Madani *see* Madani Bozorg, M.S.
Bozovic, I., Eckstein, J.N., Virshup, G.F. Atomic layer-by-layer epitaxy of cuprate superconductors 54857
Bozsoki, I. *see* Doka, T. 75638
Boztas, S., Kumar, P.V. Binary sequences with Gold-like correlation but larger linear span 73708
Bozward, D., Brewster, R.L. Variable chip duration spread spectrum modulation 51374
Bozzo, D. *see* Diederich, C.J. 98932
Bozzo, D. *see* Stauffer, P.R. 98941
Bozzo, E. *see* Bevilacqua, R. 79701
Bozzo, M. *see* Angelini, F. 98520
Bozzolan, L. *see* Cottino, E. 52492

Braagaard, C., Mikkelsen, B., Durhuus, T., Stubkjaer, K.E. Modelling the dynamics of wavelength tuning in DBR-lasers 72665
Braagaard, C., Mikkelsen, B., Durhuus, T., Stubkjaer, K.E. Modeling the DBR laser used as wavelength conversion device 72881
Braam, D. *see* Li Deng 95263
Braasch, J.C. *see* Holzapfel, W. 75649
Braat, J.J.M., Laurijs, M.O.E. Geometrical optics design and aberration analysis of a focusing grating coupler 56375
Braat, J.J.M. *see* de Boer, G. 73192
Braaten, A. *see* Doyle, L. 90824
Brabander, G.N.de *see* de Brabander, G.N.
Brabant, P. *see* Lampe, D.R. 61688
Brabec, T. *see* Spielmann, C. 63732
Brabers, J.H.V.J., Li, Q.-A., De Boer, F.R., Buschow, K.H.J. High-field study of the magnetization process in $RMn_{6-x}Cr_xGe_6$-compounds 71985
Brabers, V.A.M. *see* Kawai, Y. 72075
Brabson, B. *see* Ellison, M. 66909
Brabson, B. *see* Li, D. 98409
Brabson, B. *see* Liu, J.Y. 98399
Brabson, B. *see* Syphers, M.J. 66966
Brabson, B. *see* Wang, Y. 66910
Bracale, M., Pepino, A. Medical technologies in developing countries: a feasibility study on the maintenance of medical equipment in Ethiopia 53367
Bracchi, G. Information technology and the development of Italy 54304
Bracco, R. *see* Walker, R.P. 67242
Brace, J.G. *see* Theil, J.A. 91620
Bracegirdle, A. *see* Pike, S. 52438
Braceras, G., Frederick, T., Hall, S., Koch, G., McDonald, R., Purvee, R., Ross, R. A 200 MHz internal/66 MHz external 64 kB embedded virtual three-port cache SRAM 92229
Bracewell, R.N. Aspects of the Hartley transform 48741
Bracewell, R.N. Affine theorem for the Hartley transform of an image 51625
Bracey, M. *see* Redman-White, W. 86693
Brachat, P. Sectoral pattern synthesis with primary feeds 57313
Brachat, P. *see* Ratajczak, P. 73485
Brachmann, J. *see* Dickhaus, H. 59394
Brachmann, J. *see* Dickhaus, H. 76994
Bracho, S. *see* Martinez, M. 61626
Bracken, E. (Simulation+X)+(analysis+X)=a high-speed solution: X=a sophisticated modelling tool 80980
Bracken, T.D. *see* Rauch, G.B. 89316
Bracken, T.D. *see* Savitz, D.A. 67634
Brackenbury, T.E. *see* Allan, J.D. 89754
Brackett, P., Damodaram, R., Ransom, N., Spears, D. Interworking broadband networks and services using ATM 85887
Brackney, B.A., Dawson, J.A. An integrated approach to the modeling of system level performance for autonomous imaging IR systems 66441
Bracun, F. *see* Jerman-Blazic, B. 83983
Bradamante, F. *see* Martin, A. 67356
Bradatsch, T., Guhmann, C., Ropke, K., Schneider, C., Filbert, D. Analytical redundancy methods for diagnosing electric motors 53988
Bradbury, M. *see* Smye, S.W. 77034
Braden, J. *see* Mahulikar, D. 91028
Bradey, S. *see* Flanz, J.B. 76342
Bradford, B.L. The fast staggered transform, composite symmetries, and compact symmetric algorithms 69904
Bradford, J. *see* Lebowsky, F. 97627
Bradford, J.N., Woolf, S. Electron transport and impact ionization in SiO_2 71232
Bradford, M., Bartels, A.L., Povall, W.N. Type 'e' and type N electrical machines in hazardous areas: a safety review 53989
Bradley, C.F. *see* Kuhr, R.W. 78003
Bradley, D.A. Sensors in manufacturing systems 87092
Bradley, D.A. *see* Renner, P.E. 78170
Bradley, D.A. *see* Walters, R.M. 55079
Bradley, D.D.C. *see* Greenham, N.C. 94297
Bradley, P.A. *see* Hagn, G.H. 83659
Bradley, R.F. *see* Filipovic, D.F. 80732
Bradley, R.M. *see* Akin, T. 67421
Bradley, S.G. *see* Yunju Ra 93211
Bradleyt, R.F. *see* Filipovic, D.F. 80856
Bradlow, H. *see* Eyers, T. 85337
Bradnam, M.S., Evans, A.L., Montgomery, D.M.I., Keating, D., Damato, B.E., Cluckie, A., Allan, D. A personal computer-based visual evoked potential stimulus and recording system 88491
Bradner, H. *see* Anassontzis, E.G. 98510
Bradshaw, J.L. *see* Leavitt, R.P. 91426
Bradshaw, M. *see* Norton-Wayne, L. 84659
Brady, B.J. *see* Ahluwalia, K. 78381
Brady, B.J. *see* Sampathkumar, C.B. 78466
Brady, D., Catipovic, J.A. Adaptive multiuser detection for underwater acoustical channels 59578
Brady, D., Merakos, L.F. Throughput performance of multiuser detection in unslotted contention channels 64993
Brady, D. *see* Mehta, A. 54509
Brady, D. *see* Zvonar, Z. 57536
Brady, D. *see* Zvonar, Z. 97471
Brady, D.J. *see* Chen, A.G. 63355
Brady, D.J. *see* Purchase, K.G. 75444
Brady, D.J. *see* Tarkka, R.M. 64007
Brady, F. *see* Sinha, S.P. 93459
Brady, F.B. SOXO air SIG S7 ILS, from early development to an enduring world standard 53524
Brady, F.P. *see* Osborne, J.H. 59212
Brady, F.T., Haddad, N.F. Manufacturability considerations for fully depleted SOI 93560
Brady, G.P., Hope, S., Lobo Ribeiro, A.B., Webb, D.J., Reekie, L., Archambault, J.L., Jackson, D.A. Demultiplexing of fibre Bragg grating temperature and strain sensors 87251
Brady, G.P., Lobo Rbeiro, A.B., Webb, D.J., Reekie, L., Archambault, J.L., Jackson, D.A. Simple multiplexing scheme for fibre optic grating sensor network 52899
Brady, J.M. *see* Fawcett, R. 95714
Brady, J.M. *see* Nicholson, A.E. 97803
Brady, J.M. *see* Smith, S.M. 57696
Brady, M. *see* Chenavier, F. 95712
Brady, M. *see* Du, F. 96024
Brady, M.V. When the juice gets loose or the lights go out [utility liability for damage] 68039
Brady, R.L. *see* Bard, J.K. 91046
Brady, R.L. *see* Robinson, D.L. 91049
Brady, S. *see* Wu, S.F. 74687
Brady, V. *see* Reeves, R. 80816
Brady, V. *see* Reeves, R. 92571
Braem, A. *see* Almeida, J. 87994
Braeurer, S., Pagnia, H., Sotnik, N. The filamentary model of electroformed MIM devices—still up to date? 71251
Braff, R., O'Donnell, P., Shively, C., Swider, R. FAA's DGPS CAT III feasibility program: update and test methodology 65954
Braga, A.L. *see* Seixas, J.M. 87644
Braga, J. *see* Villela, T. 88332
Brage, J.P. An asynchronous model for high-level synthesis 61456
Brager, G. *see* Fountain, M. 100951
Bragg, M.I., Lynnworth, L.C. Internally-nonprotruding one-port ultrasonic flow sensors for air and some other gases 58702
Braggins, D. Robust looking robots 74486
Braggins, D. Hard realities of the soft option 85143
Braggins, T.T. *see* Temofonte, T.A. 66482
Bragiel, P., Szczepaniak, B. Phthalocyanine as gas sensor—electronic structure on ZDO level 58898
Bragilevskii, E.L., Ivanov, A.V., Orlov, V.B. Electric drives for thermal-cutting robots 60499
Braginski, A.I. *see* Glyantsev, V.N. 56248
Braginski, A.I. *see* Hein, M.A. 93944
Braginski, A.I. *see* Herrmann, K. 93937
Braginski, A.I. *see* Kunkel, G. 56254
Braginski, A.I. *see* Kunkel, G. 93938
Braginski, A.I. *see* Tavrin, Y. 56250
Braginski, A.I. *see* Zhang, Y. 56251
Bragos, R., Rosell, J., Riu, P. A wide-band AC-coupled current source for electrical impedance tomography 67558
Brai, A., Vibert, J.-F., Koutlidis, R. An expert system for the analysis and interpretation of evoked potentials based on fuzzy classification: application to brainstem auditory evoked potentials 98909
Braic, V. *see* Cojocaru, G. 53170
Braic, V. *see* Martin, D. 67271
Braicovich, L. *see* Bertacco, R. 75982
Brailean, J.C., Katsaggelos, A.K. Recursive displacement estimation and restoration of noisy-blurred image sequences 85005
Brailean, J.C. *see* Banham, M.R. 84774
Brailsford, A.D., Yussouff, M., Logothetis, E.M. Electrochemical zirconia sensor model for reducing gas mixtures 87322
Braiman, Y., Wiesenfeld, K. Global stabilization of a Josephson-junction array 72223
Brain, D.J. *see* Shelley, M.W. 57291
Brain, J. Fiber optics for displays 76121
Brain, M. Network communications using the NetBEUI protocol 74730
Brainard, G.C. *see* Bernecker, C.A. 90638
Braithwaite, R.N., Bhanu, B. Hierarchical Gabor filters for object detection in infrared images 76091
Brajal, A. *see* Chouly, A. 86057
Brake, H.J.M.ter *see* ter Brake, H.J.M.
Brake, M. *see* Buie, M.J. 62422
Brakefield, J.C. Subpixel resolution with steerable filters 64670
Brakelmann, H. Hybrid cable, an alternative to underground ultra high voltage transmission? 53758
Brakelmann, H., Honerla, J., Rasquin, W. Stress controlled extra high voltage cable 68240
Brall, A. A model for success in implementing an R&M program by a supplier of manufacturing machinery 54428
Bramanti, M. An improved range-resolution pulse-echo technique by means of vectorial-network-analyzer-based frequency-domain testing 59621
Brambilla, A., D'Amore, D. Algorithm to simulate periodically switched power circuits in the time domain 80086
Brambilla, A., Dallago, E. Analysis and design of snubber circuits for high-power GTO DC-DC converters 60299
Brambilla, A., Dallago, E., Nora, P., Sassone, G. Study and implementation of a low conduction loss zero-current resonant switch 61549
Brambilla, L., Caon, A., Contini, R., D'Acolti, G., Rossi, E., Verzeni, G., Flores, C., Paletta, F., Rapp, E., Viola, F. GaAs photovoltaic technology application: ARSENE solar array 99105
Brambilla, L. *see* Flores, C. 100739
Brambilla, M. *see* Oppo, G.-L. 63941
Brambilla, M. *see* Oppo, G.L. 94626
Brambilla, M. *see* Prati, F. 94558
Bramble, J.H., Goldstein, C.I., Pasciak, J.E. Analysis of V-cycle multigrid algorithms for forms defined by numerical quadrature 54730
Bramble, J.H., King, J.T. A robust finite element method for nonhomogeneous Dirichlet problems in domains with curved boundaries 69891
Bramblett, T.R., Lu, Q., Karasawa, T., Hasan, M.-A., Jo, S.K., Greene, J.E. Si(001)2×1 gas-source molecular-beam epitaxy from Si_2H_6: growth kinetics and boron doping 79790
Bramley, J.S., Irving, N.B., Warty, P. Focus on network reliability: Power and infrastructure 85546
Brammer, D. Reductions in inert gas usage and no-clean processes in recirculating forced convection SMT reflow systems 81058
Brammer, R., Karlsson, T., Rudolfsson, D. Greater thermal conductivity with new micatapes 89837
Brammer, S.R. *see* Peterson, W.L. 89157
Brammer, U. An integral equation method for axis symmetric magnetostatic problems 64093
Brammer, U. Electromagnetic compatibility of superconducting magnetic energy stores 90467
Brancato, R. *see* Magni, R. 88492
Branciforte, E.J. *see* Carroll, R.D. 56188
Branco, M.G.C. *see* Abud Filho, E. 86053
Branco, P.J.Costa *see* Costa Branco, P.J.
Brand, D., Damiano, R.F., van Ginneken, L.P.P.P., Drumm, A.D. In the driver's seat of BooleDozer 92055
Brand, D., Iyengar, V.S. Identification of redundant delay faults 49240
Brand, G.F. *see* Idehara, T. 62093
Brand, G.F. *see* Idehara, T. 62105
Brand, H., Selberherr, S. Electrothermal analysis of latch-up in an insulated gate transistor (IGT) 49967
Brand, J.L., Hoffman, R.J. Specifying cleanliness for disk-drive components: How clean is clean? 63241
Brand, O., Lenggenhager, R., Baltes, H. Influence of air pressure on resonating and thermoelectric microstructures realized with standard IC technologies 97925
Brand, P. *see* Mohr, R. 74620
Brand, R. *see* Kocsis, Z. 88205
Brand, S. *see* Wilson, S.P. 62170
Brand, U. *see* Simonsen, H.R. 86873
Brandao, A.L., Lopes, L.B., McLernon, D.C. Method for timing recovery in presence of multipath delay and cochannel interference 65679
Brandao Faria, J.A. Time-domain analysis of Kerr electro-optic cells for high-voltage pulse measurements 72443
Brande, F.Van den *see* Van den Brande, F.
Brandeberry, F. *see* Coleman, P. 67076
Brandeberry, F. *see* Goren, Y. 67091
Brandel, V. *see* Lou, L. 72378
Branden Lambrecht, C.van den *see* van den Branden Lambrecht, C.
Brandenburg, A., Henninger, R. Integrated optical Young interferometer 82687
Brandenburg, K., Henke, R. Near-lossless coding of high quality digital audio: first results 75777
Brandes, G.R. *see* Canter, K.F. 81161
Brandes, J., Greubel, K., Winter, U. Drives for electric cars—a comparison of motor types and battery types 100891
Brandhorst, H.W. Space power—whats old is new again 99113
Brandisky, K. *see* DeWeerdt, R. 68618
Brandle, C.D. *see* Fratello, V.J. 91464
Brandli, G. *see* Peeters, J. 54523
Brandner, H. Analogue and digital audio processing in a television transmission van with digital-serial components (DSC) 97612
Brandon, J. *see* Ghirardi, F. 50573
Brandon, J. *see* Ghirardi, F. 86321
Brandon, J. *see* Mersali, B. 94143
Brands, S. Untraceable off-line cash in wallet with observers 73763
Brandstadt, A., Dragan, F.F., Chepoi, V.D., Voloshin, V.I. Dually chordal graphs 61092
Brandt, A., Brandt, M. On the distribution of the number of packets in the fluid flow approximation of packet arrival streams 85249
Brandt, A. *see* Nava, M.D. 65064
Brandt, B.L., Crow, J.E., Schneider-Muntau, H.J., Parkin, D.M., Sullivan, N.S. The National High Magnetic Field Laboratory: A new facility in support of high field research - DC facility in Tallahassee 82507
Brandt, B.P., Wooley, B.A. A low-power, area-efficient digital filter for decimation and interpolation 61812

Brandt, B.P., Wooley, B.A. A versatile, efficient digital filter for decimation and interpolation 70766
Brandt, D., Cornelis, K., Danilov, V., Hofmann, A., Juillard, C., Perevedentsev, E., Peschardt, E., Rossa, E., Tecker, F., Wang, D., Zotter, B., Rivkin, L. The LEP impedance model 87724
Brandt, D. *see* Van der Wal, K. 85448
Brandt, D. *see* van der Wal, K. 96131
Brandt, J. *see* Strom, B.D. 93882
Brandt, J.R. *see* Yu, D.C. 78254
Brandt, K. Historical development of secondary lithium batteries 90371
Brandt, M. *see* Brandt, A. 85249
Brandt, M.S., Johnson, N.M., Molnar, R.J., Singh, R., Moustakas, T.D. Hydrogenation of p-type gallium nitride 49852
Brandt, M.S. *see* Graeff, C.F.O. 56519
Brandt, R. *see* Dwivedi, K.K. 88160
Brandt, R. *see* Kocsis, Z. 88186
Brandt, R. *see* Zhou Pei-De 88169
Brandt, S. Subtrees and subforests of graphs 54679
Brandt-Pearce, M., Aazhang, B. Multiuser detection for optical code division multiple access systems 58412
Brandtberg, H. Electronic display system for the Swedish JAS39 Gripen aircraft 88682
Brandtberg, H. Electronic display system for the Swedish JAS 39 Gripen aircraft 88697
Brandts, J.H. Superconvergence and a posteriori error estimation for triangular mixed finite elements 91393
Brandwajn, V. *see* Adapa, R. 89177
Brandys, T., Hughes, E., Haney, M., Tharakan, G. A prototype data collection circuit for the SDC 76837
Branger, H. *see* Sobieski, P. 77498
Brankner, K. *see* Barna, G.G. 62351
Brankovic, V.J., Krupezevic, D.V., Ritter, J., Arndt, F. Efficient 2D FD-TD method for the rigorous analysis of arbitrarily shaped guided wave structures on general electrically and magnetically anisotropic substrates 83797
Brankovic, Z., Milosevic, O., Uskokovic, D., Poleti, D., Karanovic, L. Nanostructured constituents of ZnO-based varistors prepared by mechanical attrition 49680
Brannberg, N., Mackerle, J. Finite element methods and material processing technology 91394
Brannen, R. *see* Ismail, M. 49590
Branner, G.R. *see* Krantz, E.G. 70916
Branner, G.R. *see* Kumar, B.P. 57268
Brannon, C. *see* Ngo, T. 91922
Brannon, J., Snyder, C. Pulsed 532 nm laser wirestripping: removal of dye-doped polyurethane insulation 70965
Brannon, P.J. Transient radiation-induced absorption in laser materials 94042
Branover, G., Blinov, V., Kolesnichenko, A. Magnetohydrodynamic pumps in refrigerating plants 100958
Branson, B.H. *see* Campisi, I.E. 67171
Branson, R.E. *see* Ehoud, A. 80713
Branst, L. *see* Waters, R. 87374
Branstetter, M.L. *see* Stanberry, L.C. 96741
Branstetter, R., Harper, A., Denton, L. Ultra-reliable digital avionics (URDA) processor architecture 88664
Brant, D., Lott, G.K., Paluszek, S.E., Skimmons, B.E. Modern HF mission planning combining propagation modeling and real-time environment monitoring 97515
Brant, M.R. *see* Yang, W.Q. 87088
Brant, M.R. *see* Yang, W.Q. 87600
Branz, H.M. *see* Luft, W. 90404
Branzalov, P.P., Ivanov, L.M., Pavlov, L.I. Displacement sensor using a hollow metal optical waveguide 66406
Brar, B., Samoska, L., Kroemer, H., English, J.H. Electrical and optical properties of heavily n-doped GaSb-AlSb multiquantum well structures for infrared photodetector applications 55618
Brar, N.S. *see* Rosenberg, Z. 87130
Brar Berinder *see* Berinder Brar
Bras, B., Mistree, F. Concurrent axiomatic and robust design using compromise decision support problems [passive filter] 80418
Bras, B.Le *see* Le Bras, B.
Brasca, C., Arcidiacono, V., Corsi, S. An adaptive excitation controller for synchronous generators: studies and experimental results at a power station 100100
Brasen, D., Saucier, G. FPGA partitioning for critical paths 49300
Brasen, D. *see* Green, M.L. 81463
Brash, E.J. *see* Cummings, W.J. 64116
Brashear, H.R. *see* Todd, R.A. 88236
Brashear, H.R. *see* Todd, R.A. 98675
Brasher, J.D., Kinser, J.M. Fractional-power synthetic discriminant functions 51675
Brasher, J.D. *see* Vijaya Kumar, B.V.K. 51574
Brasher, J.D. *see* Vijaya Kumar, B.V.K. 51672
Brasil, M.J.S.P. *see* Aspnes, D.E. 61295
Braslavsky, I.Ya., Zuzev, A.M., Shilin, S.I. Software for thyristor voltage regulator-asynchronous motor (TVR-AM) systems 60517
Brasola, F. *see* Rossetto, L. 68843
Brass, E., Hilleringmann, U., Schumacher, K. System integration of optical devices and analog CMOS amplifiers 82671
Brass, V. *see* Fuhrmann, W.F. 86137
Brasse, F. *see* Appuhn, R.D. 98542
Brasseur, L. The problem with fill patterns 90812
Brasseur, O. *see* Stojanoff, C.G. 57019
Brassil, J. Peak rate regulation maintains service quality in ATM LAN/WAN interconnection 65289
Brassil, J., Choudhury, A.K., Maxemchuk, N.F. The Manhattan street network: a high performance, highly reliable metropolitan area network 52173
Brassil, J., Low, S., Maxemchuk, N., O'Gorman, L. Electronic marking and identification techniques to discourage document copying 65395
Bratchikov, A.N., Sheremeta, A.P. Optical amplifiers on the basis of Er-doped fibers: present state 94418
Bratchikov, A.N., Voskresenskyi, D.I., Garkusha, S.A. High frequency characteristics of directly modulated injection laser 94514
Brathwaite, N.E. *see* Tuckerman, D.B. 48679
Bratina, G. *see* Karpov, I. 91562
Bratkovic, F. *see* Fajfar, I. 49609
Bratov, A.V. *see* Levichev, S.S. 66257
Bratov, V.A. *see* Starosel'skii, V.I. 71721
Bratt, A.H., Olbrich, T., Dorey, A.P. Class AB regulated cascode current memory cell 92234
Bratt, J. *see* Ikumi, N. 92283
Bratt, M.J., Hamlyn, M.G., Bowden, A.L. Sintering of ceramics using microwave energy 100972
Brattoli, M. *see* Convertino, G. 74233
Bratus, A.L. *see* Sharonov, M.Yu. 83031
Brau, C.A. *see* Tompkins, P.A. 67406
Brau, J. *see* Arodzero, A. 59076
Brauch, J. *see* Holler, M. 74344
Brauch, T. *see* Giesen, A. 56668
Brauch, U. Temperature dependence of efficiency and thermal lensing of diode-laser-pumped Nd:YAG lasers 56673
Brauchle, C. *see* Silber, A. 58863
Braud, P., Dhome, M., Laprest, J.T., Daucher, N. Modelled object pose estimation and tracking by a multi-cameras system 84712
Brauer, A., Gase, T., Erdmann, L., Dannberg, P., Karthe, W. Polarization-independent integrated electro-optic phasemodulator in polymers 56426
Brauer, A.M.W. Modelling and simulation of jet engines for procedural trainers 53496
Brauer, D.C. Expert systems and strategic testing 54479
Brauer, J.M., Chen, W.T. Innovations in organics circuit packaging technology 92678
Brauer, J.R. Finite element antenna CAE 51221
Brauer, J.R. Finite element analysis of power electronic circuits containing nonlinear magnetic components 55139
Brauer, J.R., Ruehl, J.J. 3D coupled electromagnetic and structural finite element analysis of motional eddy current problems 83490
Brauer, R., Helma, H., Ochs, R. A linearly working low light level imaging method for luminescence applications 76929
Brauer, R. *see* Jendral, A. 64006
Brauer, R. *see* Wentzel, S. 83385
Brauer, S.O., Kustom, R.L. Higher-order modes in the APS storage ring waveguides 67170
Brauer, S.O. *see* Song, J.J. 98472
Brault, M. *see* Senez, V. 93157
Brault, P. *see* Petri, R. 62467
Braun, A. Capacitive coupling through the shields of medium-voltage cables 53762
Braun, A. *see* Saritepe, S. 66946
Braun, A.E. *see* Dralyuk, B.N. 60636
Braun, B. *see* Weingarten, K.J. 72742
Braun, C. *see* Petr, D.W. 85245
Braun, D. *see* Rikken, G.L.J.A. 71203
Braun, D.H., Gilmore, T.P., Maslowski, W.A. Regenerative converter for PWM AC drives 90530
Braun, E., Kistner, H. Catenary sectioning devices on high-speed line Madrid-Seville 100885
Braun, F. *see* Grunenfelder, R. 58177
Braun, G. *see* Bock, R. 59147
Braun, H., Neunstocklin, V., Schmitt, W. Network control and load allocation for power supplies 59847
Braun, H.-W. *see* Claffy, K.C. 85633
Braun, J. *see* Zilka, Z. 61483
Braun, J.M., Horrocks, D.J., Levine, J.P., Sedding, H.G. Development of on-site partial discharge testing for transmission class cables 89273
Braun, K., Grollmann, J., Horn, M., Langen, M., Thulke, W., Weigel, W. Personal communication is more than wireless communication 86150
Braun, R.-P., Caspar, C., Foisel, H.-M., Heimes, K., Strebel, B. Signalling experiment for optical frequency division multiplexed switching systems 58269
Braun, T., Schmidt, C., Seitz, J. Monitoring and managing parallel communication architectures 51968
Braun, W., Jr. *see* Becker, C. 53608
Braun, W., Jr. *see* Becker, C. 68022
Braun, W.B., Jr. *see* Becker, C. 88965
Braun-Munzinger, P. *see* David, G. 87983
Brauner, G. Possible applications of superconducting magnetic energy storage in energy technology 90474
Brauner, G., Zobel, M. Knowledge based planning of distribution networks 78037
Brauner, N., Moalem Maron, D. Dynamic model for the interfacial shear as a closure law in two-fluid models 89516
Braunig, D. *see* Bruns, J. 60458
Braunig, D. *see* Klaer, J. 71231
Braunig, D. *see* Scharf, S. 71222
Brauning, H., Breskin, A., Chechik, R., Dangendorf, V., Demian, A., Ullmann, K., Schmidt-Bocking, H. A large volume 3D imaging gas scintillation counter with CsI-based wire chamber readout 88307
Braunisch, W. *see* Drzazga, Z. 72208
Braunovic, M., Alexandrov, N. Intermetallic compounds at aluminum-to-copper electrical interfaces: effect of temperature and electric current 61959
Braunstein, G. *see* Paz-Pujalt, G.R. 82666
Braunstein, J., Connor, K., Salon, S., Libelo, L., Schlesiger, C.D. Analysis of flared end for Vlasov-type antenna: comparison of 2D finite element analysis with experiment 83840
Braunstein, J. *see* Schlechtweg, M. 80787
Braunstein, L., Schmidt, M., Gropp, K. Application of laboratory analyser for the determination of ammonia in flue gas 89561
Braunstein, M., Ralston, J., Sparrow, D. Signal processing approaches to radio frequency interference (RFI) suppression 75566
Braunstein, M. *see* Gilbert, G. 75563
Braux, H. *see* Grasdijk, M. 96498
Bravar, A. *see* Akchnrin, N. 66847
Bravin, M. Interfacing DCS systems to networks of intelligent electrical protections 68055
Bravman, J.C. *see* Besser, P.R. 62538
Bravman, J.C. *see* Lee, C.C. 62476
Bravman, J.C. *see* Lee, C.C. 71315
Bravman, J.C. *see* Marieb, T.N. 62535
Brawhear, R.B., Menezes, N., Oh, C., Pillage, L.T., Mercer, M.R. Predicting circuit performance using circuit-level statistical timing analysis 49317
Brawn, I., Carney, R., Garvey, J., Jovanovic, P., Staley, R., Watson, A., Ellis, N., Eisenhandler, E., Landon, M., Gee, C.N.P., Gillman, A., Hatley, R., Perera, V., Quinton, S. Implementation of a first-level calorimeter trigger for use at the Large Hadron Collider at CERN 98678
Brawn, I.P., Carney, R.E., Dickow, U., Eisenhandler, E., Ellis, N., Garvey, J., Gee, C.N.P., Gillman, A.R., Hatley, R., Landon, M., Perera, V., Quinton, S., Staley, R.J., Watson, A.T. Beam test of a prototype level-1 calorimeter trigger for LHC experiments 98657
Brawner, D.A., Ott, H.R. Evidence for an unconventional superconducting order parameter in $YBa_2Cu_3O_{6.9}$ 82390
Bray, A. *see* Barrom, S. 63220
Bray, A.V., Corley, C.J. 3M DC6150 data-cartridge archival-storage integrity estimation via accelerated life testing 56227
Bray, J.W. Vision of HTS applications at GE: HTS generator 68529
Bray, S. *see* Wang, S.T. 82325
Bray, S.L. *see* Pourrahimi, S. 82478
Brayton, D. *see* Johnson, E.J. 97678
Brayton, R.K. *see* Huey-Yih Wang 91995
Brayton, R.K. *see* Kukimoto, Y. 91843
Brayton, R.K. *see* Lam, W.K.C. 92132
Brayton, R.K. *see* Murgal, R. 80066
Brayton, R.K. *see* Pixley, C. 91833
Brayton, R.K. *see* Saldanha, A. 49243
Brayton, R.K. *see* Saldanha, A. 61671
Brayton, R.K. *see* Saldanha, A. 91706
Brayton, R.K. *see* Sentovich, E.M. 92034
Brayton, R.K. *see* Watanabe, Y. 49078
Braz, C.A., Vandelac, J.-P., Ziogas, P.D. Small-signal analysis of an energy-recovery buck-derived converter 60335
Brazil, J. *see* Carbonara, J. 68698
Brazil, J. *see* Carbonara, J. 78681
Brazil, T.J. *see* Halloran, P. 80070
Brazil, T.J. *see* Ke Lu 81838
Brazil, T.J. *see* Lu, K. 50078
Brazio, J.M. *see* Sobrinho, J.L. 74976
Brazio, J.M. *see* Sobrinho, J.L. 74977
Brazis, R. *see* Bumeliene, S. 81342
Brazzelli, C. *see* Cantoni, P. 53306
Brdys, M.A. *see* Kulawski, G.J. 60507
Breakall, J.K., Werner, D.H., Lunnen, R.J. Antenna modeling and characterization of a VLF airborne dual trailing wire antenna system 51224
Breakall, J.K., Young, J.S., Hagn, G.H., Adler, R.W., Faust, D.L., Werner, D.H. The modeling and measurement of HF antenna skywave radiation patterns in irregular terrain 73523
Breakall, J.K. *see* Werner, D.H. 57270
Breakenbridge, E. *see* Sharman, K.C. 51489
Breaux, P. *see* Sanders, B. 65253
Brebner, J.L. *see* Ares, R. 55717
Brebner, J.L. *see* Beaulieu, Y. 71181
Brebner, J.L. *see* Xing, Q.J. 72891
Brechbuhler, C. *see* Szekely, G. 98768
Brechtelsbauer, P.B. *see* Tianying Ren 67515
Bredas, J.L. *see* Salaneck, W.R. 91650

Brede, R. *see* Danger, T. 82987
Bredeson, J.G. *see* Barghi, H. 85331
Bredimas, V. High frequency capacitance behavior of metal-oxide-semiconductor tunnel structures 71224
Bredol, M., Merikhi, J., Kohler, I., Bechtel, H., Czarnojan, W. Emission color tuning of green emitting ZnS-based CRT phosphors 63564
Bredow, J. *see* Tjuatja, S. 77522
Bredow, J.W. *see* Porco, R.L. 59538
Bredow, J.W. *see* Porco, R.L. 77433
Bredy, J. *see* Claraz, J.L. 77769
Breed, G.A. A first introduction to frequency hopping spread spectrum 58277
Breed, G.A. Printed circuit board considerations for low cost design 92685
Breed, G.A. Filter specifications for RFI control 94882
Breedijk, T., Edgar, T.F., Trachtenberg, I. A model predictive controller for multivariable temperature control in rapid thermal processing 62357
Breedijk, T. *see* Moslehi, M. 93626
Breedijk, T. *see* Moslehi, M.M. 71800
Breedijk, T. *see* Moslehi, M.M. 90920
Breedijk, T.T. *see* Badgwell, T.A. 93553
Breelle, E., Rigo, S., Kilner, J.A., Ganem, J.-J. SIMS study of rapid thermal nitridation of silicon dioxide thick films in ammonia ambient 81543
Breen, A.P., Page, J.H. Designing the next generation of text-to-speech systems 64349
Breen, W.F. *see* Hogan, S.J. 100726
Breen, W.F. *see* Nowlan, M.J. 90429
Brees, A., Dohler, G., Duthie, J., Groshart, G., Pierce, G., Weyrich, R. Microwave power module (MPM) development and results 92613
Breeuwer, M. *see* Bedford, T. 95794
Bregadze, A.Yu. *see* Guseva, M.B. 70082
Bregant, G. *see* Algalarrondo, D. 96848
Breger, A.Kh. *see* Bogoyavlenskii, R.G. 99841
Bregler, C., Hild, H., Manke, S., Waibel, A. Improving connected letter recognition by lipreading 73822
Breglio, G., Cutolo, A. Optoelectronic measurement of voltage pulse repetition frequency by picosecond laser diodes 58940
Breglio, G., Cutolo, A., Zeni, L., Corsi, F., De Vento, D., Portacci, G.V. Gain switched laser diodes for the characterization of subnanosecond voltage pulses 87409
Bregman, J.D. *see* Rank, D.M. 64579
Bregman, L. *see* Baranov, S. 70399
Bregni, S., D'Agrosa, M., Valtriani, L. SDH equipment testing: an Italian experience towards standard test specifications 97836
Bregni, S., Valtriani, L., Manzalini, A. A practical estimate methodology for MRTIE and related issues 74831
Bregni, S. *see* Manzalini, A. 51954
Breguet, J. *see* Inaudi, D. 87267
Brehat, F. *see* Espinosa, E. 50441
Brehm, C., Darbon, P., Gagnaire, H. Non-contact interferometry, a new tool for fiber outside diameter measurement and calibration 82616
Brehm, G. *see* Loffel, F. 60036
Brehm, G. *see* Pritchett, S. 87010
Breidenbach, M., Foss, M., Hodgson, J., Kulikov, A., Odian, A., Putallaz, G., Rogers, H., Schindler, R., Skarpaas, K., Zolotorev, M. An inverted-geometry, high voltage polarized electron gun with UHV load lock 92864
Breipohl, A. *see* Yu, Z. 78044
Breipohl, A.M., Lee, F.N., Lin, M.-Y., Wang, H.D., Chiang, J.-Y. An adaptive production simulation structure for operational planning with annual emission/fuel constraints 89166
Breipohl, A.M. *see* Allan, R.N. 59672
Breipohl, A.M. *see* Lee, F.N. 78017
Breipohl, A.M. *see* Zhai, D. 59786
Breit, G.A., Intaglietta, M. A modeling cross-spectral analysis technique based on the Prony Spectral Line Estimator (PSLE) 59259
Breit, H. *see* Bamler, R. 67797
Breitbard, A. *see* Madjar, A. 80851
Breiteneder, C. *see* Gibbs, S. 97700
Breitenstein, O., Heydenreich, J. Non-ideal I-V-characteristics of block-cast silicon solar cells 90387
Breitenstein, O. *see* Herzog, L. 81450
Breiter, B.Z., Rozman, Ya.B. Trends in electric-drive development outside of Russia 69085
Breitlow-Hertzfeld, J. *see* von Ortenberg, M. 82505
Bremaud, P., Massoulie, L. Imbedded construction of stationary sequences and point processes with a random memory 79547
Bremerich, M. *see* Hof, M. 67310
Bremner, J.J. *see* Hammons, T.J. 89209
Bremner, J.J. *see* Hammons, T.J. 99656
Brendel, P., Lambert, M. Evolving towards the TMN 85509
Brendel, R. Simple prism pyramids: a new light trapping texture for silicon solar cells 100647
Brendel, R., Marianneau, G., Djian, F., Robert, E. Improved OCXO's oven using active thermal insulation 50156
Brendel, T. *see* Schwanke, J. 74383
Brendel-Wagner, S. *see* Bischoff, M. 72569
Brendeng, E. *see* Grini, P.G. 98372
Brener, R. *see* Cytermann, C. 71295
Brenier, A. *see* Kalisky, Y. 94423
Brenn, R. *see* Flemig, G.W. 79865
Brennan, C.J. A physical model for the electrical hysteresis of thin-film ferroelectric capacitors 56171
Brennan, C.J., Parrella, R.D., Larsen, D.E. Temperature dependent fatigue rates in thin-film ferroelectric capacitors 93795
Brennan, D. *see* Sirkis, J. 52932
Brennan, D. *see* Sirkis, J. 98059
Brennan, J.M., Ciardullo, D.J., Hayes, T., Meth, M., McNerney, A.J., Otis, A., Pirkl, W., Sanders, R., Spitz, R., Toldo, F., Zaltsman, A. The upgrade project for the RF system for the Brookhaven AGS 67178
Brennan, J.M. *see* Reece, R.K. 87835
Brennan, K.F. *see* Mansour, N.S. 49779
Brennan, K.F. *see* Salem, A.F. 75986
Brennan, K.F. *see* Yang Wang 58751
Brennan, K.F. *see* Yang Wang 72586
Brennan, K.F. *see* Yang Wang 81217
Brennan, M. *see* Parks, G. 55429
Brennan, M. *see* Russo, D. 76482
Brennan, S., Skomski, R., Coey, J.M.D. Non-equilibrium gas-phase nitrogenation 72012
Brennan, S., Tompkins, W., Takaura, N., Pianetta, P., Laderman, S.S., Fischer-Colbrie, A., Kortright, J.B., Madden, M.C., Wherry, D.C. Wide band-pass approaches to total-reflection X-ray fluorescence using synchrotron radiation [VLSI testing] 82032
Brennan, T.M. *see* Fritz, I.J. 63544
Brennan, T.M. *see* Howard, A.J. 91487
Brenner, D.W. *see* Sinnott, S.B. 81688
Brenner, K.-H., Eckert, W., Passon, C. Demonstration of an optical pipeline adder and design concepts for its microintegration 72526
Brenner, K.-H. *see* Bahr, J. 82686
Brenner, M.J., Ellder, A.J., Zarghamee, M.S. Upgrade of a large millimeter-wavelength radio telescope for improved performance at 115 GHz 58531
Brenner, O. *see* Raus, M. 79469
Brenner, R. Smart cards with built-in microprocessors: partition into virtual cards 55266
Brenner, R. *see* Fallot-Burghardt, W. 88244
Brenner, T., Bachmann, M., Melchior, H. Vertically tapered InGaAsP/InP waveguides for highly efficient coupling to flat-end single-mode fibers 82620
Brenner, T., Melchior, H. Local etch-rate control of masked InP/InGaAsP by diffusion-limited etching 71352
Bres, M. *see* Clerc, G. 67231
Breskin, A., Buzulutskov, A., Chechik, R., Vartsky, D., Malamud, G., Mine, P. Electric field effects on the quantum efficiency of CsI photocathodes in gas media 76003
Breskin, A., Chechik, R., Akkerman, A., Gibrekhterman, A., Elkind, V., Frumkin, I., Notea, A. Recent developments in secondary emission gaseous X-ray imaging detectors 87993
Breskin, A., Shefer, E., Chechik, R., Pansky, A. On the two-stage operation mechanism of low-pressure microstrip gas chambers 59100
Breskin, A. *see* Brauning, H. 88307
Breskin, A. *see* Buzulutskov, A. 92906
Breskin, A. *see* Malamud, G. 88001
Bresler, Y., Willis, N.P. Optimal scan design for time-varying tomographic imaging 88459
Bresler, Y. *see* Garth, L.M. 84427
Bresler, Y. *see* Kerfoot, I.B. 84941
Breslin, M.W., Marinelli, D.J. Voice messaging for Definity system customers around the world — the Definity Audix voice mail system 85604
Bressan, A. *see* Martin, A. 67356
Bressan, M. *see* Acerbi, E. 63871
Bressan, M. *see* Arcioni, P. 49630
Bressan, M. *see* Arcioni, P. 63888
Bressan, M. *see* Arcioni, P. 67059
Bressani, T. *see* Martin, A. 67356
Bresse, J.-F. Application aspects of beam injection methods 55704
Bressi, G. *see* Carugno, G. 67326
Bressler, V.E., Ruland, R.E. The Final Focus Test Beam laser reference system 76716
Bressler, V.E., Ruland, R.E., Plouffe, D. Overview of the Final Focus Test Beam alignment system 76645
Bressler-Hill, V., Lorke, A., Varma, S., Petroff, P.M., Pond, K., Weinberg, W.H. Initial stages of InAs epitaxy on vicinal GaAs(001)-(2×4) 91441
Bressler-Hill, V. *see* Reaves, C.M. 54926
Bresson, D. *see* Bate, J.-M. 82488
Bretenaker, F. *see* Cotteverte, J.-C. 50911
Bretenaker, F. *see* Jacob, D. 56837
Bretenaker, F. *see* Vallet, M. 83198
Brethauer, D.M., Doughty, R.L., Puckett, R.J. The impact of efficiency on the economics of new motor purchase, motor repair, and motor replacement 60168
Breton, J.P.Le *see* Le Breton, J.P.
Breton, M., Tremblay, P., Julien, C., Cyr, N., Tetu, M. Study of a 196.0 THz (1529 nm) frequency standard based on an optically pumped rubidium vapor 86880
Breton, M. *see* Poulin, M. 83230
Breton, M. *see* Poulin, M. 86911
Breton, Y. *see* Gicquel, A. 70117
Bretones, A.R., Salinas, A., Martin, R.G., Garcia, I.S. Time domain analysis of dielectric-coated wire antennas and scatterers 73479
Bretones, A.Rubio *see* Rubio Bretones, A.
Brett, M. *see* Dew, S. 49915
Brett, M.J. *see* Liu, D. 71413
Brett, M.J. *see* Smy, T. 49921
Brett, P. Mechatronics in surgery 77036
Brette, P. *see* Ariztizabal, F. 98518
Brettle, D.S., Cowen, A.R. Dual-energy digital mammography utilizing stimulated phosphor computed radiography 98877
Brettle, D.S. *see* Workman, A. 98856
Bretz, E.A. Repowering—How to get more power from existing resources to meet future power generation needs 53951
Bretz, E.A. Utility boilers 68444
Bretz, E.A. New era in plant design dawns with advanced computer tools 99806
Bretz, E.A. First US nuclear EWG forges ahead 99829
Bretz, E.A. Nuclear power 99859
Breu, S. *see* Thiel, D. 77904
Breuer, D. *see* Pieper, W. 58380
Breuer, M.A. *see* Kuen-Jong Lee 49285
Breuer, M.A. *see* Lempel, M. 49372
Breuer, M.A. *see* Lin, S.-P. 49301
Breuer, M.A. *see* Parulkar, I. 91704
Breuer, P.T., Fernandez, L.S., Kloos, C.D. Clean formal semantics for VHDL 49094
Breuer, S., Meuser, T. Enhanced throughput in slotted rings employing spatial slot reuse 65327
Breugnot, S., Dolfi, D., Rajbenbach, H., Huignard, J.-P., Defour, M. Enhancement of the signal-to-background ratio in photorefractive two-wave mixing by mutually incoherent two-beam coupling 73061
Breuls, A., Svensson, T. Strength and fatigue of zirconia induced weak spots in optical fibre 94102
Breuls, A.H.E. *see* Leclercq, J.W. 82614
Breuze, G., Fanet, H., Serre, J., Colas, D., Garnero, E., Hamet, T. Low dose rate gamma ray induced loss and data error rate in multimode silica fiber links 75435
Breveglieri, L. *see* Alippi, C. 53346
Breveglieri, L. *see* Alippi, C. 67381
Breveglieri, L. *see* Dell'Acqua, A. 87955
Breveglieri, L. *see* Dell'Acqua, A. 98680
Brewer, E.G. *see* Fuerst, C.D. 50386
Brewer, E.G. *see* Fuerst, C.D. 71935
Brewer, F. *see* Seawright, A. 55177
Brewer, H.S. *see* Comber, M.G. 53830
Brewer, J.E., Miller, L.C., Gilbert, I.H., Melia, J.F., Garde, D., DeMaris, J.E. A monolithic processing subsystem 80347
Brewer, J.E., Miller, L.G., Gilbert, I.H., Melia, J.F., Garde, D. A single-chip digital signal processing system 49459
Brewin, M. *see* McCormick, M. 97625
Brews, J.R. *see* Johnson, G.H. 71643
Brews, J.R. *see* Yang, Y. 82007
Brewster, A.E., Wall, P., Paterson, I.C.M., Moore, J.L., Pickard, R. Microfabricated printed circuit for measuring oxygen in vitro 98751
Brewster, K.A. *see* Miller, P.A. 99185
Brewster, R.L. *see* Bozward, D. 51374
Brewster, R.L. *see* Cooke, J.C. 65629
Breyta, G. *see* Pomerene, A. 81597
Brez, A. *see* Angelini, F. 59120
Brez, A. *see* Angelini, F. 98520
Breza, J. *see* Orgon, M. 93484
Brezinski, C., Redivo-Zaglia, M. Treatment of near-breakdown in the CGS algorithm 61173
Brezovich, I.A., Pareek, P.N., Spencer, S.A., Salter, M.M., Kim, R.Y. A clinically practical electron cone for the treatment of head and neck cancer 77043
Brezzi, F., Marini, D. A survey on mixed finite element approximations 83443
Brglez, F. *see* Bhattacharya, S. 92104
Brglez, F. *see* Bhattacharya, S. 92172
Brglez, F. *see* Kuznar, R. 92006
Brglez, F. *see* Kuznar, R. 92107
Brglez, F. *see* Rohfleisch, B. 49299
Brglez, F. *see* Zemva, A. 49304
Briand, P. *see* Ciavola, G. 53149
Briand, P. *see* Girard, A. 67262
Briand, P. *see* Melin, G. 53148
Briand, P. *see* Melin, G. 76747
Briand, P. *see* Seyfert, P. 94014
Briand, P. *see* Vadrot, J.F. 71654
Brianti, G. LHC progress and status 87933
Bricault, P. *see* Auger, G. 98385
Brickett, P. *see* Gevins, A. 88505
Brickner, M.S., Zvuloni, A. The effect of polarity on object recognition in thermal images 98204
Brida, G. *see* Godone, A. 86932
Bridenbaugh, P.M. *see* Bylsma, R.B. 72804
Bridge, A., Katz, H. TMN evolution towards TINA 51992
Bridger, B. What to know about high-resistance grounding 89350
Bridger, B., Powers, W.F., Cooper, D.W., McClung, L.B. Use of reduced emissions wire in switchgear equipments 68905

Bridger, B., Jr., Burse, T.A., Wactor, M.W. Design considerations for 38 kV metal-clad switchgear using vacuum interrupting technology 90293
Bridger, K. *see* Hom, C.L. 71868
Bridges, D. *see* Carroll, J. 93501
Bridges, G.E. *see* Said, R.A. 60940
Bridges, G.E. *see* Said, R.A. 93562
Bridges, G.E. *see* Simons, N.R.S. 83594
Bridges, J., Stepp, J. Beamloading compensation of the RF system for the storage ring of the Advanced Photon Source (APS) 98390
Bridges, J. *see* Liu, J. 66926
Bridges, J. *see* Liu, J. 98429
Bridges, J. *see* Primdahl, K. 67126
Bridges, J.F., Kang, Y.W., Kustom, R.L., Primdahl, K. High power operation of a single-cell 352 MHz cavity for the Advanced Photon Source (APS) 67057
Bridges, J.F. *see* Kang, Y.W. 67101
Bridges, J.F. *see* Kang, Y.W. 67102
Bridges, J.F. *see* Stepp, J.D. 66818
Bridges, J.F. *see* Stepp, J.D. 67233
Bridges, W.B. *see* Bruno, W.M. 70823
Bridges, W.B. *see* Yongfang Zhang 63646
Bridle, J. *see* Gillick, L. 84071
Briega, A.M. *see* Arranz, J.C. 65526
Briegel, C. *see* Lackey, S. 76531
Briegel, H.-J., Englert, B.-G., Sterpi, N., Walther, H. One-atom maser: statistics of detector clicks 50716
Brieger, M. *see* Dittrich, H. 100665
Briere, D.D. AIN finally hits the ground running 65478
Briere, D.D. Rolling out new AIN services 85935
Briere, D.D., Gascoyne, K. Telcos boost R&D presence 85405
Brierley, R.H. *see* Narang, A. 90057
Brierley, S.K. *see* Parsons, C.A. 81938
Brigati, S., Maloberti, F., Torelli, G. Speed limitations in CMOS data converters with switch selection networks 61781
Brigati, S. *see* Alippi, C. 53346
Brigati, S. *see* Alippi, C. 67381
Brigati, S. *see* Dell'Acqua, A. 87955
Brigati, S. *see* Dell'Acqua, A. 98680
Briggmann, D., Hanke, G., Langmann, U., Pottbacker, A. Clock recovery circuits up to 20 Gbit/s for optical transmission systems 86500
Briggs, A.C.T., Beroual, A., Buret, F. The dynamics of DC predisruption in liquid insulating media 63060
Briggs, A.T.R. *see* Thrush, E.J. 54901
Briggs, D. *see* Becker-Szendy, R. 87033
Briggs, D. *see* Becker-Szendy, R. 97818
Briggs, G.A.D. *see* Ng, D.H.L. 49025
Briggs, J.S. *see* Jones, T.E. 48976
Briggs, K.L. A digital approach to the cardiac cycle 88484
Briggs, R.D. *see* Kenney, J.S. 97079
Briggs, R.D. *see* Sleva, M.Z. 99333
Briggs, R.J. Status of the SSC 87656
Briggs, R.S., Srinivasan, P. Perfluoropolyethers, versatile primary fluids for vapour phase curing of thermosetting polymers 91652
Briggs, S. *see* Sharpe, W.N. 68631
Briggs, S.J., Savignon, D.J., Krein, P.T., Kim, M.S. The effects of nonlinear loads on EMI/RFI filters 68211
Briggs, W.T. *see* O'Grady, M.J. 99491
Bright, C.L. *see* Giza, M.M. 76089
Bright, J. *see* Kemp, J. 86289
Bright, V.M., Jenkins, T.J., Fellows, J.A. An accurate physics-based broadband heterojunction bipolar transistor model for SPICE-assisted microwave circuit design 93334
Bright, V.M., Kolesar, E.S., Hauschild, N.T. Investigation of the sensitivity, selectivity, and reversibility of the chemically-sensitive field-effect transistor (CHEMFET) to detect NO_2, $C_3H_9PO_3$, and BF_3 87336
Bright, V.M. *see* Fellows, J.A. 81837
Bright, V.M. *see* Merkel, K.G. 62699
Bright, V.M. *see* Merkel, K.G. 93051
Bright, V.M. *see* Picon, L.L. 87262
Brightwell, P.J., May, R.E., Thomas, G.A. Automated correction of film unsteadiness, dirt and grain 95816
Brignell, J., White, N. Intelligent sensor systems 79195
Brignon, A., Huignard, J.-P. Transient analysis of degenerate four-wave mixing in saturable absorbers: application to Cr^{4+}:GSGG at 1.06 μm 83271
Brignon, A., Huignard, J.-P. Transient analysis of degenerate four-wave mixing with orthogonally polarized pump beams in a saturable Nd:YAG amplifier 83308
Brignon, A., Raffy, J., Huignard, J.-P. Transient degenerate four-wave mixing in a saturable Nd:YAG amplifier: the effect of pump-beam propagation 63959
Brihoum, M.E., Djalal, A., Farhoud, A., Ghandakly, A. A two level computer control system for the assessment of adaptive power system stabilizers 77976
Brijs, B. *see* De Coster, W. 49806
Brill, A.B. *see* Karellas, A. 59297
Brill, A.B. *see* Mardirossian, G. 59378
Brill, B., Heiblum, M. Electron heating in GaAs due to electron-electron interactions 71713
Brill, M.H., Zabal, X., Harman, M.E., Eller, A.I. Doppler-based detection in reverberation-limited channels: effects of surface motion and signal spectrum 86607
Brill, R. *see* Staemmler, M. 88517
Brill, R.W. High integrity digital systems and nuclear safety 99855
Brillard, J.N., Jegou, J.R. MDL 23: 23 GHz radio transmission system for urban and suburban links 65595
Brilliant, A. *see* Hodisan, A. 91949
Brillinger, D.R. Some basic aspects and uses of higher-order spectra 51483
Brillouet, F. *see* Meilleur, R. 50804
Brimhall, O.D., Hasser, C.J. Magnetostrictive linear devices for force reflection in dexterous telemanipulation 82304
Brims, G. *see* McLean, I.S. 66427
Brinck, D.I.B. *see* Shepherd, D.P. 63752
Brinck, D.J.B. *see* Brocklesby, W.S. 94082
Brindel, P. *see* Langanay, J. 83130
Brindza, P. *see* Yan, C. 73240
Bringans, R.D. *see* Bour, D.P. 56791
Bringans, R.D. *see* Bour, D.P. 63787
Bringans, R.D. *see* Knall, J. 81300
Bringenberg, J. *see* Gupta, P.C. 53693
Bringi, V.N. *see* Chandrasekar, V. 99204
Bringi, V.N. *see* Vivekanandan, J. 59552
Bringi, V.N. *see* Vivekanandan, J. 77375
Bringolf, P. Holography: a medium in the making 56985
Bringuier, E. Tentative anatomy of ZnS-type electroluminescence 56558
Bringuier, E., Bourdon, A., Piccioli, N., Chevy, A. Optical second-harmonic generation in lossy media: application to GaSe and InSe 73062
Brink, A. Maximum entropy segmentation based on the autocorrelation function of the image histogram 95838
Brink, A.van den *see* van den Brink, A.
Brink, B. *see* Henningsen, L.B. 59410
Brink, D. *see* Baars, J. 62162
Brink, P.L. *see* Booth, N.E. 59060
Brink, P.L. *see* Goldie, D.J. 63304
Brink, P.L. *see* Swift, A.M. 59165
Brink, R.F.M.van den *see* van den Brink, R.F.M.
Brinker, A.C.den *see* den Brinker, A.C.
Brinker, D.J. *see* Faur, M. 60478
Brinker, D.J. *see* Weinberg, I. 100754
Brinkgreve, P. *see* Botman, J.I.M. 76696
Brinkley, A., Kirby, J.R., Wadehra, I.L., Watson, P.G., Chaffee, C., Cho Nai Cheung, Rhodes, S.P., Wolf, M. Ecoprofile studies of fabrication methods for IBM computers: sheet metal computer cover 79364
Brinkley, P.A., DiGiacomo, W. Statistical 'blueprint' plots manufacturing process 81027
Brinkman, J.L., Schuller, J.C.H. Reliability total safeguarding system and plant risk 79225
Brinkman, W. Low-cost satellite-borne audio and data distribution system 97169
Brinkmann, R., Baumann, I., Dinand, M., Sohler, W., Suche, H. Erbium-doped single- and double-pass Ti:$LiNbO_3$ waveguide amplifiers 94389
Brinkmann, R., Dinand, M., Baumann, I., Harizi, C., Sohler, W., Suche, H. Acoustically tunable wavelength filter with gain 50572
Brinkmann, R., Rossbach, J. Observation of closed orbit drift at HERA covering 8 decades of frequency 98425
Brinkmann, R., Willeke, F. First experience with colliding electron-proton beams in HERA 87830
Brinkmann, R.P. *see* Stoudt, D.C. 63552
Brinkmann, S. *see* Schwider, J. 50543
Brinkmeyer, E. *see* Sabert, H. 58406
Brinkmeyer, E. *see* Sabert, H. 86444
Brinlee, W.R., Pavio, A.M., Varian, K.R. A novel planar double-balanced 6-18 GHz MMIC mixer 80761
Brinlee, W.R., Pavio, A.M., Varian, K.R. A novel planar double-balanced 6-18 GHz MMIC mixers 80813
Brinson, M.E., Faulkner, D.J. Modular SPICE macromodel for operational amplifiers 91909
Brinton, L., Christoe, C. Wireless service operations — gaining the competitive edge 85513
Brinton, M. Some advantages gained by sharing the capabilities of the security system with site operations (U) 90880
Briones, F. *see* Huertas, P. 81461
Briones, F. *see* Ruiz, A. 54875
Briones, F. *see* Silveira, J.P. 71115
Briones, F. *see* Tejedor, P. 81496
Briones, L., Bustamante, P., Serna, M.A. Wall-climbing robot for inspection in nuclear power plants 99865
Brioschi, F., Galletti, E., Garbi, M., Mezzetti, S., Pizzolati, P., Stucchi, E. Development of Q-switched, Nd:host lasers with GRM for diagnostic and LIDAR applications 72760
Briozzo, L. *see* Valle, M. 92256
Briquet, P. Toward suitable urban counters 96121
Brisco, B.G. *see* Toure, A. 59592
Brisebois, S.E. *see* Hubert, P.M. 86391
Brisinski, I.Spitczok von *see* Spitczok von Brisinski, I.
Briskman, R.D. United States satellite digital audio radio service 97521
Briskman, R.D. *see* Johannsen, K.G. 97520
Briskman, Ya.A. *see* Andreev, Yu.M. 69153
Brisou, F. *see* Dunais, J.M. 54225
Brissaud, I. *see* Essabaa, S. 53284
Brissaud, M. *see* Zoghdani, A. 77751
Brisset, C., Dollfus, P., Hesto, P., Musseau, O. Monte-Carlo simulation of the dynamic behavior of a CMOS inverter struck by a heavy ion 71778
Brissette, Y. *see* Cave, J.R. 82434
Brissonneau, P. *see* Kedous-Lebouc, A. 63139
Brissonneau, P. *see* Marion-Pera, M.C. 63086
Brissonneau, P. *see* Marion-Pera, M.C. 68516
Bristow, J., Lehman, J., Yue Liu, Goldberg, T., DeRuiter, J., Kersch, D. Fiber optic MCM for spaceborne applications 67728
Bristow, J. *see* Liu, Y.S. 82869
Bristow, J.P.G. *see* Liu, D.T.H. 66408
Bristow, Q. Application of a post-acquisition pileup correction algorithm to high count rate Ge spectra 87966
Brite, C. *see* Zhibi Wang 87761
Brito, A.C.R.de *see* de Brito, A.C.R.
Brito, A.Naves de *see* Naves de Brito, A.
Brito, J.L.S. *see* Calvet, J.-C. 77700
Brito Cruz, C.H., Tsuda, S. AC Stark shift in CdSSe doped glasses and spectral relaxation in CdTe quantum dots 83283
Britov, G.S. *see* Atanov, V.K. 78864
Britt, J. *see* Delahoy, A.E. 90438
Britt, J. *see* Ferekides, C. 100461
Britt, J. *see* Ferekides, C. 100490
Britt, P.P. *see* Huddleston, D.G. 77781
Britt, S. *see* Anjard, R.P. 79479
Brittain, D.L. *see* Rees, D.E. 66821
Brittain, J.E. Scanning the past: Albert Hoyt Taylor 69308
Brittner, S. *see* Kohl, A. 54921
Brittner, S. *see* Mesquida Kusters, A. 56032
Brittner, S. *see* Opitz, B. 56556
Brittner, S. *see* Wiesner, U. 55587
Britton, C.L., Alley, G.T., Simpson, M.L., Wintenberg, A.L., Yarema, R.J., Zimmerman, T., Boissevain, J., Collier, W., Jacak, B.V., Simon-Gillo, J., Sondheim, W., Sullivan, J.P., Lockyer, N. Design and characterization of the BVX: an 8-channel CMOS preamplifier-shaper for silicon strips 71809
Britton, C.L., Jr. *see* Todd, R.A. 88236
Britton, C.L., Jr. *see* Todd, R.A. 98675
Britton, D.T. *see* Willutzki, P. 87666
Britton, J.D., Traylor, M.E., Bhaskaran, S., McClure, J.C., Singh, V.P. Modification and characterization of insulator-semiconductor interface in a.c. thin film electroluminescent display devices 66637
Britton, P.L. PCB fabrication technologies for improved performance and cost 70982
Britvich, G.I., Vasil'chenko, V.G., Lapshin, V.G. Radiation resistance of plastic scintillators 76781
Briunse, H.W. *see* van Oppen, A.C.C. 88508
Brivati, J.A. *see* Stevens, A.D. 67504
Brizoux, M. *see* Gouno, E. 91156
Brkovic, M., Pietkiewicz, A., Cuk, S. Novel soft-switching converter with magnetic amplifiers 80135
Brna, P., Howe, J. Automated diagnosis of misconceptions about electricity: what are the prospects? 79186
Broadbent, S. Building the power equipment for 'Eurostar' trains 10087!
Broadwater, R. Implementation problems with nuclear power generation 60052
Broadwater, R.P., Shaalan, H.E., Oka, A., Lee, R.E. Distribution system reliability and restoration analysis 78085
Broadwater, R.P., Thompson, J.C., Rahman, S., Sargent, A. An expert system for integrated protection design with configurable distribution circuits. I 68297
Broadwater, R.P. *see* Sargent, A. 90669
Broadwater, R.P. *see* Shaalan, H.E. 77911
Broadwater, R.P. *see* Thompson, J.C. 68295
Broberg, B. *see* Kerzar, B. 86527
Broberg, B. *see* Varga, D. 56812
Broberg, R., Hubbard, A. A custom-chip-based neuromuscular stimulus system 53467
Broberg, R., Hubbard, A. A custom-chip-based functional electrical stimulation system 88552
Brochet, P. *see* Delforge, E. 89971
Brochet, P. *see* Hecquet, M. 89882
Brochu, J., Pelletier, P., Beauregard, F., Morin, G. The interphase power controller: a new concept for managing power flow within AC networks 68060
Brochu, J. *see* Habashi, K. 68066
Brociek, W. *see* Rawa, H. 88940
Brock, B.C. *see* Kotulski, J.D. 87111
Brock, D. *see* Lang, W. 79166
Brock, P. *see* Labadie, J.W. 91021
Brock, T. *see* Gutierrez-Aitken, A.L. 65861
Brock, T. *see* Yang, D. 61903
Brock, T. *see* Youngwoo Kwon 55413
Brock, T. *see* Youngwoo Kwon 55432
Brock, T. *see* Zia, O. 82708

Brock, T.L. *see* Kwon, Y. 49662
Brock, T.R., Cooper, A.J. Dynamic thermal simulation applied to automotive electronics 60603
Brock Barton, J. *see* Fattaruso, J.W. 70776
Brock-Gunn, S., Ellis, T. Using colour templates for target identification and tracking 84658
Brocke, K. *see* Bethmann, A. 75669
Brockenbrough, R.T. *see* Fay, P. 62469
Brockerhoff, P. *see* Schmidt, V.M. 60570
Brockerhoff, W. *see* Heedt, C. 93492
Brockett, R.W. *see* Bloch, A.M. 69754
Brockhaus, H. *see* Bonk, J. 59181
Brockherde, W. *see* Hosticka, B.J. 61467
Brockherde, W. *see* Sprotte, A. 87065
Brockhoff, K. R&D project termination decisions by discriminant analysis—an international comparison 69497
Brockhurst, D., Gardiner, P. PALplus: a prototype codec 58571
Brockhurst, D.M. *see* Gardiner, P.N. 95817
Brockington, M. *see* Funt, B.V. 96035
Brockington, W. *see* Somers, M.L. 99287
Brocklebank, J.T. *see* Smye, S.W. 77034
Brocklehurst, J. Spatial light modulators 97849
Brocklehurst, S., Littlewood, B., Olovsson, T., Jonsson, E. On measurement of operational security 79504
Brocklesby, W.S., Townsend, J.E., Brinck, D.J.B., Brown, R.S. Non-radiative relaxation in Ta-doped silica fibers 94082
Brodd, R.J. *see* Juergens, T. 68979
Broder, B. *see* White, J.V. 84281
Brodersen, K., Tartler, D., Danzer, B. Scrap of electronics a challenge to recycling activities 90899
Brodersen, R.W. *see* Baringer, W.B. 54506
Brodersen, R.W. *see* Chandrakasan, A. 96891
Brodersen, R.W. *see* Stratakos, A.J. 91887
Brodetsky, I., Savic, M. Leak monitoring system for gas pipelines 88889
Brodeur, A. *see* Ghannouchi, F.M. 87467
Brodie, I., Schwoebel, P.R., Falk, H. Vacuum microelectronic devices [and prolog] 71039
Brodie, I. *see* Spindt, C.A. 62083
Brodie, I. *see* Spindt, C.A. 92876
Brodie, P., Taylor, R.H. Safety performance in Nuclear Electric 60064
Brodin, C. *see* Vayrier, J. 98012
Brodin, J. Still picture telephony, videotelephony and telefax for people with mental retardation 53468
Brodin, J. Telefax communication for people with mental retardation 98984
Brodkorb, A. *see* Behrends, D. 69120
Brodnax, T. *see* Roth, C. 92263
Brodovoi, E.N. *see* Biki, M.A. 90087
Brodrie, D.E. *see* Mohajerzadeh, S. 55871
Brodsky, E. *see* Nachman, R. 81592
Brodsky, E.L. *see* Wells, G.M. 88300
Brodsky, J.S. *see* Fox, R.M. 93666
Brodsky, S. *see* Subbanna, S. 92190
Brodsky, W.L., Knight, A.D., Macek, T. Featured elastomer design for connector applications 92673
Brodwin, M.E., Chang, J.T. A new microwave oven for efficient uniform heating based upon a circular cylindrical geometry 90667
Brodyansky, V.M. *see* Sinyavsky, Y.V. 82186
Brodzik, M.L., Rheinboldt, W.C. The computation of simplicial approximations of implicitly defined two-dimensional manifolds 91367
Brodzinski, R.L. *see* Avignone, F.T. 67288
Broeck, T.Van den *see* Van den Broeck, T.
Broeder, F.J.A.den *see* den Broeder, F.J.A.
Broek, J.G.van den *see* van den Broek, J.G.
Broeksma, A.H. *see* Alston, C.E. 99411
Broer, D.J. *see* Bouten, P.C.P. 94100
Broer, M.M. Resonant photosensitivity in rare earth doped glasses and optical fibers 63402
Broer, M.M. *see* Simpson, J.R. 56720
Broers, A.N. *see* Allee, D.R. 71547
Brofferio, C. *see* Alessandrello, A. 59111
Brofferio, C. *see* Alessandrello, A. 59163
Brofferio, C. *see* Alessandrello, A. 88147
Broggi, F. *see* Acerbi, E. 63871
Broggi, F. *see* Arcioni, P. 63888
Broggini, C. The MUNU experiment 59168
Broggini, C. High pressure Xe+CF_4 TPC in a low radioactivity acrylic structure 67307
Broggini, C. *see* Greife, U. 98550
Brogle, M. *see* Gabathuler, K. 59070
Brogle, M. *see* Michel, E. 88029
Brogonovi, G.M. Low-cost high-resolution computed tomography 58637
Brohaugh, T. A common open avionics architecture 65994
Bromba, M. MEGAVISION: an IC system for TV and multimedia 66034
Brombacher, A.C. *see* Verweij, J.F. 82034
Bromberg, C. *see* Brown, D. 59084
Bromberg, L., Bobrov, E.S. 80-100 T solenoids through bucking 83557
Bromberg, L., Williams, J.E.C., Tekula, M.S. High Tc Bitter magnets 82413
Bromborsky, A. *see* Miller, S.M. 62116
Bromley, K. Electromagnetic compatibility of building cables 73370
Broms, M. *see* Gott, G.F. 94831
Bron, J.Y. *see* Lecuire, V. 85832
Bronchalo, E. *see* del Peral, L. 87992
Bronconi, R. *see* De Lucia, M. 60103
Brondijk, R.A. *see* Blankevoort, J.E. 97694
Bronfeld, J. *see* Apostolov, A.P. 68341
Bronfeld, J.D. *see* Apostolov, A.P. 89162
Brongersma, H.H. *see* Groenen, P.A.C. 55830
Broniatowski, A. Low temperature bolometer detectors in ion beam analysis 59059
Bronner, G. *see* Nesbit, L. 92191
Bronner, W. *see* Bangert, A. 87204
Bronner, W. *see* Schlechtweg, M. 80787
Bronnikov, A.V. Degradation transform in tomography 57685
Bronnikov, V.I. *see* Artemov, A.A. 94698
Bronnikov, V.N. The noise immunity and data-transmission efficiency using pulse-time and phase-shift keying and coding 73570
Bronnikov, V.N., Kryzhanovskii, V.V. Noise immunity and efficiency of transmitting messages with the help of m-level iterative codes 57315
Brons, G.C.S. *see* Hilgenkamp, J.W.M. 66310
Brons, M., Harris, C. Cost effective rural wireless systems 75280
Bronstein, A. *see* Zayezdny, A. 74030
Bronstein, M. Linear ordinary differential equations: breaking through the order 2 barrier 69866
Bronzeado, H. *see* Yacamini, R. 100196
Bronzino, J.D., Ahlgren, D.J., Chia-Lung Chung, Mertens, J.D., Palladino, J.L. Design and teamwork: a must for freshmen 60784
Bronzino, J.D., Gover, J. Medical technology: a solution to the health care cost problem 67430
Brooke, D. *see* Burt, G.M. 59754
Brooke, D. *see* Burt, G.M. 59813
Brooke, M. *see* Lacy, W.S. 50701
Brooke, M.A. *see* Thomsen, A. 70459
Brookeman, J.R. *see* Debiao Li 67530
Brookes, D. *see* Bosse, E. 86572
Brooks, B.O., Utter, G.M., DeBroy, J.A., Davis, W.F., Schimke, R.D. Chemical emissions from electronic products 54426
Brooks, C. *see* Landau, S. 83927
Brooks, D.H. *see* Dumas, O. 74220
Brooks, D.H. *see* Knox, R. 67547
Brooks, D.H. *see* On, H. 67543
Brooks, J., Crow, J.E., Parkin, D.M., Schneider-Muntau, H.J., Sullivan, N.S. National High Magnetic Field Laboratory: facilities and scientific opportunities 56282
Brooks, J. *see* Glenn, S. 49501
Brooks, J.A. *see* Van Scoy, F.L. 85231
Brooks, J.S. *see* Bell, N.A. 71010
Brooks, J.S. *see* O'Rourke, J. 87334
Brooks, J.W., Maier, M.W. Object classification by system identification and feature extraction methods applied to estimation of SEM parameters 75536
Brooks, K.G. *see* Yoshikawa, S. 56115
Brooks, M. *see* Ambrosi, G. 53302
Brooks, M. *see* Battiston, R. 53350
Brooks, M. *see* Fenker, H. 67313
Brooks, M.B., Sigmon, T.W. A comparative study of n^+ ohmic contact resistance for PdInGe and NiGeAu metallizations on GaAs 81571
Brooks, M.L. *see* Adam, A. 88087
Brooks, M.L. *see* Adam, A. 88102
Brooks, M.L. *see* Adriani, O. 88023
Brooks, R. Qualification and implementation of low-residue solder pastes in a six sigma environment 81068
Brooks, R.A., Hall, C.A., Enke, G.M. A comparison of moisture resistance with different types of end-terminations in ceramic capacitors 80915
Brooks, S., Heyliger, P. Static behavior of piezoelectric laminates with distributed and patched actuators 93752
Brooks, S.P., Morgan, B.J.T. Automatic starting point selection for function optimization 79640
Brooks, T. *see* Jachim, S.P. 67230
Brooks, T.L., Westwick, A.L. A low-power differential CMOS bandgap reference 91896
Brooks, W.M. *see* Petropoulos, H. 74420
Brookson, C. GSM security: a description of the reasons for security and the techniques 65624
Broome, D.R. Stereo vision motion compensation 57776
Broome, N.L. *see* Lee, R.B. 75183
Broome, W. *see* Thomas, M.G. 67234
Broomfield, A.M. PFR—20 years' contribution to fast reactor technology 89473
Broquet, J., Claudinon, B., d'Andrimont, E., Benoit, A. GNC and automatic control systems development, validation and verification 59447
Brorson, S.D., Jucheng Zhang, Keiding, S.R. Ultrafast carrier trapping and slow recombination in ion-bombarded silicon on sapphire measured via THz spectroscopy 55659
Brorsson, M., Stenstrom, P. Modelling accesses to migratory and producer-consumer characterised data in a shared memory multiprocessor 96723
Bros, A.D. *see* Baumbaugh, B. 59149
Brose, J., Lindenmeier, H. Evaluation of present-day applied antenna concepts with regard to the field strength in the interior of motor vehicles 57248
Broser, I. *see* Hoffmann, A. 71303
Broser, I. *see* Krause, E. 61376
Brossard, M. *see* Ariztizabal, F. 98518
Brosseau, C., Beroual, A. Optical investigation of high-field conduction and prebreakdown in a dielectric liquid 63089
Brostow, G.J. *see* Syllaios, A.J. 92961
Brothers, C. *see* Walters, D. 60146
Brothers, C.P., Jr., Mehalic, M.A. Rapid and accurate timing simulation of radiation-hardened digital microelectronics using VHDL 80212
Brothers, K. Finding ourselves in a maze of alternatives 90867
Brothers, L., Hollan, J., Nielsen, J., Stornetta, S., Abney, S., Furnas, G., Littman, M. Supporting informal communication via ephemeral interest groups 96563
Brotherton, S.D., McCulloch, D.J., Edwards, M.J. Beam shape effects with excimer laser crystallisation of plasma enhanced and low pressure chemical vapor deposited amorphous silicon 79915
Brotherton, T. *see* Marple, L. 98872
Brott, R.L. *see* Vos, M.J. 50286
Brouard, P., Morawski, R.Z., Barwicz, A. Approximation of spectrogrammes by cubic splines using the Kalman filter 95701
Brough, C.A., Davidson, C.C., Wheeler, J.D. Power electronics in HVDC power transmission 99652
Broughton, R.A. *see* Bell, N.A. 71010
Brouillard, P. The evolution of Teletel: a quiet revolution in service provision 96595
Brouk, V. *see* Mestha, L.K. 76513
Broun, D.S. *see* Kononenko, A.A. 49731
Brousseau, C. *see* Bertel, L. 83675
Brousseau, N. *see* Capolla, N. 57002
Brouwer, P. *see* Blankevoort, J. 66042
Brouwer-Janse, M. *see* van Nes, F.L. 61056
Brovchenko, V.G. Generator of current pulses with polarity inversion for resistance measurements 87433
Browalski, E.S. *see* McLellan, D.R. 78978
Browder, T.E. *see* Alexander, J.P. 59072
Browder, T.E. *see* Alexander, J.P. 70305
Browell, E.V. Airborne lidar measurements of ozone, water vapor, and aerosols in large-scale atmospheric studies 77362
Browell, E.V. *see* Higdon, N.S. 99175
Browell, E.V. *see* Ponsardin, P. 99176
Brower, B.V., Couwenhoven, D., Gandhi, B., Smith, C. ADPCM for advanced LANDSAT downlink applications 96088
Brower, W. *see* Brown, D. 59084
Browman, A. *see* Lynch, M.T. 76295
Browman, M.J. Using the Panofsky-Wenzel theorem in the analysis of radio-frequency deflectors 67068
Brown, A. Getting value from an integrated IS strategy 52081
Brown, A., Silva, R. TIDGET mayday system for motorists 65973
Brown, A., Wolt, B. Digital L-band receiver architecture with direct RF sampling 65950
Brown, A. *see* Holland, E.R. 71652
Brown, A. *see* Lam, F. 80752
Brown, A. *see* Matloubian, M. 61935
Brown, A. *see* van Diggelen, F. 65997
Brown, A.D. *see* Baker, K.R. 91765
Brown, A.D. *see* Nichols, K.G. 70269
Brown, A.E. *see* Day, J.E. 49686
Brown, A.M. *see* McSpadden, J.O. 95035
Brown, A.R., de Leeuw, D.M., Lous, E.J., Havinga, E.E. Organic n-type field-effect transistor 93452
Brown, A.S., Schmitz, A.E., Nguyen, L.D., Henige, J.A., Larson, L.E. The growth of high performance $In_xGa_{1-x}As(0.52<x<0.9)$-$(Al_{0.48}In_{0.52}As)$ high electron mobility transistors by MBE 56022
Brown, A.S. *see* Rosenbaum, S.E. 92615
Brown, B. Connaught Bridge modernised 68471
Brown, B. Troubleshooting PCBs with multiple microprocessors 92675
Brown, B. *see* Cho, Y. 87949
Brown, B. *see* Nizienko, Yu. 83024
Brown, B.C. *see* Harding, D.J. 76676
Brown, B.C. *see* Harfoush, F.A. 66945
Brown, B.H., Barber, D.C., Wei Wang, Liqin Lu, Leathard, A.D., Smallwood, R.H., Hampshire, A.R., Mackay, R., Hatzigalanis, K. Multi-frequency imaging and modelling of respiratory related electrical impedance changes 67551
Brown, B.H. *see* Campbell, J.H. 67585
Brown, B.H. *see* Leathard, A.D. 67576
Brown, B.H. *see* Wang, W. 67584
Brown, B.L., Andrew, T.S., Clarkson, M.S., Makosik, S.K., Parikh, S., Vemuri, S. Heating of a thin tungsten foil for efficient positron moderation in a 4.2 K environment 87663
Brown, B.L., Andrew, T.S., Clarkson, M.S., Sutton, C.S., Encarnacion, P., Denison, A., Makowitz, H., Bundy, K. Verification of focusing from a hemispherically shaped surface 87797
Brown, B.L., Denison, A., Makowitz, H., Gidley, D., Frieze, B., Griffin, H., Encarnacion, P. A proposed intense slow positron source based on ^{58}Co 87935
Brown, C. Project BESTMAN [change management] 48621
Brown, C., Hutton, G. Categories, allegories and circuit design 70378

Brown, C., Wyatt, C., Sauer, M., Cavalier, A. The Sound-to-Speech Translation Utilizing Graphic Symbols 51399
Brown, C.A. *see* Charles, P.D. 64766
Brown, C.E. *see* McNeese, M.D. 90902
Brown, C.M. *see* Rimey, R.D. 57693
Brown, C.P. Ultra fine pitch printing systems 92785
Brown, D., Carey, R., Dye, S., Hazen, E., Higby, D., Miller, J., Sulak, L., Sullivan, J., Worstell, W., Brower, W., Paar, H., Kefford, D., Pisani, R., Segall, K., Wall, D., Winn, D.R., Akchurin, N., Langland, J., Onel, Y., Sandro, J., Bromberg, C., Miller, R., Moore, B., Reidy, J., Bugg, W., Kroeger, R., Wigmans, R., Ayer, F., Elder, C., Cohn, H., Kamyshkov, Y., Placil, F., Rennich, M., Savin, A., Shmakov, K., Smirnov, A., Young, K. Copper-scintillating fiber hadron calorimeter tower prototypes 59084
Brown, D., DeMaster, J., Hite, D., Johnson, B., Parson, K., Overbye, T.J. Method to improve transmission system voltage stability 89096
Brown, D. *see* Helmy, D.-E. 74867
Brown, D. *see* Plum, M. 76458
Brown, D. *see* Rovnyak, S. 89003
Brown, D.A., Rizkalla, M.E. A low cost simultaneous voice and data communications link for local area networks on a 4 wire system 96628
Brown, D.A. *see* Qin Zhang 82544
Brown, D.A. *see* Reid, G.J. 52901
Brown, D.D. *see* Borgesen, P. 71404
Brown, D.D. *see* Korhonen, M.A. 62536
Brown, D.E. *see* Nougues, P.O. 74147
Brown, D.J. *see* Stringfield, R.M. 71045
Brown, D.J.W. *see* Carman, R.J. 82914
Brown, D.J.W. *see* Withford, M.J. 82918
Brown, D.J.W. *see* Withford, M.J. 94329
Brown, D.M., Ghezzo, M., Kretchmer, J., Downey, E., Pimbley, J., Palmour, J. SiC MOS interface characteristics 49826
Brown, D.W. *see* Roberts, G. 61973
Brown, E. *see* Jehlen, J. 99851
Brown, E.F. *see* Cha, K. 59390
Brown, E.R., Eglash, S.J., Turner, G.W., Parker, C.D., Pantano, J.V., Calawa, D.R. Effect of lattice-mismatched growth on InAs/AlSb resonant-tunneling diodes 62659
Brown, E.R., McIntosh, K.A., Smith, F.W., Nichols, K.B., Manfra, M.J., Dennis, C.L., Mattia, J.P. Milliwatt output levels and superquadratic bias dependence in a low-temperature-grown GaAs photomixer 61907
Brown, E.R., Parker, C.D., McMahon, O.B. Effect of surface composition on the radiation pattern from a photonic-crystal planar-dipole antenna 64227
Brown, E.R. *see* Aull, B.F. 56475
Brown, E.R. *see* Peatman, W.C.B. 62892
Brown, E.R. *see* Peatman, W.C.B. 62899
Brown, F.C. *see* Guan-Jye Chen 88299
Brown, G., Forte, P., Malyan, R., Barnwell, P. Object oriented recognition for automatic inspection 69598
Brown, G., Forte, P., Malyan, R., Barnwell, P. A non-linear shape abstraction technique 92676
Brown, G. *see* Pollock, D. 76653
Brown, G. *see* Smith, R.W.M. 66157
Brown, G.C., Pryputniewicz, R.J. Measurement of Young's modulus on thin films under static and dynamic loading conditions 76272
Brown, G.J., Hegde, S.M., Hoff, J., Jelen, C., Slivken, S., Michel, E., Duchemin, O., Bigan, E., Razeghi, M. Intersubband hole absorption in GaAs-GaInP quantum wells grown by gas source molecular beam epitaxy 71179
Brown, G.J. *see* Mitchel, W.C. 81331
Brown, G.M. From tire testing to holometry and beyond 73131
Brown, G.M., Forbes, J.W., Marchi, M.M., Wales, R.R. Comparison of holographic interferometry to other test methods in automotive testing 73154
Brown, G.N. *see* Johnson, D. 51958
Brown, G.S. *see* Kapp, D.A. 73318
Brown, I. *see* Anders, S. 53212
Brown, I. *see* Lehmann, E.D. 53373
Brown, I. *see* Spadtke, P. 53277
Brown, I.D. *see* Gale, A.G. *(editor)* 90711
Brown, I.G. Vacuum arc ion sources 98490
Brown, I.G., Anders, S., Dickinson, M.R., Fojas, P.B., MacGill, R.A. Low energy vacuum arc ion source 53213
Brown, I.G. *see* Anders, S. 53237
Brown, I.G. *see* Komvopoulos, K. 82267
Brown, J. Licensing technology in the EC 54399
Brown, J. Control system pays off in big energy cost savings 79005
Brown, J. Smart photoelectric sensors bring new capabilities to the factory floor 98002
Brown, J. GMR materials: theory and applications 98274
Brown, J. *see* Baji, T. 70655
Brown, J. *see* Gott, G.F. 94831
Brown, J. *see* Khare, R. 93194
Brown, J. *see* Matloubian, M. 61935
Brown, J. *see* Velaga, A. 62344
Brown, J.-A.C., Cartledge, J.C. Interference in fast wavelength switched CPFSK systems with heterodyne detection 86327
Brown, J.A. Network programming with sockets: a comparison of C and APL2 96653
Brown, J.D., Klir, G.J. Range tests made fuzzy: an alternate perspective on the built-in-test of real time embedded systems 52761
Brown, J.J., Matloubian, M., Liu, T.K., Jelloian, L.M., Schmitz, A.E., Wilson, R.G., Lui, M., Larson, L.E., Melendes, M.A., Thompson, M.A. InP-based HEMTs with $AlIn_{1-x}P$ Schottky barrier layers grown by gas-source MBE 55409
Brown, J.J. *see* Kaviani, K. 49990
Brown, J.J. *see* Shealy, J.B. 62906
Brown, J.J., Jr. *see* Shea, L.E. 72582
Brown, J.K., Hasegawa, B.H., Lang, T.F. A hybrid maximum likelihood-least squares reconstruction algorithm for emission computed tomography 59308
Brown, J.L., Pohm, A.V. 1-Mb memory chip using giant magnetoresistive memory cells 80325
Brown, J.M., Boden, E.G., Hoener, C. Microscopy of ULSI devices 82075
Brown, J.M. *see* Nobunaga, K. 52041
Brown, K., Freitag, B., Jopek, S. Inert soldering of discrete components 70993
Brown, K. *see* Changjing Shang 57865
Brown, K. *see* Changjing Shang 64597
Brown, K. *see* Mariam, F.G. 66954
Brown, K. *see* Shang, C. 74511
Brown, K.L. *see* Fuhua Wang 66952
Brown, K.L. *see* Naifeng Mao 66939
Brown, K.M. Fuel economy requirements: implications for the automobile 78946
Brown, K.M., Linfield, E.H., Ritchie, D.A., Jones, G.A.C., Grimshaw, M.P., Churchill, A.C. Fabrication of independent contacts to two closely spaced two-dimensional electron gases using molecular beam epitaxy regrowth and in situ focused ion beam lithography 54887
Brown, K.M. *see* Kurobe, A. 81969
Brown, K.M. *see* Kurobe, A. 92994
Brown, K.M. *see* Patel, N.K. 55629
Brown, K.W., Prata, A., Jr. A design procedure for classical offset dual reflector antennas with circular apertures 73529
Brown, L.F. New extremely broadband ferroelectric polymer ultrasound transducers 59612
Brown, L.F. *see* Roberts, D.H. 66003
Brown, L.L., Scarpino, F.A. The use of a vestigially symmetric prototype for FIR filter designs 55335
Brown, L.M.J. *see* Sephton, A.J. 77448
Brown, M., Moosa, Z., Filer, N. The use of semantic information for control of a complex routing tool 91738
Brown, M. *see* Moosa, Z. 91742
Brown, M.D., Irwin, G.W., Swidenbank, E., Hogg, B.W. Parallel adaptive control for a turbogenerator system 99578
Brown, M.R. Limitations of MRTD-based IR sensor performance models 66454
Brown, M.S. *see* Rahn, L.A. 83275
Brown, M.S. *see* Sammes, N.M. 70177
Brown, M.T. *see* Kansog, J.O.C. 89278
Brown, N., Reiser, M., Kehne, D., Wang, D.X., Wang, J.G. Longitudinal kinetic energy spread from focusing in charged particle beams 66857
Brown, P., Jones, D., Singh, S.K., Rosen, J.M. The exoskeleton glove for control of paralyzed hands 53459
Brown, P. *see* Beech, M. 99038
Brown, P. *see* Boiteux, J.P. 76505
Brown, P.D., Bithell, E.G., Humphreys, C.J., Skevington, P.J., Cannards, P.J., Davies, G.J. The effect of growth interrupts on CBE grown InP 79830
Brown, P.D., Bithell, E.G., Humphreys, C.J., Skevington, P.J., Perrin, S.D., Davies, G.J. The effect of the imaging electron beam on InP/InGaAs MQW structures 81313
Brown, P.F., Chen, S.F., Della Pietra, S.A., Della Pietra, V.J., Kehler, A.S., Mercer, R.L. Automatic speech recognition in machine-aided translation 73780
Brown, P.W. Digital signatures: are they legal for electronic commerce? 83978
Brown, R. Cable struggles to build an OSS 75748
Brown, R., Hong Wang An adaptive multiscan processor for polarimetric radar 65927
Brown, R. *see* Bucci, N.J. 65920
Brown, R. *see* Decker, F.-J. 76614
Brown, R. *see* Tang, X.Z. 74050
Brown, R. *see* Wedekind, M. 76732
Brown, R.A. *see* Weissman, D.E. 67847
Brown, R.B. *see* Chandna, A. 92175
Brown, R.B. *see* Lee, K.S. 97896
Brown, R.C. *see* Chiayu Fu 91678
Brown, R.H. *see* Garside, J.J. 78588
Brown, R.J. Electrical apparatus for use in the presence of combustible dusts—a user's view 53982
Brown, R.J. *see* Toure, A. 59592
Brown, R.L. LTCC provides an integrated approach to multichip module design 48664
Brown, R.L., Polinski, P.W., Shaikh, A.S. Manufacturing of microwave modules using low-temperature cofired ceramics 80864
Brown, R.S. *see* Brocklesby, W.S. 94082
Brown, R.S. *see* Hewak, D.W. 56708
Brown, R.W. *see* Wiley, L.L. 67689
Brown, S. Magnetic compasses showing the way 66273
Brown, S. Dangers of interference. EMC and safety 69498
Brown, S. Smart H-bridge driver for stepper and DC brushed motors 100835
Brown, S., Pinsky, B. Wide dynamic range pulse analysis of fluorescently tagged biological cells 70630
Brown, S. *see* Ackmann, P. 69544
Brown, S. *see* Ackmann, P. 71511
Brown, S.A. *see* Clark, R.G. 83571
Brown, S.A. *see* Macks, L.D. 81797
Brown, S.B., Povirk, G., Connally, J. Measurement of slow crack growth in silicon and nickel mechanical devices 55025
Brown, S.E., Goodwin, G.A., Ostrout, W.H. Determining metal interconnect imaging capability 71424
Brown, S.E. *see* Tu, D.-W. 80779
Brown, S.K., Mead, W.C., Bowling, P.S., Jones, R.D., Barnes, C.W. Optimization and control of a small angle ion source using an adaptive neural network controller 53271
Brown, T., Jr. *see* Mii, Y. 71677
Brown, T.A., Kostick, D.C. "The write stuff": security issues for customer network management of broadband data services 96481
Brown, T.G. *see* Hassenzahl, W.V. 82468
Brown, T.J. *see* Al-Raweshidy, H.S. 86377
Brown, T.Von Salza *see* Von Salza Brown, T.
Brown, W.D., Cable, G.D. The spatial variance of ionospherically-induced phase errors in SAR imagery 65909
Brown, W.D. *see* Haque, M.S. 49820
Brown, W.D. *see* Sreenivas, G. 70139
Brown, W.E. *see* Stover, R.J. 66477
Brown, W.J. *see* Gross, F.B. 73298
Brown, W.L., Lai, F.H., Cheng, C.P., Ip, H.H.S., Law, K.C.H., Mong, F.Y. Application of multimedia in providing operational information on transmission system 59809
Brown, W.L., Szeto, A.Y.J. Verifying SPICE results with hand calculations: handling common discrepancies 90833
Brown, W.W. *see* Bussmann, M. 52564
Brown, Y.K. *see* Hafizi, M. 62695
Brown-Goebeler, K.F. *see* Jahns, J. 63612
Brown-Goebeler, K.F. *see* Verdiell, J.-M. 86362
Brown-Kenyon, P. Spectrally efficient techniques for MSS systems operating between 1525-1530/1626.5-1660.5 MHz 52453
Browne, J. *see* Stocker, D. 60982
Browne, J.A., Holmes, T.J. Developments with maximum-likelihood x-ray computed tomography: initial testing with real data 59339
Browne, J.C. *see* Yasrebi, M. 95700
Browne, M. *see* Alley, R. 72713
Browne, M. *see* Frisch, J. 72750
Browne, M. *see* Nowatzyk, A. 50090
Browne, P.J. A comparison of algorithms to filter noisy observations of a linear differential system driven by Brownian motion and a simple Markov switching process 95370
Browne, P.J. *see* Binding, P.A. 48862
Browne, S. *see* Homnick, M. 60928
Brownel, G.L. *see* Burnham, C.A. 53415
Brownell, G. *see* Shire, D. 54482
Brownfield, G. *see* Essah, D. 69239
Browning, D. *see* Yamasaki, R.G. 93887
Browning, D.W. Flow control in high-speed communication networks 74675
Browning, J., Chung Chan, Ye, J., MacGregor, R., Ruden, T.E. Measurement of end-hat effects in a crossed-field amplifier 62112
Browning, J. *see* Meassick, S. 62077
Browning, R. *see* Ingino, J. 71440
Brownlow, P., Reynolds, J. Copyright protection for printed circuit board designs—diagrams as literary works 79207
Brownlow, P., Reynolds, J. Better legal protection for printed circuit board designs 80966
Brox, M., Schwerin, A., Wang, Q., Weber, W. A model for the time- and bias-dependence of p-MOSFET degradation 71656
Brox, M., Weber, W. Hole kinetics in metal-oxide-semiconductor oxides investigated by a hot-carrier degradation experiment 50016
Brox, M. *see* Thewes, R. 62818
Broydo, S. *see* Belgal, H. 62990
Brozek, T., Didenko, P.I., Kiblik, V.Y., Logush, O.I., Litovchenko, V.G., Romanova, G.F. Radiation properties of silicon metal-oxide-semiconductor structures with zinc-doped oxides 93068
Brozek, T., Szmidt, J., Jakubowski, A., Olszyna, A. Electrical behaviour and breakdown in plasma deposited cubic BN layers 71841
Brozel, M.R., Tuzemen, S. Reverse-contrast imaging of GaAs (a review) 81244
Brozel, M.R. *see* Berwick, K. 88151
Brozovich, R.S. *see* Ren, F. 93351
Brozovich, R.S. *see* Yang, L.W. 55930
Brozovich, R.S. *see* Yang, L.W. 62715
Brtis, J.S., Cleff, W.C. DECA for Windows—a third generation product for the computerization of procedures 68143
Bru, B. *see* Joubert, A. 76318

Brualdi, R.A., Chavey, K.L., Shader, B.L. Bipartite graphs and inverse sign patterns of strong sign-nonsingular matrices 79602
Bruaset, A.M., Tveito, A. A numerical study of optimized sparse preconditioners 79679
Brubaker, R.M., Wang, Q.N., Nolte, D.D., Harmon, E.S., Melloch, M.R. Steady-state four-wave mixing in photorefractive quantum wells with femtosecond pulses 73073
Bruce, A., Lee, R. A framework for the specification of SCADA data links 59792
Bruce, A. *see* Gavrilovic, P. 83010
Bruce, A.A. *see* Risley, W.C. 99229
Bruce, A.G., Donoho, D.L., Gao, H.-Y., Martin, R.D. Denoising and robust non-linear wavelet analysis 57588
Bruce, A.G., Lee, R. A framework for the specification of SCADA data links 53624
Bruce, C. *see* Jorquera, C. 66428
Bruce, D.M. *see* Daly, M.G. 72365
Bruce, D.M. *see* Hong Koo Kim 70098
Bruce, D.S., Freeberg, N.E., Rock, D.A. An explanatory model for influences of air traffic control task parameters on controller work pressure 99124
Bruce, D.W. *see* Richardson, T. 71837
Bruce, H. The Internet as new information infrastructure 65264
Bruce, H. Internet services and academic work: an Australian perspective 96736
Bruce, P.G. *see* Huang, H. 78786
Bruce, P.G. *see* Los, P. 87435
Bruce, R. *see* Ivey, D.G. 55657
Bruce, R. *see* Ping Jian 93262
Bruce, R. *see* Tarof, L.E. 72602
Bruce, R. *see* Yu, J. 56546
Bruce, R. *see* Yu, J. 72603
Bruce, S., Rydberg, A., Seibt, W., Willander, M. Single and multi-section CTL and branch-line CPW directional couplers with broadband performances for SIMMWIC 55417
Bruchhaus, R. Thin films for ferroelectric devices 63076
Bruchhaus, R., Huber, H., Pitzer, D., Wersing, W. Sputtered PZT films for ferroelectric devices 79911
Bruchle, W. *see* Apel, P. 53339
Bruck, J., de Coster, L., Dewulf, N., Ching-Tien Ho, Lauwereins, R. On the design and implementation of broadcast and global combine operations using the postal model 97589
Bruck, J. *see* Blaum, M. 73733
Bruck, R. Migration: a model for design by modification 48653
Bruck, R. DINGO-XT: a technology description language for analog and digital IC layout 80059
Bruck, R., Muller, J. Summability of Hadamard products of Taylor sections with polynomial interpolants 69817
Bruckbauer, T. *see* Sossi, V. 98823
Brucker, G.J., Kronenberg, S., Jordan, T. Tactical army dosimeter based on P-MOS single and dual gate insulators 77768
Brucker, G.J. *see* Stassinopoulos, E.G. 71645
Bruckmann, D. *see* Althammer, S. 86194
Bruckmann, F. Recent examples of applications for indirect resistance heating 69257
Bruckmayr, E. *see* Becker, S. 100913
Bruckner, F.-U., Schwerdtfeger, K. Single crystal growth with the Czochralski method involving rotational electromagnetic stirring of the melt 48904
Bruckner, H.J., Mersali, B., Sainson, S., Feuillade, M., Ougazzaden, A., Krauz, P., Carenco, A. Taper-waveguide integration for polarisation insensitive InP/InGaAsP based optical amplifiers 72905
Bruckner, T. *see* Groscurth, H.-M. 60041
Bruckner, W., Dropmann, F., Godbersen, M., Konorov, I., Konigsmann, K., Newsom, C., Paul, S., Povh, B., Russ, J., Timm, S., Vorwalter, K., Werding, R. Silicon μ-strip detectors with SVX chip readout 88025
Bruckstein, A.M., Holt, R.J., Netravali, A.N. How to catch a crook [image motion recovery] 84850
Bruckstein, A.M. *see* Sapiro, G. 84873
Brucoli, M., Carnimeo, L., Trovato, M. Decoupling and stabilization of large scale power systems by a geometric graph-theoretic method 89085
Brucq, D.de *see* de Brucq, D.
Bruder, H. *see* Sekihara, K. 53377
Bruder, S., Johnson, R., Farooq, M. A multi-sensor tracking and identification algorithm using the square-root information filter 75599
Bruderie, E. *see* Schrempp, W. 59477
Brueck, S.R.J. *see* Mukherjee, N. 50919
Brueck, S.R.J. *see* Sharma, A.K. 58773
Brueck, S.R.J. *see* Zaidi, S.H. 71523
Brueck, S.R.J. *see* Zaidi, S.H. 81705
Brueckner, F.P. *see* Young, J.L. 64158
Bruegge, C.J., Rainen, R.A., Lewis, D.F., Hsieh, C., Petroy, S., Chommeloux, B., Bezy, J.-L. Studies on thermal-control paints for use as diffuse targets in the calibration of flight sensors 63539
Bruemmer, H.P. *see* Neumeier, K. 71777
Brueske, D.E., Embabi, S.H.K. A dynamic clock synchronization technique for large systems 80205
Brueske, D.E. *see* Embabi, S.H.K. 61650
Brug, J.A. *see* Anthony, T.C. 72131
Brugel, H., Driessen, P.F. Variable bandwidth DPLL bit synchronizer with rapid acquisition implemented as a finite state machine 96126
Brugel, H. *see* Kirlin, R.L. 74091
Bruggemann, G., Stampfer, C. A new concept for modular medium voltage switchgear plant 60384
Brugger, H. *see* Ostermeir, R. 62827
Brugger, H. *see* Stenzel, R. 55854
Brugger, J., Blanc, N., Renaud, P., de Rooij, N.F. Microlever with combined integrated sensor/actuator functions for scanning force microscopy 66284
Brugger, J. *see* Indermuehle, P.-F. 68925
Brugger, J. *see* Jaecklin, V.P. 63532
Brugger, R. Single-frequency networks at 1.5 GHz for digital audio broadcasting 52673
Brugnara, F. *see* Antoniol, G. 73913
Bruguier, G., Pelanchon, F., Sudre, C., Moreau, Y., De la Rochette, H., Baggio, J., Gasiot, J., Azais, B. A new method for determining the transient photocurrent in an irradiated diode 71571
Bruhl, K. *see* Farkas, P. 73735
Bruhs, H.-D., Singer, H., Mader, T., Demmel, F. A numerical calculation method for the determination of electromagnetic fields 57206
Bruhwiler, D.L., Reusch, M.F. Effect of space charge forces on particle tracking and generation of high order maps 87815
Bruhwiler, D.L. *see* Reusch, M.F. 66856
Brui, E.B., Galashkina, I.A. Peculiarities of the photo-chemical processing of the relief-phase holograms, registered in the thin layer of AgHa emulsion 73140
Bruijn, D.de *see* de Bruijn, D.
Bruijn, M.P. *see* le Grand, J.B. 67410
Bruin, N.C.De *see* De Bruin, N.C.
Brujic, D., Ristic, M. Integration of non-contact inspection with modelling of engineering components 54550
Brukiewa, T.F. Active array radar systems applied to air traffic control 77199
Brukiewa, T.F. Active array radar systems applied to air traffic control 86596
Brule, M. *see* Labonte, D. 97737
Bruls, E., Baker, K. Push test back to the process 90911
Bruls, N. *see* Ramacher, U. 49600
Bruls, W.H.A. *see* Blankevoort, J.E. 97694
Brumleve, K.J. *see* Ishida, T. 52816
Brummer, B. *see* Alpers, W. 77350
Brumwell, F. *see* Cho, Y. 87949
Brun, A. *see* Balembois, F. 56654
Brun, A. *see* Becker, M.F. 82519
Brun, A. *see* Boucher, Y. 83038
Brun, A. *see* Brunel, M. 63965
Brun, A. *see* Larrue, D. 72711
Brun, A. *see* Watson, J. 56852
Brun, C. *see* Waeckerle, T. 63142
Brun, E. *see* Bigo, S. 65784
Brun, E. *see* Langanay, J. 83130
Brun, G. *see* Gardes, B. 54894
Brun, R. *see* Barnett, I. 76827
Brun, T. *see* Townsend, D.W. 98819
Brundell, J.B. *see* Dowden, R.L. 64145
Brune, C., Spe, R., Wallace, A.K. Experimental evaluation of a variable-speed, doubly-fed wind-power generation system 68502
Brune, C.S., Spee, R., Wallace, A.K. Experimental evaluation of a variable-speed, doubly-fed wind-power generation system 68508
Bruneau, A.-M. *see* Bruneau, M. 77739
Bruneau, A.M. *see* Le Gall, Y. 77552
Bruneau, D., Arnaud des Lions, T., Quaglia, P., Pelon, J. Injection-seeded pulsed alexandrite laser for differential absorption lidar application 75648
Bruneau, E. The road information users service 58285
Bruneau, J. *see* Jacquemot, S. 50742
Bruneau, J.-M., Mathieu, P. Image restoration using biorthogonal wavelet transforms 74462
Bruneau, M., Bruneau, A.-M., Skvor, Z., Lotton, P. An equivalent network modelling the strong coupling between a vibrating membrane and a fluid film 77739
Bruneel, C. *see* Assaad, J. 93792
Bruneel, C. *see* Bazzi, O. 75689
Bruneel, C. *see* Bazzi, O. 94215
Bruneel, C. *see* Bazzi, O. 94219
Bruneel, H. Calculation of message delays and message waiting times in switching elements with slow access lines 51752
Bruneel, H., Steyaert, B., Desmet, E., Petit, G.H. Analytic derivation of tail probabilities for queue lengths and waiting times in ATM multiserver queues 74645
Bruneel, H., Tison, C. Enhanced stop-and-wait ARQ protocols with and without memory 96216
Bruneel, H., Wuyts, I. Analysis of discrete-time multiserver queueing models with constant service times 96194
Bruneel, H. *see* Steyaert, B. 48752
Bruneel, H. *see* Wittevrongel, S. 85240
Bruneel, H. *see* Yijun Xiong 96136
Bruneel, H.L. *see* Wittevrongel, S.S.M. 57945
Bruneel, P. 'No-clean, no residue' technology 92724
Brunel, J.Y., Auge, I., Hervieu, M., Bourquin, P., Renaud, P. Quantitative design of a scalable microsystem using ALMA: the example of the dictionary machine 70228
Brunel, M., Le Luyer, F., Canva, M., Brun, A., Chaput, F., Malier, L., Boilot, J.-P. Reverse-saturable absorption in aluminophthalocyanine-doped xerogels 63965
Brunel, M. *see* Debbagh, F. 71204
Brunel, M. *see* Roshchupkin, D.V. 71852
Brunelle, P. *see* Level, M.P. 66833
Brunello, M. *see* Bacha, S. 78697
Brunet, C.J. Hybridizing the local loop 74787
Brunet, J.M. *see* von Apeldoorn, G. 88116
Brunet, M. *see* Bourrieau, J. 71881
Brunet, Y. *see* Tixador, P. 53841
Brunetti, L. *see* Andreone, D. 58775
Brunetti, L. *see* Ferrero, A. 86865
Brunetti, M.T., Codino, A., Federico, C., Giacomucci, A., Grimani, C., Menichelli, M., Minelli, G., Miozza, M., Salvatori, I., De Bortoli, L. Readout architecture of a highly segmented silicon calorimeter operating in space 87957
Brunetti, R. *see* Abramo, A. 81195
Brunfeldt, K. *see* Sommer-Larsen, P. 55496
Brungart, D.S. Distance simulation in virtual audio displays 57424
Brunger, W. *see* Hans, L. 81722
Brunger, W. *see* Loschner, H. 62601
Bruni, S. Halogen lamps: innovations and prospects 90628
Bruning, C., Hasselmann, S. Global statistics of integrated ocean wave parameters extracted from ERS-1 SAR wave mode image spectra 67875
Bruning, C., Schmidt, R., Alpers, W. Estimation of the ocean wave-radar modulation transfer function from synthetic aperture radar imagery 67843
Bruning, C., Schmidt, R., Alpers, W. Ocean wave-radar modulation transfer function inferred from synthetic aperture radar imagery 77479
Bruning, C. *see* Etkin, V. 77450
Bruning, C. *see* Schmidt, R. 99243
Bruniquel, J. *see* Piau, P. 77625
Brunnen, D.J., Wyllie, E. Electronic trading: BT's commitment to changing the way we all do business 65254
Brunner, B. *see* Marosi, L. 92577
Brunner, B. *see* Schonberger, R. 82796
Brunner, H. Iterated collocation methods for Volterra integral equations with delay arguments 48880
Brunner, M., Schmid, R. Electron-beam MCM substrate tester 54483
Brunner, M., Schmid, R., Schmitt, R., Sturm, M., Gessner, O. Electron-beam MCM testing and probing 54485
Brunner, M. *see* Preisler, E. 63267
Brunner, S., Ruck, D.M., Frank, W.F.X., Linke, F., Schosser, A., Behringer, U. Waveguiding structures in polymers by ion implantation 56374
Brunner, S. *see* Frank, W.F.X. 56408
Brunner, T.A., Martin, A.L., Martino, R.M., Ausschnitt, C.P., Newman, T.H., Hibbs, M.S. Quantitative stepper metrology using the focus monitor test mask 71502
Brunnschweiler, A. *see* Routley, P. 63039
Bruno, A. *see* Ghirardi, F. 86321
Bruno, B., Bennett, N., Bowyer, K., Goldgof, D., Stark, L. Modeling of articulated objects for machine perception 74475
Bruno, G., Capezzuto, P., Gicala, G., Manodoro, P. Study of the NF_3 plasma cleaning of reactors for amorphous silicon deposition 55777
Bruno, G., Insulander, J., Larsson, U., Lucidi, F. A service-driven vision of integrated broadband communications: The OSA approach 96452
Bruno, G., Losurdo, M., Cicala, G., Capezzuto, P. In situ mass spectrometric diagnostics during InP deposition in a remote plasma-enhanced MOCVD system 54902
Bruno, L., Pijolat, C., Lalauze, R. Tin dioxide thin-film gas sensor prepared by chemical vapour deposition. Influence of grain size and thickness on the electrical properties 58878
Bruno, O., Mariotti, G. Regulation of the fictitious anisotropy in the three-phase round rotor synchronous machine 89899
Bruno, O., Mariotti, G. Systems for regulation the fictitious anisotropy in the three-phase round rotor synchronous machine 89900
Bruno, O.P., Reitich, F. Approximation of analytic functions: a method of enhanced convergence 69802
Bruno, O.P., Reitich, F. A new approach to the solution of problems of scattering by bounded obstacles 94781
Bruno, T.J. *see* Hansen, B.N. 66721
Bruno, W.M., Bridges, W.B. Powder core dielectric channel waveguide 70823
Brunotte, X. *see* Belhoucine, B. 83579
Brunotte, X. *see* Guerin, C. 83478

Bruns, G.A. *see* Van Laar, J.A. 78465
Bruns, J., Seifert, W., Wawer, P., Winnicke, H., Braunig, D., Wagemann, H.G. Improved efficiency of crystalline silicon solar cells due to He^+ implantation 60458
Bruns, W. Beam coupling impedances of axial symmetric structures 87824
Bruns, W., Henke, H., Littmann, B., Lorenz, R. Window design with MAFIA 67226
Bruns, W. *see* Henke, H. 67099
Brunson, G.S. *see* Arnone, G.J. 59197
Brunson, K.M. *see* Uren, M.J. 71246
Brunson, K.M. *see* Ward, M.C.L. 81913
Brunstrom, A. Is the world ready for the go-anywhere telephone? 96526
Brunsvold, W., Conley, W., Gelorme, J., Nunes, R., Sooriyakumaran, R., Holmes, S., Sturtevant, J. Further improvements in CGR formulation and process 81641
Brunt, R.J.Van *see* Van Brunt, R.J.
Brunthaler, G. *see* Ferreira, S.O. 61301
Brunthaler, G. *see* Lang, M. 61293
Brunthaler, G. *see* Stoger, G. 55591
Brunvand, E. *see* Gopalakrishnan, G. 92076
Brunvand, E. *see* Kudva, P. 92031
Brunvand, E.L. *see* Gopalakrishnan, G.C. 92050
Brusa, E. *see* Bona, B. 93811
Brusaglino, G., Tenconi, A. System engineering with new technology for electrically propelled vehicles 54192
Bruschi, C. *see* Cocito, G. 56721
Bruschi, C. *see* Cocito, G. 82537
Bruschi, C. *see* Cognolato, L. 82983
Bruschi, P., Cacialli, F., Nannini, A., Neri, B. Gas and vapour effects on the resistance fluctuation spectra of conducting polymer thin-film resistors 66533
Brush, G. *see* Oster, R. 58088
Brusmark, B. *see* Strifors, H.C. 58476
Brussaard, G. *see* van de Kamp, M.M.J.L. 57118
Brussel, H.Van *see* Van Brussel, H.
Bruton, L.T., Bartley, N.R. Simulation of fractal multidimensional images using multidimensional recursive filters 51624
Bruton, L.T. *see* Bo Liu 92413
Bruton, L.T. *see* Lazar, M.S. 74494
Bruton, L.T. *see* Yuejin Zhang 80471
Bruton, T.M., Heasman, K.C., Nagle, J.P., Russell, R.R. The achievement of 20% efficiency in a CZ silicon solar cell under concentration 100729
Brutsch, E. *see* Kreutz, R. 76649
Brutzman, D.P. *see* Macedonia, M.R. 52068
Bruun, E. A dual current feedback op amp in CMOS technology 49190
Bruun, M., Gliese, U., Nielsen, T.N., Petersen, A.K., Stubkjaer, K.E. A 2 to 10 GHz GaAs MMIC optoelectronic phase detector for optical microwave signal generators 70922
Bruun, M., Gliese, U., Petersen, A.K., Nielsen, T.N., Stubkjaer, K.E. A 2-10 GHz GaAs MMIC opto-electronic phase detector for optical microwave signal generators 92612
Bruyakina, Z.V. *see* Chaplygin, E.E. 91892
Bruyakina, Z.V. *see* Chaplygin, Y.Y. 78707
Bruybre, F., Audouin, O. Assessment of system penalties induced by polarization mode dispersion in a 5 Gb/s optically amplified transoceanic link 52572
Bruyere, F., Audouin, O. Penalties in long-haul optical amplifier systems due to polarization dependent loss and gain 58420
Bruyere, F., Audouin, O., Letellier, V., Bassier, G., Marmier, P. Demonstration of an optimal polarization scrambler for long-haul optical amplifier systems 86482
Bruyere, V., De Felice, C., Guaiana, G. Coding with traces 79631
Bruyevich, A.N. Computer-aided design of piecewise-linear generator circuits 55102
Bruyn Ouboter, R.de *see* de Bruyn Ouboter, R.
Bruyndonckx, P. *see* Zhang Shuping 88091
Bruynseraede, Y. *see* Gilabert, A. 56271
Bruzek, C.E. *see* Hoang Gia Ky 82461
Bruzzi, M. *see* Biggeri, U. 88056
Bruzzi, M. *see* Biggeri, U. 98598
Bruzzone, P., ten Kate, H.H.J., Walters, C.R., Spadoni, M. Testing of industrial Nb_3Sn strands for high field fusion magnets 82460
Bruzzone, P. *see* Blau, B. 82440
Bryan, G. *see* Perkes, G. 74262
Bryan Kok Ann Ngoi, Yew Chuan Kuan Tolerance analysis and synthesis across assemblies: state-of-the-art review 54433
Bryant, A. *see* Mii, T. 62813
Bryant, A.L. *see* Albin, S. 58802
Bryant, C.F., Deeley, E., Emson, C.R.I., Simkin, J., Trowbridge, C.W., Zhou, X. Solving open boundary problems using finite elements 83708
Bryant, D.E., Rodger, C.A. The Doyen-Wilson theorem extended to 5-cycles 91285
Bryant, E.B., Kingsley, S.P., Anderson, C.W. Over-the-horizon tracking of marine mammals 97002
Bryant, G.F. New developments in supply chain and factorywide management control 52139
Bryant, G.H. *see* Pan, Q.W. 94817
Bryant, G.W. *see* Henrickson, L.E. 81289
Bryant, G.W. *see* Klimeck, G. 93018
Bryant, H. *see* Donahue, J. 66950
Bryant, H.C. *see* MacKerrow, E.P. 98462
Bryant, H.C. *see* Swenson, D.R. 98475
Bryant, J., Callahan, M. The new EBS: what it means for cable operators 66054
Bryant, J.H. *see* Chen-To Tai 83419
Bryant, J.M., Grant, D. Bandpass sigma-delta ADCs for direct IF conversion 58562
Bryant, M. Glass fabrics production—an overview 81054
Bryant, M.D. Resistance buildup in electrical connectors due to fretting corrosion of rough surfaces 61996
Bryant, M.D., Ning Wang Audio range dynamic models and controllability of linear motion Terfenol actuators 63261
Bryant, M.D. *see* Chin-Tu Lu 60163
Bryant, M.D. *see* Chin-Tu Lu 68515
Bryant, R.A. *see* Davis, J.T. 60650
Bryant, R.B. *see* Uphaus, J.A., Jr. 88669
Bryant, R.E., Seger, C.-J.H. Digital circuit verification using partially-ordered state models 55223
Bryant, R.E. *see* Beatty, D.L. 91713
Bryant, S. *see* Robinson, I.A. 86947
Bryant, S. *see* Robinson, I.A. 87407
Bryantsev, A.M. *see* Biki, M.A. 90087
Bryantsev, V.F. *see* Bakhmet'yeva, N.V. 83654
Bryce, A.C. *see* Lullo, G. 82723
Bryce, A.C. *see* Marsh, J.H. 93008
Bryce, A.C. *see* Ooi, B.S. 71288
Bryce, C., Raudaskoski, V. Radio infrastructure for the mass market 86145
Bryce, M.R. *see* Pearson, C. 62867
Bryce, M.R. *see* Williams, G. 63588
Bryden, W.A., Ecelberger, S.A., Kistenmacher, T.J. Heteroepitaxial growth of InN on AlN-nucleated (00.1) sapphire by ultrahigh vacuum electron cyclotron resonance-assisted reactive magnetron sputtering 54878
Bryden, W.A., Ecelberger, S.A., Kistenmacher, T.J. He/N_2 reactive gas composition and the structural and electrical properties of InN thin films grown on AlN-nucleated (00.1) sapphire by planar magnetron sputtering 70075
Bryden, W.A. *see* Wickenden, D.K. 61280
Bryenton, A., Shew, S. A powerful architecture for enterprise networking 65502
Bryg, W. *see* Rashid, E. 92286
Bryja, L. *see* Misiewicz, J. 72285
Brykalski, A. A contribution to the investigation of the screening behaviour in open field regions 73390
Brykov, S.I., Banyuk, G.F., Erpyleva, S.F., Kruglov, N.S. A trial procedure for the chemical cleaning of a PGV-1000 steam generator during reactor cooldown 89478
Bryksin, V.M. *see* Samoilovich, Yu.A. 60637
Bryksin, V.V., Petrov, M.P., Kiyan, R.V. Generation of vector solitons in a fibre-optic laser 72734
Brylinski, C., Calligaro, M., Campoli, B., Dorel, M., Dua, C., d'Hayer, F., Lacombe, J. Microwave components and subassemblies for millimeter wave applications 70893
Brylinski, C. *see* Blanck, H. 80768
Brylinski, C. *see* Blanck, H. 80818
Brylinski, C. *see* di Forte-Poisson, M.A. 70896
Brynda, E. *see* Chyla, A. 58903
Bryne, C.L. *see* Glick, S.J. 59325
Bryngdahl, O. *see* Jendral, A. 64006
Bryngdahl, O. *see* Wentzel, S. 83385
Bryskiewicz, B. *see* McCaffrey, J.P. 54817
Bryskiewicz, T. *see* McCaffrey, J.P. 54817
Bryson, C.E., III. The problem of the 'easy' vacuum specification 93106
Brytkov, V.V. *see* Zienko, S.I. 60297
Bryukhanov, Yu.A. A method of controlling the duration of transients in electric filters 57461
Bryzek, J., Peterson, K., McCulley, W. Micromachines on the march 75902
Bryzgalov, S.V. *see* Kozlov, A.A. 98642
Brzakovic, D., Beck, H., Shanmugam, P. Defect characterization and classification for web materials 70203
Brzakovic, D., Neskovic, M. Mammogram screening using multiresolution-based image segmentation 59277
Brzakovic, D., Sari-Sarraf, H., Neskovic, M. Model-based flaw detection and classification in web materials 70180
Brzakovic, D. *see* Hong, L. 74589
Brzezinski, J. *see* Blazewicz, J. 85255
Brzobohaty, J. *see* Pospisil, J. 80077
Brzobohay, J. *see* Pospisil, J. 91856
Brzozka, Z., Holterman, H.A.J., Honig, G.W.N., Verkerk, U.H., van den Vlekkert, H.H., Engbersen, J.F.J., Reinhoudt, D.N. Enhanced performance of potassium CHEMFETs by optimization of a polysiloxane membrane 58665
Brzozowski, J.A. *see* Seger, C.-J. 55213
Brzozowy, D.J. *see* Schlicht, K. 81664
Bu, H. *see* Wang, Y. 91444
Bu, Y., Lin, M.C. Nitridation of GaAs single crystal surfaces using hydrazoic acid and 308 nm photon beams 81555
Bu Juanyu *see* Juanyu Bu
Bu Junyu *see* Junyu Bu
Bu Sunfu *see* Zhang Qinghai 67203
Bu Sung Lee *see* Lee Bu Sung
Bu Zhengliang, Tu Guangyu, Chen Deshu The suitable choice of the parameters of the digital PID controller in the HVDC system required by the stability 68117
Bu Zhengliang *see* Zhengliang Bu
Bu-Sung Lee *see* Cheah, R.S.-S. 74975
Buah, P.A., Rahman, B.M.A., Grattan, K.T.V. Study of transverse effects in optical bistable ring resonators using the finite element method 63940
Buah, P.A. *see* Rahman, B.M.A. 87234
Buaud, P.P. *see* Hu, Y.Z. 93209
Bubb, I.F. *see* Johnston, P.N. 48992
Bubb, I.F. *see* Studd, W.B. 48929
Bubenko, J.A. *see* Skugge, G. 53716
Bubenko, J.A. *see* Skugge, G. 77841
Bubennikov, A.N., Kargashin, A.E. Numerical modeling of polysilicon thin-layer n-p-n and p-n-p transistor structures with identical doping profiles and topologies 55903
Bubenzer, A., Lechner, P., Schade, H., Rubel, H. Process technology for mass production of large-area a-Si solar modules 100586
Bubis, E.I., Kulagin, V., Pasmanik, G.A., Shilov, A.A. Possibilities for correcting aberrations of imaging laser systems by phase conjugation 83293
Bublin, S.C. *see* Reibling, L.A. 59500
Bublitz, C. *see* Ioannidis, G. 67957
Bubnov, M.M. *see* Abramov, A.A. 56335
Bubnov, M.M. *see* Semjonov, S.L. 94096
Bubnov, V.P., Bugaenko, V.L., Grishkin, V.L., Koroza, G.A., Nichipor, G.V. A radiolysis model for flue gases at thermal power plants 53930
Bubukina, V.N. *see* Bakhmet'yeva, N.V. 83654
Buc, D. *see* Hotovy, I. 79933
Bucaro, J.A. *see* Photiadis, D.M. 93772
Buccheri, P. *see* Ala, G. 51145
Bucchignano, J. *see* Mii, Y. 71804
Bucchignano, J. *see* Taur, Y. 93612
Bucci, G., Del Bimbo, A., Santini, S. Performance analysis of two different algorithms for Ethernet-FDDI interconnection 58150
Bucci, G., Germano, A., Landi, C. Real-time transputer-based measurement apparatus: performance testing 75856
Bucci, G., Germano, A., Landi, C. Virtual instrument based on real-time measurement apparatus 97790
Bucci, G., Germano, A., Landi, C., Rotondale, N. Indirect measurements for the on-line characterization of linear induction motors 100169
Bucci, G., Germano, A., Tofoni, T. A parallel implementation of the Kalman filter with application to measurements on electrical drives 87005
Bucci, G., Landi, C., Nuccio, S., Galluzzo, G.R. The on-field application of a measurement test set for the characterization of electrical drives for linear motion 100851
Bucci, N.J., Nespor, J.D., Urkowitz, H., Mokry, D., Brown, R., Baldygo, W. An experiment with an S-Band radar using pulse compression and range sidelobe suppression for meteorological measurements 65920
Bucci, N.J. *see* Ashe, J.M. 65886
Bucci, O.M., D'Elia, G., Mazzarella, G., Panariello, G. Antenna pattern synthesis: a new general approach 51214
Bucci, O.M., Gennarelli, C., Riccio, G., Savarese, C. Electromagnetic fields interpolation from nonuniform samples over spherical and cylindrical surfaces 51202
Bucci, O.M. *see* Croswell, W.F. 94771
Bucci, R.M. *see* Natarajan, R. 69142
Bucci, R.M. *see* Natarajan, R. 89217
Bucci, R.M. *see* Natarajan, R. 90655
Bucciarelli, T., Fedele, G., Parisi, R. Neural networks based signal detection 57519
Bucelot, T. *see* Shahidi, G.G. 71790
Bucelot, T. *see* Shahidi, G.G. 71797
Buchal, C. *see* Fleuster, M. 72644
Buchal, C. *see* Fluck, D. 73071
Buchal, C. *see* Pliska, T. 50570
Buchali, F. *see* Heedt, C. 93492
Buchan, N. *see* Chien, F.R. 79803
Buchan, P.G. *see* Chisholm, W.A. 78177
Buchanan, B. *see* Lacy, W.S. 50701
Buchanan, D. *see* Sweeney, J. 84265
Buchanan, D. *see* Taur, Y. 62851
Buchanan, D.A. On the generation of interface states from electron-hole recombination in metal-oxide-semiconductor capacitors 81368
Buchanan, D.A., Marwick, A.D., DiMaria, D.J., Dori, L. Hot-electron-induced hydrogen redistribution and defect generation in metal-oxide-semiconductor capacitors 93062
Buchanan, E. *see* Jackson, G. 87876
Buchanan, J. *see* Fournier, A. 79661
Buchanan, J. *see* Orvek, K. 71488
Buchanan, M. *see* Dubowski, J.J. 76047
Buchanan, M. *see* Dupont, E. 87196
Buchanan, M. *see* Frlan, E. 97955
Buchanan, M. *see* Krishnamurthi, K. 80698
Buchanan, M. *see* Liu, H.C. 94262
Buchanan, M. *see* Piva, P.G. 71178
Buchanan, M. *see* Steele, A.G. 75977
Buchanan, M. *see* Wasilewski, Z.R. 55561
Buchanan, M. *see* Xing, B. 87180

Buchanan, R.C. *see* Roseman, R.D. 56103
Buchanan, W. Using MICRO-CAP IV to teach electronics engineering technology students passive filter analysis 79164
Buchanan, W. *see* Hegedus, S. 100693
Buchanan, W.J., Gupta, N.K. Simulation of electromagnetic pulse propagation in three-dimensional finite-difference time-domain (FDTD) method using parallel processing techniques 57261
Buchanan, W.J., Gupta, N.K. Parallel processing techniques in EMP propagation using 3D finite-difference time-domain (FDTD) method 83823
Buchanan, W.J. *see* Gupta, N.K. 54357
Buchberger, M., Jorg, K.-W., von Puttkamer, E. Laserradar and sonar based world modeling and motion control for fast obstacle avoidance of the autonomous mobile robot MOBOT-IV 52650
Buchel, M. *see* Sekkat, Z. 82747
Bucher, E. *see* Jager-Waldau, A. 90392
Bucher, E. *see* Jager-Waldau, A. 100661
Bucher, E. *see* Jager-Waldau, G. 49760
Bucher, E. *see* Jager-Waldau, G. 81521
Bucher, E. *see* Jager-Waldua, G. 55544
Bucher, E. *see* Kirchner, R. 90460
Bucher, E. *see* Schon, J.H. 90458
Bucher, H. *see* Rebhan, U. 71528
Bucher, K. Do we need site-dependent and climate-dependent module rating? 100704
Bucher, K., Stiening, R., Heidler, K., Emery, K., Field, H., King, D., Hansen, B. Intercomparison of two primary reference cell calibration methods 100717
Buchler, K. *see* Kleiss, G. 100539
Bucher, K. *see* Stryi-Hipp, G. 100475
Bucher, S. *see* Hermes, T. 98154
Buchert, R.H., Beck, C.E. Impact of transient inrush on MOV starting 100066
Buchhave, P. *see* Andersen, P.E. 72328
Buchhave, P. *see* Edvold, B. 64826
Buchheit, K., Pandit, M., Henrichen, M. Improving measurement accuracy of pyrometers for application in aluminium extruders 75983
Buchholz, D. *see* Avery, R.E. 59123
Buchholz, D. *see* Avery, R.E. 59132
Buchholz, D.B. *see* Nordin, R.A. 91051
Buchholz, F.-I., Schubert, D., Kessel, W., Chi, C.-M., Yao, A., Sun, W.W. Linking an automatic noise power measuring system to primary noise standards facilities: comparison of noise power measurements between PTB (Germany) and CMS (Taiwan, R.O.C.) in the radio frequency range between 2.0 GHz and 18.0 GHz 86938
Buchholz, F.-I., Schubert, D., Stumpe, D. Precise determination of the power transmission coefficient of low-loss passive linear two-ports by RF noise power and RF attenuation measurement techniques 87494
Buchholz, G. *see* Ambrosi, P. 67652
Buchholz, P. *see* Fanti, V. 76788
Buchman, S. *see* Xiao, Y. 52819
Buchmann, J.A. *see* Scheidler, R. 83970
Buchmann, L.-M. *see* Loschner, H. 62601
Buchmann, L.M. *see* Hans, L. 81722
Buchmann, P. *see* Jackson, K.P. 72648
Buchmeister, B. *see* Leber, M. 69538
Buchner, H. Occurrence of common mode failure 89449
Buchner, H., Fabian, H. Comparative evaluation of active vs. passive system designs 89491
Buchner, P. Electromagnetic compatibility of networks and consumers: a problem of standardisation 83705
Buchner, P. Line 23 signalling 86649
Buchner, T., Roos, G., Schwederski, T., Wahl, V. VHDL design of an 8-bit processor macro 49470
Bucholtz, F. *see* Fabiny, L. 98043
Bucholtz, F. *see* Kirkendall, C.K. 66387
Bucholz, R.D. *see* Smith, K.R. 76952
Bucholz, R.D. *see* Trobaugh, J.W. 76951
Buchwald, W.P. *see* Schmidt, G. 86734
Buchwald, W.R., Zhao, J.H., Longde Zhu, Schauer, S., Jones, K.A. A three terminal InP/InGaAsP optoelectronic thyristor 50695
Buchwald, W.R. *see* Lis, R.J. 55940
Buchwald, W.R. *see* McLane, G.F. 93216
Buck, D. *see* Yu, X. 75567
Buck, J.A., Kesler, M.P. Voltage pulse forming dynamics in a transmission line section employing photoconductive charging and discharging 80586
Buck, J.R. *see* Weinstein, E. 57547
Buck, J.T., Lee, E.A. Scheduling dynamic dataflow graphs with bounded memory using the token flow model 70612
Buck, L. *see* Phillips, J. 78001
Buck, M.E. *see* Basore, P.A. 100563
Buck, M.E. *see* Ruby, D.S. 100632
Buck, P., Grenon, B. A comparison of wet and dry chrome etching with the CORE-2564 62559
Buck, P.D. *see* Hamaker, H.C. 71470
Buck, R. The Oracle media server for nCUBE massively parallel systems 58110
Buck, R.J. *see* Wynn, H.P. 61463
Buck, R.P. *see* Neuman, M.R. 67453
Bucket, K., Moeneclaey, M. The effect of interpolation on the BER performance of narrowband BPSK and (O)QPSK on Rician-fading channels 95087
Bucket, K., Moeneclaey, M. Bit error rate degradation caused by non-ideal interpolation of bandlimited direct-sequence spread-spectrum signals 97004
Buckhorst, K. *see* Sprotte, A. 87065
Buckingham, M.J. *see* van Kann, F.J. 50402
Buckingham, R. Robotics in surgery 98924
Buckle, P.D., Cockburn, J.W., Teissier, R.J., Willcox, A.R.K., Whittaker, D.M., Skolnick, M.S., Smith, G.W., Grey, R., Hill, G., Pate, M.A. Control of excited electron state populations in double-barrier resonant tunnelling structures 62269
Buckle, P.D. *see* Tagg, W.I.E. 81323
Buckle, P.D. *see* Teissier, R. 81785
Buckles, B.P., Petry, F.E., Prabhu, D., George, R., Srikanth, R. Fuzzy clustering with genetic search 95834
Buckles, W.E. *see* Niemann, R.C. 82453
Bucklew, J.A., Sethares, W.A. Fixed step size recursive algorithms for the covering problem 84302
Bucklew, J.A., Sethares, W.A. The covering problem and μ-dependent adaptive algorithms 95377
Buckley, D.L. *see* Blackband, S.J. 76904
Buckley, J. *see* Billan, J. 76350
Buckley, J.F. Telecommunications numbering 58087
Buckley, J.J., Hayashi, Y. Fuzzy simulation based on fuzzy chaos 48815
Buckley, J.R. Properties of marine radar imagery and directional spectra of the sea surface 77537
Buckley, J.R. *see* Tilley, D.G. 77481
Buckley, K. *see* Atkins, M.S. 53416
Buckley, K. *see* Hamza, R. 51458
Buckley, K. *see* Hamza, R. 74158
Buckley, K. *see* Hamza, R. 84373
Buckley, K. *see* Hamza, R. 84454
Buckley, K.M. *see* Hoffman, M.W. 88557
Buckley, K.M. *see* Xiao-Liang Yu 74084
Buckley, M. *see* Rashid, E. 92286
Buckley, M. *see* Tyrrell, G.C. 91585
Buckley, R.A. *see* Leonowicz, M. 50190
Buckley, R.A. *see* Manaf, A. 50212
Buckley-Golder, I.M. *see* Chalker, P.R. 69929
Buckley-Golder, I.M. *see* Werner, M. 81345
Buckman, A.B. *see* Becker, M.F. 82519
Buckman, A.B. *see* Giulianelli, L.C. 98064
Bucknell, M.S. *see* Savin, H.V. 70382
Buckner, M.A. Empirical-theoretical determination of the neutron response function for Teflon encapsulated TLD-600 using the Harshaw model 8800 hot-gas reader 67659
Buckner, M.A., Noulty, R.A., Cousins, T. The effect of temperature on the neutron energy thresholds of Bubble Technology Industries' bubble detector spectrometer 98706
Buckner, R.P. *see* Allerding, M.R. 86048
Bucnick, J. *see* Syphers, M.J. 66966
Bucurenciu, M. *see* Bucurenciu, S. 54197
Bucurenciu, S., Bucurenciu, M., Galan, N. Utilization of the induction motors at constant slip-frequencies for driving electric vehicles 54197
Bucy, R.S. Geodesics in G_2^4 [radar array problem] 75592
Buczkowski, A. *see* Daio, H. 62148
Buczkowski, A. *see* Kirk, H.R. 62324
Buczynski, R. *see* Beck, W.J. 87248
Buda, M. *see* Petrescu-Prahova, I.B. 94539
Buda, S. *see* Thomas, M.G. 67234
Budagov, J. *see* Demortier, L. 59090
Budd, H. *see* de Barbaro, P. 98584
Budd, R. *see* Martino, R. 71505
Budd, R.A., Dove, D.B., Staples, J.L., Nasse, H., Ulrich, W. A new mask evaluation tool, the microlithography simulation microscope aerial image measurement system 71501
Budd, R.A., Staples, J., Dove, D. A new tool for phase shift mask evaluation, the stepper equivalent aerial image measurement system—AIMS 62569
Budd, R.A. *see* Ferguson, R.A. 62566
Budde, W.O., Keller, H.-G., Reumerman, H.-J., van de Wiel, P. An asynchronous, high-speed packet switching component 55205
Bude, J., Kizilyalli, I.C. New mechanism for bipolar degradation in sub-micron BiCMOS 71829
Bude, J. *see* Mastrapasqua, M. 71669
Bude, J. *see* Pinto, M.R. 93548
Bude, J.D. *see* Kizilyalli, I.C. 71600
Budenske, J., Gini, M. Why is it so difficult for a robot to pass through a doorway using ultrasonic sensors? 99355
Budhiraja, N., Marzullo, K., Schneider, F.B., Toueg, S. Primary-backup protocols: lower bounds and optimal implementations 85340
Budic, I. New automatic casting method for the manufacture of hotplates 79035
Budihardjo, A., Dvorak, S.L., Mechaik, M.M. An asymptotic technique for computing the electric field associated with a traveling wave current filament above Earth 94724
Budihardjo, I., Lauritzen, P.O., Chihao Xu Simulation of high frequency PWM and quasi-resonant converters using the lumped-charge power MOSFET model 61546
Budihardjo, I., Lauritzen, P.O., Mantooth, H.A. Performance requirements for power MOSFET models 93446
Budihardjo, I. *see* Ma, C.L. 93445
Budil, K.S. *see* Salieres, P. 56900
Budin, J. *see* Tancevski, L. 58378
Budin, J.-P. *see* Desmur, A. 81531
Budinger, T.F. *see* Baker, J.R. 59332
Budishevskii, V.S., Yankelevich, E.B. A small multicathode magnetron for depositing multilayer thin-film coatings 92884
Budisin, P. *see* Vukelja, P. 68018
Budisin, P. *see* Vukelja, P. 68542
Budka, T.P., Trippe, M.W., Weinreb, S., Rebeiz, G.M. A 75 GHz to 115 GHz quasi-optical amplifier 61955
Budler, L. *see* Enns, M. 68292
Budlong, J. *see* Jackson, G. 87876
Budman, A. *see* Zemon, S. 94065
Budnev, N.M. *see* Belolaptikov, I.A. 59156
Budni, P.A. *see* Marquardt, C.L. 56883
Budnick, J. Ignitron-based tune-jump power supply/magnet 100348
Budnick, J., Hall, T., Li, D., Lee, S.Y. Design and fabrication of a multi-purpose Panofsky magnet 76688
Budnick, J., Rondeau, G.D. The IUCF cooler ring betatron tune modulation system 59018
Budnick, J. *see* Ellison, M. 66909
Budnick, J. *see* Li, D. 98409
Budnick, J. *see* Liu, J.Y. 98399
Budnick, J. *see* Wang, Y. 66910
Budnick, J.I. *see* Fenner, D.B. 66347
Budnik, F.W. *see* Yamakoshi, H. 67413
Budnik, F.W. *see* Zhao, L. 56655
Budnik, N.N., Minov, Yu.D., Sosnitskiy, V.N., Sutkovoy, P.I. Correction of the control characteristic of a relaxation SQUID detector 87114
Budovsky, I. A very low frequency ac-dc transfer standard 86886
Budovsky, I. *see* Shapiro, E. 86896
Budtz-Jorgensen, C., Bahnsen, A., Madsen, M.M., Olesen, C., Jonasson, P., Schnopper, H.W. Application of microstrip proportional counters at the Danish Space Research Institute 88033
Budy, B. *see* Anton, M. 66546
Budzanowski, M. *see* Olko, P. 88607
Budziak, A.P. *see* Adam, W. 88114
Budzier, H. *see* Hofmann, G. 66334
Budzilek, R. *see* Monarchie, D. 76127
Budzilek, R.A. *see* Halverson, W. 87385
Budzko, A.V. *see* Iliev, A.I. 87842
Buechler, A.J. Advanced Electronics Cooling System for Standard Electronic Modules 90988
Buechler, J. *see* Presting, H. 80748
Buehler, J.S. Implementing intelligent information systems 68150
Buehler, M.G., Blaes, B.R., Tardio, G., Soli, G.A. Inverter matrix for the Clementine mission 62980
Buehler, M.G. *see* Blaes, B.R. 49439
Buehler, M.G. *see* Blaes, B.R. 82070
Buehrer, D.J. *see* Chin-Chen Chang 95730
Buehrer, R.M., Woerner, B.D. Spread spectrum for wireless communications 65580
Buehrer, R.M. *see* Keaton, M. 86278
Buelens, J. *see* Preneel, B. 73758
Buell, D. *see* Levy, S.A. 96316
Buell, D.A. *see* Arnold, J.M. 61765
Bueno, C., Barker, M.D. High-resolution digital radiography and three-dimensional computed tomography 59240
Bueno, C.C. *see* Goncalves, J.A.C. 98594
Bues, D., Philp, F., Stegmaier, J. PC-based test systems for industrial controller systems 66118
Buescu, J. *see* Ashwin, P. 80179
Buffington, J.M. *see* Adams, R.J. 77798
Buford, J.F., Gopal, C.B. Standardizing a multimedia interchange format: a comparison of OMFI and MHEG 58047
Buford, J.F., Rutledge, L., Rutledge, J.L. Integrating object-oriented scripting languages with HyTime 58045
Bufton, J.L. *see* Harding, D.J. 77315
Bugaenko, V.L. *see* Bubnov, V.P. 53930
Bugaev, A.S., Gorsky, V.B. Effect of magnetoelastic interaction on magnetostatic mode spectrum in thick ferrite films with nonpinned surface spins 93877
Bugaev, S.P. *see* Abdullin, I.N. 54072
Bugaev, S.P. *see* Bastrikov, A.N. 55515
Bugai, V.S., Moskalenko, V.E. Inspection of the density of coatings on the basis of back scattered β-radiation 55011
Bugbee, A.C., Jr. Small Blue Planet: the electronic satellite atlas 58605
Bugeda, C., Onate, E. A methodology for adaptive mesh refinement in optimum shape design problems 54799
Bugg, W. *see* Brown, D. 59084
Bugg, W. *see* Chang, Y.H. 98645
Bugg, W.M. *see* Todd, R.A. 88236
Bugg, W.M. *see* Todd, R.A. 98675
Bugge, F. *see* Rechenberg, I. 83170
Bugiel, E. *see* Kruger, D. 69973
Bugiel, E. *see* Osten, H.J. 61315
Bugnard, J.-P. Flat panel displays used in rugedised data terminals 58935
Bugnet, H. *see* Bouvier, J. 98673
Bugos, A.R. *see* Su, S.F. 52575
Bugos, R. *see* Sechi, F. 80865
Bugoslavsky, Yu.V. The angular dependence of the irreversibility field of $La_{2-x}Sr_xGuO_{4-\delta}$ single crystals 72205

Buhay, H. *see* Lampe, D.R. 61688
Buhl, L.L. *see* Heismann, F. 50712
Buhl, L.L. *see* Kim, I. 56764
Buhl, L.L. *see* Kim, I. 63466
Buhler, M., Umlauf, E., Mather, J.C. Noise of a bolometer with vanishing self-heating 67417
Buhlmann, H.-J. *see* Jeanneret, B. 86853
Buhlmann, H.J. *see* Sallese, J.M. 71168
Buhlmann, K. *see* Reinbold, J. 58901
Buhmann, H. *see* Shigekawa, N. 71618
Buhmann, H. *see* Wang, J. 71590
Buhmann, H. *see* Wang, J. 81782
Buhmann, J. *see* Lades, M. 85067
Buhner, M. *see* Hermes, T. 98154
Buhrman, J.R. *see* Perry, C.E. 99071
Bui, D. *see* Bailey, R.B. 66491
Bui, D.Q. *see* Kozlowski, L.J. 58852
Bui, N., Sundareshan, M.K., Tharp, H.S. Seek reliability enhancement in optical and magneto-optical disk data storage devices 50610
Bui, N. *see* Simon, P. 68951
Bui, S. *see* Kobayashi, K.W. 92560
Bui, T.D. *see* Xinming Yu 64590
Bui Doan Khanh Hermite predictor-corrector scheme for regular Volterra integral equations and for some integro-differential equations of turbulent diffusion 91390
Bui Duc *see* Duc Bui
Bui Thang Nguyen *see* Thang Nguyen Bui
Buie, M.J., Pender, J.T., Vincent, T., Holloway, J., Brake, M., Elta, M. Optical emission spectroscopy on the GEC reference cell [of RIE plasma] 62422
Builta, L. *see* Kauppila, T. 71028
Buinov, N.S., Mikhnevich, V.V., Myasoedov, A.V., Chernyshev, A.F. Small portable pyrometers PR-1 and PR-1T for determining the surface temperature of power plants and main heating lines 58760
Buioca, D.I., Iusan, V.Z. Influence of centrifugation and HGMS on conversion parameter in magnetic fluids 71927
Buisson, J. *see* Doucin, B. 71580
Buisson, J.A. *see* McCaskill, T.B. 87560
Buisson, O. *see* Ladret, D. 61867
Buiu, O., Gartner, M., Plugaru, R., Dumitru, M. Implanted damage evolution in sequential annealed silicon 49860
Buja, G.S. Neural network implementation of a fuzzy logic controller 90568
Buja, G.S., Menis, R., Valla, M.I. Disturbance torque estimation in a sensorless DC drive 90519
Buja, G.S., Valla, M.I. Control characteristics of the SRM drives. II. Operation in the saturated region 69092
Bujatti, M. *see* Sechi, F. 80865
Bukanin, V. *see* Ali, A. 54264
Bukauskaite, B. *see* Tvardauskas, H. 81533
Buker, H. *see* West, R.H. 63370
Bukhari, A.R.S. *see* Al-Turaiki, M.H.S. 88349
Bukharin, A. *see* Pershin, S. 77348
Bukiet, B. *see* Harold, E. 73248
Bukin, A.D. *see* Aulchenko, V.M. 67341
Bukow, H.H. *see* Stephan, A. 56279
Bukreev, V.S., Vartapetov, S.K., Veselovskii, I.A., Galustov, A.S., Kovalev, Yu.M., Prokhorov, A.M., Svetogorov, E.S., Khmelevtsov, S.S., Lee, Ch.H. Excimer-laser-based lidar system for stratospheric and tropospheric ozone measurements 77408
Bukrinskii, A.M. *see* Kovalevich, O.M. 89493
Buks, E., Heiblum, M., Shtrikman, H. Correlated charged donors and strong mobility enhancement in a two-dimensional electron gas 71146
Bukshpun, L.M. *see* Latush, E.L. 94350
Bula, K. Analysis of nonstationary thermal states of flat linear motor by means of equivalent circuits method 54041
Bulanyi, M.F., Klimenko, V.I., Likhoshva, A.V. Thermally stimulated conductivity in plastically deformed ZnS-Cu,Mn crystals 71112
Bulas-Cruz, J., Ali, A.T., Dagless, E.L. A temporal smoothing technique for real-time motion detection 95687
Bulat, E.S. *see* Tabasky, M. 94153
Bulat, L.P., Demchishin, E.I. New nonlinear thermomagnetic effects in films, and sensors based on these effects 75903
Bulatov, N.G., Etkin, V.S., Mikhailova, E.A., Pungin, V.G., Raev, M.D., Skvortsov, E.I. Studies of sea surface waves using microwave ΔK-spectrometer, scatterometer and radiometer 77466
Bulc, A.M., Hassenzahl, W.V., Zeljeznov, M. Current redistribution during quench in a SMES coil with separated conductor and dump shunt 72264
Buldakov, O. *see* Volgin, L. 95573
Bulekbaev, D.A. *see* Khachaturov, V.R. 64518
Bulfone, D. *see* Abrami, A. 98715
Bulgakov, A.A. Feedback in converter motors 78564
Bulgakov, A.Yu., Kasperovich, A.N., Sabirzhanov, E.R. Behavioral model for a delta-sigma modulator with imperfect components 55315
Bulgakov, Yu.I., Itskovich, G.B., Pusep, A.Yu., Storozhev, A.V. Mathematical modeling of NMR signal when prospecting water in a conductive medium 53543
Bulka, D., Dugan, J.B. Network s-t reliability bounds using a 2-dimensional reliability polynomial 61008
Bulkin, A.E., Kalashnikov, A.A. The specifics of developing control systems for ultra-supercritical steam turbines 99942
Bulkin, P.V., Swart, P.L., Lacquet, B.M. Optical properties of SiN_x deposited by electron cyclotron resonance plasma-enhanced deposition 91564
Bull, D.R., Thomas, S.M. Ultrasonic ranging and material classification using artificial neural networks 75651
Bull, D.R., Wacey, G. Bit-serial digital filter architecture using RAM-based delay operators 92381
Bull, D.R., Wacey, G., Stone, J.J., Soloff, J.M. A compound primitive operator approach to the realisation of video sub-band filter banks 74505
Bull, D.R. *see* Beasley, D. 54699
Bull, D.R. *see* Beasley, D. 54720
Bull, J. *see* Schailey, R. 67196
Bull, P.M. *see* Scott, D.L. 96471
Bulldakov, M.A. *see* Ippolitov, I.I. 99926
Buller, J.F. *see* Farahani, M.M. 55272
Buller, T.L. *see* Vetter, A.M. 67146
Bullesbach, A. Data protection and information processing security in mobile radio. Solutions and open questions 75220
Bullock, R. Things you should know if you design with FHP gearmotors 78657
Bullock, T.E. *see* Moorman, M.J. 57469
Bullock, T.E. *see* Song, C. 59626
Bullough, M. *see* Kaplan, D. 59067
Bullough, M.A. *see* Allport, P.P. 88021
Bulmer, C.H. *see* Gopalakrishnan, G.K. 50576
Bulmer, C.H. *see* Gopalakrishnan, G.K. 94199
Bulos, F. *see* Bloom, E. 76520
Bulsari, A.B., Saxen, H. Application of artificial neural networks for filtering, smoothing and prediction for a biochemical process 84345
Bulst, W., Ruppel, C. Developments to watch in surface acoustic wave technology 50171
Bulst, W.-E. *see* Seifert, F. 87153
Bultheel, A. *see* Van Barel, M. 69828
Bultman, N. *see* Wangler, T.P. 76301
Bulumulle, G. *see* Bassiouni, M. 75005
Bulyak, E. *see* Androsov, V. 76390
Bulyak, E. *see* Bar'yakhtar, V. 67407
Bulyak, E.V. The ion core density in electron storage rings with clearing electrodes 87872
Bulyak, E.V., Gevchuk, A.V., Gladkikh, P.I., Karnaukhov, I.M., Kononenko, S.G., Mytsykov, A.O., Shcherbakov, A.A. The magnet system of the synchrotron radiation source ISI-800 76573
Bulyak, E.V., Karnaukhov, I.M., Mytsykov, A.O. Synthesis of the pole shape of the bending magnets for storage rings 87795
Bulychev, Yu.G., Burlai, I.V. A method for differentiating functions with finite domain of definition on the basis of spline-extensions and the Kotelnikov series 64515
Bum Kim Si *see* Si Bum Kim
Bum Kim Young *see* Young Bum Kim
Bum Man Kim *see* Kwang Il Kim 81433
Bumai, Yu.A. *see* Shlopak, N.V. 49768
Bumarskov, A.O. *see* Amosov, A.F. 99952
Bumble, B. *see* Febvre, P. 61909
Bumble, B. *see* Kooi, J.W. 61612
Bumby, J.R. *see* Westlake, A.J.G. 100049
Bumeliene, S., Cenys, A., Namajunas, A., Brazis, R. Dynamic chaos in Al/GaAs planar structures of Schottky junctions 81342
Bumman Kim *see* Joonwoo Lee 55896
Bun Lee *see* Jae Heon Shin 76227
Bunau, R.von *see* von Bunau, R.
Bunce, G. *see* Wu, J. 98659
Bunch, K.J., Grow, R.W. An extrapolation technique to iterate to the smallest and largest eigenvalues of an infinite-dimensional normal matrix used in function fitting 54766
Bunch, R. *see* Kuruneru, R.S. 53731
Bunch, R. *see* Kuruneru, R.S. 78059
Bunda, S. *see* Bunda, V. 72206
Bunda, V., Kun, A., Bunda, S., Kovac, J. Influence of oxofluorine doping on superconducting properties of superconductor Bi-Pb-Sr-Ca-Cu-O-F 72206
Bunda, V., Orendac, M., Orendacova, A., Feher, A., Djakonov, V.P. Low-temperature magnetic ordering and 4f electrons effect in high-T_c $DyBa_2Cu_3O_{7-\delta}$ superconducting single crystal 72211
Bundschuh, B. A linear predictor as a regularization function in adaptive image restoration and reconstruction 85169
Bundschuh, W.L. *see* Jackson, P.L. 79065
Bundy, K. *see* Brown, B.L. 87797
Bundy, S.C., Popovic, Z.B. Analysis of planar grid oscillators 80710
Bunescu, M.C. *see* Sandu, V. 79932
Bung Han Seok *see* Seok Bung Han
Bungarzeanu, C. Four-wave mixing induced limitations of OFDM over passive optical networks 52547
Bungarzeanu, C. Limitations of dispersion supported transmission over standard single-mode fiber 86325
Bungo, Y. *see* Kaneko, K. 58911
Bunikov, N.A., Pukhov, A.A., Rakhmanov, A.L. The normal zone acceleration in superconductor with changing current 82462
Bunke, C., Hallmann, U. Digital angle pole position detection in linear drives 90032
Bunke, H., Csirik, J. Edit distance of run-length coded strings 95216
Bunke, H. *see* Jiang, X.Y. 84884
Bunker, E. *see* Mason, P. 99040
Bunkin, A.F., Rezov, A.V., Tsipenyuk, D.Yu. Remote elemental analysis under natural conditions with the help of a helicopter-based laser complex 77209
Bunn, A.E., Price, M.W., Hofmeyr, G.J. Design of a suction scalp electrode for fetal heart rate monitoring 76999
Bunn, D.W., Larsen, E.R. Assessment of the uncertainty in future UK electricity investment using an industry simulation model 77967
Bunney, C. *see* St. Ville, L.J. 97300
Bunning, H. *see* Saniter, J. 74967
Bunning, H. *see* Saniter, J. 86404
Bunt, R.B. *see* Gulati, N. 65364
Bunt, R.B. *see* Reid, K.L. 75089
Bunten, B., Dib, R.N. Measurement faults in network load determination: influence on load regulation and performance calculation 68328
Bunyak, Yu.A. Spectral analysis by the method of linear prediction invariant to shift 57484
Bunyan, R.J.T. *see* Marshall, G.F. 80504
Bunz, H. *see* Baum-Waidner, B. 96514
Bunz, L.A., Track, E.K., Rylov, S.V., Fei-Yuh, P., Morse, G. Fiber-optic input and output for superconducting circuits 93950
Bunzel, E., Osterthun, H. Low-voltage induction motors with intermediate-circuit frequency convertor 60227
Buoming Zhang *see* Zhang Buoming
Buon, J., Delcourt, B., Jeanjean, J., Le Diberder, F., Lepeitier, V., Puzo, P. The Orsay spot size monitor for the Final Focus Test Beam 76616
Buon Sing Lau *see* Kit Po Wong 60035
Buonanno, G., Sciuto, D., Stefanelli, R. Innovative structures for CMOS combinational gates synthesis 49289
Buonanno, G. *see* Bombana, M. 55049
Buono, L.Del *see* Del Buono, L.
Buontempo, S., Capone, A., Cocco, A.G., De Pedis, D., Di Capua, E., Dore, U., Ereditato, A., Ferroni, M., Fiorillo, G., Loverre, P.F., Luppi, C., Macina, D., Marchetti-Stasi, F., Mazzoni, M.A., Migliozzi, P., Palladino, V., Piredda, G., Riccardi, F., Ricciardi, S., Righini, P., Saitta, B., Santacesaria, R., Strolin, P., Zucchelli, P. Construction and test of calorimeter modules for the CHORUS experiment 98502
Buontempo, S., Capone, A., Cocco, A.G., Depedis, D., Di Capua, E., Di Liberto, S., Dore, U., Ereditato, A., Fiorillo, G., Loverre, P.F., Luppi, C., Macina, D., Marchetti-Stasi, F., Mazzoni, M.A., Meddi, F., Migliozzi, P., Palladino, V., Piredda, G., Riccardi, F., Ricciardi, S., Saitta, B., Santacesaria, R., Strolin, P., Zucchelli, P. Construction and test of modules of the CHORUS calorimeter 53296
Buontempo, S., Ereditato, A., Marchetti-Stasi, F., Riccardi, F., Strolin, P. An instrument for the high-statistics measurement of plastic scintillating fibers 87987
Buontempo, S., Ianovski, V., Marchetti-Stasi, F., Parascandolo, L., Riccardi, F. A new instrument for high statistics measurement of scintillating fibers 53297
Buot, F.A., Rajagopal, A.K. Hysteresis of trapped charge in AlGaSb barrier as a mechanism for the current bistability in AlGaSb/InAs/AlGaSb double-barrier structures 55628
Bur, C.A. *see* Baig, N.A. 89595
Burack, J.J. *see* Holland, W.R. 94313
Burak, D., Grohs, J., Ussler, H., Klingshirn, C. Optical bistability and transverse inhomogenities in diffusive systems with induced absorption 50951
Burak, M., Damaskos, S., Gavras, A. A case study of local ATM to wide area ATM interworking 65428
Burak, M., Goldacker, G. Interconnection of MANs and B-ISDN 58165
Burani, G.F., Kameyama, F.H., Sueta, H.E. Experimental investigation on sustained arcing in low voltage power distribution systems 89222
Burattini, E., Cappuccio, G., Marcelli, A., Calvani, P., Nucara, A., Sanchez del Rio, M. An infrared synchrotron radiation beamline on DAΦNE 87745
Buravlyov, A.V., Krasnobaev, L.Y., Malinin, A.A., Kireiko, V.V., Starkov, V.V., Vyatkin, A.F. Solid phase epitaxial regrowth of buried amorphous silicon layers obtained by ion irradiation 54874
Burbach, G. *see* Schwille, W.J. 76785
Burbage, J. *see* Speliotis, D.E. 50281
Burbank, M. *see* Fife, A.A. 93943
Burbank, M. *see* McKay, J. 88468
Burbeck, C.A. *see* Pizer, S.M. 74258
Burberry, B.A., Foster, P.R. New kind of microstrip antenna: the monopolar wire patch antenna 57253
Burch, J.F. *see* Jackson, C.M. 49642

Burchall, M.A. The fallacies and facts of power factor correction 51138
Burchard, B., Zaitsev, A.M., Fahrner, W.R., Melnikov, A.A., Denisenko, A.V., Varichenko, V.S. Diamond based light emitting structures 82837
Burchard, D. DIY gain-blocks 49177
Burchard, D. Don't be afraid of high-frequency transformers 70954
Burchard, D. Logarithmic converters and measurement of their characteristics 97851
Burchett, M.H., Pennock, S.R., Shepherd, P.R. Rigorous analysis of the higher order modes, impedance and attenuation factor of coupled striplines 57193
Burchhardt, U., Laux, C.H., Eichhorn, G. New capacity range of feed pumps for the 800 MW brown coal-fired units of VEAG 78432
Burck, J., Conzen, J.-P., Beckhaus, B., Ache, H.-J. Fiber-optic evanescent wave sensor for in situ determination of non-polar organic compounds in water 58799
Burdekin, F.M. *see* Gaydecki, P.A. 91654
Burdette, H. *see* Casagrande, L.G. 91420
Burdick, J., Pruett, J. Overview of photovoltaic module reliability testing at NREL 90418
Burdick, W.E., Jr. *see* Daum, W. 79326
Burdio, J.M. *see* Garcia, J.R. 68689
Burdis, A. Fast, faster, cache: synchronous SRAMs for cache applications 80344
Burek, D. *see* Nadeau-Dostie, B. 58639
Burekas, B. *see* Tatsaki, A. 80394
Burel, G., Catros, J.-Y. Image compression using topological maps and MLP 64610
Buren, A.L.Van *see* Van Buren, A.L.
Bures, J. *see* Gonthier, F. 50458
Bures, M. *see* Goulding, R.H. 51271
Buret, F. *see* Briggs, A.C.T. 63060
Buret, F. *see* Peyraque, L. 90059
Burfield, G., Craig, D.W., Meharry, M., Norrington, J., Tuohy, I. The Illowra FLIR performance model 66440
Burford, D.P., Pearl, I.G., Stevens, G.E. Phase I results from the DOE/SCS CT-121 project at Georgia Power's Plant Yates 89574
Burg, G.S. *see* Sun, M. 84323
Burg, G.van der *see* van der Burg, G.
Burgasov, V.S. *see* Mel'nikov, V.I. 89481
Burgassi, M. *see* Bagnasco, E. 58214
Burge, R.E. *see* Rehman, S.S. 50837
Burgelman, J.-C. *see* Punie, Y. 96739
Burger, D. *see* Ong, T.P. 100782
Burger, G., Cane, M.A. Interactive Kalman filtering 59532
Burger, H. *see* Myburg, G. 81360
Burger, J., Prell, S., Zimmer, M., Zimmermann, W., Henschel, H., Klein, H.H.K.M., Kostka, P., Lange, W., Lippold, H., Meissner, J., Naumann, T., Winde, M., Clarke, D., Haynes, W.J., Hill, P., Joensson, L., Gabathuler, K., Horisberger, R., Wagener, M., Eichler, R., Erdmann, W., Pitzl, D. The Silicon Tracking Detector System of H1 98570
Burger, J. *see* Ahlen, S. 98641
Burger, J.M. *see* Penfield, S.R., Jr. 78287
Burger, M. *see* v. Berg, E. 89523
Burger, P. *see* Rijken, H.A. 87967
Burger, R. Cooling towers, the overlooked energy conservation machine 89559
Burger, R., Schilling, H. Closed quality loop: acquisition of dimensional divergence, automatic correction of NC blocks 79462
Burger, W., Bhanu, B. A geometric constraint method for estimating 3-D camera motion 96080
Burger, W.J. *see* Adam, A. 88087
Burger, W.J. *see* Adam, A. 88102
Burger, W.J. *see* Adriani, O. 88023
Burger, W.J. *see* Ambrosi, G. 53302
Burger, W.J. *see* Battiston, R. 53350
Burgers, A.R., de Moor, H.H.C., Sinke, W.C., Steeman, R.A. 2-D numerical analysis of current collection in silicon solar cells 100482
Burgess, A.E., Ghandeharian, H. A method of using noise as a test pattern for determining image enhancement filters 76918
Burgess, B., Ullah, N., Overen, P.V., Ogden, D. The PowerPC 603 microprocessor 80367
Burgess, B. *see* Pham, D. 92287
Burgess, G.E. *see* Zhai, T. 63961
Burgess, J.F., Neugebauer, C.A. RwoH integral package for MCM using the GE HDI process with a metal barrier 91060
Burgess, M.A. Synthetic vision for low-visibility aircraft operations what we know and what we do not know 77136
Burgess, N. A constructive algorithm that converges for real-valued input patterns 84621
Burgess, R. *see* Van Berkel, K. 55048
Burgess, R. *see* van Berkel, K. 97735
Burgess, R.W., Devaney, W.E., Chen, W.S. Performance analysis of $CuInSe_2$ and GaAs solar cells aboard the LIPS-III flight Boeing lightweight panel 100752
Burgett, W., Christianson, M., Coombes, R., Dombeck, T., Gannon, J., Haenni, D., Kraushaar, P., Levin, M., McAshan, M., McInturff, A., Mulholland, G., Murray, D., Robinson, W., Savord, T., Smellie, R., Spinos, F., Tool, G., Weisand, J., III, Zatopek, J. Full-power test of a string of magnets comprising a half-cell of the Superconducting Super Collider 98480
Burgett, W. *see* Kraushaar, P. 76654
Burgett, W. *see* McInturff, A.D. 76652
Burgett, W. *see* McInturff, A.D. 87671
Burgett, W. *see* Robinson, W. 76644
Burggraaf, P. Keeping the 'RCA' in wet chemistry cleaning 79270
Burggraaf, P. Applying cost modeling to stepper lithography 81690
Burggraaf, P. Thin film metrology: headed for a new plateau 87531
Burggraaf, P. Pursuing advanced metrology solutions 87532
Burggraaf, P. Advanced plasma sources: What's working? 90928
Burggraaf, P. A look at the best of metal etch capabilities 93190
Burghard, A. *see* Dixit, A.D. 56070
Burghard, M. *see* Fischer, C.M. 93012
Burghartz, A. *see* Shahidi, G.G. 71790
Burghartz, J. *see* Warnock, J. 71771
Burghartz, J.N., Cifuentes, A.O., Warnock, J., McIntosh, R.C., Stanis, C.L., Cressler, J.D., Sun, J.Y.-C., Comfort, J.H., Jenkins, K.A. SPIRIT-a bipolar/BiCMOS isolation technology for high-performance VLSI 71830
Burghartz, J.N., Cifuentes, A.O., Warnock, J.D. A low-capacitance bipolar/BiCMOS isolation technology. II. Circuit performance and device self-heating 82094
Burghartz, J.N., Grutzmacher, D.A., Sedgwick, T.O., Jenkins, K.A., Megdanis, A.C., Cotte, J.M., Nguyen-Ngoc, D., Iyer, S.S. An ultra-low thermal-budget SiGe-base bipolar technology 71611
Burghartz, J.N., Jenkins, K.A., Grutzmacher, D.A., Sedgwick, T.O., Stanis, C.L. High-performance emitter-up/down SiGe HBT's 80673
Burghartz, J.N., McIntosh, R.C., Stanis, C.L. A low-capacitance bipolar/BiCMOS isolation technology. I. Concept, fabrication process, and characterization 82093
Burghartz, J.N. *see* Harame, D.L. 61658
Burghartz, J.N. *see* Jenkins, K.A. 93623
Burghartz, J.N. *see* Liebmann, L.W. 81587
Burgi, P.-Y., Pun, T. Asynchrony in image analysis: using the luminance-to-response-latency relationship to improve segmentation 64824
Burgin, S. *see* Reinhard, M. 65487
Burgkhardt, B. *see* Bilski, P. 99012
Burgkhardt, B. *see* Olko, P. 88607
Burgler, J. *see* Riccobene, C. 75930
Burgnies, L., Vanbesien, O., Sadaune, V., Lippens, D., Nagle, J., Vinter, B. Resonant tunneling structures with local potential perturbations 55607
Burgos Fernandez, A., Llorente Gonzalez, J.I., Lopez de la Calle, L.N., Sanchez Galindez, J.A., Sarachaga Gonzalez, M.I., Lopez, I.M. CIM: a case study 69315
Burgos Fernandez, A. *see* Llorente Gonzalez, J.I. 69314
Burgt, J.van der *see* van der Burgt, J.
Burgt, M.van der *see* van der Burgt, M.
Burgun, L., Dictus, N., Greiner, A., Lopes, E.P., Sarwary, C. Multilevel logic optimization of very high complexity circuits 91999
Burgun, L., Dictus, N., Greiner, A., Pradho, E., Sarwary, C. Multilevel logic synthesis of very high complexity circuits 49340
Burgwinkel, R. *see* Schwille, W.J. 76785
Burhanpurkar, V. *see* Lang, S. 95974
Burileanu, C., Bojan, L.M. A representation for recognition of isolated words spoken in Romanian language 73914
Buris, N.E. *see* Schaubert, D.H. 73559
Burk, B., Landstorfer, F.M. Antenna system with frequency conversion for microwave location 57226
Burke, A. A new television distribution system for Hong Kong 86745
Burke, A.F., MacDowall, R.D. The performance of advanced electric vans—test and simulation 54201
Burke, C., Kelly, J. Telecommunications and computer industries collaboration 96320
Burke, C. *see* Shiragaki, T. 65545
Burke, C. *see* Shiragaki, T. 82780
Burke, C.P., Jones, D.L. A signal-to-noise model for ELF propagation in subsurface regions 83692
Burke, D. *see* Adolphsen, C. 76537
Burke, D.L. *see* Ruth, R.D. 66791
Burke, E.A. *see* Summers, G.P. 100747
Burke, E.R., Gomez, R.D., Madabhushi, R., Mayergoyz, D. Computation of magnetic fields from recording surfaces with multiple tracks 63228
Burke, E.R., Gomez, R.D., Mayergoyz, I.D. An analysis of magnetization patterns measured using a magnetic force scanning tunneling microscope 76164
Burke, E.R. *see* Gomez, R.D. 63227
Burke, E.R. *see* Gomez, R.D. 66660
Burke, G.J., Miller, E.K., Bhattacharyya, A.K. Current on a long, thin wire in a chiral medium 73480
Burke, J.J. Simple formulation of radiation modes in planar multilayer waveguides 82633
Burke, J.J. *see* Barker, P.P. 68330
Burke, K., Power, J.A., Donnellan, B., Moloney, K., Lane, W.A. Worst-case MOSFET parameter extraction for a 2 μm CMOS process 62976
Burke, M. *see* Jayapalan, J. 65603
Burke, M. *see* Shepard, T. 96692
Burke, P.J. Ultra-linear chirp generation via VCO tuning predistortion 80181
Burke, R. *see* Fields, D.E. 98522
Burke, R. *see* Suhir, E. 79330
Burke, R.R. *see* Finley, W.R. 60174
Burke, R.R. *see* Finley, W.R. 78571
Burke, R.R. *see* Finley, W.R. 89817
Burke, S.V. *see* Berry, G.M. 50527
Burke, S.V. *see* Smartt, C.J. 72354
Burke, T. *see* Lis, R.J. 55940
Burke, T. *see* Zhao, J.H. 55941
Burke, W.J. *see* Leifer, R. 69476
Burkert, V. *see* Zorn, C. 88099
Burkett, K. *see* Badgett, W. 74345
Burkey, B.C. *see* Nichols, D.N. 66046
Burkhanov, A.I., Shilnikov, A.V., Shishlov, S.Yu., Dimza, V., Shternberg, A. Dielectric relaxation in doped and γ-irradiated ceramic ferroelectric PLZT-8/65/35 93743
Burkhard, H., Mohrdiek, S., Walter, H. Low chirp 10 Gb/s standard fibre transmission by injection-locking 86510
Burkhard, H. *see* Hansmann, S. 72882
Burkhard, H. *see* Hillmer, H. 86408
Burkhard, H. *see* Hillmer, H. 94468
Burkhard, H. *see* Hillmer, H. 94475
Burkhard, H. *see* Mohrdiek, S. 50822
Burkhard, H. *see* Mohrdiek, S. 52495
Burkhardt, H. *see* Bailey, R. 76434
Burkhardt, T. The new load distribution of the Isar-Amperwerke 99544
Burkin, K., Geddes, T.A. The reclamation of transformer oils contaminated with PCBs 68672
Burkle, W. NPP technology: status and lines of development 68368
Burkley, C.J. *see* Abbas, A. 52328
Burkley, C.J. *see* Lan, H. 51789
Burkner, S. *see* Flemig, G.W. 79865
Burkov, V.D., Yegorov, F.A., Potapov, V.T. Fiber-optic thermometer with a ferrite power-to-temperature transducer for microwave field power measurements 87205
Burkova, A.V. *see* Egorova, L.E. 89629
Burkova, A.V. *see* Roslyakov, P.V. 89679
Burks, T.M., Sakallah, K.A. Optimization of critical paths in circuits with level-sensitive latches 92163
Burla, P. *see* Barnett, I. 76827
Burlai, I.V. *see* Bulychev, Yu.G. 64515
Burlak, G.N., Grimal'skiy, V.V. Transformation of magnetostatic waves upon reflection from a field inhomogeneity 50389
Burlak, G.N., Grimal'skiy, V.V. Magnetostatic waves and reconstruction of the profile of a radially symmetrical nonuniform field 93871
Burlakov, M.V. Situational control of service processes with synchronized controls 65006
Burlamacchi, P. *see* Lapucci, A. 82953
Burland, D.M. *see* Miller, R.D. 56913
Burland, D.M. *see* Silence, S.M. 50439
Burland, D.M. *see* Twieg, R.J. 56415
Burleson, M.A. *see* Arnoldussen, T.C. 50297
Burleson, W. Using regular array methods for DSP module synthesis 49075
Burleson, W.P. *see* Bongjin Jung 82046
Burleson, W.P. *see* Marvin, W.B. 56491
Burleson, W.P. *see* Stan, M.R. 61830
Burleson, W.P. *see* Stan, M.R. 70780
Burley, G.S. *see* Jackson, M.K. 72343
Burlingame, J.J. *see* Griep, K.R. 97468
Burlov, V.Yu. *see* Roslyakov, P.V. 89679
Burm, J., Litvin, K.I., Schaff, W.J., Eastman, L.F. Optimization of high-speed metal-semiconductor-metal photodetectors 75981
Burm, J. *see* Litvin, K. 65860
Burm, J.W. *see* Asif Khan, M. 71739
Burm Rhee Sang *see* Sang Burm Rhee
Burmeister, L., Reimer, D., Schilling, M. Thermosonic bond contacts with gold wire to $YBa_2Cu_3O_7$ microstructures 72243
Burmeister, M. *see* Saniter, J. 74967
Burmeister, M. *see* Saniter, J. 86404
Burnell, G., Warburton, P.A., Blamire, M.G. Inelastic quasiparticle scattering and multiplication in superconductors 82351
Burness, A.L. *see* Asghari, M. 58436
Burness, A.L. *see* Asghari, M. 94442
Burnett, C.G., Kishpaugh, J.L. Challenges to the technology transfer of artificial intelligence (AI) applications to a power plant environment: the good, the bad and the interesting 68352
Burnett, D., Erington, K., Subramanian, C., Baker, K. Implications of fundamental threshold voltage variations for high-density SRAM and logic circuits 70511
Burnett, D. *see* Lage, C. 92197
Burnett, I., Man, K.S., Cassidy, S., McGuire, A., Laws, J. Design considerations for advanced switching systems using photonics 52504
Burnett, I.S., Holbeche, R.J. A mixed prototype waveform/CELP coder for sub 3 kbit/s 73874
Burnett, J., Wu, M.K.T. Problems at the utility supply/consumer interface 59927
Burnett, K. *see* Le Blanc, S.P. 83282

Burnett, P. The radar imagery generator 75613
Burnett, P. *see* Chen, D.M. 61405
Burnett, R.O., Jr., Butts, M.M., Cease, T.W., Centeno, V., Michel, G., Murphy, R.J., Phadke, A.G. Synchronized phasor measurements of a power system event 89019
Burnham, B., Hower, N., Litvinenko, V.N., Madey, J.M.J., Wu, Y. Specific features of magnet design for the Duke FEL storage ring 76695
Burnham, C.A., Kaufman, D., Chesler, D.A., Gregoire, M.-C., Brownel, G.L. MGH cylindrical PET operational characteristics 53415
Burnham, J.T., Givens, P.S., Grisham, T.M. High strength polymer post insulators enable economical transmission lines with low environmental impact 89333
Burnham, K.J. *see* King, P.J. 57623
Burnidge, J.A. *see* Howard, C.M. 87370
Burnik, U., Tasic, J., Cain, G. Two-dimensional least square SVD algorithm 74295
Burniston, J., Curtis, K.M. A hybrid neural network/rule based architecture for diphone speech synthesis 95306
Burniston, J.D. *see* Gubbins, P.R. 95291
Burnod, Y. *see* Anton, J.-L. 64751
Burns, A., Fischer, W., Jakob, H., Milsted, I., Schmidt, F., Vos, L. The million turn date acquisition system BOSC 76487
Burns, A. *see* Castro, P. 76559
Burns, B.L., Cordaro, J.T. A SAR image-formation algorithm that compensates for the spatially-variant effects of antenna motion 74358
Burns, C. *see* Degeneff, R.C. 78682
Burns, C. *see* Morjaria, M. 68356
Burns, C.W. *see* Barker, P.P. 68330
Burns, C.W. *see* Longtin, K. 89788
Burns, C.W. *see* Warren, C.A. 89403
Burns, D. *see* Williams, K.A. 94448
Burns, D.C. *see* Underwood, I. 56444
Burns, D.W. *see* Schoess, J.N. 98062
Burns, H.S., Chao, C.-W., Dollard, P.M., Mallon, R.E., Eslambolchi, H., Wolfmeyer, P.A. FASTAR operations in the real AT&T transport network 74858
Burns, J. The application of millimetre wave technology for personal communication networks in the United Kingdom and Europe: a technical and regulatory overview 97075
Burns, J., Powers, J. Load-data access tools cultivate productivity 99490
Burns, J., Riel, J., DiBene, A. An intelligent, fault tolerant, high power, distributed power system for massively parallel processing computers 68828
Burns, L. *see* Woo, C. 80811
Burns, M. *see* Kauppila, T. 71028
Burns, M. *see* Morkoc, H. 81752
Burns, M.B., Bell, B.R., Knowles, E.A. Timely identification of yield-limiting defects through in-line automated inspection of wafers 79454
Burns, M.J. *see* Melton, J.G. 76714
Burns, R.J. Reliability: is it worth the effort? an assessment of the value of reliability tasks and techniques 69654
Burns, R.W. Discovery and invention: Lodge and the birth of radio communications 58284
Burns, R.W. Impact of technology on the defeat of the U-boat September 1939-May 1943 88898
Burns, S. *see* Bogden, D. 78970
Burns, S. *see* Hauck, S. 70441
Burns, S.W., Jha, N.K. A totally self-checking checker for a parallel unordered coding scheme 49291
Burns, T.J., Rogers, S.K., Oxley, M.E., Ruck, D.W.. Computing optical flow using a discrete, spatio-temporal, wavelet multiresolution analysis 57838
Burns, T.J., Rogers, S.K., Ruck, D.W., Oxley, M.E. Discrete, spatiotemporal, wavelet multiresolution analysis method for computing optical flow 74454
Burns, W.K. *see* Gopalakrishnan, G.K. 50576
Burns, W.K. *see* Gopalakrishnan, G.K. 86454
Burns, W.K. *see* Gopalakrishnan, G.K. 94199
Burns, W.K. *see* Hall, D.C. 50766
Burns, W.K. *see* Moeller, R.P. 76041
Burnside, D., Parks, T.W. Accelerated design of FIR filters in the complex domain 80450
Burnside, D. *see* Shenoy, R.G. 84347
Burnside, W.D., Gupta, I.J. A method to reduce stray signal errors in antenna pattern measurements 51213
Burnside, W.D. *see* Al-Hekail, Z.O. 73307
Burov, D.V., Bilenko, V.A., Kotler, V.R., Safronnikov, S.A. An automatic control system for combustion in a pulverized-coal-fired boiler with staged fuel combustion 89656
Burov, J.I. *see* Tankovsky, N.S. 99336
Burov, L.I., Zhvalevskii, A.V., Klishchenko, A.P., Kozlov, I.N., Listopad, A.P. Polarization effect of pumping radiation on lasing characteristics of a dye-solution laser 56645
Burow, D. *see* Salon, S. 89935
Burpee, D.S., Shumate, P.W., Jr. Emerging residential broadband telecommunications 52576
Burr, A.G. *see* Baines, S.J. 52432
Burr, G.W., Mok, F., Psaltis, D. Large-scale holographic memory: experimental results 56321
Burr, G.W. *see* Mok, F.H. 63354
Burr, J. *see* Jabri, M. 49593
Burr, J.B., Shott, J. A 200 mV self-testing encoder/decoder using Stanford ultra-low-power CMOS 92122
Burr, J.B. *see* Yeh, G.K. 91733
Burr, W.E., Wakid, S., Xiaomei Qian, Vaman, D. A comparison of FDDI asynchronous mode and DQDB queue arbitrated mode data transmission for metropolitan area network applications 58141
Burrage, K., Pohl, B. Implementing an ODE code on distributed memory computers 91378
Burrell, A., Makrakis, D., Papantoni-Kazakos, P. Performance analysis of a new implementation efficient capacity allocation protocol for multimedia traffic in ATM networks 85709
Burrell, A., Papantoni-Kazakos, P. Traffic management in broadband integrated services digital networks 85880
Burrell, L.G. *see* Hong, B.Z. 91080
Burren, J.W. *see* Nche, C.F. 86703
Burrer, C., Esteve, J. Thermally driven micromechanical bridge resonators 66216
Burrer, C., Esteve, J., Plaza, J.A., Bao, M., Ruiz, O., Samitier, J. Fabrication and characterization of a twin-mass accelerometer 66242
Burri, A. *see* Camurati, P. 49445
Burri, R., Wettstein, A. An optimized network service for teleaction services in Switzerland 65131
Burridge, D.A. *see* Ouchi, K. 77478
Burridge, D.A. *see* Ouchi, K. 88799
Burrill, V., Evans, G., Fokken, D., Vaananen, K. The lust to explore space: the attractiveness of interactive video within multimedia applications 97685
Burros, L.E.M.de, Jr. *see* de Burros, L.E.M., Jr.
Burroughes, J.H., Grimshaw, M.P., Leadbeater, M.L., Ritchie, D.A., Pepper, M., Jones, G.A.C. One-dimensional wire formed by molecular-beam epitaxial regrowth on a patterned pnpnp GaAs substrate 54885
Burroughes, J.H. *see* Arnone, D.D. 62879
Burroughes, J.H. *see* Patel, N.K. 81335
Burroughs, C.J. *see* Hamilton, C.A. 82361
Burroughs, C.J. *see* Hamilton, C.A. 86847
Burroughs, E.E. *see* Driggers, R.G. 76082
Burroughs, J.H. *see* Grimshaw, M.P. 55621
Burrows, B.L. *see* Ancin, F.J. 64344
Burrows, C.R. *see* Vaughan, I.D. 69172
Burrows, E.C. *see* Dentai, A. 56510
Burrows, J. *see* Peck, J.P. 75861
Burrows, J.P. *see* Chance, K. 67811
Burrows, P.E., Forrest, S.R. Electroluminescence from trap-limited current transport in vacuum deposited organic light emitting devices 50687
Burrows, P.E., Sapochak, L.S., McCarty, D.M., Forrest, S.R., Thompson, M.E. Metal ion dependent luminescence effects in metal tris-quinolate organic heterojunction light emitting devices 56565
Burrows, P.E. *see* Guang-Jye Shiau 79776
Burrows, R.W. *see* Ciszek, T.F. 100614
Burrows, R.W. *see* Ciszek, T.F. 100619
Burrows, R.W. *see* Wang, T.H. 90411
Burrus, C.A. *see* Dentai, A. 56510
Burrus, C.A. *see* Feuer, M.D. 66672
Burrus, C.A. *see* Kim, I. 56764
Burrus, C.A. *see* Lee, J.S. 86369
Burrus, C.A. *see* Tessler, N. 50805
Burrus, C.A. *see* Tsang, W.T. 72855
Burrus, C.S. Teaching filter design using Matlab 70743
Burrus, C.S. *see* Gopinath, R.A. 51534
Burrus, C.S. *see* Gopinath, R.A. 57546
Burrus, C.S. *see* Gopinath, R.A. 80462
Burrus, C.S. *see* Gopinath, R.A. 92410
Burrus, C.S. *see* Selesnick, I.W. 84271
Bursanescu, L., Vasiliu, V. Laser system for high accuracy alignment and positioning 57034
Burse, T.A. *see* Bridger, B., Jr. 90293
Bursik, A. Electrical conductivity of operating media in the water-steam cycle—possibilities and limits of the measuring procedure 78266
Bursik, A. *see* Meierer, M. 89560
Bursky, D. CPLD module packs 50K usable gates, 360 I/O pins 49245
Bursky, D. Innovative flash memories match dram densities 61682
Bursky, D. No-compromise controller combines DSP, data comm 61752
Bursky, D. MPEG silicon puts quality video on PCs 92275
Bursky, D. Smart controllers speed data moves, trim overheads 92339
Burstein, A. *see* Chandrakasan, A. 96891
Burstein, N.M. *see* Gradin, L.P. 78281
Burstein, N.M. *see* Gradin, L.P. 99892
Burstein, N.M. *see* Kueck, J.D. 90321
Burstrom, B., Ericsson, G., Kjellsson, U. Verification of life-cycle cost and reliability for the Swedish high speed train X2000 54633
Bursxtejn, J. The future of mobile communications: Interoperability and/or convergence 97141
Bursztynowski, D. *see* Pioro, M. 85581
Burt, D., Lund, B. Updated OSSs will make the multimedia network fly 58072
Burt, D.J. In-building tricks: How to design an in-building radio system 65582
Burt, G.M., McDonald, J.R., King, A.G., Spiller, J., Brooke, D., Samwell, R. A realtime decision support system for the operation of a 132 kV power network 59754
Burt, G.M., McDonald, J.R., Spiller, J., Brooke, D., Samwell, R. A realtime decision support system for the operation of a 132 kV power network 59813
Burt, W.F. *see* Grosso, P.V. 94246
Burte, E.P. *see* Friedrichs, P. 82126
Burtin, G., Colchester, R.J., Gras, J.J., Jung, R., Vouillot, J.M. Performance and operational experience of the LEP synchrotron light telescopes 76611
Burton, D.J. *see* Schrimpf, R.D. 50069
Burton, D.R. *see* Goodall, A.J.E. 84902
Burton, D.R. *see* Pearson, J.D. 69610
Burton, G. *see* Vook, D. 61908
Burton, P.F. Electronic mail as an academic discussion forum 58091
Burton, R.G., Collier, K.I. Implementing MIL-STD-499B Systems Engineering on a mature program 88936
Burton, R.J. *see* de Jong, M.S. 67078
Burton, R.J. *see* de Jong, M.S. 67079
Burton, R.S., Schlesinger, T.E. Least squares technique for improving three-dimensional dielectric waveguide analysis by the method-of-lines 64193
Burton, R.S., Schlesinger, T.E., Munowitz, M. Improved Y-junction splitter for ring waveguides 63438
Burton, R.S., Schlesinger, T.E., Munowitz, M. An investigation of the modal coupling of simple branching semiconductor ring lasers 63910
Burton, T.L., Roberson, C.A. A process for obtaining integrated engineering design 54450
Burwall, H. *see* Lundberg, D. 65192
Bury, G., Konig, S., Spiegel, H. The Duisburg Nord network coupling and the Kopernikus transformer station taken in service 59838
Buryak, A.V., Akhmediev, N.N. Influence of radiation on soliton dynamics in nonlinear fibre couplers 72341
Buryak, A.V., Kivshar, Y.S. Spatial optical solitons governed by quadratic nonlinearity 94649
Buryak, A.V. *see* Akhmediev, N.N. 56357
Buryak, A.V. *see* Akhmediev, N.N. 83264
Burzese, A.A. *see* McElray, J.L. 78228
Burzin, S.B. *see* Kokin, A.A. 62333
Burzo, E., Pop, V., Borodi, C.C., Ballou, R. Magnetic properties of $R_{n+1}Co_{3n+5}B_{2n}$ compounds with R=Y or Gd 71946
Burzo, E., Pop, V., Plugaru, N. Magnetic properties of $YBa_2(Cu_{1-x}Zn_x)_3O_{7-\delta}$ superconducting materials 72207
Burzynski, R. *see* He, G.S. 82960
Bus, D., Holtzer, G. Silent power for paper mill 69283
Busby, P.A., Whitford, L.A., Blamey, P.J., Richardson, L.M., Clark, G.M. Pitch perception for different modes of stimulation using the cochlear multiple-electrode prosthesis 59414
Busca, R., Nobilio, Z. Heat recovery boiler control in a repowered (with gas-turbine) power station 89674
Busch, G. *see* Dowell, D. 76384
Busch, K., Trapet, E., Waldele, F. Simple monitoring of large coordinate measuring devices. A dismountable test specimen for industrial practice 76191
Busch, M., JingXiang He, Hill, T. Optimal telephone line allocation of voice ads system 74880
Busch, P.A. *see* Greywall, D.S. 55159
Busch-Vishniac, I. *see* Wang, I.-Y.A. 78937
Buschart, R.J., Epperly, R.A., Doughty, R.L., Martiny, W.J. Safe application of totally enclosed motors in hazardous Class I, Division 2 locations 60175
Buschart, R.J., Kuczka, J.H. Key risk factors affecting electrical safety in hazardous (classified) locations 54429
Buscher, D.E. *see* Guyse, C.J. 77118
Buschhorn, G., Kotthaus, R., Kufner, W., Rossl, W., Rzepka, M., Schmidt, K.H., Genz, H., Graf, H.-D., Hoffmann-Stascheck, P., Nething, U., Richter, A., Dix, W.-R., Illing, G., Lohmann, M., Pfluger, J., Reime, B., Schildwachter, L. X-ray polarimetry using the photoeffect in a CCD detector 76859
Buschhorn, G. *see* Lamp, P. 63047
Buschmann, C., Nagel, E. Variation of reflectance signatures of a leaf as indication of physiological activity 77582
Buschmann, H. *see* Binneberg, A. 93965
Buschmeier, M. Restructuring increases economy of SMD assembly 49710
Buschow, K.H.J. Trends in rare earth permanent magnets 72179
Buschow, K.H.J. *see* Brabers, J.H.V.J. 71985
Buschow, K.H.J. *see* Liu, J.P. 72014
Buse, K., Jermann, F., Kratzig, E. Two-step photorefractive hologram recording in $LiNbO_3$:Fe 50971
Buse, K. *see* Jermann, F. 94677
Busehar, A. *see* Apelt, O. 99678
Busenitz, J. *see* Adam, A. 88087
Busenitz, J. *see* Adam, A. 88102
Busenitz, J. *see* Adriani, O. 88023

Buser, R.A., Dommann, A. Accurate microscopic method to investigate the aging of micromachined silicon actuators 68923
Busetto, G. *see* Amidei, D. 98639
Bush, A. *see* Elhakeem, A.K. 60697
Bush, D. MS Disc—a new magneto-optical disc format for audio recording and production 97733
Bush, M. *see* Kimber, D. 84077
Bush, R.W. *see* Harman, W.H. 77203
Bush, R.W. *see* Schultz, H.B. 77204
Bush, R.W. *see* Wyschogrod, D. 77207
Bush, S.A., Fellin, M.A., Heller, T.J., Friedman, M.A. Tri-state's Nucla station: demonstration to commercialization 89600
Bush, T. *see* Wanderer, P. 82422
Bush, T.L., Hayward, D.O., Jones, T.S. The sodium promoted nitridation of Si(100)-2×1 using N_2 molecular beams 62499
Bushehri, E. *see* Jankovic, N.D. 61508
Bushimata, T. *see* Koshiishi, H. 97507
Bushimata, T. *see* Nakajima, H. 58528
Bushman, S.G. *see* Badgwell, T.A. 93553
Bushnell, M.J., Ironmonger, S.N. Application of object oriented techniques in a modular expert system architecture for transmission system monitoring and control 60015
Bushnell, M.L. *see* Cooper, C.L.C. 49388
Bushnell, M.L. *see* Heragu, K. 49390
Bushnell, M.L. *see* Heragu, K. 91992
Bushnell, M.L. *see* Xinghao Chen 70375
Bushnell, S.E. *see* Dorsey, P.C. 50240
Bushnin, Yu.B., Zimin, S.A. The MISS system analog-to-digital converter 76832
Bushuev, V.A., Orudzhaliev, M.N. Structure of the electromagnetic field in uniformly bent ribbon-shaped waveguides for the X-ray range 57178
Bushuyev, A. *see* Arbuzov, V. 67173
Businger, S. *see* Bevis, M. 73356
Businger, S. *see* Rocken, C. 59550
Buskirk, P.C.Van *see* Van Buskirk, P.C.
Busov, B., Jadrny, P., Aubrecht, V., Gross, B., Maloch, J.V. Switching arc diagnostic and CAD 90276
Buss, D. *see* Ganci, P.R. 62710
Busschots, F. *see* Belmans, R. 69126
Busse, L. *see* Engelke, W. 68443
Busse, L.E. *see* Sanghera, J.S. 63372
Busses, F. *see* Darula, M. 56255
Bussey, H., Minzer, S., Mouchtaris, P., Moyer, S.L., Porter, F. EXPANSE software for distributed call and connection control 65439
Bussey, R.G. *see* Campbell, S.R. 78540
Bussey, R.M. *see* Secan, J.A. 73336
Bussiere, A. *see* Baglin, C. 59083
Bussler, M.L., Koehler, T. Algor's Houdini adds eight-node "brick" finite element meshing to CAD solid modellers 79740
Bussmann, M., Langmann, U., Hillery, W.J., Brown, W.W. PRBS generation and error detection above 10 Gb/s using a monolithic Si bipolar IC 52564
Busso, L. *see* Alunni, L. 88010
Busson, P. *see* Badier, J. 87982
Bust, G.S., Cook, J.A., Kronschnabl, G.R., Lott, G.K. Mid-America Computerized Ionospheric Tomography experiment 1993 (MACE-93) 99191
Busta, H., Dallesasse, J., Smith, S., Pogemiller, J., Zimmerman, B., Mathius, R. Light emission from an AlGaAs single-quantum-well heterostructure by electron excitation from a micromachined field emitter source 82806
Busta, H.H., Mika, L.J., Medema, K.E., Mitchell, M.A. Attachment of optoelectronic components to silicon submounts by Nd:YAG laser soldering of indium 92844
Busta, H.H., Pogemiller, J.E., Zimmerman, B.J. Scaling of emission currents and of current fluctuations of gated silicon emitter ensembles 62076
Busta, H.H., Pogemiller, J.E., Zimmerman, B.J. A dual-gate field emitter and its integration into a flat panel display 92881
Busta, H.H., Zimmerman, B.J., Pogemiller, J.E. Current fluctuations of a monocrystalline (100) silicon field emitter 81121
Busta, H.H. *see* Pogemiller, J.E. 62075
Bustamante, P. *see* Briones, L. 99865
Bustamante, P. *see* Yao, Y. 78852
Bustarret, E. *see* Jeanjean, P. 92921
Busto, J. *see* Jorgens, V. 59161
Bustos, P. *see* Barrios, L.J. 66205
Busuioc, M. Distributed cooperative agents for service management in communications networks 65162
Busurin, V.N. *see* Ivanov, V.A. 53938
Busyrev, A.I., Vapnik, B.K., Veremeenko, I.S., Dolgopolov, V.A., Emelyanov, A.I., Zaitsev, M.L., Sadovskii, M.D., Umov, V.A. A multichannel telemetering test set for analysis and diagnostics of the rotating parts of turbines 53854
But, D.A. Synthesis of self-contained electric power systems 99502
Butakov, S.M. *see* Osipov, O.I. 60498
Butcher, J.C. Some orbital test problems 79717
Butcher, K.S.A. *see* Alexiev, D. 49863
Butcher, K.S.A. *see* Alexiev, D. 79772
Butcher, K.S.A. *see* Sumner, T.J. 88038
Butcher, M.J. *see* Thalmann, P. 86161
Butcher, P.N. *see* Qin, G. 49996
Butenko, V.A., Grebenjuk, V.M., Drozdov, V.A., Kurilin, A.S., Levchanovsky, F.V., Lomakin, Yu.F., Prikhodko, V.I., Volodko, A.G. Possibility of using RICH-detectors in a trigger 53317
Buti, T. *see* Shahidi, G.G. 71797
Butka, B.K. A simulation study and comparison of cycloconverter algorithms 54111
Butker, E.K. *see* McGinley, P.H. 88611
Butkovic, Z. Influence of theoretically calculated threshold voltages on NMOS inverter transfer characteristic 93668
Butler, A. Ultrasonic sensors 88886
Butler, A. *see* Dobrowolny, M. 88635
Butler, C. Probes for high precision dimensional measurement 58807
Butler, C., Gregoriou, G. Performance evaluation of a novel non-contact fibre-optic triggering probe for surface-topography measurement 58810
Butler, C., Jones, B.E. Sensors and quality rescue metrology 75941
Butler, C. *see* Yang, Q. 58811
Butler, C.F. *see* Higdon, N.S. 99175
Butler, C.M. *see* Matthis, A.W. 70979
Butler, D.J. *see* Morkel, P.R. 58403
Butler, D.P. *see* Jianglin Wang 92514
Butler, D.P. *see* Sobolewski, R. 56253
Butler, D.P. *see* Win Naing Maung 55381
Butler, D.P. *see* Win Naing Maung 92493
Butler, G. Experimental comparison of algorithms for Sylow subgroups 69713
Butler, G. *see* Delahoy, A.E. 90438
Butler, H. Virtual remote: the centralized expert 96587
Butler, J. Networking microcontrollers with serial ports 85689
Butler, J. *see* Crandell, T. 54415
Butler, J.F., Apotovsky, B., Niemela, A., Sipila, H. Sub-keV resolution detection with $Cd_{1-x}Zn_xTe$ detectors 59236
Butler, J.F., Friesenhahn, S.J., Lingren, C., Apotovsky, B., Simchon, R., Doty, F.P., Ashburn, W.L., Dillon, W. CdZnTe detector arrays for nuclear medicine imaging 98816
Butler, J.L., Moffett, M.B., Rolt, K.D. A finite element method for estimating the effective coupling coefficient of magnetostrictive transducers 59609
Butler, J.L., Rolt, K.D., Tito, F.A. Piezoelectric ceramic mechanical and electrical stress study 99334
Butler, J.L. *see* Sherman, C.H. 88884
Butler, J.T., Sasao, T. Multiple-valued combinational circuits with feedback 55252
Butler, J.T. *see* Dueck, G.W. 55230
Butler, J.T. *see* Sasao, T. 55232
Butler, J.T. *see* Yildirim, C. 49252
Butler, K.L., Momoh, J.A. Robust features selection scheme for fault diagnosis in an electric power distribution system 99680
Butler, K.M. *see* Powell, T.J. 49500
Butler, R.A., Cochrane, P. Bit error analysis for pre-emptive network management 51959
Butler, R.A., Richardson, I.E.G., Riley, M.J. A multi-level video codec for network distribution in the presence of errors 95808
Butler, R.C. *see* Frontera, F. 76828
Butler, R.E. WARC'92 and future considerations 86288
Butler, R.J. *see* Wiley, R.E. 51892
Butler, S.W., Stefani, J. First wafer effect on ellipsometer metrics and spatial etch pattern of polysilicon gate etch 62430
Butler, S.W., Stefani, J., Sullivan, M., Maung, S., Barna, G., Henck, S. Intelligent model-based control system employing in situ ellipsometry 90939
Butler, S.W., Stefani, J.A. Supervisory run-to-run control of polysilicon gate etch using in situ ellipsometry 62441
Butler, S.W. *see* Badgwell, T.A. 93553
Butler, S.W. *see* Maung, S. 62353
Butler, S.W. *see* Sullivan, M. 60914
Butler, S.Watts *see* Watts Butler, S.
Butlin, T. *see* D'Iorio, M.A. 77214
Butorac, J. The traceability in laboratory system for electromagnetic measurements 87400
Butorac, J. *see* Bego, V. 86830
Butrylo, B. *see* Jordan, A.J. 91067
Butrym, A.M., Craft, N., Guise, D., Murdocca, M., Sauer, F. A model for a reconfigurable fine-grained optoelectronic processor 50700
Buts, A.V. *see* Ponomarenko, A.T. 91649
Butscher, B., Hartenthaler, H., Hetzer, D. BALI — Berlin ATM LAN interconnection: An ATM environment with multimedia services 85698
Butscher, B. *see* Hartenhaler, H. 65386
Buttar, C. *see* Beaumont, S.P. 88037
Buttar, C.M., Walker, S., Shankar, K. A charge sensitive preamplifier based on GaAs heterojunction bipolar transistors 67379
Buttar, C.M. *see* Berwick, K. 88151
Buttars, S.K. Parameters of solder paste printing for fine pitch components 92788
Buttazzoni, S. *see* Bonutti, F. 98540
Butterfield, B.P. *see* Pitts, B.L. 61321
Butterfield, J. *see* Rong-Chang Hsieh 52605
Butterfield, P.G. *see* Senior, P. 100361
Butteris, J. *see* Jaffery, T.S. 93975
Butterworth, A. *see* Ciapala, E. 87626
Butterworth, L.W. Architecture of the first US direct broadcast satellite system 75359
Buttgenbach, S. *see* Fabula, T. 66179
Buttgenbach, S. *see* Than, O. 93234
Buttgenbach, S. *see* Wagner, H.-J. 66182
Buttig, H. *see* Einfeld, D. 59217
Buttig, H. *see* Einfeld, D. 66834
Buttino, G. *see* Bordin, G. 72005
Buttler, S.W., Stefani, J. Application of predictor corrector control to polysilicon gate etching 62444
Buttler, W., Cesura, G., Manfredi, P., Re, V., Speziali, V., Vogt, H. A bulk-JFET and CMOS/SIMOX technology for low noise, high speed charge-sensitive amplifier 93648
Buttner, J. *see* Hempel, H. 68196
Butto, M., Moiso, C., Porta, M. Use of an AIP tool to select NTM expansive controls 74763
Button, B.L. *see* Solomonides, I.P. 60792
Button, C. *see* Lullo, G. 82723
Button, C.C. *see* Mottahedeh, R. 72442
Button, C.C. *see* Thirstrup, C. 50580
Button, G. *see* Anderson, B. 69523
Button, M. Busman's guide to I^2C 58189
Button, T.W. *see* Miklich, A.H. 63312
Butts, M.M. *see* Burnett, R.O., Jr. 89019
Butts, R., Weaver, L.D. Airborne laser experiment (ABLEX): theory and simulations 94837
Butts, R. *see* Weaver, L.D. 94838
Buturovic, L.J. Toward Bayes-optimal linear dimension reduction 51600
Butvin, P., Butvinova, B., Novak, J. Using metallic glasses for choke cores 72170
Butvinova, B. *see* Butvin, P. 72170
Butylkina, N.A. *see* Katz, E.A. 62147
Butz, W. *see* Vollmer, E. 86867
Butzberger, J. *see* Murveit, H. 84039
Buur, T. *see* Smye, S.W. 77034
Buurman, P.H.W. *see* Berkelaar, M.R.C.M. 91834
Buus, J. Current status of semiconductor optical amplifiers and their applications 83172
Buus, J. Unstable waveguiding in VCSELs 94507
Buvat, I. *see* Benali, H. 64823
Buvinic, D. *see* Guesalaga, A. 87549
Buvry, M., Krey, C.J. A cooperative and iterative algorithm for segment matching based on neighborhood analysis in stereovision 84865
Buvry, M., Zagrouba, E., Krey, C.J. A rule-based system for region segmentation improvement in stereovision 64671
Bux, O. *see* Kiupel, N. 68438
Buxo, J. *see* Puig Vidal, M. 49176
Buxton, B., Vahldieck, R. Noise and intermodulation distortion reduction in an optical feedforward transmitter 86765
Buxton, B. *see* Sellen, A. 65456
Buxton, W. *see* Gaver, W. 65275
Buyanov, O.V., Chipaux, R., Fyodorov, A.A., Kachanov, V.A., Khodyrev, V.Yu., Korzhik, M.V., Faure, J.L., Peigneux, J.P., Poulet, M., Prokoshkin, Yu.D., Rebourgeard, P., Rykalin, V.V., Shagin, P.M., Semenov, P.A., Singovsky, A.V., Solovianov, V.L. A first electromagnetic calorimeter prototype of $PbWO_4$ crystals 98501
Buyanov, Yu.L. *see* Baev, V.P. 93974
Buydens, L., Demeester, P. Amplitude modulation and beam-steering properties of active binary phase gratings with reconfigurable absorption areas 82710
Buys, A. *see* von Apeldoorn, G. 88116
Buyse, H. *see* Conard, J.-Ph. 90120
Buyse, H. *see* Fu, Y. 90324
Buyse, H. *see* Robyns, B. 90328
Buyse, H. *see* Robyns, B. 100423
Buysse, J. *see* Meesen, G. 88185
Buysse, J. *see* Meesen, G. 98577
Buyukaksoy, A., Bicakci, O., Serbest, A.H. The diffraction of an E-polarized plane wave by a resistive strip located on a dielectric interface 57088
Buyukaksoy, A. *see* Erdogan, E. 83640
Buzasi, J. *see* Ondris, L. 98356
Buzel, G. *see* Kefford, D. 59092
Buzik, L.M., Churilova, S.A. Wave dispersion of open slowdown systems in forbidden areas of the Brillouin diagram 57080
Buznikov, N.A., Pukhov, A.A., Rakhmanov, A.L. Normal zone acceleration: a new model to describe the quench process in superconductors with changing current 82308
Buzuloiu, V. A fast and precise peak finder for the pulses generated by the future HEP detectors 53353
Buzulutskov, A., Breskin, A., Chechik, R., Vartsky, D. Field enhanced response of a CsI photocathode to BaF_2 and $KMgF_3$ scintillation 92906
Buzulutskov, A. *see* Breskin, A. 76003
Buzynin, A.N., Zaikin, P.N., Zolotarev, A.A., Lotov, V.V. Computer simulation and interpretation in spectrometric detection of microstructures 71766
Buzzell, R.D. *see* Mahajan, V. 60811
Buzzeo, J. *see* Khera, D. 62954
Buzzi, J.M. *see* Bourdier, A. 50873

Byalik, O.M., Donii, A.N., Alekseyev, V.Yu. Simulating thermal-noise inductive converters for measuring the temperatures of metals 76239
Byalik, O.M., Donii, A.N., Alekseev, V.Yu. Modelling of thermal-noise inductive transducers for metal temperature measurements 98334
Byars, L. *see* Atkins, M.S. 53416
Byars, L.G. *see* Rajeswaran, S. 59291
Byars, L.G. *see* Townsend, D.W. 98819
Byars, P. *see* Kulkarni, A.D. 96010
Bychkov, E.A. *see* Miloshova, M.S. 66228
Bychkov, Yu., Kostyrya, I., Makarov, M., Suslov, A., Yastremsky, A. Efficient high-homogeneous wide-aperture excimer discharge using a stabilizing low-current predischarge 50746
Bychkov, Yu.I., Ivanov, N.G., Kovalenko, S.E., Losev, V.F., Panchenko, Yu.N., Prokop'ev, V.S. Efficiency of conversion of XeCl laser radiation for SRS in metal vapor and hydrogen gas 63635
Bychkova, L.V., Knyazev, S.T., Nechaev, U.B., Fadeev, A.S. Travelling wave stripline array for the VHF band 73541
Bychkovskii, D.N., Konstantinov, O.V. Theory of the contact field in a metal-semiconductor-superlattice barrier structure 93046
Bychkovskii, R.V., Vigdorovich, V.N., Karimbekov, M.A. Film resistors for electronic instruments 81087
Bychkovskii, R.V., Vigdorovich, V.N., Karimbekov, M.A. Film manometric thermocouple transducer 97892
Byeong Gi Lee *see* Il-Taek Lim 80442
Byeong Gi Lee *see* Seok Chang Kim 51737
Byeong Gi Lee *see* Seok Chang Kim 74652
Byeong Gi Lee *see* Taek Lim 70739
Byeong Gwon Kang, Byong Jin Cho, Keum Chan Whang Performance analysis of DS/SSMA DPSK communication system with diversity and channel coding in mobile radio environment 86109
Byeong Ho Yoon, Kyung Shik Lee Verdet constant measurements and its wavelength dependence in optical materials 76228
Byeong Jang Jeong, Yong Hoon Lee A design method for weighted order statistic filters based on the perceptron algorithm 74396
Byeong Rae Lee *see* Hyun Meen Jung 95994
Byeong Rim Jo, Hee Wook Ahn, Myung Joong Youn Multi-variable sliding mode control of quantum boost SRC 61557
Byeong Rim Jo, Hee Wook Ahn, Myung Joong Youn Optimal output voltage control of quantum series resonant converter using integral sliding mode 90213
Byeong Rim Jo *see* Gun Woo Moon 90212
Byeong Rim Jo *see* Hee Wook Ahn 90666
Byeong Ro Kang, Seok Nam Yoon, Young Ho Cho, Yearn Ik Choi Fabrication and characteristics of Schottky diodes using the SDB (silicon direct bonded) wafer 71587
Byeong-Deok Yea *see* Ho-Sung Cho 70005
Byeong-Seog Choe, Chao, H.J. Fault tolerance of a large-scale multicast output buffered ATM switch 64976
Byeong-Seog Choe, Chao, H.J. Performance analysis of a large-scale multicast output buffered ATM switch 64978
Byeong-Seog Choe *see* Chao, H.J. 75155
Byeong-Soo Seo, Se-Jin Park, Dong-Seok Jeong Halftoning algorithm using Hopfield neural network 74529
Byer, N. *see* Duncan, S.W. 80780
Byer, N.E. *see* Tu, D.-W. 80779
Byer, R.L. *see* Arie, A. 50785
Byer, R.L. *see* Serkland, D.K. 73060
Byerley, L.G., III, Shumaker, L.M. Novel approaches to power continuity using thunderstorm sensing and preventive responses 60011
Byeungwoo Jeon, Landgrebe, D.A. Partially supervised classification with optimal significance testing 77639
Bykadorov, A.A. *see* Plotnikov, V.M. 99974
Bykov, A.A., Kvon, Z.D., Olshanetsky, E.B., Litvin, L.V., Nastaushev, Yu.V., Mansurov, V.G., Migal, V.P., Moschenko, S.P. Mesoscopic photovoltaic effect in a quasiballistic electron interferometer in strong magnetic fields 81326
Bykov, A.A., Kvon, Z.D., Olshanetsey, E.B., Litvin, L.V., Nastaushev, Yu.V., Mansurov, V.G., Migal, V.P., Moschenko, S.P. The interference of edge current states in an electron interferometer 82002
Bykov, A.A., Popov, V.Yu., Sveshnikov, A.G. Application of singular perturbation method for calculating the EM-wave scattering operator on open periodic waveguide structures 94792
Bykov, A.I. *see* Pavlovskii, A.I. 83452
Bykov, K.I., Vasil'ev, S.Z., Maergoiz, I.I., Nosach, G., Polevoi, P.P., Rodionov, V.I. Small combustion chambers 78362
Bykov, Y.V., Zakrevskii, L.A., Yarmolik, V.N. Choice of optimal multiparametric probability distributions of input variables for probabilistic testing of digital circuits 91963
Bykovskaya, L.S. *see* Alifertsev, O.N. 79897
Bykovskii, Yu.A., Dedushenko, K.B., Zverkov, M.V., Katugin, O.V., Likharev, I.G., Konyaev, V.P. Bistability and irreversible mode switching in a C^3 laser 83106
Bykovskii, Yu.A., Dedushenko, K.B., Zverkov, M.V., Likhachev, I.G. Quantum-well C^3 laser 63810
Bykovskiy, S.V., Vanke, V.A. Transverse waves of electron beam in plane-symmetrical fields 51038
Bylkin, B.I. *see* Borisov, N.B. 89495
Bylkin, B.K., Shpitser, V.Ya. Assessment of the effectiveness of the procedure for dismantling nuclear power plant equipment 89542
Bylkin, B.K. *see* Antikain, P.A. 89462
Bylkin, B.K. *see* Bogoyavlenskii, R.G. 89541
Bylsma, B., Durkin, L.S., Larsen, D., Lic, C., Ling, T.Y., Park, S., Rush, C., Sehgal, V., Seidlein, R., Romanowski, T.A. A fast digital cluster finder and processor for high energy physics 59179
Bylsma, R.B., Hobson, W.S., Lopata, J., Zydzik, G.J., Geva, M., Asom, M.T., Pearton, S.J., Thomas, P.M., Bridenbaugh, P.M., Washington, M.A., Roccasecca, D.D., Wilt, D.P. Carbon-doped impurity induced layer disorder 0.98 μm lasers 72804
Byong Jin Cho *see* Byeong Gwon Kang 86109
Byong Su Seol, Dae Hwan Kim, Young gap You Design of data retention test circuit for large capacity DRAMs 92182
Byong-Whi Lee *see* Yung-Joon Hah 53896
Byoung Duk Lim *see* Yang-Hann Kim 95481
Byoung Gon Yu *see* Tae Moon Roh 93450
Byoung Ju Lee, Jae Yeong Kim, Moun Sang Kang, Yong-Seo Koo, Chul An Electrical characteristics of the poly-Si TFT using SPC films after Si ion implantation 71683
Byoung Seob Park *see* Park Byoung Seob
Byoung Tae Chun *see* Jung Soh 64657
Byoung-Chul Shin Computation of hydrostatic piezoelectric coefficients for 1-3 composites by the finite-element method 50126
Byoung-Chul Shin, Miyayama, M., Yanagida, H. Carbon monoxide (CO) gas sensitivity of CuO-infiltrated ZnO ceramics 54992
Byoung-Duk An *see* Ki-Young Song 70849
Byoung-Hwan Kim *see* Ki-Young Song 70849
Byrd, J. Simulation of the ALS longitudinal multibunch feedback system 76502
Byrd, J. Study of coupled-bunch collective effects in the PEP-II B-factory 87924
Byrd, J.M., Corlett, J.N. Study of coupled-bunch collective effects in the ALS 87925
Byrd, J.M. *see* Barry, W. 76435
Byrd, J.M. *see* Corlett, J.N. 87717
Byrne, D., Quinlan, J. Robust function for attaining high reliability at low cost 54449
Byrne, E., McCarthy, O., Lucas, D., Donnellan, B. An overview of analogue optimisation using "AD-OPT" 49091
Byrne, H. *see* Sommer-Larsen, P. 55496
Byrne, J., Hegedus, S., Wang, Y.-D. Photovoltaics as a demand-side management technology: an analysis of peak-shaving and direct load control options 79003
Byrne, J., Young Doo Wang, Nigro, R., Bottenberg, W. Commercial building demand-side management tools: requirements for dispatchable photovoltaic systems 99992
Byrne, J.A. Powering tomorrow's TeleComputer network: a challenge to power system designers 100354
Byrne, P.C. Novel method for the generation of the Gaussian density and distribution functions 54360
Byrne, S. Establishing and administering a public access Internet facility 96729
Byrne, T. *see* Bengtsson, J. 67000
Byrne, W.J. *see* Wang, K. 84043
Byrne, W.J. *see* Young, S.J. 95254
Byrnes, C.I., Lindquist, A., Yishao Zhou On the nonlinear dynamics of fast filtering algorithms 57569
Byrnes, C.I., Lindquist, A., Zhon, Y. On the nonlinear dynamics of fast filtering algorithms 73991
Byrnes, J.S. Quadrature mirror filters, low crest factor arrays, functions achieving optimal uncertainty principle bounds, and complete orthonormal sequences—a unified approach 84336
Byron, K.C. *see* Dyer, P.E. 56368
Byron, K.C. *see* Dyer, P.E. 72300
Byron, K.C. *see* Rourke, H.N. 72345
Byskosh, R.E., Alsammarae, A. Application of power MOSFETs in protective devices for AC power circuits 80085
Bystrov, S.D., Tuan, L., Novikov, S.V., Savel'ev, I.G. Relationship between growth conditions and heterojunction quality in $InP/In_{1-x}Ga_xAs$ selectively doped heterostructures grown by liquid-phase epitaxy 48927
Bystrova, A.A. *see* Sharonov, M.Yu. 83031
Byun, J.W., Lee, T.T. The design and analysis of an ATM multicast switch with adaptive traffic controller 85239
Byun, S.C. *see* Oh, Y.T. 81476
Byun Sung-Hyuk *see* Sung-Hyuk Byun
Byung Chill Woo, Kim, C.G., Ryu, K.S., Park, P.G., Kim, C.S. Compensation of Earth's magnetic field at KRISS nonmagnetic facilities 97769
Byung Chul Kim *see* Seung-Moon Yoo 70533
Byung Chun Jeon, Dae Young Kim A gigabit ATM-LAN protocol for multimedia communications 85849
Byung Deok Yu, Oshiyama, A. Diffusion and dimer exchange in surfactant mediated epitaxial growth 54825
Byung Goo Kong, Dong Ho Cho A study on the improvements of security and quality for analog speech scrambler 73793
Byung Ha Choi *see* Deug Hwan Kim 96802
Byung Ho Choi *see* Woong Chae Kim 53252
Byung Hwan Jun, Seong Hoon Kim, Jai Hie Kim An application of fuzzy decision trees for hierarchical recognition of handwriting symbols 95879
Byung Il Choi, Hyun Soo Nham, Daesung Chi Design, construction and performance test of a reflection type quadrupole beam infrared moisture meter 76275
Byung Jin Cho, Vandenabeele, P., Maex, K. Development of a hexagonal-shaped rapid thermal processor using a vertical tube 81401
Byung Kwen-Song, Ji Woo-Jung, Sun Shin-An Design of high-speed group transport protocol supporting multicast 96235
Byung Kwen-Song, Ji Woo-Jung, Sun Shin-An Implementation and performance analysis of high-speed group transport protocol 96236
Byung Ro Moon *see* Thang Nguyen Bui 91717
Byung Seob Cho, Kae Dal Kwack A novel inserted trench cathode IGBT device with high latching current 81863
Byung Sik Chun, Chang Hoon Choi, Kyung Ho Kim Circuit-level reliability simulation and its applications [MOSFET] 71689
Byung Tae Ahn *see* Jin Won Park 62407
Byung Tae Ahn *see* Jung Woo Park 62225
Byung-Chul Ahn, Koh-Ichi Usami, Kanoh, H., Sugiura, O., Matsumura, M. The effects of post-hydrogenation on amorphous-silicon thin-film transistors 71626
Byung-Doo Choe *see* Seoung-Hwan Park 56768
Byung-Doo Choe *see* Yang, G.M. 71100
Byung-Sub Nam *see* Hye-Keun Oh 71479
Byung-Sun Park *see* Seong-Ju Kim 55839
Byung-Sun Park *see* Yong-Ho Oh 71456
Byung-Tai Kim *see* Dae Sik Kim 72739
Byung-Teak Lee *see* Dong-Keun Kim 70051
Byung-Teak Lee *see* Ju-Heon An 72356
Byung-Teak Lee *see* Seong-Joo Jang 69951
Byung-Uk Lee *see* Gi Hun Lee 86663
Byung-Uk Lee *see* Yong-Gyu Park 86727
Byungsik Yoon *see* Kyongho Han 75123
Byungwhan Kim, May, G.S. An optimal neural network process model for plasma etching 55781
Bzymek, Z.M., Ferullo, D.A. Circuit breaker analysis and design 70231
Bzymek, Z.M., Nolan, K.F. Circuit breaker worker aid expert system 70230

C., J.Garcia *see* Garcia C., J.
Cabarrocas, P.Roca i *see* Roca i Cabarrocas, P.
Cabelli, S.A. *see* Kozlowski, L.J. 52954
Cabelli, S.A. *see* Kozlowski, L.J. 58855
Cabestany, J. *see* Madrenas, J. 49365
Cabestany, J. *see* Moreno, J.M. 61740
Cabeza, R., Carlosena, A., Serrano, L. Unified approach to the implementations of universal active devices 49529
Cabezas, F. *see* Guesalaga, A. 87549
Cabiati, F. Electrical to mechanical power equation by voltage systems: oscillatory solutions 86823
Cabiati, F. *see* Arri, E. 86831
Cabiati, F. *see* Arri, E. 97760
Cabiati, F. *see* Klonz, M. 86898
Cabirol, X. *see* Boulanger, B. 56890
Cable, A.N. *see* Viveash, J.P. 99087
Cable, G.D. *see* Brown, W.D. 65909
Cable, J.S. *see* Song, M. 62838
Cable, J.S. *see* Song, M. 93413
Cabodi, G., Camurati, P., Quer, S. Symbolic traversals of data paths with auxiliary variables 49271
Cabodi, G., Camurati, P., Quer, S. Symbolic exploration of large circuits with enhanced forward/backward traversals 91723
Cabodi, G., Camurati, P., Quer, S. Efficient state space pruning in symbolic backward traversal 92032
Cabon, B. *see* Carbonero, J.L. 66666
Cabon, B. *see* Ladret, D. 61867
Cabon, B. *see* Vu Dinh, T. 80028
Cabot, F., Dedieu, G. Temporal evolution of the bidirectional reflectances: the radiosity approach 77583
Cabot, F., Dedieu, G., Maisongrande, P. Monitoring the AVHRR calibration 77222
Cabot, S. *see* Mizrahi, V. 58396
Cabral, C., Jr. *see* Colgan, E.G. 81575

Cabrasawan, F.J., Lesniak, J., Wesselkamper, T.C. Genetic algorithm techniques for 3-valued transistor design 91795
Cabreira, C.M., Finardi, C.A., de Almeida, A.M. A 174.08 MHz SAW filter for clock recovery systems 80419
Cabrera, B. *see* Nam, S.W. 93948
Cabrera, C.R. *see* Manivannan, A. 71137
Cabrera, I., Althoff, O., Tai Man, Yoon, H.N. A new class of planar-locked polyene dyes for nonlinear optics 50939
Cabrera, J.M. *see* Muller, R. 83363
Cabrera, L.A., Elbuluk, M.E., Zinger, D.S. Learning techniques to train neural networks as a state selector for inverter-fed induction machines using direct torque control 100131
Cabrera, R., Lohrmann, A. Small scale laboratory flow measurements with the ADV-1 99274
Cabrera, S.D., Flores, B.C., Thomas, G., Vega-Pineda, J. Application of one-dimensional adaptive extrapolation to improve resolution in range-Doppler imaging 75565
Cabrera, S.D. *see* Chiouguey Chen 58468
Cabuz, C., Shoji, S., Fukatsu, K., Cabuz, E., Minami, K., Esashi, M. Fabrication and packaging of a resonant infrared sensor integrated in silicon 66338
Cabuz, E. *see* Cabuz, C. 66338
Cacace, A.T. *see* Castracane, J. 76894
Cacaut, D. *see* Dael, A. 88260
Cacciabue, P.C., Cojazzi, G. A human factors methodology for safety assessment based on the DYLAM approach 89488
Cacciari, M., Montanari, G.C., Mazzanti, G., Jacquelin, J. Generalization of the method of maximum likelihood [comment and reply] 61066
Cacciari, M., Montanari, G.C., Tambini, G. Inference life-models of electrical insulating materials by using a Kalman filter 71838
Cacciari, M. *see* Cavallini, A. 67998
Cacciari, M. *see* Cavallini, A. 77884
Cacciato, A. *see* Spinella, C. 79823
Cacciatore, C. *see* Campi, D. 94158
Caceres, J. *see* Guarini, M. 87548
Caceres, R., Iftode, L. The effects of mobility on reliable transport protocols 65069
Cachafeiro, A., Marcellan, F. Orthogonal polynomials of Sobolev type on the unit circle 69824
Cachet, C., Wiart, R., Ivanov, I., Stefanov, Y., Rashkov, S. Mechanism of the reverse dissolution of zinc in the presence of nickel part II: influence of triethylbenzylammonium chloride 78792
Cachet, H. *see* Ba, B. 71259
Cacheux, J. *see* Delaplace, J. 67732
Cacialli, F. *see* Bruschi, P. 66533
Cackovic, D.L., Bollock, R.L. Proposed alternative test procedure for AAR specification M-965-91 with the vibration test unit 53088
Cada, M., He, J., Normandin, R., Dai, H., Janz, S. Optical nonlinear devices 73095
Cada, M. *see* He, J. 72828
Caddemi, A., Cambino, G., Sannino, M. CAD-oriented models of packaged low-noise HEMTs from measured noise and scattering parameters 93498
Caddemi, A., Martines, G., Sannino, M. Statistical modeling of pseudomorphic HEMTs from automated noise and scattering parameter measurements 61934
Cade, N.A. *see* King, R.A. 62050
Caderon, M., Holdener, F., Barletta, W., Petersen, D., Foerster, C. Distributed ion pump testing for PEP-II, asymmetric B-factory collider 87645
Cadien, J. *see* Rieke, M.J. 66414
Cadieu, F.J. *see* Levy, M. 72495
Cadieu, F.J. *see* Navarathna, A. 50196
Cadiou, J.F., Guena, J., Penard, E., Legaud, P., Minot, C., Palmier, J.F., Le Person, H., Harmand, J.E. Direct optical injection locking of 20 GHz superlattice oscillators 92515
Cadiou, J.F. *see* Devaux, F. 82721
Cadogan, D.P., George, A.E., Winkler, E.R. Aircrew helmet design and manufacturing enhancements through the use of advanced technologies 99092
Cadogan, J.M. *see* Bo-Ping Hu 82259
Cadogan, J.M. *see* Fu-Ming Yang 82247
Cadoret, R. *see* Parillaud, O. 54923
Cadorette, J., Rodrigue, S., Lecomte, R. Tuning of avalanche photodiode PET camera 53410
Cadorette, J. *see* Lecomte, R. 59286
Cadorette, J. *see* Lecomte, R. 88411
Cadorette, J. *see* Lecomte, R. 98870
Cadre, J.-P.Le *see* Le Cadre, J.-P.
Cadre, J.P.Le *see* Le Cadre, J.P.
Cadzow, J.A. *see* Wilkes, D.M. 51463
Cadzow, J.A. *see* Yardimci, Y. 84449
Cael, J.-C. *see* Piau, P. 77625
Caelli, T. *see* Pearce, A. 84636
Caf, D., Evans, D.J. A new $\mathcal{UL}$ factorisation of banded Toeplitz and Hankel matrices 69661
Caffaro, M.A.Grado *see* Grado Caffaro, M.A.
Caffaro, M.Grado *see* Grado Caffaro, M.
Cafferty, M.M. *see* Hahn, S.F. 76836
Cafforio, C., Guaragnella, C., Bellifemine, F., Chimienti, A., Picco, R. Motion compensation and multiresolution coding 64833
Caffrey, J. MMDS (wireless cable): an alternative delivery medium for digital terrestrial television 97554
Cafuta, P. *see* Grcar, B. 60504
Cagigal, C. *see* Fontecha, J.L. 51178
Cagigal, M.P., Prieto, P. Autocorrelation central value in clipped photon-counting detection from the moments of the total number of counts 98082
Cagigal, M.P. *see* Prieto, P. 74404
Caglar, H., Alkin, O., Anarim, E., Sankur, B. New efficient shuffled block transform design technique 57385
Caglar, H., Alkin, O., Sankur, B., Anarim, E. Design of M-channel wavelet transform basis 51508
Caglar, H., Gurgen, F., Akansu, A.N. A new PR-QMF design technique with Bernstein polynomial approximation 70758
Caglar, H. *see* Anarim, E. 57852
Caglioti, V. Uncertainty minimization in the localization of polyhedral objects 64589
Cagney, M. EMC test system for automotive electronics 69168
Cahay, M. Superconductor-semiconductor hybrid devices 50425
Cahen, D., Chernyak, L., Gartsman, K., Lyubomirsky, I., Triboulet, R. Room temperature tailoring of electrical properties of ternary and multinary chalcogenide semiconductors 62217
Cahen, D. *see* Chernyak, L. 71733
Cahen, D. *see* Klenk, R. 79919
Cahill, L.W. *see* Deng, G. 95968
Cahill, P.A. *see* Kowalczyk, T.C. 82629
Cahill, P.T. *see* Vullo, T. 59376
Cahill, P.T. *see* Vullo, T. 88364
Cahill, R., Hall, W.J., Martin, R.J. Technologies for millimetric remote sensing antennas 57263
Cahill, R., Parker, E.A. Frequency selective surface design for submillimetric demultiplexing 94977
Cai, B., Seeds, A.J. Optical frequency modulation link for microwave signal transmission 86487
Cai, B., Seeds, A.J., Roberts, J.S. MQW tuned semiconductor lasers with uniform frequency response 50863
Cai, D., Arisawa, T., Asai, N., Ikebe, Y., Itoh, T. Fractal image compression using locally refined partitions 64764
Cai, L., Keil, N. Spanners in graphs of bounded degree 61105
Cai, L. *see* Chen, M. 67340
Cai, L.H. *see* Mao, J.M. 71158
Cai, Q. *see* Bandler, J.W. 92538
Cai, W. *see* Li, X. 83298
Cai, W.Z., Li, Z.S., Ding, X.M., Hou, X.Y., Wang, J., Zhu, C.S., Su, R.Z., Xun Wang Hot wall epitaxial growth of ZnSe on S-passivated GaAs (100) substrate 79851
Cai, W.Z. *see* Li, Z.S. 62496
Cai, X.-C. Multiplicative Schwarz methods for parabolic problems 54732
Cai, X.Y., Kvasnik, F., Blore, R.W. Wafer fault measurement by coherent optical processor 74446
Cai, Y., Bourianoff, G., Cole, B., Meinke, R., Peterson, J., Pilat, E., Stampke, S., Syphers, M., Talman, R. Decoupling schemes for the SSC Collider 66902
Cai, Y., Chen, S.S., Rote, D.M., Coffey, H.T. Vehicle/guideway interaction for high speed vehicles on a flexible guideway 90590
Cai, Y., Song, Y.H. Neural networks in traction power systems 100909
Cai, Y. *see* Clayton, T. 76660
Cai, Y. *see* Hill, R.J. 60577
Cai Anni *see* Anni Cai
Cai Bangwei, Lu Baida, Zhang Bin, Feng Guoying Propagation and transformation properties of axicon optical systems for laser beams 50918
Cai Bin The exploitation of the bases of energy source and their energy transmission in China 78261
Cai Bin Exploitation of southwest energy base and its energy transmission 99631
Cai Chang-Nian *see* Zhang Li-Peng 84175
Cai Chang'an *see* Chang'an Cai
Cai De-fang *see* De-fang Cai
Cai Dejun *see* Wang Wei 85197
Cai Dun-He, Weng Ying-Hong Two new methods of cylindricity error assessment 58973
Cai Fangong *see* Yang Guoshan 88129
Cai Guo-Wei *see* Mu Gang 99430
Cai Hegao *see* Sun Lining 100424
Cai Hong *see* Zhao Shanqi 76106
Cai Jun *see* Jun Cai
Cai Kai-Yuan *see* Kai-Yuan Cai
Cai Li-Dong *see* Li-Dong Cai
Cai Lianhong *see* Lianhong Cai
Cai Lujing *see* Lujing Cai
Cai Ning *see* Ning Cai
Cai Qingzhong *see* Qingzhong Cai
Cai Shengle *see* Man Yongkui 100808
Cai Xu Digital controlled measurement and three dimensional reconstruction of particle tracks in emulsion chamber of CERN/EMU01 experiment 88182
Cai Xuan San *see* Xuan San Cai
Cai Xuejun *see* Xuejun Cai
Cai Yimin, Sun Chengxiu, Gao Zhonglin, Wei Tongli Light-emission mechanism of MIM tunneling diodes 94295
Cai Yimin, Sun Chengxiu, Yu Jianhua Analysis of light-emission spectrum and discussion of negative resistance phenomenon of MIM tunnel junctions 62335
Cai Ying *see* Ying Cai
Cai Yinxiu *see* Yinxiu Cai
Cai Yongming *see* Yongming Cai
Cai Zhenglian *see* Zhenglian Cai
Cai-Cheng Lu, Weng Cho Chew A multilevel algorithm for solving a boundary integral equation of wave scattering 73253
Caicedo, E.F., Martin, J.M., Calderon, L., Freire, T., Ceres, R. Sensorial system for parts identification and robotic assembly 79314
Caidi Zhang *see* Zhang Caidi
Cailleux, H., Le Piouffle, B., Multon, B., Sol, C. Effect of the sampling and of the phase commutation in nonlinear position control of a switched reluctance motor—analysis and compensation 89873
Cailleux, H., Le Piouffle, B., Multon, B., Sol, C. A precise analysis of the phase commutation for the torque nonlinear control of a switched reluctance motor - torque ripples minimization 100082
Cailleux, S. SECRE's contribution to France Telecom FITL networks 52539
Cailliau, R. *see* Berners-Lee, T. 85638
Caillie, B.Van *see* Van Caillie, B.
Caillot, M., Anh Nguyen-Xuan Adults' understanding of electricity 79180
Caillot, M. *(editor)* Learning Electricity and Electronics with Advanced Educational Technology. Proceedings of the NATO Advanced Research Workshop 79134
Caimei Guo *see* Deli Zhang 79626
Caimi, F.M. *see* Chih-Ho Yu 95763
Caiming Qiu *see* Qiu Caiming
Cain, C.A. *see* Seip, R. 98791
Cain, G. *see* Burnik, U. 74295
Cain, G.D., Sun, H.W., Yardim, A. Two new cascade resonator-in-a-loop filter configurations for tracking multiple sinusoids 49548
Cain, G.D., Yardim, A., Morling, R.C.S. All-thru DSP provision, essential for the modern EE 69409
Cain, G.D. *see* Kale, I. 61810
Cain, J., Beker, B. Analysis of microstrip step discontinuities in MICs printed on anisotropic substrates using the method of moments 70924
Cain, J.P., Habash, N., Gibson, J.A. Analysis of military systems using an interactive life cycle costing model 88934
Cain, K.J. *see* Singer, P.A. 94881
Cain, M., Friedman, J., Kamat, P., Sirovica, D. PCS network architectures: a comparative look 85588
Cain, N., O'Neill, M., Nicholls, J.E., Devine, P.E., Langley, A.J., Taday, P. Optical nonlinearities and carrier relaxation in CdTe/CdMnTe multiple quantum wells 83303
Cain, S.L. RF in the home: fixing the weak link 80947
Cain, W.C., Thayamballi, P.K., Vea, M.P. The effects of pole geometry on recording performance of narrow track thin film heads 72156
Caine, C.R. Digital audio routing—a mature technology 97713
Caines, M.J. *see* Root Woods, R. 78803
Caird, A.J. *see* Petrick, N. 98725
Caire, G. *see* Biglieri, E. 57366
Caire, G. *see* Biglieri, E. 86072
Caire, G. *see* Biglieri, E. 95196
Cairns, A.Y. *see* Manos, G.K. 76935
Cairns, G. *see* Key, M.H. 50731
Cairns, G. *see* Tarassenko, L. 49607
Cairns, W.R. *see* Radice, J.T. 66001
Caisheng Chen *see* Shuqun Zhang 72507
Caisheng Chen *see* Shuqun Zhang 72512
Caisheng Chen *see* Chen Caisheng
Caisso, J.-P. *see* Bakowski, P. 55236
Caitao Nie *see* Nie Caitao
Caiti, A., Akal, T., Stoll, R.D. Estimation of shear wave velocity in shallow marine sediments 59569
Caiti, A. *see* Canepa, G. 74259
Caiyem, C. *see* Mrig, L. 90419
Caiyuan Han *see* Han Caiyuan
Caizergues, A. *see* Klonz, M. 86898
Cajal, D. *see* Laurent, A. 90278
Cajben, R. *see* Nastran, J. 55127
Cala, F.R., Winston, A.E. Update on new aqueous based defluxing solution 90953
Cala, M. Process planning in surface mount technology 92762
Calabrese, G. *see* Kimitch, I. 76114
Calabrese, R., Guidi, V., Lenisa, P., Maciga, B., Ciullo, G., Della Mea, G., Egeni, G.P., Lamanna, G., Rigato, V., Rudello, V., Yang, B., Zandolin, S., Tecchio, L. Surface analysis of a GaAs electron source using Rutherford backscattering spectroscopy 76741
Calabrese, R. *see* Aleksandrov, A.V. 87901
Calabri, R., Pulcini, G. Bayes credibility intervals for the left-truncated exponential distribution 79558
Calabria, G. *see* Rolando, M. 76915

Calabria, R., Della Ragione, L., Pulcini, G., Rapone, M. Service dependability of transit systems: a case study 60561
Calafiore, R.L. *see* Allen, R.W., Jr. 62000
Calafiura, P. *see* Fanti, V. 76788
Calame, J.P., Cheng, J., Hogan, B., Lawson, W., Striffler, C.D., Latham, P.E., Irwin, V. Measurements of velocity ratio in a 90 MW gyroklystron electron beam 81156
Calame, J.P., Cheng, J., Latham, P.E., Lawson, W., Hogan, B., Matthews, H.W., Flaherty, M.K.E., Striffler, C.D. Amplification studies of a two-cavity second harmonic gyroklystron with a mixed-mode output cavity 55512
Calame, J.P., Matthews, H.W., Lawson, W., Hogan, B., Lee, M.K.E., Cheng, J., Granatstein, V.L., Reiser, M., Striffler, C.D. Initial operation of a high power, K-band, harmonic gyroklystron for accelerator applications 76376
Calame, J.P. *see* Flaherty, M.K.E. 81149
Calame, J.P. *see* Lawson, W. 76377
Calame, J.P. *see* Matthews, H.W. 92890
Calamia, M., Coccioli, R., Pelosi, G., Manara, G. A hybrid FEM/UTD analysis of the scattering from a cavity-backed aperture in a face of a perfectly conducting wedge 73262
Calatroni, J. *see* Sainz, C. 98332
Calatroni, S. *see* Benvenuti, C. 59028
Calatroni, S. *see* Benvenuti, C. 98478
Calawa, D.R. *see* Brown, E.R. 62659
Calawa, D.R. *see* Turner, G.W. 56771
Calazans, N.L.V. Boolean constrained encoding: a new formulation and a case study 93576
Calcagnile, L., Grimaldi, M.G., Baeri, P. Inhomogeneous pulsed laser melting of high-dose Ge-implanted silicon 81427
Calcagnile, L. *see* Cingolani, R. 72808
Calcott, T.A. *see* Tarrio, C. 67402
Caldecott, R. *see* Kasten, D.G. 68186
Caldeira, P. *see* Rui Liu 86711
Caldeira, P.P.A. *see* Mertens, A. 78727
Caldera, C., Caponio, N., De Bernardi, C., Delpiano, F., Destefanis, G., Morasca, S., Puleo, M., Schiavini, G., Schiattone, F., Stano, A., Legros, E., Billard, M. Semiconductor waveguide directional couplers for coherent receivers 97303
Caldera, P. *see* Tiefenbacher, M. 85953
Calderbank, A.R., Fishburn, P.C. Maximal three-independent subsets of $\{0, 1, 2\}^n$ 54690
Calderbank, A.R., Georghiades, C.N. Synchronizable codes for the optical OPPM channel 95109
Calderbank, A.R. *see* Betts, W. 96896
Calderbank, A.R. *see* Hammons, A.R., Jr. 73694
Caldern, J.C., Tapia, J.M., Corominas, E., Paris, L. Implementation of a SDH STM-N IC for B-ISDN using VHDL based synthesis tools 96787
Calderon, L. *see* Bastos, T.F. 79313
Calderon, L. *see* Bastos, T.F. 88888
Calderon, L. *see* Caicedo, E.F. 79314
Calderwood, J.H., Mognaschi, E.R. Electric field created by a circumferential sinusoidal charge-density wave on the surface of a cylinder 89990
Caldon, R. *see* Turri, R. 53796
Caldwell, B.S. Situational and information constraints affecting communications with 1-1000 second transmission delays 65142
Caldwell, C.I. *see* Tague, J.A. 57619
Caldwell, D.O. *see* Abe, K. 88115
Caldwell, D.O. *see* Antilogus, P. 59064
Caldwell, D.O. *see* Antilogus, P. 59127
Caldwell, D.R. Insuring test quality from a contract manufacture 91096
Caldwell, J.T. *see* Newell, M.R. 98729
Caldwell, R. *see* Danisch, L. 76026
Cale, T.S. *see* Hung Liao 91613
Calero, J., Sou-Pan Wu, Pope, C., Shun Lien Chuang, Murtha, J.P. Theory and experiments on birefringent optical fibers embedded in concrete structures 76056
Caleya, R.Fernandez de *see* Fernandez de Caleya, R.
Calhoun, L.C., Rouleau, C.M., Jeon, M.H., Park, R.M. p-type ZnSe:N grown by molecular beam epitaxy: evidence of nonradiative recombination centers in moderately to heavily doped material 69997
Cali, C. *see* Pace, C. 72978
Cali, J. *see* Jeanjean, P. 92921
Caliendo, C., Saggio, G., Verardi, P., Verona, E. Piezoelectric AlN film for SAW devices applications 93734
Caliendo, C., Verona, E., D'Amico, A., Furlani, A., Iucci, G., Russo, M.V. A new surface acoustic wave humidity sensor based on a polyethynyl-fluorenol membrane 58671
Califano, A., Mohan, R. Multidimensional indexing for recognizing visual shapes 51596
Califano, H.T. Minitact gyroscope—the low cost alternative 67944
Califano, H.T. Minitact gyroscope—the low cost alternative 88900
Calikoghi, F. *see* Zaim, A. 97072
Calil, S.J. The medical equipment acquisition problems in Brazil and most of Latin American countries 76876
Calin, R. *see* Ruth, R.D. 66791
Caliskan, V. *see* Jianping Xu 61544
Caliskan, V. *see* Siri, K. 68791
Calkins, P. *see* Wells, R. 90891
Call, J. *see* Ross, R. 100540
Call, R.W., Pulsipher, D.C. Vector quantization based target cueing 57657
Calla, O.P.N. *see* Sen, A.K. 59547
Callaby, R.D., Lorentz, R.D., Yatsuya, S. Origin of high coercive force in rare-earth-transmission-metal thin film 71981
Callafon, R.A.de *see* de Callafon, R.A.
Callaghan, K.J. *see* Barber, K.W. 89318
Callaghan, P., Parker, E.A. Tuning interactions of cascaded-frequency selective-slot arrays 73548
Callaghan, P.T. *see* Eccles, C.D. 59348
Callahan, D.A., Langdon, A.B., Freidman, A., Haber, I. Longitudinal beam dynamics for heavy ion fusion 67032
Callahan, D.A. *see* Sharp, W.M. 67033
Callahan, M. *see* Bryant, J. 66054
Callahan, M.S. A life cycle inventory and tradeoff analysis vapor degreasing versus aqueous cleaning 79238
Callarotti, R.C. Circuital modeling for cylinders with radial dependent conductivity and permittivity 83431
Callcott, T.A. *see* Haass, M. 88287
Calle, F. *see* Martin, J.M. 55722
Calle, L.N.Lopez de la *see* Lopez de la Calle, L.N.
Callegari, A.C. *see* Ferguson, R.A. 71466
Callegaro, L., Puppin, E., Sattamino, A. Cheap control unit for quartz crystal thin film monitor 71874
Calleja, J.M. *see* Ruiz, A. 54875
Callemyn, J.M., Goumillou, D., Jorand, D., Leblanc, J.P., Leger, C., Mottot, D., Thuy Nam, N., Tibi, G. The ATM node 10000: an ATM multiservice switch node family 75153
Callemyn, J.M. *see* N'dri, D. 57337
Callewaert, L. *see* Gerds, E.J. 80500
Calliari, L. *see* Laidani, N. 70125
Calligarich, E. *see* Benetti, P. 67327
Calligarich, E. *see* Benetti, P. 67328
Calligarich, E. *see* Cennini, P. 67285
Calligarich, E. *see* Cennini, P. 76755
Calligaro, M. *see* Brylinski, C. 70893
Callin, R. *see* Caryotakis, G. 67156
Callin, R. *see* Hoag, H.A. 66816
Callin, R. *see* Vlieks, A.E. 67011
Calloni, A. *see* Nicollini, G. 85954
Calloway, D. *see* Shapiro, G. 76455
Calmant, S. Seamount topography by least-squares inversion of altimetric geoid heights and shipborne profiles of bathymetry and/or gravity anomalies 99160
Calmon, F. *see* Sarrus, F. 100222
Calo, A. *see* Arbique, G. 76524
Calo, S. *see* Bouloutas, A.T. 51974
Caloba, L. *see* Ariztizabal, F. 98518
Caloba, L.P. *see* de Queiroz, A.C.M. 92351
Caloba, L.P. *see* Seixas, J.M. 87644
Caloba, L.P. *see* Seixas, J.M. 98661
Calovic, M.S. *see* Popovic, D.S. 53673
Calster, A.van *see* van Calster, A.
Calton, H.C. Decommissioning progress at Fort St. Vrain 89499
Calton, P. MV XLPE insulated cables—a possible way forward 59963
Calton, T.L. *see* Weitz, R.L. 54662
Caluwaerts, J., Joglekar, S., Westerfield, P. BaseWorX — a common application platform for TMN operations systems 85517
Caluwe, I.De *see* De Caluwe, I.
Calva, P.A. *see* de la Rosa, J. 87414
Calvagno, G., Vangelista, L. On the realization of minimum noise and low noise frequency sampling FIR filters 49565
Calvani, P. *see* Burattini, E. 87745
Calvel, P. *see* Khosropour, P. 71649
Calvel, P. *see* Stassinopoulos, E.G. 71645
Calvert, J., Elkins, J., Howard, D., Hui, M., Kellogg, N., Lindner, A., Richter, R. Operation of new RF drivers for the Bevatron Local Injector 66819
Calvert, J. *see* Celata, C.M. 87832
Calvert, J.D., Tarnay, F.B. Charge capacity and nonuniformity limited performance 66495
Calvert, K.L. *see* Clark, R.J. 65280
Calvert, P.A.J. *see* Morrow, D.J. 60181
Calvert, P.A.J. *see* Morrow, D.J. 60192
Calvet, J.-C., Wigneron, J.-P., Mougin, E., Kerr, Y.H., Brito, J.L.S. Plant water content and temperature of the Amazon forest from satellite microwave radiometry 77700
Calvet, J.-L. *see* Gimenez, J.L. 99509
Calvet, J.D., Treves, S.R., Verbiest, W. Interactive videocommunication evolution 96424
Calvetti, D., Reichel, L. Application of a block modified Chebyshev algorithm to the iterative solution of symmetric linear systems with multiple right hand side vectors 69832
Calvetti, M. *see* Beier, T. 53305
Calvetti, M. *see* Grafstrom, P. 76786
Calvez, J.P., Isidoro, D. A CoDesign experience with the MCSE methodology 85395
Calvez, L.C. *see* Derrien, A. 51520
Calvignac, G., Simoni, N., Znaty, S. DQDB/BISDN interconnection 58225
Calvignac, J., Orsatti, D., Cherbonnier, J., Iliadis, I., Le Boudec, J.-Y. ATM best-effort service and its management in the LAN 85704
Calvignac, J. *see* Sourbs, H. 52184
Calvin, J. *see* Zahirniak, D. 59645
Calvino, J.F., Sanders, T.J. A transfer to industry of design for manufacturing technology 54478
Calvo, F., Plaza, P., Mateos, P. ICM2 IC: A new ATM switching element for 2.48 Gb/s communications 52285
Calvo, M. *see* Mompo, R. 51336
Calvo, O. *see* Sibley, C. 60308
Calway, A.D., Knutsson, H., Wilson, R. Multiresolution estimation of 2-d disparity using a frequency domain approach 84660
Calway, A.D., Wilson, R. Curve extraction in images using a multiresolution framework 57653
Calzona, V., Cimberle, M.R., Ferdeghini, C., Grasso, G., Marre, D., Putti, M., Rizzuto, C., Siri, A.S. Apparatus for thermal diffusivity measurements in an extended temperature range 97972
Cam, R., Leung, C., Lam, C. Performance analysis of some hard-decision combining schemes 95092
Cam Nguyen *see* Schwindt, R. 70848
Camacho, A., Morgan, D.V. Reactive ion etching of GaAs through wafer via holes using Cl_2 and $SiCl_4$ gases: a comprehensive statistical approach 93192
Camacho, J. *see* Hotz, D.F. 75912
Camacho, M.E. *see* Balcazar, M. 88171
Camacho, S.M., Collins, E.R., Jr. A harmonic model of a 2-pulse DC motor drive operating in the continuous current mode 90504
Camacho-Lopez, S. *see* Haro-Poniatowski, E. 64005
Camacho-Penalosa, C. *see* Molina-Fernandez, I. 73401
Camagna, J.R. *see* Yun, L.C. 97165
Camara, L. *see* Samitier, J. 58885
Camarda, P., D'Orazio, A., Nuovo, M.M., Matera, F., Settembre, M. Design of all optical shuffle multihop networks with dedicated and shared channels 52483
Camarda, P., Dello Russo, P., De Robertis, G., Minafra, V., Signore, V. LANs interconnection via ATM: An experimental prototype 96710
Camarero, R. *see* Zhang, X.D. 90289
Camargo, E., Steinberg, R.M. A compact high power amplifier for handy phones 97073
Camargo, E. *see* Hong Keun Lee 80691
Camargo Silva, M.K., Herczfeld, P.R. MMIC based InP/InGaAsP intensity optical modulator 82879
Camargo Silva, M.T. *see* Vieira, A.J.C. 82585
Camas, J., Crockford, G., Fischer, C., Gras, J.J., Jung, R., Koopman, J., Mann, J. High resolution measurements of lepton beam transverse distributions with the LEP wire scanners 76613
Camas, J., Ferioli, G., Jung, R., Mann, J. High sensitivity beam intensity and profile monitors for the SPS extracted beams 76612
Cambanis, S., Masry, E. Wavelet approximation of deterministic and random signals: convergence properties and rates 95428
Cambel, V., Mosko, M. Carrier-carrier scattering in photoexcited quantum wells: inadequacy of the two-particle collision model at low densities 62261
Cambiaggio, E. *see* Staraj, R. 73539
Cambiaghi, M. *see* Arena, V. 53299
Cambino, G. *see* Caddemi, A. 93498
Cambrils, J., Bernhard, J. New SMT line(military): consideration of semi-aqueous vs. aqueous and wastewater discharge equipment design 92809
Cambus, J.P., Nguyena, F., de Graeve, J., Aragon, B., Valdiguie, P. Computer program for connection and data management of an automated coagulation system: the KC 10 87003
Camerini, P. *see* Bonutti, F. 98540
Cameron, A.A. The 24 hour helmet-mounted display 99088
Cameron, A.A., Steward, D.G. The Viper HMD—from design concept to flight test 67683
Cameron, D. *see* Petrovic, R. 65674
Cameron, D.W. *see* Petrovic, R. 97149
Cameron, J.M., Tunstel, E., Nguyen, T., Cooper, B.K. Manipulator control for rover planetary exploration 53494
Cameron, K. *see* Wiseman, D. 70339
Cameron, P. *see* Craw, I. 84670
Cameron, P. *see* Sanders, R.T. 67163
Cameron, P.R., Grau, M.C., Ryan, W.A., Shea, T.J., Sikora, R.E. RHIC beam position monitor assemblies 76495
Cameron, T.P. *see* Saw, J.C.B. 96966
Camesasca, D. *see* Oppo, G.-L. 63941
Camesasca, D. *see* Oppo, G.L. 94626
Camille, R. *see* Deis, G. 87958
Camille, R. *see* Heim, J. 88070
Camille, R.J., Jr. *see* Smith, B.A. 82465
Camilleri, N., Costa, J., Lovelace, D., Ngo, D. Silicon MOSFET technology for wireless communications 80724
Camilleri, N., Kirchgessner, J., Costa, J., Ngo, D., Lovelace, D. Bonding pad models for silicon VLSI technologies and their effects on the noise figure of RF NPNs 82052
Camilleri, N., Kirchgessner, J., Costa, J., Ngo, D., Lovelace, D. Bonding pad models for silicon VLSI technologies and their effects on the noise figure of RF NPNs 93675

Camilleri, N., Lovelace, D., Costa, J., Ngo, D. New development trends for silicon RF device technologies 81417
Camilleri, N. *see* Costa, J.C. 80719
Camilleri, N. *see* Lovelace, D. 62764
Camilleri, N. *see* Lovelace, D. 70921
Camilleri, N. *see* Lovelace, D. 81933
Camilleri, N. *see* Taft, R.C. 70490
Camilo, G.M. Optical fiber complete cumulative flaw distribution 82602
Camin, D.V., Pessina, G., Previtali, E. Improvements in dynamic and 1/f noise performances of GaAs MESFETS at cryogenic temperatures by using a monolithic process 62878
Camin, D.V., Pessina, G., Previtali, E. GaAs MESFETs and monolithic circuits in cryogenic environments 63023
Camin, D.V., Pessina, G., Previtali, E. Dynamic and noise performance of large gate area MESFETs made in a monolithic process 81951
Camin, D.V., Pessina, G., Previtali, E. Dynamic and noise performance of large gate area MESFETs made in a monolithic process 93671
Camin, D.V. *see* Alessandrello, A. 59111
Camin, D.V. *see* Alessandrello, A. 59163
Camin, D.V. *see* Alessandrello, A. 88147
Camin, D.V. *see* Gingrich, D. 53291
Caminal, P. *see* Meste, O. 76989
Camisa, R. *see* Bharj, S. 80627
Camisa, R. *see* Bharj, S. 92587
Cammann, K. *see* Hermes, T. 98154
Cammann, K. *see* Hogg, G. 66229
Cammann, K. *see* Kakerow, R. 66282
Cammann, K. *see* Knoll, M. 58667
Cammann, K. *see* Knoll, M. 66260
Cammann, K. *see* Knoll, M. 97894
Cammann, K. *see* Leonhard, V. 66221
Cammann, K. *see* Meyer, H. 58862
Cammann, K. *see* Reinbold, J. 58901
Cammann, K. *see* Wassmus, O. 66227
Cammann, K. *see* Zuther, F. 66225
Cammann, K. *see* Zuther, F. 66226
Camp, L.J., Sharma, R., Feldman, M.R. Guided-wave and free-space optical interconnects for parallel-processing systems: a comparison 82775
Camp, W.O., van der Spiegel, J. A silicon VLSI optical sensor for pattern recognition 66341
Campa, C., D'Alessandro, P., Rossini, E. A general purpose processing system based on digital signal processors 70674
Campabadal, F. *see* Fonseca, L. 81557
Campagna, P. *see* Rolando, M. 76915
Campagnolo, J.M., Martins, N., Pereira, J.L.R., Lima, L.T.G., Pinto, H.J.C.P., Falcao, D.M. Fast small-signal stability assessment using parallel processing 77844
Campajola, L. *see* Bernini, U. 52878
Campana, D., D'Ettorre Piazzoli, B., Di Sciascio, G. Detection of small size showers by means of an RPC's carpet 53310
Campana, N. *see* Wang, S.-T. 82477
Campanella, L., Battilotti, M., Borraccino, A., Colapicchioni, C., Tomasseti, M., Visco, G. A new ISFET device responsive to anionic detergents 66220
Campanella, W. *see* Neighbors, K.P. 57971
Campanholi, S.M., Cetolo, L.F., Ursini, E.L., Vinhas, A.V., Souza, J.M. Methods for reliability & performance evaluation of Signalling System No.7 85477
Campbell, A. Distributed testing avoiding the domino effect 58024
Campbell, A., Coulson, G., Hutchison, D. A quality of service architecture 65183
Campbell, A., McDonald, P., Gonyea, R., Reeves, M. Results from the CRRES MEP experiment 70464
Campbell, A.C. *see* Moazzami, R. 61737
Campbell, A.C. *see* Moazzami, R. 71890
Campbell, A.M. *see* Rowan, S. 63914
Campbell, B., Ranganathan, R. An experimental and analytical study of a buoyancy driven cooling system for a particle accelerator 67202
Campbell, B. *see* Lam, D.M. 59698
Campbell, B.D. *see* Ong, T.P. 100782
Campbell, C.K. *see* Edmonson, P.J. 61601
Campbell, C.K. *see* Edmonson, P.J. 93826
Campbell, C.Von *see* Von Campbell, C.
Campbell, D. *see* Anghinolfi, F. 53345
Campbell, D. *see* Anghinolfi, F. 88228
Campbell, D. *see* Anghinolfi, F. 98663
Campbell, D. *see* Borer, K. 53347
Campbell, D. *see* Borer, K. 98687
Campbell, D.B. *see* Stacy, N.J.S. 75696
Campbell, D.R. Multi-sensor sub-band adaptive speech enhancement 64353
Campbell, D.S. *see* Stennett, N.A. 61997
Campbell, D.V. *see* Snyder, E.S. 62507
Campbell, G. *see* Chien-Ting Wu 85333
Campbell, G. *see* Kostuk, R.K. 82749
Campbell, G. *see* Mollenauer, J.F. 66059
Campbell, G.M., Hannema, P. DCT 1800—a DECT solution for radio access application 97114
Campbell, H.G. *see* Aslam, M.T. 89033
Campbell, I.H. *see* Tuszewski, M. 62395
Campbell, J. *see* Leathard, A.D. 67576
Campbell, J.C., Li, K.-H., Tsai, C. Luminescence from Si-based structures 63560
Campbell, J.C., Li, K.-H., Tsai, C. Luminescence from Si-based materials and devices 63591
Campbell, J.C. *see* Chandramouli, V. 56551
Campbell, J.C. *see* He, Y.S. 97319
Campbell, J.C. *see* Kun-Hsi Li 56563
Campbell, J.C. *see* Murtaza, S.S. 50906
Campbell, J.C. *see* Murtaza, S.S. 87171
Campbell, J.C. *see* Sarathy, J. 63467
Campbell, J.H., Harris, N.D., Zhang, F., Brown, B.H., Morice, A.H. Clinical applications of electrical impedance tomography in the monitoring of changes in intrathoracic fluid volumes 67585
Campbell, J.M. *see* Somers, M.L. 99287
Campbell, J.P. *see* Jonassen, D.H. 69427
Campbell, L., Purviance, J. Interpolative response modeling for Monte Carlo simulation 91770
Campbell, L.C. *see* Gaworczyk, J. 82136
Campbell, L.J., Boenig, H.J., Rickel, D.G., Rogers, J.D., Schillig, J.B., Sims, J.R., Pernambuco-Wise, P., Schneider-Muntau, H.J., Van Bockstal, L. Design and analysis of high-field quasi-continuous magnets 83552
Campbell, L.J., Crow, J.E., Parkin, D.M., Schneider-Muntau, H.J., Sullivan, N.S. Pulsed field magnets at the US NHMFL 82503
Campbell, L.J. *see* Pernambuco-Wise, P. 83553
Campbell, M., Zheng, R., Ledingham, K.W.D. An investigation into the suitability of all-silica UV fibres for use in pulsed laser analysis techniques 63375
Campbell, M. *see* Anghinolfi, F. 53345
Campbell, M. *see* Anghinolfi, F. 88228
Campbell, M. *see* Badgett, W. 74345
Campbell, M. *see* Borer, K. 53347
Campbell, M. *see* Borer, K. 98687
Campbell, M. *see* Bosisio, L. 59074
Campbell, M. *see* Clark, A. 88763
Campbell, M. *see* Dierickx, B. 67378
Campbell, R.H. Whatever happened to large packets? or Are tiny messages good? 85250
Campbell, R.J., Kashyap, R. The properties and applications of photosensitive germanosilicate fibre 72308
Campbell, R.J. *see* Kashyap, R. 63383
Campbell, R.J. *see* Kashyap, R. 63975
Campbell, R.J. *see* Ouellette, F. 63400
Campbell, R.J. *see* Williams, D.L. 63344
Campbell, R.L., Tarbox, R.A. Testing goes critical path 62934
Campbell, R.W.F. *see* Clayton, R.H. 53439
Campbell, S. *see* He, Q.B. 73043
Campbell, S. *see* Shaomin Zhou 82763
Campbell, S. *see* Weishu Wu 56469
Campbell, S. *see* Yuheng Zhang 94590
Campbell, S.A. *see* Knutson, K.L. 55687
Campbell, S.A. *see* Nachman, R. 81592
Campbell, S.R., Stone, G.C., Sedding, H.G., Klempner, G.S., McDermid, W., Bussey, R.G. Practical on-line partial discharge tests for turbine generators and motors 78540
Campbell, S.R. *see* Stone, G.C. 78572
Campbell, T. *see* Zhe Qu 88290
Campbell, T.G. *see* Bangham, J.A. 84643
Campbell, W.N. *see* Wang, W.J. 73878
Campbell-Wilson, D. *see* Large, M.I. 86637
Campbelli, M. *see* Anghinolfi, F. 98663
Campeanu, A. About the saturation effect in the alternative current machine equations 78543
Campeanu, R.I., McFall, J.D. Colour monitor calibration based on CIE standards 98206
Campeanu, R.I. *see* Kamel, M.S. 84829
Campello de Souza, J. *see* Campello de Souza, R.M. 83934
Campello de Souza, R.M., Campello de Souza, J. Array codes for private-key encryption 83934
Campenhout, J.Van *see* Van Campenhout, J.
Camperi-Ginestet, C. *see* Lacy, W.S. 50701
Campesato, R. *see* Flores, C. 100739
Campet, G. *see* Wen, S.J. 62196
Campetelli, G.N. *see* Ordoqui, E.J. 100395
Campi, D., Coriasso, C., Cacciatore, C., Neitzert, H.-C. Novel concepts in photonic waveguide devices based on quantum well structures 94158
Campi, D., Meliga, M., Pisoni, A. Quantum analog of the effective index approach to analyze arbitrary quantum-wire structures 81298
Campi, J. *see* Shernock, D.M. 62570
Campidelli, Y. *see* Boucaud, P. 70002
Campidelli, Y. *see* Glowacki, F. 91453
Campidelli, Y. *see* Sagnes, I. 75989
Campidelli, Y. *see* Sagnes, I. 97996
Campilho, A.J.C. *see* Silva, J.A. 84871
Campillo, A.J. *see* Justus, B.L. 56880
Campisi, G.J., Thompson, P., Anc, M., Cordts, B., Ioannou, D.E. A SiGe strain layer for gettering Fe in SIMOX 93455
Campisi, G.J. *see* Cristoloveanu, S. 71641
Campisi, G.J. *see* Zaleski, A. 93477
Campisi, I.E., Summers, L.K., Branson, B.H., Johnson, A.M., Betto, A. The design and production of the higher-order-mode loads for CEBAF 67171
Campman, K.L. *see* Allen, S.J. 71163
Campmany, J. *see* Bertran, E. 79909
Campoccia, A. *see* Augugliaro, A. 99684
Campodonico, S. Bayes analysis of survival times and reliability data: a software package 54596
Campoli, B. *see* Brylinski, C. 70893
Campolo, M. *see* Morabito, F.C. 51019
Camporesi, T. Prototype of a new lead-scintillating tile calorimeter: design and test beam results 59081
Campos, A., Joos, G., Ziogas, P.D., Lindsay, J.F. Analysis and design of a series voltage unbalance compensator based on a three-phase VSI operating with unbalanced switching functions 78007
Campos, A.L.S. *see* Rezek, A.J.J. 100121
Campos, G.L.de *see* de Campos, G.L.
Campos, J., Kasparis, T. Classification of periodic patterns using Hough transform 84858
Campos, J. *see* Ahouzi, E. 74320
Campos, J. *see* Garcia, J. 51547
Campos, J. *see* Garcia, J. 57878
Campos, J. *see* Kober, V. 63542
Campos, J. *see* Montes-Usategui, M. 57664
Campos, J. *see* Ocampo, M. 61332
Campos, J. *see* Turon, F. 51548
Campos, M.L.R.de *see* de Campos, M.L.R.
Campos, T. *see* Ahouzi, E. 84933
Campos Cruz, L.J.de *see* de Campos Cruz, L.J.
Camposano, R. *see* Eikerling, H.-J. 92167
Camposano, R. *see* Wilberg, J. 84334
Camposano, R. *see* Wilberg, J. 95706
Campovecchio, M., Le Bras, B., Lajugie, M., Obregon, J. Optimum design of distributed power-FET amplifiers. Application to a 2-18 GHz MMIC module exhibiting improved power performances 80795
Camps, C. *see* Adam, A. 88087
Camps, C. *see* Adam, A. 88102
Camps, C. *see* Adriani, O. 88023
Camps, O.I., Shapiro, L.G., Haralick, R.M. A probabilistic matching algorithm for computer vision 57702
Camps, O.I. *see* Pathak, A. 96016
Camps, O.I. *see* Robertson, D. 59702
Campus, A. The evolution of polyolefin compounds for medium voltage cable applications 59961
Camurati, P., Corno, F., Meo, M., Prinetto, P. A new functional fault model for system-level descriptions 49232
Camurati, P., Corno, F., Prinetto, P., Bayol, C., Soulas, B. System-level modeling and verification: a comprehensive design methodology 49093
Camurati, P., Prinetto, P., Sonza Reorda, M., Barbagallo, S., Burri, A., Medina, D. An industrial experience in the built-in self test of embedded RAMs 49445
Camurati, P. *see* Cabodi, G. 49271
Camurati, P. *see* Cabodi, G. 91723
Camurati, P. *see* Cabodi, G. 92032
Can, M., Pulat, E. Cooling of electronic systems by impinging air jets 79416
Can Zhao *see* Zhao Can
Canaday, J.D. *see* Ahmad, A. 56144
Canales, F., Abud, D., Arau, J. A two stage, 1 kW AC/DC pre-regulator with power factor correction, for a distributed power supply system 100363
Canali, C., Capasso, F., Malik, R., Neviani, A., Pavan, P., Tedesco, C., Zanoni, E. Measurement of the electron ionization coefficient at low electric fields in GaAs-based heterojunction bipolar transistors 81827
Canali, C. *see* Bacchetta, N. 76768
Canali, C. *see* Nava, F. 98507
Canali, C. *see* Tedesco, C. 93328
Canali, C. *see* Zanoni, E. 62186
Canali, C. *see* Zanoni, E. 62725
Canali, M. *see* Baccaglioni, G. 72272
Canarelli, L. *see* Andreone, D. 86848
Canaris, J. *see* Maki, G. 54388
Canaris, J. *see* Wiseman, D. 70339
Canas, A.J. *see* Ford, K.M. 76955
Canavero, F. *see* Labate, D. 64511
Canavero, F. *see* Maio, I. 51151
Canavero, F. *see* Vecchi, G. 83420
Cancellieri, G., Chiaraluce, F., Gambi, E. Effects of EDFA construction parameters on soliton propagation in long-distance transmission systems 86341
Cancelo, J.C. *see* Sandoval, F. 97764
Cancelosi, J.R., Kushner, J.R. Thermal ratings of cable insulation and clarifying tests 78128
Candeas, B.G., Gould, D.Z. Implementing a new PCA cleaning solvent 92754
Candela, G.T. *see* Wilson, C.L. 84782
Candelario, T. *see* Jennings, C. 99991
Candell, L., Shultz, J. Novel design for RF power meter 98276
Candurra, M. *see* Behrens, J. 89828
Candy, J.V., Jones, H.E. Processing of prosthetic heart valve sounds for classification 77068
Candy, J.V., Sullivan, E.J. Sound-velocity estimation: a system theoretic approach 99252
Cane, C., Lozano, M., Gracia, I., Santander, J., Lora-Tamayo, E. An easy technique for determining diffusion and generation-recombination components of the current of pn junctions for better modelling 55614
Cane, C. *see* Fonseca, L. 81557
Cane, C. *see* Lozano, M. 55849
Cane, C. *see* Merlos, A. 87084
Cane, C. *see* Santander, J. 62310
Cane, M.A. *see* Burger, G. 59532
Caneau, C. *see* Adesida, I. 58796
Caneau, C. *see* Agarwala, S. 55789

Caneau, C. *see* Agarwala, S. 55825
Caneau, C. *see* Ballegeer, D.G. 56044
Caneau, C. *see* Bhat, R. 71603
Caneau, C. *see* Chough, K.B. 56039
Caneau, C. *see* Chough, K.B. 93503
Caneau, C. *see* Chung-En Zah 72838
Caneau, C. *see* Grundmann, M. 56809
Caneau, C. *see* Maslar, J.E. 71094
Caneau, C. *see* Oe, K. 50858
Caneau, C. *see* Song, J.-I. 49968
Caneau, C. *see* Soole, J.B.D. 52553
Caneau, C. *see* Soole, J.B.D. 97284
Caneau, C. *see* Zah, C.E. 97283
Canelhas, A., Bengtsson, B.A., Margaard, T., Strandem, A., Alvinsson, R. Power HV circuit breakers with severe capacitive switching duty 68901
Canelhas, A. *see* Nielsen, T.G. 53733
Canepa, G., Morabito, M., De Rossi, D., Caiti, A., Parisini, T. Shape estimation with tactile sensors: a radial basis functions approach 74259
Caner, M., Krumbein, A.D., Saphier, D., Shapira, M. The CORSYS neutronics code system 53891
Caneschi, G. The application of the concession to the provision of public services 54405
Canestrari, P., Rivera, G., Lietti, C. 'On wafer' measurement of mask-induced overlay error 81706
Canestrelli, P. *see* Bona, B. 93811
Caneve, L. *see* Scaglione, S. 72983
Canfield, J. *see* McLean, I.S. 66427
Canfield, K.G., Jones, D.L. Implementing time-frequency representations for non-Cohen classes 95550
Canfield, L.R. *see* Vest, R.E. 88289
Cang Tran *see* Pham, D. 92287
Cangellaris, A.C., Pinello, W. Dispersion analysis of multiconductor waveguiding systems using point-matched time domain finite elements 73435
Cangellaris, A.C. *see* Senthinathan, R. 79350
Cangellaris, A.C. *see* Spring, C.T. 51186
Cangellaris, A.C. *see* Wright, D.B. 83597
Cangellaris, A.C. *see* Yuh-Sheng Tsuei 91036
Cangpu Wu *see* Wu Cangpu
Canic, S. *see* Zdenkovic, J. 69061
Caniga, V. *see* Baronak, I. 52281
Canillas, A. *see* Bertran, E. 79909
Canize, A. *see* Dammel, R.R. 81658
Cannalte, G. Digital cellular opportunities in the Pacific region 86217
Cannards, P.J. *see* Brown, P.D. 79830
Cannata, M. *see* Annunziato, M. 88425
CannCasciato, D. OCLC Internet access: a report on PRISM access via the Internet 96613
Canne, B.De *see* De Canne, B.
Cannell, G.J. *see* Grant, M.F. 72368
Cannell, G.J. *see* St. Ville, L.J. 97300
Cannella, V., Lambie, M. Manufacturing considerations for cockpit AMLCDs 72481
Canner, J.P. *see* Helms, B.E. 80905
Canner, J.P. *see* Helms, B.E. 80932
Canneyt, M.Van *see* Van Canneyt, M.
Canniff, R.J. *see* Hornbach, B.H. 58259
Canning, F.X. Fast integral equation solutions using geometrical-theory-of-diffraction-like matrices 83598
Canning, J. A minimum description length model for recognizing objects with variable appearances (The VAPOR model) 95721
Canning, J., Sceats, M.G. Spatial distribution of 650-nm luminescence in UV-processed germanosilicate preforms 72325
Canning, J., Sceats, M.G. π-phase-shifted periodic distributed structures in optical fibres by UV post-processing 72346
Cannizzaro, G., Polimeni, S. Complex control systems: an implementation for a cogeneration plant 68412
Cannon, D.J. Experiments with a target-threshold control theory model for deriving Fitts' law parameters for human-machine systems 74900
Cannon, J.E. *see* Mahoney, A.R. 100723
Cannon, J.E. *see* Quintana, M.A. 100719
Cannon, J.F. *see* Ingalls, R.P. 58532
Cannon, M.E., Lachapelle, G., Qiu, W., Frodge, S.L., Remondi, B. Performance analysis of a narrow correlator spacing receiver for precise static GPS positioning 65731
Cannon, M.E. *see* Lu, G. 65967
Cannon, M.E. *see* Lu, G. 97183
Cannon, M.E. *see* Shi, J. 65978
Cannon, M.E. *see* Tiemeyer, B. 65971
Cannon, M.F. *see* Kelsall, G.J. 78452
Cannon, P.S., Weitzen, J.A., Ostergaard, J., Rasmussen, J.E. Meteor burst and other long distance high latitude propagation modes in the low VHF band 94811
Cannon, P.S. *see* Akram, A. 97220
Cannon, P.S. *see* Arthur, P.C. 99174
Cannon, P.S. *see* Platt, I.G. 97019
Cannon, P.S. *see* Shukla, A. 97021
Cannon, P.S. *see* Shukla, A.K. 75382
Cannon, R.M. *see* Yet-Ming Chiang 70937
Cannon, T.W., Hulstrom, R., Trudell, D.T. New instrumentation for measuring spectral effects during outdoor and indoor PV device testing 100715
Cannon, T.W. *see* Myers, D.R. 90416
Canny, J.F. *see* Manocha, D. 69836
Cano, F. *see* Mehta, A. 54509
Canon, E., Lenczner, M. Modeling of active materials systems including electronic devices using asymptotic methods 93782
Canora, F.J. *see* Cohen, M.S. 83043
Canora, F.J. *see* Cohen, M.S. 97364
Canova, A. *see* Bertotti, G. 63252
Canright, R.E., Jr., Robrish, P. Comments on "an analytic algorithm for unbalanced stripline impedance"[and reply] 83775
Cantalapiedra, I.R. *see* Bonilla, L.L. 62156
Cantalini, C., Faccio, M., Ferri, G., Pelino, M. The influence of water vapour on carbon monoxide sensitivity of α-Fe_2O_3 microporous ceramic sensors 66537
Cantalini, C. *see* Pelino, M. 97950
Cantalloube, H.M.J., Nahum, C.E. An original numerical method for autonomous navigation 77182
Cantalloube, H.M.J. *see* Nahum, C.E. 73929
Cantanzaro, B., Ma, J., Fainman, Y., Lee, S.H. Wavelength-multiplexed reconfigurable interconnect using a volume holographic lens array 83387
Cantao, M.P., Lourenco, A., Gorenstein, A., Cordoba de Torresi, S.I., Torresi, R.M. Inorganic oxide solid state electrochromic devices 82725
Cantell, B.S., Ramirez, J.G. Robust design of a polysilicon deposition process using split-plot analysis 48994
Canter, K.F., Dharmavaram, V., Smirnov, A.G., Wesley, S.A., Wong, K.H., Xie, R., Brandes, G.R., Mills, A.P., Jr. Brandeis second generation positron reemission microscope 81161
Canton, B. *see* Barrelet, E. 67352
Canton, D. *see* Gingrich, D. 53291
Cantoni, P., Frabetti, P.L., Magnani, A., Stagni, L., Brazzelli, C., Diaferia, R., Dodokhov, V., Gandini, A., Kulinitch, P., Bianco, L.G., Parmeggiano, S., Maggi, B., Palombo, F., Sala, A., Lanni, F., Manfredi, P.F., Re, V., Speziali, V. Particle identification in a LKr ionization chamber by the dE/dx method 53306
Cantoni, P. *see* Aulchenko, V.M. 67341
Cantwell, G. *see* Boone, J.L. 48897
Cantwell, G. *see* Eason, D.B. 72622
Cantwell, G. *see* Ren, J. 56569
Cantwell, K. The Stanford Synchrotron Radiation Laboratory—20 years of synchrotron light 88272
Canva, M. *see* Brunel, M. 63965
Canva, M. *see* Larrue, D. 72711
Canzian da Silva, N., Dietzsch, O. Modeling mini-orange electron spectrometers 67397
Cao, H.L. *see* Feng, Y.J. 94033
Cao, J. *see* Chunsheng Ma 94137
Cao, L. *see* Zhao, Y. 56276
Cao, L.K. *see* Anderson, G.P. 67513
Cao, M., Li, H., Jun, A., Luo, F., Jun, X., Wu, L., Gao, M. The matrix analysis for an optical free-space switching network and an optical crossover network with four-function interchange nodes 75517
Cao, M. *see* Ai, J. 82871
Cao, M. *see* Ai, J. 82872
Cao, Q.R. *see* Chen, D.G. 90290
Cao, R. *see* Green, A.M. 93203
Cao, S., Rhinehart, R.R. On-line optimization of stop-etch time 62431
Cao, W. *see* Zhang, Q.M. 56112
Cao, W.L. *see* Lai, Y.S. 70899
Cao, W.L. *see* Lai, Y.S. 100787
Cao, X., Shrikhande, N., Hu, G. Approximate orthogonal distance regression method for fitting quadric surfaces to range data 84598
Cao, X.-R., Gong, W.-B., Wardi, Y. Ill-conditioned performance functions of queueing systems 61076
Cao, X.D., Meyerhofer, D.D. Nonlinear birefringence of optical fibers 63364
Cao, X.G., Tagg, A.G. Sharing user-network interfaces between networked multimedia applications 65158
Cao, X.G. *see* Chia, L.T. 52241
Cao, Z.J., Tsui, B.M.W. A practical reconstruction algorithm for multifocal cone beam SPECT 59293
Cao Bicheng *see* Yuan Shifu 56499
Cao Da *see* Da Cao
Cao Dexin *see* Liu Huizhen 98719
Cao Genrui *see* Genrui Cao
Cao Guochen Fast calculation of short circuits on transmission line with zero-sequence mutual coupling in power system with variable structure and parameters 53754
Cao Huimei *see* Huimei Cao
Cao Jiang A swept six-port reflectometer with real-time response at Ka band 98289
Cao Jiangtao, Zhou Minbao, Li Yongdong, Shao Jianwen A DSP-based full digital implementation of direct torque control of induction motor 100115
Cao Juncheng, Wei Tongli, Zheng Jiang, Wu Jin A bifurcation analysis and simulation of pnpn semiconductor devices 81759
Cao Juncheng, Zheng Jiang, Wei Tongli A modified Cummel method for semiconductor device simulation 71565
Cao Juncheng, Zheng Jiang, Wei Tongli Prior-estimation of depletion region in modeling termination structure of high reverse voltage devices 81787
Cao Juncheng, Zheng Jiang, Wei Tongli, Huang Liuxing A modified iteration algorithm for semiconductor device simulation 62627
Cao Li *see* Li Cao
Cao Li Yu *see* Li Yu Cao
Cao Liping *see* Wang Jianmin 99876
Cao Longjian *see* Longjian Cao
Cao Min *see* Min Cao
Cao Mingcui *see* Ai Jun 56498
Cao Mingcui *see* Ai Jun 91682
Cao Mingcui *see* Luo Fengguang 56500
Cao Mingcui *see* Mingcui Cao
Cao Mino *see* Mino Cao
Cao Qinghong *see* Qinghong Cao
Cao Wenwu *see* Wenwu Cao
Cao Xianguo *see* Zeng Xiaojun 98953
Cao Yansheng, Lin Riming Calculating short-circuit faults in unbalanced three-phrase power system with computer 77983
Cao Ye *see* Ye Cao
Cao Yijia, Jiang Lin, Cheng Shijie, Chen Deshu Nonlinear excitation control of power system based on inaccurate model 53695
Cao Yijia, Zhao Songli, Cheng Shijie, Chen Deshu Studies of voltage stability of power system 89053
Cao Yijia *see* Zhao Songli 99541
Cao Yijia *see* Yijia Cao
Cao Yiting A 3 mm wide band mixer 92557
Cao Yuchang *see* Yuchang Cao
Cao Yuming *see* Yuming Cao
Cao Zhidao *see* Zhidao Cao
Cao Zong Jian *see* Zong Jian Cao
Caolai He *see* He Caolai
Caon, A. *see* Brambilla, L. 99105
Caon, A. *see* Flores, C. 100739
Caon, A. *see* Svelto, F. 100451
Caorsi, S., Fernandes, P., Raffetto, M. On the effect of the spurious modes in deterministic problems 70831
Caorsi, S., Gragnani, G.L., Medicina, S., Pastorino, M., Zunino, G. Microwave imaging based on a Markov random field model 51584
Caorsi, S., Gragnani, G.L., Pastorino, M. Redundant electromagnetic data for microwave imaging of three-dimensional dielectric objects 73276
Caorsi, S., Massa, A., Pastorino, M. Bistatic scattering width evaluation for nonlinear isotropic infinite circular cylinders 94789
Caorsi, S., Massa, A., Raffetto, M. Hybrid finite-element numerical approach to the solution of electromagnetic scattering problem 73272
Caorsi, S., Perasso, A. Aperture antennas analysis by a numerical integral formation solution 57218
Capaccio, P.E. *see* Wilk, L.F. 92772
Capano, M.A., Walck, S.D., Murray, P.T., Dempsey, D., Grant, J.T. Pulsed laser deposition of silicon carbide at room temperature 61398
Capasso, A., Grattieri, W., Lamedica, R., Prudenzi, A. A bottom-up approach to residential load modeling 77845
Capasso, C. *see* Waldo, W.G. 81590
Capasso, C. *see* Waldo, W.G. 81594
Capasso, F., Sirtori, C., Cho, A.Y. Coupled quantum well semiconductors with giant electric field tunable nonlinear optical properties in the infrared 73028
Capasso, F. *see* Canali, C. 81827
Capasso, F. *see* Faist, J. 50869
Capasso, F. *see* Faist, J. 56799
Capasso, S. Log amplifier scales 100-dB dynamic range 91905
Capdevila, J.M. *see* Jongen, Y. 59011
Capeans, M. *see* Bouclier, R. 67348
Capece, P. *see* Piovano, B. 80150
Capehart, B.L. *see* Mahoney, J.F. 77899
Capell, M. *see* Ahlen, S. 98641
Capell, W.J., Zabounidis, C., Talukdar, K. Pitch and yaw effects on very wide swath multibeam sonars 77331
Capella, R.M. *see* Speier, P. 83173
Capellaro, C. *see* Baum-Waidner, B. 96514
Capelle, A.R.Van de *see* Van de Capelle, A.R.
Capelli, A. *see* Alasia, F. 66728
Capewell, D.R. *see* Menna, R.J. 69949
Capezzuto, P. *see* Bruno, G. 54902
Capezzuto, P. *see* Bruno, G. 55777
Capilla, P. *see* Artigas, J.M. 98219
Capineri, L., Rocchi, S., Mazzinghi, P., Rineri, M., Masotti, L. A model for designing an electrical network to increase the speed of pyroelectric sensors 66185
Capista, D. *see* Wu, G. 76471
Capitain, J.-J. *see* Bate, J.-M. 82488
Capitelli, M. *see* Colonna, G. 72669
Capizzi, M. *see* Emiliani, V. 62237
Capjack, C.E. *see* Yelden, E.F. 82913
Caplin, A.D. *see* Dou, S.X. 63301
Capmany, J. Amplified double recirculating delay line using a 3×3 coupler 72338
Capmany, J., Cascon, J. Discrete-time photonic signal processors using optical amplifiers 52506

Capmany, J., Laming, R.I., Payne, D.N. A novel highly selective and tunable optical bandpass filter using a fiber grating and a fiber Fabry-Perot 72552
Capmany, J. *see* Marti, J. 97232
Capobianco, A.D., Costantini, B., De Angelis, C., Nalesso, G.F. Two-dimensional Hamiltonian description of nonlinear optical waveguides 50515
Capobianco, A.D. *see* Aceves, A.B. 72375
Capocelli, R.M., De Santis, A., Persiano, G. Binary prefix codes ending in a "1" 95126
Capocelli, R.M., Gargano, L., Vaccaro, U. A fast algorithm for the unique decipherability of multivalued encodings 95170
Capolino, G.A. *see* Bassily, E. 90516
Capolla, N., Beauregard, A., Lavoie, J.-M., Brousseau, N. Holographic quarterwave plates in photoresist 57002
Capolla, N., Beauregard, A., Vincent, D. Holographic notch filters recorded on DCG-coated glass and polycarbonate substrates 57015
Capon, J. *see* Vaitkus, J. 82801
Capon, J. *see* van Calster, A. 93427
Capon, J. *see* Van Calster, A. 98203
Capone, A. *see* Buontempo, S. 53296
Capone, A. *see* Buontempo, S. 98502
Capone, D.W., II *see* Kovachev, V.T. 93971
Capone, W.D., II *see* Wanderer, P. 82422
Caponero, M.A., De Angelis, A., Filetti, V.R., Gammella, S. Structural analysis of an aircraft turbine blade prototype by use of holographic interferometry 73157
Caponio, N., Svelto, C. A simple angular alignment technique for a polarization-maintaining-fiber 72323
Caponio, N. *see* Caldera, C. 97303
Caponio, N. *see* Zhou, J. 50941
Caporaso, C. *see* Yu, S. 67027
Caporaso, G.J., Barnard, J.J. Analysis of beam loading in electrostatic columns 67028
Caporaso, G.J. *see* Bardnard, J.J. 67052
Capote, M.A., Todd, M., Gandhi, P., Carr, C., Walters, W., Viajar, H. Multilayer printed circuits from revolutionary transient liquid phase inks 92800
Cappe, O. Elimination of the musical noise phenomenon with the Ephraim and Malah noise suppressor 51471
Cappe, O. Enhancement of musical signals degraded by background noise, using long-term behavior of the short-term spectral components 75798
Cappelli, M.A., Loh, M.H. In-situ mass sampling during supersonic arcjet synthesis of diamond 70084
Cappellini, G., Decina, M., Fratta, L., Musumeci, L. SMDS variable rate access in ATM networks 74640
Cappellini, V., Coiro, S., Roveri, A. Applications for a high speed data communications network 65144
Cappellini, V. *see* Alparone, L. 57771
Cappellini, V. *see* Alparone, L. 74277
Cappellini, V. *see* Argenti, F. 57783
Cappellini, V. *see* Barni, M. 73998
Cappellini, V. *see* Bartolini, F. 57799
Cappellini, V. *(editor)* Time-Varying Image Processing and Moving Object Recognition, 3. Proceedings of the 4th International Workshop 48581
Cappetta, L. *see* Barbara, P. 50403
Cappi, R., Garoby, R., Hancock, S., Martini, M., Riunaud, J.P. Measurement and reduction of transverse emittance blow-up induced by space charge effects 87885
Capps, C.D. *see* Adams, J.C. 56552
Cappuccio, G. *see* Burattini, E. 87745
Cappy, A. *see* Bollaert, S. 93493
Cappy, A. *see* Danneville, F. 55404
Cappy, A. *see* Win, P. 61958
Cappy, A. *see* Win, P. 71731
Caprino, G., Teti, R. Quantitative acoustic emission for fracture behavior of center-hole GFRP laminates 91676
Capsalis, C.N. *see* Barbastathis, G.S. 63981
Capson, D.W. *see* Gaiarsa, A.E. 87527
Capstick, M.H. Simple fast synthesis method for microstrip lowpass filters 80583
Capua, E.Di *see* Di Capua, E.
Capurro, M., Tassini, E. Broadband services experimentation in the Florence MAN field trial 85705
Caputa, K. *see* Anderson, J.M. 98262
Caputo, D., de Cesare, G., Irrera, F., Palma, F., Tucci, M. Characterization of intrinsic a-Si:H in p-i-n devices by capacitance measurements: theory and experiments 92989
Caputo, D., De Cesare, G., Rossi, M.C. Monitoring of a-Si:H p-i-n light induced degradation by low temperature AC conductance 100701
Caputo, D., Irrera, F., Palma, F., Tucci, M. Monitoring of photodegradation and recovery of a-Si : H p-i-n solar cells by capacitance measurements 60474
Carabatos-Nedelec, C. *see* Handerek, J. 56125
Carabelli, S., Greco, C. Autotuning control of a precision balance for mass and density measurements 98320
Caracino, P. *see* Fabbricatore, P. 82476
Caragheorgheopol, G. *see* Lazarovici, D. 59231
Caragianis, C., Shigesato, Y., Paine, D.C. Low temperature passivation of $Si_{1-x}Ge_x$ alloys by dry high pressure oxidation 93186
Caramia, P., Carpinelli, G., Gagliardi, F., Verde, P. Analysis and design of a combined system of shunt passive and active filters 49522
Caramia, P., Carpinelli, G., Rossi, F., Verde, P. Probabilistic iterative harmonic analysis of power systems 77806
Carande, R.E. Estimating ocean coherence time using dual-baseline interferometric synthetic aperture radar 77544
Caranbac, S., Coutures, J.-L. Comparative evolution of various CCD image sensors hardening techniques with ionizing radiation 76063
Caranzano, M. *see* Lavagetto, F. 98992
Carapella, G. *see* Barbara, P. 50403
Carassa, F. Spacing of lumped amplifiers in soliton transmission 64205
Carati, G. *see* Palz, W. 99821
Carayannis, G., Xiaodong Shi Evaluating metal cleanliness using DSP technology 75863
Carayannis, G. *see* Glaros, N. 74185
Carazo-Alvarez, J., Haake, S.J., Patterson, E.A. Completely automated photoelastic fringe analysis 91666
Carbaugh, E.H. *see* Selby, J. 99009
Carbonara, J., Lynch, M., Hunt, M., Bishop, E., Brazil, J. The transformer gas analyzer: a practical expert system for the diagnosis of operational faults in electrical transformers 68698
Carbonara, J., Lynch, M., Hunt, M., Brazil, J. The transformer gas analyzer: a practical expert system for the diagnosis of operational faults in electrical transformers 78681
Carbonara, J. *see* Gibson, G. 68146
Carbone, A., Mazzetti, P. Current noise in barrier photoconducting devices. I. Theory 50675
Carbone, A., Mazzetti, P. Current noise in barrier photoconducting devices. II. Experiment 50676
Carbone, J. *see* Wentink, R. 88301
Carbone, J. *see* Zarnowski, J. 66475
Carbone, P., Narduzzi, C., Petri, D. Dither signal effects on the resolution of nonlinear quantizers 75889
Carbone, P., Petri, D. Effect of additive dither on the resolution of ideal quantizers 66165
Carbone, R.E. *see* Wen-Chau Lee 99205
Carbonero, J.L., Joly, R., Morin, G., Cabon, B. On-wafer high-frequency measurement improvements 66666
Carboni, M. *see* Farilla, A. 52772
Carbonne, D. *see* Lopez, J.M. 57295
Carbonneaux, M. *see* Delacenserie, M. 53883
Carcagno, D., Suslenschi, P. ALCIDE - the Alcatel C31 development and execution platform 77771
Carchon, R., Allek, M. Neutron coincidence detection system for the characterization of radioactive samples 88072
Card, H. Analog circuits for relaxation networks 49603
Card, H.C. *see* Dolenko, B.K. 55362
Cardama, A. *see* Rius, J.M. 73454
Cardama, A. *see* Romeu, J. 73500
Cardarelli, R. *see* Chang, Y.H. 98645
Cardarelli, R. *see* Mirabelli, G. 62952
Cardarelli, R. *see* Moers, T. 67364
Cardeira, C.B., Mammeri, Z., Simonot, F., Thomesse, J.-P. Scheduling tasks and traffic in fieldbus based real-time systems 58207
Cardelli, E., Gimignani, M., Raugi, M. Numerical modelling of 3-D coupled electromagnetic and heating diffusion problems 83507
Cardelli, E. *see* Azzerboni, B. 83432
Cardelli, E. *see* Bottauscio, O. 54140
Carden, F., Ross, M.D., Kopp, B.T., Osborne, W.P. Fast TCM decoding: phase quantization and integer weighting 51357
Cardenas-Garcia, J.F., Zheng, S., Shen, F.Z. Implementation and use of an automated projection moire experimental set-up 87537
Cardiasmenos, A.G. *see* Masarweh, S.K. 80740
Cardillo, J., Sid-Ahmed, M.A. An image processing system for locating craniofacial landmarks 76895
Cardin, D.J. *see* Page, H. 56867
Cardin, R., Normandin, Y., Millien, E. Inter-word coarticulation modeling and MMIE training for improved connected digit recognition 84020
Cardin, R. *see* Normandin, Y. 51393
Cardinal, J.-S., Ghannouchi, F.M. A new adaptive double envelope feedback (ADEF) linearizer for mobile radio power amplifiers 97074
Cardinal, P.G. An expert system for computer generation of cable, conduit and tray schedules for industrial power and control systems 69292
Cardinali, R., Hunt, D. Growth and implications of network systems: technological and legislative issues 74964
Cardini, A., Cavasinni, V., Di Girolamo, B., Flaminio, V., Golovkin, S.V., Gorin, A.M., Kulichenko, A.V., Kushnirenko, A.E., Pyshev, A.I., Manuilov, I., Vasilchenko, V.G. Comparison of plastic scintillating fibres and capillaries filled with liquid scintillator 67354
Cardito, M., Di Massa, G., Galluccio, F., Losito, R., Masullo, M.R., Vaccaro, V.G. Transverse beam impedance measurement. A new coaxial method 76449
Cardman, L.S. *see* Dolfini, S.M. 76854
Cardman, L.S. *see* Mandeville, J.B. 76855
Cardman, L.S. *see* Sereno, N.S. 87902
Cardon, F. *see* van Meirhaeghe, R.L. 71414
Cardona, A., Klapka, I., Geradin, M. Design of a new finite element programming environment 69903
Cardona, M., Satake, T., Tsujii, S. An algebraic model for computing the maximum throughput of pipelined protocol processors 85343
Cardona, M., Satake, T., Tsujii, S. Throughput analysis of pipelined protocol processors 96218
Cardone, A., Di Biagio, S., Franchina, L., Marietti, P., Ciccarella, G. A statistical model for expected message delay evaluation of a real-time LAN 85320
Cardone, F. *see* Huang, J.W. 79795
Cardone, F. *see* Sadana, D.K. 62845
Cardoso, J.-F., Moulines, E. Minimum constrast estimation with applications to array processing 84467
Cardoso, J.R. FEM modelling of grounded systems with unbounded approach 89349
Cardoso, L.P. *see* Gama, S. 50216
Cardoso Fo., B.J. *see* Castanheira, R.C. 100304
Cardoso Fo., B.J. *see* Castanheira, R.C. 100306
Cardot, F., Gobet, J., Bogdanski, M., Rudolf, F. Fabrication of a magnetic transducer composed of a high-density array of microelectromagnets with on-chip electronics 63217
Cardu, M., Atanasiu, V. Results of the international cooperation in the thermopower equipment achievement field 89590
Cardu, M., Cazacu, C. Essentials of the ICPET-SA experience to use bituminous shales in order to produce power 53941
Cardu, M. *see* Artino, A. 53942
Carecchio, P. *see* Adam, W. 88114
Carelli, G., Di Siena, A., Ioli, N., Moretti, A., Moruzzi, G., Strumia, F. Assignments of methanol laser lines by frequency measurements and Fourier transform spectroscopy 56604
Carelli, G., Ioli, N., Moretti, A., Moruzzi, G., Strumia, F., Zhao, S., Lees, R.M., Goulding, R.R.J. $CH_3{}^{18}OH$: FIR laser line frequency measurements and assignments 82933
Carelli, G., Ioli, N., Moretti, A., Pereira, D., Strumia, F. Frequency measurements of far infrared laser lines by means of MIM point contact diodes 83235
Carenco, A. *see* Bruckner, H.J. 72905
Carenco, A. *see* Ghirardi, F. 50573
Carenco, A. *see* Ghirardi, F. 86321
Carenco, A. *see* Mersali, B. 94143
Caress, R.W. *see* Garner, S.E. 98574
Caress, R.W. *see* MacArthur, D.W. 59113
Carewska, M. *see* Giorgi, L. 60433
Carey, D.C. The appearance of beam lines 66852
Carey, G.F. *see* Barragy, E. 54796
Carey, G.F. *see* Joubert, W.D. 79722
Carey, J.R. *see* Aid, N. 80354
Carey, K. *see* Yang, L. 55693
Carey, M.J. *see* Franklin, M.J. 58153
Carey, M.T. *see* Jaeger, R.C. 97983
Carey, P.G. *see* Luning, S. 62152
Carey, R., Gago-Sandoval, P.A., Newman, D.M., Thomas, B.W.J. Magnetic and magneto-optic properties of ordered barium ferrite films produced by rapid thermal annealing 50254
Carey, R., Jenniches, H., Newman, D.M., Thomas, B.W.J. Compositional dependence of the structural and magnetic properties of PtMnSb films 72123
Carey, R., Newman, D.M., Snelling, J.P., Thomas, B.W.J. Optical and magneto-optical constants of Pr substituted TbFeCo films 71997
Carey, R. *see* Arrington, K. 88112
Carey, R. *see* Arrington, K. 98564
Carey, R. *see* Brown, D. 59084
Carey, R. *see* Young, K.G. 76765
Cargill, D. *see* Lee, D. 80618
Cargnello, F. *see* Abrami, A. 98715
Carhart, G.W., Draayer, B.F., Giles, M.K. Optical pattern recognition using Bayesian classification 51676
Carhart, G.W. *see* Draayer, B.F. 57663
Carhoun, D.O. Signal subspace projection methods of adaptive sensor array processing 97469
Caria, M. *see* Adam, A. 88087
Caria, M. *see* Adam, A. 88102
Caria, M. *see* Adriani, O. 88023
Caricchi, F., Crescimbini, F., Lipo, T.A. Converter topology with load-neutral modulation for trapezoidal-EMF PM motor drives 60523
Caricchi, F., Crescimbini, F., Noia, G., Pirolo, D. Experimental study of a bidirectional DC-DC converter for the DC link voltage control and the regenerative braking in PM motor drives devoted to electrical vehicles 69141
Caricchi, F. *see* Boschi, A. 54109
Carillon, A. *see* Jamelot, G. 50729
Carillon, A. *see* Rus, B. 50724
Carim, A.H. *see* Trolier-McKinstry, S. 82110
Carin, L., Felsen, L.B. Wave-oriented data processing for frequency- and time-domain scattering by nonuniform truncated arrays 64559
Carin, L. *see* Kralj, D. 58958
Carin, L. *see* McClure, M. 95641

Carin, L. *see* Rahman, A. 51241
Carin, L. *see* Sullivan, A. 73299
Cariolaro, G., Tognetti, D., Vannucchi, G. A new architecture for orthogonally multiplexed QAM systems 83921
Cariolaro, G. *see* Benvenuto, N. 84551
Cariou, J. *see* Perennou, A. 77508
Carithers, W.C. *see* Amidei, D. 98639
Carius, S. *see* Gustafsson, L. 88231
Carius, S. *see* Gustafsson, L. 98671
Carl, J.R., Arndt, G.D., Bourgoise, B.A., Paz, I. Space-borne radar detection of orbital debris 88845
Carl, S., Grossmann, C. Boundary value problems with discontinuities and monotone discretization 91343
Carla, M., Gambi, C.M.C., Giri, M.G., Pieraccini, L., Senatra, D., Chittofrati, A., Sanguineti, A. Dielectric behavior of highly conducting perfluoropolyether water-in-oil microemulsions 82102
Carlberg, C., Bergstrom, I., Borgenstrand, H., Rouleau, G., Schuch, R., Soderberg, F., Beck, D., Bollen, G., Emmes, J., Jertz, R., Kluge, H.-J., Schark, E., Schwarz, S., Schwarz, T., Schweikhard, L., Senne, P. SMILETRAP—a wide range high precision mass spectrometer 88261
Carlden, H. *see* Kerzar, B. 86527
Carle, A. *see* Bischof, C. 69857
Carle, G. Reliable group communication in ATM networks 85312
Carle, G., Rothig, J. BISDN adaptation layer and logical link control with resource reservation for a flexible transport system 52206
Carle, P. *see* Abrahamsson, K. 76307
Carlen, C.R., Palmer, S., Zhang, J., Sponsler, M.B. Liquid crystalline monomers as switchable holographic recording media 94684
Carlen, C.R. *see* Zhang, J. 57013
Carles, A.G. SRLOG, the simultaneous standardization of $^{90}Sr+^{90}Y+^{89}Sr$ mixtures 76853
Carles, R. *see* Puech, P. 81232
Carlet, C., Seberry, J., Xian-Mo Zhang Comments on "Generating and counting binary Bent sequences" 73718
Carleton, D.L. B-2 automatic test equipment 59502
Carletta, J., Papachristou, C. Structural constraints for circular self-test paths 49374
Carley, L.R. *see* Jaekyun Moon 95366
Carley, L.R. *see* Mukherjee, T. 91839
Carley, L.R. *see* Ochotta, E.S. 91785
Carley, L.R. *see* Stanisic, B.R. 49574
Carlile, R.N., O'Hanlon, J.F., Hong, L.M., Garrity, M.P., Collins, S.M. Contamination particle traps due to a cone, cube and disk 71395
Carlile, R.N. *see* Collins, S.M. 93218
Carlin, D.B., Tsunoda, Y. Diode lasers for mass market applications: optical recording and printing 50987
Carlin, J.-F. *see* Araujo, D. 79869
Carlin, J.-F. *see* Debba, N. 75985
Carlin, J.F. *see* Sallese, J.M. 71168
Carlin, R.E., Jr. *see* Benimoff, N.I. 85556
Carlin, R.T., De Long, H.C., Fuller, J., Trulove, P.C. Dual intercalating molten electrolyte batteries 78789
Carlini, R. *see* Yan, C. 73240
Carlini, R. *see* Yan, C. 76444
Carlisle, C.B. *see* Riris, H. 94705
Carlisle, C.J., Taylor, D.P., Shafi, M., Kennedy, W.K. Performance bounds for trellis-coded modulation on time-dispersive channels 83967
Carlisle, L. *see* Liska, B. 76303
Carlnas, T. *see* Couceiro, I.B. 94084
Carlo, A.Di *see* Di Carlo, A.
Carlos, R.C., Massey, R.S. The Los Alamos beacon receiver array 77418
Carlosena, A. *see* Cabeza, R. 49529
Carlotti, G., Fioretto, D., Palmieri, L., Socino, G., Anisimkin, V.I., Kotelyanskii, I.M. Elastic properties of SnO_2 films 93742
Carlotto, M.J. Nonlinear mapping algorithm and applications for multidimensional data analysis 67490
Carlsen, U. Generating formal cryptographic protocol specifications 57983
Carlsen, U. Using logics to detect implementation-dependent flaws [cryptographic protocol design] 65052
Carlsen, U. Cryptographic protocol flaws: know your enemy 74693
Carlsmith, D. *see* Demortier, L. 59090
Carlson, A.L. Cost and siting implications of siting power generation facilities near glass 1 areas 78378
Carlson, B., Chamberlain, J. Coax: the ideal broadband medium for the last mile 52298
Carlson, C. *see* Langhorne, C. 77945
Carlson, D.W. *see* Mahalanobis, A. 74359
Carlson, D.W. *see* Vijaya Kumar, B.V.K. 94236
Carlson, F.M. *see* Larson, D.J., Jr. 91419
Carlson, G.E. Doppler frequency history characteristics for azimuth traveling waves 67874
Carlson, J. *see* Minemura, T. 98849
Carlson, J.W. *see* Funk, D.S. 94424
Carlson, L.W. *see* Vos, M.J. 50286
Carlson, N.A. *see* Kelley, R.T. 67963
Carlson, N.C. *see* Margo, V.A. 77761
Carlson, P., Francke, T., Lofgren, S., Weber, N., Suffert, M. Results from beam tests of the CAPRICE RICH detector 98532
Carlson, P., Francke, T., Weber, N., Suffert, M. A RICH counter for identifying antimatter and light isotopes in the cosmic radiation 88068
Carlson, P., Francke, T., Weber, N., Suffert, M. A RICH counter for identifying antimatter and light isotopes in the cosmic radiation 98556
Carlson, P. *see* Alippi, C. 53346
Carlson, P. *see* Alippi, C. 67381
Carlson, P. *see* Dell'Acqua, A. 87955
Carlson, P. *see* Dell'Acqua, A. 98680
Carlson, R. Recognition of flexible objects 57915
Carlson, R. *see* Sadowski, N. 68572
Carlson, R.L., George, M.J., Hughes, T.P., Welch, D.R. Generation and focusing of high energy, 35-kA electron beams for pulsed-diode radiographic machines: theory and experiment 67019
Carlson, R.T. Intersatellite optical crosslink testbed for 300/650 Mbps 58391
Carlsson, A. A DSP real-time kernel for fast digital control using LabVIEW for user interaction 70648
Carlsson, A. *see* Alakula, M. 100114
Carlsson, C. *see* Mizeraczyk, J. 72684
Carlsson, C.A. *see* Lund, E. 88594
Carlsson, G.A. *see* Sandborg, M. 53400
Carlsson, G.Alm *see* Alm Carlsson, G.
Carlsson, J. *see* Svanberg, S. 50784
Carlsson, J.-O. *see* Fredriksson, E. 54973
Carlsson, L., Asplund, G., Bjorklund, H., Stomberg, H. Recent and future trends in HVDC converter station design 59907
Carlsson, O. Anti-jamming performance of frequency adaptive HF systems 96984
Carlsson, P.E., Edholm, P.R. Finding and synthesizing a lost projection 59316
Carlsson, S. The double algebra: an effective tool for computing invariants in computer vision 74614
Carlsten, B. *see* Fazio, M. 76844
Carlsten, B.E. *see* Russell, S.J. 76623
Carlsten, B.E. *see* Stringfield, R.M. 71045
Carlsten, J.L. *see* Wessel, J.G. 94322
Carlsten, R. *see* Hsiu, L. 100213
Carlton-Wippern, K.C. An introductory analysis of satellite collision probabilities 67667
Carman, E. *see* Rodwell, M.J.W. 72643
Carman, G. *see* Murphy, K.A. 91667
Carman, G.P., Mitrovic, M. Health monitoring techniques for composite materials employing thermal parameters and fiber optic sensors 91668
Carman, G.P. *see* Case, S.W. 66383
Carman, R.J., Brown, D.J.W., Piper, J.A. A self-consistent model for the discharge kinetics in a high-repetition-rate copper-vapor laser 82914
Carmel, O., Holcman, I., Levy, R., Zilberstein, E. New directions in process control 79457
Carmel, Y. *see* Main, W. 70867
Carmel, Y. *see* Miller, S.M. 62116
Carmichael, L. GLUE, an industry/education/government partnership 54392
Carmo, L.R.d.C., Courtiat, J.-P., de Saqui-Sannes, P. Towards multimedia communication services 96438
Carmo, R.L.R. *see* Juanole, G. 74698
Carmona, R. *see* Espejo, S. 98014
Carn, N. *see* Assis-Arantes, P. 97186
Carnahan, R.E., Maldonado, M.A., Martin, K.P., Higgins, R.J., van der Wagt, J.P.A., Harris, J.S., Jr. Observation of resonant tunneling through localized continuum states in electron wave interference diodes 55865
Carnahan, R.E., Martin, K.P., Higgins, R.J., Park, B.G., Wolak, E., Lear, K.L., Harris, J.S., Jr. Γ-X intervalley tunnelling in a GaAs/AlAs resonant tunnelling diode under uniaxial stress 62263
Carnal, C.L. *see* Lind, R.F. 53082
Carnebrink, T. *see* Larsson, S.A. 59361
Carnegie, D.W. *see* Kim, S.H. 76348
Carneiro, S., Jr., Marti, J.R., Dommel, H.W., Barros, H.M. An efficient procedure for the implementation of corona models in electromagnetic transients programs 68178
Carnera, A. *see* Franzo, G. 50686
Carnera, A. *see* Galvagno, G. 81430
Carnero, A., Kubiak, J.A., Mendez, R. Analysis of improved and original designs of a 16 inch long penultimate stage turbine blade 89639
Carnescia, V., Nozza, G. Electrical installations in domestic and commercial buildings 68219
Carnevale, E. *see* De Lucia, M. 60103
Carney, A.J. *see* Watson, E.A. 94568
Carney, P.S. *see* Tucker, J.R. 71738
Carney, R. *see* Brawn, I. 98678
Carney, R.E. *see* Brawn, I.P. 98657
Carnicer, A., Vallmitjana, S., Juvells, I., Moneo, J.R. de F. Controlled-intensity detection peaks in a binary joint transform correlator 57666
Carnicer, A. *see* Juvells, I. 95726
Carnicer, J.M., Dahmen, W. Characterization of local strict convexity preserving interpolation methods by C^1 functions 54741
Carnicer, J.M., Pena, J.M. Least supported bases and local linear independence 54724
Carnimeo, L. *see* Brucoli, M. 89085
Carnoy, M. The new global economy, information technology and restructuring education 69460
Carns, T.K., Chun, S.K., Tanner, M.O., Wang, K.L., Kamins, T.I., Turner, J.E., Lie, D.Y.C., Nicolet, M.-A., Wilson, R.G. Hole mobility measurements in heavily doped $Si_{1-x}Ge_x$ strained layers 71138
Carns, T.K., Zheng, X., Wang, K.L., Wu, S.L., Wang, S.J. Boron delta doping in Si and SiGe and its application toward field-effect transistor devices 55729
Carns, T.K. *see* Lie, D.Y.C. 49793
Carns, T.K. *see* Liu, W.S. 54917
Carns, T.K. *see* Wang, S.J. 62875
Caro Martinez, J.M. Peltier cells for thermoelectric refrigeration 60629
Carolan, F.G. *see* Morrow, D.J. 60181
Carolan, J.F. *see* Ma, Q.Y. 72203
Carolan, T.A. *see* Hand, D.P. 87224
Carolan, T.A. *see* Hand, D.P. 87516
Carolan, W. Layered approach eases B-ISDN testing 75069
Caroli, E. *see* Dusi, W. 88041
Caroli, J.A. *see* Born, F.H. 54617
Caroli, L. *see* Forster, E.O. 63090
Carolis, G.De *see* De Carolis, G.
Caron, B. *see* Fiallos, E. 86662
Caron, B. *see* Yiyan Wu 52701
Caron, B. *see* Yiyan Wu 58588
Caron, B. *see* Yiyan Wu 97652
Caron, M., Akyel, C., Ghannouchi, F.M. High power microwave impedance measurements system suitable for in-situ thermo-dielectric material characterisation 98284
Caron, M. *see* Akyel, C. 76175
Carones, G. *see* Zuccala, A. 52511
Carosella, C. *see* Guan, D. 49627
Carosi, M. *see* Gilardi, C. 52354
Carosi, M. *see* Gilardi, C. 97212
Carothers, A. *see* Poole, I. 59371
Carothers, J.D. *see* Kusnadi 69750
Carotta, M.C. *see* Martinelli, G. 66571
Caroubalos, C. *see* Paschos, V. 63792
Carpenter, D.A. A queuing model for multi-user teleprocessing system line speed decisions 52196
Carpenter, D.A., Robinson, D.E., Ho, P.L., Martin, D.C.C., Isaacs, P. Body wall aberration correction in medical ultrasonic images using synthetic-aperture data 98786
Carpenter, G.C. *see* Chen, D.Y. 93361
Carpenter, G.F. *see* Stone, D.H. 54214
Carpenter, G.L. *see* van Hove, J.M. 55728
Carpenter, G.L. *see* Van Hove, J.M. 91519
Carpenter, J. *see* Cho, Y. 87949
Carpenter, L.A. *see* Fiallo, H.H. 73461
Carpenter, M.K., Verbrugge, M.W. Electrochemical codeposition of indium and antimony from a chloroindate molten salt 91559
Carpenter, R.B. *see* Lanzoni, J.A. 89440
Carpenter, R.B., Jr. Lightning strike protection for transmission/distribution systems 68282
Carpenter, R.B., Jr., Marsh, L., Auer, R.L. A lightning prevention system for industrial applications 53815
Carpenter, R.W. *see* Chiou, H.-D. 71263
Carpenter, R.W. *see* Cody, J.G. 56751
Carpenter, T.A. *see* Doran, S.J. 76235
Carpentier, J. Metrology in prospect 86812
Carpentier, J.F., Pribetich, P., Kennis, P. Quasi-static analysis of skewed transmission lines for MMIC applications 70926
Carpentier, J.L., Di Bono, P.J., Tournebise, P.J. Improved efficient bounding method for DC contingency analysis using reciprocity properties 59976
Carpentier, R. *see* Bedja, I. 63549
Carpentieri, B., Storer, J.A. Split-merge video displacement estimation 64880
Carpentieri, B., Storer, J.A. Split-merge displacement estimated video compression 84872
Carpignano, A., Poucet, A. Computer assisted fault tree construction: a review of methods and concerns 61052
Carpinella, R. *see* Werness, S.A. 59600
Carpinelli, G., Gagliardi, F., Russo, M., Villacci, D. Generalised convertor models for iterative harmonic analysis in power systems 99413
Carpinelli, G. *see* Caramia, P. 49522
Carpinelli, G. *see* Caramia, P. 77806
Carpinelli, J.D., Yavuz Oruc, A. Applications of matching and edge-coloring algorithms to routing in Clos networks 96287
Carpintero del Barrio, G., Acedo Gallardo, P., Abella Garcia, A., Garcia Ares, E., Lamela Rivera, H. Influence of parasitic effects in the frequency response of high-speed semiconductor optical sources 50802
Carpio, R.A., Bhat, S. Use of an electrochemical sensor for controlling the etching of silicon dioxide films in aqueous HF processing baths 62429
Carr, A. *see* Pavlou, G. 96502
Carr, A.D., Parsons, N.J., Aitken, A.J.S. Electro-optically addressed digitiser for 16 GS/sec waveform capture 52783
Carr, B.P. An introduction to thick film fine line printing screens 81091
Carr, C. *see* Capote, M.A. 92800
Carr, G.L., Tanner, D.B., Etemad, S., Inam, A. Thin YBCO films as fast infrared detectors:

model calculations and experiment results 66350
Carr, J.M. Site earthing and hot-site classification 53803
Carr, J.P. *see* Tranquilla, J.M. 75686
Carr, J.S. *see* Greene, T.P. 58789
Carr, K.L. Microwave heating of physiologic fluids 67433
Carr, K.R. *see* Hofmann, M. 68318
Carr, L.S., Syrzycki, M.J. A/D signal conversion in current domain for a visual-to-thermal converter 92312
Carr, L.S. *see* Chapman, G.H. 87361
Carr, L.W. *see* Riris, H. 94705
Carr, N. *see* Williams, P.J. 86418
Carr, P., Tapp, F., Heyns, M. RTP characterization using in-situ gas analysis 62342
Carr, R. Planar helical undulator sources of circularly polarized X-rays 67217
Carr, R. *see* Lidia, S. 87739
Carr, S.Fries *see* Fries Carr, S.
Carr, W. Interfacing engineering analysis with automated mapping 78020
Carr, W. *see* Anandan, M. 52989
Carr, W.F., Jr. *see* Singh, S.K. 90055
Carr, W.J., Jr. *see* Kovachev, V.T. 93971
Carr, W.N. *see* Okojie, R.S. 87083
Carracedo, J., Leon, G., Ramos, C., de Diego, R., Moreno, J.C., Carrasco, F.J., Gil, J.J. An industrial experience on SDL introduction in a conventional software development life cycle 96781
Carragher, R.J., Chung-Kuan Cheng, Xiao-Ming Xiong The net matching problem in high performance microelectronics design 80019
Carrai, P., Cortelazzo, G.M., Mian, G.A. Characteristics of minimax FIR filters for video interpolation/decimation 95664
Carranza, R.D. *see* Moore, P.J. 99418
Carrara, B. *see* Henry, J.P. 52629
Carrara, G. *see* Bossi, S. 53777
Carrara, S.L.A. *see* Almeida, S.F.M. 52931
Carrara, S.L.A. *see* Covington, C.E. 58806
Carraresi, L. *see* Beaumont, S.P. 88037
Carrasco, F.J. *see* Carracedo, J. 96781
Carrasco, J. *see* Swetchine, J. 48646
Carrasco, J.A. *see* Dede, E.J. 100337
Carrasco, R.A. *see* Acha, V. 57345
Carrasco, R.A. *see* Acha, V. 64301
Carrasco, R.A. *see* Acha, V. 64302
Carrasco, R.A. *see* Ancin, F.J. 64344
Carrasco Hernandez, J.A. *see* Hurtado Albir, F.J. 90551
Carrascosa, M. *see* Serrano, E. 64030
Carratt, M., Walker, S. MCVD-plasma process for manufacturing single-mode optical fibers for terrestrial applications 50453
Carratt, M. *see* Jocteur, R. 97336
Carre, M. *see* Devaux, F. 75513
Carre, M. *see* Devaux, F. 94187
Carre, M. *see* Ghirardi, F. 86321
Carre, M. *see* Souli, N. 97233
Carreno, F., Martinez-Anton, J.C., Bernabeu, E. Optical interference method to obtain thickness and refractive indices of a uniaxial medium 87539
Carretero, L., Fimia, A., Belendez, A. Entropy-based study of imaging quality in holographic optical elements 83386
Carretero, L. *see* Banyasz, I. 83393
Carretero, L. *see* Belendez, A. 94674
Carrick, A. *see* Andersen, T. 85964
Carrick, K. *see* Becker, C. 53608
Carrick, K. *see* Becker, C. 68022
Carrick, K. *see* Becker, C. 88965
Carrie, P. *see* von Apeldoorn, G. 88116
Carriere, B. *see* Demuynck, L. 70114
Carriere, C. *see* Auguin, M. 70611
Carriere, M. *see* Wang, M.S. 86223
Carriere, T. *see* Beaucour, J. 69537
Carriere, T. *see* Doucin, B. 71580
Carrigan, J.F. *see* Johnson, D.W. 89558
Carrigan, R.A., Jr., Dong Chen, Colestock, P., Herrup, D., Goderre, G., Jackson, G., Murphy, C.T., Stefanski, R., Baker, S., Mokhov, N., Parker, B., Shih, H.-J., Soundranayagam, R., Toohig, T., Peggs, S., Sun, C.R., Boden, A., Cline, D., Gabella, W., Ramachandran, S., Rhoades, J., Rosenzweig, J., Arenton, M., Conetti, S., Cox, B., Dukes, C., Golovatyuk, V., McManus, A., Nelson, K., Norem, B., Newberger, B., Ellison, J.A., Erwin, A., Rossmanith, R., Kovalenko, A., Taratin, A., Malakhov, N., Tsyganov, E., Bavizhev, M., Biryukov, V., Maslov, M., Khanzadeev, A., Prokofieva, T., Samsonov, V., Solodov, G. Extraction from TeV-range accelerators using bent crystal channeling 59039
Carrigan, R.A., Jr. *see* Baublis, V.V. 59244
Carrington, R. *see* Oswald, B. 89319
Carrion, M.C. *see* Gallego, A. 64465
Carroll, C.F. *see* Harrison, D.J. 97668
Carroll, D.L., Liang, Y., Bonnell, D.A. Investigation of the growth and structure of aluminum overlayers on TiO_2(100) by scanning tunneling microscopy 93267
Carroll, F.E. *see* Tompkins, P.A. 67406
Carroll, J., Whelan, K., Pritchett, S., Bridges, D. FET parameter orthogonalization with principal components 93501
Carroll, J.E. *see* Marcenac, D.D. 72799
Carroll, J.E. *see* Marcenac, D.D. 83120
Carroll, J.E. *see* Nowell, M.C. 65799
Carroll, J.E. *see* Tsang, C.F. 50722
Carroll, J.E. *see* Whiteaway, J.E.A. 94483
Carroll, J.E. *see* Yu, S.F. 83064
Carroll, J.E. *see* Zhang, L.M. 50860
Carroll, J.E. *see* Zhang, L.M. 72857
Carroll, J.J., Dawson, D.M. Robust tracking control of a brushless DC motor with application to direct-drive robotics 54180
Carroll, J.J., Dawson, D.M. Adaptive tracking control of a switched reluctance motor turning an inertial load 60177
Carroll, J.J., Dawson, D.M. Semiglobal position tracking control of brushless DC motors using output feedback 90013
Carroll, J.J., Dawson, D.M. Tracking control of permanent magnet brushless DC motors using partial state feedback 100159
Carroll, J.J., Schneider, M., Dawson, D.M. Integrator backstepping techniques for the tracking control of permanent magnet brush DC motors 60248
Carroll, J.J. *see* Dawson, D.M. 90020
Carroll, J.M., Chang, K. Microstrip mode suppression ring resonator 92499
Carroll, J.M., Nurdiati, S. Weak keys and weak data: foiling the two nemeses 73693
Carroll, J.M., Tilley, K.A., Kanamaluru, S., Chang, K. Slot coupling of coplanar waveguide to patch antennas suitable for MMIC applications 73525
Carroll, J.M. *see* Kanamaluru, S. 82336
Carroll, J.R., Givens, M.P., Piefer, R. Design elements of the modern spinning control system 79051
Carroll, J.V. Availability performance comparisons of combined Loran-C/GPS and standalone GPS approach navigation systems 67705
Carroll, L., Carroll, S. Bridging the gap: the road runs both ways 90815
Carroll, M. *see* Keh-Ching Huang 93307
Carroll, M.P. *see* Jaenisch, H.M. 94843
Carroll, R., Dahlgren, R. Theoretical comparison of low- and high-splitting ratio resonators 72317
Carroll, R.D., Merritt, S.W., Branciforte, E.J., Tanski, W.J., Cullen, D.E., Sacks, R.N. A base-band NDS electrode configuration for HACT devices 56188
Carroll, S. *see* Carroll, L. 90815
Carroll, T. *see* Hatzilabrou, G.M. 88516
Carroll, T.L. *see* Heagy, J.F. 80074
Carroll, T.L. *see* Heagy, J.F. 91933
Carron, G., Thorndahl, L. RF hardware development work for the CLIC drive beam 67143
Carron, G. *see* Guignard, G. 87723
Carru, J.C. *see* Borghs, G. 61944
Carru, J.C. *see* Husse, E. 49641
Carruthers, J.B. *see* Kahn, J.M. 65249
Carruthers, T.F., Duling, I.N., III, Dennis, M.L. Active-passive modelocking in a single-polarisation erbium fibre laser 63742
Carse, P., Garrard, G. A continental drift towards wireless data 52361
Carson, B. User experience of VRLA batteries 60409
Carson, B., Seke, E., Paskevich, V., Holmes, M.L. Fluid expulsion sites on the Cascadia accretionary prism: mapping diagenetic deposits with processed GLORIA imagery 77299
Carson, J. *see* Jaffery, T.S. 76656
Carson, P.L. *see* Gardner, E.A. 98772
Carson, P.L. *see* Hyde, R.J. 98795
Carson, R.F., Meyer, W.J. Sandia's photonic program and its changing national role 79512
Carson, R.F. *see* Hietala, V.M. 82727
Carstea, D.P. *see* Carstea, I.T. 70957
Carstea, I.T. Program for heat transfer analysis in large power transformers windings 78676
Carstea, I.T. Program for heat transfer analysis in electrical transformers 100192
Carstea, I.T., Carstea, D.P. Transformer leakage flux program for personal computers 70957
Carta, R. *see* Zarnowski, J. 66475
Cartaleva, S.S., Gateva, S.V. Mode selection and frequency stabilization in lasers 82892
Cartaxo, A.V.T., de Albuquerque, A.A. Jitter in the square synchroniser on direct detection optical communications. Part 1: theoretical analysis 97223
Cartaxo, A.V.T., de Albuquerque, A.A. Jitter in the square synchroniser on direct detection optical communications. Part 2: comparison with Franks and Bubrouski's results 97224
Carter, A. *see* Flanz, J.B. 76342
Carter, A. *see* Wynn, H.P. 61463
Carter, A.A. *see* Allport, P.P. 76752
Carter, A.A. *see* Allport, P.P. 88021
Carter, A.C. *see* Ragdale, C.M. 56591
Carter, A.F. *see* Higdon, N.S. 99175
Carter, A.J. *see* Rouse, C.J. 92380
Carter, A.L.G. *see* Atkins, G.R. 63386
Carter, C.F. *see* Whatmore, R.W. 58761
Carter, C.H. *see* Weitzel, C.E. 92536
Carter, C.H., Jr. *see* Xie, W. 61712
Carter, C.R. *see* Chung, T. 86593
Carter, C.R. *see* Vrckovnik, G. 86535
Carter, D.A. *see* Rogers, R.R. 88779
Carter, D.L. *see* Palm, S.P. 88767
Carter, D.W. A circuit theory of the Kalman filter 84327
Carter, G.C. *see* Chang, W. 75664
Carter, G.C. *see* Lourtie, I.M.G. 75665
Carter, G.M. *see* Kao-Yang Huang 50833
Carter, H. *see* Amidei, D. 98639
Carter, H. *see* McInturff, A.D. 87671
Carter, H.W. *see* Koh, S. 56576
Carter, J., Hary, S. Tightly-coupled parallel implementations of an avionics algorithm 88665
Carter, J.C. *see* Ingalls, R.P. 58532
Carter, J.C. *see* Mackey, W.A. 69506
Carter, J.N. *see* Hemus, M.D. 95696
Carter, J.N. *see* Tropper, A.C. 56699
Carter, J.R. *see* Allport, P.P. 76752
Carter, J.R. *see* Allport, P.P. 88021
Carter, K. *see* Gaver, W. 65275
Carter, K. *see* Negus, K. 97135
Carter, M. *see* Walters, G. 80913
Carter, M.D., Batchelor, D.B., Stallings, D.C. Three-dimensional effects for radio frequency antenna modeling 51220
Carter, M.D. *see* Ho, Y.L. 51232
Carter, M.D. *see* Hoffman, D.J. 49616
Carter, M.J. *see* Hassan, G.E. 61378
Carter, M.J. *see* Hassan, G.E. 69005
Carter, P. Regulating the electricity industry for energy efficiency 99570
Carter, P.H. Unknown transient detection using wavelets 57599
Carter, R.G. *see* Li Zhao 83762
Carter, R.R., Houk, J.C. Multiple single-unit recordings from the CNS using thin-film electrode arrays 53440
Carter, T., Bird, A.J., Dean, A.J., Ramsden, D. The optimisation of CsI(Tl)-PIN photodiode detectors 88047
Carter, T. *see* Bird, A.J. 59118
Carter, T. *see* Labanti, C. 76762
Carter, T.M. *see* Hutchings, B.L. 49073
Carter, W.B. *see* Rohatgi, A. 100612
Carter, W.L. *see* Merchant, N. 63275
Carter, W.L. *see* Merchant, N. 72215
Carter, W.S. The future of programmable logic and its impact on digital system design 92018
Cartier, E. *see* Abadeer, W.W. 71703
Cartier, E. *see* Arnold, D. 56090
Cartier, J.C. *see* Ferland, G. 99111
Cartier, N. *see* Gagnaire, M. 65286
Cartiglia, N., Dorfan, D.E., Pitzl, D., Rahn, J., Rowe, W.A., Sadrozinski, H.F.-W., Spencer, E.N., Wilde, M., Turala, M., Dabrowski, W. Radiation hardness measurements on bipolar test structures and an amplifier-comparator circuit 71769
Cartiglia, N. *see* Barberis, E. 59063
Cartiglia, N. *see* Barberis, E. 67376
Cartiglia, N. *see* Barberis, E. 88104
Cartiglia, N. *see* Barberis, E. 98609
Cartiglia, N. *see* Ziock, H.J. 76767
Cartignies, E. *see* Jourdin, P. 59768
Cartledge, J.C. *see* Brown, J.-A.C. 86327
Cartledge, J.C. *see* Mckay, R.G. 65758
Cartledge, R.M. *see* Thomas, S.R. 99070
Carts, M.A. *see* Marshall, P.W. 65821
Cartujo, P. *see* Gamiz, F. 55996
Cartwright, C.M. *see* Wang, Z.Q. 82795
Cartwright, G.F. *see* Silva, M. 75027
Cartwright, M. Security in the local loop 96370
Cartwright, P.M., Sowerby, K.W. Estimating regions of service in wireless indoor communication systems 65671
Cartwright, T. *see* Roorda, J. 60895
Cartwright, W.B. *see* Gradin, L.P. 78281
Caruana, J. *see* Wilkinson, P.J. 86042
Carugno, G., Prete, G., Cerdonio, S., Conti, E., Meneguzzo, A., Onofrio, R., Boca, G., Bressi, G., Bini, C., Zanello, D., Salina, G. Test of a self triggered liquid xenon TPC 67326
Carulli, J.M., Jr. *see* Chien, F.R. 79803
Caruthers, J.W., Novarini, J.C. Estimating geomorphology and setting the scale partition with a composite-roughness scattering model 99135
Caruthers, J.W. *see* Novarini, J.C. 59581
Carvalhal, F.J. *see* Palma, J.P. 90510
Carvalho, A., De Carvalho, F., Pavlou, G. Management of optical networks: SNMP agents enabling TMN 96499
Carvalho, A. *see* Godinho, M. 63191
Carvalho, A.de *see* de Carvalho, A.
Carvalho, A.S. *see* Quintas, A.R. 100207
Carvalho, D. *see* Estes, L.E. 77318
Carvalho, F.D. *see* Davies, R. 85185
Carvalho, F.De *see* De Carvalho, F.
Carvalho, I.C.S. *see* Couceiro, I.B. 94084
Carvalho, I.C.S. *see* Lacerda, M.M. 56331
Carvalho, I.C.S. *see* Lacerda, M.M. 63395
Carvalho, I.C.S. *see* Lacerda, M.M. 64002
Carvalho, M.F. *see* Franco, P.E.C. 77960
Carvalho, P., Mesquita, M., Da Silva, L., Roque, F. Application of distributed techniques to the modelling of IN architectures and support of service execution 96861
Carvalho, R.R.L.de *see* de Carvalho, R.R.L.
Carvalho, R.T.de *see* de Carvalho, R.T.
Carver, A.W. The digital revolution—a vision for the future 97541
Carver, G.E., Gray, M.L., Levkoff, J., Miller, B.W., Phatak, S.B. Non-destructive optical

techniques for characterizing semiconductor materials and devices 61437
Carver, G.E. *see* Feijoo, D. 93081
Carver, R.D. *see* Pote, A. 52343
Carwardine, J. *see* Den Hartog, P. 76300
Carwardine, J.A., Pile, G., Zinneman, T.E. Management of high current transients in the CWDD injector 200 kV power system 78717
Caryotakis, G., Callin, R., Eppley, K., Lee, T., Fant, K., Fowkes, R., Hoag, H., Pearson, C., Phillips, R., Tantawi, S., Vlieks, A., Wright, E., Lien, E., Miram, G. Development of multimegawatt klystrons for linear colliders 67156
Caryotakis, G. *see* Fowkes, W.R. 62099
Caryotakis, G. *see* Ruth, R.D. 66791
Casaca, A., Perrin, B., Eilola, M. Global management of an ATM-DQDB interworking unit 65533
Casaca, A., Rocha, R. ATM-DQDB interworking: the case of isochronous services 58168
Casacuberta, F. *see* Galiano, I. 64392
Casacuberta, F. *see* Torres, I. 84082
Casadei, D. Comparative analysis of slotless PM DC linear actuators with different magnetic cores 100429
Casadei, F. *see* Huerta, A. 69901
Casagrande, F. *see* Benetti, P. 67327
Casagrande, F. *see* Benetti, P. 67328
Casagrande, F. *see* Cennini, P. 67285
Casagrande, F. *see* Cennini, P. 76755
Casagrande, L.G., Larson, D.J., Jr., Marzio, D.D., Wu, J., Dudley, M., Black, D.R., Burdette, H. Growth of large-area high-quality CdZnTe substrates by the computer controlled vertical Bridgman method 91420
Casagrande, L.G. *see* Di Marzio, D. 92960
Casagrande, L.G. *see* Larson, D.J., Jr. 91419
Casajus-Quiros, F.J. *see* Fernandez-Cid, P. 70633
Casale, A., d'Albora, P., Muzi, F., Paggi, R. Automation and reliability in electrical distribution plants 79044
Casale, C., Sesto, E. Wind power—present and future 68506
Casale, S., Catania, V., La Corte, A. Service integration issues on an ATM DQDB MAN 58137
Casale, S., Catania, V., Puliafito, A., Vita, L. A remote bridging technique to increase performability in distributed systems 65348
Casale, S. *see* Andronico, M. 74883
Casalgrandi, A., Redolfi, M. The spreading of electric vehicle market: safety concerns in homologation regulations 54187
Casali, J.G., Gower, D.W. Communications headset augmentation via active noise cancellation: attenuation and speech intelligibility performance 97710
Casalini, R., Livi, A., Rolla, P.A. The use of the transfer function in dielectric measurements by time domain reflectometry 98261
Casalmir, P. *see* Reu, P. 67622
Casals, O. *see* Cosmas, J.P. 57937
Casals, O. *see* Toniatti, T. 57969
Casandjian, J.M. *see* Auger, G. 98385
Casanellas, F. Losses in PWM inverters using IGBTs 90128
Casanova, G., Luoni, G., Zaccone, E. EPR insulated 130-150 kV cables 78120
Casao, J.A. *see* Dorta, B.P. 58384
Casao-Perez, J.A., Dorta, P., Perez, F., Perez, J. MMIC transimpedance amplifier for an optical front-end with high gain and minimum ripple 80831
Casao-Perez, J.A., Dorta, P., Perez, F., Perez, J. MMIC transimpedance amplifier for an optical front-end with high gain and minimum ripple 97244
Casar Corredera, J.R. *see* Vela, G.deM. 77685
Casar-Corredera, J.R. *see* Izquierdo-Fuente, A. 75612
Casas, J.R., Torres, L. Coding of details in very low bit-rate video systems 74496
Casas, L. *see* McLane, G.F. 93216
Casas, L.M. *see* Dubey, M. 54829
Casas, L.M. *see* Merkel, K.G. 93051
Casas-Cubillos, J. *see* Bezaguet, A. 82474
Casasanta, J. *see* Abbott, W.L. 92396
Casasent, D. Optical associative processing 64889
Casasent, D., Smokelin, J.-S. Neural net design of Gabor wavelet filters for distortion-invariant object detection in clutter 57842
Casasent, D., Yee, M. Multitarget-tracking optical processing system 95981
Casasent, D., Yu, D. One-dimensional collimation of laser array outputs 56950
Casasent, D. *see* Ravichandran, G. 51599
Casasent, D. *see* Ye, A. 57837
Casasent, D.P., Anqi Ye, Smokelin, J.-S., Schaefer, R.H. Optical correlation filter fusion for object detection 74250
Casasent, D.P., Smokelin, J.-S. Real, imaginary, and clutter Gabor filter fusion for detection with reduced false alarms 75585
Casasent, D.P., Smokelin, J.-S. Neural net design of macro Gabor wavelet filters for distortion-invariant object detection in clutter 75586
Casasent, D.P., Smokelin, J.-S., Ye, A., Schaefer, R.H. Correlation filter fusion for detection: morphological, wavelet, and Gabor methods 51567
Casasent, D.P. *see* Neiberg, L. 56486
Casati, C. The re-design of industrial processes 60859
Casati, D. *see* Lapasin, R. 70997
Casavant, A.E. *see* Hartley, R. 91964
Cascadden, C.W.P. *see* Peeran, S.M. 68217
Cascetta, F. Application of a portable clamp-on ultrasonic flowmeter in the water industry 66768
Cascetta, F. Experimental tests on the behaviour of surface temperature indicators 76234
Cascio, J. International environmental standardization 54645
Cascio, J. International environmental management standards (ISO 9000's less tractable siblings) 90870
Cascon, J. *see* Capmany, J. 52506
Case, C.B. *see* Baumann, F.H. 93098
Case, E. *see* Bansky, J. 81101
Case, F.C. *see* Mitra, P. 71292
Case, F.C. *see* Mitra, P. 91526
Case, G.D., Prache, O. EMI considerations for cockpit AMLCD displays 77166
Case, M. *see* Konishi, Y. 76181
Case, M. *see* Rodwell, M.J.W. 61949
Case, M.G. *see* Rodwell, M.J.W. 72643
Case, S.K. Laser vision adds precision and speed to component placement machines 92749
Case, S.K., Haugen, P., Prine, L.E. Printing perfection: the use of data 60974
Case, S.P., Craig, K.C. Broadband microwave testing: a new approach to scalar analysis 58957
Case, S.W., Lesko, J.J., Fogg, B.R., Carman, G.P. Embedded extrinsic Fabry-Perot fiber optic strain rosette sensors 66383
Caseau, P. Evolution of computer technology and its impact on power systems 59862
Casel, J.P. *see* Greiner, T. 84970
Casella, R. *see* Reece, R.K. 68746
Caselles, V. *see* Chaparro, A.M. 81334
Caselles, V. *see* Coll, C. 53525
Casement, L.S. *see* McLean, I.S. 66427
Casetti, C. *see* Marsan, M.A. 52175
Casey, D. *see* Pierce, A. 58157
Casey, J. *see* Hyman, E. 91621
Casey, J.D., Jr. *see* Comunale, R.A. 87375
Casey, K.D. *see* Wilhelm, R.V. 78948
Casey, K.J. *see* Chang, R.E. 99346
Casey, M.E. *see* Binkley, D.M. 98817
Casey, M.E. *see* Williams, B.E. 55525
Casey, M.E. *see* Young, J.W. 98841
Casey, M.P., El Nokali, M. An analytical delay model for BiCMOS inverters 56088
Casey, R. *see* Johnson, L. 86685
Casey, R.J. AT&T supplier cooperative purchasing program 48612
Cashion, P.A. *see* Andre, A.D. 99055
Cashman, J.D. *see* Green, H.E. 64173
Casiglia, J.H., Dugliss, W.G. A procedural scheme for controlling pressure boundary component inspections [in steam power plant boilers] 89605
Casini, A. *see* Baronti, S. 95796
Casinovi, G., Jeen-Mo Yang Multi-level simulation of large analog systems containing behavioral models 91778
Caskey, W.P. *see* Osborne, J.H. 59212
Casoli, P. *see* Benetti, P. 67327
Casoli, P. *see* Benetti, P. 67328
Casoli, P. *see* Cennini, P. 67285
Cason, C.M. *see* Daugherty, J. 99396
Casoni, M., Corazza, G., Raffaelli, C., Masetti, F., Jacob, J.B. Clos architectures for the design of large photonic ATM switches 86017
Caspar, C. *see* Braun, R.-P. 58269
Caspers, F., Chanel, M., Oeftiger, T. A novel method of noise suppression in beam transfer function measurements 76450
Caspers, F. *see* Gunther, C. 87710
Casperson, D.E. *see* Moss, C.E. 88318
Casperson, D.E. *see* Moss, C.E. 98615
Casperson, L.W. *see* Tovar, A.A. 94561
Caspi, S., Helm, M., Laslett, L.J. The use of harmonics in 3-D magnetic fields 87785
Casro Alves, V. *see* Nicolaidis, M. 80337
Cass, T.A. *see* Ponce, J. 96081
Cassady, C.R., Nachlas, J.A. The frequency distribution of availability 54639
Cassandras, C.G., Julka, V. Marked/phantom slot algorithms for a class of scheduling problems 69676
Cassandras, C.G. *see* Bao, G. 69675
Cassandras, C.G. *see* Gang Bao 69686
Cassandras, C.G. *see* Mohanty, B. 69673
Cassandras, C.G. *see* Sparaggis, P.D. 69674
Cassandras, C.G. *see* Sparaggis, P.D. 69677
Cassara, F.A. *see* Rich, D.A. 73387
Cassarly, B. *see* Ehlert, J.C. 83203
Cassel, R. *see* Koontz, R.F. 68755
Cassel, R. *see* Ruth, R.D. 66791
Cassette, S. *see* Blanck, H. 80768
Cassette, S. *see* Blanck, H. 80818
Cassette, S. *see* Delage, S.L. 70895
Cassiday, B.K. *see* Leahy, M.B., Jr. 53486
Cassidy, A. *see* Galagedera, S.B. 88240
Cassidy, A. *see* Galagedera, S.B. 98670
Cassidy, A. *see* Morgado, C.J.S. 88239
Cassidy, A. *see* Morgado, C.J.S. 98581
Cassidy, D.T. *see* Daly, M.G. 72365
Cassidy, D.T. *see* Hayward, J.E. 83118
Cassidy, D.T. *see* Hong Koo Kim 70098
Cassidy, S. *see* Burnett, I. 52504
Cassidy, S.M. *see* Dou, S.X. 63301
Cassimi, A. *see* Gosselin, A. 87953
Cassin, T.G., Kibler, J.J. Tailoring mechanical and thermal properties for SEM E applications 90987
Cassis, M., Monti, M., Onetti, A. Audio chips for connoisseur listeners 75794
Casso, C.G. Current application of oil well logging equipment in hazardous areas 52773
Casswell, R. *see* Covino, J. 66000
Casswell, R.M. *see* Morris, P.B. 65729
Castagne, M. *see* Fillard, J.P. 81419
Castagne, M. *see* Fillard, J.P. 95788
Castagne, R. *see* Abramo, A. 81195
Castagneri, G., Di Fabbrizio, G., Massone, A., Oreglia, M. SIRVA — a large speech database collected on the Italian telephone network 64341
Castagnet, T., Nicolai, J. Digital control for brush DC motor 79037
Castagnetti, R., Baltes, H. Bipolar magnetotransistors and their trade-offs 52788
Castagnoli, C. *see* Aglietta, M. 67318
Castagnoli, C. *see* Benetti, P. 67327
Castagnolo, B., Nuovo, M.M., Rizzi, M. Performance of photonic interconnection networks 96935
Castaing, J. *see* Patriarche, G. 79833
Castaldini, A., Cavallini, A., Fraboni, B., Mendez, B., Piqueras, J. Spatial distribution of recombination centers in GaAs:Te: effects of the doping level 81218
Castaldini, A. *see* Bondarenko, I. 81214
Castaldini, A. *see* Nava, F. 98507
Castan, E. *see* Duenas, S. 81211
Castan, E. *see* Duenas, S. 81454
Castan, S. *see* Shen, J. 85177
Castaneda, C., Chandler, K., Nguyen, N., Robertson, R.G., White, J. Evaluating alternative PCB fabrication processes 62012
Castaner, L.M., Sureda, S., Bardes, D., Alcubilla, R. A compact charge ratio expression for the emitter delay of polysilicon emitter bipolar transistors 49973
Castanheira, R.C., Cardoso Fo., B.J., Menezes, B.R., Donoso Garcia, P., Moreira, A.F. An active current clamping circuit for a series resonant DC link power converter 100304
Castanheira, R.C., Cardoso Fo., B.J., Menezes, B.R., Donoso Garcia, P., Moreira, A.F. A control technique to eliminate irregular current and voltage pulses in resonant DC link power converters 100306
Castano, E. *see* Ayerdi, I. 66191
Castanon, D.A. Optimal search strategies in dynamic hypothesis testing 69634
Castanon, S.Diaz *see* Diaz Castanon, S.
Castedo, L., Tseng, C.-Y., Griffiths, L.J. A new cost function for adaptive beamforming using cyclostationary signal properties 84443
Castel, C. *see* Badie, C. 52765
Castellaneta, P., Rotondi, D. A traffic management strategy for the interconnection of ethernet and ATM networks 58178
Castellani, L. *see* Coppini, G. 57788
Castellani, V. *see* Ferrari, M. 75732
Castellani, V. *see* Taricco, G. 75376
Castellani, V. *see* Visintin, M. 51305
Castellano, L., Siciliano, A., Vigliotti, R., Murino, P. SAR polarimetry over the area of Naples 77306
Castellano, M. *see* Tazzioli, F. 67001
Castellanos, A. *see* Pontiga, F. 71839
Castellanos, A. *see* Ramos, A. 64054
Castelletto, J.P. *see* Boulouard, A. 70914
Castelli, C.M., Allinson, N.M., Moon, K.J., Watson, D.L. High spatial resolution scintillator screens coupled to CCD detectors for X-ray imaging applications 88322
Castelli, F. General purpose PC based system for the automatic control of tests and calibrations 97794
Castelli, F. The flat strap sandwich current shunt 98252
Castelli, F., Lugiato, L.A., Pirovano, R. Rabi resonance in frequency conversion by four-wave mixing in lasers and its connection with the multimode laser instability 56857
Castelli, F. *see* Spano, P. 73050
Castelli, P. Frame relay over ATM: traffic control aspects 85222
Castelli, P. *see* Bagnasco, E. 58214
Castelli Dezza, F. *see* Crepaz, S. 54203
Castelli-Dezza, F., Silvestri, A., Zaninelli, D. The IEC 909 standard and dynamic simulation of short-circuit currents 78181
Castellina, A. *see* Aglietta, M. 67318
Castellini, G. *see* Adam, A. 88087
Castellini, G. *see* Adam, A. 88102
Castellini, G. *see* Adriani, O. 88023
Castello, R. *see* Baschirotto, A. 55328
Castello, R. *see* Baschirotto, A. 93673
Castelo, V. Bulletin boards, electronic mail, conferencing. Current use by scientists and engineers; effects on libraries and information centres—do they have a role? 85779
Castenada, C., Robertson, R.G., White, J. Eliminating ozone-depleting chemicals 70990
Castera, A. *see* Barrelet, E. 67352

Castera, J.-P. *see* Lehureau, J.-C. 72126
Castera, J.P. *see* Mage, J.C. 82321
Castiglioni, E.L. The ecology of automotive transport and the electric vehicle. VII 54185
Castiglioni, E.L. The ecology of automotive transport and the electric vehicle. VI 54226
Castiglioni T, E.L. Ecology—automotive transport and the electric vehicle. IX 78278
Castiglioni T, E.L. Ecology: automotive transport and the electric vehicle. 10 100896
Castignolles, N., Cattoen, M., Larinier, M. Identification and counting of live fish by image analysis 66149
Castignolles, N., Cattoen, M., Larinier, M. Fish species recognition using a Bayesian classification process 74281
Castillo, E.Del *see* Del Castillo, E.
Castillo, F. *see* Moreno, J.M. 61740
Castillo, H.M.Del *see* Del Castillo, H.M.
Castillo, J.R. *see* Vidal, J.C. 98140
Castillo, L.E.G., Sarkar, T.K., Palma, M.S. An efficient finite element method employing wavelet type basis functions [waveguide analysis] 73436
Castillo, L.E.G. *see* Sarkar, T.K. 83422
Castillo, V. *see* Marshall, C.D. 94425
Castillo Saturno, E.A., Borges da Silva, L.E., Torres, G.L., Do, X.D. Simulation of a neural net controller for motor drives 90494
Castino, G. *see* Chokhawala, R. 61515
Castle, G.S.P. *see* Adamiak, K. 49023
Castle, G.S.P. *see* Jayaram, S. 64111
Castle, S. Communication and data cables for the power distribution industry 89134
Castleberry, H. *see* Bachmann, K.J. 61265
Castleton, I.M. *see* Frost, J.E.F. 62910
Castleton, I.M. *see* Kurobe, A. 81969
Castleton, I.M. *see* Kurobe, A. 92994
Casto, P.R. *see* Warren, J.C. 60907
Castoldi, A. *see* Jalas, P. 88315
Castoldi, A. *see* Jalas, P. 98724
Castoldi, A. *see* Ripamonti, G. 88225
Castoldi, A. *see* Ripamonti, G. 98701
Castori, P. *see* Richner, T. 57979
Castracane, J., Conerty, M., Woo, J.T., Cacace, A.T., Gardner, G.M., Miller, M.B., Parnes, S.M. Fiber optic interferometry: in vivo medical diagnostics 76894
Castro, A. *see* Amidei, D. 98639
Castro, A. *see* McLaren, P.G. 78226
Castro, A.de *see* de Castro, A.
Castro, A.J.de *see* de Castro, A.J.
Castro, C.A. A review of key trends in HgCdTe materials for IR focal plane arrays 61252
Castro, C.A., Bose, A. Correctability of voltage violations in on-line contingency analysis 89020
Castro, J.M. *see* Arranz, J.C. 65526
Castro, P., Borer, J., Burns, A., Morpurgo, G., Schmidt, R. Betatron function measurement at LEP using the BOM 1000 turns facility 76559
Castro, P.J., Barroso, J.J., Correa, R.A., Spassovsky, I.P. Experimental study of ohmic effects in open coaxial cavities 80641
Castro, R., Cherbonnier, J., Iliadis, I., Le Boudec, J.-Y., Ruela, J., Truong, H.L. Support of data communications in an ATM LAN 85755
Castro, R.A. *see* Ruela, J.A. 58162
Castro Simas, M.I., Costa Freire, J., Finco, S., Behrens, F.H. Modeling and characterization of LDD and LDSD NMOS transistors 62769
Castro Simas, M.I., Freire, J.C. CAD tools to optimize power MOSFET performance using channel reverse conduction 93381
Caswell, G. SMT manufacturing parameters and their impact on system reliability 55467
Catalan, A.B., Mantese, J.V., Micheli, A.L., Schubring, N.W., Poisson, R.J. Preparation of barium strontium titanate thin film capacitors on silicon by metallorganic decomposition 80901
Catalano, O. *see* Ambrosio, M. 53341
Catalano, O. *see* Arena, V. 98656
Cataldo, F. *see* Michelotti, F. 56390
Cataldo, G.Di *see* Di Cataldo, G.
Cataldo, V. *see* Boudreau, R. 94542
Catana, D. *see* Chipara, M.I. 98652
Catani, L. *see* Tazzioli, F. 67001
Catania, V., Cavalieri, S., Puliafito, A., Vita, L. A parallel hardware approach to implement network protocols 65033
Catania, V., Granato, O., Puliafito, A., Vita, L. PMt: a tool to monitor performances in distributed systems 85717
Catania, V., La Corte, A., Puliafito, A., Vita, L. A simulation study of DQDB metropolitan area network 65235
Catania, V., Puliafito, A., Russo, M., Vita, L. A VLSI fuzzy inference processor based on a discrete analog approach 49578
Catania, V. *see* Casale, S. 58137
Catania, V. *see* Casale, S. 65348
Catanzaro, B. *see* Fan, J. 50699
Catanzaro, B. *see* Fan, J. 50703
Catanzaro, B. *see* Fan, J. 56515
Catanzaro, B. *see* Jian Ma 83362
Catchpole, I., Upton, P., Sinclair, A., Nagle, J. Wide area differential GPS field study 65942
Catchpole, P. *see* Oswald, B. 89319
Catedra, M.F. *see* Domingo, M. 75589
Catedra, M.F. *see* Perez, J. 97373
Catedra, M.F. *see* Ribas, E.G. 73204
Catedra, M.F. *see* Valle, L. 51078
Catelani, M. *see* Iuculano, G. 97782
Catelani, M. *see* Mirri, D. 98188
Catelani, M. *see* Mirri, D. 98243
Catella, G.C. *see* Marquardt, C.L. 56883
Catena, E. *see* Di Mattia, A. 80516
Cater, D., Pasqualone, R.G. ISO 9000—a perspective on a global quality standard 54570
Cates, S.C. *see* Wood, L.L. 68134
Catherinot, A. *see* Thomas, L. 70113
Cathey, J.J. *see* Deshpande, U.S. 68562
Cathignol, D., Birer, A., Chapelon, J.Y. Beam steering of shock waves generated by a piezocomposite lithotriptor 98935
Cathignol, D. *see* Bourlion, M. 77035
Cathignol, D. *see* Chapelon, J.Y. 98936
Cathignol, D. *see* Faure, P. 99353
Cathro, I.S. Progress with Scottish Nuclear Limited's dry fuel store proposals 99912
Catipovic, J. *see* Bellingham, J.G. 97443
Catipovic, J. *see* Zvonar, Z. 97471
Catipovic, J.A. *see* Brady, D. 59578
Catipovic, J.A. *see* Stojanovic, M. 58444
Catipovic, J.A. *see* Stojanovic, M. 97367
Catlett, M.M. *see* MacArthur, D.W. 59113
Catmur, J.R. *see* Anderson, P. 69150
Catros, J.-Y. *see* Burel, G. 64610
Cats-Baril, W.L., Jelassi, T. The French videotex system Minitel: a successful implementation of a national information technology infrastructure 52064
Catt, J. An improved method for ultra fast recovery diode testing 61530
Catt, J. *see* Chokhawala, R. 49158
Cattaneo, G. The making of a pan-European network as a path-dependency process: The case of GSM versus IBC (integrated broadband communication) network 96372
Cattaneo, P. *see* Alippi, C. 53346
Cattaneo, P. *see* Alippi, C. 67381
Cattaneo, P. *see* Dell'Acqua, A. 87955
Cattaneo, P. *see* Dell'Acqua, A. 98680
Cattarin, S., Dietz, N., Lewerenz, H.J. $CuInS_2$ with lamellar morphology. I. Efficient photoanodes in acidic polyiodide medium 60450
Cattarin, S., Guerriero, P., Razzini, G., Lewerenz, H.-J. $CuInS_2$ with lamellar morphology. II. Photoelectrochemical behavior of heterogeneous material 60451
Cattarius, D. *see* Wu, A. 58160
Catthoor, F., Geurts, W., De Man, H. Loop transformation methodology for fixed-rate video, image and telecom processing applications 85081
Catthoor, F. *see* Goossens, G. 91837
Catthoor, F. *see* Janssen, M. 57576
Catthoor, F. *see* Rosseel, J. 85080
Catthoor, F. *see* Van Sas, J. 61674
Catthoor, F.V.M. *see* Balasa, F. 95602
Cattoen, M. *see* Castignolles, N. 66149
Cattoen, M. *see* Castignolles, N. 74281
Cattoen, M. *see* Cosquer, P. 66148
Cattoen, M. *see* Thomas, T. 79050
Cattoir, S. *see* Van Driessche, I. 63270
Catton, I., Lim, H. The impact of phenomenological uncertainties on an accident management strategy 89490
Catz, H. *see* Martin, A. 67356
Cau, G.R. *see* Benelli, G. 65646
Caudano, R. *see* Malengreau, F. 49011
Caudell, M.J. What are the determinants of successful leadership style? 48611
Cauffield, D. *see* Turbini, L.J. 55471
Caughey, D.A., Kirlin, R.L. Wavelet analysis of breaking wave data 99235
Caughman, J.B.O. *see* Gardner, W.L. 49634
Caughman, J.B.O. *see* Hoffman, D.J. 49616
Cauley, G.W. *see* Chu, R.F. 68147
Caulfied, H.J. *see* Kukhtarev, N. 73167
Caulfield, B. *see* Harris, F. 92330
Caulfield, H.J., Ludman, J.E., Hemmer, P.R. Optical wavelength transform continuous in time, time shift, and scale 74372
Caulfield, H.J., Shamir, J. Fixed hologram neural networks 64040
Caulfield, H.J. *see* Kim, D.H. 51578
Caulfield, H.J. *see* Yaroslavsky, L.P. 51545
Caulfield, J.T. *see* Scribner, D.A. 66484
Caulfield, T. *see* Jackson, K.P. 72648
Caumartin, M. *see* Barthes-Corlier, M. 87791
Caumo, J.R. *see* Rudge Barbosa, F. 86429
Caussignac, J.-M. *see* Boby, J. 52876
Caussyn, D. *see* Anderson, D. 87831
Caussyn, D.D. *see* Blinov, B.B. 87861
Caussyn, D.D. *see* Ellison, T.J.P. 87877
Caussyn, D.D. *see* Li, D. 98409
Caussyn, D.D. *see* Liu, J.Y. 98399
Caussyn, D.D. *see* Syphers, M.J. 66966
Caussyn, D.D. *see* Wang, Y. 66910
Causyn, D.D. *see* Ellison, M. 66909
Cauwenberghe, A.Van *see* Van Cauwenberghe, A.
Cauz, D. *see* Horvath, D. 53123
Cava, R.J. *see* Eisaki, H. 72221
Cavaciuti, A., Sordo, B. Noise measurements in erbium doped fibre amplifiers 82538
Cavaciuti, A. *see* Spano, P. 73050
Cavagnero, G. *see* Basile, G. 86968
Cavagnero, G. *see* Basile, G. 86982
Cavailo, A., de Maria, G., Marino, P., Vasca, F. Pulse ratio modulator design via sliding mode approach 91876
Cavalcanti, E. *see* Faidi, S.E. 87592
Cavalcanti, S. *see* Baraldi, P. 59261
Cavalcoli, D., Cavallini, A. Evaluation of diffusion length at different excess carrier concentrations 55539
Cavalier, A. *see* Brown, C. 51399
Cavaliere, F. *see* Russo, E. 58360
Cavalieri, D.J. A microwave technique for mapping thin sea ice 67871
Cavalieri, S., Di Stefano, A., Mirabella, O. Distributed routing in packet-switching networks by counterpropagation network 57954
Cavalieri, S. *see* Catania, V. 65033
Cavallari, G., Benvenuti, C., Bernard, P., Bloess, D., Chiaveri, E., Genesio, F., Haebel, E., Hilleret, N., Tuckmantel, J., Weingarten, W. Superconducting cavities for the LEP energy upgrade 67070
Cavallaro, J., Martin, E., Conklin, T. TRAC—the development of the next generation tactical transport cockpit 88670
Cavallaro, J.R. *see* Kido, M. 71520
Cavallaro, J.R. *see* Walker, I.D. 61745
Cavallera, P., Girard, P., Landrault, C., Pravossoudovitch, S. Delay fault propagation in synchronous sequential circuits 55201
Cavalleri, A. *see* Pignatel, G.U. 58750
Cavalli, D. *see* Gingrich, D. 53291
Cavalli, P. *see* Adam, W. 88114
Cavalli-Sforza, M., Kelley, L.A., Klein, S.R., Anthony, P., Becker-Szendy, R., Erickson, R., Gearhart, R.A., Keller, L.P., Niemi, G., Perl, M.L., Rochester, L.S., Stanek, M., Truher, J.B., Bosted, P.E., White, J. A method of obtaining parasitic e^+ or e^- beams during SLAC linear collider operation 87772
Cavalli-Sforza, M. *see* Abe, K. 88115
Cavalli-Sforza, M. *see* Antilogus, P. 59064
Cavalli-Sforza, M. *see* Ariztizabal, F. 98518
Cavalli-Sforza, M. *see* Klein, S.R. 98488
Cavallini, A., Cacciari, M., Loggini, M., Montanari, G.C. Evaluation of harmonic levels in electrical networks by statistical indexes 67998
Cavallini, A., Cacciari, M., Loggini, M., Montanari, G.C. Evaluation of harmonic levels in electrical networks by statistical indexes 77884
Cavallini, A., Loggini, M., Montanari, G.C. Comparison of approximate methods for estimate harmonic currents injected by AC/DC converters 68852
Cavallini, A., Loggini, M., Montanari, G.C. Behaviour of harmonic current vectors generated by six-pulse AC/DC converters as function of plant parameters 78702
Cavallini, A., Vandini, M., Corticelli, F., Parisini, A., Armigliato, A. Recombination at dislocations associated with oxygen precipitation 81199
Cavallini, A. *see* Bondarenko, I. 81214
Cavallini, A. *see* Castaldini, A. 81218
Cavallini, A. *see* Cavalcoli, D. 55539
Cavallini, A. *see* Litido, M.I. 88604
Cavallini, A. *see* Loggini, M. 78701
Cavallini, A. *see* Nava, F. 98507
Cavallini, A. *see* Ramos, J.R. 67999
Cavallo, J. *see* Twiddy, R. 95833
Cavalloro, P. *see* Bombana, M. 55049
Cavanagh, M. *see* McGilp, J.F. 94624
Cavanaugh, K., Adame, R., Colsher, R., Fritsch, T. On-line feedpump expert system 68453
Cavanie, A. *see* Lecomte, P. 77444
Cavanna, F. *see* Benetti, P. 67327
Cavanna, F. *see* Benetti, P. 67328
Cavanna, F. *see* Cennini, P. 67285
Cavanna, F. *see* Cennini, P. 76755
Cavasinni, V. *see* Cardini, A. 67354
Cave, J.R., Willen, D.W.A., Brissette, Y., Richer, C., Aresteanu, V.A. Test results for laboratory scale inductive high-T_c superconducting fault current limiters 82434
Cave, M. Interconnection issues in UK telecommunications 74776
Cave, N. *see* Walther, M. 81333
Cavenago, M., Iatrou, C.T. Studies on microwave coupling into the electron cyclotron resonance ion source Alice 53169
Cavenago, M., Moisio, M.F. Iron shimming of superconductive rotating dipoles 82438
Cavenett, B.C. *see* Kawakami, Y. 72871
Cavenett, B.C. *see* Mullins, J.T. 71302
Cavenett, B.C. *see* Wang, S.Y. 63487
Cavenett, B.C. *see* Williams, G.M. 81319
Cavenor, M.C. *see* Hollier, C.J. 84760
Caverly, R.H. A laboratory-oriented paradigm for undergraduate analog CMOS microsystems design and education 60794
Caverly, R.H. Distortion in GaAs MESFET switch circuits 93500
Cavers, J.K. *see* Hilborn, D.S. 65647
Caves, C.M., Drummond, P.D. Quantum limits on bosonic communication rates 64255
Cavicchi, B.T. *see* Chiang, P.K. 100673
Caviglia, D.D., Valle, M., Rossi, A., Vincentelli, M., Bo, G., Colangelo, P., Pedrazzi, P., Colla, A.M. Feature extraction circuit for optical character recognition 55358
Caviglia, D.D. *see* Valle, M. 92256

Caviglia, F., Montalti, F., Nanni, F., Suino, D. Evolving new technologies for the Italian optical cable plants 52471
Caviglia, F., Ricaldone, P.G., Aureli, G., Di Biase, V.C. OTDR analysis of tree-structured optical networks (splitter PON) 86525
Caviglia, F. *see* Bollero, A. 50464
Cavin, R.K. *see* Wentai Liu 80278
Cavin, R.K., III *see* Gray, C.T. 52782
Cavin, R.K., III *see* Gray, C.T. 80221
Cavin, R.K., III *see* Gray, C.T. 80287
Cavin, R.K., III *see* Perkinson, T.L. 81402
Cavina, A. *see* Barich, G.S. 68195
Cavone, M. *see* Verzellesi, G. 62709
Cawley, P. *see* Pialucha, T. 99379
Cawthon, D. *see* Johnson, R. 79392
Caylor, I.J. *see* Jameson, A.R. 99203
Caymax, M., Poortmans, J., van Ammel, A., Libezny, M., Nijs, J., Mertens, R. Low temperature selective growth of epitaxial Si and $Si_{1-x}Ge_x$ layers from SiH_4 and GeH_4 in an ultrahigh vacuum, very low pressure chemical vapour deposition reactor: kinetics and possibilities 48921
Caymax, M., Poortmans, J., van Ammel, A., Vanhellemont, J., Libezny, M., Nijs, J., Mertens, R. On the relation between low-temperature epitaxial growth conditions and the surface morphology of epitaxial Si and $Si_{1-x}Ge_x$ layers, grown in an ultrahigh vacuum, very low pressure chemical vapour deposition reactor 48922
Caymax, M. *see* De Coster, W. 49806
Caymax, M. *see* Ohyama, H. 62662
Caymax, M. *see* Ohyama, H. 71574
Caywood, J.M. *see* Lepejian, D.Y. 49447
Cazacu, C. *see* Cardu, M. 53941
Cazeca, M. *see* Samuelson, L.A. 66518
Cazenave, J. High-density interconnections with thick-film MCMs 62027
Cazenave, J.-P., Dupenloup, G. Global optimization of MCMs with ASICs using concurrent engineering 79382
Cazier, D. *see* Deville, P.M. 90627
Cazzani, S. 100 Mbit/s via twisted telephone pairs 65294
Cazzani, S. How to secure 5 V supplies from four AA batteries 70299
Cazzani, S. The SGS-Thomson ISB 35000 logic matrices 91971
Cazzani, S. The PowerPC microprocessor 92248
Ce Liu Computation of the equivalent inductive circuit for an arbitrary number of E-plane metal inserts in rectangular waveguides 73428
Ce Zhu, Jun Wang, Lihua Li, Zhenya He A new neural network-based algorithm for vector quantization 73773
Ce Zhu *see* Cuntai Guan 95357
Ce Zhu *see* Zhenya He 95229
Ce-Kuan Shieh *see* Chin-Yuan Chang 74995
Cease, T.W., Feldhaus, B. Real-time monitoring of the TVA power system 78237
Cease, T.W. *see* Burnett, R.O., Jr. 89019
Cease, T.W. *see* Enns, M. 68292
Ceballos, D.C. The Brazilian plan for ECO-8: an eight satellite equatorial low orbit communication system 65721
Cebollada, A. *see* Farrow, R.F.C. 91514
Cebollada, F. *see* Gonzalez, J. 71954
Cebollada, F. *see* Gonzalez, J.M. 82232
Cebollada, F. *see* Murillo, N. 50209
Cebulka, K.D. *see* Schnure, W.K. 51989
Cebulla, U., Bouayad, J., Haisch, H., Klenk, M., Laube, G., Mayer, H.P., Weinmann, R., Zielinski, E. 1.55 μm strained layer multiple quantum well DFB-lasers with low chirp and low distortions for optical analog CATV distribution systems 65812
Cecatto, J.R. *see* Sawant, H.S. 86639
Ceccarelli, M., Farina, A., Petrosino, A., Vaccaro, R., Vinelli, F. SAR image segmentation using textural information and neural classifiers 51707
Cecchetti, C. *see* Rizzoli, V. 80721
Cecchi, L. *see* Babiloni, F. 76988
Cecchi, M.Morandi *see* Morandi Cecchi, M.
Cecchini, M. *see* Perotto, J.-F. 80353
Cecchini, R., Pelosi, G. Applications of computer algebra systems in electromagnetics education 48601
Cecchini, S., Dekhissi, H., Giacomelli, G., Katsavounidis, E., Margiotta, A.R., Patrizii, L., Predieri, F., Serra, P., Spurio, M. Calibration of the Intercast CR39 88183
Ceccucci, A. *see* Fanti, V. 76788
Cecelja, F.V. *see* Jung, R.R. 87124
Cecere, M.A. *see* Lin, L.-Y. 50876
Cecil, J.A. *see* Srihari, K. 60943
Cecil, T. Voice recognition in a small package 90994
Cedell, T. *see* Sandlund, L. 63171
Cederbaum, I. Spectral properties of admittance matrices of resistive tree networks 70719
Cedras, C., Shah, M. A survey of motion analysis from moving light displays 84798
Ceglio, N.M. *see* Hawryluk, A.M. 93273
Ceiler, M. *see* Han, S.S. 61277
Ceiler, M. *see* Han, S.S. 61343
Cekleov, M. *see* Sindhu, P. 74705
Cel, J. Adjoint nullator-norator networks 92361
Celani, C. *see* Bartoloni, A. 67757
Celani, C. *see* Bartoloni, A. 67857
Celasun, I. *see* Anarim, E. 57852
Celata, C.M., Abbott, S., Bennett, M., Bordua, M., Calvert, J., Dwinell, R., Howard, D., Hunt, D., Feinberg, B., Force, R., Frias, R., Halliwell, J., Kalnins, J., Lewis, S., Nyman, M., Shalz, L., Tekawa, M., Solomons, R. The Bevalac long spill 87832
Celata, C.M. *see* Fawley, W.M. 67031
Celik-Butler, Z. *see* Jianglin Wang 92514
Celiker, H. *see* Al-Saleh, M.A. 68985
Celiker, H. *see* Al-Saleh, M.A. 78799
Celikov, A. *see* Riehle, F. 86874
Celinski, Z. *see* Heinrich, B. 63185
Cellario, L., Sereno, D. Variable rate speech coding for UMTS 52258
Cellario, L. *see* Kleijn, W.B. 84100
Celle, F. *see* Fouquet, R. 76263
Celler, G.K., Maldonado, J.R. *(editors)* Materials Aspects of X-Ray Lithography. Symposium 90721
Celli, V. *see* Tran, P. 57084
Celma, S., Martinez, P.A., Gutierrez, I. Generation of current conveyor based sinusoidal oscillators for integrated circuits 80177
Celossi, S. A recursive FE-TD algorithm for the analysis of the interaction between an EM field and a lossy multiconductor line 51156
Celotta, R.J. *see* Scholten, R.E. 71445
Celotta, R.J. *see* Unguris, J. 71976
Celozzi, S. On the finite element time domain solution of the skin effect equations in multiconductor lines 83731
Celozzi, S., Feliziani, M. Transient scattering problems solution by surface equivalent sources 83611
Celozzi, S. *see* Cortina, R. 68205
Celuch-Marcysiak, M., Gwarek, W.K. On the effect of bilateral dispersion in inhomogeneous symmetrical condensed node modeling 70868
Celuch-Marcysiak, M., Gwarek, W.K. New TLM algorithms with controlled stability margin and their application to improve the modelling of curved boundaries 83739
Cembrola, R. *see* Tolle, D. 79235
Cen, K.F. *see* Makarytchev, S.V. 78394
Cen Changhua *see* Changhua Cen
Cenci, P. *see* Beier, T. 53305
Cenci, P. *see* Fanti, V. 76788
Cenci, P. *see* Grafstrom, P. 76786
Cendes, Z. *see* Wang, R. 89878
Cendes, Z.J. *see* Tai-Yu Chou 79344
Cendes, Z.J. *see* Wang, R. 82286
Cennamo, F., Daponte, P., Grimaldi, D., Loizzo, E. Testing the performances of neural A/D converter 92317
Cennamo, F. *see* Arpaia, P. 92316
Cennini, P., Cittolin, S., Revel, J.-P., Rubbia, C., Tian, W.-H., Picchi, P., Cavanna, F., Piano Mortari, G., Verdecchia, M., Cline, D., Muratori, G., Otwinowski, S., Wang, H., Zhou, M., Bettini, A., Casagrande, F., Casoli, P., Centro, S., Dainese, B., De Vecchi, C., Pepato, A., Pietropaolo, F., Rossi, P., Ventura, S., Benetti, P., Calligarich, E., Dolfini, R., Gigli Berzolari, A., Mauri, F., Mazzone, L., Montanari, C., Piazzoli, A., Rappoldi, A., Raselli, G.L., Scannicchio, D., Periale, L., Suzuki, S. Performance of a three-ton liquid argon time projection chamber 67285
Cennini, P., Cittolin, S., Revol, J.P., Rubbia, C., Tian, W.H., Li, X., Picchi, P., Cavanna, F., Piano Mortari, G., Verdecchia, M., Cline, D., Liu, Y., Muratori, G., Otwinowski, S., Wang, H., Zhou, M., Bettini, A., Casagrande, F., Centro, S., De Vecchi, C., Pepato, A., Pietropaolo, F., Rossi, P., Ventura, S., Benetti, P., Calligarich, E., Dolfini, R., Gigli Berzolari, A., Mauri, F., Montanari, C., Piazzoli, A., Rappoldi, A., Raselli, U.L., Scannicchio, D., Periale, L., Suzuki, S. A 3-D image chamber for the liquid argon TPC based on multi-layer printed circuit board 76755
Cennini, P. *see* Benetti, P. 67327
Cennini, P. *see* Benetti, P. 67328
Ceno, A. *see* Kobayashi, H. 99019
Censor, D. *see* Gurwich, I. 83615
Centen, P. A reset noise-free high-speed read-out mode for a floating-diffusion detector with resistive feedback 87289
Centen, P., Stoldt, H., Theuwissen, A., Peek, H., Huinink, W., Sankaranarayanan, L., Kleimann, A., Pine, G., Stekelenburg, M., Mierop, A., Vledder, F., Verbugt, D., Oppers, J., Opmeer, P. Aspect ratio switching with equal horizontal pixel count 97689
Centen, P. *see* Blankevoort, J. 66042
Centen, P.G. *see* Roks, E. 66479
Centen, P.G. *see* Roks, E. 87288
Centen, P.G.M. *see* Roks, E. 87287
Centeno, A.E., Excell, P.S. Modelling of dielectrically loaded cavities using the finite integral technique 51181
Centeno, V. *see* Burnett, R.O., Jr. 89019
Center, C.J. Sonar imagery data processing techniques 99145
Centonze, D. *see* Palmisano, F. 98132
Centro, S. A way of precisely controlling the DC offset in the output of front-end charge amplifiers 59207
Centro, S. *see* Benetti, P. 67327
Centro, S. *see* Benetti, P. 67328
Centro, S. *see* Cennini, P. 67285
Centro, S. *see* Cennini, P. 76755
Cenys, A. *see* Bumeliene, S. 81342
Cepek, M., Douville, J., Fecteau, G., Malewski, R. Loss measurement in high voltage thyristor valves 78064
Cepisca, C. The distribution of the currents induced in the moving disc of the induction apparatus 66598
Ceradini, F. *see* Moers, T. 67364
Cerboneschi, E., de Tomasi, F., Arimondo, E. Low frequency fluctuation instabilities in diode lasers with optical feedback 94522
Cerboneschi, E. *see* De Tomasi, F. 94471
Cerchio, L. TMN OS software infrastructure 58063
Cerchio, L. *see* Bosco, P.G. 74861
Cerda, A., Abdallah, C., Jordan, R. Experimental implementation of MRAC for a DC servo motor 78645
Cerdonio, M., Fontana, G., Franceschini, L., Macchietto, R., Mezzena, R., Vitale, S., Zendri, J.P. 330 MHz SQUID amplifier coupled to a capacitive transducer for gravitational wave experiments 50404
Cerdonio, M. *see* Falferi, P. 82510
Cerdonio, M. *see* Franceschini, L. 50405
Cerdonio, M. *see* Maslennikov, Y.V. 72169
Cerdonio, S. *see* Carugno, G. 67326
Cerecedo, M., Matsumoto, T., Imai, H. Shared pseudo-random secret generation protocols 65038
Ceres, R. *see* Bastos, T.F. 79313
Ceres, R. *see* Bastos, T.F. 88888
Ceres, R. *see* Caicedo, E.F. 79314
Cerez, P. *see* Audoin, C. 86838
Cerez, P. *see* Petit, P. 86861
Cerf, P.Le *see* Le Cerf, P.
Cerfontaine, J. *see* Thielen, A. 93688
Cergel, L. The OMPAC encapsulation system for ICs 54504
Ceriani, F. *see* Grandori, F. 53423
Cerin, C., Dufourd, C., Myoupo, J.-F. An efficient parallel solution for the longest increasing subsequence problem 61764
Cermak, I. *see* Biederman, H. 70103
Cernea, R.A. *see* Lee, D.J. 70524
Cerniglia, P. *see* Ryan, W.A. 76490
Cernohorsky, D., Novacek, Z. Reactance of a wide loop 64229
Cerny, E., Zejda, J. Gate-level timing verification using waveform narrowing 92015
Cerny, E. *see* Langevin, M. 49310
Cerny, F. *see* Zemek, J. 48993
Cerny, J. *see* Moltz, D.M. 98536
Cerra, D. *see* Langella, A. 86999
Cerri, C. *see* Fanti, V. 76788
Cerri, G., De Leo, R., Mariani Primiani, V., Schiavoni, A. FDTD analysis of crosstalk in multilayer printed circuits 55458
Cerri, G., de Leo, R., Primiani, V.M., Righetti, M. Field penetration into metallic enclosures through slots excited by ESD 57049
Cerri, G., Mongiardo, M., Rozzi, T. Radiation from via-hole grounds in microstrip lines 80564
Cerrina, F. *see* Guan-Jye Chen 88283
Cerrina, F. *see* Guan-Jye Chen 88299
Cerrina, F. *see* Hansen, M.E. 81607
Cerrina, F. *see* Jiabei Xiao 81600
Cerrina, F. *see* Jiabei Xiao 88282
Cerrina, F. *see* Krasnoperova, A.A. 81601
Cerrina, F. *see* Nachman, R. 81592
Cerrina, F. *see* Pan, S. 81727
Cerrina, F. *see* Waldo, W.G. 81590
Cerrina, F. *see* Waldo, W.G. 81594
Cerrina, F. *see* Wells, G.M. 88300
Cerruti, G., Garazzino, G., Gunetti, M., Stroppiana, M. Evaluation of HD-MAC systems 58586
Cerruto, E. *see* Consoli, A. 100840
Cerullo, G., De Silvestri, S., Magni, V. Self-starting Kerr-lens mode locking of a Ti:sapphire laser 72746
Cerullo, G., De Silvestri, S., Magni, V., Pallaro, L. Resonators for Kerr-lens mode-locked femtosecond Ti:sapphire lasers 63953
Cerullo, G. *see* Danailov, M.B. 63714
Cerullo, M. *see* Lee, K.F. 93613
Cerullo, M. *see* Liu, T.M. 61659
Cerullo, M. *see* Liu, T.M. 82092
Cerutti, G. *see* Adam, W. 88114
Cerutti, S. *see* Magni, R. 88492
Cerva, H., Hobler, G. Depth of amorphized ion implanted silicon zones predicted from point defect density calculations and TEM cross sections 81200
Cerva, H. *see* Hommel, D. 72872
Cerva, H. *see* Schnabel, R.F. 54929
Cerven, J. Pulse shaping in an inhomogeneous nonlinear ladder line 49211
Cerven, J. *see* Benda, O. 57165
Cesa-Bianchi, N., Krogh, A., Warmuth, M.K. Bounds on approximate steepest descent for likelihood maximization in exponential families 91220
Cesare, A.Di *see* Di Cesare, A.
Cesare, G.De *see* De Cesare, G.

Cesario, P., Firpo, P., Savio, S. Protection setting in 2×25 kV 50 Hz railway traction systems by digital simulation 60575
Cesaroni, P. *see* Bagnaia, P. 53349
Cesarsky, C.J., Bonnal, J.-F., Boulade, O., Cretolle, J., Imbault, D., Lapegue, J., Rio, Y., Roy, A., Vigroux, L., Sibille, F., Epstein, G., Lacombe, F., Puget, P., Rouan, D., Saint-Pe, O., Tiphene, D., Cesarsky, D.A., Perault, M., Souffot, A., Davies, J.K., Purkins, T., Lennart Nordh, H., Olofsson, G., Ventura, G. Camera of the Infrared Space Observatory 52955
Cesarsky, C.J. *see* Perault, M. 52956
Cesarsky, D.A. *see* Cesarsky, C.J. 52955
Cescato, L., Mello, B. de A., da Costa, I.F., Lima, C.R.A. Resulting profile of holographically recorded structures in photoresists 64014
Cesnak, L. *see* Kovac, P. 72220
Cesnak, L. *see* Kovac, P. 82337
Cespuglio, R. *see* Arnaud, F. 59257
Cesura, G., Manfredi, P.F., Re, V., Speziali, V. JFET-CMOS process to meet the requirements of tracking applications at short processing times 53344
Cesura, G., Re, V. Effects of γ-rays and neutrons on the noise behaviour of monolithic JFET circuits 71822
Cesura, G. *see* Buttler, W. 93648
Cetin, A.E. *see* Erzin, E. 51395
Cetin, A.E. *see* Erzin, E. 73836
Cetin, A.E. *see* Gunduzhan, E. 84904
Cetin, A.Enis *see* Enis Cetin, A.
Cetin, H., Warner, T.A., Levandowski, D.W. Data classification, visualization, and enhancement using n-dimensional probability density functions (nPDF): AVIRIS, TIMS, TM, and geophysical applications 53531
Cetin Kaya Koc *see* Guanrong Chen 79670
Cetolo, L.F. *see* Campanholi, S.M. 85477
Cetronio, A. *see* Nava, F. 98507
Cettolo, M. *see* Antoniol, G. 73913
Ceuninck, W.De *see* De Ceuninck, W.
Ceuppens, L., Bosser, T. ATM: setting the standards 75071
Ceuster, D.De *see* De Ceuster, D.
Cevallos-Candau, P.J. *see* Bakhtiari, S. 78306
Cha, E., Bogy, D.B. Numerical simulations of dynamic spacing and asperity contact of a shaped rail slider 50317
Cha, G. *see* Qin-Yi Tong 62381
Cha, G.S. *see* Lee, K.S. 97896
Cha, H., Chaparro, L.F. A morphological polynomial transform 84981
Cha, H. *see* Dharchoudhury, A. 92169
Cha, J.W. *see* Kwon, T.Y. 73045
Cha, K., Faris, R.G., Brown, E.F., Wilmore, D.W. An electronic method for rapid measurement of haematocrit in blood samples 59390
Cha, K., Kawasaki, S., Itoh, T. Transponder using self-oscillating mixer and active antenna 96978
Cha, M.J. *see* Lee, K.S. 97896
Cha, P. *see* Edberg, D. 99058
Cha, S.M. *see* Bellur, B. 65314
Cha, Y.S. *see* Niemann, R.C. 82453
Cha Gi-Won *see* Gi-Won Cha
Cha Hungse *see* Hungse Cha
Cha Hwan Oh, Sang Gee Kim, Yang Sup Song, Young Bum Kim, Pill Soo Kim Second-harmonic generation of GaAlAs diode laser by enhanced doubling in $LiIO_3$ crystal 56875
Cha Ih Whan *see* Ih Whan Cha
Cha Il Whan *see* Il Whan Cha
Cha In-Su *see* In-Su Cha
Cha Inhyok *see* Inhyok Cha
Cha Keon Cheong, Aizawa, K., Saito, T., Hatori, M. Image reconstruction based on zero-crossing representations of wavelet transform 84929
Cha Kyung Hyun *see* Kyung Hyun Cha
Cha Myoungsik *see* Myoungsik Cha
Cha Soongjoon *see* Soongjoon Cha
Cha Young-Uk *see* Young-Uk Cha
Cha Younguk *see* Younguk Cha
Cha-Mei Tang, Hafizi, B., Ride, S.K. Fundamental and harmonics of Thomson backscattered X-rays from an intense laser beam 67220
Cha-Mei Tang, Lau, Y.Y., Swyden, T.A. Deflection microwave and millimeter-wave amplifiers 62092
Cha-Mei Tang, Lau, Y.Y., Swyden, T.A. Deflection microwave amplifier with field emission arrays 92893
Cha-Mei Tang, Swyden, T.A., Ting, A.C., Liu, X.F., Yadon, L., Sune, C.T., Jones, G.W. Observation of emission from silicon field-emission arrays with focusing 92878
Chaaban, F.B. Determination of the optimum rotor/stator diameter ratio of permanent magnet machines 78538
Chaabane, H., Bourgoin, J.C. Role of defects on electron transport through semiconductor barriers 71156
Chaabane, R.B. *see* Guillaud, G. 71633
Chaar, L.R., van Rheenen, A.D. Low-frequency noise measurements on semiconductor devices using a probe station 81751
Chaarif-Chefchaouni, M., Schonfeld, D. Morphological representation of nonlinear filters 73937
Chabak, A.F. *see* Fateev, V.N. 53900
Chabal, Y.J. *see* Pietsch, G.J. 62462
Chaban, V.I. On the calculation of the Jacobian of equations for a deep-slot motor 78562
Chaban, V.I. Parametric sensitivity of deep-slotted induction motors 78633
Chabane, M. *see* Laporte, B. 89832
Chabane, M. *see* Laporte, B. 89855
Chabay, R.W. *see* Sherwood, B.A. 79175
Chabbi, H., Berger, M.-O. Recovering planar surfaces by stereovision based on projective geometry 96054
Chaberski, A.Z. *see* Heary, K.P. 53814
Chabert, A. *see* Joubert, A. 76318
Chabert, M. *see* Auger, G. 98385
Chabinec, D. Solid state relays silence the competition 80952
Chabinsky, D. *see* Peters, D. 65830
Chabot, B. Renewable energies in research, development, and demonstration policies of the industrialized countries 53855
Chabran, C. *see* Girardin, F. 83088
Chabran, C. *see* Ramos, R.T. 52607
Chachad, A.A., Daruwala, R.D. Fuzzy controlled robotic manipulation using the Motorola MC96002 70683
Chacham, H. *see* de Oliveira, A.G. 50665
Chacon, L. *see* Restrepo Palacios, A. 64505
Chadalavada, V., Vittai, V. Transient stability assessment for network topology changes: application of energy margin analytical sensitivity 89021
Chaddha, N., Agrawal, A., Gupta, A., Meng, T.H.Y. Variable compression using JPEG 57409
Chaddha, N., Meng, T.H.Y. Psycho-visual based distortion measures for monochrome image and video compression 95951
Chadelas, R. *see* Ariztizabal, F. 98518
Chadha, M. *see* Alexander, J.P. 59072
Chadha, M. *see* Alexander, J.P. 70305
Chadha, P.R., Sinha, A.K. SNR performance of various discrete ADM systems 95072
Chadha, R. *see* Narain, S. 75006
Chadha, R. *see* Narin, S. 86339
Chadha, S.S. *see* Vecht, A. 63562
Chadi, J.D. *see* Thio, T. 81743
Chadney, J.E. *see* Dexter, K.F. 54958
Chadwick, A.V., Russell, N.V., Whitham, A.R., Wilson, A. Nanocrystalline metal oxide gas sensors 58889
Chadwick, D.W., Pope, N.H. Interdomain guardians in a distributed directory service 85756
Chadwick, J.W., Jr. *see* Barnett, C.W. 54066
Chadwick, R.B. *see* Barth, M.F. 88778
Chadwick, W. *see* Meinig, C. 99131
Chady, T. *see* Sikora, R. 53032
Chady, T. *see* Sikora, R. 87452
Chae, Y.C., Liu, J., Teng, L.C. Global coupling and decoupling of the APS storage ring 66895
Chae Hoon Lim, Pil Joong Lee Another method for attaining security against adaptively chosen ciphertext attacks 83958
Chae Il Cheon *see* Jin Seong Park 70146
Chae Jong Kil *see* Jong Kil Chae
Chae Kim Woong *see* Woong Chae Kim
Chae Seog *see* Seog Chae
Chae Seung-Uk *see* Seung-Uk Chae
Chae Soo Ik *see* Soo Ik Chae
Chae Tak Lim *see* Dal Hwan Yoon 75170
Chae Woo Hong *see* Hong Chae Woo
Chae Yong-Chul *see* Yong-Chul Chae
Chae-Ryong Cho, Erwei Shi, Min-Su Jang, Se-Young Jeong, Seong-Chul Kim Structural and electrical properties of $BaTiO_3$ thin films on Si(100) substrate by hydrothermal synthesis 93751
Chaffai, R., Al-Haddad, K., Dessaint, L.A., El-Asmar, C. High-performance convertor with soft commutation for solar energy conversion 90454
Chaffai, R. *see* Tou, M. 90142
Chaffai, R. *see* Tou, M. 90145
Chaffaut, G.Du *see* Du Chaffaut, G.
Chaffee, C. *see* Brinkley, A. 79364
Chaffee, J., Abel, J. GDOP and the Cramer-Rao bound 65987
Chaffee, J., Abel, J. On the exact solutions of pseudorange equations 97182
Chaffee, J., Abel, J., McQuiston, B.K. GPS positioning, filtering, and integration 58511
Chaffey, M.R., Pearce, A., Herlien, R. Distributed data and computing system on an ROV designed for ocean science 99238
Chagnot, D. *see* Daniele, N. 83681
Chahal, S. Discrimination of handwritten from machine-printed text 74376
Chahine, G. *see* Yasheng Qian 95232
chahine, S.Abou *see* Abou chahine, S.
Chai, B. *see* Heine, F. 72763
Chai, B.H.T. *see* Beaud, P. 72730
Chai, B.H.T. *see* Danger, T. 82987
Chai, B.H.T. *see* DeLoach, L.D. 82963
Chai, B.H.T. *see* Li Kam Wa, P. 72776
Chai, B.H.T. *see* Marshall, C.D. 94425
Chai, B.H.T. *see* Payne, S.A. 72720
Chai, B.H.T. *see* Ruan, S. 83014
Chai, B.H.T. *see* Wang, H.S. 82976
Chai, B.H.T. *see* Zhang, X.X. 63724
Chai, Y.-Y., Johnson, L.G. Floating gate MOSFET with reduced programming voltage 81902
Chai Changchun *see* Changchun Chai
Chai Kam-Wing *see* Kam-Wing Chai
Chai Kim Ki *see* Ki Chai Kim
Chai Sang Hoon *see* Sang Hoon Chai
Chai Wah Wu, Chua, L.O. Symbolic dynamics of piecewise-linear maps 73975
Chaibi, M. *see* El Mesbahi, J. 80971
Chaijie Wang *see* Wang Chaijie
Chaika, A.N. *see* Mirzoeva, L.A. 72290
Chaikin, D.S. *see* Gradoboeva, N.A. 86700
Chaikin, D.S. *see* Gradoboeva, N.A. 86701
Chaim, N.Bar *see* Bar Chaim, N.
Chait, Y., Myoung Soo Park, Steinbuch, M. Design and implementation of a QFT controller for a compact disc player 97730
Chaitanya, V. *see* Bharati, A. 73572
Chaix, P., Iracane, D. Stochastic electronic motion and high efficiency free electron lasers 72935
Chaiyakul, V. *see* Hsiao-ping Juan 91818
Chajakis, E.D., Guignard, M. Exact algorithms for the Setup Knapsack problem 79644
Chakari, A. *see* Eckerle, M. 87259
Chakenov, B.Dj. TID, electron density and ionospheric sounding 67806
Chaker, M. *see* Montcalm, C. 63543
Chaker, M. *see* Montcalm, C. 72548
Chakhlov, V.L., Simanchuk, V.I., Kargapol'tsev, A.V. Electromagnetic-emission diagnostics of dielectric materials under ultrasonic loading 55029
Chakhlov, V.L. *see* Akimochkin, Yu.V. 53093
Chakhovskoi, A.G., Kesling, W.D., Trujillo, J.T., Hunt, C.E. Phosphor selection constraints in application of gated field-emission microcathodes to flat panel displays 66602
Chaki, D. *see* Chowdhury, S.P. 99772
Chaki, S. *see* Inoue, A. 70900
Chaki, S. *see* Kawamura, Y. 96159
Chaki, S.H. *see* Agarwal, A. 81266
Chakmakjian, H. *see* Ehlert, J.C. 83203
Chakrabarti, A. *see* Banerjee, A. 98484
Chakrabarti, A. *see* Mizuno, A. 68420
Chakrabarti, A. *see* Mizuno, A. 68936
Chakrabarti, A.K., Dror, I. Technology transfers and knowledge interactions among defence firms in the USA: an analysis of patent citations 69485
Chakrabarti, C. High sample rate array architectures for median filters 49549
Chakrabarti, C. A comment on 'on prime factor mapping for the discrete Hartley transform' 61215
Chakrabarti, C. VLSI architectures for recursive median filters 70749
Chakrabarti, I. *see* Blackband, S.J. 76904
Chakrabarti, P. Designing revolution: policy for a clean and healthy electronics industry 90889
Chakrabarti, P., Mishra, B.K., Agrawalla, S.K. Effect of intensity-modulated optical radiation on the DC characteristics of GaAs MESFETs 62877
Chakrabarti, P., Saxena, V., Das, S.K., Rao, Y.S., Balaji Lal, B. Numerical model of a proposed double heterostructure light-emitting diode for mid-infrared applications 94286
Chakrabarti, P., Shrestha, S.K., Srivastava, A., Saxena, D. Switching characteristics of an optically controlled GaAs-MESFET 50682
Chakrabarti, P. *see* Mishra, B.K. 55405
Chakrabarti, P. *see* Pal, B.B. 70909
Chakrabarti, P.P. *see* Mohan, C.R. 91850
Chakrabarti, S., Chakravorty, J.N. Intensity of waves diffracted from symmetrical profile lamellar gratings 66004
Chakrabarti, S., Maiti, C.K., Bhattacharya, D. Propagation loss of magnetostatic waves in single and multilayered waveguides 82293
Chakrabarti, S., Wang, R. Adaptive control for packet video 58200
Chakrabarti, S. *see* Maskara, S.L. 83987
Chakrabarti, U.K. *see* Pearton, S.J. 55788
Chakrabarti, U.K. *see* Pearton, S.J. 62483
Chakrabarty, K., Hayes, J.P. DFBT: a design-for-testability method based on balance testing 91985
Chakraborti, A. *see* Das, A. 100818
Chakraborti, N.B. *see* Ray, S.K. 71261
Chakraborty, A., Staib, L.H., Duncan, J.S. Deformable boundary finding influenced by region homogeneity 74597
Chakraborty, A., Staib, L.H., Duncan, J.S. An integrated approach to boundary finding in medical images 76922
Chakraborty, A. *see* Satyanarayana, D. 61881
Chakraborty, A. *see* Sridevi, P.V. 73478
Chakraborty, A.K. *see* De, A.K. 94835
Chakraborty, C., Bhadra, S.N., Chattopadhyay, A.K., Biswas, S.K. A novel two phase self excited generator-series connected converter system as DC power supply 68604
Chakraborty, C., Bhadra, S.N., Das, S.P., Chattopadhyay, A.K. Some studies on the parallel operation of self excited induction generators 68603
Chakraborty, M., Prasad, S. Multichannel ARMA modeling by least squares circular lattice filtering 84353
Chakraborty, N., Chakravorti, S., Mukherjee, P.K. Artificial neural network applied to economic generation scheduling 99804

Chakraborty, T.J., Agrawal, V.D. Delay independent initialization of sequential circuits 49282
Chakraborty, T.J., Davidson, S., Maamari, F., Kwang-Ting Cheng Automatic test generation for digital electronic circuits 62936
Chakradhar, S.T., Balakrishnan, A., Agrawal, V.D. An exact algorithm for selecting partial scan flip-flops 92129
Chakradhar, S.T., Dey, S. Resynthesis and retiming for optimum partial scan 92130
Chakradhar, S.T. *see* Banerjee, S. 49341
Chakradhar, S.T. *see* Banerjee, S. 92051
Chakradhar, S.T. *see* Dey, S. 49370
Chakradhar, S.T. *see* Rivin, I. 49375
Chakravarthy, C.V. *see* Ibrahim, T.F. 96150
Chakravarti, M. *see* Sarma, A.D. 75364
Chakravarti, P.C., Barrientos, M. On a fast and accurate method for computing Fourier transforms 79530
Chakravarty, B.C. *see* Basu, P.K. 54151
Chakravarty, S., Gong, Y. Diagnostic simulation of stuck-at faults in combinational circuits 49379
Chakravorti, A.K., Emanuel, A.E. A current regulated switched capacitor static volt ampere reactive compensator 78776
Chakravorti, S., Mukherjee, P.K. Application of artificial neural networks for optimization of electrode contour 53787
Chakravorti, S. *see* Chakraborty, N. 99804
Chakravorty, G. *see* Jun-Ichi Kudoh 77725
Chakravorty, J.N. *see* Chakrabarti, S. 66004
Chakroun, N., Wu, F., Fink, M. Improvement of time reversal mirror in detection of small cracks and metallurgical defects in sample with high ultrasonic speckle noise level 99369
Chalapati, K. *see* Bhatnagar, A. 82639
Chalasani, S., Varma, A. Efficient time-slot assignment algorithms for SS/TDMA systems with variable-bandwidth beams 52460
Chalasinska-Macukow, K. *see* Ahouzi, E. 74320
Chalasinska-Macukow, K. *see* Turon, F. 51548
Chalei, A.V. *see* Karpuk, S.M. 83370
Chalker, P.R., Johnston, C., Romani, S., Ayres, C.F., Buckley-Golder, I.M. Nucleation and growth of CVD diamond on magnesium oxide (100) and titanium nitride-magnesium oxide (100) surfaces 69929
Chalker, P.R. *see* Werner, M. 81345
Challener, P. MCCOI: Multimedia communications community of interest 85447
Challenor, P.G. *see* Tokmakian, R.T. 77476
Challis, L.J. *see* Xin, Z. 62283
Challis, L.J. *see* Zinovev, N.N. 62286
Chalmers, B.J. Performance of interior-type permanent-magnet alternator 68579
Chalmers, B.J. *see* Fan Yu 78858
Chalmers, B.J. *see* Spooner, E. 54036
Chalmers, S.A., Killeen, K.P., Jones, E.D. Accurate multiple-quantum-well growth using real-time optical flux monitoring 69952
Chalmers, S.A. *see* Bo Lu 50582
Chalmers, S.A. *see* Lear, K.L. 72915
Chaloupka, H. *see* Tellmann, N. 82230
Chaloupka, H.J., Hein, M.A., Muller, G. HTS microwave applications in Europe 92549
Chaloupka, J.L. *see* Peatross, T. 64000
Chalsen, M. Automated techniques improve microwave-module assembly 61883
Chalupczak, W., Gawlik, W., Zachorowski, J. Degenerate parametric emission in dense barium vapour 94661
Chaly, T. *see* Dhawan, V. 88450
Cham, W.-K. *see* Lo, K.-T. 74561
Cham, W.-K. *see* Lo, K.-T. 95655
Cham Wai Kuen *see* Bi Mi 85195
Cham Wai Kuen *see* Lai Wai Kuen 84476
Cham Wai-Kuen *see* Wai-Kuen Cham
Chamaly, S. *see* Ventura, P. 93813
Chambat, P. Use of information and communication technologies (ICT): problem evolution 96349
Chambaudet, A., Klein, D., Berger, F., Dubois, C. Characterization of a nuclear track detector response by microtopography observations and image analysis 88201
Chambaudet, A., Pautov, V., Klein, D., Barenboim, G. Features of a new Russian track detector for radon measurement 88578
Chambaudet, A. *see* Barillon, R. 88577
Chambaudet, A. *see* Klein, D. 87979
Chamberlain, J. *see* Carlson, B. 52298
Chamberlain, O. *see* Shapiro, G. 76455
Chamberlain, R.D., Henderson, C.D. Evaluating the use of pre-simulation in VLSI circuit partitioning 70238
Chamberlain, R.D., Krchnavek, R.R. Topologies and technologies for optically interconnected multicomputers using inverted graphs 50635
Chamberlain, R.D., Krchnavek, R.R. Architectures for optically interconnected multicomputers 94225
Chamberlain, S. *see* Agwani, S. 66468
Chamberlain, S.G. *see* Gadelrab, S.M. 50009
Chamberlain, S.G. *see* Kamasz, S.R. 66471
Chamberlain, S.G. *see* Lula, J.J. 76087
Chamberland, R.P. A controlled-atmosphere reflow evaluation 62011
Chamberlin, R.P. *see* Richardson, D.J. 75505
Chamberod, E. *see* Benech, Ph. 52863
Chambers, A. *see* Pert, G.J. 92860
Chambers, B. Optimum design of a Salisbury screen radar absorber 75643
Chambers, B. Frequency tuning characteristics of capacitively loaded Salisbury screen radar absorber 86550
Chambers, B. Frequency tuning characteristics of an adaptive Jaumann radar absorber incorporating variable impedance layers 97420
Chambers, B., Tennant, A. Design of wideband Jaumann radar absorbers with optimum oblique incidence performance 86544
Chambers, B., Tennant, A. Characteristics of a Salisbury screen radar absorber covered by a dielectric skin 97383
Chambers, B. *see* Mohebbi, B.B. 51798
Chambers, B. *see* Smith, F.C. 97419
Chambers, B. *see* Wright, P.V. 73312
Chambers, J.A., Tanrikulu, O., Constantinides, A.G. Least mean mixed-norm adaptive filtering 84489
Chambers, L.G. A quick way of obtaining an approximate solution to a Sturm-Liouville problem 48738
Chambers, P. *see* Awcock, S.J. 96889
Chambonnet, D. *see* Borghs, G. 61944
Chambouleyron, I. *see* Fajardo, F. 62409
Chambouleyron, I. *see* Graeff, C.F.O. 49783
Chambouleyron, I. *see* Graeff, C.F.O. 81247
Chambouleyron, I. *see* Marcano, G. 56517
Chambouleyron, I. *see* Zanatta, A.R. 49762
Chambrier, I. *see* Crouch, D. 66525
Chamlian, S.V. *see* Silvester, P.P. 83468
Chamorovskii, S.K. *see* Kononenko, A.A. 49731
Chamorro-Posada, P., Gomez-Alcala, R., Fraile-Pelaez, F.J. Modal analysis of optical waveguides using Prony's method and BPM 73448
Champ, C.W. *see* Rigdon, S.E. 91116
Champagnat, F., Idier, J., Demoment, G. Deconvolution of sparse spike trains accounting for wavelet phase shifts and colored noise 84298
Champagne, A. *see* Maciejko, R. 82655
Champagne, B. Source detection and DOA estimation from two observations of a finite line aperture 84398
Champagne, B. Adaptive eigendecomposition of data covariance matrices based on first-order perturbations 95389
Champagne, B. *see* An, J. 95466
Champagne, Y. *see* Mailhot, S. 56772
Champaneri, R. *see* Wu, Y. 70966
Champenois, G., Roye, D., Zhu, D.S. Electrical and thermal performance predictions in inverter-fed squirrel-cage induction motor drives 69036
Champenois, G. *see* Berendsen, C.-S. 87165
Champenois, G. *see* Diallo, D. 69058
Champenois, G. *see* Diallo, D. 69110
Champenois, G. *see* Diallo, D. 90515
Champenois, G. *see* Gerbaud, L. 90499
Champenois, G. *see* Gerbaud, L. 90567
Champion, G. *see* Piva, P.G. 71178
Champion, J.V., Dodd, S.J., Stevens, G.C. Analysis and modelling of electrical tree growth in synthetic resins over a wide range of stressing voltage 56093
Champion, M., Peterson, D., Peterson, T., Reid, E., Ruschman, M. TESLA input coupler development 67071
Champion, M. *see* Kirchgessner, J. 67104
Champion, M. *see* Sun, D. 67161
Champion, M.H. *see* Mittleman, S.D. 95029
Champion, M.S. *see* Nicol, T.H. 66813
Champion, T.C., Agostinelli, F.M., Rosevear, R.D. Long term pre-qualification testing program on a 230 kV XLPE cable system 89284
Champion, T.G., Evans, J.B. A flexible multirate speech coder 73906
Champness, C.H. *see* Shukri, Z.A. 100664
Chan, A.K. *see* Blanchard, A.J. 67789
Chan, A.K. *see* Chen, J.J. 62233
Chan, A.K. *see* Cheung, A. 95631
Chan, A.K. *see* Chui, C.K. 57586
Chan, A.K. *see* Gong, X.M. 72818
Chan, A.K. *see* Lee, H.J. 57585
Chan, C. *see* Meassick, S. 62077
Chan, C. *see* Meassick, S. 99189
Chan, C.-F., Chui, S.-P. Efficient codebook search procedure for vector-sum excited linear predictive coding of speech 95323
Chan, C.-K., Chen, L.-K. Efficient frequency assignment scheme for intermodulation distortion reduction in fibre-optic microcellular systems 97142
Chan, C.-K., Ma, C.-K. A fast method of designing better codebooks for image vector quantization 51654
Chan, C.C. Present status and future trends of electric vehicles 60562
Chan, C.C., Chau, K.T. Power electronics challenges in electric vehicles 90613
Chan, C.C., Chen, P., Yao, R., Zhu, J., Chau, K.T. Analysis of electromagnetic forces of large turbine generators 60158
Chan, C.C., Jiang, J.Z., Chen, G.H., Wang, X.Y., Chau, K.T. A novel polyphase multipole square-wave permanent magnet motor drive for electric vehicles 54227
Chan, C.C., Jiang, J.Z., Chen, G.H., Wang, X.Y., Chau, K.T. A novel polyphase multipole square-wave permanent magnet motor drive for electric vehicles 90600
Chan, C.C., Kwok-Tong Chau Spectral modeling of switched-mode power converters 78721
Chan, C.C., Lietong Yan, Pizhang Chen, Zezhong Wang, Chau, K.T. Analysis of electromagnetic and thermal fields for induction motors during starting 60215
Chan, C.C., Wang, H.-W. A novel sliding mode control method for induction motor drives 60544
Chan, C.C. *see* Chau, K.T. 100281
Chan, C.F. Efficient interconversion algorithm for PARCOR and LSP parameters 95342
Chan, C.F., Vella, M.C. Design of a merging beamlet pre-accelerator for an electrostatic quadrupole accelerator (ESQ) 76421
Chan, C.F. *see* Chu, M.T. 95227
Chan, C.F. *see* Chui, S.P. 95330
Chan, C.F. *see* Law, K.W. 95336
Chan, C.F. *see* Yu, W.M.E. 95335
Chan, C.H., Kipp, R.A. An improved implementation of triangular-domain basis functions for the analysis of microstrip interconnects 73424
Chan, C.H., Sangani, H., Yee, K.S., Elson, J.T. A finite-difference time-domain method using Whitney elements 94937
Chan, C.H. *see* Elson, J.T. 94943
Chan, C.H. *see* Kipp, R.A. 57041
Chan, C.H. *see* Kipp, R.A. 64200
Chan, C.H. *see* Li, L. 73256
Chan, C.K. *see* Lu Jin 84578
Chan, C.K.S. Customer service calls handling system 59808
Chan, C.L. *see* Banham, M.R. 84774
Chan, C.S. *see* Asundi, A. 87535
Chan, C.S. *see* Asundi, A.K. 87514
Chan, D. *see* Hsu, J.-T. 62994
Chan, D. *see* Viswanathan, C.R. 50031
Chan, D. *see* Xiaoyu Li 50015
Chan, D.S., Wan, C.C. Influence of PTFE dispersion in the catalyst layer of porous gas-diffusion electrodes for phosphoric acid fuel cells 68988
Chan, D.S., Wan, C.C. Effect of structure on porous gas-diffusion electrodes for phosphoric acid fuel cells 68992
Chan, D.S.H. *see* Pey, K.L. 63595
Chan, E., Panchanathan, S. Review of block matching based motion estimation algorithms for video compression 85153
Chan, E. *see* Ng, J.M. 65816
Chan, E. *see* Ng, J.M. 85914
Chan, E. *see* Tollefson, G. 59781
Chan, F., Haccoun, D. Variable-rate punctured trellis-coded modulation and applications 73619
Chan, F.H.Y., So, A.T.P. Application of thermography in monitoring major consumer electricity consumption patterns 60489
Chan, F.H.Y. *see* Lo, T.F. 98922
Chan, H. *see* Krtolica, R. 57927
Chan, H.-H. *see* Wong, P.-C. 96941
Chan, H.A. A formulation of environmental stress testing and screening 54487
Chan, H.A. Component reliability problems: their origins and manifestations 91155
Chan, H.A., Englert, P.J., Oien, M.A., Rajaram, S.R. Environmental stress testing 60927
Chan, H.L.W., Whitnall, D.F., Dencher, P.R. PVDF hydrophone and hydrophone array with side-looking elements 76903
Chan, J., Tai, T.H. Performance measurement of power utilities in Hong Kong 59833
Chan, J.H.S., Tsang, D.H.K. Bandwidth allocation of multiple QOS classes in ATM environment 64953
Chan, K. *see* Medicherla, T.K.P. 60392
Chan, K. *see* Rashid, E. 92286
Chan, K.-K. *see* Yang, W.-H. 51522
Chan, K.C.D. *see* Nguyen, D.C. 83193
Chan, K.D.C. *see* Sheffield, R.L. 76385
Chan, K.H., Hagood, N.W. Modelling of nonlinear piezoceramics for structural actuation 82160
Chan, K.H. *see* Wong, P.C. 75481
Chan, K.K. *see* Hsu, F. 83881
Chan, K.L., Kwong, S., Longginnou, L. Security management on mobile-phone communication 97101
Chan, K.L. *see* Chan, K.W. 95914
Chan, K.L. *see* Leung, S.O. 85189
Chan, K.L. *see* Wong, S.H. 76892
Chan, K.M. *see* Duncan, R.A. 49192
Chan, K.P., Yamada, M., Inaba, H. Micrometre-resolution, optical imaging of objects through highly scattering media using a heterodyne detector array 98811
Chan, K.S. *see* Liang, M.J. 71552
Chan, K.S. *see* Luo, W.-G. 56107
Chan, K.W., Chan, K.L. An adaptive pattern based image coding technique using visual pattern and texture pattern 95914
Chan, K.W., Daniels, A.R., Dunn, R.W., Berry, T. A partitioning algorithm for parallel processing of large power systems network equations 59826
Chan, L., Boothroyd, S., Chrostowski, J., Syrett, B. High bandwidth memory system using wavelength multiplexed volume holograms 94048
Chan, M., Assaderaghi, F., Parke, S.A., Yuen, S.S., Chenming Hu, Ko, P.K. Recess channel

structure for reducing source/drain series resistance in ultra-thin SOI MOSFETs 93479
Chan, M., Levitan, E., Herman, G.T. Image-modeling Gibbs distributions for Bayesian restoration 57813
Chan, M. *see* Kooi, J.W. 61612
Chan, M. *see* Ma, Z.J. 62775
Chan, M. *see* Ma, Z.J. 62784
Chan, M.A., Collins, D., Smith, R.L. A micromachined pressure sensor with fiber-optic interferometric readout 66382
Chan, M.A.C. *see* Chong, C.S. 88191
Chan, M.F., Demokan, M.S. On-line fault location system for overhead power transmission lines using passive quasi-distributed fibre optic sensing 59964
Chan, M.H.L., Friedman, D., Donaldson, R.W. Performance enhancement using forward error correction on power line communication channels 68049
Chan, M.P., Demokan, M.S. Comparison of soliton transmission schemes incorporating lumped fibre amplifiers 86493
Chan, M.V. *see* Lacey, J.P.R. 86439
Chan, N.L.B. Multipath propagation effects on a CDMA cellular system 97148
Chan, P.K., Schlag, M.D.F., Zien, J.Y. Spectral K-way ratio-cut partitioning and clustering 80017
Chan, P.K. *see* Wilson, G. 49120
Chan, P.T.H., Palaniswami, M., Everitt, D. Neural network-based dynamic channel assignment for cellular mobile communication systems 65653
Chan, R. *see* Schlageter, J. 70389
Chan, R.H.T., Tam, P.K.S., Kwok, D.P., Cheung, P.W.M. Hardware implementation of a neural network based path planning algorithm by using the VHDL 80542
Chan, R.Y., Liu, J.M. Time-domain wave propagation in optical structures 83766
Chan, S. Distributed congestion control for ATM networks 85229
Chan, S. *see* Alexander, J.P. 59072
Chan, S. *see* Alexander, J.P. 70305
Chan, S.-H.G., Kobayashi, H. Performance analysis of Shufflenet with deflection routing 96269
Chan, S.C., Kok, C.W. Perfect reconstruction modulated filter banks without cosine constraints 80465
Chan, S.C. *see* Lu Jin 84578
Chan, S.H., Zhao, Y. Development of a comprehensive engine-transmission simulation model for battle field vehicles 88937
Chan, S.K., Leon-Garcia, A. Analysis of cell interarrival from VBR video codecs 66038
Chan, S.K. *see* Gott, G.F. 94831
Chan, S.P. Learning friction compensation in robot manipulators 90914
Chan, S.P., Lee, C.Y., Mital, D.P. A disturbance observer for robotic assembly of odd form electronic components 90927
Chan, S.W.K., Franklin, J. A neural network model for acquisition of semantic structures 95301
Chan, T., Poulin, M. DVTR selection for CBC Toronto—the evaluation process 97693
Chan, T.F. Steady-state analysis of self-excited induction generators 78616
Chan, T.F., Szeto, T. A composite step conjugate gradients squared algorithm for solving nonsymmetric linear systems 61172
Chan, T.F. *see* Bank, R.E. 61160
Chan, T.F. *see* Lorenzelli, F. 74212
Chan, T.K., Morcos, M.M. On the use of IGBT-gated GTO-cascode switches in quasi-resonant converters 68740
Chan, T.W., Rahman, M.A. A low cost remote alarm for industrial power systems 68327
Chan, W.L., So, A.T.P. Fuzzy arithmetic based power harmonics signature recognition 59923
Chan, W.L., So, A.T.P., Li, K.C. Real time data compression for power system monitoring using programmable gate array 99788
Chan, W.L. *see* So, A.T.P. 88478
Chan, W.L. *see* Tso, S.K. 77873
Chan, W.S. *see* Shah, D.K. 93731
Chan, W.S. *see* Shah, D.K. 93778
Chan, W.W. *see* Yuen, K.S.Y. 96101
Chan, Y.-H., Siu, W.-C. Generalized approach for the realization of discrete cosine transform using cyclic convolutions 84268
Chan, Y.D. Using SEMATECH electrical test structures in assessing plasma induced damage in poly etching 81513
Chan, Y.D. *see* Awadelkarim, O.O. 81479
Chan, Y.D. *see* Fonash, S.J. 71339
Chan, Y.D. *see* Gu, T. 93379
Chan, Y.Fai *see* Fai Chan, Y.
Chan, Y.H. *see* Hau, S.S.F. 84482
Chan, Y.J., Yeh, T.-J., Kuo, J.-M. $In_{0.49}Ga_{0.15}P/In_{0.15}Ga_{0.85}As$ heterostructure pulsed doped-channel FETs 62898
Chan, Y.T. A 1-D search solution for localization from frequency measurements 84569
Chan, Y.T., Ho, K.C. A simple and efficient estimator for hyperbolic location 74184
Chan, Y.T. *see* So, H.C. 74055
Chan, Y.T. *see* So, H.C. 74085
Chan Chee-Keong *see* Chan Tat-Wai 78677
Chan Cheung-Fat *see* Cheung-Fat Chan
Chan Chok-Ki *see* Chok-Ki Chan
Chan Choong Wah Design of a gate array matrix processor 70405
Chan Choong Wah, Lee Bu Sung, Pang Siam Chuan, Pung Kuin Sen Integrated medical practitioner network 74973
Chan Chorkin *see* Chorkin Chan
Chan Chun Fai *see* Chun Fai Chan
Chan Chun Kin *see* Chun Kin Chan
Chan Chung *see* Chung Chan
Chan Gyung Park *see* Kwang Ho Kim 81245
Chan Heang-Ping *see* Heang-Ping Chan
Chan Hee Hong *see* Jeong Hyun Kim 55944
Chan Jong Park *see* Seung-Moon Yoo 70533
Chan Joo Lee *see* Joo Yeol Lee 70890
Chan Jung Youn *see* Youn Chan Jung
Chan Kap Luk *see* Toh Peng Seng 95944
Chan Kim Won *see* Won Chan Kim
Chan Kin-Pui *see* Kin-Pui Chan
Chan Kit-Man *see* Kit-Man Chan
Chan Ko Sung *see* Sung Chan Ko
Chan Kuang Min *see* Sebko, V.V. 83516
Chan Kwon Hyuk *see* Hyuk Chan Kwon
Chan Kye Yong *see* Yong Chan Kye
Chan Mansun *see* Mansun Chan
Chan Moon Dong *see* Dong Chan Moon
Chan Park Hee *see* Hee Chan Park
Chan Shih-Hsiung *see* Shih-Hsiung Chan
Chan Syin *see* Syin Chan
Chan Tat-Keung *see* Tat-Keung Chan
Chan Tat-Wai, Chan Chee-Keong, Gooi Hoay-Beng Detection of magnetizing inrush current using artificial neural network 78677
Chan Vei-Han *see* Vei-Han Chan
Chan Wai-Yip *see* Wai-Yip Chan
Chan Whang Keum *see* Keum Chan Whang
Chan Yi-Jen *see* Yi-Jen Chan
Chan Yin-Hei *see* Yin-Hei Chan
Chan Yuk-Hee *see* Yuk-Hee Chan
Chan-Shin Chou Michelson Interferometric fiber sensor for beam vibration control 98074
Chan-Yao Chen *see* Chen Chan-Yao
Chanana, R.K. *see* Upadhyay, H.N. 62459
Chance, F.D. Conjectured upper bounds on transient mean total waiting times in queuing networks 74677
Chance, K., Wijnbergen, J.J., Schneider, W., Burrows, J.P. The OHIO concept: a baseline design for satellite-based measurements of stratospheric OH 67811
Chancelier, J.-P., Renaud, A. Daily generation scheduling: decomposition methods to solve the hydraulic problems 60123
Chancellor, R. Semicustom power supplies: what are they? a survey of AC/DC off-line switching power supply standardization 60361
Chanchani, R. *see* Narayanan, R. 91008
Chand, M., Chu, S.N.G., Dutta, N.K., Lopata, J., Geva, M., Syrbu, A.V., Mereutza, A.Z., Yakovlev, V.P. Growth and fabrication of high-performance 980-nm strained InGaAs quantum-well lasers for erbium-doped fiber amplifiers 63775
Chand, S. *see* Abdelnour, G. 57572
Chand, S. *see* Agnihotri, R.K. 54579
Chanda, B. *see* Basak, J. 51586
Chanda, B. *see* Koundinya, K.N.V.L.N. 57722
Chandekar, S.M. Effects of under-frequency operation of the power system on the performance of 400 kV transmission line 99694
Chander, M. *see* Rioux, D. 55762
Chander, M. *see* Rioux, D. 81502
Chander, S. *see* Sharma, A. 55517
Chander, S. *see* Singh, V.V.P. 55380
Chandler, A. *see* Gidney, E. 75713
Chandler, J.D., Jr. Rational moment problems for compact sets 79579
Chandler, K. *see* Castaneda, C. 62012
Chandler, N., Tyler, S.G. Ultra-fine feature printed circuits and multi-chip modules 54494
Chandler, N., Tyler, S.G. MCM-L technology 54499
Chandler, P.J. *see* Hamelin, N. 73017
Chandler, P.J. *see* Townsend, P.D. 73018
Chandler, P.J. *see* Zhang, L. 63745
Chandler, R.M. *see* Davenport, B.A. 75135
Chandler, S.A.G. *see* Ni, J. 86038
Chandler, S.T., Trewby, P.N. Is respiratory sinus arrhythmia present in atrial fibrillation? A study using two quantitative methods 67593
Chandler-Wilde, S.N. Some uniform stability and convergence results for integral equations on the real line and projection methods for their solution 48879
Chandler-Wilde, S.N. *see* Levesley, J. 79735
Chandna, A., Brown, R.B. An asynchronous GaAs MESFET static RAM using a new current mirror memory cell 92175
Chandonnet, A., Larose, G., Painchaud, Y. All-fibre intensity modulator for Q-switching 56680
Chandorkar, M.C., Divan, D.M., Hu, Y., Banerjee, B. Novel architectures and control for distributed UPS systems 68817
Chandorkar, M.C. *see* Johnson, B.K. 89205
Chandra, A., Dessaint, L.-A., Saad, M., Al-Haddad, K. Implementation of self-tuning algorithms for reference tracking of a DC drive using a DSP chip 54166
Chandra, R. Dynamic response of composite beams with induced-strain actuators 82200
Chandra, R. *see* Janakiram, V.K. 75217
Chandra, R. *see* Shail 60094
Chandra, R. *see* Sodha, M.S. 78352
Chandra, S. *see* Kumar, N.D. 79928
Chandra, T. *see* Abdulghafour, M. 51692
Chandra, T. *see* Abidi, M.A. 74590
Chandra Mouly, M.C. *see* Subbaiah, P.V. 51223
Chandrakasan, A., Burstein, A., Brodersen, R.W. A low power chipset for portable multimedia applications 96891
Chandrakumar, V., Alouini, M.-S., Thomine, J.-B., Georges, T., Pinio, F. Combination of in-line filtering and receiver dispersion compensation for an optimized soliton transmission 75464
Chandrakumar, V., Thomine, J.-B., Pirio, F. Numerical simulations for power margins in soliton transmission systems over transoceanic distances 97322
Chandramouli, V., Maziar, C.M., Campbell, J.C. Design considerations for high performance avalanche photodiode multiplication layers 56551
Chandramouli, V. *see* Wang, X.L. 62644
Chandran, B. *see* Goforth, R.C. 98315
Chandran, S. *see* Balasubramanian, S. 96946
Chandrasekar, V., Hubbert, J., Bringi, V.N., Meischner, P.F. Analysis and interpretation of dual-polarized radar measurements at $+45°$ and $-45°$ linear polarization states 99204
Chandrasekar, V. *see* Gorgucci, E. 99209
Chandrasekar, V. *see* Zrnic, D.S. 53539
Chandrasekaran, A. *see* Sudha, S.A. 89949
Chandrasekaran, S., Ipsen, I.C.F. Backward errors for eigenvalue and singular value decompositions 69842
Chandrasekhar, P., Natarajan, R., Sujatha, H.S. Confidence limits for steady state availability of systems 54581
Chandrasekhar, S. The progress and performance of long wavelength OEIC photoreceivers incorporating heterojunction bipolar transistors 97281
Chandrasekhar, S., Lunardi, L.M., Hamm, R.A., Qua, G.J. Eight-channel p-i-n/HBT monolithic receiver array at 2.5 Gb/s per channel for WDM applications 58424
Chandrasekhar, S., Lunardi, L.M., Hamm, R.A., Qua, G.J. Eight-channel p-i-n/HBT monolithic receiver array at 2.5 Gb/s per channel for WDM applications 97292
Chandrasekhar, S. *see* Kirtania, A.K. 55927
Chandrasekhar, S. *see* Lunardi, L. 86322
Chandrasekharaiah, H.S. *see* Narendra, K.G. 77929
Chandrasekharan, N. *see* Hannenhalli, S. 65308
Chandrashekhara, K., Tenneti, R. Thermomechanical modeling of laminated plates with piezoelectric sensors and actuators 93766
Chandrashekhara, K. *see* Okafor, A.C. 91669
Chandrokar, M.C., Divan, D.M., Banerjee, B. Control of distributed UPS systems 100275
Chandross, E.A. *see* Munzel, N. 81617
Chandy, J.A. *see* Kim, S. 55039
Chanel, M. *see* Caspers, F. 76450
Chaney, R. *see* Baumbaugh, B. 59149
Chaney, R.D., Willsky, A.S., Novak, L.M. Coherent aspect-dependent SAR image formation 75629
Chang, A. *see* Stone, P. 100872
Chang, A. *see* Wilsun Xu 78062
Chang, B.-H. *see* Lee, J.-H. 95654
Chang, C. *see* Hung, K.-M. 93321
Chang, C. *see* Taur, Y. 62851
Chang, C.-C. *see* Liu, J.-C. 55154
Chang, C.-F., Sheu, B.J. A multichip module design for portable video compression systems 54512
Chang, C.-I., Cheng, Y., Wang, J., Althouse, M.L.G., Mann-Li Chang Progressive edge extraction using multistage predictive coding 95907
Chang, C.-I. *see* Harsanyi, J.C. 77322
Chang, C.-J., Hwang, L.-C. A new recursive method for the mean waiting time in a polling network with gated general order service 96203
Chang, C.-M. *see* Lin, J.-F. 94291
Chang, C.-N., Cheng, J.-F. Fullwave analysis of multilayer microstrip lines 57194
Chang, C.-S. *see* Hsiao-Hua Wu 56796
Chang, C.-Y. *see* Shin, N.-F. 66343
Chang, C.C., Chang, C.Y., Collins, G. Prospects for a solar neutrino detector with LiI(Eu) 59171
Chang, C.C., Sagrario, D., Job, L., Sirkis, J.S. Using standard interferometric sensors for high temperature strain measurements 98073
Chang, C.C. *see* Ming-Yung Ko 83928
Chang, C.C. *see* Sirkis, J.S. 91664
Chang, C.E., Asbeck, P.M., de la Houssaye, P.R., Imthurn, G., Garcia, G.A., Lagnado, I. Microwave characterization of sub-micron n- and p-channel MOSFETs fabricated with thin film Silicon-on-Sapphire 92540
Chang, C.E., Asbeck, P.M., Tran, L.T., Streit, D.C., Oki, A.K. Novel HBT structure for high f_t at low current density 93344
Chang, C.E., Kwok, C.Y., Asbeck, P.M. Effects of layout variations on noise figure in a digital GaAs MESFET technology 71824

Chang, C.E. *see* Cheskis, D. 63035
Chang, C.F. *see* Ma, Y. 70516
Chang, C.G., Tan, H.H. Queueing analysis of explicit policy assignment push-out buffer sharing schemes for ATM networks 64926
Chang, C.H., Chen, H.H., Hwang, C.S., Hwang, G.J., Tseng, P.K. Design and performance of the SRRC quadrupole magnets 87618
Chang, C.H., Hwang, C.S., Hwang, C.P., Hwang, G.J., Tseng, P.K. Design, construction and measurement of the SRRC sextupole magnets 87682
Chang, C.H., Liu, H.C., Hwang, G.J. Design and performance of the dipole magnet for the SRRC storage ring 76694
Chang, C.H. *see* Alqaed, A.M. 96151
Chang, C.H. *see* Chang, H.P. 76581
Chang, C.H. *see* Tsui, B.Y. 62403
Chang, C.L., Xiaoqing Xiang, Jianshi Li An analysis of the eddy current problem by the least-squares finite element in 2-D 57038
Chang, C.P. *see* Cheung, K.P. 55757
Chang, C.P. *see* Kamgar, A. 71820
Chang, C.P. *see* Liu, C.T. 93616
Chang, C.R., Yao, C.G., Swenson, D.A., Funk, L.W. Computer simulation and cold model testing of CCL cavities 67072
Chang, C.R. *see* Guharay, S.K. 53125
Chang, C.R. *see* Guharay, S.K. 59042
Chang, C.R. *see* Guy, F.W. 66876
Chang, C.S. Model-based fuzzy control of power system static/dynamic security using the pattern recognition approach 77893
Chang, C.S., Srinivasan, D., Liew, A.C. A hybrid model for transient stability evaluation of interconnected longitudinal power systems using neural network/pattern recognition approach 59721
Chang, C.S. *see* Srinivasan, D. 53848
Chang, C.T. *see* Imthurn, G.P. 72651
Chang, C.V.J.M., Rijpers, J.C.N. Reactive ion etching of AlInGaP and GaAs in $SiCl_4/CH_4$/Ar-based plasmas 55793
Chang, C.Y., McVittie, J.P., Li, J., Saraswat, K.C., Lassig, S.E., Dong, J. Profile simulation of plasma enhanced and ECR oxide deposition with sputtering 93172
Chang, C.Y. *see* Chang, C.C. 59171
Chang, C.Y. *see* Chang, E.Y. 80662
Chang, C.Y. *see* Chen, H.R. 81811
Chang, C.Y. *see* Chen, H.R. 81826
Chang, C.Y. *see* Chen, P.A. 72822
Chang, C.Y. *see* Cheng, T.M. 54819
Chang, C.Y. *see* Hsieh, S.W. 93063
Chang, C.Y. *see* Jung, T.G. 93313
Chang, C.Y. *see* Lin, H.C. 79964
Chang, C.Y. *see* Shy, S.L. 81611
Chang, D., Gonzalez, T.F., Ibarra, O.H. A flow based approach to the pin redistribution problem for multi-chip modules 48667
Chang, D. *see* Yu-Liang Wu 92160
Chang, D.C. *see* Jankovic, D. 94763
Chang, D.C. *see* Ueng, S.Y. 55819
Chang, D.D., Crawford, P.A., Fulton, J.A., McBride, R., Schmidt, M.B., Sinitski, R.E., Wong, C.P. An overview and evaluation of anisotropically conductive adhesive films for fine pitch electronic assembly 92793
Chang, D.Y., Ueng, H.Y. Defect chemistry of $CuInSe_2$ 62215
Chang, E., Zahkor, A. Scalable video coding using 3-D subband velocity coding and multirate quantization 85055
Chang, E., Zakhor, A. Variable bit rate MPEG video storage on parallel disk arrays 86706
Chang, E. *see* Dillon, T.S. 59865
Chang, E.Y., Lin, K.C., Liu, E.H., Chang, C.Y., Chen, T.H., Chen, J. Submicron T-shaped gate HEMT fabrication using deep-UV lithography 80662
Chang, E.Y. *see* Janne-Wha Wu 69958
Chang, E.Y. *see* Kun-Chuan Lin 81338
Chang, E.Y. *see* Lee, D.J. 70524
Chang, F. *see* Martin, M.Z. 93330
Chang, F.-Y. Transient simulation of frequency-dependent nonuniform coupled lossy transmission lines with double orthogonal expansions and recursive convolution integrations 55100
Chang, F.C., Kino, G.S., Studenmund, W.R. Development of a deep-UV correlation microscope 87521
Chang, F.D. *see* Jiang, S.H. 88061
Chang, F.T. *see* Jiang, S.H. 98572
Chang, G., Rofougaran, A., Mong-Kai Ku, Abidi, A.A., Samueli, H. A low-power CMOS digitally synthesized 0-13 MHz agile sinewave generator 91932
Chang, G. *see* Jennings, C. 100732
Chang, G. *see* Rauch, G.B. 89316
Chang, H., Grundbacher, R., Jovanovic, D., Leburton, J.-P., Adesida, I. A laterally tunable quantum dot transistor 81963
Chang, H. *see* Gu, S.Q. 56526
Chang, H. *see* Izzard, M.J. 70712
Chang, H.-C. *see* Wu, T.L. 63384
Chang, H.F. *see* Chen, C.R. 56541
Chang, H.K.-C., Shing-Hong Chen Extended predictive data coding scheme for Chinese text files 73674
Chang, H.P., Chang, C.H., Kuo, C.C., Wang, M.H., Lee, J.C., Fan, J.Y., Tsai, H.J., Hsue, C.S. Machine Physics Application Program for control, commissioning and error findings for storage rings 76581
Chang, I. *see* Ferguson, R. 71450
Chang, I.C. Acousto-optic modulator with wide bandwidth and large angular aperture 72499
Chang, J., Dobroff, V., Chung, T. Challenges and solutions for MCM thermal management 90974
Chang, J. *see* Allen, M.S. 85812
Chang, J.-W. *see* Petek, B. 50232
Chang, J.C.P. *see* Tu, C.W. 55641
Chang, J.J. Time-resolved beam-quality characterization of copper-vapor lasers with unstable resonators 50912
Chang, J.J., Boley, C.D., Martinez, M.W., Molander, W.A., Warner, B.E. Beam characteristics of a large-bore copper laser with a radiatively cooled plasma 82901
Chang, J.S., Looy, P.C., Pevler, J., Yoshioka, T., Nagai, K. Reduction of NO_x from a combustion flue gas by a corona radical injection method 68419
Chang, J.S., McLinden, C.A., Berezin, A.A., Looy, P.C. Modelling of quadrupole cold precharger dust particle charging characteristics 64106
Chang, J.S., Soukas, A.V. The AGS new fast extracted beam system orbit bump pulser 67188
Chang, J.S. *see* Jayaram, S. 64111
Chang, J.S. *see* Kanazawa, S. 64108
Chang, J.T. *see* Brodwin, M.E. 90667
Chang, J.W. *see* Trouilloud, P.L. 63175
Chang, J.Y.-C., Abidi, A.A. A 750 MHz RF amplifier in 2-μm CMOS 70315
Chang, J.Z., Allebach, J.P. Optimal sequential scalar quantization of vectors 95523
Chang, K. *see* Carroll, J.M. 73525
Chang, K. *see* Carroll, J.M. 92499
Chang, K. *see* Javor, R.D. 64242
Chang, K. *see* Javor, R.D. 83865
Chang, K. *see* Kanamaluru, S. 82336
Chang, K. *see* Li, M.-Y. 73537
Chang, K. *see* McSpadden, J.O. 80867
Chang, K. *see* Magerko, M.A. 80860
Chang, K. *see* Navarro, J. 51244
Chang, K. *see* Navarro, J. 83854
Chang, K.-T. *see* Mittelmann, H.D. 54783
Chang, K.C. Tracking and fusion using multiple sensors 86536
Chang, K.C., Sandhu, D. Delay analyses of token-passing protocols with limited token holding times 96751
Chang, K.C. *see* Elkordy, M.F. 87007
Chang, K.H., Lee, B.U., Sohn, E., Park, Y.J. An experimental digital HDTV video decoder system 97645
Chang, K.H. *see* Tsai, K.L. 52868
Chang, K.H. *see* Tsai, K.L. 75979
Chang, K.W., Lin, E.W., Wang, H., Tan, K.L., Ku, W.H. A W-band monolithic, singly balanced resistive mixer with low conversion loss 80755
Chang, K.W. *see* Huei Wang 49668
Chang, K.W. *see* Wang, H. 80766
Chang, K.W. *see* Wang, H. 92614
Chang, L. Comparison of AC drives for electric vehicles—a report on experts' opinion survey 90584
Chang, L. *see* Khoury, J.A. 90538
Chang, L. *see* Pan, F.-M. 91623
Chang, L.F., Cruz, W., Harasty, D.J., Noerpel, A.R. Architecture alternative for wireless data services: interworking with voiceband modem 86171
Chang, L.H. *see* Jia, Q.X. 93744
Chang, L.H. *see* Shi, Z.Q. 100748
Chang, M., Owyang, K. From Chapter 11 to World Class Manufacturing 60891
Chang, M. *see* Chinn, J. 62461
Chang, M. *see* Ta-Kang Ma 53640
Chang, M. *see* Ta-Kang Ma 77948
Chang, M. *see* Tsui, A.C. 55995
Chang, M.F. *see* Cheskis, D. 63035
Chang, M.H. *see* Song, P.S. 87799
Chang, M.M., Tekalp, A.M., Sezan, M.I. Motion-field segmentation using an adaptive MAP criterion 84948
Chang, N.H. *see* Keh-Jeng Chang 71431
Chang, P., Liang, C.P., Hsiao, J.C. An automatic bridge for inductive voltage dividers 86961
Chang, P.-R., Tai, C.C. Model-reference neural color correction for HDTV systems based on fuzzy information criteria 52703
Chang, P.-R. *see* Yang, W.-H. 51522
Chang, P.H., Lee, J.W. An observer design for time delay control and its application to DC servomotor 60258
Chang, P.N. *see* Shahidi, G.G. 71797
Chang, P.R. *see* Hsu, F. 83881
Chang, P.S.-T., Kohyama, Y., Kakuma, M., Sudo, A., Asao, Y., Kumagai, J., Matsuoka, F., Ishiuchi, H., Sawada, S. High performance deep submicron buried channel PMOSFET using P^+ poly-Si spacer induced self-aligned ultra shallow junctions 62852
Chang, P.T. *see* Shen, C.C. 71586
Chang, R.-I., Hsiao, P.-Y. Force directed self-organizing map and its application to VLSI cell placement 55092
Chang, R.-I., Hsiao, P.-Y. Genetic algorithms for the module orientation problem 70254
Chang, R.C. *see* Su, Yu.T. 75185
Chang, R.E., Richie, S.M., Casey, K.J., Malocha, D.C. Imaging of electrostatic electric fields of SAW structures using electro-optic effects 99346
Chang, R.L. *see* Harrisson, W.A. 89597
Chang, R.P.H. *see* Fulin Xiong 94638
Chang, R.P.H. *see* Grannen, K.J. 79922
Chang, R.P.H. *see* Zhang, T.G. 94659
Chang, R.S. *see* Hsiao, J.Y. 91327
Chang, S. *see* Rokugawa, S. 77276
Chang, S.-C. *see* Liao, D.-Y. 48652
Chang, S.-L. *see* Mistry, S.I. 60516
Chang, S.E., Szygenda, S.A. Automatic functional model generation for parallel fault and design error simulations 91807
Chang, S.F., Messerschmitt, D.G. A new approach to decoding and compositing motion-compensated DCT-based images 85039
Chang, S.H., Ki Jeon, Bae, M.H., Park, S.B. Sampling-point-wise digital dynamic focusing in the receive mode of an ultrasonic linear array imaging system 98788
Chang, S.J., Takahei, K. Studies of GaAs:Er impact excited electroluminescence devices 72615
Chang, S.K. *see* Lee, C.D. 69992
Chang, S.K. *see* Lee, C.D. 79786
Chang, S.S. *see* Chao, T.-H. 97592
Chang, T., Jian Gang Zhu Angular dependence measurement of individual barium ferrite recording particles near the single domain size 63196
Chang, T., Zhu, J.-G. Effects of nonuniform substitution on the reversal process of individual barium ferrite recording particles 56214
Chang, T.-S., Chen, T.-R., Chen, C.-W. Scheduling for IC sort and test 69533
Chang, T.C. *see* Jung, T.G. 93313
Chang, T.C. *see* Lin, H.C. 79964
Chang, T.K., Langley, R.J., Parker, E.A. Frequency selective surfaces on biased ferrite substrates 73524
Chang, T.Y. *see* Hong, J.H. 65759
Chang, T.Y. *see* Huang, J.-H. 81302
Chang, T.Y. *see* Khan, M.N. 52289
Chang, T.Y. *see* Zucker, J.E. 82730
Chang, V.W.W., Liu, P.C.K., Li, K.C. A theoretical approach for solving the post-fabrication tuning problem 70219
Chang, W., Bosworth, B., Carter, G.C. On using backpropagation neural networks to separate single echoes from multiple echoes 75664
Chang, W., Kam, M. Asynchronous distributed detection 73945
Chang, W., Rorres, C., Kam, M. Distributed detection with memory 51543
Chang, W. *see* Dudok, E. 57240
Chang, W. *see* Liu, Y. 59140
Chang, W. *see* Pawlowski, J. 76920
Chang, W.-D., Chin, T.-S., Deng, M.-C. High coercivity Co-Mn modified γ-Fe_2O_3 thin films for high density recording 50249
Chang, W.C. *see* Tung, M.J. 50379
Chang, W.H., Huang, L.J., Lau, W.M., Abraham, T., King, M. Study of reactive-ion-etched silicon by a novel ultrashallow depth profiling technique 49887
Chang, W.H. *see* Choi, K.K. 87195
Chang, W.H. *see* Lau, W.M. 93031
Chang, W.H. *see* Lee, C.Y. 58763
Chang, W.H. *see* Lee, C.Y. 71605
Chang, W.H.S. *see* Plichta, E.J. 68972
Chang, W.I., Huang, L.J., Lau, W.M., Mitchell, I.V., Abraham, T., King, M. Analysis and removal of impurities and defects in reactive ion etched silicon using a novel depth-profiling technique 93229
Chang, W.K., Grady, W.M., Samotyj, M.J. Meeting IEEE-519 harmonic voltage and voltage distortion constraints with an active power line conditioner 77988
Chang, W.K., Grady, W.M., Samotyj, M.J. A practical method for siting and sizing multiple active power line conditioners in a power system 89236
Chang, W.S. *see* Pais, M.R. 91085
Chang, W.S.C. *see* Chin, M.K. 50585
Chang, W.S.C. *see* Liao, H.H. 75491
Chang, W.S.C. *see* Shutong Zhou 75489
Chang, Y., Wang, X. Hybrid threshold soft decision decoding algorithm 64297
Chang, Y.-C. *see* Lee, L.-s. 84079
Chang, Y.-H. High-speed transport protocol evaluation in the VISTAnet project 57991
Chang, Y.A. *see* Chen, C.-P. 93057
Chang, Y.C. *see* Tseng, B.H. 62450
Chang, Y.F., Corliss, G. ATOMFT: solving ODEs and DAEs using Taylor series 91377
Chang, Y.H., Chen, D., Hafen, E.S., Haridas, P., Pless, I.A., Tomasi, J., Widgoff, M., Alyea, E.D., Santonico, R., Cardarelli, R., Berridge, S., Bugg, W., Du, P.Y.C. A study of meter size RPCs for large area detectors 98645
Chang, Y.H. *see* Hong, M.Y. 63838
Chang, Y.N., Moo, C.S., Jeng, J.C. Harmonic analysis of fluorescent lamps with electromagnetic ballasts 100925
Chang, Y.N. *see* Moo, C.S. 100830
Chang, Z. *see* Haspeslagh, D. 85959
Chang, Z. *see* Sevenhans, J. 97137

Chang Che San *see* Che San Chang
Chang Chein-I *see* Chein-I Chang
Chang Chen-Huei *see* Chen-Huei Chang
Chang Chen-Shiung *see* Chen-Shiung Chang
Chang Cheng-Hong *see* Cheng-Hong Chang
Chang Cheng-Shang *see* Cheng-Shang Chang
Chang Chi Shih *see* Chi Shih Chang
Chang Chih-Chiang *see* Chih-Chiang Chang
Chang Chih-Lien *see* Chih-Lien Chang
Chang Chih-Sheng *see* Chih-Sheng Chang
Chang Chin *see* Chin Chang
Chang Chin-Chen *see* Chin-Chen Chang
Chang Chin-Yuan *see* Chin-Yuan Chang
Chang Ching Lung *see* Ching Lung Chang
Chang Ching-Ray *see* Ching-Ray Chang
Chang Ching-Ten *see* Ching-Ten Chang
Chang Chip-Hong *see* Chip-Hong Chang
Chang Chir-Weei *see* Chir-Weei Chang
Chang Chran-Ham *see* Chran-Ham Chang
Chang Chu Rui *see* Chu Rui Chang
Chang Chuan-Ming *see* Chuan-Ming Chang
Chang Chun Yun *see* Chun Yun Chang
Chang Chun-Shi *see* Chun-Shi Chang
Chang Chun-Yen *see* Chun-Yen Chang
Chang Chung-Fu *see* Chung-Fu Chang
Chang Chung-Hsun *see* Chung-Hsun Chang
Chang Chung-Ju *see* Chung-Ju Chang
Chang Chung-Liang *see* Chung-Liang Chang
Chang Chuntian *see* Chang Yan 86743
Chang Do Il *see* Do Il Chang
Chang Fung-Yuel *see* Fung-Yuel Chang
Chang Geun Song Improved direct parallel method of Poisson equation with Neumann boundary condition 64264
Chang Goo Kang, Dae Young Kim Digital multisignature schemes in electronic contract systems 73675
Chang Guosheng *see* Chen Qiaofu 89818
Chang Gyu Hwang *see* Seung-Moon Yoo 70533
Chang Gyun Kim, Man Hee Do, Sang Bae Kim Electrical derivative characteristics of laser diodes 83074
Chang Hao Design of modulation controller to damp power oscillations of parallel AC line in the Tianshenqiao to Guangdong HVDC transmission 99649
Chang He Fei *see* He Fei Chang
Chang Hea-Dong *see* Hea-Dong Chang
Chang Hong-Chan *see* Hong-Chan Chang
Chang Hong-Young *see* Hong-Young Chang
Chang Hoon Choi *see* Byung Sik Chun 71689
Chang Hoon Lee, Seog Tae Han Q-band beam-lead single-ended mixer 70891
Chang Hoon Lee *see* Seog Tae Han 70889
Chang Hsien-Chang *see* Hsien-Chang Chang
Chang Hsin-Chin *see* Hsin-Chin Chang
Chang Hua *see* Shu, J. 92523
Chang Huang *see* Huang Chang
Chang Huang Wen *see* Wen Chang Huang
Chang Hung-Chun *see* Hung-Chun Chang
Chang Hye Kyung *see* Hye Kyung Chang
Chang Jen-Chi *see* Jen-Chi Chang
Chang Jen-Shih *see* Jen-Shih Chang
Chang Jiang Zhan, Yong Kang, Jian Chen, Zhen Xi Xu, Tao Chen System simulation of hysteresis current-forced AC/DC voltage source converter 100375
Chang Jichong *see* Ren Yong 86579
Chang Jik Hyun *see* Lee Jong Wook 91695
Chang Jin-Fu *see* Jin-Fu Chang
Chang Jinn-Ja *see* Jinn-Ja Chang
Chang Joo Youn, Cheon Soo Kim, Jin He Lee, Dae Yong Kim, Jin Hyo Lee Characterization of current drivability and reliability of 0.3 μm inverse T-gate MOS compared with those of conventional LDD MOS 81865
Chang Kai *see* Kai Chang
Chang Keh-Jeng *see* Keh-Jeng Chang
Chang Keh-Ning *see* Keh-Ning Chang
Chang Kim Hee *see* Hee Chang Kim
Chang Kim Jae *see* Jae Chang Kim
Chang Kim Seok *see* Seok Chang Kim
Chang Ko-Min *see* Ko-Min Chang
Chang Kuan-Teck *see* Kuan-Teck Chang
Chang Kuang-Yao *see* Kuang-Yao Chang
Chang Kun-Nyeong *see* Kun-Nyeong Chang
Chang Kuo-Tung *see* Kuo-Tung Chang
Chang Kwo Wei *see* Kwo Wei Chang
Chang Kyung Hi *see* Kyung Hi Chang
Chang Li Fung *see* Li Fung Chang
Chang Li Xing *see* Xing Chang Li
Chang Lin Hung *see* Hung Chang Lin
Chang Long-Wen *see* Long-Wen Chang
Chang Mann-Li *see* Mann-Li Chang
Chang Mei *see* Lu Shu 94785
Chang Meng-Yueh *see* Meng-Yueh Chang
Chang Mi-Chang *see* Mi-Chang Chang
Chang Ming-Pin *see* Ming-Pin Chang
Chang Ming-Wen *see* Ming-Wen Chang
Chang Ning *see* Ning Chang
Chang Nion Sock *see* Nion Sock Chang
Chang Oh Kun *see* Kun Chang Oh
Chang Park *see* Sung Ki Kim 70141
Chang Park Kyu *see* Kyu Chang Park
Chang Pei-Liang *see* Pei-Liang Chang
Chang Pi Hsien *see* Pi Hsien Chang
Chang Po-Rong *see* Po-Rong Chang
Chang Qian *see* Pei Yunqing 100812
Chang Qing *see* Qing Chang
Chang Ray-I *see* Ray-I Chang
Chang Rong-Seng *see* Rong-Seng Chang
Chang Ruey-Dar *see* Ruey-Dar Chang
Chang Saga *see* Saga Chang
Chang Seek Choi, Aizawa, K., Harashima, H., Takebe, T. Analysis and synthesis of facial image sequences in model-based image coding 74491
Chang Seep Koh, Mohammed, O.A., Jun-O Kim, Song-Yop Hahn Optimum design of voice coil motor with constant torque coefficients using evolution strategy 68643
Chang Seop Koh, Mohammed, O.A., Song-Yop Hahn Detection of magnetic body using artificial neural network with modified simulated annealing 83451
Chang Seop Koh, Mohammed, O.A., Song-yop Hahn Design optimization of electromagnetic devices using shape design sensitivity analysis 83526
Chang Shao-Hung *see* Shao-Hung Chang
Chang Shengjiang, Fu Rulian, Ba Enxu Light injecting effect and strange attractors in a CO_2 laser 56627
Chang Shi-Chung *see* Shi-Chung Chang
Chang Shi-Shing, Wu, J.H. Using the analysis of stress wave to build the research and experiment of ultrasonic film measurement 58975
Chang Shiau-Chyi *see* Shiau-Chyi Chang
Chang Shifan *see* Shifan Chang
Chang Shih-Chieh *see* Shih-Chieh Chang
Chang Shih-Fu *see* Shih-Fu Chang
Chang Shih-Hsiin *see* Shih-Hsiin Chang
Chang Shim Jae *see* Jae Chang Shim
Chang Shou-Zen *see* Shou-Zen Chang
Chang Shoude *see* Shoude Chang
Chang Shun-Hsyung *see* Shun-Hsyung Chang
Chang Shwu-Jing *see* Shwu-Jing Chang
Chang Shyang *see* Shyang Chang
Chang Sik Choi *see* Seung-Moon Yoo 70533
Chang Sohn *see* Yong-Gyu Park 86727
Chang Soon Heung *see* Soon Heung Chang
Chang Suk Kim *see* Jae Kap Jung 58953
Chang Sze Yung *see* Yung Chang Sze
Chang The-Nan *see* The-Nan Chang
Chang Ting-Yu *see* Ting-Yu Chang
Chang Tse-En *see* Tse-En Chang
Chang Tze-Chung *see* Tze-Chung Chang
Chang Tzeng Yu *see* Yu Chang Tzeng
Chang Wei *see* Wei Chang
Chang Wei-Sheng *see* Wei-Sheng Chang
Chang Wen-Jie *see* Wen-Jie Chang
Chang Wen-Thong *see* Wen-Thong Chang
Chang Wen-Yeau *see* Wen-Yeau Chang
Chang Woo Lee *see* Yong Tae Kim 71197
Chang Xianrong, Wang Renzhou, Yang Yihan The nonlinear excitation control of generators 89905
Chang Yan, Chang Chuntian Subband DCT coding of HDTV signal in intraframe under a bit rate of 140 Mbits/s 86743
Chang Yangyan *see* Chen Haiqin 50448
Chang Yao-Wen *see* Yao-Wen Chang
Chang Ye-In *see* Ye-In Chang
Chang Yee-Hsiang *see* Yee-Hsiang Chang
Chang Yeong-Jar *see* Yeong-Jar Chang
Chang Yia-Chung *see* Yia-Chung Chang
Chang Ying-Lan *see* Ying-Lan Chang
Chang Yu Lo Cyrus *see* Yu Lo Cyrus Chang
Chang Yu-Ming *see* Yu-Ming Chang
Chang Yuan-Cheng *see* Yuan-Cheng Chang
Chang Yung-Cheng *see* Yung-Cheng Chang
Chang Yung-Ching *see* Yung-Ching Chang
Chang Yung-Chung *see* Yung-Chung Chang
Chang-Cherng Wu, Chun-Yen Chang, Po-An Chen, Horng-Dar Chen, Kun-Chuan Lin, Shih-Hsiung Chan Magnesium doping of InGaAlP grown by low-pressure metalorganic chemical vapor deposition 79893
Chang-Chun Zhu, Xue-Jun Kang, Jun-Hua Liu A new type of optical input shift register 56496
Chang-Dong Kim, Matsumura, M. Amorphous-silicon distributed-threshold voltage transistors with self-aligned poly-silicon sources and drains 81885
Chang-Eob Kim *see* Dal-Ho Im 90026
Chang-Fuu Chen, Hung-Hsiang Lin Progressive image transmission using a prefilter and a modified difference pyramid structure 95774
Chang-Gyu Hwang *see* Woo-Sung Choi 62638
Chang-Hasnain, C.J. *see* Wu, U.A. 83096
Chang-Hee Hong *see* Kyushik Hong 56040
Chang-Hee Hong *see* Kyushik Hong 80665
Chang-Hee Lee, Sang-Yung Shin, Seung-Goo Kang Perturbation solution of self-pulsing in semiconductor lasers with a saturable absorber 72858
Chang-Hoi Ahn, Bong-Sik Jeong, Soo-Young Lee Efficient vectorial hybrid FE-BE method for electromagnetic scattering problem 83608
Chang-Hoi Ahn *see* Hyuek-Jae Lee 83620
Chang-Hong Shen *see* Shen Chang-Hong
Chang-Horng Huang *see* Jin-Cheng Wang 89012
Chang-Huan Liu *see* Chung-Ming Young 90678
Chang-Hyun Shim *see* Wan-Young Chung 97882
Chang-Jia Chen, Tai-Yi Chen, Loeliger, H.-A. Construction of linear ring codes for 6 PSK 73714
Chang-Jia Wang, Liang-Seng Koh, Chao-Hui Wu, Liu, M.T. A multimedia synchronization protocol for ATM networks 65078
Chang-Jia Wang *see* Liang-Seng Koh 74747
Chang-Jin Sohn, Woo-Sung Han, Ho-Young Kang, Young-Bum Koh, Moon-Yong Lee Comparative study on optical proximity effect correction with various types of dummy patterns and its application to DRAM devices 71483
Chang-Jin Sohn *see* Woo-Sung Han 71467
Chang-Ju Noh *see* Young-Joo An 100097
Chang-jun Zhu *see* Zhi-guo Lu 82941
Chang-Kyo Suh, Eui-Ho Suh, Kwang-Churn Baek Prioritizing telecommunications technologies for long-range R&D planning to the year 2006 74779
Chang-Liao *see* Kuei-Shu 71592
Chang-Liao, K.-S., Chuang, C.-C. Improvement of radiation hardness in poly-Si gate MOS capacitor by use of amorphous Si 81375
Chang-Liao Kuei-Shu *see* Kuei-Shu Chang-Liao
Chang-Luen Wu, Wei-Chou Hsu, Hir-Ming Shieh, Ming-Shang Tsai An improved inverted δ-doped GaAs/InGaAs pseudomorphic heterostructure grown by MOCVD 81299
Chang-Luen Wu, Wei-Chou Hsu, Ming-Shang Tsai, Hir-Ming Shieh A four-terminal GaAs multiple-function transistor with a buried silicon-doping quantum well 93508
Chang-Luen Wu *see* Hir-Ming Shieh 55605
Chang-Luen Wu *see* Wei-Chou Hsu 50045
Chang-Ming Liaw *see* Ying-Shieh Kung 78862
Chang-Moon Lim *see* Seung-Chan Moon 81646
Chang-Nian Cai *see* Cai Chang-Nian
Chang-Qing Xu *see* Jie Wu 83286
Chang-Seok Kim *see* Kyeong-Sup Kim 63169
Chang-Suk Kim *see* Hee-Tae Kim 71983
Chang-Sup Shim *see* Jae-Seung Lee 75473
Chang-Tai Yu, Feng-Zhen Guo, Hua Yu, Zhang-Fu Qi, Xiang-Dong Yu, Yang-Kuan Liu, PengLi, Zhang-Yi Zhang Research on ultrahigh resolution of inorganic photoresist film 81682
Chang-Xin Fan *see* Alzayed, N.S. 75906
Chang-Yong Park *see* Kyoung-Whoan Suh 75240
Chang'an Cai *see* Zifan He 96111
Changan Lu, Dawson, G.E., Eastham, T.R. Dynamic performance of a linear induction motor with slip frequency control 90006
Changbiao Wang Simulation analysis of the effect of beam pipes and multi-mode competition in the standing-wave free-electron laser two-beam accelerator 76283
Changbiao Wang, Sessler, A.M. Three-dimensional simulation analysis of the first sections of a standing-wave free-electron laser two-beam accelerator 76631
Changchun Chai *see* Beiping Yan 61382
Changda Sheng *see* Sheng Changda
Changdon Kee, Parkinson, B.W. Wide area differential GPS as a future navigation system in the U.S 67713
Changge Qiao *see* Qiao Changge
Changguan Yu *see* Yu Changguan
Changhe Zhou, Liren Liu Binary-encoded matrix-matrix multiplication architecture based on correlation by shadow casting 56481
Changheng Wang *see* Wang Changheng
Changhong Liang *see* Liyang Zhang 94905
Changhong Liang *see* Xiaoming Ma 72488
Changhong Liang *see* Xiaowei Shi 57078
Changhong Liang *see* Liang Changhong
Changhong Shen *see* Shen Changhong
Changhoon Yim, Bovik, A.C. Vergence control using a hierarchical image structure 57919
Changhua Cen Application of GIS on exploration of the strikes and dips of buried faults 67784
Changhua Tan, Mingzhen Xu, Yangyuan Wang Application of the difference subthreshold swing analysis to study generation of interface traps in MOS structures due to Fowler-Nordheim aging 71623
Changhua Tan *see* Tan Changhua
Changhyun Kim, Wise, K.D. A 64-site multiplexed low-profile neural probe with on-chip CMOS circuitry 77072
Changjian Zhang *see* Zhang Changjian
Changjiang Dai *see* Dai Changjiang
Changjiang Wang *see* Wang Changjiang
Changjing Shang, Brown, K. Principal features-based texture classification with neural networks 57865
Changjing Shang, Brown, K. Neural network based classification system for texture images with its applications 64597
Changjun Kang *see* Minyao Mao 91472
Changkakoti, R., Manivannan, G., Leclere, P., Lessard, R.A., Roberge, D., Sheng, Y., Arsenault, H.H. Methylene blue and xanthene dyes sensitized polyvinyl alcohol for correlation peak detection 56916
Changkakoti, R. *see* Manivannan, G. 56999
Changkakoti, R. *see* Manivannan, G. 57000
Changkakoti, R. *see* Manivannan, G. 57006
Changkakoti, R. *see* Manivannan, G. 64018
Changkakotti, R. *see* Couture, J.J.A. 56956
Changle Liu *see* Angell, C.A. 90346
Changli Zhang *see* Zhang Changli
Changming Ji *see* Chongchao Huang 91333
Changsheng Chen *see* Chen Changsheng
Changsheng Xu, Sixing Liu, Zhaoying Zhou, Yaoqing Zhang Object-oriented synergetic expert system for fault diagnosis 97792
Changsup Ryu *see* Cho, J.S.H. 93256

Changwen Ma *see* Ma Changwen
Changxi Yang, Yong Zhu, Mengjun Hui, Xiaojuan Niu, Hongbing Liu, Xing Wu High efficiency self-pumped phase conjugation at 633 nm in cerium-doped barium titanate crystals 63989
Changxi Yang *see* Yingwu Lian 56860
Changxi Yang *see* Yong Zhu 50959
Changxi Yang *see* Zhiguo Zhang 94642
Changxin Fan *see* Xiangyang Xue 85190
Changxin Fan *see* Fan Changxin
Changxin Shi *see* Shi Changxin
Changxin Zhu, Hayashi, T., Misawa, S., Tsukahara, S. Observation of initial growth of In on silicon(100) surface 81561
Changxue Ma, Kamp, Y., Willems, L.F. A Frobenius norm approach to glottal closure detection from the speech signal 51389
Changyin Jiang *see* Jiang Changyin
Changyul Cheon, Kyung Choi, Hyun-Kyo Jung, Song-Yop Hahn Analysis of waveguide discontinuities in H-plane using finite element-boundary element technique 83759
Changzhao Yu *see* Yu Changzhao
Changzhi Gu, Liangyan Sun, Tong Zhang, Tiejin Li, Mitutoshi Hirata A gas-humidity sensor fabricated with phthalocyanine Langmuir-Blodgett film 66579
Changzhong Zhang *see* Zhang Changzhong
Changzhu Qin *see* Qin Changzhu
Chaniotakis, E. *see* Schultz, J.H. 89348
Chaniotakis, E.A., Marston, P.G. Quench and protection characteristics of the GEM test coil 82470
Chanishvili, A., Chilaya, G., Sikharulidze, D. Electro-optic effect in an optically active nematic chiral liquid-crystal structure 63494
Channakeshava *see* Bossi, S. 53777
Channakeshava, M.R. *see* Perin, D. 89331
Channell, P.J. *see* Yan, Y.T. 66849
Channin, D.J. Optoelectronic technology for computer interconnects 82771
Channin, D.S. *see* Kwok, W. 98858
Chansarkar, M.M., Desai, U.B. A robust recursive least squares algorithm 84294
Chansarkar, M.M., Desai, U.B. A fast approximate RLS algorithm 84580
Chansik, K. *see* Cools, K. 95102
Chanson, S.T., Jinsong Zhu Automatic protocol test suite derivation 65281
Chanson, S.T., Phillips, G.W. The Ship Model for communication and mobility in distributed systems 74924
Chantard, F. *see* Dutt, S. 66921
Chante, J.-P. *see* Allard, B. 93347
Chante, J.-P. *see* De Palma, J.-F. 90303
Chante, J.P. *see* Liu, Q. 90619
Chante, J.P. *see* Locatelli, M.L. 90558
Chante, J.P. *see* Morel, H. 55129
Chante, J.P. *see* Planson, D. 81328
Chante, J.P. *see* Sarrus, F. 100222
Chantler, M.J., Reid, C.S., Wright, V.J.C. Probabilistic sensing for underwater robotics 86615
Chantre, A. *see* Ashburn, P. 62703
Chantre, A. *see* Giroult-Matlakowski, G. 62701
Chantre, A. *see* Verzellesi, G. 62709
Chantrell, R.W. *see* Dean, C. 50228
Chantrell, R.W. *see* El-Hilo, M. 50176
Chantrell, R.W. *see* Patel, V. 50245
Chantrell, R.W. *see* Tomka, G.J. 50213
Chantrell, R.W. *see* Walmsley, N.S. 50263
Chao, A. *see* Herman, R.M. 86224
Chao, A. *see* Lee, J.K. 50271
Chao, A. *see* Schwitters, R. 87841
Chao, A.W. *see* Bo Chen 87698
Chao, A.W. *see* Bo Chen 87699
Chao, A.W. *see* Bo Chen 98481
Chao, A.W. *see* Ellison, M. 66909
Chao, A.W. *see* Syphers, M.J. 66966
Chao, A.W. *see* Wang, Y. 66910
Chao, C.-C. *see* Yeung, N.K. 92284
Chao, C.-W., Fuoco, G., Kropfl, D. FASTAR platform gives the network a competitive edge 85550
Chao, C.-W. *see* Burns, H.S. 74858
Chao, C.C., Bernstein, H. Onboard stationkeeping of geosynchronous satellites using a global positioning system receiver 75685
Chao, C.H., Popovici, G., Charlson, E.J., Charlson, E.M., Meese, J.M., Prelas, M.A. Smooth diamond films grown by hot filament chemical vapor deposition on positively biased silicon substrates 61388
Chao, D.Y., Wang, D.T. An interactive tool for design, simulation, verification, and synthesis of protocols 74733
Chao, E.Y., Hu, C., Wu, S., Li, G.P., Liu, P., White, J., Kjar, R. Annealing characteristics of radiation induced leakage in SOS MOSFETs 93461
Chao, E.Y., Quon, D.S., Her, T.D., Li, G.P., White, J., Liu, P., Kjar, R. The effects of floating body operation on hot carrier behavior in SOS MOSFETs 93457
Chao, H.J., Byeong-Seog Choe A large-scale multicast output buffered ATM switch 75155
Chao, H.J., Ghosal, D., Saha, D., Tripathi, S.K. IP on ATM local area networks 74722
Chao, H.J. *see* Byeong-Seog Choe 64976
Chao, H.J. *see* Byeong-Seog Choe 64978
Chao, J. *see* Xuan, J. 50313
Chao, K.-J. *see* Gwo, S. 93228
Chao, K.A. *see* Hanke, U. 81996
Chao, K.A. *see* Hanke, U. 82004
Chao, K.A. *see* Hanke, U. 82370
Chao, K.A. *see* Nanzhi Zou 81786
Chao, L.-F., Sha, E.H.-M. Efficient retiming and unfolding 70610
Chao, L.R., Yi-Cheng Lin Associative one-way function and its significances to cryptographics 95167
Chao, P.C., Kao, M.Y., Nordheden, K., Swanson, A.W. HEMT degradation in hydrogen gas 62860
Chao, P.C. *see* Hwang, K.C. 55399
Chao, P.C. *see* Hwang, K.C. 55415
Chao, P.C. *see* Ming-Yih Kao 61916
Chao, P.C. *see* Pin Ho 55408
Chao, P.C. *see* Yang, L.W. 62715
Chao, S.H. *see* Hsu, F. 83881
Chao, T.-H., Fong, C.B., Chang, S.S., Wu, L. Development of digital video systems in Taiwan 97592
Chao, T.-H., Hegblom, E., Lau, B., Stoner, W.W., Miceli, W.J. Optoelectronically implemented neural network with a wavelet preprocessor 56488
Chao, T.-H., Lau, B., Miceli, W.J. Optical implementation of image representation using matching pursuit 57833
Chao, T.S. *see* Ueng, S.Y. 55819
Chao, Y., Crofford, M., Dobeck, N., Douglas, D., Hofler, A., Hovater, C., Krafft, G.A., Legg, R., Perry, J., Price, E., Suhring, S., Tiefenback, M., Van Zeijts, J. Commissioning and operation experience with the CEBAF recirculation arc beam transport system 67004
Chao, Y.J. *see* Perng-Fei Luo 51714
Chao, Z. *see* Fan, M. 76680
Chao Chih-Ping *see* Chih-Ping Chao
Chao Chin-Chieh *see* Chin-Chieh Chao
Chao Chin-Wang *see* Chin-Wang Chao
Chao Hong-Yang Convergence analysis of a regularized numerical method for solving the diffusive coefficient inverse problem 79716
Chao Houng-June *see* Houng-June Chao
Chao Jiunn-Sing *see* Jiunn-Sing Chao
Chao Jum-Chang *see* Jum-Chang Chao
Chao Jung-Jae *see* Jung-Jae Chao
Chao Kai-Yuan *see* Kai-Yuan Chao
Chao Liang-Fang *see* Liang-Fang Chao
Chao Lu *see* Lu Chao
Chao Pi-Hui *see* Pi-Hui Chao
Chao Shih-Chieh *see* Shih-Chieh Chao
Chao Su, Chen, L.K., Cheung, K.W. Inherent transmission capacity penalty of burst-mode receiver for optical multiaccess networks 58422
Chao Tien Sheng *see* Tien Sheng Chao
Chao Tien-Hsin *see* Tien-Hsin Chao
Chao Tze-Ming *see* Tze-Ming Chao
Chao Wang, Nithack, J. Glacial deposit analysis of ERS-1 SAR data in northern Alpine frontland of Munich, Germany 77310
Chao Wei *see* Cochran, D. 74665
Chao Zhang *see* Zhang Chao
Chao-Hui Lin *see* Ming-Hua Mao 70815
Chao-Hui Wu *see* Chang-Jia Wang 65078
Chao-Ming Dai *see* Dai Chao-Ming
Chao-Ming Wang *see* Zen Chen 95731
Chao-Tang Mao, Singh, A. Video encoding of normal and abnormal ambulatory ECG 98915
Chao-Xiang Shi Nonlinear interaction of light propagation in a birefringent optical fiber with external perturbations 73075
Chao-Xiang Shi, Hotate, K. Bias of a resonator fiber optic gyro composed of a polarization-maintaining fiber ring resonator with the photoinduced birefringent grating 98038
Chao-Yuen Hsu *see* Chung-Lin Huang 57709
Chaochieh Tsai *see* Kun-Hsi Li 56563
Chaochin Su, Zi-Guo Dai, Weiang Luo, Dong-Hong Sun, Vernon, M.F., Bent, B.E. Chemical dry etching of GaAs(100) by HCl: products, rate, and a kinetic model 62487
Chaochuan Jiang, Cheng Fan, Lurong Guo Color image generation of a three-dimensional object with rainbow holography and a one-wavelength laser 50962
Chaofeng Huang *see* Huang Chaofeng
Chaofu Kao, Sullivan, C.R., Acker, B., Sanders, S.R. Induction machine control systems with magnetic saturation 100132
Chaoming Dai *see* Kuoping Wang 83349
Chaoui, H. *see* Lu, G.N. 70295
Chaowen Yang *see* Yang Chaowen
Chaoyang Gong *see* Gong Chaoyang
Chapados, P., Jr. Monitoring of sub-micron linewidths using diffraction gratings 62590
Chapados, P., Jr. *see* Henck, S.A. 60910
Chapaev, V.M. *see* Lititskii, V.A. 99030
Chaparala, P. *see* Suehle, J.S. 62621
Chaparro, A.M., Salvador, P., Mir, A., Coll, B., Caselles, V. Photoelectrochemical imaging at the GaAs/Si(001) liquid junction 81334
Chaparro, L.F. *see* Cha, H. 84981
Chaparro, L.F. *see* Detka, C.S. 84520
Chaparro, L.F. *see* Kayhan, A.S. 64500
Chapeaublanc, J.F. *see* Proust, N. 70897
Chapek, D.L., Conrad, J.R., Matyi, R.J., Felch, S.B. Structural characterization of plasma-doped silicon by high resolution X-ray diffraction 62391
Chapelain, D. *see* Borgne, M. 85450
Chapelle, M.de La *see* de La Chapelle, M.
Chapelon, J.Y., Faure, P., Plantier, M., Cathignol, D., Souchon, R., Gorry, F., Gelet, A. The feasibility of tissue ablation using high intensity electronically focused ultrasound 98936
Chapelon, J.Y. *see* Cathignol, D. 98935
Chapelon, J.Y. *see* Faure, P. 99353
Chapin, F.W., Kershaw, J.J., Knight, A.D. High density area array module connector 92669
Chapin, J. *see* Kuskin, J. 49475
Chaplin, A.F. *see* Kravchenko, V.F. 57297
Chaplin, M., Anwar, T. Unified I/O—the key to multivendor test 97779
Chaplin, M. *see* Schultz, J.H. 89348
Chaplin, M.R. *see* Hassenzahl, W.V. 82468
Chaplin, R.I. *see* Pugmire, R.H. 51563
Chaplygin, E.E., Bruyakina, Z.V. Microprocessor control of rectifiers with parametric feedback 91892
Chaplygin, Y.Y., Bruyakina, Z.V. Microprocessor rectifier control system with parametric feedback 78707
Chapman, A.A. *see* Aur, S. 71673
Chapman, B.E., Den Hartog, D.J., Fonck, R.J. Broadband extreme-ultraviolet survey spectrometer for short-time-scale experiments 72590
Chapman, C. The role and potential of GNVQs 69440
Chapman, C.B. *see* Klein, J.H. 69510
Chapman, D. *see* Thompson, A.C. 88381
Chapman, D.G. *see* Nayak, O.B. 89198
Chapman, D.G. *see* Nayak, O.B. 99647
Chapman, D.M. *see* Hurwitz, J.E.D. 85596
Chapman, G.H., Carr, L.S., Syrzycki, M.J., Dufort, B. Test vehicle for a wafer-scale thermal pixel scene simulator 87361
Chapman, J., Mann, J. Digital mean timers for the straw tube tracking system at SDC 59178
Chapman, J.N. *see* Young, S. 50186
Chapman, J.W., Dodd, E., Hong, S., Mann, J., Thun, R., Weaverdyck, C., Yale, K., Kubarovsky, V., Rykalin, V. Muon trigger counters for a hadron collider experiment 59148
Chapman, J.W., Ilic, M.D. Some robustness results for feedback linearizing control of generator excitation 68023
Chapman, J.W. *see* Ilic, M.D. 89040
Chapman, J.W. *see* King, C.A. 77964
Chapman, L. *see* Herrup, D.A. 76562
Chapman, L. *see* Lackey, S. 76531
Chapman, N.R. *see* Scrimger, P. 99228
Chapman, P. *see* Chieh, Y.S. 62479
Chapman, P.F. *see* Martin, R.D. 63847
Chapman, R. *see* Moslehi, M. 93626
Chapman, R. *see* Moslehi, M.M. 90920
Chapman, R. *see* Rodder, M. 93620
Chapman, R.A. *see* Amerasekera, A. 62987
Chapman, R.A. *see* Amerasekera, A. 93591
Chapman, R.A. *see* Aur, S. 62774
Chapman, R.A. *see* Moslehi, M.M. 71800
Chapman, R.D., Gotwols, B.L., Sterner, R.E., II On the statistics of the phase of microwave backscatter from the ocean surface 88802
Chapman, R.D., Gotwols, B.L., Sterner, R.E. The statistics of radar backscatter phase and a comparison of Doppler frequency estimates 99220
Chapman, R.D. *see* Gotwols, B.L. 99219
Chapman, R.N. *see* Hartzog, S. 100000
Chappelier, J.-C. *see* Verdier, A. 66886
Chappelier, J.-C. *see* Verdier, A. 66887
Chappell, B. *see* Subbanna, S. 92190
Chappell, B.A. *see* Shahidi, G.G. 92195
Chappell, J.H. *see* Van Laar, J.A. 78465
Chappell, M.A. *see* Hicks, J.A. 85594
Chappell, T.I. *see* Shahidi, G.G. 92195
Chapple, C.-L., Faulkner, K., Marshall, N.W., Rawlings, D.J. The implications of ICRP 60 on the monitoring of pregnant hospital staff 88600
Chapple, P.B. Beam waist and M^2 measurement using a finite slit 72994
Chapron, B. *see* Garello, R. 88820
Chapron, M. *see* Zahid, H. 84866
Chapron, P. *see* Remiot, C. 87607
Chapuis, T. *see* Estreme, F. 70579
Chapuran, T.E., Wagner, S.S. Fiber-in-the-loop video upgrades with both analog and digital transmission over fiber and coaxial cable 75423
Chaput, F. *see* Brunel, M. 63965
Chaput, G. *see* Cord, B. 50294
Chaput, P. *see* Mussman, H. 75424
Char, K. *see* Early, E.A. 93954
Char, K. *see* Martens, J. 93934
Charalambous, A. *see* Anderson, B.E. 88246
Charalambous, S. *see* Kitis, G. 94259
Charalampous, C.J. *see* Lainiotis, D.G. 77334
Charap, S.H. *see* Ktena, A. 50288
Charap, S.H. *see* Pu-Ling Lu 63231
Charatan, R.M., Gross, M.E., Eaglesham, D.J. Plasma enhanced chemical vapor deposition of titanium nitride thin films using cyclopentadienyl cycloheptatrienyl titanium 79960
Charbit, M. *see* Charles, A. 69183
Charbon, E., Malavasi, E., Pandini, D., Sangiovanni-Vincentelli, A. Simultaneous placement and module optimization of analog IC's 91786
Charbonneau, S. *see* Piva, P.G. 71178
Charbonneau, S. *see* Poole, P.J. 93159

Charbonnier, P., Blanc-Feraud, L., Barlaud, M. An adaptive reconstruction method involving discontinuities 88460
Charbucinski, J. The "ZERO PROBE"—low radioactivity borehole logging tool 99152
Chardaire, P., Bangham, J.A., Pye, C.J., Wu, D. Properties of multiscale morphological filters namely the morphology decomposition theorem 64628
Charef, M. *see* Abramo, A. 81195
Charest, J.A., Lilly, M.D. PFV_2 stress gauges for non-planar wave applications. I 87109
Charette, D.P. *see* Real, E.C. 74054
Chargin, A. *see* Deis, G. 87958
Chari, S. *see* Giridhar, K. 83917
Chari, S. *see* Ready, M.J. 95225
Chari, T. *see* Lai, L.L. 59909
Charif-Chefchaouni, M., Schonfeld, D. Spatially-variant morphological skeleton representation 85124
Charif-Chefchaouni, M., Schonfeld, D. Generalized morphological center: Self-duality 85125
Charil, J. *see* Nakajima, H. 75502
Chariot, J.-J. *see* Vladimirescu, A. 71792
Charitat, G. *see* Beydoun, B. 71708
Charkari, N.M. *see* Mori, H. 67631
Charkin, V.A. *see* Spitsyn, A.I. 100884
Charlebois, D., Goodenough, D.G., Matwin, S. Machine learning from remote sensing analysis 77669
Charlebois, D. *see* Goodenough, D.G. 88846
Charles, A., Charbit, M., Prado, J., Servel, A., Attia, M. Frequency modulated continuous wave radar signal processing to improve active safety features 69183
Charles, C. *see* Giroult-Matlakowski, G. 91556
Charles, P.D., Brown, C.A. The patchwork method and image processing 64766
Charles, P.M. *see* Williams, P.J. 86418
Charleston, D. *see* Poole, I. 59371
Charlier, A.F., Hollasky, N.A. Introduction of mixed oxide fuel elements in the Belgian cores safety aspects 53888
Charlot, C. *see* Badier, J. 87982
Charlson, E.J. *see* Chao, C.H. 61388
Charlson, E.J. *see* Hajsaid, M. 62660
Charlson, E.J. *see* Khan, A.H. 79967
Charlson, E.M. *see* Chao, C.H. 61388
Charlson, E.M. *see* Hajsaid, M. 62660
Charlson, E.M. *see* Khan, A.H. 79967
Charlson, E.M. *see* Kim, B.W. 81220
Charlton, A. *see* Wannop, N.M. 94430
Charlton, C.C., Jackson, D., Leng, P.H., Russell, P.C. Modelling circuit delays in a demand driven simulator 49244
Charlton, T., Griffiths, H. High-voltage earthing system design and performance 78211
Charlton, T.E., Griffiths, H. Electric earth grid performance 53834
Charman, W.N. *see* Chauhan, K. 98740
Charman, W.N. *see* Jennings, J.A.M. 84720
Charney, S. *see* Landau, S. 83927
Charng Long Lee, Chein-Wei Jen CMOS threshold gate and networks for order statistic filtering 70734
Charng Long Lee *see* Shifan Chang 97642
Charng-Kann Chen, Ju-Hong Lee Design of digital all-pass filters using a weighted least squares approach 55346
Charng-Kann Chen, Ju-Hong Lee Design of linear-phase quadrature mirror filters with powers-of-two coefficients 80436
Charng-Kann Chen, Ju-Hong Lee McClellan transform based design techniques for two-dimensional linear-phase FIR filters 80482
Charnley, D. *see* Roberts, J.M. 57697
Charny, L., Saario, T., Marichev, V.A. Application of the contact electric resistance method for in situ investigation of semiconductor surface properties in electrolyte 62341
Charot, F. *see* Frison, P. 80356
Charot, F. *see* Memin, E. 74599
Charoupias, A. *see* Kouroupetroglou, G. 98981
Charpak, G. Detectors in particle physics and some of their applications 67456
Charpak, G., Crotty, I., Giomataris, Y., Ropelewski, L., Williams, M.C.S. A high-rate, high-resolution asymmetric wire chamber with microstrip readout 76753
Charpak, G. *see* Chen, M. 67340
Charpak, G. *see* Chen, M. 67349
Charpentier, F. *see* Micca, G. 64335
Charpentier, P.J. *see* Ingalls, R.P. 58532
Charpin, P. Weight distributions of cosets of two-error-correcting binary BCH codes, extended or not 95191
Charpin, P., Levy-Dit-Vehel, F. On self-dual affine-invariant codes 73665
Charra, F., Idiart, E., Kajzar, F., Nunzi, J.M., Pfeffer, N., Raimond, P. Two-photon induced isomerization and memory effect in functionalized polymers 56912
Charra, F., Lavie, M.-P., Lorin, A., Fichou, D. Electromodulated absorption spectroscopy of charge carriers in α-sexithiophene thin films 81255
Charra, F. *see* Fichou, D. 50443
Charra, F. *see* Nunzi, J.M. 63970
Charre, P. *see* Johan, A. 72305
Charruau, G. *see* Fougeron, C. 67086
Charsley, P. *see* Zhou, X. 81312
Charters, R.B., Kuczynski, A.P., Staines, S.E., Tatam, R.P., Ashwell, G.J. In-line fibre optic channel dropping filter using Langmuir-Blodgett films 52611
Charters, W.W.S. Solar energy: a viable pathway towards ecologically sustainable development 53975
Chartier, A. *see* Balling, P. 83238
Chartier, E., Floriot, D., Delage, S.L. S-parameters characterization of microwave heterojunction bipolar transistors 70898
Chartier, E. *see* Blanck, H. 80768
Chartier, E. *see* Blanck, H. 80818
Chartier, E. *see* Delage, S.L. 70895
Chartier, G. *see* Claus, B. 95409
Chartier, J.-M. *see* Balling, P. 83238
Chartier, M. *see* Auger, G. 98385
Chartier, P. *see* Ullrich, B. 63996
Chartier, V.L., Blair, D.E., Easley, M.D., Raczkowski, R.T. Corona performance of a compact 230-kV line 89317
Chartier, V.L., Blair, D.E., Stearns, R.D., Lamb, D.J. Effect of bundle orientation on transmission line audible and radio noise 78158
Chas, P. *see* Acuna, C. 65389
Chase, B. *see* Natarajan, S. 80431
Chase, B.E., Pasquinelli, R.J. VXI based Low Level RF system for Fermilab Linac Upgrade 76504
Chase, C. *see* Bailey, M. 85481
Chase, M. Fax technology for embedded systems 85618
Chase, R. *see* Gingrich, D. 53291
Chase, R.L., de La Taille, C., Seguin-Moreau, N. Experimental results on cable-coupled preamplifiers (ØT) 53343
Chasensky, T.M. *see* Reifman, J. 78296
Chassaing, C.E. *see* Eberhardt, A.C. 77069
Chassaing, R., Anakwa, W., Richardson, A. Real-time digital signal processing in education 69411
Chassot, C. *see* Diaz, M. 74697
Chassot, C. *see* Thai, K.-L. 74805
Chastaing, E. *see* Bouteiller, L. 58931
Chasteler, R.M., Weller, H.R. A portable 17.3 MeV gamma-ray source 53285
Chatal, J.-F. *see* Bardies, M. 67648
Chatard, J.P. *see* Lucas, C. 66362
Chatel, P.F.de *see* de Chatel, P.F.
Chatelain, C. Towards an electric steel industry. Long-term forecasting analysis 90685
Chatelain, J. *see* Simond, J.-J. 89742
Chatellard, D. *see* Horvath, D. 53123
Chatenoud, F. *see* Fallahi, M. 50827
Chatenoud, F. *see* Frlan, E. 50960
Chatenoud, F. *see* Frlan, E. 80659
Chatenoud, F. *see* Frlan, E. 97955
Chatenoud, F. *see* Normandin, R. 94462
Chatenoud, F. *see* Pratt, A.R. 79777
Chater, R.J. *see* Yupu Li 49831
Chaterjee, J., Banwet, D.K. Adopting new technology for modernisation projects in India—select dimensions of pre and post investment perspectives 69515
Chatras, B., Vernhes, C. The intelligent network and mobility 96850
Chatteriee, S. *see* Badgwell, T.A. 93553
Chatterjee, A., Abraham, J.A. RAFT: a novel program for rapid-fire test and diagnosis of digital logic for marginal delays and delay faults 92157
Chatterjee, A., Liu, J., Mozumder, P.K., Rodder, M., Chen, I.-C. A pass transistor design methodology for 256 Mbit DRAM and beyond 70486
Chatterjee, A., Roy, R.K. Design for diagnosability of linear digital filters using time-space expansion 49566
Chatterjee, A., Volakis, J.L., Windheiser, D. Parallel computation of 3D electromagnetic scattering using finite elements and conformal ABCs 83618
Chatterjee, A. *see* Nagi, N. 92036
Chatterjee, A. *see* Rodder, M. 93620
Chatterjee, A. *see* Sil, A. 81125
Chatterjee, A. *see* Volakis, J.L. 73270
Chatterjee, A. *see* Volakis, T.L. 51054
Chatterjee, B., Ringel, S.A., Sieg, R., Hoffman, R., Weinberg, I. Hydrogen passivation of dislocations in InP on GaAs heterostructures 71149
Chatterjee, C., Roychowdhury, V. Efficient and robust methods of accurate camera calibration 98118
Chatterjee, M.R., Yuwen Kuo Implicit nonlinear circuit modeling of analog and digital optical data storage and processing via photon memory echoes 50451
Chatterjee, P. Photovoltaic performance of a-Si:H homojunction p-i-n solar cells: a computer simulation study 90383
Chatterjee, R., Acharya, K.V., Asokan, S., Titus, S.S.K. A PC-based system for studying current-controlled electrical switching in solids 75842
Chatterjee, R. *see* Fukutomi, M. 91638
Chatterjee, S., Bassiouni, M.A. Fast bandwidth access for multimedia traffic classes under QOS constraints 75088
Chatterjee, U. *see* Bhar, G.C. 63947
Chatterjee, U.K. *see* Biswas, D.J. 82916
Chatterjee, U.K. *see* Singh, S. 72709
Chatterji, G. *see* Sridhar, B. 77179
Chattong, S. *see* Toumazou, C. 55122
Chattopadhyay, A., Seeley, C.E. A multiobjective design optimization procedure for control of structures using piezoelectric materials 63107
Chattopadhyay, A., Seeley, C.E. A multiobjective optimization procedure for the design of rotating composite box beams with discrete piezoelectric actuators 82199
Chattopadhyay, A.K. *see* Chakraborty, C. 68603
Chattopadhyay, A.K. *see* Chakraborty, C. 68604
Chattopadhyay, B., Sachdev, M.S., Sidhu, T.S. Protection of a distribution network: An adaptive approach 89352
Chattopadhyay, D. Electron mobility in $Cd_{0.8}Zn_{0.2}Te$ 62191
Chattopadhyay, D. Systems approach to emissions reduction from a power system in India 77809
Chattopadhyay, P. Effect of localized states on the current-voltage characteristics of metal-semiconductor contacts with thin interfacial layer 71219
Chattopadhyay, P. *see* RayChaudhuri, B. 71583
Chattopadhyay, S., Key, T.S. Predicting behavior of induction motors during electrical service faults and momentary voltage interruptions 54032
Chattopadhyay, S. *see* Barletta, B. 76636
Chattopadhyay, S. *see* Conde, M.E. 71027
Chattopadhyay, S. *see* Leemans, W. 66863
Chattopadhyay, S. *see* Sarkar, B.C. 55168
Chattopadhyay, S. *see* Sen, A.K. 59547
Chattopadhyay, S.N. *see* Pal, B.B. 50672
Chattopadhyay, T., Bhattacharya, M. An active optical FM discriminator 72827
Chaturvedi, P. *see* Srinivasan, V. 57643
Chatwin, C.R. *see* Abdullah, H.A. 53055
Chatwin, C.R. *see* Abdullah, H.A. 90958
Chatwin, C.R. *see* Lim, S.Y. 90957
Chatwin, C.R. *see* See Yew Lim 79305
Chatziioannou, A., Dahlbom, M., Hoh, C.K. Studies on the use of transmission scans for whole body PET attenuation correction 98829
Chatziioannou, A. *see* Guerrero, T.M. 98827
Chau, F.S. *see* Ng, T.W. 57003
Chau, J.L. *see* Sarango, M.F. 77420
Chau, K.H.-L. *see* Sherman, S.J. 66304
Chau, K.T. A new pulsewidth-modulated zero-voltage-switching multi-resonant converter using resonant inductor freewheeling 68844
Chau, K.T., Chan, C.C. Real-time implementation of an on-line trained neural network controller for power electronics converters 100281
Chau, K.T. *see* Chan, C.C. 54227
Chau, K.T. *see* Chan, C.C. 60158
Chau, K.T. *see* Chan, C.C. 60215
Chau, K.T. *see* Chan, C.C. 90600
Chau, K.T. *see* Chan, C.C. 90613
Chau, M. *see* Medicherla, T.K.P. 60392
Chau, P.M. *see* Banerjee, S. 80373
Chau, P.M. *see* Goodby, L. 93604
Chau, P.M. *see* Kelly, P.H. 73681
Chau, P.M. *see* Kelly, P.H. 93593
Chau, P.M. *see* Powell, S.R. 92375
Chau, R. *see* Lee, Y.-H. 62999
Chau, Y.A. Optimal partial decision diversity for frequency-hopped satellite communications in shadowed Rician fading channel with partial-band jamming 97100
Chau, Y.A., Ze-Sun Jain Multisensor multiframe change detection via optimal likelihood ratio test 84894
Chau, Z.M. *see* Chou, H. 72217
Chau Fook Siong *see* Fook Siong Chau
Chau Hin-Fai *see* Hin-Fai Chau
Chau Kwok-Tong *see* Kwok-Tong Chau
Chau Ngiam Tee *see* Tee Chau Ngiam
Chau Nguen Min *see* Nguen Min Chau
Chau Pham, Harton, P.L., Simhal, S.K. Space Shuttle radar performance predictions and verification 65892
Chau-Chin Yang *see* Wang, J. 84582
Chau-Hwang Lee *see* Yuh-Fwu Chou 63684
Chau-Jern Cheng, Pochi Yeh, Ken Yuh Hsu Generalized perceptron learning rule and its implications for photorefractive neural networks 83376
Chau-Jern Cheng *see* Hsu, K.Y. 57739
Chau-Shioung Yeh, Chun-Bo Lin Phase change of electromagnetic wave induced by in-plane elastic wave 83753
Chau-Yun Hsu, Jui Chi Yao Comparative performance of fast cosine transform with fixed-point roundoff error analysis 61214
Chaubey, V.K., Dey, K.K., Khastgir, P. Field intensity and power confinement of four-layer slab waveguides with various refractive index profiles in the guiding region 63458
Chaubey, V.K. *see* Singh, U.N. 94075
Chauchin Su Random testing of interconnects in a boundary scan environment 49698
Chaudhari, P.R., Patil, P.B. Effect of higher order perturbation terms on the propagation of EM waves in twisted rectangular waveguides 70824
Chaudhary, A. *see* Gupta, R. 54582
Chaudhary, A. *see* Gupta, R. 54583
Chaudhary, A. *see* Gupta, R. 61027
Chaudhary, A. *see* Gupta, R. 91148

Chaudhary, A.K.S., Kwa-Sur Tam, Phadke, A.G. Protection system representation in the Electromagnetic Transients Program 68291
Chaudhary, K. *see* Iman, S. 91703
Chaudhary, S. Reducing barriers of communication across Indian languages: an AI and ES approach to mass media 74795
Chaudhary, U.K. *see* Shahzad, M.I. 88167
Chaudhri, M.Anwar *see* Anwar Chaudhri, M.
Chaudhry, S.M. *see* Karpovsky, M.G. 73646
Chaudhry, Z., Ganino, A.J. Damage detection using neural networks: an initial experimental study on debonded beams 80008
Chaudhry, Z., Lalande, F., Rogers, C.A. Special considerations in the modeling of induced strain actuator patches bonded to shell structures 82210
Chaudhuri, B.B. How to choose a representative subset from a set of data in multi-dimensional space 84831
Chaudhuri, B.B. *see* Chaudhuri, D. 79561
Chaudhuri, B.B. *see* Saha, P.K. 95720
Chaudhuri, D., Murthy, C.A., Chaudhuri, B.B. Finding a subset of representative points in a data set 79561
Chaudhuri, D. *see* Suresh, P.V. 90876
Chaudhuri, P.P. *see* Chowdhury, D.R. 64274
Chaudhuri, S. *see* Pal, R. 61368
Chaudhuri, S. *see* Umashankar, K. 53552
Chaudhuri, S.K. *see* Tony, E.S. 72502
Chaudhuri, S.K. *see* Xu, C.-L. 50533
Chaudhuri, S.K. *see* Xu, C.L. 82861
Chaudhuri, S.K. *see* Xu, C.L. 94928
Chaudhuri, S.K. *see* Yousefi, M. 80652
Chaudhuri, S.P., Dutta Gupta, P.B. Fault current limiting with high T_c superconductor 60005
Chaudhury, A. Planning networked systems for total quality management 52027
Chaudhury, A., Lambert, M. An integrated approach to network management 85516
Chaudhury, K., Mehrotra, R. Optical flow from an extended frame sequence 51691
Chaudhury, K., Mehrotra, R. Optical flow estimation using smoothness of intensity trajectories 95746
Chaudhury, S. *see* Vinod, V.V. 51585
Chaudhury, S.R., Zollman, D. Image processing enhances the value of digital video in physics instruction 97688
Chaudouet, P. *see* Claude, E. 50182
Chaug-Ching Huang, Jhing-Fa Wang, Jau-Yien Lee A Mandarin speech dictation system based on neural network and language processing model 84153
Chaug-Ching Huang *see* Ruey-Ching Shyu 84148
Chauhan, A. *see* Sharma, A. 63896
Chauhan, K., Charman, W.N. Changes in refractive error under night-time driving conditions 98740
Chauhan, N. *see* Lang, R.H. 77588
Chauhan, N.S., Le Vine, D.M., Lang, R.H. Discrete scatter model for microwave radar and radiometer response to corn: comparison of theory and data 77701
Chaum, E. Flat panel display workstation requirements 66611
Chaumas, P. *see* Delage, S.L. 70895
Chaumont, J. *see* Chelnokov, A.V. 94157
Chaumont, J.-C. *see* Guinot, M. 78285
Chaung Lin *see* Wencheng Wu 53894
Chaur-Heh Hsieh *see* Ting-Pang Lin 70570
Chausse, J.P. *see* Coue, E. 53046
Chautard, F. *see* Baglin, V. 76380
Chauvaud, P. *see* Patarin, J. 83955
Chauveau, N. *see* Rigaud, B. 67552
Chauvel, D. *see* Borghs, G. 61944
Chauvet, M. *see* Herve, D. 56395
Chauvet, M. *see* Herve, D. 94241
Chavanne, J. *see* Tarazona, E. 67412
Chave, A.D. *see* Petitt, R.A., Jr. 77341
Chaveau, N., Rigaud, B., Morucci, J.P. Digital demodulation in bio-impedence measurement 98891
Chaves, M.B.F., Migliora, C.G., Barbosa, H.J.C. Elimination of spurious FE solutions of dielectric waveguides 73437
Chavey, K.L. *see* Brualdi, R.A. 79602
Chavez, F. *see* Ilinskii, A.V. 81775
Chavez, F. *see* Silva-Andrade, F. 79791
Chavez-Pirson, A., Yumoto, J., Ando, H., Fukui, T., Kanbe, H. Polarization-dependent optical nonlinearities in GaAs/AlGaAs fractional layer superlattices 73126
Chaviaropoulos, P., Bouras, B., Leoutsakos, G., Papailiou, K.D. Design of optimized profiles for stall regulated HAWTs. I. Design concepts and method formulation 60143
Chaviaropoulos, P. *see* Leoutsakos, G. 60144
Chawdhry, P.K. Logistics support and CALS 60886
Chawki, M.J., Auffret, R., Berthou, I. Interactive optical transmission system using a two-electrode DFB laser as a multifunction device 52509
Chawki, M.J. *see* Dupont, H. 83098
Chawki, M.J. *see* Gay, E. 86438
Chawki, M.J. *see* Hamel, A. 52484
Chawki, M.J. *see* Hamel, A. 86395
Chawki, M.J. *see* Herve, D. 94241
Chawki, M.J. *see* Tholey, V. 75503
Chawla, A. *see* Ercal, F. 88386
Chawla, K.K., Sarwate, D.V. Parallel acquisition of PN sequences in DS/SS systems 58296
Chawla, K.K., Sarwate, D.V. Acquisition of PN sequences in chip synchronous DS/SS systems using a random sequence model and the SPRT 65587
Chawla, K.S. ARCWATCH keeps a beady eye on weld quality 79466
Chawla, M.P.S., Mehta, K.S., Abroal, C.V., Sarkar, B. Software based speed control of nonlinear DC drive with sliding mode/variable structure approach 100834
Chawla, R., Ramachandran, V. Selection of starter components for co-ordination 68545
Chawla, S.K. *see* Woisetschlager, J. 88378
Chayahara, A. *see* Kinomura, A. 49832
Chazan, D., Stettiner, Y., Malah, D. Optimal multi-pitch estimation using the EM algorithm for co-channel speech separation 84133
Chazan, D. *see* Stettiner, Y. 84087
Chazelas, J. *see* Lecot, C. 52937
Che, G.C. *see* Zhao, Z.X. 63276
Che, X., Barbosa, L.C., Bertram, H.N. PRML performance estimation considering medium noise down track correlations 50364
Che, X., Bertram, H.N. Nonlinearities and noise in perpendicular dibit recording 50306
Che, X., Bhattacharyya, M.K., Bertram, H.N. Studies of nonlinear bit shift and partial erasure using pseudo-random sequence 50321
Che San Chang *see* Kit Po Wong 59824
Che Xiaodong *see* Xiaodong Che
Che-Chung Chou, Jow-Tsong Shy, Maki, A.G., Zink, L., Evenson, K.M. Accurate CO_2 laser frequencies and molecular constants of regular and new hot-band lines 86910
Che-Chung Chou *see* Evenson, K.M. 72682
Che-Chung Chou *see* Maki, A.G. 82930
Che-Fn Yu *see* Che-Liang Yang 85939
Che-Ho Wei, Wen-Jiang Chen Digital tanlock loop for tracking $\pi/4$-DQPSK signals in digital cellular radio 86095
Che-Hsi Lai, Kiasaleh, K. Enhanced Viterbi decoder for joint synchronization and data recovery in convolutionally encoded optical PPM and OPPM channels 73684
Che-Liang Yang, Che-Fn Yu The design and implementation of a service logic execution environment platform 85939
Cheah, J.Y.C. Frequency reference in VSAT 52450
Cheah, K.L., Cheng, T.H., Oh, S.H. Improving the performance of a dynamic bandwidth management scheme 65163
Cheah, K.W., Choy, C.H. Wavelength dependence in photosynthesis of porous silicon dot 81485
Cheah, R.S.-S., Bu-Sung Lee, Long Lim Implementing Manufacturing Message Specification services and protocol using ISO Development Environment 74975
Chebbour, A., Gorecki, C., Tribillon, G. Range finding and velocimetry with directional discrimination using a modulated laser diode Michelson interferometer 83409
Chebli, E.A. *see* Godart, T.F. 89240
Chebolu, S. *see* Mittra, R. 79351
Chebotarevsky, A.G. *see* Evzhenko, V.M. 92767
Chebotayev, V.P. *see* Bennett, W.R., Jr. 72939
Chebunina, I.E. *see* Gorfinkel, V.B. 94490
Chebunina, I.E. *see* Zhilyaev, Yu.V. 81980
Chebyshev, V.V. Calculation of the curvilinear printed radiator of arbitrary curvature 57212
Checca, E.L., Helfrich, W.J. Vacuum-fused circuit breakers for low and medium voltage AC trailing cable protection 59953
Checca, E.L. *see* Skorski, D.F. 69295
Checchi, J.C. *see* Collins, S.R. 90420
Checcucci, B. *see* Adam, A. 88087
Checcucci, B. *see* Adam, A. 88102
Checcucci, B. *see* Battiston, R. 53350
Chechenev, N.P. *see* Kolchenko, A.V. 61976
Chechetenko, V. *see* Androsov, V. 76390
Chechetenko, V. *see* Bar'yakhtar, V. 67407
Chechik, R. *see* Brauning, H. 88307
Chechik, R. *see* Breskin, A. 59100
Chechik, R. *see* Breskin, A. 76003
Chechik, R. *see* Breskin, A. 87993
Chechik, R. *see* Buzulutskov, A. 92906
Chechik, R. *see* Malamud, G. 88001
Chechkina, K.A. *see* Potapov, M.M. 56924
Checktman, A. *see* Gingrich, D. 53291
Cheded, L., Payne, P.A. A new and natural proof to both the arcsine law and a related result 73967
Chedid, R. A practical introduction to finite element analysis of electromagnetic problems 57035
Chedid, R., Curley, A.J. Axi-symmetric finite element modelling of induction machine end-regions 60224
Chedid, R., LaWhite, N., Ilic, M. Simulating dynamic interactions of grid-linked wind turbines 100032
Chee Heng Phua *see* Phua Chee Heng
Chee Kheong Siew *see* Siew Chee Kheong
Chee Sun Won, Jinwoo Park Improved forward-looking IR image segmentation using stochastic image models 57647
Chee Yee Kwok *see* Abbaspour-Sani, E. 87068
Chee Yee Kwok *see* Abbaspour-Sani, E. 87554
Chee-Keong Chan *see* Chan Chee-Keong
Chee-Wai Cheng *see* Das, I.J. 67651
Chee-Wai Cheng *see* Roehrig, H. 59345
Cheeha Kim, Jai Yong Lee Message ordering in multicast communication 96227
Cheeke, J.D.N. *see* Viens, M. 98322
Cheeke, J.D.N. *see* Wang, Z. 53554
Cheeke, J.D.N. *see* Wang, Z. 56189
Cheeke, J.D.N. *see* Wang, Z. 58712
Cheeke, J.D.N. *see* Wang, Z. 99317
Cheeks, T.L. *see* Tanaka, M. 54845
Cheema, J. Electric vehicles and other clean fuel alternatives: a comparative analysis 54204
Cheesman, W.V. *see* Anspach, J.H. 89328
Cheetham, A.K. *see* Owen, J.J. 56701
Cheetham, B.M.G. Mathematical techniques for low bit-rate speech coding 51400
Cheetham, B.M.G. *see* Jamieson, G. 66121
Cheetham, B.M.G. *see* Leigh, S.P. 66085
Cheevasuvit, F. *see* Panusopone, K. 74526
Chegis, I.A. Eddy current distribution. Existence and uniqueness theorems and an algorithm for the solution 94739
Cheh, H.Y. *see* Podlaha, E.J. 78782
Cheh Yung-Sheng *see* Yung-Sheng Cheh
Cheh-Ming Liu *see* Hacker, J.B. 80709
Cheifetz, M.G. *see* Henshaw, P.D. 56478
Cheifetz, M.G. *see* Lis, S.A. 56320
Cheikh-Alaya, F. *see* Astola, J. 64417
Chein-I Chang, Jianwei Wang Vapor cloud detection using relative entropy thresholding 74235
Chein-I Chang, Kebo Chen, Jianwei Wang, Althouse, M.L.G. A relative entropy-based approach to image thresholding 84638
Chein-Wei Jen *see* Charng Long Lee 70734
Chein-Wei Jen *see* Chien-Piao Lan 92384
Chein-Wei Jen *see* Shifan Chang 97642
Chekalyuk, A.M., Gorbunov, M.Yu. Pump-and-probe lidar technique: on the way for remote monitoring of primary production in the sea 77434
Chekalyuk, A.M. *see* Gorbunov, M.Yu. 77518
Chekhonin, I.A. *see* Vasil'ev, V.V. 72667
Chekhovsky, A.M. *see* Golubev, A.N. 86957
Chekou, S. *see* Kateb, H. 89854
Chekulaev, E.A. *see* Lifshits, B.A. 58776
Chekulaev, E.A. *see* Podlaskin, B.G. 58768
Chekunaev, N.I. *see* Kaplan, A.M. 56097
Chel, S. *see* Fouaidy, M. 63332
Chel Choi Won *see* Won Chel Choi
Chelakara, R. *see* Rabiul Islam, M. 54965
Chelakara, R.V., Islam, M.R., Neff, J.G., Fertitta, K.G., Holmes, A.L., Ciuba, F.J., Dupuis, R.D., Richard, T.A., Holonyak, N., Jr., Hsieh, K.C. Short-wavelength room-temperature continuous-wave laser operation of InAlP-InGaP superlattices grown by metalorganic chemical vapor deposition 83040
Chelappa, R. *see* Etemad, K. 57880
Chelen, D.E., Ruck, D.W., Fielding, K.H. Three dimensional object recognition using a complex autoregressive model 85070
Chelian, M.S. *see* Torii, T. 88660
Chellamuthu, K.C., Ida, N. 'A posteriori' element by element local error estimation technique and 2D & 3D adaptive finite element mesh refinement 79745
Chellappa, R. *see* Der, S.Z. 84696
Chellappa, R. *see* Lin, C.L. 74606
Chellappa, R. *see* Sabio, V. 75571
Chellappa, R. *see* Yao, Y.S. 84977
Chellappa, R. *see* Zheng, Q. 84987
Chellappan, N. *see* Tang, S. 82858
Chelles, S. *see* Devaux, F. 94187
Chelles, S. *see* Ougazzaden, A. 56435
Chellingsworth, S. *see* Louvet, B. 96735
Chellini, R. The GT10 gas turbine demonstrates its versatility in combined-cycle/cogeneration applications 78468
Chelnokov, A.V., Lourtioz, J.-M., Boucaud, P., Bernas, H., Chaumont, J., Plowman, T. Deep high-dose erbium implantation of low-loss silicon oxynitride waveguides 94157
Chelnokov, V.E. *see* Andreev, A.N. 55790
Chelnokov, V.E. *see* Andreev, A.N. 81509
Chelnokov, V.E. *see* Andreev, A.N. 93360
Chelnokov, V.E. *see* Andreev, A.N. 93514
Chelnokov, V.E. *see* Anikin, M.M. 71726
Chelnokov, V.E. *see* Anikin, M.M. 91423
Chelnokov, V.E. *see* Anikin, M.M. 91424
Chelnokov, V.E. *see* Ivanov, P.A. 93060
Chelnokov, V.E. *see* Rogachev, N.A. 69937
Chelnokov, V.E. *see* Rogachev, N.A. 91578
Chelouah, A. *see* Georgiou, G. 78596
Chelyadinskii, A.R., Haki Taher, H.I. Diffusion of ion-implanted phosphorus in silicon 49872
Chemarin, M., Depasse, P., Fay, J., Felcini, M., Fredj, L., Ille, B., Nessi-Tedaldi, F., Susinno, G.F. Test beam results for an upgraded forward tagger of the L3 experiment at LEP II 98516
Chemeissiani, M. *see* Gingrich, D. 53291
Chemla, D.S. Coherent ultrafast nonlinear optical processes in semiconductor quantum wells 94615
Chemla, D.S. *see* Botkin, D. 56769
Chemla, D.S. *see* Wiesenfeld, J.M. 94478
Chemla, J. *see* Guilhou, G. 96919
Chemseddine, A., Fearheiley, M.L. Improved CdS buffer/window layers for thin film solar cells 69015

Chen, A. *see* Adam, A. 88087
Chen, A. *see* Adam, A. 88102
Chen, A. *see* Adriani, O. 88023
Chen, A. *see* Malik, S.M. 62385
Chen, A.C. *see* Cheng, K.Y. 63862
Chen, A.C. *see* Gu, S.Q. 56526
Chen, A.C. *see* Pearah, P.J. 63788
Chen, A.G., Brady, D.J. Electrically controlled multiple hologram storage 63355
Chen, A.M. *see* Yu, X. 75567
Chen, A.S., Nguyen, L.T., Gee, S.A. Effect of material interactions during thermal shock testing on IC package reliability 91044
Chen, A.S. *see* Mekdhanasarn, B. 54537
Chen, B., Yamazaki, M., Fujita, M. Bug identification of a real chip design by symbolic model checking 49220
Chen, B. *see* Fujita, M. 92087
Chen, B. *see* Nesbit, L. 92191
Chen, B. *see* White, F. 62532
Chen, B.-R., Holmgren, C.A. Common channel signaling support for PCS access services 85587
Chen, C. Toughness of graphs and [2,*b*]-factors 79606
Chen, C. *see* Hsia, P. 52274
Chen, C. *see* Menninger, W.L. 71042
Chen, C.-A., Gupta, S.K. BIST test pattern generators for stuck-open and delay testing 49312
Chen, C.-H. *see* Starzyk, J.A. 70685
Chen, C.-I.H., Yuen, J.T. Automated synthesis of pseudo-exhaustive test generator in VLSI BIST design 80206
Chen, C.-J., Mourad, S. Gate-to-channel shorts in BiCMOS logic gates 49405
Chen, C.-J. *see* Hung, K.-M. 93321
Chen, C.-J. *see* Saxena, S. 82782
Chen, C.-L. *see* Lin, J.-S. 54137
Chen, C.-P., Chang, Y.A., Kuech, T.F. Enhancement of Schottky barrier height to n-GaAs using NiAl, NiAl/Al/Ni, and Ni/Al/Ni layer structures 93057
Chen, C.-R. *see* Hsu, Y.-Y. 53675
Chen, C.-S. *see* Sheen, J.-N. 59778
Chen, C.-T. *see* Yasillo, N.J. 98821
Chen, C.-W., Lee, G., Juang, J.-N. An improved autoregressive spectral estimation method using the Kalman filter system identification technique 57517
Chen, C.-W. *see* Chang, T.-S. 69533
Chen, C.-X., Komatsu, M., Kinoshita, K. Throughput analysis of ARQ schemes in dialogue communication over half-duplex line 64918
Chen, C.-X. *see* Komatsu, M. 65008
Chen, C.-Y., Wen, S., Chi, S. Measuring emission cross-section profile of erbium-doped fibre with low input power 56732
Chen, C.C. *see* Lee, L.W. 85040
Chen, C.D., Delavaux, J.-M.P., Hakki, B.W., Mizuhara, O., Nguyen, T.V., Nuyts, R.J., Ogawa, K., Park, Y.K., Tench, R.E., Tzeng, L.D., Yeates, P.D. Field experiment of 10 Gbit/s, 360 km transmission through embedded standard (non-DSF) fibre cables 75394
Chen, C.D. *see* Delsing, P. 53072
Chen, C.D. *see* Delsing, P. 82373
Chen, C.D. *see* Harada, Y. 72236
Chen, C.D. *see* Pashkin, Yu.A. 63316
Chen, C.F. *see* Chen, K.S. 77603
Chen, C.F. *see* Shye Lin Wu 49866
Chen, C.H., Lee, G.G. Neural networks for ultrasonic NDE signal classification using time-frequency analysis 70208
Chen, C.H., Saito, Y., Yen, H.C., Tan, K., Onak, G., Mancini, J. Reliability study on pseudomorphic InGaAs power HEMT devices at 60 GHz 80708
Chen, C.H. *see* DiCillo, J.J. 50909
Chen, C.J. *see* Lin, J.C. 56203
Chen, C.J. *see* Lin, J.C. 63193
Chen, C.J. *see* Liu, C.S. 63203
Chen, C.J. *see* Tung, M.J. 50379
Chen, C.J. *see* Wang, S.-T. 82477
Chen, C.J. *see* Wang, S.T. 82325
Chen, C.J. *see* Wang, S.T. 83561
Chen, C.J. *see* Wang, S.T. 88369
Chen, C.L., Lin, C.E., Huang, C.L. The reference active source current for active power filter in an unbalanced three-phase system via the method of instantaneous power theory 99559
Chen, C.L., Lin, C.E., Huang, C.L. The reference active source current for active power filter in an unbalanced three-phase power system via the synchronous detection method 99586
Chen, C.L. *see* Taur, Y. 93612
Chen, C.R., Jiang, S.H., Tseng, H.H., Chang, H.F. Energy response and filter compensation of PIN Si photodiode for personal dosimetry application 56541
Chen, C.S., Hwang, J.C., Cho, M.Y., Chen, Y.W. Development of simplified loss models for distribution system analysis 78088
Chen, C.S., Li, C.F., Ye, H.J., Shen, S.C., Yang, D.R. Formation of nitrogen-oxygen donors in N-doped Czochralski-silicon crystal 92913
Chen, C.S. *see* Golberg, M.A. 54798
Chen, C.S. *see* Hsu, C.T. 99662
Chen, C.S. *see* Lee, T.E. 89250
Chen, C.S. *see* Tsay, M.T. 53740
Chen, C.S. *see* Yan, Y.H. 60639
Chen, C.T. *see* Krambeck, R.H. 70390
Chen, C.W., Anderson, J.S. The use of diffractive optical element in 3-5 micrometer optical system 63534
Chen, C.W., Fang, Y.K., Hsieh, J.C., Liang, M.S. A novel self-aligned TiN formation by N_2^+ implantation during two-step annealing Ti-salicidation for submicrometer CMOS technology application 81572
Chen, C.W., Luo, J., Huang, T.S. Left ventricle global motion and shape from CT volumetric data 88455
Chen, C.W. *see* Hsieh, J.C. 50007
Chen, C.W. *see* Hsieh, J.C. 55981
Chen, C.Y., Reichert, W., Cohen, R.M. Diffusion-limited etching of p-GaAs in NaOH-Na_2EDTA solutions 49895
Chen, C.Y. *see* Hsu, S.N. 92952
Chen, C.Y.R., Hou, C.Y., Singh, U. Optimal algorithms for bubble sort based non-Manhattan channel routing 50051
Chen, C.Y.R. *see* Aloqeely, M. 91788
Chen, C.Y.R. *see* Luciani, J.V. 64972
Chen, C.Y.R. *see* Nwosu, K.C. 75049
Chen, C.Y.R. *see* Sehgal, N.K. 49063
Chen, C.Y.R. *see* Sehgal, N.K. 92174
Chen, C.Y.R. *see* Shuo-Hsien Hsiao 96125
Chen, C.Y.R. *see* Wu, Q. 91753
Chen, C.Y.R. *see* Yu, E.S. 85219
Chen, D., Workman, R., Sarid, D. Fabrication of SiC films on Si(100) using a C_{60} molecular source 61328
Chen, D. *see* Aprile, E. 67331
Chen, D. *see* Aprile, E. 67342
Chen, D. *see* Baublis, V.V. 59244
Chen, D. *see* Chang, Y.H. 98645
Chen, D. *see* Hanks, J. 74130
Chen, D. *see* Lai, J.-S. 54087
Chen, D. *see* Leger, J.R. 56833
Chen, D. *see* Watanabe, H. 49494
Chen, D.-X. *see* Prados, C. 87451
Chen, D.-X. *see* Vazquez, M. 71952
Chen, D.G., Cao, Q.R., Li, E.P., Qiu, Z.S. Numerical method to simulate the interrupting process of current limiting circuit breaker and its application 90290
Chen, D.J. *see* Ruey-Shun Chen 52103
Chen, D.M., Xu, H., Creager, W.N., Burnett, P. Formation of crystalline islands of C_{60} on Si(111) 61405
Chen, D.X., Mark, J.W. Multicasting in the SCOQ switch 65518
Chen, D.X., Mark, J.W. A buffer management scheme for the SCOQ switch under nonuniform traffic loading 96168
Chen, D.Y., Carpenter, G.C., Lee, F.C.Y. RBSOA characterization of GTO devices 93361
Chen, D.Y. *see* Feng Lin 55130
Chen, E. *see* Banerjee, A. 100523
Chen, E. *see* Chen, M. 67340
Chen, E. *see* Liu, M.Y. 87172
Chen, E.I. *see* Maranowski, S.A. 50808
Chen, E.I. *see* Ries, M.J. 72877
Chen, E.J., Jenkins, W.K., O'Brien, W.D., Jr. The impact of various imaging parameters on ultrasonic displacement and velocity estimates 59351
Chen, E.Q., Lam, C.F. Predictor-corrector with cubic spline method for spectrum estimation in Compton scatter correction of SPECT 67496
Chen, E.T.Y. *see* Hwang, J.-N. 74508
Chen, F. Numerical simulations using boundary elements—case studies 48882
Chen, F.C. *see* Hwang, B. 78927
Chen, F.R., Wilcox, L.D., Bloomberg, D.S. Word spotting in scanned images using hidden Markov models 84940
Chen, G., Hadley, M.A., Smith, J.S. Pulsed and continuous-wave thermal characteristics of external-cavity surface-emitting laser diodes 94451
Chen, G., Kang Li, Zhong Ji Bilayered dielectric measurement with an open-ended coaxial probe 76150
Chen, G., Saito, A. Graphs with a cycle of length divisible by three 48777
Chen, G. *see* Kelly, P.A. 84952
Chen, G. *see* Nachman, R. 81592
Chen, G. *see* Yi-sha Ku 92643
Chen, G.-L., Xuan, J. The effect of lubricant-roughness ratio, Lambda (Λ), on tribological performance of magnetic thin film disks 50278
Chen, G.-L., Xuan, J., Truong, T., Sugiyama, T. In-situ measurement of wet stiction at HDI and whole surface mapping for glide height lower than 500 angstroms 50318
Chen, G.-L. *see* Xuan, J. 50313
Chen, G.-L. *see* Yeh, T.-A. 50310
Chen, G.C. *see* Kundu, A. 58504
Chen, G.C.C., Lin, W.Y.C., Hsu, J.C.M., Tsao, S.H. An accurate, self-checking digital teraohmmeter 87354
Chen, G.H. *see* Chan, C.C. 54227
Chen, G.H. *see* Chan, C.C. 90600
Chen, G.M. *see* Bai, J.Z. 53324
Chen, G.M. *see* Tarng, J.H. 72998
Chen, G.P., Malik, O.P., Hancock, G.C. Implementation and experimental studies of an adaptive self-optimizing power system stabilizer 99548
Chen, G.P. *see* Shih, F.Y. 67750
Chen, G.P. *see* Zhang, Y. 89148
Chen, G.S., Boothroyd, C.B., Humphreys, C.J. Direct electron-beam fabrication of nanometre scale silicon columns 81741
Chen, H., Chen, Y., Dilworth, D., Leith, E., Lopez, J., Shih, M., Sun, P.C., Arons, E., Draper, R., Clay, K. Comparison of various holographic techniques for imaging through biological tissue 59347
Chen, H., De Gasperis, P., Marcelli, R. Open circuit parameters of a magnetostatic forward volume wave straight-edge resonator coupled by orthogonal transducers 50390
Chen, H., De Gasperis, P., Marcelli, R. Using microwave network analyzer and MSW-SER to measure linewidth spectrum in magnetic garnet film from 0.5 to 20 GHz 53039
Chen, H., Liu, R.-W. Domain of attraction on adaptive feature extraction of nonstationary processes 74112
Chen, H., Mildner, D.F.R., Downing, R.G., Benenson, R.E., Xiao, Q.F., Sharov, V.A. Neutron focusing using capillary optics 59026
Chen, H., Mildner, D.F.R., Xiao, Q.F. Neutron focusing lens using polycapillary fibers 53109
Chen, H., Shih, M., Arons, E., Leith, E., Lopez, J., Dilworth, D., Sun, P.C. Electronic holographic imaging through living human tissue 67524
Chen, H. *see* Chen, J. 81604
Chen, H. *see* Decanniere, C. 95423
Chen, H. *see* Minemura, T. 98849
Chen, H. *see* Sun, D. 61226
Chen, H. *see* Sun, D. 61227
Chen, H. *see* Zhang, X.-P. 53677
Chen, H.-C. *see* Liu, L.-R. 80222
Chen, H.-C. *see* Sun, S.-Z. 93600
Chen, H.D., Feng, M.S., Lin, K.C., Chen, P.A., Wu, C.C., Wu, J.W. Anomalous mobility enhancement in heavily carbon-doped GaAs 62165
Chen, H.F. *see* Ahlen, S. 98641
Chen, H.H. *see* Chang, C.H. 87618
Chen, H.P., Wu, Y.P. Low voltage BiCMOS dynamic logic gates 92138
Chen, H.R., Chang, C.Y., Lee, C.P., Huang, C.H., Tsang, J.S., Tsai, K.L. High current gain, low offset voltage heterostructure emitter bipolar transistors 81826
Chen, H.R., Huang, C.H., Chang, C.Y., Lee, C.P., Tsai, K.L., Tsang, J.S. Heterojunction bipolar transistors with emitter barrier lowered by δ-doping 81811
Chen, H.R. *see* Tsai, K.L. 52868
Chen, H.R. *see* Tsai, K.L. 75979
Chen, H.R. *see* Tsai, K.L. 76002
Chen, H.S. *see* Ahlen, S. 98641
Chen, H.S. *see* Chou, H. 72217
Chen, H.T.H., Hansen, M.E., Engelstad, R.L., Johnson, W.A. Application and experimental verification of finite element modeling of friction effects for X-ray lithography mask mounts 81605
Chen, H.Y., Paige, E.G.S. Creation of 3D radiation fields to specification and demonstration using an optical SLM 56440
Chen, H.Y. *see* Wu, A.Y. 56418
Chen, I.-C., Rodder, M., Wann, H.-J., Spratt, D. Performance and reliability enhancement for CVD tungsten polycided CMOS transistors due to fluorine incorporation in the gate oxide 81909
Chen, I.-C. *see* Chatterjee, A. 70486
Chen, I.C. *see* Rodder, M. 93620
Chen, J., Harmer, M.P., Smyth, D.M. Polarization fatigue in perovskite ferroelectric ceramics and thin-films 50136
Chen, J., Ogawa, T., Nakamura, H., Myoren, H., Nakajima, K., Yamashita, T. Low frequency (1/f) noise in $YBa_2Cu_3O_{7-\delta}$ grain boundary junction dc superconducting quantum interference devices 82354
Chen, J., Panarella, E., Hilko, B., Chen, H. Soft X-ray output from the spherical pinch plasma radiation source (SPX II) for microlithography applications 81604
Chen, J., Tornberg, J., Kivimaa, J., Karras, M. Automatic industrial cross-correlator for flow measurement 76267
Chen, J., Udayakumar, K.R., Cross, L.E. Microwave assisted low temperature solid phase crystallization of ferroelectric thin films 54933
Chen, J., Van Veen, B.D., Hecox, K.E. A spatial feature extraction and regularization model for virtual auditory display 76871
Chen, J., Wieder, H.H., Young, A.P. Gate bias controlled charge distribution in the subbands of $In_{0.29}Al_{0.71}As/In_{0.3}Ga_{0.7}As$ modulation doped heterostructures 93025
Chen, J., Zhang, Y.S. Nickel/metal hydride batteries using rare-earth hydrogen storage alloy 90369
Chen, J. *see* Chang, E.Y. 80662
Chen, J. *see* DiVenere, A. 54853
Chen, J. *see* Dodroe, S.J. 89099
Chen, J. *see* Lu, T. 56476
Chen, J. *see* Mu, X. 57180
Chen, J. *see* Nakajima, K. 72233
Chen, J. *see* Patton, R.J. 48725
Chen, J. *see* Patton, R.J. 52763
Chen, J. *see* Patton, R.J. 61054

Chen, J. *see* Raymond, M.V. 93691
Chen, J. *see* St.-Maurice, J.-P. 59543
Chen, J. *see* Vas, P. 60508
Chen, J. *see* Wang, J. 94519
Chen, J. *see* Xia, G. 56762
Chen, J. *see* Xu, L.A. 66770
Chen, J. *see* Yong Kang 100380
Chen, J. *see* Zhang, Q.M. 93736
Chen, J.-F. *see* Chu, C.-L. 68873
Chen, J.-J.J. *see* Gwo-Ching Jang 77071
Chen, J.-L., Kundu, A. Automatic unsupervised texture segmentation using hidden Markov model 84945
Chen, J.-L., Sun, H.-F. Interface fault diagnosis in ATM switches 74848
Chen, J.-L. *see* Pan, F.-M. 91623
Chen, J.C. Open AlN operations strategy 52252
Chen, J.C., Jungling, S. Computation of higher-order waveguide modes by imaginary-distance beam propagation method 50513
Chen, J.C., Yang, B., Semendy, F., Clark, W.W., III, Boyd, P.R., Bambha, N. High quality ZnSe on GaAs grown by MOCVD using DEZn and DESe 91527
Chen, J.C. *see* Jungling, S. 82654
Chen, J.DeZ. *see* Zhi-Yue Lin 59389
Chen, J.D.Z. *see* Lin, Z.Y. 67569
Chen, J.E. *see* Hui Min Wang 55228
Chen, J.E. *see* Hui Min Wang 55247
Chen, J.F. *see* Shye Lin Wu 62746
Chen, J.F. *see* Yeong-Her Wang 93515
Chen, J.G. *see* Crow, M.L. 89022
Chen, J.H. *see* Chen, W.J. 100744
Chen, J.H. *see* Sauvain, E. 63548
Chen, J.J., Chan, A.K., Chui, C.K. A local interpolatory cardinal spline method for the determination of eigenstates in quantum-well structures with arbitrary potential profiles 62233
Chen, J.K. *see* Bailey, R.B. 66491
Chen, J.L., Gao, B.J., Yuan, W.F., Bi, Y.F., Ding, L.R., Huang, Q.L., Wang, J.H., Wang, F.T., Han, H.M., Liu, X.N., Han, G.C., Yuan, S.L. High magnetic field facilities and research at Hefei 79510
Chen, J.L. *see* Lin, J.C. 63193
Chen, J.P. *see* Chen, L.S. 88397
Chen, J.R. *see* Jiang, S.H. 88061
Chen, J.R. *see* Jiang, S.H. 98572
Chen, J.R. *see* Liu, Y.C. 67244
Chen, J.R. *see* Swift, J. 65161
Chen, J.S., Kolawa, E., Nicolet, M.-A., Ruiz, R.P. Ohmic contacts to n-GaAs with a Pt/Ge/Au contacting layer and a Ta-Si-N barrier: electrical and metallurgical characteristics 62307
Chen, J.S., Wang, C.J., Chen, S.J., Jan, G.J. A graphical user-interface control system at SRRC 87621
Chen, J.S. *see* Ungar, J.E. 94500
Chen, J.S. *see* Yee, K.S. 94769
Chen, J.S.-C., Guerin, R. On issues related to real-time applications support in the ORBIT Gbps ring 96711
Chen, J.T. *see* Roberts, R.S. 99390
Chen, K., Ervin, R.D. Worldwide IVHS activities: a comparative overview 78957
Chen, K. *see* Navarathna, A. 50196
Chen, K. *see* Singh, P.K. 87487
Chen, K.-H. *see* Fang, Y.K. 93310
Chen, K.-J. *see* Lee, L.-s. 84079
Chen, K.-J. *see* Lin, R.-J. 58108
Chen, K.-J. *see* Qu, X.-X. 54943
Chen, K.-M. *see* Song, J. 51094
Chen, K.C. *see* Arakawa, F. 70667
Chen, K.C. *see* Warne, L.K. 57132
Chen, K.J., Akeyoshi, T., Maezawa, K. Reset-set flipflop based on a novel approach of modulating resonant-tunnelling current with FET gates 92083
Chen, K.L. *see* Lin, C.E. 88721
Chen, K.M. *see* Rao, S.M. 61234
Chen, K.M. *see* Rothwell, E.J. 75591
Chen, K.R. *see* Labadie, J.W. 91021
Chen, K.S. A Bragg scattering model for radar observation of oceans 67852
Chen, K.S., Fung, A.K. A study of bispectrum from narrow band nonlinear surfaces 99224
Chen, K.S., Fung, A.K., Tjuatja, S. Statistical properties of radar signal scattered from forest components 77602
Chen, K.S., Tzeng, Y.C., Chen, C.F., Kao, W.L., Ni, C.L. Classification of multispectral imagery using dynamic learning neural network 77603
Chen, K.S., Tzeng, Y.C., Kao, W.L. Retrieval of surface parameters using dynamic learning neural network 77304
Chen, K.S. *see* Tzeng, Y.C. 77711
Chen, K.S. *see* Yu Chang Tzeng 88869
Chen, L. Variable energy neutral beam design and kinetic energy etching 62417
Chen, L., Berkey, F.T., Johnson, S.A. The application of a fuzzy object search technique to geophysical data processing 64642
Chen, L., Kwok, H.L. Optimized design of a two-phase GaAs CMCCD and its charge transfer simulation 81971
Chen, L., McNulty, P.J., Abdel-Kader, W.G., Miller, T.L., Thompson, D.A. Single and multiple proton-induced NIEL events in silicon 76069
Chen, L. *see* Karim, Z. 56839
Chen, L. *see* Rajkumar, K.C. 54843
Chen, L. *see* Tong, X. 71308
Chen, L.-G. *see* Chen, M.-J. 95668
Chen, L.-H. *see* Lee, C.-H. 64770
Chen, L.-K. *see* Chan, C.-K. 97142
Chen, L.-Y., Santos, E.J.P., MacDonald, N.C. An isolation technology for joined tungsten MEMS 55832
Chen, L.C. *see* Yang, B.J. 63557
Chen, L.D., Zhang, M.J., Zhang, S. Determination of bending stress of Si wafer using concentrated load 81190
Chen, L.F. *see* Arya, R.R. 90414
Chen, L.F. *see* Arya, R.R. 100522
Chen, L.F. *see* Oswald, R. 90428
Chen, L.J. *see* Bai, J.Z. 53324
Chen, L.J. *see* Huang, G.J. 81473
Chen, L.J. *see* Lin, J.C. 56203
Chen, L.J. *see* Lin, J.C. 63193
Chen, L.J. *see* Shye Lin Wu 49866
Chen, L.J. *see* Shye Lin Wu 62746
Chen, L.K. *see* Chao Su 58422
Chen, L.P. *see* Horng-Chih Lin 79942
Chen, L.P. *see* Jung, T.G. 93313
Chen, L.P. *see* Li, H.S. 56543
Chen, L.S., Chen, J.P., Chen, S.C., Liu, P.W., Shyu, S.S. A distributed and interactive three-dimensional medical image system 88397
Chen, M. Improved Girault identification scheme 83996
Chen, M., Cook, B., Henrikson, H., Hertenberger, R., Mascarenhas, N., Novikov, V., Boehm, F., Vogel, P. The San Onofre neutrino oscillation experiment 59169
Chen, M., Luckey, D., Smolin, M., Sumorok, K., Zhang, X., Bolozdynya, A., Belogurov, S., Churakov, D., Koutchenkov, A., Kovalenko, A., Kuzichev, V., Lebedenko, V., Sheinkman, V., Smirnov, G., Safronov, G., Vinogradov, V., Giomataris, Y., Joseph, C., Werlen, M., Charpak, G., Blumenfeld, B., Gougas, A.K., Steele, D., Akopyan, M. Results of a first beam test of hadron blind trackers 67349
Chen, M., Mullins, M., Pelly, D., Shotkin, S., Cai, L., Sumorok, K., Akyuz, D., Chen, E., Gaudreau, M.P.J., Bolozdynya, A., Tchernyshev, V., Goritchev, P., Khovansky, V., Koutchenkov, A., Kovalenko, A., Lebedenko, V., Vinogradov, V., Gusev, L., Sheinkman, V., Krasnokutsky, R.N., Shuvalov, R.S., Fedyakin, N.N., Sushkov, V., Akopyan, M., Doke, T., Kikuchi, J., Hitachi, A., Kashiwagi, T., Ichinose, H., Masuda, K., Shibamura, E., Suzuki, M., Takahashi, T., Sugimoto, S., Giomataris, Y., Charpak, G. A precision e/γ detector using LKr/Xe scintillating calorimeters and hadron blind trackers for heavy ion and hadron colliders 67340
Chen, M., Zou, Z.Y., Huang, J.M., Ye, B.N., Qian, W.G. New applications of arc discharge source 53245
Chen, M. *see* Ahlen, S. 98641
Chen, M. *see* Akimov, D.Yu. 67344
Chen, M. *see* Ishida, N. 67339
Chen, M. *see* Li, C.-S. 65313
Chen, M.-J., Chen, L.-G., Chiueh, T.-D. One-dimensional full search motion estimation algorithm for video coding 95668
Chen, M.-M., Tsang, C., Gharsallah, N. Exchange bias enhancement through interdiffusion of NiFe/FeMn/metal films 50236
Chen, M.-P., Srivastava, H.M. Some families of bilinear and bilateral generating functions 91359
Chen, M.-Q. *see* Bose, T. 84189
Chen, M.-S. *see* Lee, W.-J. 60013
Chen, M.-S. *see* Lee, W.-J. 67981
Chen, M.-S. *see* Wang, H.-C. 85568
Chen, M.-T. *see* Wu, Q.-Z. 74514
Chen, M.-Y., Kundu, A., Srihari, S.N. Handwritten word recognition using continuous density variable duration hidden Markov model 84964
Chen, M.-Y., Kundu, A., Srihari, S.N. Variable duration hidden Markov model and morphological segmentation for handwritten word recognition 96041
Chen, M.C. *see* Kim, J.S. 81237
Chen, N. *see* Lee, T.-Y. 99478
Chen, O.T.-C., Sheu, B.J., Fang, W.-C. Image compression using self-organization networks 95666
Chen, O.T.-C., Sheu, B.J., Zhen Zhang An adaptive vector quantizer based on the Gold-Washing method for image compression 57718
Chen, O.T.-C. *see* Joongho Choi 50710
Chen, P., Ando, S. Pitch from zeros of bank-filtered signals 84086
Chen, P. *see* Barletta, B. 76636
Chen, P. *see* Chan, C.C. 60158
Chen, P. *see* Madhukar, A. 54936
Chen, P. *see* Rajkumar, K.C. 54843
Chen, P. *see* Young, A.T. 53272
Chen, P.-F., Juang, J.-Y., Ma, G.-K., Tsai, R.-L. A priority-based multi-class service TCP/IP on Mach microkernel 96257
Chen, P.A., Chang, C.Y., Juang, C. Analysis of differential gain in GaAs/AlGaAs quantum-well lasers 72822
Chen, P.A. *see* Chen, H.D. 62165
Chen, P.C., Chopra, I. Induced strain actuation of composite beams and rotor blades with embedded piezoceramic elements 88625
Chen, P.C. *see* Chen, T.R. 63846
Chen, P.C. *see* Subbarayan, G. 91020
Chen, Q., Fusco, V.F. Three dimensional cylindrical coordinate finite-difference time-domain analysis of curved slotline 51185
Chen, Q., Konrad, A., Lavers, J.D., Biringer, P.P. Application of the hybrid integrodifferential finite element — Green's function method to the power efficiency study of eddy current shielding of I-beams 83514
Chen, Q., Lee, F.C., Jovanovic, M.M. Analysis and design of weighted voltage-mode control for a multiple-output forward converter 54110
Chen, Q., Risk, W.P. Periodic poling of $KTiOPO_4$ using an applied electric field 83294
Chen, Q., Willander, M. Fabrication, performance and characterization of Si delta-doped FET grown by MBE 62889
Chen, Q.X., Dewhurst, R.J., Payne, P.A., Wood, B. A new laser-ultrasound transducer for medical applications 67506
Chen, Q.X. *see* Hatfield, J.V. 59616
Chen, Q.X. *see* Hatfield, J.V. 88879
Chen, Q.X. *see* Scales, N.R. 80185
Chen, R. Effect of probabilistic error checking procedures on performability of robust objects 51371
Chen, R., Howard, J.W., Block, R.C. SEU tests with an improved Cf-252 system 76773
Chen, R. *see* Singh, A. 76875
Chen, R.L., Spanos, C.J. Statistical data preprocessing for fuzzy modeling of semiconductor manufacturing process 69549
Chen, R.M.M. *see* Cheng, L.M. 85687
Chen, R.M.M. *see* Jia, X.D. 70244
Chen, R.M.M. *see* Ng, P.K.H. 70245
Chen, R.M.M. *see* Wu, K.Y. 70243
Chen, R.T. VME optical backplane bus for high performance computer 56495
Chen, R.T. Wavelength division demultiplexer on a GaAs substrate 65504
Chen, R.T. Guided-wave optoelectronic interconnects: their potential and future trends 82857
Chen, R.T., Li, M., Suning Tan, Gerald, D. Rare earth ions-doped graded index single-mode polymer waveguide amplifier 72395
Chen, R.T., Li, M., Suning Tang, Gerald, D., Peskin, M. Polymer-based chirped grating lens working at visible wavelengths on a GaAs substrate 57001
Chen, R.T. *see* Li, M.M. 72393
Chen, R.T. *see* Li, M.M. 82862
Chen, R.T. *see* Natarajan, S. 82870
Chen, R.T. *see* Peskin, M. 58394
Chen, R.T. *see* Suning Tang 56575
Chen, R.T. *see* Suning Tang 56589
Chen, R.T. *see* Tang, S. 56407
Chen, R.T. *see* Tang, S. 79378
Chen, R.T. *see* Tang, S. 82858
Chen, R.T. *see* Tang, S. 82867
Chen, R.W., Navin-Chandra, D., Kurfess, T., Prinz, F. A systematic methodology of material selection with environmental considerations 79241
Chen, R.W., Navin-Chandra, D., Prinz, F.B. Product design for recyclability: a cost benefit analysis model and its application 54477
Chen, R.Z. *see* Bennett, K.D. 76046
Chen, S., Baldi, P., De Micheli, M.P., Ostrowsky, D.B., Leycuras, A., Tartarini, G., Bassi, P. Hybrid modes in proton exchanged waveguides realized in $LiNbO_3$, and their dependence on fabrication parameters 63452
Chen, S., Lopez, G. Simulation of the transverse dipole mode multibunch instability for the SSC collider 87905
Chen, S., McLaughlin, S., Grant, P.M., Mulgrew, B. Joint channel estimation and data detection using a blind Bayesian decision feedback equaliser 84555
Chen, S., Zhong, E., Lipo, T.A. A new approach to motor condition monitoring in induction motor drives 60539
Chen, S. *see* Chung-Yin Kwok 80339
Chen, S. *see* Fang, M. 51725
Chen, S. *see* Grant, P.M. 57470
Chen, S. *see* Haralick, R.M. 85126
Chen, S. *see* Ho, T.C. 80735
Chen, S. *see* Lai, R. 70913
Chen, S. *see* Lo, D.C.W. 66312
Chen, S. *see* Lo, D.C.W. 80832
Chen, S. *see* Lo, D.C.W. 92592
Chen, S. *see* Lopez, G. 66901
Chen, S. *see* Wang, H. 92543
Chen, S.C., Bambos, N., Pottie, G.J. Admission control schemes for wireless communication networks with adjustable transmitter powers 65643
Chen, S.C., Gonichon, J., Lin, L.C.-L., Temkin, R.J., Trotz, S., Danly, B.G., Wurtele, J.S. High gradient acceleration in a 17 GHz photocathode RF gun 76359
Chen, S.C. *see* Chen, L.S. 88397
Chen, S.C. *see* Gonichon, J. 76641
Chen, S.C. *see* Lin, L.C.-L. 81123

Chen, S.D., Lin, L., He, X.Z., Xu, Z.Y., Luo, C.P., Xu, J.Z. High-resolution photoluminescence studies of (211) CdTe grown on (211)B GaAs substrate 61302
Chen, S.F. *see* Brown, P.F. 73780
Chen, S.G. *see* Ho, J.M. 66398
Chen, S.G. *see* Ho, J.M. 87270
Chen, S.H. *see* Bandler, J.W. 80638
Chen, S.H. *see* Bandler, J.W. 92486
Chen, S.H. *see* Bandler, J.W. 92538
Chen, S.J. *see* Chen, J.S. 87621
Chen, S.N. *see* Bai, J.Z. 53324
Chen, S.S., Kuo, J.B. An analytical saturation region model for amorphous silicon thin film transistors using a quasi-two-dimensional and an effective temperature approach 71651
Chen, S.S. *see* Cai, Y. 90590
Chen, S.S. *see* Kuo, J.B. 49363
Chen, S.W. *see* Huang, H.C. 80781
Chen, T., Rice, D., Rubin, D., Sagan, D., Tigner, M. Experimental study of crossing angle collision 87802
Chen, T., Vaidyanathan, P.P. On the choice of rational decimation systems for multidimensional signals 85047
Chen, T. *see* Alzahrani, F. 92179
Chen, T. *see* Dong, Y. 57921
Chen, T. *see* Sunada, G. 93534
Chen, T.-R. *see* Chang, T.-S. 69533
Chen, T.C.C. *see* Wu, A.Y. 56418
Chen, T.H., Chow, P.D., Tan, K.L., Lester, J.A., Zell, G., Huang, M. One watt Q-Band class A pseudomorphic HEMT MMIC amplifier 80838
Chen, T.H. *see* Chang, E.Y. 80662
Chen, T.H. *see* Lester, J.A. 80788
Chen, T.M., Liu, S.S. Management and control functions in ATM switching systems 75079
Chen, T.M., Walrand, J., Messerschmitt, D.G. Parameter estimation for partially observed queues 96190
Chen, T.P., Lee, T.C., Fung, S., Beling, C.D. Determination of leakage resistance of Schottky contacts by photovoltage measurements 62306
Chen, T.R., Chen, P.C., Ungar, J., Bar-Chaim, N. High speed complex-coupled DFB laser at 1.3 μm 63846
Chen, T.R. *see* Zhao, B. 83145
Chen, T.Y. Digital fringe multiplication of photoelastic images—a new approach 61445
Chen, V.C. Radar ambiguity function, time-varying matched filter, and optimum wavelet correlator 58470
Chen, V.C. Radar ambiguity function, time-varying matched filter, and optimum wavelet correlator 75584
Chen, V.C. *see* Tsao, T.-R.J. 57828
Chen, V.M.C., Woo, J.C.S. A CMOS-compatible, low power and low noise gated BJT on TFSOI substrate 71831
Chen, V.M.C., Woo, J.C.S. Shallow buried channel gated BJT on TFSOI substrate 93674
Chen, W., Gaines, J., Ponzoni, C., Olego, D., Mangat, P.S., Soukiassian, P., Kahn, A. Reduction of the Au/p-ZnSe(100) Schottky barrier height using a thin Se interlayer 71206
Chen, W., Jen, L., Zhang, S.M. Radiation pattern optimisation for Yagi-Uda arrays of shaped dipole antennas 73484
Chen, W. *see* Chiang, S. 61666
Chen, W. *see* Eremin, V. 98607
Chen, W. *see* Jalas, P. 88315
Chen, W. *see* Jalas, P. 98724
Chen, W. *see* Jin, H. 99651
Chen, W. *see* Schmidt, T. 49580
Chen, W. *see* Teggatz, R. 49579
Chen, W. *see* Wirtz, R.A. 79406
Chen, W.-K. *see* Lu, A. 92061
Chen, W.-T., Chi, C.-Y. Recursive single-most-likely-replacement channel equaliser 64474
Chen, W.-T., Chi, C.-Y. New inverse filter criteria for identification and deconvolution of nonminimum-phase systems by single cumulant slice 84146
Chen, W.-T., Liu, U.-J. A feasible framework of traffic control on an ATM wide-area network 96753
Chen, W.H. *see* Lin, H.C. 79964
Chen, W.H. *see* Ueng, S.Y. 55819
Chen, W.J., Luo, R.X., Chen, J.H., Xiao, Z.B., Chen, Z.N. Low resistivity high efficiency silicon solar cell for potential space application 100744
Chen, W.L., Munns, G.O., Knightly, D., East, J.R., Haddad, G.I. InGaAs/AlAs/InGaAsP resonant tunneling bipolar transistors grown by chemical beam epitaxy 62717
Chen, W.L. *see* Cowles, J.C. 61930
Chen, W.M., Dreszer, P., Prasad, A., Kurpiewski, A., Walukiewicz, W., Weber, E.R., Sorman, E., Monemar, B., Liang, B.W., Tu, C.W. Origin of n-type conductivity of low-temperature grown InP 71098
Chen, W.S., Stewart, J.M., Devaney, W.E., Mickelsen, R.A., Stanbery, B.J. Thin film $CuInGaSe_2$ cell development 100496
Chen, W.S. *see* Burgess, R.W. 100752
Chen, W.T. *see* Brauer, J.M. 92678
Chen, W.Y., Waring, D.L. Applicability of ADSL to support video dial tone in the copper loop 52721
Chen, X., Altounian, Z. Hydrogenation decomposition desorption recombination magnets based on $Sm_{2+\delta}Fe_{17}M_{0.4}$ carbonitrides (M=IVB/VB/VIB group elements) 63256
Chen, X., Aoyagi, M., Kusakabe, C., Tomikawa, Y. Self-oscillated ultrasonic stepping motor with function of angular displacement self-correction: nonaxisymmetric ((2,1))-Mode thin disk motor 71904
Chen, X., Kingon, A.I., Auciello, O. AC conductivity and dielectric properties of sol-gel PZT thin films for ferroelectric memory applications 56106
Chen, X., Kingon, A.I., Bellur, K., Auciello, O. DC leakage and failure of PZT thin film capacitors for non-volatile ferroelectric memory and DRAM applications 93809
Chen, X., Kumar, V. Multicast routing in self-routing multistage networks 65098
Chen, X., Reed, I.S., Truong, T.K. Decoding the (73, 37, 13) quadratic residue code 83991
Chen, X., Yoshikawa, N., Sugahara, M. Observation of single-electron charging effect in NbN submicron bridges 63300
Chen, X.F., Li, Q., Hua, Y.M., Chen, Y.L. Generation of superbroadening visible spectrum by pumping two kinds of fibers successively with an intense laser 83312
Chen, X.S., Neudorfer, P., Cheng, S. Simulation of ferroresonance in low-loss grounded wye-wye transformers using a new multi-legged transformer model in EMTP 60281
Chen, X.Y., Leys, M.R., Ragay, F.W. Low frequency noise in p^+-GaAs with non-alloyed contacts 49919
Chen, X.Y. *see* Liu, Z.G. 70161
Chen, Y., Beker, B. The method of lines analysis of striplines with double-layered or suspended bianisortropic biaxial substrates 64204
Chen, Y., Nikias, C.L. Blind indentifiability of a band-limited nonminimum phase system from its output autocorrelation 84510
Chen, Y., Peterson, H., Bender, W. Lossy compression of palletized images 85017
Chen, Y., Tamura, H., Shibuya, Y., Ito, A. Analysis of presenting talking head video by the method of recognizing plural speech words 95271
Chen, Y., Wei Kang Tsai, Kurdahi, J., Her, T., Ramachandran, C. A performance driven logic synthesis system using delay estimator 49270
Chen, Y. *see* Arkadan, A.A. 83528
Chen, Y. *see* Auzel, F. 73034
Chen, Y. *see* Barakat, M. 98712
Chen, Y. *see* Chen, H. 59347
Chen, Y. *see* Fan, M. 76680
Chen, Y. *see* Guan, C. 73857
Chen, Y. *see* Haili Pan 59004
Chen, Y. *see* Narita, Y. 99885
Chen, Y. *see* Williamson, D.L. 90449
Chen, Y. *see* Zhao, T. 59180
Chen, Y.-C., Wang, C.Y., Lee, C.C. Directly deposited lead-indium-gold composite solder 90960
Chen, Y.-C. *see* Yang, H.-P.D. 50047
Chen, Y.-F. *see* Beaud, P. 72730
Chen, Y.-H., Lin, Y.-S. Fourth-order cumulant matrices for DOA estimation 57528
Chen, Y.-H., Lin, Y.-S. DOA estimation by fourth-order cumulants in unknown noise environments 84446
Chen, Y.-L., Liu, C.-C. Multiobjective VAr planning using the goal-attainment method 53721
Chen, Y.-P., Reed, J.D., Schaff, W.J., Eastman, L.F. High-quality strained quantum wires grown by molecular beam epitaxy on (100) GaAs substrate 54886
Chen, Y.-S. *see* Hwang, P.-W. 96047
Chen, Y.-Y., Upadhyaya, S.J. Modeling the reliability of a class of fault-tolerant VLSI/WSI systems based on multiple-level redundancy 61637
Chen, Y.-Y. *see* Jiang, X.-H. 70856
Chen, Y.C., Tsai, C.Y., Kuo, J.H. Merlin—multimedia electronic mail system 96555
Chen, Y.C. *see* Gutierrez-Aitken, A.L. 63583
Chen, Y.C. *see* Gutierrez-Aitken, A.L. 65861
Chen, Y.C. *see* Lin, T.Y. 65288
Chen, Y.C. *see* Thayne, I. 93502
Chen, Y.C. *see* Yamamoto, S. 58376
Chen, Y.C. *see* Yoon, H. 63842
Chen, Y.D., Ni, J., Wu, S.M. Dynamic calibration and compensation of a 3D laser radar scanning system 52652
Chen, Y.D., Tang, X.J., Ni, J., Wu, S.M. Automatic digitization of free-form curve by coordinate measuring machines 87017
Chen, Y.G., Zhou, D.Q., Luo, Z.X. High current O^+ ion source 53239
Chen, Y.H., Auzel, F. Photon avalanche in Er:ZBLAN fibre pumped at 690 nm 83015
Chen, Y.H. *see* Auzel, F. 94417
Chen, Y.J. *see* Rutkowski, H.L. 66802
Chen, Y.J. *see* Yu, S. 67027
Chen, Y.K., Fan, L., Humphrey, D.A., Tate, A., Sivco, D., Cho, A.Y. Reduction of 1/f noise current with non-equilibrium electron transport in AlInAs/InGaAs heterojunction bipolar transistors 92546
Chen, Y.K., Tanbun-Ek, T., Logan, R.A., Tate, A., Sergent, A.M., Wecht, K.W., Sciortino, P.F., Raybon, G., Froberg, N.M., Johnson, A.M. Short optical pulse generated by integrated MQW DBR laser/EA-modulator 72896
Chen, Y.K. *see* Froberg, N.M. 50820
Chen, Y.K. *see* Lai, Y.W. 52573
Chen, Y.K. *see* Ren, F. 93351
Chen, Y.K. *see* Tsang, W.T. 72855
Chen, Y.K. *see* Way, W.I. 98329
Chen, Y.K. *see* Wen-Yen Hwang 55726
Chen, Y.L. *see* Chen, X.F. 83312
Chen, Y.L. *see* Xie, S.W. 50958
Chen, Y.L. *see* Xie, S.W. 56868
Chen, Y.P., Faurie, J.P., Sivananthan, S. Direct growth of single-domain and twin-free CdTe(111)B on vicinal Si(001) by molecular beam epitaxy 91522
Chen, Y.P., Wong, D.F. On retiming for FPGA logic module minimization 92046
Chen, Y.P. *see* LeTran, T.T. 62301
Chen, Y.Q. *see* Bai, J.Z. 53324
Chen, Y.W., Li, H.S., Wang, K.L. Study of Stark effect in AlSb/GaSb/InAs/AlSb quantum well 81295
Chen, Y.W., Li, H.S., Zhou, Z., Wang, K.L. Transfer-matrix analysis of waveguide phase modulator using the linear electro-optic effect of asymmetric quantum wells 94186
Chen, Y.W. *see* Chen, C.S. 78088
Chen, Y.W. *see* Jo, J. 49956
Chen, Y.W. *see* Li, H.S. 56543
Chen, Y.X. *see* Ansari, K. 100815
Chen, Z., Abraham, N.B., Balle, S., D'Angelo, E., Tredicce, J.R. Transverse pattern development, phase vortex formation, and space-time dynamics in a laser model not restricted a priori to a few modes 94579
Chen, Z., Chittababu, K.G., Marx, K.A., Kumar, J., Tripathy, S.K., Samuelson, L.A., Akkara, J., Kaplan, D.L. Photodynamic protein incorporated in conducting polymer and sol-gel matrices: toward smart materials for information storage and processing 87304
Chen, Z., Kasamatsu, T., Shimizu, M., Shiosaki, T. Optical associative memory using photorefractive $LiNbO_3$:Fe hologram, and $LiNbO_3$:Fe and $BaTiO_3$ phase conjugate mirror 50452
Chen, Z., Ney, M.M. Conversion between the TLM solutions and field solutions 51110
Chen, Z. *see* Miremadi, B.K. 98142
Chen, Z. *see* Rohatgi, A. 81202
Chen, Z. *see* Rohatgi, A. 100574
Chen, Z. *see* Silvester, P.P. 51030
Chen, Z.H. *see* Leguijt, C. 94252
Chen, Z.J., Strom, A., Jiles, D.C. Micromagnetic surface measurements for evaluation of surface modifications due to cyclic stress 49026
Chen, Z.N. *see* Chen, W.J. 100744
Chen, Z.Q. *see* Bai, J.Z. 53324
Chen, Z.W., See, J.B., Gillian, W.F. Corrosion behaviour of low-antimony lead alloy in sulfuric acid solution 68945
Chen, Z.Y. *see* Wang, P. 99433
Chen Ai-Fan *see* Luo Rui-Xian 52964
Chen Anshi, Hou Hanchang, Liu Jun, Pan Deheng Photo-switch array and its applications in position detecting and imaging 87550
Chen Anshi, Li Di, Zhou Renzhong A research on fast Hadamard transform (FHT) digital systems 80379
Chen Antao *see* Antao Chen
Chen Biao *see* Biao Chen
Chen Bin-Kwie *see* Bin-Kwie Chen
Chen Binruo *see* He Mincai 52844
Chen Bo *see* Bo Chen
Chen Bo-Shi *see* Qian Wen-Ming 100813
Chen Bo-Shoe *see* Bo-Shoe Chen
Chen Boliong *see* Boliong Chen
Chen Bor-Sen *see* Bor-Sen Chen
Chen Caisheng *see* Zhang Shuqun 56327
Chen Caisheng *see* Caisheng Chen
Chen Chan-Yao, Dai Shu-Guang, Zhang Ren-Jie, Mu Ping-An Study of the automatic measuring technique and instrument of automobile shock absorber connecting rod 58966
Chen Chang-Fuu *see* Chang-Fuu Chen
Chen Chang-Jia *see* Chang-Jia Chen
Chen Changsheng *see* He Mincai 52844
Chen Charng-Kann *see* Charng-Kann Chen
Chen Cheng *see* Cheng Chen
Chen Cheng-Hong *see* Cheng-Hong Chen
Chen Chern-Lin *see* Chern-Lin Chen
Chen Chi-Farn *see* Chi-Farn Chen
Chen Chi-Fung *see* Chi-Fung Chen
Chen Chia-Erh *see* Zhang Hua-Sheng 53261
Chen Chia-Erh *see* Chia-Erh Chen
Chen Chia-Fu *see* Chia-Fu Chen
Chen Chia-Hsiang *see* Chia-Hsiang Chen
Chen Chien-Chung *see* Chien-Chung Chen
Chen Chien-In Henry *see* Chien-In Henry Chen
Chen Chien-Yuan *see* Chien-Yuan Chen
Chen Chih-Ang *see* Chih-Ang Chen
Chen Chih-Tung *see* Chih-Tung Chen
Chen Chin Liu *see* San Lein Wu 93490
Chen Chin-Hsing *see* Chin-Hsing Chen
Chen Chin-Tu *see* Chin-Tu Chen
Chen Ching-Hwa *see* Ching-Hwa Chen
Chen Ching-Sen *see* Ching-Sen Chen
Chen Chingchi *see* Chingchi Chen
Chen Chiouguey *see* Chiouguey Chen

Chen Chong *see* Chong Chen
Chen Chuangtian *see* Lin Shujie 50956
Chen Chuen-Cherng *see* Chuen-Cherng Chen
Chen Chun Hsiung *see* Chun Hsiung Chen
Chen Chun-Han *see* Chun-Han Chen
Chen Chun-Hsien *see* Chun-Hsien Chen
Chen Chun-Hsiung *see* Chun-Hsiung Chen
Chen Chun-Hung *see* Chun-Hung Chen
Chen Chun-Jung *see* Chun-Jung Chen
Chen Chun-Lin *see* Chun-Lin Chen
Chen Chun-Ta *see* Chun-Ta Chen
Chen Chun-Yu *see* Chun-Yu Chen
Chen Chung-Hsing *see* Chung-Hsing Chen
Chen Chung-Ming *see* Chung-Ming Chen
Chen Chung-Wen *see* Chung-Wen Chen
Chen Chung-Yin *see* Chung-Yin Chen
Chen Chyuan-Wei *see* Chyuan-Wei Chen
Chen Da *see* Yu Shan 81931
Chen Daiquan Synchronous token communication mode and its application 85290
Chen Dao Sheng *see* Dao Sheng Chen
Chen Dao Wen *see* Dao Wen Chen
Chen Dapang *see* Dapang Chen
Chen Datong *see* Datong Chen
Chen Debao *see* Debao Chen
Chen Degui *see* Chen Yong 90235
Chen Dejian *see* Dejian Chen
Chen Dengyuan *see* Dengyuan Chen
Chen Deshu *see* Bu Zhengliang 68117
Chen Deshu *see* Cao Yijia 53695
Chen Deshu *see* Cao Yijia 89053
Chen Deshu *see* Liu Qianjin 53683
Chen Deshu *see* Wang Fangzong 77832
Chen Deshu *see* Wang Fangzong 99554
Chen Deshu *see* Ye Ping 99749
Chen Deshu *see* Zhao Songli 99541
Chen Deshu *see* Deshu Chen
Chen Di *see* Luo Yi 72851
Chen Di *see* Luo Yisheng 88081
Chen Dong *see* Dong Chen
Chen E-Liang *see* E-Liang Chen
Chen En-Hsing *see* En-Hsing Chen
Chen Fang *see* Fang Chen
Chen Fangxin *see* Fangxin Chen
Chen Fanxin *see* Li Hong 56733
Chen Fei-Chin *see* Fei-Chin Chen
Chen Feifan *see* Feifan Chen
Chen Feng *see* Wang Yaolin 97946
Chen Feng *see* Feng Chen
Chen Feng Yu *see* Feng Yu Chen
Chen Fu-Fa *see* Fu-Fa Chen
Chen Fujie *see* Fujie Chen
Chen Gaoting *see* Yang Zhijian 50853
Chen Gelin *see* Gelin Chen
Chen Gen-Huey *see* Gen-Huey Chen
Chen Genshe *see* Yang Lixin 77103
Chen Guan-Jye *see* Guan-Jye Chen
Chen Guang *see* Guang Chen
Chen Guanghua *see* Guanghua Chen
Chen Guangjie The 110 kV unattended substation planning of Fuzhou network 100414
Chen Guangju, Li Weimin Expert system based on neural networks for ICCAT 91796
Chen Guanrong *see* Guanrong Chen
Chen Guo-Fong *see* Guo-Fong Chen
Chen Guofu The new development of femtosecond laser pulse technology 82961
Chen Guojian A new principle of whole line length successive trip distance protection 53837
Chen Haiqin, Ruan Yu, Chang Yangyan Design of a phase-delay element used in phase-change disk with two beam optical head 50448
Chen Haixin *see* Haixin Chen
Chen Han-Yang *see* Han-Yang Chen
Chen Hao *see* Hao Chen
Chen Heng *see* Heng Chen
Chen Herng-Yow *see* Herng-Yow Chen
Chen Hone-Cheng *see* Hone-Cheng Chen
Chen Hong *see* Hong Chen
Chen Hong Ming *see* Hong Ming Chen
Chen Hong-Twu *see* Hong-Twu Chen
Chen Hong-You *see* Hong-You Chen
Chen Hongfang *see* Han Jiaxiang 98648
Chen Horng-Dar *see* Horng-Dar Chen
Chen Horng-Dean *see* Horng-Dean Chen
Chen Horng-Shiong *see* Horng-Shiong Chen
Chen Houlian, Shen Shande, Zhu Shouzhen Radial basis function networks for power system dynamic load modeling 99429
Chen Houlian *see* Shen Shande 99515
Chen Houlian *see* Zhu Shouzhen 59685
Chen Houlian *see* Zhu Shouzhen 99440
Chen Hsi-Chuan *see* Hsi-Chuan Chen
Chen Hsiao-Jing *see* Hsiao-Jing Chen
Chen Hsin-Chieh *see* Hsin-Chieh Chen
Chen Hsin-Yuan *see* Hsin-Yuan Chen
Chen Huaijin Technology of flexible AC transmission system and its applications 78055
Chen Huaijin Technology of Flexible AC Transmission System and its applications 78056
Chen Huanchu *see* Huanchu Chen
Chen Huang-San *see* Huang-San Chen
Chen Hui, Huang Xiangfu, Zhu Junfan Modelling S parameters and noise behavior of HEMT devices in MMW band 80682
Chen Hui, Wu Hongshi, Wu Wanchun Theory and algorithm for analysis of the harmonic behaviour of nonlinear microwave circuits 92511
Chen Hui, Ye Peida The linewidth of DFB semiconductor lasers calculated by two-dimensional theory 83171
Chen Hui-Ming *see* Wu Yi-Liang 80111
Chen Huifang *see* Huifang Chen
Chen Huifen *see* Huifen Chen
Chen Huihuang *see* Huihuang Chen
Chen Huimin *see* Han Tianmin 77869
Chen Hung-Pin *see* Hung-Pin Chen
Chen I-Pao *see* I-Pao Chen
Chen Imao *see* Imao Chen
Chen Jau-Wen *see* Jau-Wen Chen
Chen Jen-Kwang *see* Jen-Kwang Chen
Chen Jen-Shiun *see* Jen-Shiun Chen
Chen Jeng-Ming *see* Jeng-Ming Chen
Chen Ji *see* Ji Chen
Chen Ji-Yan *see* Ji-Yan Chen
Chen Jia-Erh *see* Jia-Erh Chen
Chen Jia-Jin J *see* Jia-Jin J Chen
Chen Jiaer *see* Du Xiangwan 50891
Chen Jian *see* Jian Chen
Chen Jian Hua A new solution of the Diophantine equation $X^2+1=2Y^4$ 69722
Chen Jian Yao *see* Jian Yao Chen
Chen Jian-Feng *see* Jian-Feng Chen
Chen Jian-Guo, Ren Xin-Hua, He Zheng-Hui Image segmentation for measurement of particulate contamination in hydraulic fluid 74431
Chen Jian-Liang *see* Jian-Liang Chen
Chen Jian-Shiang *see* Jian-Shiang Chen
Chen Jianhui *see* Jianhui Chen
Chen Jiankang *see* Tu Pingliang 54267
Chen Jianlin *see* Fu Shuti 59825
Chen Jianmin, Cheng Hongwen, Guan Xiaoming A type of balancing system of control output with multi-functions 78361
Chen Jiann-Fuh *see* Jiann-Fuh Chen
Chen Jiann-Liang *see* Jiann-Liang Chen
Chen Jiansheng, Zhu Tongchun The new technology for improving the tensile strength of insulation rope 78152
Chen Jiansheng, Zhu Tongchun, Zhang Junlan, Zhang Lihua Shield clothing for DC live working 78153
Chen Jiansheng *see* Hu Yi 78173
Chen Jie *see* Wang Yongji 78486
Chen Jihua *see* Jihua Chen
Chen Jimin A simple remote channel rapid testing method 100413
Chen Jin-Jer *see* Jin-Jer Chen
Chen Jin-Yuan *see* Jin-Yuan Chen
Chen Jincan, Yan Zijun Optimal analysis on performance of a semiconductor thermoelectric generator 78837
Chen JingChun *see* Zhan DeChen 74364
Chen Jinyuan *see* Gao Benqing 67424
Chen Jiongyao *see* Jiongyao Chen
Chen Jiping *see* Wei Yongtian 89727
Chen Jiunn-Lang *see* Jiunn-Lang Chen
Chen Jui-Hsiang *see* Jui-Hsiang Chen
Chen Juin-Liang *see* Juin-Liang Chen
Chen Jun *see* Jun Chen
Chen Junbi, Dai Ke, Li Wenjing The implementation of X.400 P3 96639
Chen Junliang *see* Hu Mengyou 73951
Chen Junliang *see* Junliang Chen
Chen Junning *see* Sun Jintan 62863
Chen Jwu E *see* Jwu E Chen
Chen Jyh-Young *see* Jyh-Young Chen
Chen Kai-Yao *see* Kai-Yao Chen
Chen Kangsheng *see* Kangsheng Chen
Chen Kao *see* Kao Chen
Chen Ke *see* Ke Chen
Chen Kean, Ma Yuanliang Adaptive active broadband noise control 64402
Chen Kebo *see* Kebo Chen
Chen Keh-Jiann *see* Keh-Jiann Chen
Chen Keming, Zhu Shouyong Selection and usage of electrolytic capacitors 80928
Chen Keming *see* Keming Chen
Chen Ko-Shung *see* Ko-Shung Chen
Chen Kuang Yi *see* Kuang Yi Chen
Chen Kuang-Chien *see* Kuang-Chien Chen
Chen Kuin-Hui *see* Kuin-Hui Chen
Chen Kun-Luh *see* Kun-Luh Chen
Chen Kun-Mu *see* Kun-Mu Chen
Chen Kun-Nen *see* Kun-Nen Chen
Chen Kuo-Liang *see* Kuo-Liang Chen
Chen Kwan-Cheng *see* Kwan-Cheng Chen
Chen Kwang-Cheng *see* Kwang-Cheng Chen
Chen Leemian *see* Leemian Chen
Chen Lei, Jin Zhi-Liang Single-tone HF high speed data modem 96887
Chen Li *see* Li Chen
Chen Li-Jie *see* Ding Zhen-Liang 58614
Chen Liang, Fanping Sun, Rogers, C.A. Electromechanical impedance modeling of active material systems 93784
Chen Liang *see* Rossi, A. 100425
Chen Liang *see* Stein, S.C. 100426
Chen Liang *see* Su-Wei Zhou 93771
Chen Liang *see* Suwei Zhou 82209
Chen Liang-Gee *see* Liang-Gee Chen
Chen Liang-Hua *see* Liang-Hua Chen
Chen Liang-Hwa *see* Liang-Hwa Chen
Chen Liangfan *see* Liangfan Chen
Chen Liangkun *see* Zeng Jinchuan 72561
Chen Lianxiang, Zhang Qingling, Wang Xinhui, Luo Qikun An investigation of cerebrograph imaging system 98857
Chen Lidong *see* Lidong Chen
Chen Ling *see* Ling Chen
Chen Ling-Hwei *see* Ling-Hwei Chen
Chen Linsen *see* Wu Jianhong 56841
Chen Linzhu *see* Zhang Shu 74423
Chen Liquan *see* Liquan Chen
Chen Lixue *see* Yuan Shifu 56499
Chen Lixue *see* Yuan Shifu 72479
Chen Lu Lin *see* Lin Chen Lu
Chen Lujun *see* Luo Enze 92634
Chen Mao-Chieh *see* Mao-Chieh Chen
Chen Ming *see* Ming Chen
Chen Ming-Fong *see* Ming-Fong Chen
Chen Ming-Je *see* Ming-Je Chen
Chen Ming-Jer *see* Ming-Jer Chen
Chen Ming-Jin *see* Ming-Jin Chen
Chen Ming-Shih *see* Ming-Shih Chen
Chen Ming-Xun *see* Huang Hui-Jun 100086
Chen Mingze *see* Wang Zhiliang 100171
Chen Mon-Song *see* Mon-Song Chen
Chen Muh-Lin *see* Muh-Lin Chen
Chen Pengyuan *see* Pengyuan Chen
Chen Pisin *see* Pisin Chen
Chen Pizhang *see* Pizhang Chen
Chen Po-An *see* Po-An Chen
Chen Qi Xiu *see* Qi Xiu Chen
Chen Qi-Rui, Wang Guo-Ping, Guo Lu-Rong, Dai Chao-Ming Real time diffraction efficiency and the anti-humidity mechanism of NGD holograms 50966
Chen Qiaofu, Xie Zhimai, Chang Guosheng, Lin Jinming On-line insulation monitoring and fault diagnosis for large electrical machines 89818
Chen Qiaofu *see* Liu Shaoke 89819
Chen Qiaofu *see* Liu Shaoke 89820
Chen Qiaofu *see* Xie Zhimei 89813
Chen Qibiao *see* Qibiao Chen
Chen Qin *see* Sun Biehe 53217
Chen Qin *see* Sun Biehe 53243
Chen Qin-Sheng *see* Qin-Sheng Chen
Chen Qirui *see* Qirui Chen
Chen Qiushi *see* Qiushi Chen
Chen Qiying *see* Gu Donghong 50449
Chen Qiying *see* Shu Juping 72295
Chen Qiying *see* Qiying Chen
Chen Qu Fei *see* Qu Fei Chen
Chen Rong-Jaye *see* Rong-Jaye Chen
Chen Rong-Jian *see* Rong-Jian Chen
Chen Ruey-Shun *see* Ruey-Shun Chen
Chen Ruyi *see* Ruyi Chen
Chen Sau-Gee *see* Sau-Gee Chen
Chen Seng-Woon *see* Seng-Woon Chen
Chen Shanhuai, Xu Zhicai, Yan Guipan A 75～115 GHz phase-locked solid state source 80681
Chen Shao Hua *see* Shao Hua Chen
Chen Shaofeng *see* Tan Kaisheng 55028
Chen Shaoneng, Li Dejiang Measurement of energy spectrum parameters in MNSR irradiation site by solid track method-dual foil method 88173
Chen Shaotang *see* Shaotang Chen
Chen Shaotong *see* Shaotong Chen
Chen Sheng-Hsiung *see* Sheng-Hsiung Chen
Chen Shi Xin *see* Shi Xin Chen
Chen Shiao-Shien *see* Shiao-Shien Chen
Chen Shing-Hong *see* Shing-Hong Chen
Chen Shiyuan Arrangement of unconventional pole changing winding with reversing coil techniques 89888
Chen Shousun *see* Ni Yixin 53614
Chen Shousun *see* Ni Yixin 68121
Chen Shousun *see* Zhang Zhonghua 89048
Chen Shousun *see* Shousun Chen
Chen Shuming *see* Shuming Chen
Chen Shun-Lung *see* Shun-Lung Chen
Chen Shung-Chih *see* Shung-Chih Chen
Chen Shuzheng *see* Gao Tie 73542
Chen Sin-Horng *see* Sin-Horng Chen
Chen Siyuan *see* Liu Kun 71241
Chen Song *see* He Lei 80045
Chen Song *see* Song Chen
Chen Songsheng *see* Luo Zongnan 98253
Chen Sy-Hwa *see* Sy-Hwa Chen
Chen Tai *see* Tai Chen
Chen Tai-Yi *see* Tai-Yi Chen
Chen Tao, Yu Yuehui, Peng Zhaolian, Xu Jingping Two kinds of overvoltage self protection structure for light-triggered thyristors 81850
Chen Tao *see* Tao Chen
Chen Tengbin *see* Fang Qiwan 57032
Chen Tianping *see* Tianping Chen
Chen Tieh-Yuh *see* Tieh-Yuh Chen
Chen Ting *see* Ting Chen
Chen Ting-Chung *see* Ting-Chung Chen
Chen Tongwen *see* Tongwen Chen
Chen Tsai-Hsiang *see* Tsai-Hsiang Chen
Chen Tsauh Hong *see* Tsauh Hong Chen
Chen Tsu-Wang *see* Tsu-Wang Chen
Chen Tsuhan *see* Tsuhan Chen
Chen Tsung-Cheng *see* Tsung-Cheng Chen
Chen Tzong-Jyh *see* Tzong-Jyh Chen
Chen Tzung-Yuang *see* Tzung-Yuang Chen
Chen Wai *see* Wai Chen
Chen Waner *see* Li Xixiong 100152
Chen Wei, Nuttall, K. A novel power JFET structure for optical activation 81977
Chen Wei *see* Wei Chen
Chen Wei-Kuo *see* Wei-Kuo Chen
Chen Wei-Ming *see* Wei-Ming Chen

Chen Weinan *see* Li Liyuan 74429
Chen Weixi *see* Yang Zhijian 50853
Chen Weiyou, Liu Shiyong The design of HBT driver circuit for 1.5 μm InP/InGaAs OEIC lightwave transmitter 63609
Chen Weiyou, Liu Shiyong The choosing of emitter length and base width of InP/InGaAsP HBT 81819
Chen Wen-Chin *see* Wen-Chin Chen
Chen Wen-Chun *see* Wen-Chun Chen
Chen Wen-Der *see* Wen-Der Chen
Chen Wen-Jiang *see* Wen-Jiang Chen
Chen Wen-Jone *see* Wen-Jone Chen
Chen Wen-Shyang *see* Wen-Shyang Chen
Chen Wen-Tsuen *see* Wen-Tsuen Chen
Chen Wenbo, Meng Fandin, Tang Aimei Teleconferencing video transmission control in microwave network 85931
Chen Wende *see* Wende Chen
Chen Wenyi *see* Wenyi Chen
Chen Wu *see* Ji Chen 91399
Chen Wu *see* Ke-Li Wu 92566
Chen Xi-Xian The minimum up bound of linear filters' output signal to noise ratio and their noise reduction characteristics 64414
Chen Xian-lu *see* He Jin-Liang 99746
Chen Xiang-Wen *see* Xiang-Wen Chen
Chen Xiangkun *see* Liu Mingjian 89908
Chen Xiangxun A high-accuracy harmonic analyzer prototype eased on FAFT 87040
Chen Xianming, Xu Heping, Hu Jiachun, Huang Dalu, Liu Weiqun The most compact digital regulator for thyristor excitation of large alternators 89906
Chen Xiao-Hong *see* Xiao-Hong Chen
Chen Xiao-Huai *see* Fei Ye-Tai 58977
Chen Xiaohu *see* Han Xueshan 77981
Chen Xiaojun *see* Xiaojun Chen
Chen Xiaowei *see* Xiaowei Chen
Chen Xifang Design and research of hydro generators for Three Gorges Project 89887
Chen Xin *see* Xin Chen
Chen Xing *see* Xing Chen
Chen Xinghao *see* Xinghao Chen
Chen Xiuzhi *see* Que Duanlin 92928
Chen Xixian *see* Xixian Chen
Chen Xuemin *see* Xuemin Chen
Chen Xueqing *see* Xu Xiangyang 74268
Chen Xueyun *see* Zhu Wendong 88973
Chen Xun-Da *see* Xun-Da Chen
Chen Yah *see* Yah Chen
Chen Yan-Ping *see* Huang Yun-Qing 79737
Chen Yan-song *see* Yan-song Chen
Chen Yang *see* Yang Chen
Chen Yang-Fang *see* Yang-Fang Chen
Chen Yang-Hong *see* Yang-Hong Chen
Chen Yanping *see* Zhang Defu 85099
Chen Yansong *see* Yansong Chen
Chen Yau-Huei *see* Yau-Huei Chen
Chen Yaw-Wen *see* Yaw-Wen Chen
Chen Ye-Quang *see* Ye-Quang Chen
Chen Yeong-Chin *see* Yeong-Chin Chen
Chen Yi *see* Mu Hong 77833
Chen Yi *see* Xue Yusheng 88972
Chen Yi *see* Yi Chen
Chen Yi-Chang *see* Yi-Chang Chen
Chen Yidong *see* Yidong Chen
Chen Yijiang *see* Yijiang Chen
Chen Yin-Jang *see* Yin-Jang Chen
Chen Yinbao *see* Zhang Zhenhai 66930
Chen Yinchao *see* Yinchao Chen
Chen Yixin *see* Zhou Yi 56411
Chen Yixin *see* Zhou Yi 72437
Chen Yong, Chen Degui The investigation of reignition and breakdown phenomena of arc-motion in current limiting circuit breaker 90235
Chen Yong Xiao *see* Xu Guo Qing 90549
Chen Yongbin, Yang Junyou, Yu Hainian, Tang Renyuan Study on eddy current losses and shielding measures in large power transformers 90066
Chen Yongbin *see* Yang Junyou 90065
Chen Yongbin *see* Yongbin Chen
Chen Yongguang, Sun Zhongkang Passive location and tracking algorithm based on TOA and azimuth measurements for 3-D moving targets 58455
Chen Yongguang, Sun Zhongkang The 3-D location and tracking of moving emitter using distance difference and azimuth measurements 84577
Chen Yongqi *see* Wang Peiqing 81851
Chen Youming *see* Zhou Fuzheng 83029
Chen Yu Lung *see* Yu Lung Chen
Chen Yu Qing *see* Yu Qing Chen
Chen Yu-Jiuan *see* Yu-Jiuan Chen
Chen Yuan *see* Hu Minyou 68225
Chen Yuan-Hwang *see* Yuan-Hwang Chen
Chen Yuan-Lin *see* Yuan-Lin Chen
Chen Yufei *see* Hao Zhaoyin 61232
Chen Yufeng *see* Liu Zhongahan 81978
Chen Yung-Kuang *see* Yung-Kuang Chen
Chen Yung-Sheng *see* Yung-Sheng Chen
Chen Yung-Tien *see* Yung-Tien Chen
Chen Yunping Artificial neural network and its application in control and system engineering. IV 67991
Chen Yunping Artificial neural network and its application in control and system engineering. V 68069
Chen Yunquan *see* Yunquan Chen
Chen Yunzhong *see* Yunzhong Chen
Chen Yuquan, Zhang Wuming, Li Guang SAW gas sensor with copper tetrasulphonated phthalocyanine film 98161
Chen Yutao *see* Yutao Chen
Chen Yuzhe *see* Yuzhe Chen
Chen Zen *see* Zen Chen
Chen Zhang *see* Zhang Chen
Chen Zhao *see* Zhao Chen
Chen Zhaoqing *see* Zhaoqing Chen
Chen Zheng *see* Zheng Chen
Chen Zhenmin *see* Zhenmin Chen
Chen Zhenping, Zhuang Zhaowen, Guo Guirong Correlation methods for aircraft identification from fully polarized radar range profiles 86562
Chen Zhenshi, Liu Juan, Peng Jishen, Lu Zhen Modified SCR phase-controlled system by microprocessor 100225
Chen Zhi *see* Zhi Chen
Chen Zhicai, Sun Hancheng, Mao Yajun A photoemissive monoenergetic electron source for calibrating the beta-magnetic spectrometer 67272
Chen Zhikuan *see* Sun Anna 98149
Chen Zhiliang *see* Zhiliang Chen
Chen Zhiming, Pu Hongbing, Yu Mingbing, Lei Tianmin An improved structure of a-SiC:H thin film p-i-n junction LED 94287
Chen Zhiming *see* Zhiming Chen
Chen Zhiye *see* Li Gengyin 53680
Chen Zhiye *see* Li Gengyin 99519
Chen Zhong *see* Ding Zhen-Liang 58968
Chen Zhong *see* Zhong Chen
Chen Zhongbao, Yu Zhenli, Zhang Lihe Automatic speaker verification using the neural network and combined LPC parameters 84178
Chen Zhongming *see* Zhongming Chen
Chen Zhongwen *see* Shen Yaqiang 73791
Chen Zhou *see* Xu Pei-Xia 84179
Chen Zhuan-Ke *see* Zhuan-Ke Chen
Chen Zhuobin *see* Zhuobin Chen
Chen Zuliang *see* Wang Zhongyang 93295
Chen Zulin *see* Wang Zhongyang 93295
Chen-Chang Lien, Chung-Lin Huang The design of 2-D nonseparable directional perfect reconstruction filter banks 57859
Chen-Chia Wang *see* Davidson, F. 63713
Chen-Ching Liu *see* Chu, R.F. 68147
Chen-Ching Liu *see* Hofmann, M. 68318
Chen-Ching Liu *see* Shih-Ming Wang 53904
Chen-Ching Liu *see* Shih-Ming Wang 78036
Chen-Ching Liu *see* Ta-Kang Ma 53640
Chen-Ching Liu *see* Ta-Kang Ma 77948
Chen-Hsiang Wu *see* Chung-Ju Chang 52404
Chen-Huan Chiang, Gupta, S.K. Random pattern testable logic synthesis 92149
Chen-Huei Chang, Shu-Yuen Hwang 2-D curve partitioning by Kohonen feature maps 64788
Chen-Huei Hsieh *see* Hsieh Chen-Huei
Chen-June Huang *see* Shun-Hsyung Chang 73968
Chen-Koung Dong *see* Pappas, T.N. 51716
Chen-Lien Cho *see* Hsu, I. 76448
Chen-Mie Wu, Rong-Tyh Wang, Chin-Tsu Yen Adder-based SIMD-systolic architectures and VLSI chip for computing the Winograd small FFT algorithms 70573
Chen-Pin Kung, Chen-Shang Lin HyHOPE: a fast fault simulator with efficient simulation of hypertrophic faults 92168
Chen-Shang Lin *see* Chen-Pin Kung 92168
Chen-Shang Lin *see* Kuan-Jen Lin 49308
Chen-Shiung Chang *see* Wei-Kuo Chen 70056
Chen-Tang Huang *see* Jin-Shown Shie 91412
Chen-To Tai, Bryant, J.H. New insights into Hertz's theory of electromagnetism 83419
Chen-Yang Pan, Kwang-Ting Cheng, Gupta, S. A comprehensive fault macromodel for opamps 91930
Chen-Yang Yang *see* Guo-Long Wan 88689
Chen-Yi Lee, Shih-Chou Juan, Wen-Wei Yang A parallel bit-level maximum/minimum selector for digital and video signal processing 92298
Chen-Yu Chi, Rebeiz, G.M. Planar millimeter-wave microstrip lumped elements using micromachining techniques 92475
Chen-Yu Chi *see* Trong-Huang Lee 55391
Chen-Yu Chi *see* Trong-Huang Lee 80835
Chen-Yu Chi *see* Trong-Huang Lee 92570
Chen-Yuan Lou *see* Lin-Shan Lee 95300
Chenadec, J.Y.Le *see* Le Chenadec, J.Y.
Chenais, D., Paumier, J.-C. On the locking phenomenon for a class of elliptic problems 61203
Chenavier, F., Reid, I., Brady, M. Recognition of parameterized objects from 3D data: a parallel implementation 95712
Chenevier, M. *see* Lacot, E. 56663
Cheney, M.E. *see* Wang, Y. 54888
Cheng, A.-N. *see* Rossi, D.V. 66481
Cheng, A.H.-D., Lafe, O., Grilli, S. Dual-reciprocity BEM based on global interpolation functions 79741
Cheng, B. *see* Zhu, X. 95469
Cheng, C.-L.E. RISA: accurate and efficient placement routability modeling 91700
Cheng, C.C., Guinn, K.V., Donnelly, V.M., Herman, I.P. In situ pulsed laser-induced thermal desorption studies of the silicon chloride surface layer during silicon etching in high density plasmas of Cl_2 and Cl_2/O_2 mixtures 93162
Cheng, C.K. *see* Fan, J. 50699
Cheng, C.K. *see* Fan, J. 50703
Cheng, C.K. *see* Fan, J. 56588
Cheng, C.K. *see* Fan, J. 80039
Cheng, C.L. *see* Yeh, J.C. 100189
Cheng, C.P. *see* Brown, W.L. 59809
Cheng, C.S. *see* Meliopoulos, A.P.S. 89005
Cheng, D. Field representations in a transversely bianisotropic uniaxial medium by cylindrical vector wave functions 83630
Cheng, D.I., Marek-Sadowska, M. On the verification of function equivalence with unknown input correspondence 91252
Cheng, D.I. *see* Kuehlmann, A. 91792
Cheng, D.K.W., Kwok, K.W., Mo, W.K. High frequency thin-film power inductors and transformers 90096
Cheng, F. *see* Jin, M.Y. 77619
Cheng, F. *see* Yu, F.T.S. 95872
Cheng, F.-H. *see* Hwang, P.-W. 96047
Cheng, F.C. Insulation thickness determination of polymeric power cables 82168
Cheng, F.C., David, A.K. An empirical study of compensation techniques for fast decoupled load flow 59742
Cheng, G. *see* Liu, X. 98761
Cheng, H., Whitaker, J.F., Weller, T.M., Katehi, L.P.B. Terahertz-bandwidth pulse propagation on a coplanar stripline fabricated on a thin membrane 49615
Cheng, H., Whitaker, J.F., Weller, T.M., Katehi, L.P.B. Terahertz-bandwidth characterization of coplanar waveguide via time-domain electro-optic sampling 92462
Cheng, H. *see* DePuydt, J.M. 63839
Cheng, H. *see* Guha, S. 82834
Cheng, H.-J. *see* Whitaker, J.F. 82054
Cheng, H.C., Juang, M.H., Lin, C.T., Huang, L.M. A silicidation-induced process consideration for forming scale-down silicided junction 81573
Cheng, H.C. *see* Juang, M.H. 81426
Cheng, H.C. *see* Lin, C.T. 93117
Cheng, H.C. *see* Thyagarajan, K. 63469
Cheng, H.C. *see* Ueng, S.Y. 55819
Cheng, H.H.Y., Liu, H.F. Analysis of improved soliton trapping by using positively chirped pulses 73039
Cheng, J. Monolithic optical switching technology for a programmable optical logic gate array 72527
Cheng, J., Ianculescu, G. Control-structure interaction analysis for the Space Station solar array pointing system 59519
Cheng, J., Zhou, P., Zolper, J.C., Lear, K.L., Vawter, G.A., Leibenguth, R.E., Adams, A.C. Reconfigurable optical switches with monolithic electrical-to-optical interfaces 82866
Cheng, J. *see* Bo Lu 50582
Cheng, J. *see* Bo Lu 83105
Cheng, J. *see* Calame, J.P. 55512
Cheng, J. *see* Calame, J.P. 76376
Cheng, J. *see* Calame, J.P. 81156
Cheng, J. *see* Latham, P.E. 71043
Cheng, J. *see* Matthews, H.W. 92890
Cheng, J.-F. *see* Chang, C.-N. 57194
Cheng, J.-P. *see* Ikai Lo 93016
Cheng, K.H. *see* Lin, C.-H. 50187
Cheng, K.H. *see* Yau, J.M. 50207
Cheng, K.K.M., Robertson, I.D. Numerically efficient spectral domain approach to the quasi-TEM analysis of supported coplanar waveguide structures 92565
Cheng, K.W. *see* Lee, C.K. 60241
Cheng, K.Y., Stellini, E.M., Pearah, P.J., Chen, A.C., Moy, A.M., Hsieh, K.C. Fabrication and characterization of AlGaInP multiple-quantum-wire lasers 63862
Cheng, K.Y. *see* Baillargeon, J.N. 54848
Cheng, K.Y. *see* Baillargeon, J.N. 54905
Cheng, K.Y. *see* Baillargeon, J.N. 69980
Cheng, K.Y. *see* Chou, S.T. 54833
Cheng, K.Y. *see* Gu, S.Q. 56526
Cheng, L., Sawchuk, A.A. Considerations for optoelectronic shared cache parallel computers 50633
Cheng, L.-T. *see* Marowsky, G. 63966
Cheng, L.K., de Bruijn, D. A high sensitivity flatted mandrel hydrophone 76020
Cheng, L.K., Stelwagen, U. A fiber optic flocculation sensor 52920
Cheng, L.K. *see* Powers, P.E. 94594
Cheng, L.M., Lam, F., Fong, A.S., Chen, R.M.M. Portable controlling software package for parallel fault-tolerant computer system 85687
Cheng, L.M. *see* Lee, A.W.H. 95912
Cheng, L.M. *see* Wong, K.W. 50619
Cheng, L.M. *see* Wong, K.W. 72523
Cheng, L.M. *see* Wu, K.Y. 70243
Cheng, L.S. *see* Chung, Y.C. 72919
Cheng, M. *see* Benetti, P. 67327
Cheng, M. *see* Benetti, P. 67328
Cheng, M. *see* Frize, M. 67427
Cheng, M. *see* Yeo, S.P. 97840
Cheng, M.-C. *see* Chennupati, R. 81233
Cheng, M.-C. *see* Lin Huang 81173
Cheng, M.-G. *see* Tsao, S.-H. 96270
Cheng, M.-T. *see* Zhong, S. 57829
Cheng, P. *see* Akay, M. 76981
Cheng, Q.H. *see* Feng, Y.J. 94033
Cheng, S. *see* Chen, X.S. 60281

Cheng, S. *see* Destler, W.W. 63895
Cheng, S.K. *see* Sharma, U. 61722
Cheng, S.L. Large brushless synchronous motor—excitation control system 89884
Cheng, S.N.C., Heang-Ping Chan, Niklason, L.T., Adler, R.S. Automated segmentation of regions of interest on hand radiographs 88421
Cheng, S.T. *see* Wright, C.D. 75874
Cheng, S.Y. *see* Chou, H.P. 88220
Cheng, S.Z.D. *see* Hubbard, S.F. 73065
Cheng, T., Chung, J.-Y., Georgiou, C.J. Enhancement of token bus protocols for multimedia applications 74703
Cheng, T.C. *see* Farag, A.S. 99481
Cheng, T.C. *see* Farag, A.S. 99482
Cheng, T.D. *see* Chung-Sheng Li 96132
Cheng, T.H. *see* Cheah, K.L. 65163
Cheng, T.H. *see* Neo, L.K. 85347
Cheng, T.H. *see* Seman, K. 64905
Cheng, T.M., Chang, C.Y., Chin, A., Huang, M.F., Huang, J.H. Two-dimensional arsenic precipitation by in delta doping during low temperature molecular beam epitaxy growth of GaAs or AlGaAs 54819
Cheng, T.S. *see* Ferguson, I.T. 72568
Cheng, T.S. *see* Foxon, C.T. 54836
Cheng, T.S. *see* Orton, J.W. 81324
Cheng, U., Simon, M.K., Polydoros, A., Levitt, B.K. Statistical models for evaluating the performance of coherent slow frequency-hopped M-FSK intercept receivers 52331
Cheng, V.H.L. *see* Coppenbarger, R.A. 99080
Cheng, W., Beiley, M.A., Wong, S.S. Membrane multichip module technology on silicon 54517
Cheng, W.C.H., Xiaohua Jia A reliable trading service in open distributed systems 74925
Cheng, W.S., Lee, C.Y. Deposition of niobium silicide thin films from hexachlorodisilane and niobium pentachloride 79931
Cheng, W.W. Ultra wide band analog signal processor products 92304
Cheng, X. Transversal heat transfer in the cable-in-conduit conductor for the Wendelstein 7-X magnet system 72253
Cheng, X. Analysis and modelling of routing algorithms in high-speed networks 85747
Cheng, X., Lehmann, W. Pressure drop and transversal heat transfer in Wendelstein 7-X superconductors 94001
Cheng, X. *see* Akyildiz, I.F. 51748
Cheng, Y. *see* Chang, C.-I. 95907
Cheng, Y. *see* Labadie, J.W. 91021
Cheng, Y.B., Sykulski, J.K. A design shell for force calculations of solenoid actuators 60401
Cheng, Y.B., Sykulski, J.K., Stoll, R.L. Force optimization in DC actuators 54136
Cheng, Y.C. *see* Lai, P.T. 55176
Cheng, Y.C. *see* Liu, Z.H. 62825
Cheng, Y.C. *see* Ma, Z.J. 62775
Cheng, Y.C. *see* Ma, Z.J. 62784
Cheng, Y.C. *see* Zhi-Jian Ma 82074
Cheng, Y.H., Tseng, B.H., Hwang, H.L. X-ray photoelectron spectroscopy studies on surface modification of $CuInSe_2$ 62449
Cheng, Z., Hu, Q., Gao, S., Liu, Z., Ye, C., Wu, M. On the use of combined potential sets to cope with general eddy current problems 51031
Cheng Bin *see* Shen Defang 72066
Cheng Bo-Yuan *see* Bo-Yuan Cheng
Cheng Chau-Jern *see* Chau-Jern Cheng
Cheng Chee-Wai *see* Chee-Wai Cheng
Cheng Chen *see* Kuo Hua Wang 80250
Cheng Cheng-Kung *see* Cheng-Kung Cheng
Cheng Chi-Wai, Yam Yu-On Performance study of class E RF power amplifier by using transmission line modelling technique 91928
Cheng Chiang Phua, Tow Chong Chong, Wai Shing Lau Improved crystalline quality of molecular beam epitaxy grown GaAs-on-Si epilayer through the use of low-temperature GaAs intermediate layer 54867
Cheng Chichyang *see* Chichyang Cheng
Cheng Chien-Ping *see* Chien-Ping Cheng
Cheng Ching Yuan *see* Ching Yuan Cheng
Cheng Ching-Min *see* Ching-Min Cheng
Cheng Chonghu, Zhang Wenxun Analysis of underground two-dimensional EM scattering problems using generalized equivalent sources method in spectral domain 64123
Cheng Chung Li *see* Hong Koo Kim 72418
Cheng Chung-Kuan *see* Chung-Kuan Cheng
Cheng Daizhan Wavelet transform and image processing 64814
Cheng Daizhan Wavelet transform and image processing 84826
Cheng Fan *see* Chaochuan Jiang 50962
Cheng Fang-Chen *see* Fang-Chen Cheng
Cheng Feng *see* Feng Cheng
Cheng Fujie *see* Fujie Cheng
Cheng Guangfei *see* Zhang Running 85272
Cheng Gui-Xin *see* Gui-Xin Cheng
Cheng Guoqing *see* Zeng Xiaojun 98953
Cheng Haiyan, Zhang Qinghuan The Western made EMS and Chinese made installation interfacing 68056
Cheng He Ji *see* He Ji Cheng
Cheng Hongwen *see* Chen Jianmin 78361
Cheng Huang-Chung *see* Huang-Chung Cheng
Cheng Huijun *see* Liu Dekang 59016
Cheng Jen-Chiun *see* Jen-Chiun Cheng
Cheng Juang *see* Gou-Chung Chi 66319
Cheng Jun, Liu Feng, Yi Kechu Time frequency representations for the analysis of speech signals 84180
Cheng Jung-Fu *see* Jung-Fu Cheng
Cheng Keh-Yung *see* Keh-Yung Cheng
Cheng Kwang-Ting *see* Kwang-Ting Cheng
Cheng Li *see* Li Cheng
Cheng Liang-Yao *see* Liang-Yao Cheng
Cheng Liansheng Stability of Hunan power network 53591
Cheng Lichun, Zou Jiyan, Wang Zhangqi Fundamental investigations on arcing phenomena in vacuum interrupter and SF_6 rotating arc chamber 60376
Cheng Lichun *see* Wang Hao 53282
Cheng Lichun *see* Wang Zhangqi 90250
Cheng Lichun *see* Zou Jiyan 60375
Cheng Lichun *see* Zou Jiyan 90259
Cheng Melqiao *see* Melqiao Cheng
Cheng Peen-Pau *see* Peen-Pau Cheng
Cheng Po-Yuen *see* Po-Yuen Cheng
Cheng Ray-Guang *see* Ray-Guang Cheng
Cheng Rei-Shin *see* Rei-Shin Cheng
Cheng Ruan *see* Ruan Cheng
Cheng Shiduan *see* Shiduan Cheng
Cheng Shijie *see* Cao Yijia 53695
Cheng Shijie *see* Cao Yijia 89053
Cheng Shijie *see* Zhao Songli 99541
Cheng Shijie *see* Shijie Cheng
Cheng Shiping, Zhang Fengshan, Yan Yixun Transmissive properties of wedge filter match for detector array 50661
Cheng Shiping, Zhang Fengshan, Yan Yixun Study on the technology of preparing micro-infrared filter array by masking and lifting-off method 72553
Cheng Shixin *see* Shixin Cheng
Cheng Shousun *see* Ma Weixin 89051
Cheng Shyi-Chyi *see* Shyi-Chyi Cheng
Cheng Siu Wing *see* Siu Wing Cheng
Cheng Siyuan *see* Nie Zaiping 99148
Cheng Song *see* Song Cheng
Cheng Tang, Murthy, S., Long, D.D.E. Performance guarantees on ATM networks 74744
Cheng Tee-Hiang *see* Tee-Hiang Cheng
Cheng Tung *see* Popp, R. 85305
Cheng Unjeng *see* Unjeng Cheng
Cheng Wang, Pahl, J.J., Hogue, R.E. A method for co-registering three-dimensional multi-modality brain images 88416
Cheng Wang *see* Benjamin, M.C. 62253
Cheng Wang-Yuel *see* Wang-Yuel Cheng
Cheng Wei *see* Wei Cheng
Cheng Weiqun *see* Weiqun Cheng
Cheng Wen-Hao *see* Wen-Hao Cheng
Cheng Wheling *see* Wheling Cheng
Cheng Wood-Hi *see* Wood-Hi Cheng
Cheng Xiantang Design of automatic test equipment for low voltage power supply networks 100194
Cheng Xiao-liang, Wu Zhong-tang A note on the finite element method for the Reissner-Mindlin plate 61201
Cheng Xiaohua, Xiong Yanqing The application of multi-frequency winding theory to the design of the stator shared-windings for salient-pole synchronous alternator 89890
Cheng Xuemin Recent trends in small hydro power in China 89713
Cheng Yan Ming *see* Yan Ming Cheng
Cheng Yao *see* Yao Cheng
Cheng Yeng-Fu *see* Yeng-Fu Cheng
Cheng Yi-Chang *see* Yi-Chang Cheng
Cheng Yih-Shyang *see* Yih-Shyang Cheng
Cheng Yin Hong *see* Hong Cheng Yin
Cheng Yu Chin *see* Yu Chin Cheng
Cheng Yuan-Tung *see* Yuan-Tung Cheng
Cheng Yuanda *see* Yuanda Cheng
Cheng Yuh-Jen *see* Yuh-Jen Cheng
Cheng Yuhua *see* Wang Yangyuan 82081
Cheng Zhaoji *see* Xu Dehong 100805
Cheng Zhongyuan *see* Wang Hao 53282
Cheng Zuhai Investigation of the flowing velocity regulator in a 10 kW CO_2 laser 50747
Cheng-Chien Kuo *see* Hong-Chan Chang 78087
Cheng-Chung Lee *see* Cheng-Wei Chu 82706
Cheng-Geng Jan, Ruey-Beei Wu, Powen Hsu Variational analysis of inclined slots in the narrow wall of a rectangular waveguide 94899
Cheng-Hao Wang *see* Yuan Liu 93740
Cheng-Hong Chang A fast method for determining electrical and mechanical qualities of induction motors using a PC-aided detector 89931
Cheng-Hong Chen A computer simulation of JTIDS synchronization and location/identification protocols 51837
Cheng-Hua Lee *see* Kwang-Cheng Chen 85335
Cheng-Juei Wu *see* Wen-Ben Jone 70443
Cheng-Kok Koh *see* Cong, J. 93653
Cheng-Kuei Jen *see* Kim, Y. 82220
Cheng-Kuei Jen *see* Kim, Y. 93842
Cheng-Kung Cheng *see* Jiue-Rou Shin 77017
Cheng-I Weng *see* Ming-Jye Tasi 64046
Cheng-Liang Huang *see* Arora, N.D. 62795
Cheng-Liang Huang *see* Rios, R. 50011
Cheng-Ming Weng *see* Jiunn-Jian Li 96798
Cheng-Shang Chang Stability, queue length, and delay of deterministic and stochastic queueing networks 57962
Cheng-Shang Chang, Heidelberger, P., Juneja, S., Shahabuddin, P. Effective bandwidth and fast simulation of ATM intree networks 74666
Cheng-Tsung Liu, Tzeng-Shong Yeh An inherent parallel algorithm for analyzing power system transient characteristics on a multiprocessor system 59704
Cheng-Tung Lin, Pei-Fen Chou, Huang-Chung Cheng Low-temperature formation of palladium silicided shallow p^+n junctions using implant through metal technology 71171
Cheng-Wei Chu, Cheng-Chung Lee, I-Yung Fu, Jin-Cherng Hsu, Yeuh-Yeong Liou Phase-shifting ellipsometer 82706
Cheng-Wen Wu *see* Chih-Yuang Su 49292
Cheng-Wen Wu *see* Shih-Min Kao 95906
Cheng-Wen Wu *see* Yih-Lang Li 49332
Cheng-Yan Kao *see* Wen-Chih Huang 91323
Cheng-Yu Wu *see* Chia-Lu Ho 75467
Cheng-Zhang Li *see* Li Cheng-Zhang
Chengguo Jiang *see* Jiang Chengguo
Chenghang Huang, McKinley, P.K. Design and implementation of global reduction operations across ATM networks 85708
Chengke Wu *see* Wu Chengke
Chengke Zhou *see* Auckland, D.W. 100108
Chengli Ruan *see* Naichang Yuan 64199
Chengli Ruan *see* Zhengwei Du 57133
Chenglin Gu *see* Gu Chenglin
Chenglin Li *see* Li Chenglin
Chenglu Lin, Zuyou Zhou, Hemment, P.L.F., Xiaoqin Li, Genqin Yang, Wenhua Zhu, Shichang Zou Grazing-angle RBS and channelling analysis of BF_2^+ implantation damage in silicon 49873
Chenglu Lin *see* Ping Liu 55645
Chengping Xu *see* Velastin, S.A. 85183
Chengqing Huang *see* Huang Chengqing
Chengsan Zhuang A new approach for partial matching of contours 69809
Chengshan Wang *see* Wang Chengshan
Chengshan Xiao A note on the computation of gramians in 2-D MIMO separable-denominator digital systems 92383
Chengsheng Mao *see* Mao Chengsheng
Chengshu Qiao *see* Qiao Chengshu
Chengxiu Sun *see* Sun Chengxiu
Chengxun Wang *see* Wang Chengxun
Chengyuan Sun Survey of the high-pressure using dual core sensors fiber and the differentiator electric bridge 66403
Chengyun Tian *see* Jianzhong Hu 66516
Chengzhou Ji *see* Ji Chengzhou
Chenhong Huang, Zuoguo Wu, Nevels, R.D. Stationary phase Monte Carlo path integral analysis of electromagnetic wave propagation in graded-index waveguides 82652
Chenhsin Lien, Yimin Huang, Hungming Chien, Wenlong Wang Charge control model of the double delta-doped quantum-well field-effect transistor 81946
Chenhsin Lien *see* Yimin Huang 87193
Chenhua Zhang *see* Zhang Chenhua
Cheniae, M.G. *see* Mili, L. 67992
Chenier, F. *see* Habel, R.A. 86591
Chenier, R.J. *see* Schankula, M.H. 66131
Chenming Hu Interconnect devices for field programmable gate array 61665
Chenming Hu MOSFET scaling in the next decade and beyond 81868
Chenming Hu Low-voltage CMOS device scaling 93453
Chenming Hu *see* Assaderaghi, F. 93467
Chenming Hu *see* Chan, M. 93479
Chenming Hu *see* Hsing-jen Wann 62811
Chenming Hu *see* Hsing-Jen Wann 70496
Chenming Hu *see* Hsing-Jen Wann 92193
Chenming Hu *see* Hsing-Jen Wann 93468
Chenming Hu *see* Hyungcheol Shin 93406
Chenming Hu *see* Jian Chen 62998
Chenming Hu *see* Jiang Tao 49916
Chenming Hu *see* Lee, P.M. 56077
Chenming Hu *see* Li, C.C. 62821
Chenming Hu *see* Mansun Chan 62988
Chenming Hu *see* Minami, E.R. 63004
Chenming Hu *see* Moazzami, R. 62329
Chenming Hu *see* Nariani, S.R. 80498
Chenming Hu *see* Parke, S. 63038
Chenming Hu *see* Quader, K.N. 49351
Chenming Hu *see* Quader, K.N. 56076
Chenming Hu *see* Quader, K.N. 71818
Chenming Hu *see* Quader, K.N. 93619
Chenming Hu *see* Schuegraf, K.F. 55861
Chenming Hu *see* Schuegraf, K.F. 56096
Chenming Hu *see* Schuegraf, K.F. 62777
Chenming Hu *see* Schuegraf, K.F. 71659
Chenming Hu *see* Schuegraf, K.F. 71819
Chenming Hu *see* Schuegraf, K.F. 93380
Chenming Hu *see* Tu, R. 63016
Chenming Hu *see* Zhi-Jian Ma 82074
Chennakeshu, S., Hassan, A., Anderson, J. A comparison of diversity schemes for a mixed-mode slow frequency-hopped cellular system 86186
Chennakeshu, S., Hassan, A.A., Ozarow, L. Average SNR interpretation for diversity reception 97063
Chenng, N.W. *see* Crid Yu 62405
Chennubhotla, C. *see* Jacobs, D.W. 96070

Chennupati, R., Cheng, M.-C. Evolution of multi-valley electron distributions in GaAs 81233
Chenoweth, D.L. *see* Cooper, B.E. 51648
Chensheng Zhao *see* Zhao Chensheng
Chensky, A.G. *see* Belolaptikov, I.A. 59156
Chenwu Wu *see* Zhenya He 95229
Chenyi Hu *see* Qi Gan 79709
Cheo, B.R. *see* Rekiouak, A. 71047
Cheo, P.K. *see* Ball, G.A. 66377
Cheo, P.K. *see* Zhang-Ning Lu 82658
Cheol Chung *see* Tae Hyuk Ahn 71367
Cheol Gi Kim, Woo, B.C., Park, P.G., Ryu, K.S., Kim, C.S. Error compensation in dimensional measurement of solenoid by noncontacting probe using array leads 98302
Cheol Hong Song *see* Song Cheol Hong
Cheol Jeon Il *see* Il Cheol Jeon
Cheol Kim Joon *see* Joon Cheol Kim
Cheol Lim Young *see* Lim Young Cheol
Cheol Shin Jong *see* Jong Cheol Shin
Cheol Su Kim *see* Sung Yong Kim 74391
Cheol Sung Kim *see* Gweon Do Jo 83940
Cheol Yun Hee *see* Hee Cheol Yun
Cheol-Hong Kim *see* Ho-Young Kang 49935
Cheol-Je Joe *see* Young-Joo An 78874
Cheol-Je Joe *see* Young-Joo An 100097
Cheol-soo Kim *see* Yunho Choi 49427
Cheol-Soo Kim *see* Yunho Choi 70553
Cheoleun Kwark, Choong Woong Lee Experimental study of a real-time corona discharge imaging system as a future biomedical imaging device 67497
Cheolhong Kim *see* Hye-Keun Oh 71479
Cheon Chae Il *see* Chae Il Cheon
Cheon Changyul *see* Changyul Cheon
Cheon Soo Kim *see* Chang Joo Youn 81865
Cheon-Seok Park *see* Hyuek-Jae Lee 83620
Cheong, B.K. *see* Eppler, W.R. 72063
Cheong, C. *see* Watanabe, S. 95778
Cheong, C.K., Alizawa, K., Saito, T., Hatori, M. Motion estimation with wavelet transform and the application to motion compensated interpolation 84991
Cheong, J.-M., Seo, J.-W., Jhee, Y.-K. High alignment tolerance coupling scheme for multichannel laser diode/singlemode fibre modules using a tapered waveguide array 82691
Cheong, S.V., Chung, H., Ioinovici, A. Inductorless DC-to-DC converter with high power density 68848
Cheong Cha Keon *see* Cha Keon Cheong
Chepel, V.Y., Lopes, M.I., Ferreira Marques, R., Policarpo, A.J.P.L. Purification of liquid xenon and impurity monitoring for a PET detector 98528
Chepel, V.Yu. Positron emission tomography based on new liquid xenon scintillation detectors 67523
Chepel, V.Yu. *see* Akimov, D.Yu. 67344
Chepilko, A.G. *see* Poplavko, Y.M. 82188
Chepkii, V.V. *see* Krivelev, A.P. 58459
Chepoi, V.D. *see* Brandstadt, A. 61092
Chepurnov, A.S. *see* Shvedunov, V.I. 76343
Cherabuddi, R.V., Bayoumi, M.A. Automated system partitioning for synthesis of multi-chip modules 48666
Cherbonnel, B. *see* Bigorgne, D. 73877
Cherbonnier, J. *see* Calvignac, J. 85704
Cherbonnier, J. *see* Castro, R. 85755
Cherdyntsev, V.A., Ovsyannikov, A.V., Kozel, V.M. Combined filtering of discrete-continuous Markov processes in the presence of correlated interference 64529
Cherebovsky, V.I. *see* Barabanov, I.R. 59170
Cheremisin, S.M. *see* Dudkin, A.Yu. 76779
Cheremukhina, G.A. *see* Chernenko, S.P. 87999
Cherenshchikov, S.A. *see* Ivanov, G.M. 76290
Cherepenin, N.D., Usanov, Yu.Ya., Zaripov, Sh.Kh. Unstable laser resonator with compact output beam 83216
Cherepenin, V.A. *see* Aleksandrov, A.F. 55514
Cherepenin, V.A. *see* Korniyenko, V.N. 94741
Cherepenin, V.A. *see* Pikunov, V.M. 94942
Cherepov, E.I. *see* Bokk, N.E. 81932
Cherepov, E.I. *see* Myasnikov, A.M. 81453
Cheres, E., Palmor, Z.J., Tuch, J. Drum-type boiler following control configuration 60087
Cherian, D., Mittal, R. Analysis of 1-ROR networks 96666
Cherief, N. *see* Tyrrell, G.C. 91585
Cherin, E. *see* Laugier, P. 98779
Cherkaoui, O. *see* Bernardi, A. 52003
Cherkaoui, R., Nogues, M., Dormann, J.L., Prene, P., Tronc, E., Jolivet, J.P., Fiorani, D., Testa, A.M. Static magnetic properties at low and medium field of gamma-Fe_2O_3 particles with controlled dispersion 71928
Cherkasov, M.Yu. *see* Aver'yanov, S.G. 83342
Cherkasov, Yu.A. *see* Mirzoeva, L.A. 72290
Cherkassky, V. *see* Denk, T. 74512
Cherkassky, V. *see* Park, Y.-K. 64971
Cherkassky, V. *see* Rooholamini, R. 51738
Chermant, J.-L. Image analysis and mathematical morphology: an introduction 64811
Chermant, J.-L. *see* Coster, M. 64813
Chermant, J.L. *see* Lhermitte-Sebire, I. 81448
Chern Horng Nan *see* Horng Nan Chern
Chern Ming-Guey *see* Ming-Guey Chern
Chern Sheng Lin *see* Rong-Seng Chang 64008
Chern Shiunn-Jang *see* Shiunn-Jang Chern
Chern-Lin Chen *see* Rong-Jie Tu 68821
Chern-Lin Chen *see* Rong-Jie Tu 100862
Chern-Lin Chen *see* Yu-Kang Lo 90210
Chern-Lin Chen *see* Yu-Kang Lo 100287
Chern-Lin Chen *see* Yu-Kang Lo 100377
Chern-Sheng Lin *see* Rong-Seng Chang 50970
Chern-Sheng Lin *see* Rong-Seng Chang 56980
Chernavskiy, D.S., Kislov, V.V., Taranov, I.V. Resonance tunneling in biological and heterogeneous structures 92985
Chernaya, L.F., Zrazhevskiy, A.Yu. Polarization characteristics of thermal emission of ground covers at millimeter wavelengths 83586
Cherne, R. *see* Cohn, L. 93667
Chernek Moore, L. Accelerated-learning techniques through mindmapping 79161
Chernenko, S.P., Cheremukhina, G.A., Fateev, O.V., Smykov, L.P., Vasiliev, S.E., Zanevsky, Yu.V., Kheiker, D.M., Popov, A.N. X-ray detectors for structure investigations constructed at JINR 87999
Chernenko, V.S. *see* Dubovoi, V.G. 77919
Chernenko, V.S. *see* Dubovoi, V.G. 100390
Cherng Min Ma On topology preservation in 3D thinning 57652
Cherng-Tzong Shih *see* Gwo-Ching Jang 77071
Cherngye Hwang *see* Tsann Lin 82241
Chernick, J., Perlovsky, L.I., Tye, D. Evaluation of the MLANS applications to non-cooperative IFF 74241
Chernikov, S.V., Taylor, J.R., Kashyap, R. Comblike dispersion-profiled fiber for soliton pulse train generation 50948
Chernikov, S.V. *see* Guy, M.J. 82578
Chernikov, S.V. *see* Kashyap, R. 63416
Chernikova, T.Yu. *see* Nefedov, E.I. 51170
Chernin, D., Dionne, N. Energy exchange instability in CFA noise generation 62114
Chernin, D., Drobot, A., Kress, M. A model of secondary emission for use in computer simulation of vacuum electronic devices 92868
Chernin, R.A. *see* Repin, L.A. 99944
Chernobrod, B.M. *see* Zaibel, R. 83122
Chernomordik, L.I. *see* Amosov, A.F. 99952
Chernomzav, I.Z. A mathematical model of a K-200-130 turbine for studying automatic emergency control processes 99803
Chernoplekov, N. *see* Ahlen, S. 98641
Chernous, V.N. *see* Galushkin, M.G. 56630
Chernov, A.L. *see* Gavrilenko, V.I. 55608
Chernov, P.V. *see* Dianov, E.M. 56866
Chernovaya, V.B. *see* Igoshin, V.I. 63653
Cherns, D. *see* Duan, X.F. 81316
Chernyak, L., Cahen, D., Zhao, S., Haneman, D. Local temperature increases during electric-field-induced transistor formation in $CuInSe_2$ 71733
Chernyak, L. *see* Cahen, D. 62217
Chernyak, V.S. Signal detection in multiposition radar systems 86537
Chernyak, V.S. Decentralized detection, the detection of stochastic signals and the suppression of spatially correlated interference in a multiposition radar system 86538
Chernyavskaya, V.A. Noise immunity of discrete weighted addition of separated signals on statistically inhomogeneous channels 57489
Chernyavskaya, V.A. Optimization of the parameters of the service preamble of short-term signals 64527
Chernyavski, N.N. *see* Baranov, V.A. 76849
Chernyavskii, A.V. *see* Gaponenko, V.M. 62059
Chernyavskii, G.M. *see* Vlasov, G.K. 72969
Chernyavskiy, I.A. *see* Pikunov, V.M. 94942
Chernyi, P.P. *see* Guzenko, G.A. 75756
Chernykha, V.A. *see* Galakhov, V.V. 55900
Chernyshev, A.F. *see* Buinov, N.S. 58760
Chernyshev, A.I. *see* Kazantsev, Yu.M. 91891
Chernyshev, V.Yu. *see* Rudnev, P.I. 80405
Chernysheva, I.V. *see* Bolotnikov, A.E. 67415
Chernysheva, I.V. *see* Ulin, S.E. 88134
Chernyshov, V.N. *see* Grinyaev, S.N. 93021
Chernyshov, V.N. *see* Ivanov, S.G. 54103
Cheron, Y. *see* Fadel, M. 90137
Cherradi, H. *see* Kurnia, A. 68718
Cherradi, H.M. *see* Kutkut, N.H. 89941
Cherri, A.K. Optical carry-free addition and borrow-free subtraction based on redundant signed-digit numbers 56483
Cherri, A.K. Polarization-encoded optical shadow-casting: an efficient implementation of carry-free arithmetic 56485
Cherri, A.K. Symmetrically recoded modified signed-digit optical addition and subtraction 72514
Cherrick, S., Pint, C., Sigman, S., Zato, T., Milnes, K., King, M., Kochy, J., Warden, D. An individually addressable TV receiver with interactive channel guide display, VCR, and cable box control 97597
Cherry, A.D. *see* Hawley, M.S. 53462
Cherry, A.S. *see* Jones, R.P. 60587
Cherry, R. *see* Mahalanobis, A. 51677
Cherry, S. *see* Yan, X.-H. 59335
Cherry, S.R. Recent advances in instrumentation for positron emission tomography 88383
Cherry, S.R., Siegel, S., Ricci, A.R., Eriksson, L., Hoffman, E.J., Phelps, M.E. Development of position sensitive detectors for use in positron emission tomography of small laboratory animals 88092
Cherry, S.R. *see* Dahlbom, M. 76921
Cherry, S.R. *see* Tornai, M.P. 88384
Chertok, A. *see* Law, J.D. 89896
Chertouk, M. *see* Mathieu, N. 52789
Chertovskikh, A.G. *see* Aksenov, G.A. 52770
Cherubini, G. Nonlinear self-training adaptive equalization for partial-response systems 51734
Cherukuri, S.C. *see* Prabhu, A.N. 54496
Chervatin, J.M. Radio planning: A continuous process 96277
Chervinsky, J.F. *see* Wilk, G.D. 79775
Ches, B. *see* Rashid, E. 92286
Chesarek, W. *see* Pauls, K.L. 100639
Cheshire, D.G., Harrison, D.K., Wormald, P.W. Computer generated models for improving communication within the design process 54466
Cheshmehdoost, A., Jones, B.E. A new cylindrical structure load cell with integral resonators 87093
Cheshmehdoost, A., Stroumboulis, S., O'Connor, B., Jones, B.E. Dynamic characteristics of a resonating force transducer 58690
Cheskis, D., Chang, C.E., Ku, W.H., Asbeck, P.M., Chang, M.F., Pierson, R.L., Sailer, A. Co-integration of GaAlAs/GaAs HBTs and GaAs FETs with a simple, manufacturable process 63035
Chesler, D.A. *see* Burnham, C.A. 53415
Chesmore, E.D. The teaching of environmental subjects in electronic engineering degree courses 54376
Chesnitskaya, E.A. *see* Samoilovich, Yu.A. 60637
Chesnokov, Yu.A. *see* Zapolsky, V.N. 66975
Chesnov, A.F. *see* Alenitckiy, Yu.G. 94015
Chesnova, S.I. *see* Alenitckiy, Yu.G. 94015
Chesnoy, J., Clesca, B., Heidemann, R., Wedding, B. Ultrahigh bit rate transmission for the years 2000 97334
Chess, B., Larrabee, T. Generating test patterns for bridge faults in CMOS ICs 49306
Chess, B., Roth, C., Larrabee, T. On evaluating competing bridge fault models for CMOS ICs 49406
Chess, C.A. *see* Heath, J.R. 70077
Chester, A.J., Walton, A.J., Tuohy, P. An experimental investigation of EEPROM reliability issues using the progressional offset technique 61687
Chester, D.A., Gregoire, M.-C. Calibration of detector sensitivities in a cylindrical PET camera 53409
Chester, D.B. A generalized rate change filter architecture 80463
Chester, D.B., Phillips, G. Use DSP filter concepts in IF system design 70736
Chester, D.B. *see* Dushaw, B.D. 77555
Chester, D.B. *see* Petrowski, M. 70597
Chester, J.P. *see* Dickerson, K.R. 96441
Chester, M. *see* Alzayed, N.S. 75906
Chester, M. *see* Fan, C.-X. 70196
Chester, N. *see* Harding, D.J. 76675
Chester, N.S. *see* Harding, D.J. 76674
Chesters, S., Hwa-Chi Wang Using atomic force microscopy to evaluate alloys for corrosive-gas systems 70182
Cheswick, W.R. *see* Bellovin, S.M. 85732
Chetelat, O. *see* Dedieu, H. 84303
Chethik, F., Reichner, A., Larson, T. Emulating a space relay based system for satellite command and control using the NASA ACTS satellite and VSATs 75361
Chethik, F., Smith, F.J., Koralek, R.W. System approaches and technologies for satellite data microwave transmission approaching 8 gigabits per second 75362
Chetverikov, D. Generating contrast curves for texture regularity analysis 51727
Chetverikov, D. Detection of texture defects with image pyramids 51731
Chetverikov, D. Analyzing texture anisotropy via gray-level difference features 74286
Chetverikov, D., Kropatsch, W.G. *(editors)* Computer Analysis of Images and Patterns. 5th International Conference, CAIP '93 Proceedings 79146
Chetwynd, D.G. *see* Gardner, J.W. 55024
Cheu Lai Jin *see* Shen Jiong 53918
Cheudin, M. *see* Beaudin, G. 88787
Cheung, A., Chui, C.K., Chan, A.K. Application of fast integral wavelet transform to analysis of building vibration problems 95631
Cheung, C., Nolan, P., Erb, U. Synthesis of nanocrystalline permalloy 71973
Cheung, C., Palumbo, G., Erb, U. Synthesis of nanocrystalline permalloy by electrodeposition 70168
Cheung, C.W., Yam, Y.O. Travelling-wave power combiner/divider implemented by lumped elements 55367
Cheung, D. Fax switch systems 96573
Cheung, D. *see* Martin, M.Z. 93330
Cheung, D. *see* Rashid, E. 92286
Cheung, E.C., Koch, K., Moore, G.T. Silver thiogallate, singly resonant optical parametric oscillator pumped by a continuous-wave mode-locked Nd:YAG laser 56863
Cheung, E.S.H., Constantinides, A.G. Fast nearest neighbour search algorithms for self-organising map and vector quantisation 95961
Cheung, F. *see* Weisenberger, A.G. 81158

Cheung, F. *see* Weisenberger, A.G. 98631
Cheung, H. *see* Cosse, R., Jr. 60231
Cheung, J., Kurz, L. A class of memoryless robust detectors in dependent noise 64448
Cheung, J., Kurz, L. Asymptotically optimum finite-memory detectors in ϕ-mixing dependent processes 84356
Cheung, J.C.S., Beach, M.A., McGeehan, J.P. Network planning for third-generation mobile radio systems 97156
Cheung, J.C.S., Steele, R. Soft-decision feedback equalizer for continuous phase modulated signals in wideband mobile radio channels 58343
Cheung, J.C.S. *see* Hanzo, L. 65648
Cheung, J.K.L., Lo, K.C. Enhancement of an operational Energy Management System (EMS) using the latest client-server and workstation technology while protecting the original investment 59822
Cheung, J.Y.M. *see* Virk, G.S. 90672
Cheung, K.C. *see* Kozhevnikov, I.V. 67409
Cheung, K.P., Chang, C.P. Plasma-charging damage: a physical model 55757
Cheung, K.W. *see* Chao Su 58422
Cheung, L. *see* O'Connor, M. 77128
Cheung, N.C., Lim, K.W., Rahman, M.F. Modelling a linear and limited travel solenoid 94750
Cheung, N.W. *see* En, W. 62384
Cheung, N.W. *see* Gupta, A. 49869
Cheung, N.W. *see* Jiang Tao 49916
Cheung, N.W. *see* Jones, E.C. 62392
Cheung, P.W.M. *see* Chan, R.H.T. 80542
Cheung, P.Y.K. *see* Ahmed, S. 49095
Cheung, P.Y.K. *see* Mok, F. 49512
Cheung, R.W.L., Liu, P.C.K., Demokan, M.S. The advantages of packet switching communication network in power supply industry 59740
Cheung, W. *see* Sandrasegaran, K. 90837
Cheung, W.H. *see* Loong, A.H.S. 74717
Cheung, W.L. *see* Liu, P.C.K. 85258
Cheung, W.L. *see* Liu, P.C.K. 95930
Cheung, W.N., Edwards, P.J. Simulation of noise characteristics in optical devices using PSpice 55044
Cheung, W.P., Lee, C.K., Li, K.C. Multithresholding: a neural approach 64643
Cheung, Y.S. *see* Hui, K.P. 95895
Cheung Chi-Chung *see* Chi-Chung Cheung
Cheung Cho Nai *see* Cho Nai Cheung
Cheung Shun Yan *see* Shun Yan Cheung
Cheung-Fat Chan *see* Kwok-Wah Law 64369
Chevaleyre, J.-C. *see* Ariztizabal, F. 98518
Chevalier, A. *see* Bonenfant, S. 77092
Chevalier, F. *see* Sagnes, I. 97996
Chevalier, F.Le *see* Le Chevalier, F.
Chevalier, P. *see* Souloumiac, A. 84543
Chevalley, J.L. *see* Gingrich, D. 53291
Cheveau, L., Miles, D.R. Countdown to D-day: Eurovision's digital debut 97530
Cheveau, L., Miles, R. Digitization of the Eurovision network 52674
Cheverst, K., Blair, G.S., Davies, N., Friday, A., Cross, A.D., Raven, P.F. Moving the 'desktop' into the field 52107
Cheville, R.A. *see* Reiten, M.T. 73107
Cheville, R.A. *see* Reiten, M.T. 83269
Chevrier, F. *see* Yuan, Y. 50177
Chevrier, J., Cruz, A., Berbezier, I., Derrien, J. Kinetic roughening during epitaxial growth of iron and silicon 79801
Chevrier, J. *see* Berbezier, I. 70061
Chevrier, P., Fievet, C., Petit, P. Comparisons between measurements and simulations for moving wall-confined arcs 90225
Chevroulet, M. *see* Smith, T. 98314
Chevry, M. *see* von Apeldoorn, G. 88116
Chevy, A. *see* Bringuier, E. 73062
Chew, A.D. *see* Pert, G.J. 92860
Chew, N.G. *see* Goodyear, S.W. 72222
Chew, N.G. *see* Keene, M.N. 72242
Chew, T.C. *see* Lim, W.L. 98368
Chew, W. *see* Javadi, H.H.S. 97217
Chew, W.C., Liu, Q.-H. Inversion of induction tool measurements using the distorted Born iterative method and CG-FFHT 77325
Chew, W.C., Lu, C.C., Wang, Y.M. Efficient computation of three-dimensional scattering of vector electromagnetic waves 51061
Chew, Y.T. *see* Lim, W.L. 98368
Chew Kay-Cheung *see* Kay-Cheung Chew
Chew Siou Teck *see* Siou Teck Chew
Chew Weng Cho *see* Weng Cho Chew
Chezeaux, J.C., Doveil, F., Guyomarc'h, D., Layet, J.M., Squizzaro, B., Totin, A. A traveling wave tube for plasma turbulence 71050
Chhabra, A. *see* Balasubramanian, S. 96946
Chhabra, D.S., Bolasna, S.A., Dorius, L.K., Samuelson, L.S. Air bearing design considerations for constant fly height applications 72144
Chhabra, N. *see* Thakur, R.P.S. 62382
Chhaya, S.M., Bose, B.K. Expert system based automated simulation and design optimization of a voltage-fed inverter for induction motor drive 90157
Chhewang Rinzin *see* Mansour, Y. 78033
Chi, C.-M. *see* Buchholz, F.-I. 86938
Chi, C.-Y. *see* Chen, W.-T. 64474
Chi, C.-Y. *see* Chen, W.-T. 84146
Chi, C.-Y. *see* Zirath, H. 80853
Chi, G.C., Su, Y.K., Jou, M.J., Hung, W.C. Window layer for current spreading in AlGaInP light-emitting diode 82840
Chi, G.C. *see* Hsu, J.K. 71096
Chi, M., Mooney, J. Infrared optical absorption of iridium silicide films on silicon 81351
Chi, P.H. *see* Rao, M.V. 71289
Chi, S. *see* Chen, C.-Y. 56732
Chi, S. *see* Wen, S. 50934
Chi, V.L. Salphasic distribution of clock signals for synchronous systems 51161
Chi, X. *see* Xu, H. 50993
Chi, Y.K. *see* Bai, J.Z. 53324
Chi Chen-Yu *see* Chen-Yu Chi
Chi Chong-Yung *see* Chong-Yung Chi
Chi Daesung *see* Daesung Chi
Chi Gou-Chung *see* Gou-Chung Chi
Chi Han Zhong *see* Liu Yan Qiu 85473
Chi Hang-Zhong *see* Li Dong-Kui 61046
Chi Hu *see* Hu Chi
Chi Hua *see* Hua Chi
Chi Hwan Lee, Woo Hyen Kwon The model following robust controller design for the vector-controlled induction motor 89928
Chi Kyun Park *see* Kwang-Sup Lee 54994
Chi Pei-Min *see* Pei-Min Chi
Chi Sheng, Dawei Gong, Xin Wei, Fang Lu, Qinhua Wang, Henghui Sun, Xun Wang Interfacial defects related to the substrate treatment in molecular beam epitaxial silicon 62436
Chi Sheng *see* Sheng Chi
Chi Shih Chang Resistive signal line wiring net designs in multichip modules 91029
Chi Shu *see* Wei Yongtian 89727
Chi Sien *see* Sien Chi
Chi Sun Park *see* Jae Pyung Mah 71860
Chi Sung Laih Cryptanalysis of public-key cryptosystem using the Pascal triangle 64324
Chi Wu A miniature interferometry sensor for monitoring the changes of film thickness and refractive index 52848
Chi Yan, Sun Hexu, Peng Jishen, Lin Yan PSPICE circuit simulation models of electrical drive system 100816
Chi Yan *see* Sun Hexu 89910
Chi Yao Jui *see* Jui Chi Yao
Chi-Cheng Hung *see* Shyh-Jye Jou 49053
Chi-Chung Cheung, King-Tim Ko Topological designs of broadband customer access networks 85905
Chi-Chung Wong An improved network model for eddy current problems 73233
Chi-Farn Chen Segmentation of high resolution satellite imagery using texture and spectral information 67772
Chi-Fu Chou *see* Yong-Cheng Liou 76086
Chi-Fung Chen *see* Hong-Tzer Yang 60023
Chi-Hang Yu *see* Basak, A. 90070
Chi-Hsiang Wang, Wei-Song Lin Optimal design of flux observer in induction machines 68619
Ch'i-Hsin Lin *see* Shin-Yeu Lin 79656
Chi-Huei Lin, Si-Chen Lee, Yang-Fang Chen Morphologies and photoluminescence of porous silicon under different etching and oxidation conditions 71332
Chi-Hung Huang, McCaughan, L., Gill, D.M. Evaluation of absorption and emission cross sections of Er-doped $LiNbO_3$ for application to integrated optic amplifiers 72403
Chi-Hung Li, Yu-On Yam Analysis and design of the Class E amplifier with nonzero ON resistance 49179
Chi-Hyuck Jun *see* Jae-Joon Suh 64979
Chi-Hyuck Jun *see* Moon Soo Choi 49107
Chi-Hyuck Jun *see* Moon Soo Choi 91142
Chi-Jui Chou, Mohanakrishnan, S., Evans, J.B. FPGA implementation of digital filters 70753
Chi-Kin Leung, Fuet-Kit Lam Image segmentation using maximum entropy method 95902
Chi-kit Ma, Chok-ki Chan Image vector quantizer design using entropy coded tree-structured maximum descent algorithm 74534
Chi-Kyun Park *see* He, G.S. 82960
Chi-Lai Huang *see* Quayle, M. 91759
Chi-Luen Wang, Ci-Ling Pan Tunable dual-wavelength operation of a diode array with an external grating-loaded cavity 63803
Chi-Luen Wang, Ci-Ling Pan Dual-wavelength actively mode-locked laser-diode array with an external grating-loaded cavity 94454
Chi-Luen Wang *see* Hsiao-Hua Wu 56796
Chi-Min Yuan *see* Otto, O.W. 71480
Chi-Ming Hsu *see* Hong-Ming Lin 87325
Chi-Mou Zhao *see* Jian-Shiang Chen 100157
Chi-Ping Nee *see* Lin-Shan Lee 95300
Chi-Ren Sheu *see* Fuh, A.Y.-G. 50575
Chi-Ren Sheu *see* Fuh, A.Y.-G. 76119
Chi-Sang Poon *see* Bin He 98906
Chi-Shi Liu *see* Bor-Shenn Jeng 95296
Chi-Tang Sah *see* Yi Lu 93095
Chi-Taou Tsai Package inductance characterization at high frequencies 79319
Chi-Taou Tsai, Osorio, R., Wai-Yeung Yip, Sparkman, A., Sharma, R., Astrain, H. High-frequency inductance measurements and characterization of alloy 42 and copper packages 91038
Chi-Wah Yung *see* Yung, E.K.-N. 83809
Chi-Wai Cheng *see* Cheng Chi-Wai
Chi-Wang Shu *see* Guangshan Jiang 48889
Chi-Yen Huang *see* Fuh, A.Y.-G. 50575
Chi-Yen Huang *see* Fuh, A.Y.-G. 76119
Chi-Yen Shen The effect of additions on admittance-frequency response of ZnO varistors 80879
Chi-Ying Tsui, Pedram, M., Chih-Ang Chen, Despain, A.M. Low power state assignment targeting two- and multi-level logic implementations 92146
Chi-Ying Tsui, Pedram, M., Despain, A.M. Power efficient technology decomposition and mapping under an extended power consumption model 80268
Chi-Ying Tsui, Pedram, M., Despain, A.M. Exact and approximate methods for calculating signal and transition probabilities in FSMs 92095
Chi-Yu Mao, Yu Hen Hu Convergence analyses of simulated evolution algorithms 49061
Chi-Yuan Lo *see* Shun-Lin Su 82008
Chia, L.T., Coventry, P.J., Griffiths, J.W.R., Parish, D.J., Phillips, I.W., Tagg, A.G., Shrimpton, D.H., Cao, X.G. An experimental integrated workstation for teleconferencing 52241
Chia, Q.S. *see* Rego, C.A. 79913
Chia, T., Hench, L.L., Qin, C., Hsieh, C.K. Thermal modeling of laser-densified microlenses 63464
Chia, T.C. *see* Lee, S. 78775
Chia Tsorng-Lin *see* Tsorng-Lin Chia
Chia-Chi Wang, Alexandrou, S., Jacobs-Perkins, D., Hsiang, T.Y. Comparison of the picosecond characteristics of silicon and silicon-on-sapphire metal-semiconductor-metal photodiodes 72584
Chia-Chi Wang, Alexandrou, S., Jacobs-Perkins, D., Hsiang, T.Y. Picosecond characteristics of silicon-on-insulator, metal-semiconductor-metal photodiodes 72601
Chia-Chi Wang, Currie, M., Alexandrou, S., Hsiang, T.Y. Ultrafast, all-silicon light modulator 94178
Chia-Chi Wang *see* Alexandrou, S. 70821
Chia-Chi Wang *see* Alexandrou, S. 72587
Chia-Chun Tsai Planar routing on a pin grid array package 82017
Chia-Erh Chen *see* Qingyuan Wang 94318
Chia-Erh Chen *see* Chen Chia-Erh
Chia-Fu Chen, Sheng-Hsiung Chen, Hsien-Wen Ko, Hsu, S.E. Low temperature growth of diamond films by microwave plasma chemical vapor deposition using CH_4+CO_2 gas mixtures 69932
Chia-Fu Chen, Sheng-Hsiung Chen, Tsao-Ming Hong, Tai-Ching Wang Boron-doped diamond films using trimethylborate as a dopant source in methane-carbon dioxide gas mixtures 71294
Chia-Fu Chen, Tsao-Ming Hong, Tai-Ching Wang Homogeneous and large-area diamond film formed using multi-filament chemical vapor deposition 61408
Chia-Hsiang Chen *see* Ming-Jer Chen 55986
Chia-Hsien Wen *see* Wen-Tsuen Chen 64740
Chia-Hsu Kuo *see* Mu-King Tsay 51617
Chia-Hung Hsiao, Tsair Kao, Jen-Hon Lin, Yeng-Fu Cheng Computer simulation of body surface potential using three-dimensional heart-torso model 77019
Chia-Jen Lin *see* Wen-Shiow Kao 59769
Chia-Jiu Wang Performance modeling of a class of low Earth orbit satellite networks 75372
Chia-Li Wang *see* Asmussen, S. 91192
Chia-Liang Liu, Feher, K. Pilot-symbol aided coherent M-ary PSK in frequency-selective fast Rayleigh fading channels 52372
Chia-Lin Hwang, San-Qi Li On input state space reduction and buffer noneffective region 65017
Chia-Lin Hwang *see* San-Qi Li 96375
Chia-Lu Ho, Cheng-Yu Wu Performance analysis of CDMA optical communication systems with avalanche photodiodes 75467
Chia-Lung Chung *see* Bronzino, J.D. 60784
Chia-shu Liao *see* Engelkemier, B. 86921
Chia-Wei Liao, Medioni, G. Simultaneous segmentation and approximation of complex patterns 74596
Chia-Yiu Maa Identifying the existence of bar codes in compressed images 83948
Chiaberge, M. *see* Reyneri, L.M. 49606
Chiabrera, A. *see* Cincotti, S. 49732
Chiampi, M., Chiarabaglio, D., Repetto, M. An accurate investigation on numerical methods for nonlinear magnetic field problems 64092
Chiampi, M. *see* Bertotti, G. 63252
Chiampi, M. *see* Boglietti, A. 68586
Chiampi, M. *see* Bottauscio, O. 54140
Chiampi, M. *see* Bottauscio, O. 80950
Chian, T.-K. *see* Kagi, H. 97317
Chiang, A.M. Low-power adaptive filter 97633
Chiang, C.S. *see* Kuo, J.B. 49363
Chiang, C.S. *see* Kuo, J.B. 62768
Chiang, D. Reaching NLM through the Internet 58113
Chiang, D., Potter, L.C. Minimax non-redundant channel coding for vector quantization 85065
Chiang, E. *see* Shen, X.A. 82525
Chiang, H.-D. *see* Jean-Jumeau, R. 77815
Chiang, H.F. *see* Gill, G.S. 75542
Chiang, J.-Y. *see* Breipohl, A.M. 89166
Chiang, J.H., Aritomi, M., Mori, M., Higuchi, M. Fundamental study on thermo-hydraulics during start-up in natural circulation boiling water reactors. III. Effects of system pressure on geysering and natural circulation oscillation 99903

Chiang, K.S. Review of numerical and approximate methods for the modal analysis of general optical dielectric waveguides 50510
Chiang, K.S. Determination of equivalent step-index fibres from Petermann spot sizes 94106
Chiang, K.S., Sammut, R.A. Iterative methods and stability of TE modes of nonlinear planar waveguides 63424
Chiang, L.E. 3-D CNC trajectory interpolation using Bresenham's algorithm 90333
Chiang, L.E., Ramos, J. CNC control of a laser cutting machine 79312
Chiang, P.K., Vijayakumar, P.S., Cavicchi, B.T. Large area $GaInP_2/GaAs$ tandem cell development for space power systems 100673
Chiang, S., Forouhi, R., Chen, W., Hawley, F., McCollum, D., Hamdy, E., Hu, C. Antifuse structure comparison for field programmable gate arrays 61666
Chiang, S. *see* Zhang, G. 61624
Chiang, S. *see* Zhang, G. 81391
Chiang, S.J., Liaw, C.M. Single-phase three-wire transformerless inverter 68874
Chiang, S.J. *see* Liaw, C.M. 60345
Chiang, S.J. *see* Liaw, C.M. 68851
Chiang, S.J. *see* Liaw, C.M. 89773
Chiang, S.J. *see* Liaw, C.M. 100041
Chiang, T.-C. *see* Lin, D.-S. 61311
Chiang, T.H. *see* Tong, K.F. 94998
Chiang, W.P. *see* Chin-Wang Chao 51993
Chiang Chen-Huan *see* Chen-Huan Chiang
Chiang Fu-Pen *see* Fu-Pen Chiang
Chiang Hsiao-Dong *see* Hsiao-Dong Chiang
Chiang Jung-Chi *see* Jung-Chi Chiang
Chiang Jung-Hsien *see* Jung-Hsien Chiang
Chiang Phua Cheng *see* Cheng Chiang Phua
Chiang Shinwu *see* Shinwu Chiang
Chiang Shu-Min *see* Shu-Min Chiang
Chiang Song-Tsan *see* Song-Tsan Chiang
Chiang Tihao *see* Tihao Chiang
Chiang Ting-Kuang *see* Ting-Kuang Chiang
Chiang Wen-Tseng *see* Wen-Tseng Chiang
Chiang Yet-Ming *see* Yet-Ming Chiang
Chiang Yueh-Yiing *see* Yueh-Yiing Chiang
Chiang-Sheng Yao *see* Abramo, A. 81195
Chiang-Sheng Yao *see* Jae-Gyung Ahn 81908
Chiang-Tsang Huang *see* Wen-Shiow Kao 59769
Chiang-Tsung Huang, Yung-Tien Chen, Chung-Liang Chang, Chiung-Yi Huang, Hsiao-Dong Chiang, Jin-Cheng Wang On-line measurement-based model parameter estimation for synchronous generators: model development and identification schemes 78582
Chiang-Tsung Huang *see* Jin-Cheng Wang 78583
Chiang-Tsung Huang *see* Tzong-Yih Guo 60128
Chiani, M. *see* Andrisano, O. 51525
Chiao, R.Y., Thomas, L.J. Analytic evaluation of sampled aperture ultrasonic imaging techniques for NDE 77755
Chiao Jung-Chih *see* Jung-Chih Chiao
Chiao-Fe Shu, Jain, R.C. Vector field analysis for oriented patterns 84742
Chiappetta, M. *see* Peters, D. 65830
Chiarabaglio, D. *see* Bertotti, G. 63252
Chiarabaglio, D. *see* Boglietti, A. 68586
Chiarabaglio, D. *see* Bottauscio, O. 54140
Chiarabaglio, D. *see* Bottauscio, O. 80950
Chiarabaglio, D. *see* Chiampi, M. 64092
Chiaraluce, F., Gambi, E., Pierleoni, P. Statistical analysis of a cascade of fiber pieces with different chromatic dispersion characteristics in soliton transmissions 82571
Chiaraluce, F. *see* Borella, A. 51741
Chiaraluce, F. *see* Borella, A. 52096
Chiaraluce, F. *see* Borella, A. 86378
Chiaraluce, F. *see* Borella, A. 96130
Chiaraluce, F. *see* Cancellieri, G. 86341
Chiarawongse, J., Srinivasan, M.M., Teorey, T.J. The M/G/1 queueing system with vacations and timer-controlled service 57964
Chiarella, M. *see* MacLeod, E.N. 73185
Chiaroni, D. *see* Gabriagues, J.M. 97301
Chiarulli, D. *see* Chunming Qiao 52487
Chiarulli, D. *see* Chunming Qiao 75447
Chiarulli, D.M., Levitan, S.P., Melhem, R.P., Teza, J.P., Gravenstreter, G. Multiprocessor interconnection networks using partitioned optical passive star (POPS) topologies and distributed control 52549
Chiarulli, D.M. *see* Chunming Qiao 97350
Chiasson, G.M. *see* Rasky, P.D. 65601
Chiasson, J. Nonlinear differential-geometric techniques for control of a series DC motor 60239
Chiasson, J. *see* Blauch, A.J. 60267
Chiasson, J. *see* Bodson, M. 78630
Chiasson, J. *see* Bodson, M. 89960
Chiasson, J. *see* Stephan, J. 60205
Chiasson, J. *see* Stephan, J. 69112
Chiavassa, E. *see* Baglin, C. 59083
Chiavassa, E. *see* Martin, A. 67356
Chiaveri, E. *see* Benvenuti, C. 98478
Chiaveri, E. *see* Cavallari, G. 67070
Chiaveri, E. *see* Facco, A. 67085
Chiaverini, V. *see* Frontera, F. 76828
Chiayu Fu, Brown, R.C., Ume, C. Temperature-dependent material characterizations for thin epoxy FR-4/ E-Glass woven laminate 91678
Chiba, A., Deido, T., Fukao, T., Rahman, M.A. An analysis of bearingless AC motors 60216
Chiba, A., Hanazawa, M., Fukao, T., Rahman, M.A. Effects of magnetic saturation on radial force of bearingless synchronous reluctance machines 68561
Chiba, A. *see* Matsui, M. 97632
Chiba, A. *see* Ohki, T. 68428
Chiba, I., Chujo, W., Fujise, M. Beam space CMA adaptive array antennas 51262
Chiba, I. *see* Murakami, Y. 94974
Chiba, J. *see* Matsui, K. 90883
Chiba, J. *see* Sakina, K. 51166
Chiba, K. *see* Schultz, M.D. 50603
Chiba, M. *see* Tsukamoto, H. 61755
Chiba, N., Kono, M., Sato, Y., Muraoka, K., Saito, N. Image generation method for swaying branches by wind 64603
Chiba, N. *see* Muraoka, K. 64602
Chiba, R. *see* Miyagi, M. 56300
Chiba, S. *see* Seki, K. 52799
Chiba, T., Kido, M., Kawakami, J., Kudo, H., Kawai, T. New digital control and protection equipment using multiprocessor architecture of distributed functions for power system 68043
Chiba, T. *see* Akazawa, N. 86147
Chiba, T. *see* Kamigaito, O. 59029
Chiba, T. *see* Matsuda, T. 89378
Chiba, T. *see* Morooka, T. 64217
Chiba, T. *see* Takahashi, T. 89083
Chiba, Y. *see* Horio, H. 53485
Chiba, Y. *see* Nakashima, Y. 61356
Chiba, Y. *see* Okuyama, K. 76102
Chiba, Y. *see* Sheldon, I. 97696
Chibane, F. *see* Maneval, J.-P. 63283
Chicault, R., Cyrille, M.C., Berthier, Y., Villegier, J.C., Pourtier, F., Moriceau, H., Nicoletti, S. Processing of DC SQUIDs for radiofrequency amplification 63324
Chicharo, J.F., Haihong Wang Power system harmonic signal retrieval for active power filter applications 59678
Chicharo, J.F. *see* Dejsakulrit, D. 61503
Chicharo, J.F. *see* Jiangtao Xi 73535
Chicharo, J.F. *see* Jiangtao Xi 84497
Chicharo, J.F. *see* Kilani, M.T. 92406
Chichibu, S., Harada, Y., Uchida, M., Wakiyama, T., Matsumoto, S., Shirakata, S., Isomura, S., Higuchi, H. Heteroepitaxy and characterization of $CuGaSe_2$ layers grown by low-pressure metalorganic chemical-vapor deposition 79822
Chichibu, S., Shirakata, S., Ogawa, A., Sudo, R., Uchida, M., Harada, Y., Wakiyama, T., Shishikura, M., Matsumoto, S., Isomura, S. Growth of $Cu(Al_xGa_{1-x})SSe$ pentenary alloy crystals by iodine chemical vapor transport method 61307
Chichibu, S., Shirakata, S., Sudo, R., Uchida, M., Harada, Y., Matsumoto, S., Higuchi, H., Isomura, S. Low-pressure metalorganic chemical vapor deposition of $CuAlSe_2$ epitaxial films 62213
Chichibu, S., Sudo, R., Yoshida, N., Harada, Y., Uchida, M., Matsumoto, S., Higuchi, H. Low-pressure metalorganic chemical vapor deposition of a $CuGaSe_2/CuAlSe_2$ heterostructure 48999
Chichibu, S. *see* Ogawa, A. 61228
Chichikalyuk, Yu.A. *see* Biryulin, Yu.F. 87197
Chichyang Cheng, Zheng, Y.F. Thin plate spline surface approximation using Coons' patches 61151
Chickermane, V., Lee, J., Patel, J.H. Addressing design for testability at the architectural level 61672
Chickermane, V. *see* Rudnick, E.M. 80224
Chicon, R. *see* Martin, E. 79185
Chida, A. *see* Nomoto, K. 100585
Chida, K. *see* Tomizawa, M. 66850
Chida, R. *see* Takasugi, H. 97259
Chidambaram, R., Kakodkar, A., Rodriguez, P. Nuclear technology: power to the people 60056
Chidley, C.K., Morris, M.D., Rogers, J.W. The advantages of small combined cycle power plants 89694
Chidsey, C.E.D. *see* Law, H.H. 70971
Chiebus, B.S., Diks, K., Pelc, A. Waking up an anonymous faulty network from a single source 51761
Chieh, Y.S., Krusius, J.P., Chapman, P. Chemically assisted ion beam etching for silicon-based microfabrication 62479
Chieh-Chih Li *see* Sau-Gee Chen 80264
Chien, C., Yang, P., Cohen, E., Jain, R., Samueli, H. A 12.7 Mchip/s all-digital BPSK direct sequence spread-spectrum IF transceiver in 1.2 μm CMOS 97007
Chien, C.-C. *see* Liao, D.-Y. 48652
Chien, C.C. *see* Lee, T. 100300
Chien, C.H. *see* Grimm, K.A. 53504
Chien, C.W. *see* Thyagarajan, K. 63469
Chien, F.R., Nutt, S.R., Carulli, J.M., Jr., Buchan, N., Beetz, C.P., Jr., Yoo, W.S. Heteroepitaxial growth of β-SiC films on TiC substrates: interface structures and defects 79803
Chien, F.S.-S., Tsao, S.H. A versatile switching module 97773
Chien, L.-C. *see* Yang, D.-K. 82733
Chien, L.-F. *see* Lee, L.-s. 84079
Chien, M. *see* Froberg, N.M. 97318
Chien, M. *see* Koren, U. 94197
Chien, M. *see* Raybon, G. 75508
Chien, M.-D. *see* Zirngibl, M. 52598
Chien, M.D. *see* Kim, I. 56764
Chien, M.D. *see* Kim, I. 63466
Chien, M.V., Oruc, A.Y. High performance concentrators and superconcentrators using multiplexing schemes 96914
Chien, T.W. *see* Chinho Lin 69607
Chien, V. *see* Weerrahandi, S. 85389
Chien, W. *see* Dalgic, I. 65392
Chien, W.Y. *see* Lee, D.J. 70524
Chien, Y.K., Graham, F.D. The testing of molded case circuit breakers with conductors 68902
Chien Chun-Sheng *see* Chun-Sheng Chien
Chien Haul-Te *see* Haul-Te Chien
Chien Hungming *see* Hungming Chien
Chien Kuo Yang, Tan Fu Lei, Chung Len Lee The combined effects of low pressure NH_3-annealing and H_2 plasma hydrogenation on polysilicon thin-film transistors 93378
Chien Lee-Feng *see* Lee-Feng Chien
Chien Sung Il *see* Sung Il Chien
Chien Yong Low *see* HongJiang Zhang 64658
Chien Yun-Ko *see* Yun-Ko Chien
Chien-Chang Huang, Tah-Hsiung Chu Analysis of MESFET injection-locked oscillators in fundamental mode of operation 92518
Chien-Cheng Tseng *see* Soo-Chang Pei 49551
Chien-Cheng Tseng *see* Soo-Chang Pei 92385
Chien-Cheng Tung, Livingston, J.N. Analysis and design of rotationally invariant trellis codes 73685
Chien-Ching Chin, Rong-Hwa Yang Electromagnetic inverse scattering of inhomogeneous uniaxial two-dimensional objects 83643
Chien-Chuen Yang *see* Yuan-Yih Hsu 78079
Chien-Chun Lu, Thompson, R.A. The double-layer network architecture for photonic switching 86020
Chien-Chun Yang, Yuafi-Yih Hsu Estimation of line flows and bus voltages using decision trees 89013
Chien-Chung Chen, Mains, R.K., Haddad, G.I., Eisele, H. Structure and simulation of GaAs TUNNETT and MITATT devices for frequencies above 100 GHz 61933
Chien-Chung Chen, Robinson, D.L., Hemmati, H. 100-megabit-per-second resonant-cavity phase modulator for coherent optical communications 63491
Chien-Chung Tsai, Marek-Sadowska, M. Boolean matching using generalized Reed-Muller forms 91984
Chien-Fu Shih *see* Guo-chun Liang 53038
Chien-Hsing Wu *see* Ching-Min Cheng 84919
Chien-Hsiu Huang *see* Shih-Chang Hsia 86726
Chien-Hsun Ho, Lu Fan, Kai Chang New uniplanar coplanar waveguide couplers 80609
Chien-Hsun Ho, Lu Fan, Kai Chang Transmission line modeling of CPW-slotline transitions and CPW butterfly filters 92600
Chien-Hwa Chiou *see* Zsehong Tsai 58084
Chien-Ih Pai *see* Lin, X.J. 98479
Chien-In Henry Chen, Kumar, A. Comments on "Area-time optimal adder design" 49293
Chien-Min Huang *see* Sitaram, V.S. 95992
Chien-Ming Wu *see* Wei-Tou Ni 86822
Chien-Piao Lan, Chein-Wei Jen Efficient time domain synthesis of pipelined recursive filters 92384
Chien-Ping Cheng *see* Tian-Hua Liu 78600
Chien-Ping Lee *see* Der-Cherng Liu 91446
Chien-Ping Lee *see* Shih-Hsien Lo 81949
Chien-Ping Lee *see* Shwu-Jing Chang 56007
Chien-Shing Pai *see* Obeng, Y.S. 81393
Chien-Ting Wu, Campbell, G. Extended DQRAP (XDQRAP). A cable TV protocol functioning as a distributed switch 85333
Chien-To Tai *see* Ji-Chyun Liu 51159
Chien-Yuan Chen *see* Gotoh, M. 66505
Chieng, J. *see* Largent, R.L. 99989
Chieng, Y.T., Cowle, G.J. Relaxation oscillation suppression in tunable fibre lasers 82969
Chiesa, V., Sone, M., Barbeschi, M. Managing innovation projects in the transnational firm 69448
Chieu, T.C., Shih, K.K., Dove, D.B. Fabrication of phase shifting masks employing multi-layer films 71471
Chieu Bin-Chang *see* Bin-Chang Chieu
Chiew, S.P., McBride, G., Armstrong, B.M., Grimshaw, J., Gamble, H.S., Trocha-Grimshaw, J. Growth of β-SiC layers by rapid thermal chemical vapour deposition 91582
Chiew-Yann Chiou *see* Jin-Cheng Wang 78583
Chiew-Yann Chiou *see* Wen-Shiow Kao 59769
Chifflet, J., Mahey, P., Reynier, V. Proximal decomposition for multicommodity flow problems with convex costs 96145
Chigarev, S.G. *see* Myasin, Ye.A. 49742
Chigarev, S.G. *see* Myasin, Ye.A. 92894
Chigier, B. *see* Leung, H.C. 84121
Chigira, H. *see* Takahashi, Y. 86792
Chigusa, Y. *see* Fukuda, C. 75512
Chih Ping Liang *see* Piquemal, F. 86931
Chih Wu *see* Blank, D.A. 78514
Chih-Ang Chen *see* Chi-Ying Tsui 92146
Chih-chang Lin, Marek-Sadowska, M., Gatlin, D. Universal logic gate for FPGA design 91817
Chih-Chen Cho, Hung-Yu Liu, Keenan, J.A., Kyung Ho Park Epitaxial growth of $CaF_2/Si/CaF_2$ on Si(111) 54870

Chih-Cheng Hung *see* Matcha, S. 95674
Chih-Chiang Chang *see* Po-Rong Chang 75350
Chih-Chiang Tai *see* Po-Rong Chang 86707
Chih-Chun Feng *see* Chong-Yung Chi 95404
Chih-Fu Yang *see* Hong-Ming Lin 87325
Chih-Ho Yu, Caimi, F.M. Determination of horizontal motion through optical flow computations 95763
Chih-Hsiang Lin, Goossen, K.W., Sadra, K., Meese, J.M. Normally-on GaAs/AlAs multiple-quantum-well Fabry-Perot reflection modulators for large two-dimensional arrays 82704
Chih-Hsiang Lin, Meese, J.M., Wroge, M.L., Chun-Jen Weng Effect of GaAs/AlGaAs quantum-well structure on refractive index 56432
Chih-Hsiang Lin, Meese, J.M., Yia-Chung Chang A low-voltage, high-reflectance-change normally off refractive $GaAs/Al_{0.2}Ga_{0.8}As$ MQW reflection modulator 72432
Chih-Hung Wu *see* Shie-Jue Lee 58151
Chih-Jen Lin *see* Agrawel, V.D. 62937
Chih-Kong Ken Yang *see* Sidiropoulos, S. 70431
Chih-Lien Chang *see* Luongo, C.A. 72265
Chih-Lin I, Pi-Hui Chao Local packing—distributed dynamic channel allocation at cellular base station 75252
Chih-Lin I *see* Ayanoglu, E. 51326
Chih-Lin I *see* Cimini, L.J. 86126
Chih-Lin I *see* Haas, Z. 86198
Chih-Lin I *see* Karol, M.J. 74732
Chih-Ming Liu *see* Chii-Lian Lin 74849
Chih-Ming Liu *see* Wang, M.-J.J. 95732
Chih-Peng Fan *see* Shih-Chieh Kim 86766
Chih-Ping Chao *see* Guang-Jye Shiau 79776
Chih-Ping Liang, Piquemal, F., Geneves, G. Study of cryogenic current comparators with different SQUIDs 87427
Chih-Sheng Chang, Hung-Chun Chang Theory of the circular harmonics expansion method for multiple-optical-fiber system 50488
Chih-Tung Chen, Parker, A.C. A hybrid numeric/symbolic program for checking functional and timing compatibility of synthesized designs 55222
Chih-Tung Chen *see* Gupta, P. 92274
Chih-Wen Liu, Thorp, J.S., Jin Lu, Thomas, R.J., Hsiao-Dong Chiang Detection of transiently chaotic swings in power systems using real-time phasor measurements 88942
Chih-Yao Huang, Ming-Jer Chen Design model and guidelines for n-well guard ring in epitaxial CMOS 93589
Chih-Yua Lu *see* Jyh-Chyurn Guo 71660
Chih-Yuan Lu *see* Tan-Tsu Sheng 49902
Chih-Yuan Sung *see* Shiunn-Jang Chern 94858
Chih-Yuang Su, Cheng-Wen Wu Testing iterative logic arrays for sequential faults with a constant number of patterns 49292
Chihao Xu *see* Budihardjo, I. 61546
Chihchiang Hua High switching frequency DSP controlled PWM inverter 91882
Chihchiang Hua *see* Bor-Ren Lin 100318
Chihchiang Hua *see* Bor-Ren Lin 100343
Chii-Jen Chung, Sin-Horng Chen Variable frame rate speech coding using optimal interpolation 64385
Chii-Lian Lin, Wen-Ruey Wu, Chih-Ming Liu A practical process to integrate time and logic dimensions for system performance evaluation 74849
Chii-Maw Uang, Shizhuo Yin, Andres, P., Reeser, W., Yu, F.T.S. Shift-invariant interpattern association neural network 50445
Chii-Maw Uang, Yu, F.T.S., Kyung-Tae Kim, Xiangyang Yang Implementation of a polychromatic Hamming net for color image classification 84731
Chik, K.D. *see* Lu, H. 94496
Chikama, T. *see* Desthieux, B.M. 83018
Chikama, T. *see* Naito, T. 97347
Chikama, T. *see* Suyama, M. 63700
Chikama, T. *see* Watanabe, S. 75393
Chikaraishi, H. *see* Mito, T. 89302
Chikaraishi, H. *see* Yamada, S. 72257
Chikaraishi, T. *see* Hardjono, T. 74852
Chikawa, J., Sato, F. Crystal growth of silicon from X-ray excited states of the solid 69962
Chikhani, A. *see* Ferland, G. 99111
Chikhani, A.Y. *see* Abdel-Salam, T.S. 68200
Chikhani, A.Y. *see* Fouda, S.S. 99493
Chikhani, A.Y. *see* Hanna, M.A. 99699
Chikhani, A.Y. *see* Sarfi, R.J. 68204
Chikhani, A.Y. *see* Sarfi, R.J. 99761
Chikichev, S.I. *see* Varavin, V.S. 54909
Chikima, A. *see* Bellaouar, A. 61648
Chikouche, D., Saigaa, D., Ferhat-Hamida, A. Algorithm for the design of linear phase digital FIR filters using windows 70744
Chikov, A. *see* Heremans, G. 82444
Chikovani, V.V. Precision device for three-axes orientation measurement employing optical gyros 59460
Chikuma, K., Okamoto, S., Tohma, T., Umegaki, S. Collimating properties of an axicon for the Cerenkov-radiation-type second-harmonic light from a crystal-cored fiber 56884
Chikuma, T. *see* Watanabe, N. 86526
Chikyow, T., Bedair, S.M., Tye, L., El-Masry, N.A. Reaction and regrowth control of CeO_2 on Si(111) surface for the silicon-on-insulator structure 70157
Chil Choi Hyun *see* Hyun Chil Choi
Chil Lim In *see* In Chil Lim
Chilaya, G. *see* Chanishvili, A. 63494
Childers, C.B. *see* De-Xiang Huang 87108
Childers, D.G., Chun-Fan Wong Measuring and modeling vocal source-tract interaction 73779
Childers, D.G., Hu, H.T. Speech synthesis by glottal excited linear prediction 95264
Childress, J.R. *see* Schuhl, A. 75946
Chiles, M.M., Mihalczo, J.T., Fowler, C.E. Small, annular, double-contained ^{252}Cf fission chamber for source-driven subcriticality measurements 87971
Chili, L. *see* Litido, M.I. 88604
Chilingarov, A. *see* Bates, S.J. 53308
Chilingarov, A. *see* Borer, K. 53347
Chill Woo Byung *see* Byung Chill Woo
Chilla, E. *see* Enderlein, J. 66199
Chilla, J.L.A. *see* Rocca, J.J. 94330
Chilo, J. *see* Ladret, D. 61867
Chilo, J. *see* Ndagijimana, F. 91031
Chilo, J. *see* Vu Dinh, T. 80028
Chilukuri, M. *see* Miguel Silveira, L. 94887
Chim, W.K. *see* Pey, K.L. 63595
Chimenti, D.E. *see* Fortunko, C.M. 99365
Chimento, P. *see* Kulkarni, V. 64957
Chimiak, W.J. Radiology communications for imaging systems 57990
Chimiak, W.J., Martinez, R. Multimedia collaborative remote consultation tools via gigabit wide area networks in teleradiology 76980
Chimienti, A. *see* Cafforio, C. 64833
Chimoon Han *see* Sungchang Lee 85261
Chimoon Huang *see* Jih Wen Chou 81855
Chimoon Huang *see* Tahui Wang 81886
Chin, A. *see* Cheng, T.M. 54819
Chin, A. *see* Zhao, J.H. 55941
Chin, C.T. *see* Yamakoshi, H. 67413
Chin, E. *see* Houlihan, F.M. 81624
Chin, F.P.S. *see* Ng, C.S. 95085
Chin, G. *see* Ling, C.C. 58681
Chin, G.M. *see* Lee, K.F. 62856
Chin, G.M. *see* Lee, K.F. 93613
Chin, G.M. *see* Liu, T.M. 61659
Chin, G.M. *see* Liu, T.M. 82092
Chin, J. *see* Hoyer, E. 63259
Chin, J. *see* Hoyer, E. 67239
Chin, J. *see* Mossessian, D.A. 88284
Chin, K. *see* Chuang, C.T. 70361
Chin, K.S. *see* Tong, S.L. 58795
Chin, L. *see* Gooi, H.B. 77977
Chin, M.K. Optical confinement factor in waveguide electroabsorption modulators: design and measurement 82716
Chin, M.K., Chang, W.S.C. Electroabsorption properties of InGaAs/InAlAs multiple quantum well structures at 1.5 μm 50585
Chin, M.R. *see* Zhao, J. 93343
Chin, R.T. *see* Hochong Park 51591
Chin, R.T. *see* Lai, K.F. 74594
Chin, S.-K. *see* Lu, J.-Y. 55070
Chin, S.L. *see* Francois, V. 82957
Chin, T.-S., Deng, M.-C., Hsu, S.-L. $BaFe_{12-x-x'}M_xM'_{x'}O_{19}$ particles grown by a modified flux method (M: Co/Zn, M': Mn/Sn/Sb) 50248
Chin, T.-S., Huang, S.-H., Yau, J.-M. As-melt-spun anisotropy of Nd-Fe-B-M flakes (M=Cr or Mo/W/Mn/Co/Ni) 50189
Chin, T.-S. *see* Chang, W.-D. 50249
Chin, T.M., Mariano, A.J. Wavelet-based compression of covariances in Kalman filtering of geophysical flows 57603
Chin, T.P. *see* Fu, S.-L. 49772
Chin, T.P. *see* Tu, C.W. 55641
Chin, T.S., Lin, C.H., Huang, Y.H., Yau, J.M., Heh, S.J., King, F.D. Enhanced thermal stability of sintered (Nd,Dy)(Fe,Co)B magnets by the addition of Ta or Ti 50188
Chin, T.S. *see* Lin, C.-H. 50187
Chin, T.S. *see* Yau, J.M. 50207
Chin, V.W.L. *see* Egan, R.J. 79852
Chin, V.W.L. *see* Osotchan, T. 93035
Chin, W.K., Lee, T.Y. Epoxy for chip on board 81071
Chin, Y.H. Advances and applications of ABCI 87719
Chin, Y.H. *see* Napoly, O. 87730
Chin Chang, Georgiou, T.T. The Nevanlinna-Schur algorithm with real coefficients 79655
Chin Cheng Yu *see* Yu Chin Cheng
Chin Chien-Ching *see* Chien-Ching Chin
Chin Chou Lim *see* Wen Ma 100592
Chin Daeje *see* Daeje Chin
Chin Liu Chen *see* Chen Chin Liu
Chin Mee Koy *see* Mee Koy Chin
Chin Ming-Ta *see* Ming-Ta Chin
Chin See Leang *see* See Leang Chin
Chin Shiu-Kai *see* Shiu-Kai Chin
Chin Shu-Yuan *see* Shu-Yuan Chin
Chin Siew-Wei *see* Siew-Wei Chin
Chin Soon Chong *see* Chong Chin Soon
Chin Taek Park *see* Tae Hyung Kim 95025
Chin Tsung-Shune *see* Tsung-Shune Chin
Chin Tung-Hai *see* Tung-Hai Chin
Chin Yeung Ngo, Li, V.O.K. Poisson approximation of input traffic sources in asynchronous transfer mode (ATM) networks 64956
Chin Zhang *see* Siminovitch, M.J. 100928
Chin-Chen Chang, Yaw-Wen Chen, Buehrer, D.J. A two-dimensional shape recognition scheme based on principal component analysis 95730
Chin-Chi Hsu, Reed, I.S., Truong, T.K. Inverse Z-transform by Mobius inversion and the error bounds of aliasing in sampling 95394
Chin-Chieh Chao, Miyamoto, K., Sakui, K., Wheling Cheng, Wooley, B.A. An active substrate MCM system 69578
Chin-Chien Sha, Leavene, R.W. An algorithm-base fault tolerance (more than one error) using concurrent error detection for FFT processors 49462
Chin-Chuan Han, Kuo-Chin Fan A greedy and branch and bound searching algorithm for finding the optimal morphological erosion filter on binary images 51549
Chin-Chuan Han, Kuo-Chin Fan Finding of optimal morphological filter on binary images based on greedy and branch & bound searching 95896
Chin-Fatt, A. *see* Salzborn, D. 60660
Chin-Fong Chiu *see* Chung-Yu Wu 63614
Chin-Hsing Chen *see* Chun-Han Chen 98809
Chin-Hsing Chen *see* Jiann-Der Lee 64866
Chin-Hsing Chen *see* Jiann-Shu Lee 74426
Chin-Hsing Chen *see* Lee, J.-D. 74575
Chin-Hsiung Hsu *see* Sheng-Tsaing Tseng 91137
Chin-Hui Lee, Gauvain, J.-L., Pieraccini, R., Rabiner, L.R. Subword-based large-vocabulary speech recognition 57412
Chin-Hui Lee *see* Gauvain, J.-L. 51392
Chin-Hui Lee *see* Qiang Huo 95349
Chin-Hui Lee *see* Sankar, A. 84135
Chin-Liang Wang Bit-level systolic array for fast exponentiation in $GF(2^m)$ 70347
Chin-Liang Wang Bit-serial VLSI implementation of delayed LMS adaptive FIR filters 70763
Chin-Ming Hong *see* Shao-Hung Chang 79486
Chin-Tau Lea *see* Dong-Jye Shyy 57951
Chin-Tsu Yen *see* Chen-Mie Wu 70573
Chin-Tu Chen *see* Tsao, E.C.-K. 74472
Chin-Tu Lu, Bryant, M.D. Thermoelastic evolution of contact area and mound temperatures in carbon graphite electrical brushes 60163
Chin-Tu Lu, Bryant, M.D. Simulation of a carbon graphite brush with distributed metal particles 68515
Chin-Wang Chao, Chiang, W.P., Grass, R.W., Eslambolchi, H., Wolfmeyer, P.A. Enhancing network reliability by applying preventive maintenance techniques 51993
Chin-Wen Yang *see* Wen-Tsuen Chen 64740
Chin-Yao Tsai *see* Chin-Yi Tsai 83166
Chin-Yi Tsai, Eastman, L.F., Yu-Hwa Lo, Chin-Yao Tsai Carrier capture and escape in multisubband quantum well lasers 83166
Chin-Yuan Chang, Ting-Wei Hou, Ce-Kuan Shieh The performance improvement of wormhole router for multicomputer systems 74995
Chin-Yung Yeh, Ranu, E., Zonghi, R. A novel microwave method for surface crack detection using higher order waveguide modes 70193
Chin-Yung Yeh, Reza Zoughi A novel microwave method for detection of long surface cracks in metals 98283
Chinatti, S. *see* Wolf, M. 85999
Ching, C.H. *see* Menge, P.R. 87700
Ching, G.D., Murtha, R.B. Comparing cost of ownership for 200- and 150-mm immersion wet-cleaning equipment 62372
Ching, P.C., Lee, T., Zee, E. From phonology and acoustic properties to automatic recognition of Cantonese 95294
Ching, P.C., So, H.C. Two adaptive algorithms for multipath time delay estimation 84570
Ching, P.C. *see* Chiu, K.M. 95332
Ching, P.C. *see* So, H.C. 74055
Ching, P.C. *see* So, H.C. 74085
Ching, S., Kirby, J.R., Pitts, O.D. Plastic recycling in business machines 54441
Ching, T.-S., Deng, M.-C., Lin, C.-H. Process-optimization for preparing high coercivity modified magnetite particles 50246
Ching, W.S., Toh, P.S. Robustness of signal correlation 84164
Ching, W.S., Wong, W.C., Bay, H.S. A very low bit-rate matrix quantized speech coder with Gray coding 96876
Ching Lung Chang An error estimate of the least squares finite element method for the Stokes problem in three dimensions 69893
Ching Piao Hu *see* Rong-Seng Chang 64008
Ching Wee-Soon *see* Wee-Soon Ching
Ching Wu Wen *see* Wen Ching Wu
Ching Yuan Cheng *see* Shui Jinn Wang 62650
Ching-Cherng Sun, Ming-Wen Chang, Ken Yuh Hsu Matrix-matrix multiplication by using anisotropic self-diffraction in $BaTiO_3$ 72516
Ching-Chir Shyur, Ying-Ming Wu, Chun-Hsien Chen A capacity comparison for SONET self-healing ring networks 86434
Ching-Chuan Su, Jenn-Ming Guan Finite-difference analysis of dielectric-loaded cavities using the simultaneous iteration of the power method with the Chebyshev acceleration technique 92468
Ching-Chung Li *see* Mingui Sun 74456
Ching-Chung Li *see* Szu, H. 57851

Ching-Fa Yeh, Chun-Lin Chen Room-temperature selective growth of dielectric films by liquid-phase deposition 61331
Ching-Fa Yeh, Chun-Lin Chen, Yu-Chi Yang, Shyue-Shyh Lin, Tzung-Zu Yang, Tzy-Yan Hong Low-temperature-processed poly-Si thin-film transistors using solid-phase-crystallized and liquid-phase-deposited gate oxide 55960
Ching-Hsiang Tseng, Powers, E.J. Nonlinear channel equalization in digital satellite systems 86277
Ching-Hua Chuang *see* Jung-Fu Cheng 95100
Ching-Hua Su *see* Gillies, D.C. 61221
Ching-Huei Lee *see* Li Wang 89119
Ching-Huei Lee *see* Li Wang 89121
Ching-Huei Lee *see* Li Wang 89122
Ching-Huei Lee *see* Li Wang 89123
Ching-Huei Lee *see* Li Wang 89124
Ching-Huei Lee *see* Li Wang 89126
Ching-Huei Lee *see* Li Wang 89127
Ching-Huei Lee *see* Li Wang 99520
Ching-Hwa Chen *see* Yunju Ra 93211
Ching-Jong Liao A new node selection strategy in the branch-and-bound procedure 91310
Ching-Ju Huang *see* Kuei-Shu 71592
Ching-Ju Wen, Aida, T., Honma, I., Komiyama, H., Yamada, K. Photovoltage generation by a junction of C_{60} with p-Si 78826
Ching-Kae Tzou, Raheli, R., Polydoros, A. Applications of per-survivor processing to mobile digital communications 75307
Ching-Lien Huang, Jeeng-Min Ling, Lin, C.E. Uncertain power flow analysis using fuzzy approach 99455
Ching-Lien Huang *see* Hong-Tzer Yang 60023
Ching-Lien Huang *see* Hong-Tzer Yang 60209
Ching-Lien Huang *see* Hong-Tzer Yang 89993
Ching-Lu Lin EPRI/KBTAC—a state-of-the-center report 68357
Ching-lu Lin *see* Pflasterer, R. 68109
Ching-Lun Liang *see* Ming Ouhyoung 58093
Ching-Lung Chou *see* How-Rern Lin 49326
Ching-Lung Chu *see* Jiann-FuhChen 90159
Ching-Mei Yang, Mahgerefteh, D., Garmire, E., Li Chen, Kezhong Hu, Madhukar, A. Sweep-out times of electrons and holes in an InGaAs/GaAs multiple quantum well modulator 72597
Ching-Min Cheng, Chien-Hsing Wu, Soo-Chang Pei, Hungwen Li, Bor-Shenn Jeng High speed video compression testbed 84919
Ching-Ray Chang *see* Jing Ju Lu 63218
Ching-Ru Liu, Yean-Kuen Fang, Kuin-Hui Chen, Jun-Dar Hwang A novel amorphous silicon doping superlattice device with a controllable gate 55606
Ching-Ru Liu *see* Kuin-Hui Chen 93320
Ching-Sen Chen *see* Zensing Deng 99182
Ching-Shan Leu *see* Guichao Hua 60324
Ching-Shiang-Hwang *see* Yao Cheng 64115
Ching-Ten Chang *see* Kamikawa, N. 52570
Ching-Tien Ho *see* Bruck, J. 97589
Ching-Tsai Pan, Maoh-Chin Jiang A quick response peak detector for variable frequency three-phase sinusoidal signals 70290
Ching-Tsai Pan, Maoh-Chin Jiang A quick response peak detector for variable frequency three-phase sinusoidal signals 91951
Ching-Tsai Pan, Ting-Yu Chang An improved hysteresis current controller for reducing switching frequency 55128
Ching-Tsai Pan, Ting-Yu Chang A space vector implementation based vector controlled induction motor drive 100838
Ching-Tsai Pan, Ting-Yu Chang A fixed structure sliding mode controlled induction motor drive 100841
Ching-Tsai Pan, Tsung-Cheng Chen Modeling and design of a step-up three-phase AC to DC converter 49135
Ching-Tsai Pan, Tsung-Cheng Chen A novel zero switching loss step up/down three phase AC/DC converter 100251
Ching-Tsai Pan, Tsung-Cheng Chen, Kuie-Lin Lo A high performance step up/down three phase AC to DC converter 100257
Ching-Tsai Pan, Young-Huei Hong Calculation of the critical point of voltage collapse of power systems 99447
Ching-Tsai Pan *see* Maoh-Chin Jiang 58711
Ching-Tsai Pan *see* Maoh-Chin Jiang 100253
Ching-Tsai Pan *see* Ting-Yu Chang 54165
Ching-Tsai Pan *see* Ting-Yu Chang 78853
Ching-Tsorng Tsai *see* Pau-Choo Chung 95887
Ching-Wen Hsue Modified time-domain-scattering-parameter formulation for incident and reflected waves on lossless, nonuniform transmission lines 73404
Ching-Yao Hung *see* Gegner, J.P. 100284
Ching-Yih Tseng, Feldman, D.D., Griffiths, L.J. Estimation of signal steering vectors in uncalibrated arrays 95533
Ching-Yuan Wu *see* Yung-Song Lou 49810
Chingchi Chen, Divan, D.M. Simple topologies for single phase AC line conditioning 60318
Chingchi Chen, Divan, D.M., Novotny, D.W. A hybrid inverter/cycloconverter-based variable-speed three-phase induction motor drive for single-phase inputs 69077
Chinho Lin, Chien, T.W., Lie-Fern Hsu, Sphicas, G. Design of inspection policy in an assembly oriented flexible manufacturing system 69607
Chinkov, V.N. *see* Mints, M.Ya. 53704
Chinkov, V.N. *see* Mints, M.Ya. 99448
Chinlee Wang *see* Tucker, J.R. 71738
Chinlon Lin *see* Izadpanah, P. 86460
Chinlon Lin *see* Ovadia, S. 86329
Chinlon Lin *see* Ovadia, S. 97295
Chinn, G., Huang, S.-C. Noise and resolution of Bayesian reconstruction for multiple image configurations 59320
Chinn, G., Sung-Cheng Huang, Siegel, S., Kwan, B. Comparison of Bayesian methods for sinogram filtered backprojection and algebraic reconstruction 98830
Chinn, J., Yueh-Se Ho, Chang, M., Turner, T. Built-in reliability through sodium elimination 62461
Chinn, N.L., Roberts, G.N. Simulating wave disturbances using directional energy sea spectra for spatial wave profiles in time 59670
Chinn, S.R. *see* Livas, J.C. 50491
Chinn, S.R. *see* Livas, J.E. 63743
Chinn, S.R. *see* Swanson, E.A. 72349
Chinn, S.R. *see* Swanson, E.A. 94618
Chinni, V.R., Menyuk, C.R., Wai, P.K.A. Accurate solution of the paraxial wave equation using Richardson extrapolation 50554
Chino, T., Kobayashi, Y., Adachi, H., Matsuda, K. An 8×8 array of surface emitting lasers with heterojunction bipolar transistors integrated on them 94303
Chino, Y. *see* Matsuzawa, H. 63330
Chinone, K., Ataka, T., Shimizu, N. Easy process for fabrication of high-reliability DC-SQUIDs 56242
Chinone, K., Nakayama, S., Shimizu, N., Odawara, A., Iramina, K., Ueno, S. Development of a 7ch DC-SQUID system for brain research 53368
Chinone, N., Maeda, M. Recent trends in fiber-optic transmission technologies for information and communication networks 74948
Chinone, N. *see* Okai, M. 63758
Chinoy, P., Jain, N., Ping Li, Goodrich, J., Souchuns, C. Manufacture of low-loss microwave circuits using HMIC technology 92583
Chioato, E. *see* Bigliardi, S. 56005
Chiodo, E., Gagliardi, F., Lauria, D. Probabilistic approach to transient stability evaluation 99609
Chioffi, E., Maloberti, F., Marchesi, G., Torelli, G. High-speed, low-switching noise CMOS memory data output buffer 92243
Chiorboli, G., Morandi, C., Vascotto, M., Vecchi, G.P. Assessing monoplane camera calibration performance with off-the-shelf hardware 58636
Chiorboli, G. *see* Allodi, L. 55173
Chiorboli, G. *see* Boni, A. 49505
Chiou, A. *see* Pochi Yeh 73024
Chiou, H.-D., Yi Chen, Carpenter, R.W., Jeong, J. Warpage and oxide precipitate distributions in CZ silicon wafers 71263
Chiou, T.C. *see* Katsouleas, T. 76372
Chiou B-Shiou *see* B-Shiou Chiou
Chiou Bi-Shiou *see* Bi-Shiou Chiou
Chiou Chien-Hwa *see* Chien-Hwa Chiou
Chiou Chiew-Yann *see* Chiew-Yann Chiou
Chiou Chung-Ching *see* Chung-Ching Chiou
Chiou Hwa-Liang *see* Hwa-Liang Chiou
Chiou Jung-Chao *see* Jung-Chao Chiou
Chiou Tsay Su *see* Su Chiou Tsay
Chiou Wen Lin *see* Wen Lin Chiou
Chiou Young-Sheng *see* Young-Sheng Chiou
Chiouguey Chen, Thomas, G., Flores, B.C., Cabrera, S.D. Radar imaging using 2D adaptive non-parametric extrapolation and autoregressive modeling 58468
Chip-Hong Chang *see* Falkowski, B.J. 70454
Chipa, A. *see* Baums, A. 96734
Chipalkatti, R., Koyfman, L., Jack, C., Youngho Lim A prototype of a service management system for the intelligent network 85941
Chipara, M.D. *see* Chipara, M.I. 98652
Chipara, M.I., Grecu, V., Catana, D., Reyes Romero, J., Coca, S., Chipara, M.D. ESR investigations of electron-beam irradiated cellulose nitrate 98652
Chipaux, R. The Optical Discriminator: a guided Cherenkov light device for a very fast triggering on impact parameter in a fixed target experiment 98620
Chipaux, R., Faure, J.-L., Rebourgeard, P., Dauphin, G., Safieh, J. Behaviour of CeF_3 scintillator in an LHC-like environment 67300
Chipaux, R. *see* Buyanov, O.V. 98501
Chiping Sun, Xiaogang Luo, Lipo, T.A. Indirect field oriented control of induction machine utilizing a reactive power perturbation scheme 89974
Chiping Sun *see* Luefeng Liao 90531
Chiprout, E., Nakhla, M. Transient waveform estimation of high-speed MCM networks using complex frequency hopping 55099
Chiprout, E. *see* Sanaie, R. 49115
Chiprout, E. *see* Sanaie, R. 82056
Chir-Weei Chang *see* Sien Chi 83009
Chiriac, H., Ciobotaru, I., Mohorianu, S. Magnetic and magnetoelastic properties of amorphous ribbons 71958
Chiriac, H., Pop, G., Barariu, F., Vazquez, M. Magnetic behavior of the amorphous wires covered by glass 71993
Chiricozzi, E., Parasiliti, F., Villani, M., Vigliaturo, G., Gubiotti, R. Electrical steels for high-efficiency motors 68588
Chirkov, P. *see* Rybakov, E. 76657
Chirkov, V.N. *see* Sidorov, A.I. 72700
Chirlian, P.M. *see* Pengfei Zhu 57817
Chirovsky, L.M.F. *see* Lentine, A.L. 56420
Chirovsky, L.M.F. *see* Lentine, A.L. 72641
Chirovsky, L.M.F. *see* Lentine, A.L. 86022
Chirovsky, L.M.F. *see* Woodward, T.K. 63617
Chirovsky, L.M.F. *see* Woodward, T.K. 97257
Chisci, L., Mosca, E. MMSE deconvolution via polynomial methods and its dual LQG regulation 73993
Chishiki, S. *see* Matsui, Y. 61702
Chisholm, W.A., Buchan, P.G., Jarv, T. Accurate measurement of low insulator contamination levels 78177
Chisman, J.A. *see* Gum, J.R. 91312
Chistyakov, S.O. *see* Prokofev, A.E. 83219
Chiswell, S. *see* Bevis, M. 73356
Chitaree, R., Weir, K., Palmer, A.W., Grattan, K.T.V. A HiBi fibre polarization modulation scheme for ellipsometric measurements 82549
Chitaree, R., Weir, K., Palmer, A.W., Grattan, K.T.V. A highly birefringent fibre polarization modulation scheme for ellipsometry: system analysis and performance 98325
Chitarin, G. *see* Bellina, F. 73244
Chitarin, G. *see* Bellina, F. 82431
Chitica, N. *see* Mihailescu, I.N. 93189
Chitnis, V.T. *see* Kanjilal, A.K. 93551
Chitnis, V.T. *see* Sharma, R. 71443
Chitre, D.M., Gokhale, D.S., Henderson, T., Lunsford, J.L., Mathews, N. Asynchronous transfer mode (ATM) operation via satellite: Issues, challenges and resolutions 86246
Chitre, D.M., Shyy, D.-J., Ephremides, A., Gupta, S. Hybrid satellite and terrestrial networks 86254
Chitre, Y., Dhawan, A.P., Moskowitz, Y. Artificial neural network based classification of mammographic microcalcifications using image structure features 59274
Chittababu, K.G. *see* Chen, Z. 87304
Chittenden, J.P. *see* Mitchell, I.H. 68934
Chittibabu, K.G. *see* Li, L. 56915
Chittofrati, A. *see* Carla, M. 82102
Chiu, B. *see* Hastings, M.C. 76021
Chiu, C.T. Parallel implementation of transform-based DCT filter-bank for video communications 97610
Chiu, C.T. *see* Liu, K.J.R. 57482
Chiu, C.T. *see* Liu, K.J.R. 80448
Chiu, E. *see* Tew, C. 98228
Chiu, K.M., Ching, P.C. A dual-band excitation LSP codec for very low bit rate transmission 95332
Chiu, M. *see* Bassiouni, M. 75005
Chiu, M. *see* Bassiouni, M.A. 74741
Chiu, P.H. *see* Yamakawa, K. 50752
Chiu, P.P.K. *see* Ku, K.-M. 74560
Chiu, S. *see* Abdelnour, G. 57572
Chiu, T.-H. *see* Sizer, T., II 63478
Chiu, T.H., Tsang, W.T., Kapre, R.M., Williams, M.D., Ferguson, J.F. Monolayer control of chemical beam etching for regrowth 55826
Chiu, T.H., Williams, M.D., Ferguson, J.F., Tsang, W.T., Kapre, R.M. Surface roughness during chemical beam etching and its remedy by enhanced cation diffusion 71364
Chiu, T.H. *see* Mendonca, C.A.C. 93154
Chiu, T.H. *see* Nuss, M.C. 56933
Chiu, T.Y. *see* Liu, T.M. 61659
Chiu, T.Y. *see* Sung, J.M. 71827
Chiu, T.Y. *see* Yang, L.W. 62715
Chiu, W.K., Galea, S.C., Zhang, H., Jones, R., Lam, Y.C. The use of piezoelectric thin film sensors for structural integrity monitoring 97982
Chiu Chin-Fong *see* Chin-Fong Chiu
Chiu Liu *see* Qian Niu 81997
Chiu Ming-Ko *see* Ming-Ko Chiu
Chiu Ming-Yee *see* Ming-Yee Chiu
Chiu Tzu-Yin *see* Tzu-Yin Chiu
Chiu Wai Kin *see* Wai Kin Chiu
Chiu Yi *see* Yi Chiu
Chiu-Tsao Sou-Tung *see* Sou-Tung Chiu-Tsao
Chiu-Yu Tseng *see* Lin-Shan Lee 95300
Chiuderi, A., Fini, S. Data fusion techniques for remotely sensed images 57787
Chiueh, H. *see* Yih-Feng Chyan 55898
Chiueh, T.-D. *see* Chen, M.-J. 95668
Chiueh Tzi-Dar *see* Tzi-Dar Chiueh
Chiung-Shien Wu *see* Nen-Fu Huang 65769
Chiung-Shien Wu *see* Nen-Fu Huang 75476
Chiung-Shien Wu *see* Nen-Fu Huang 85851
Chiung-Yi Huang *see* Chiang-Tsung Huang 78582
Chiung-Yi Huang *see* Jin-Cheng Wang 89012
Chive, M. *see* Cresson, P.-Y. 98943
Chiwaki, M. *see* Ohgaki, H. 87963
Chiwaki, M. *see* Yamazaki, T. 94544
Chiwaya, A.A.W. *see* Redfern, M.A. 78208
Chiy Lin Mneg *see* Mneg Chiy Lin

Chizhevskii, V.N. Investigation of the dynamic characteristics of a CW CO_2-laser by the pulse disturbance method 63656
Chizhevskii, Yu.L. *see* Biki, M.A. 90087
Chizhevsky, V.N., Turovets, S.I. Periodically loss-modulated CO_2 laser as an optical amplitude and phase multitrigger 82923
Chizinsky, G. Recent advances in mass flow control 90933
Chlamtac, I. Interconnecting LANs for real time traffic application 65358
Chlamtac, I., Farago, A. An optimal channel access protocol with multiple reception capacity 51826
Chlamtac, I., Farago, A. Making transmission schedules immune to topology changes in multi-hop packet radio networks 58334
Chlamtac, I., Farago, A., Hye Yeon Ahn A topology transparent link activation protocol for mobile CDMA radio networks 97061
Chlamtac, I., Fumagalli, A. Quadro: a solution to packet switching in optical transmission networks 52292
Chlamtac, I., Fumagalli, A. Quadro-Star: a high performance optical WDM star network 86351
Chlebus, E. GOS determination in cellular mobile networks based on conservation of traffic flow 97115
Chloupek, J. *see* Weston, B. 78402
Chludzinski, J.W. *see* Turner, G.W. 56771
Chmela, P. *see* Petracek, J. 94610
Chmielewski, A.G. *see* Maciszewski, W. 87638
Chmil', V.B. *see* Vorob'ev, A.P. 76751
Chmyrev, V.M. *see* Sonwalkar, V.S. 94805
Chng, E.S., Mulgrew, B. Backtracking orthogonal least squares algorithm for model selection 51491
Cho, A. *see* Belenky, G.L. 62694
Cho, A.F. *see* Ren, F. 56026
Cho, A.Y. *see* Baillargeon, J.N. 54848
Cho, A.Y. *see* Baillargeon, J.N. 54905
Cho, A.Y. *see* Baillargeon, J.N. 69980
Cho, A.Y. *see* Belenky, G.L. 92545
Cho, A.Y. *see* Capasso, F. 73028
Cho, A.Y. *see* Chen, Y.K. 92546
Cho, A.Y. *see* Faist, J. 50869
Cho, A.Y. *see* Faist, J. 56799
Cho, A.Y. *see* Gunapala, S.D. 52849
Cho, A.Y. *see* Mastrapasqua, M. 63527
Cho, A.Y. *see* Nichols, D.T. 75495
Cho, A.Y. *see* Schubert, E.F. 50689
Cho, A.Y. *see* Schubert, E.F. 82835
Cho, A.Y. *see* Sizer, T., II 63478
Cho, A.Y. *see* Tedesco, C. 93328
Cho, A.Y. *see* Yeong-Her Wang 93515
Cho, B.H. *see* Huliehel, F.A. 60344
Cho, C.-C., Wallace, R.M., Files-Sesler, L.A. Patterning and etching of amorphous Teflon films 81497
Cho, C.-H., Bae, S.-J., Shin, W.-S., Kim, Y.-K., Hwang, D.-S., No, K.-S., Chun, J.S. Effects of the microstructure on the performance of microstrip line resonator made of MOCVD $YBa_2Cu_3O_y$ film 80587
Cho, C.-M., Djuric, P.M. Detection and localization of multiple sources via Bayesian predictive densities 84397
Cho, D. *see* Shiraishi, H. 60593
Cho, D.L. *see* Han, S.Y. 97421
Cho, G., Drewery, J.S., Hong, W., Jing, T., Lee, H., Kaplan, S.N., Mireshghi, A., Perez-Mendez, V., Wildermuth, D. Signal readout in a-Si:H pixel detectors 59129
Cho, G. *see* Drewery, J. 59104
Cho, G. *see* Jing, T. 88408
Cho, G. *see* Kitsuno, Y. 55574
Cho, G. *see* Mireshghi, A. 88120
Cho, G. *see* Mireshghi, A. 98587
Cho, G.-H. *see* Jung, Y.-C. 100352
Cho, G.C. *see* Choi, N.S. 68053
Cho, G.C. *see* Rim, C.T. 100209
Cho, G.H. *see* Choi, N.S. 68053
Cho, G.H. *see* Kwon, W.H. 55126
Cho, G.H. *see* Liu, H.L. 100218
Cho, G.H. *see* Rim, C.T. 80104
Cho, G.H. *see* Rim, C.T. 100209
Cho, G.H. *see* Seong, H.H. 100310
Cho, H., Hachtel, G.D., Macii, E., Poncino, M., Somenzi, F. A state space decomposition algorithm for approximate FSM traversal 49076
Cho, H., Szilagyi, M. A simple approach to weak electrostatic quadrupole lenses 83531
Cho, H. *see* Bahar, R.I. 49334
Cho, H.C. *see* Hwang, Y.S. 62550
Cho, H.M. *see* Ku, L.C. 82357
Cho, H.S. *see* Kim, J.S. 84908
Cho, J.G., Sabate, J.A., Guichao Hua, Lee, F.C. Zero-voltage and zero-current-switching full bridge PWM converter for high power applications 100266
Cho, J.G., Sabate, J.A., Lee, F.C. Novel full bridge zero-voltage-transition PWM DC/DC converter for high power applications 68790
Cho, J.S.H., Ho-Kyu Kang, Asano, I., Wong, S.S. CVD Cu interconnections for ULSI 62531
Cho, J.S.H., Ho-Kyu Kang, Changsup Ryu, Wong, S.S. Reliability of CVD Cu buried interconnections 93256
Cho, K. *see* Meer, P. 51666
Cho, K. *see* Sobue, S. 77286
Cho, K. *see* Tada, T. 77311
Cho, K.-R., Okura, K., Asada, K. Experimental design of a 32-bit fully asynchronous microprocessor (FAM) 61748
Cho, K.I. *see* Nahm, S. 79828
Cho, K.Y., Bae, J.D., Chung, S.K., Youn, M.J. Torque harmonics minimization in PM synchronous motor with back EMF estimation 100098
Cho, M. *see* Kang, H. 66835
Cho, M. *see* Namkung, W. 67002
Cho, M.H., Nam, S.H., Oh, J.S., Park, S.S., Lee, H.S., Bak, J.S., Ko, I.S., Namkung, W. Performance characteristics of the pulsed high power klystron tube for PLS 2-GeV Linac 67044
Cho, M.H. *see* Nam, S.H. 68754
Cho, M.Y. *see* Chen, C.S. 78088
Cho, M.Y. *see* Lee, T.E. 89250
Cho, N.I., Lee, S.U. On the tracking properties of the ALNF (adaptive lattice notch filter) 84287
Cho, P.S., Cui, E.F., Goldhar, J., Lee, C.H. Nonlinear optical transmission induced by large transient electric field enhancements in photoconductive zinc selenide switches 82810
Cho, P.S., Goldhar, J., Lee, C.H. Electrical pulse compression using photoconductive zinc selenide opening switches 56547
Cho, P.S., Ho, P.-T., Goldhar, J., Lee, C.H. Photoconductivity in ZnSe under high electric fields 72566
Cho, S. *see* Bernstein, J. 58741
Cho, S.H. *see* Choi, J.D. 70491
Cho, S.H. *see* v. Berg, E. 89523
Cho, S.M., Snapp, R.B. Design of a selective catalytic reduction system for NO_x emission control in the Keystone cogeneration plant 89571
Cho, T., Hirata, M., Kohagura, J., Yatsu, K., Tamano, T., Miyoshi, S., Kondoh, T., Tanabe, Y., Saitoh, Y., Akamine, T., Miyahara, S., Tanaka, S. New findings of X-ray energy responses of silicon surface barrier detectors and their generalized theoretical extension to X-ray responses of position sensitive detectors 88031
Cho, T.J. *see* Chung, T.Y. 91001
Cho, W., Takeuchi, Y., Kuwano, H. Electrical properties of crystallized semi-insulating polycrystalline silicon films 87401
Cho, W. *see* Locascio, J.J. 61506
Cho, Y., Bailey, J., Brown, B., Brumwell, F., Carpenter, J., Crawford, K., Horan, D., Jerng, D., Kelb, R., Knox, A., Kustom, R., Lessner, E., McGhee, D., Mills, F., Moe, H., Nielsen, R., Potts, C., Rauchas, A., Thompson, K. Conceptual design for one megawatt spallation neutron source at Argonne 87949
Cho, Y., Fujisawa, Y. Microcontroller with built-in data-link-layer communication protocol controller 92279
Cho, Y., Haitsuka, S., Kadota, M. Control of nonlinear piezoelectricity and its application to efficiency improvement of surface acoustic wave elastic convolver 71903
Cho, Y., Haitsuka, S., Kadota, M. 20 dB efficiency increment of surface acoustic wave elastic convolver using actively controlled nonlinear piezoelectric effect 93835
Cho, Y., Miyagawa, N. Surface acoustic wave soliton propagating on the metallic grating waveguide 93837
Cho, Y., Wakita, J. Nonlinear equivalent circuits of acoustic devices 63122
Cho, Y., Wakita, J. Nonlinear equivalent circuits of acoustic devices 93764
Cho, Y., Yamanoi, G., Hayashi, Y., Tashiro, T., Fujisawa, Y. A microcontroller with a built-in data-link-level protocol control function 55288
Cho, Y. *see* Ashida, A. 61358
Cho, Y. *see* Ashida, A. 79930
Cho, Y. *see* Belenky, G.L. 49801
Cho, Y. *see* Hachiuma, Y. 93004
Cho, Y. *see* Lessoer, E.S. 66959
Cho, Y. *see* Ohke, S. 72362
Cho, Y. *see* Susaki, M. 56507
Cho, Y. *see* Wada, K. 63760
Cho, Y. *see* Wada, K. 72885
Cho, Y. *see* Wada, K. 94532
Cho, Y.-H., Kwak, B.M., Pisano, A.P., Howe, R.T. Viscous energy dissipation in laterally oscillating planar microstructures: a theoretical and experimental study 58727
Cho, Y.K. *see* Lee, C.W. 94980
Cho, Y.M., Paulraj, A., Kailath, T., Guanghan Xu A contribution to optimal lamp design in rapid thermal processing 55685
Cho, Y.S., Baik, K.H., Chung, K.H., Choi, B.H. Study on induction accelerator for industrial applications 67021
Cho, Y.S., Powers, E.J. Quadratic system identification using higher order spectra of i.i.d. signals 64447
Cho, Z.H., Naglestad, A.S. Pinhole fan beam circular ring single photon tomography using multi-detector crystal array 98822
Cho Byong Jin *see* Byong Jin Cho
Cho Byung Jin *see* Byung Jin Cho
Cho Byung Seob *see* Byung Seob Cho
Cho Chae-Ryong *see* Chae-Ryong Cho
Cho Chen-Lien *see* Chen-Lien Cho
Cho Chew Weng *see* Weng Cho Chew
Cho Chih-Chen *see* Chih-Chen Cho
Cho Dong Ho *see* Dong Ho Cho
Cho Dong Woo *see* Dong Woo Cho
Cho Dong-Ho *see* Dong-Ho Cho
Cho Dong-il *see* Dong-il Cho
Cho Geun-Rae *see* Geun-Rae Cho
Cho Guang Sup *see* Guang Sup Cho
Cho Gyu Hyeong *see* Gyu Hyeong Cho
Cho Hee-Jung *see* Hee-Jung Cho
Cho Ho-Sung *see* Ho-Sung Cho
Cho Hoon Young *see* Hoon Young Cho
Cho Hyun Choon *see* Hyun Choon Cho
Cho Hyun Joon *see* Hyun Joon Cho
Cho Hyunwoo *see* Hyunwoo Cho
Cho Jae-Chul *see* Jae-Chul Cho
Cho Jaekyong *see* Jaekyong Cho
Cho Jun Dong *see* Jun Dong Cho
Cho Kwan Yuhl *see* Kwan Yuhl Cho
Cho Kyoung-Ik *see* Kyoung-Ik Cho
Cho Kyung Young *see* Lim Young Cheol 97923
Cho Nai Cheung *see* Brinkley, A. 79364
Cho Seok Je *see* Seok Je Cho
Cho Seuk Pal *see* Seuk Pal Cho
Cho Soo-In *see* Soo-In Cho
Cho Sooin *see* Sooin Cho
Cho Soon-Bong *see* Soon-Bong Cho
Cho Suk-Hyung *see* Suk-Hyung Cho
Cho Tae Won *see* Tae Won Cho
Cho We Duke *see* We Duke Cho
Cho Won Kyung *see* Won Kyung Cho
Cho Won-Ju *see* Won-Ju Cho
Cho Wonju *see* Wonju Cho
Cho Wook-Rae *see* Wook-Rae Cho
Cho Yong-Myung *see* Yong-Myung Cho
Cho Yong-Soo *see* Yong-Soo Cho
Cho Yook *see* Yook Cho
Cho You-Ze *see* You-Ze Cho
Cho Young Ho *see* Young Ho Cho
Cho Young Jong *see* Young Jong Cho
Cho Young Ki *see* Young Ki Cho
Cho Young Man *see* Young Man Cho
Cho Young-Ho *see* Young-Ho Cho
Cho Young-Jong *see* Young-Jong Cho
Cho Youngman *see* Youngman Cho
Choa, F.S. *see* Tsang, W.T. 72855
Chockalingam, A., Venkataram, P., Prabhakar, A. Throughput delay characteristics of OCUM protocol for media access in multihop wireless networks with buffers 58138
Chockalingam, M.J. *see* Jayachandran, M. 54991
Chodas, P. *see* Lewicki, S. 75695
Chodelka, R.E. *see* Venigalla, S. 49687
Chodzko, R.A., Bernard, J.M., Coffer, J.G., Hofland, R. CW HF selected-line integral master oscillator power amplifier (IMOPA) 82921
Choe, B. *see* Kim, C.H. 55666
Choe, H. *see* Gerhart, G.R. 64616
Choe, I.Y., Ko, W.H. Characterization of thick p^+ silicon layer for microelectromechanical systems 49841
Choe, J.-W. *see* Perera, A.G.U. 75968
Choe, W. *see* Lazar, A.A. 51916
Choe Byeong-Seog *see* Byeong-Seog Choe
Choe Byung-Doo *see* Byung-Doo Choe
Choe Geon *see* Geon Choe
Choe Ghun *see* Ghun Choe
Choen Kim Limitations of supervised classification and possible application for forest damages using airborne MSS data 77596
Choh Sung Ho *see* Sung Ho Choh
Choh-Fei Yeap *see* Agostinelli, V.M., Jr. 93369
Chohan, S. *see* Tripathy, S.C. 88962
Chohan, S. *see* Tripathy, S.C. 99446
Choi, A. *see* Yip-San Wong 95939
Choi, A.C.K. *see* Zhiqiang Zhao 98019
Choi, B.C. *see* Taeg Yong Kwon 73079
Choi, B.H. *see* Cho, Y.S. 67021
Choi, C.-H., Choi, J.Y. Construction of neural networks for piecewise approximation of continuous functions 61149
Choi, C.S. *see* Moon, S.W. 61317
Choi, C.S. *see* Yoon, J.Y. 70485
Choi, C.Y. *see* Sugavanam, R. 92703
Choi, D., Pierson, R., Trafton, F., Sheahan, B., Gopinathan, V., Mayfield, G., Ranmuthu, I., Venkatraman, S., Pawar, V., Lee, O., Giolma, W., Krenik, W., Abbott, W., Johnson, K. An analog front-end signal processor for a 64 Mb/s PRML hard-disk drive channel 92428
Choi, G.N. *see* Kwon, K.W. 70503
Choi, G.S. *see* Ries, G.L. 70369
Choi, H., Kohara, T., Ishiura, N., Shirakawa, I., Motohara, A. Test generation for sequential circuits based on Boolean function manipulation 80232
Choi, H., Trivedi, K.S. Conditional MTTF and its computation in Markov reliability models 54589
Choi, H.C., King, R.W. Speaker adaptation through spectral transformation for HMM based speech recognition 95351
Choi, H.J., Park, Y.D., Frattini, P.L., Jhon, M.S. Rheo-optical measurements on suspensions of magnetic recording particles 63221
Choi, H.K., Eglash, S.J., Turner, G.W. Double-heterostructure diode lasers emitting at 3 μm with a metastable GaInAsSb active layer and AlGaAsSb cladding layers 56747
Choi, H.K. *see* Liau, Z.L. 63826
Choi, H.K. *see* Sanders, G.D. 94456
Choi, H.K. *see* Turner, G.W. 56771

Choi, H.K. *see* Wang, C.A. 50819
Choi, I.H. *see* Kwak, N.J. 61318
Choi, I.H. *see* Kwak, N.J. 70007
Choi, J. *see* Yoon, M. 87910
Choi, J.-Y. *see* Kamitani, T. 87822
Choi, J.-Y. *see* Ogawa, Y. 76617
Choi, J.B., Yoo, K.H., Han, J.W., Kang, T.W., Meyer, J.R., Hoffman, C.A., Karczewski, G., Furdyna, J.K., Faurie, J.P. Transport and optical properties of holes in p-type zero-band-gap $Hg_{1-x}Zn_xTe/CdTe$ superlattices 55611
Choi, J.D., Lee, W.K., Cho, S.H., Kang, N.S., Suh, K.D., Lim, H.K. A novel NAND structure with a BJT contact for the high density mask ROMs 70491
Choi, J.H., Kojori, H.A., Dewan, S.B. High power GTO-CSC based power supply utilizing SHE-PWM and operating at unity power factor 90195
Choi, J.H. *see* Karshenas, H.R. 68786
Choi, J.J., Armstrong, C.M., Ganguly, A.K., Barsanti, M.L. Design of a 50 kW, wideband Ka-band slow wave cyclotron amplifier 81154
Choi, J.J., Ganguly, A.K., Armstrong, C.M. Frequency multiplied harmonic gyrotron-traveling-wave-tube amplifier 62124
Choi, J.J., Park, G.S., Park, S.Y., Armstrong, C.M., Kyser, R.H., Ganguly, A.K. Experimental investigation of a broadband two-stage tapered gyro-TWT amplifier 62121
Choi, J.J. *see* Park, G.S. 92900
Choi, J.S. *see* Hwang, Y.S. 62550
Choi, J.Y. *see* Choi, C.-H. 61149
Choi, J.Y. *see* Jung, C.M. 70565
Choi, K.H. *see* Yoo, K.D. 62927
Choi, K.K. Generalized relationship between gain, noise, and capture probability of quantum well infrared photodetectors 87174
Choi, K.K., Lee, C.Y., Tidrow, M.Z., Chang, W.H., Gunapala, S.D. Performance assessment of quantum well infrared photodetectors 87195
Choi, K.K. *see* Lee, C.Y. 58763
Choi, K.K. *see* Lee, C.Y. 71605
Choi, K.P. *see* Gan, F.F. 60997
Choi, K.Y. *see* Droopad, R. 54913
Choi, K.Y. *see* Kuo, C.H. 55570
Choi, M.K. *see* Lee, J.H. 85902
Choi, N.S., Cho, G.C., Cho, G.H. Modeling and analysis of a static VAR compensator using multilevel voltage source inverter 68053
Choi, N.S. *see* Rim, C.T. 100209
Choi, P., Aliaga-Rossel, R. A novel technique for scintillator light collection in neutron measurements 88149
Choi, P., Favre, M. A capacitive probe array for measurements of ionization growth 75911
Choi, P. *see* Mitchell, I.H. 68934
Choi, S. *see* Enjeti, P.N. 54090
Choi, S.-B., Hedrick, J.K. An observer-based controller design method for automotive fuel-injection systems 60606
Choi, S.D. *see* Yang, C.J. 71938
Choi, S.H. *see* Lee, C.S. 71455
Choi, S.H. *see* Woo, S.H. 71379
Choi, S.J., Ventzek, P.L.G., Hoekstra, R.J., Kushner, M.J. Spatial distributions of dust particles in plasmas generated by capacitively coupled radiofrequency discharges 71397
Choi, S.J. *see* Han, S.Y. 97421
Choi, S.S. *see* Sang Yeong Lee 70855
Choi, S.W. *see* Ko, J.S. 56127
Choi, S.W. *see* Lee, S.H. 56104
Choi, S.W. *see* Lee, S.H. 56131
Choi, U.J. *see* Park, Y. 61135
Choi, W. *see* Smits, J.G. 56101
Choi, W.K. *see* Ling, C.H. 71664
Choi, W.S. *see* Smits, J.G. 93789
Choi, W.Y. *see* Ellis, W.H. 87974
Choi, Y.D., Sugimoto, T., Sakakibara, S., Ishino, K., Ishida, A., Fujiyasu, H. Characterizations of ZnS-ZnSe superlattices grown by hot wall epitaxy 69979
Choi, Y.H. *see* Sang Yeong Lee 70855
Choi, Y.M. *see* Hu Chi 73471
Choi, Y.W. *see* Chu, H.Y. 71585
Choi, Y.W. *see* Oh, B. 72229
Choi, Y.W. *see* Park, J.T. 74688
Choi Boo Youn *see* Boo Youn Choi
Choi Byung Ha *see* Byung Ha Choi
Choi Byung Ho *see* Byung Ho Choi
Choi Byung Il *see* Byung Il Choi
Choi Chang Hoon *see* Chang Hoon Choi
Choi Chang Seek *see* Chang Seek Choi
Choi Chang Sik *see* Chang Sik Choi
Choi Chong-Ho *see* Chong-Ho Choi
Choi Dae-Woo *see* Dae-Woo Choi
Choi Do-Chan *see* Do-Chan Choi
Choi Doo-hyun *see* Doo-hyun Choi
Choi Doo-Il *see* Doo-Il Choi
Choi Haan-Go *see* Haan-Go Choi
Choi Hak Keun *see* Hak Keun Choi
Choi Hee-Sook *see* Hee-Sook Choi
Choi Hong Sub *see* Hong Sub Choi
Choi Hoon *see* Hoon Choi
Choi Hyun Chil *see* Hyun Chil Choi
Choi Hyung Jin *see* Hyung Jin Choi
Choi HYung-Ill *see* HYung-Ill Choi
Choi In Jun *see* In Jun Choi
Choi In-Hoon *see* In-Hoon Choi
Choi Jai Sock *see* Jai Sock Choi
Choi Jin Seog *see* Jin Seog Choi
Choi Jin Soo *see* Jin Soo Choi
Choi Jinho *see* Jinho Choi
Choi Jinhyuk *see* Jinhyuk Choi
Choi Jong Ho *see* Jong Ho Choi
Choi Jong Soo *see* Jong Soo Choi
Choi Jong Woo *see* Jong Woo Choi
Choi Joon Youl *see* Joon Youl Choi
Choi Joong Gill *see* Joong Gill Choi
Choi Joongho *see* Joongho Choi
Choi Jso-Sun *see* Jso-Sun Choi
Choi Ki-Hawn *see* Ki-Hawn Choi
Choi Kiyoung *see* Kiyoung Choi
Choi Kyeong Keun *see* Kyeong Keun Choi
Choi Kyu Whang *see* Kyu Whang Choi
Choi Kyuhyun *see* Kyuhyun Choi
Choi Kyung *see* Kyung Choi
Choi Min Sung *see* Min Sung Choi
Choi Moon Soo *see* Moon Soo Choi
Choi Myung Jin *see* Myung Jin Choi
Choi Myung-Hun *see* Myung-Hun Choi
Choi Pill Woong *see* Pill Woong Choi
Choi Sang Hoon *see* Sang Hoon Choi
Choi Sang On *see* Sang On Choi
Choi Sang Sam *see* Sang Sam Choi
Choi Sang Yoon *see* Sang Yoon Choi
Choi Sang-Ho *see* Park Jong-Tae 96700
Choi Sang-Soo *see* Sang-Soo Choi
Choi Sang-Un *see* Sang-Un Choi
Choi Se Gon *see* Se Gon Choi
Choi Segon *see* Segon Choi
Choi Seok Woo *see* Seok Woo Choi
Choi Seong Jhin *see* Seong Jhin Choi
Choi Seong Woon *see* Seong Woon Choi
Choi Seong-Hak *see* Seong-Hak Choi
Choi Seong-Uk *see* Seong-Uk Choi
Choi Seung Ki *see* Seung Ki Choi
Choi Seung-Jin *see* Seung-Jin Choi
Choi Seungmoo *see* Seungmoo Choi
Choi Soo Han *see* Soo Han Choi
Choi Soo-Han *see* Soo-Han Choi
Choi Soon-Don *see* Soon-Don Choi
Choi Soon-Han *see* Soon-Han Choi
Choi Sun Jung *see* Sun Jung Choi
Choi Tao Young *see* Tao Young Choi
Choi Wai-Shing *see* Wai-Shing Choi
Choi Won Chel *see* Won Chel Choi
Choi Woo-Sung *see* Woo-Sung Choi
Choi Woo-Young *see* Woo-Young Choi
Choi Yanghee *see* Yanghee Choi
Choi Yearn Ik *see* Yearn Ik Choi
Choi Yearn-Ik *see* Yearn-Ik Choi
Choi Yhon Kyong *see* Yhon Kyong Choi
Choi Yong-Wook *see* Park Jong-Tae 96700
Choi Yoon Kyung *see* Yoon Kyung Choi
Choi Yunho *see* Yunho Choi
Chojnacki, E., Konecny, R., Rosing, M., Simpson, J. Drive linac for the Argonne Wakefield Accelerator 67073
Chojnacki, E. *see* Power, J. 71030
Chojnacki, E. *see* Schoessow, P. 76330
Chojnacki, E. *see* Schoessow, P. 76364
Chok Sing, M.L. *see* Lesquey, E. 63319
Chok Sing, M.Lam *see* Lam Chok Sing, M.
Chok-Ki Chan, Yin-Hei Chan Progressive image transmission using variable block size multistage vector quantization 74535
Chok-Ki Chan, Yin-Hei Chan Progressive image transmission using adaptive multistage vector quantization 95916
Chok-ki Chan *see* Chi-kit Ma 74534
Chok-Ki Chan *see* Lai-Man Po 64314
Chokhani, S. Toward a national public key infrastructure 83977
Chokhawala, R., Castino, G. IGBT fault current limiting circuit 61515
Chokhawala, R., Catt, J., Kiraly, L. A discussion on IGBT short circuit behavior and fault protection schemes 49158
Chokhawala, R., Sobhani, S. Switching voltage transient protection schemes for high current IGBT modules 61528
Chokhawala, R. *see* Yi Zhang 80114
Chol Li Yong *see* Yong Chol Li
Cholak, P. The translation theorem 54689
Cholapranee, T. *see* Lee, J. 100026
Chollet, F. *see* Dutartre, D. 91612
Chollet, F. *see* Dutartre, D. 93026
Chollet, F. *see* Vatel, O. 71068
Chollet, G. *see* Wagner, D. 90591
Chollet, J.C. *see* Gingrich, D. 53291
Cholley, J.P. *see* Truchetet, F. 91093
Choma, J., Jr. Temperature stable voltage controlled current source 61794
Choma, J., Jr. *see* Atarodi, M. 91916
Chomicz, T. *see* Mijuskovic, D. 49198
Chommeloux, B. *see* Bruegge, C.J. 63539
Chon, J.C., Mickelson, A.R. Fabrication and characterization of a third-order nonlinear organic-polymer composite glass waveguide: a self-phase modulator 94651
Chon Lee Choo *see* Choo Chon Lee
Chonan, T. *see* Matsui, Y. 61702
Chong, C. *see* DeHope, W. 62122
Chong, C. *see* DeHope, W. 92901
Chong, C.K. *see* Hata, F. 82436
Chong, C.K. *see* Leou, K.C. 92902
Chong, C.K. *see* Watanabe, K. 94008
Chong, C.S., Chan, M.A.C., Tan, L.F. The effect of X-ray irradiation on track formation in LR-115 type II track detector 88191
Chong, D. *see* Mehta, A. 54509
Chong, F. *see* DeHon, A. 52134
Chong, F.C. *see* Marshall, J. 58644
Chong, H.F. *see* O'Reilly, P. 85940
Chong, K.P., Dillon, O.W., Scalzi, J.B., Spitzig, W.A. Engineering research in composite and smart structures 79758
Chong, M. *see* Tominaga, K. 93684
Chong, M.M.S., Han Ngee Tan, Jun Liu, Gay, R.K.L. Geometric representation for structural analysis in image postprocessing 51553
Chong, M.N. Multi-transputer video coding (MTVC) system 85194
Chong, R.B. Zap, crackle and pop: Health concerns in the US as to radio frequency electric and magnetic fields emitted from telecommunications facilities 88572
Chong, S., Li, S.-Q., Ghosh, J. Dynamic bandwidth allocation for efficient transport of real-time VBR video over ATM 64941
Chong, T.O. *see* Chuah, H.T. 77302
Chong, W.N. Adaptive subsampling for image data compression 74424
Chong Chen *see* Junli Shi 86677
Chong Chin Soon, De Souza, R., Sen, A. An intelligent decision support environment for PCB assembly 81032
Chong Chong Tow *see* Tow Chong Chong
Chong Hee Kim *see* Tae Song Kim 82162
Chong Ho Lee *see* Seong Beom Park 80523
Chong Ho Lee *see* Tae Seon Kim 75266
Chong Ho Yoon, Chong Kwan Un Unslotted 1- and p_i-persistent CSMA-CD protocols for fiber optic bus networks 51832
Chong Hoon Kwak, Kyong Hon Kim, Jong Sool Jeong, Ho Hyung Suh, El-Hang Lee Formation dynamics of Bragg phase gratings in photosensitive optical fibers 82543
Chong Jong Wha *see* Jong Wha Chong
Chong Kwan Un *see* Chong Ho Yoon 51832
Chong Kwan Un *see* Park, C. 65766
Chong Kwan Un *see* Sea Hyeon Nam 57986
Chong Kwan Un *see* Won Sik Youn 64503
Chong Kwan Un *see* Youn Chan Jung 85243
Chong Kwan Un *see* Young Han Kim 51755
Chong Kwan Un *see* Young Jong Cho 51733
Chong Kwan Un *see* Young Jong Cho 57369
Chong Kyunrak *see* Kyunrak Chong
Chong Li *see* Wenshan Yang 69816
Chong Li *see* Li Chong
Chong Paul Joe *see* Paul Joe Chong
Chong Sang Kim *see* Hyun Tae Jung 58198
Chong Song *see* Song Chong
Chong Suck Rim *see* Yhon Kyong Choi 91804
Chong Sze Tong Double deconvolution using a neural network 96109
Chong Tow Chong *see* Tow Chong Chong
Chong Yeun Park, Mog Soon Jang Design method and characteristics of WDF based on VGIC 70738
Chong Yu *see* Storer, M. 88700
Chong-Ah Park, Chong-Man Yang, Seog-Tae Han, Yong-Sun Park Construction of 21 cm cosmic radio antenna 86635
Chong-Cheng Fu *see* Kamgar, A. 71820
Chong-Gun Yu, Geiger, R.L. An automatic offset compensation scheme with ping-pong control for CMOS operational amplifiers 55152
Chong-Ho Choi *see* Dong Geun Jeong 74711
Chong-Jian Qiu *see* Qin Xu 99200
Chong-Jian Qiu *see* Qin Xu 99201
Chong-Jian Qiu *see* Qin Xu 99208
Chong-Kwan Un *see* Young-Jong Cho 74647
Chong-Kwoon Kim *see* Singh, R.P. 58032
Chong-Man Yang *see* Chong-Ah Park 86635
Chong-Yung Chi, Jian-Lin Hwang, Chyi-Feng Rau A new cumulant based parameter estimation method for noncausal autoregressive systems 84374
Chong-Yung Chi, Wen-Jie Chang, Chih-Chun Feng A new algorithm for the design of linear prediction error filters using cumulant-based MSE criteria 95404
Chongchao Huang, Changming Ji Gradient projection method with affine scaling for nonlinear programming 91333
Chongcheng Fan, Jiangde Peng, Jinghui Li, Xin Jiang, Gengsheng Wu, Bingkun Zhou Theoretical and experimental investigations on erbium-doped fiber amplifiers 63728
Chongguang Zhu *see* Zhu Chongguang
Chonggun Kim, Younky Chung A calculation method for preuse/reuse slot utilization in DQDB network 96701
Chonghu Cheng *see* Cheng Chonghu
Chonghua Zhou, Shukla, A., Letcher, S., Singh, R., Sienkiewicz, F. On the use of microbend fiber-optic sensor in material characterization 52927
Chongjian Li *see* Li Chongjian
Chongjun Deng Design of the automatic testing device for laser rangefinders 83395
Chonglun Fan, Piron, D.L., Rojas, M. Polarization of cobalt-molybdenum and nickel-molybdenum hydrogen electrodes for alkaline fuel cells 60426
Chongquan Xu *see* Hongxi Zhang 63349
Chongquan Xu *see* Hongxi Zhang 64027

Chongquan Xu *see* Xu Chongquan
Chongxi Feng *see* Jun Yang 95140
Chongxi Feng *see* Feng Chongxi
Chonko, M.A., Khamankar, R., Tiwald, T., Allen, T., Vasquez, B. Measurement of mobile ion contamination in multilayer metallization by triangular voltage sweep 71417
Choo, A.G. *see* Ring, Z. 70111
Choo, C.Y., Cicchetto, B.A., Nasrabadi, N.M. Performance analysis of a vector quantizer with cache memory 95963
Choo, C.Y. *see* Nasrabadi, N.M. 57752
Choo, F.H. *see* Maani, G.G. 100256
Choo, W.K. *see* Nahm, S. 79828
Choo, Y.B., Ahn, J.W., Whang, Y.M. A design method for high efficiency of SRM drive 90554
Choo Ahn Goo *see* Ahn Goo Choo
Choo Chon Lee *see* Seong Il Kim 70006
Choo Chuah Mooi *see* Mooi Choo Chuah
Choo Young-Bae *see* Young-Bae Choo
Choochon Lee *see* Seong-Il Kim 81438
Chooi, K.M. *see* Gong, H. 82164
Chooi, W.L. *see* Ngan, K.N. 74495
Choon Cho Hyun *see* Hyun Choon Cho
Choon-Ho Lee *see* In-Tae Kim 93704
Choon-Saing Jhoun A study on the humidity sensor of selenium thin film 75947
Choong, I. *see* Perry, J.W. 56288
Choong, P. *see* Ravi, K.V. 49763
Choong Gun Oh, Hee Yong Youn On concurrent error location and correction of FFT networks 55305
Choong Han Jae *see* Jae Choong Han
Choong Il Ryu *see* Kwang Kee Lee 64869
Choong Soo Lim, Ki Jang Oh, Dalwoo Kim Noncontact imaging of inner defects by laser-ultrasonics 70202
Choong Wah Chan *see* Chan Choong Wah
Choong Won Kim, Han Baik Hyung, Kim Kyong Suk Simulation of submicron MOSFET using hydrodynamic model 93451
Choong Woong Lee *see* Cheoleun Kwark 67497
Choong Woong Lee *see* Dong Wook Kang 95797
Choong Woong Lee *see* Jong Hwa Lee 66039
Choong Woong Lee *see* Yong Geol Shim 83938
Choong-Ki Kim *see* He-Jun Lee 81192
Choong-Ki Kim *see* Hyun-Kyu Yu 55985
Choong-Ki Kim *see* Jung-Yeal Lee 81860
Choong-Sun Rhee *see* Ito, A. 71825
Choong-Woong Lee *see* Seong-Ik Jang 66063
Choong-Woong Lee *see* Yongman Lee 66062
Chopra, A.K. Impregnated dispenser M-type cathodes for MW tubes — an overview 71041
Chopra, B.J. *see* Lee, Y.S. 99883
Chopra, D.V. Contributions to the existence of arrays with two levels 61110
Chopra, I. *see* Chen, P.C. 88625
Chopra, I. *see* Samak, D.K. 88624
Chopra, S. Comparison of formulations and a heuristic for packing Steiner trees in a graph 91238
Chopra, S. *see* Narayanan, M.M. 87633
Choquette, K.D., Lear, K.L., Leibenguth, R.E., Asom, M.T. Polarization modulation of cruciform vertical-cavity laser diodes 56765
Choquette, K.D., Richie, D.A., Leibenguth, R.E. Temperature dependence of gain-guided vertical-cavity surface emitting laser polarization 50807
Choquette, K.D., Schneider, R.P., Jr., Lott, J.A. Lasing characteristics of visible AlGaInP/AlGaAs vertical-cavity lasers 63857
Choquette, K.D. *see* Chow, W.W. 72830
Choquette, K.D. *see* Hong, M. 81480
Choquette, K.D. *see* Lear, K.L. 83156
Choquette, K.D. *see* Schneider, R.P., Jr. 50823
Chor, B., Gereb-Graus, M., Kushilevitz, E. On the structure of the privacy hierarchy 57373
Chor, B. *see* Beimel, A. 73724
Chor, B. *see* Beimel, A. 83960
Chor, E.F. *see* Chua, S.J. 79861
Choras, R.S. Image coding by morphological skeleton transformation 95676
Chorey, C.M. *see* Javadi, H.H.S. 97217
Chorkin Chan *see* Jianxiong Wu 95350
Chorkin Chan *see* Qiang Huo 95349
Chorkin Chan *see* Qiang Huo 95354
Chornoboy, E.S., Weber, M.E. Variable-PRI processing for meteorologic Doppler radars 65926
Chou, C. Fourier coded-aperture imaging in nuclear medicine 53387
Chou, C. *see* Lam, F. 80752
Chou, C. *see* Lu, S.-T. 53053
Chou, H., Chow, T.H., Wang, K.K., Chau, Z.M., Chen, H.S., Fitzgerald, E.A., Hsu, S.N. Spontaneous patterning in high temperature superconducting film by liquid-gas-solidification processing 72217
Chou, H. *see* Lu, T. 56476
Chou, H.C., Bhat, A.K., Kamra, S., Rohatgi, A. An investigation of photocurrent loss due to reflectance and absorption in CdTe/CdS heterojunction solar cells 90384
Chou, H.C., Bhat, A.K., Kamra, S., Rohatgi, A., Arya, R.R., Russel, L., Ahrenkiel, R.K. The effects of Cd/Te mole ratio in the MOCVD growth ambient on CdTe solar cells 100506
Chou, H.C. *see* Rohatgi, A. 90436
Chou, H.P., Lai, D.T., Hsu, C.I. A CCD based X-ray imaging system for industrial applications 98100
Chou, H.P., Leu, M.C., Cheng, S.Y., Hsu, C.I. Experimental evaluation of channel averaging technique for improving the differential nonlinearity of successive approximation analog to digital converters 88220
Chou, K.-S. *see* Wu, Q.-Z. 74514
Chou, K.C. *see* Digalakis, V.V. 84405
Chou, L.J. *see* Yang, L.C. 100511
Chou, M.C. *see* Lee, T. 100300
Chou, P., Borriello, G. Software scheduling in the co-synthesis of reactive real-time systems 96232
Chou, P.A. *see* Effros, M. 57884
Chou, P.A. *see* Kopec, G.E. 64780
Chou, P.A. *see* Kopec, G.E. 84961
Chou, P.A. *see* Kopec, G.E. 95642
Chou, P.A. *see* Vander Kam, R.A. 95962
Chou, P.C. *see* Tahui Wang 81886
Chou, P.F. *see* Lin, C.T. 93117
Chou, P.J., Jackson, G. Measurement and analysis of transverse beam transfer functions in the Fermilab Main Ring 87704
Chou, Q.B., Kwan, D.Y., Acchione, P.N., Morrow, L.D. Engineering simulation applications at Ontario Hydro 53912
Chou, S.T., Cheng, K.Y. Modulated arsenic molecular-beam epitaxial growth of $In_{0.48}Al_{0.52}As$ 54833
Chou, S.Y. *see* Liu, M.Y. 87172
Chou, S.Y. *see* Wang, Y. 81999
Chou, T., Igarashi, M., Narumiya, Y. Soft magnetic properties of microcrystalline Fe-Al-Si-Ni-Zr-B alloys 71987
Chou, T. *see* Noguchi, K. 71933
Chou, T. *see* Pan, F.-M. 91623
Chou, W. Choice of the RF cavity for the SSC collider 67074
Chou, W., Barts, T. Impedance of a perforated liner and its impact on the SSC Collider 87729
Chou, W., Lee, C.-H., Juang, B.-H., Soong, F.K. A minimum error rate pattern recognition approach to speech recognition 64387
Chou, W., Lee, C.H., Juang, B.H. Minimum error rate training based on N-best string models 84114
Chou, W., Peterson, J. Issues of the transverse feedback systems design at the SSC 76480
Chou, W. *see* Schwitters, R. 87841
Chou, W. *see* Shu, Q.S. 87932
Chou Chan-Shin *see* Chan-Shin Chou
Chou Che-Chung *see* Che-Chung Chou
Chou Chi-Fu *see* Chi-Fu Chou
Chou Chi-Jui *see* Chi-Jui Chou
Chou Ching-Lung *see* Ching-Lung Chou
Chou Gung-Huei *see* Gung-Huei Chou
Chou Hwei-Lan *see* Hwei-Lan Chou
Chou Jih Wen *see* Jih Wen Chou
Chou Jung-Hua *see* Jung-Hua Chou
Chou Kan-Sen *see* Kan-Sen Chou
Chou Lim Chin *see* Chin Chou Lim
Chou Ling-Yao *see* Ling-Yao Chou
Chou Nan-Chi *see* Nan-Chi Chou
Chou Pei-Fen *see* Pei-Fen Chou
Chou Ri-Chee *see* Ri-Chee Chou
Chou Shang-Ching *see* Shang-Ching Chou
Chou Tai-Yu *see* Tai-Yu Chou
Chou Tan-Li *see* Tan-Li Chou
Chou Tsung-Chih *see* Tsung-Chih Chou
Chou Yueh-lin *see* Yueh-lin Chou
Chou Yuh-Fwu *see* Yuh-Fwu Chou
Choube, R. *see* Dixit, S.K. 72947
Chouchane, T. *see* Belhadj, C. 99620
Choudhary, A.N. *see* del Rosario, J.M. 52067
Choudhary, P. *see* Nath, A.K. 72674
Choudhury, A. *see* Winters, E.D. 71006
Choudhury, A.K., Hahne, E.L. Buffer management in a hierarchical shared memory switch 64973
Choudhury, A.K., Hahne, E.L. Space priority management in a shared memory ATM switch 75158
Choudhury, A.K. *see* Brassil, J. 52173
Choudhury, D., Raisanen, A.V., Smith, R.P., Frerking, M.A. Study of the effect of the C_{max}/C_{min} ratio on the performance of back-to-back Barrier-N-N (bbBNN) varactor frequency multipliers 49961
Choudhury, D., Raisanen, A.V., Smith, R.P., Frerking, M.A., Martin, S.C., Liu, J.K. Experimental performance of a back-to-back barrier-$N\text{-}N^+$ varactor tripler at 200 GHz 55392
Choudhury, D., Raisanen, A.V., Smith, R.P., Martin, S.C., Oswald, J.E., Dengler, R.J., Frerking, M.A., Siegel, P.H. Frequency tripler with integrated back-to-back barrier-n-n^+ (bbBNN) varactor diodes in a novel split-waveguide block at 220 GHz 80705
Choudhury, D. *see* Raisanen, A.V. 80706
Choudhury, G.L. *see* Abate, J. 61072
Choudhury, G.L. *see* Lucantoni, D.M. 85284
Choudhury, M.A. *see* Chowdhury, A.H. 100270
Choudhury, P.K. *see* Singh, K.S. 73249
Choudhury, S.R., Jaluria, Y., Vaskopoulos, T., Polymeropoulos, C.E. Forced convective cooling of optical fiber during drawing process 94126
Choudhury, T. *see* Chowdhury, S.P. 99507
Choudhury, T. *see* Chowdhury, S.P. 99771
Chough, K.B., Hong, B.W.-P., Caneau, C., Song, J.I., Jeon, K.I., Hong, S.C., Lee, K. High-performance InP-based HEMT's with a graded pseudomorphic channel 56039
Chough, K.B., Hong, B.W.-P., Caneau, C., Song, J.I., Jeon, K.I., Hong, S.C., Lee, K. High-performance InP-based HEMT's with a graded pseudomorphic channel 93503
Chough, K.B. *see* Song, J.-I. 49968
Chough, K.B. *see* Song, J.-I. 55410
Chough Kyung Bae *see* Kyung Bae Chough
Chouinard, J.-Y. *see* Ferland, G. 75257
Chouinard, J.Y. *see* D'Amours, C. 75190
Choujaa, A. *see* Tirole, N. 98348
Choul Kim Jong *see* Jong Choul Kim
Chouly, A., Brajal, A., Jourdan, S. Orthogonal multicarrier techniques applied to direct sequence spread spectrum CDMA systems 86057
Choumilov, E. *see* Akimov, V. 53300
Choumilov, E. *see* Arefiev, A. 88007
Chouzal, F. *see* Dagues, B. 89947
Chovanec, F., Usak, P., Kokavec, J., Sidorov, V. Quench behaviour of adiabatic NbTi superconducting winding under controlled stress 93994
Chovanec, F. *see* Kokavec, J. 94017
Chovanec, V. *see* Hanak, J. 66110
Chovet, A. *see* Cristoloveanu, S. 71642
Chovet, A. *see* Ionescu, A.M. 93472
Chovet, A. *see* Mathieu, N. 52789
Chovet, A. *see* Tudor, B. 81832
Chow, B. *see* Wijegunaratne, I. 75013
Chow, C., Ng, W.-Y. Fast data-parallel rotation of digital volume images 96112
Chow, C.E. *see* Bicknell, J. 85372
Chow, D. *see* Allen, S.J. 71163
Chow, D. *see* Scott, J.S. 62673
Chow, D.H., Schulman, J.N. Current-controlled negative differential resistance in $InAs/Al_xGa_{1-x}Sb$ tunnel structures 55619
Chow, D.H. *see* Youngdale, E.R. 55599
Chow, D.H. *see* Youngdale, E.R. 62246
Chow, J.H. *see* Gebreselassie, A. 53596
Chow, J.H. *see* Othman, H.A. 68107
Chow, J.H. *see* Taranto, G.N. 89038
Chow, K.H. *see* Kreitzman, S.R. 76852
Chow, L. *see* Moore, W. 52001
Chow, L.A. *see* Bobel, F.G. 54912
Chow, L.A. *see* van Hove, J.M. 55728
Chow, L.A. *see* Van Hove, J.M. 91519
Chow, L.C. *see* Pais, M.R. 91085
Chow, L.M. *see* Yuen, D.C.M. 59918
Chow, P. *see* Bobel, F.G. 79873
Chow, P. *see* Feygin, G. 56069
Chow, P. *see* Feygin, G. 95506
Chow, P.D. *see* Chen, T.H. 80838
Chow, P.D. *see* Lester, J.A. 80788
Chow, P.P. *see* Bobel, F.G. 54912
Chow, P.P. *see* van Hove, J.M. 55728
Chow, P.P. *see* Van Hove, J.M. 91519
Chow, S.W. *see* Hofmann, M. 50845
Chow, T.H. *see* Chou, H. 72217
Chow, T.P., Shen, Z., Pattanayak, D.N., Wildi, E.J., Adler, M.S., Baliga, B.J. Modelling and analysis of current sensors for N-channel, vertical IGBTs 62707
Chow, T.P., Tyagi, R. Wide bandgap compound semiconductors for superior high-voltage power devices 55565
Chow, T.P., Tyagi, R. Wide bandgap compound semiconductors for superior high-voltage unipolar power devices 81171
Chow, T.P. *see* Lakshminarayanan, S. 81565
Chow, T.P. *see* Price, D.T. 54398
Chow, T.P. *see* Shen, Z. 55904
Chow, T.P. *see* Tyagi, R. 71389
Chow, T.W.S., Yam, Y.F. Measurement and evaluation of instantaneous reactive power using neural networks 78248
Chow, W., Torrens, I.M. Managing power plant trace substances emission: an overview 78422
Chow, W.W., Schneider, R.P., Jr., Lott, J.A., Choquette, K.D. Wavelength dependence of the threshold in an InGaP-InAlGaP vertical cavity surface emitting laser 72830
Chow, W.W. *see* Hofmann, M. 83065
Chow, W.W. *see* Tichenor, D.A. 81591
Chow, W.W. *see* Wang, C.A. 50819
Chow, Y.L., Salama, M.M.A. A simplified method for calculating the substation grounding grid resistance 68910
Chow, Y.L. *see* Faraji-Dana, R. 80801
Chow Mo-Yuen *see* Mo-Yuen Chow
Chow Shui-Nee *see* Shui-Nee Chow
Chow-Chong, P. *see* Sudersena Rao, T. 72895
Chowdhary, A. *see* Bhatia, D. 49269
Chowdhury, A.A., Rashed, M.M., Maziar, C.M. A proposed Stark shift electrooptic device operating in visible wavelengths 63490
Chowdhury, A.A. *see* Koval, D.O. 53946
Chowdhury, A.A. *see* Koval, D.O. 67978
Chowdhury, A.A. *see* Koval, D.O. 68349
Chowdhury, A.A. *see* Koval, D.O. 89416
Chowdhury, A.H., Mansoor, A., Choudhury, M.A., Rahman, M.A. On-line improved inverter waveform by variable step delta modulation 100270
Chowdhury, A.H. *see* Mansoor, A. 89235
Chowdhury, D.R., Basu, S., Gupta, I.S., Chaudhuri, P.P. Design of CAECC - cellular automata based error correcting code 64274
Chowdhury, M.F., Clark, A.F., Downton, A.C., Morimatsu, E., Pearson, D.E. A switched model-based coder for video signals 74487

Chowdhury, R. *see* Jagannadham, K. 91465
Chowdhury, R. *see* Narayan, J. 61424
Chowdhury, S., Sohraby, K. Bandwidth allocation algorithms for packet video in ATM networks 64937
Chowdhury, S. *see* El-Zein, A. 94890
Chowdhury, S. *see* Haque, M. 91715
Chowdhury, S. *see* Langhorne, C. 77945
Chowdhury, S. *see* Ming-Kang Liu 75117
Chowdhury, S.P., Chaki, D. Study on comparative performances of distance relays subject to power swings 99772
Chowdhury, S.P., Choudhury, T. Reactive power management for electric power systems 99507
Chowdhury, S.P., Choudhury, T. Computer aided relay coordination for electric power systems 99771
Chowdhury, S.P. *see* Mandal, R. 68080
Chowdhury, S.P. *see* Mukhopadhyay, S. 100130
Chowdhury, S.P. *see* Mukhopadhyay, S.C. 100128
Chowdhury, V. *see* Pramanik, D. 62523
Choy, C.H. *see* Cheah, K.W. 81485
Choy, H.S. *see* Shu, C. 75976
Choy, T.T.C., Ye, J. Circuit model-based analysis of the impedance rheopneumogram 67565
Choy Liew Ah *see* Ah Choy Liew
Chramowicz, J. *see* Andresen, J. 88067
Chran-Ham Chang, Flower, D., Forecast, J., Gray, H., Hawe, B., Nadkarni, A., Ramakrishnan, K.K., Shikarpur, U., Wilde, K. High-performance TCP/IP and UDP/IP networking in DEC OSF/1 for Alpha AXP 85707
Chraplyvy, A.R. *see* Forghieri, F. 75419
Chraplyvy, A.R. *see* Gnauck, A.H. 86313
Chraplyvy, A.R. *see* Marcuse, D. 65839
Chrisafis, C. *see* Kondis, L. 76907
Chrisochoides, N.P. An alternative to data mapping for parallel PDE solvers: parallel grid generation 91388
Chrissis, J.W. *see* Garrambone, M.W. 88930
Chrissoulidis, D.P. *see* Papadopoulos, A.I. 57093
Chrissoulidis, D.P. *see* Perdikouris, A.C. 64202
Christ, J., Landstorfer, F.M. Development of a broadband antenna for a depth radar system 58479
Christakis, A.-M. Large holograms in travelling exhibitions 56962
Christal, P. Making mobile phone features easy 52356
Christen, J. *see* Grundmann, M. 56809
Christen, J. *see* Schnabel, R.F. 54929
Christensen, B.O. Barge mounted diesels add 200 MWe to Mindanao grid 78476
Christensen, C.P. Waveguide excimer laser fabrication of 3D microstructures 62033
Christensen, C.R. *see* McDonald, J.K. 92962
Christensen, C.R. *see* Syllaios, A.J. 92961
Christensen, D., Johansson, T., Petelenz, D. Biosensor development at the University of Utah 66520
Christensen, D.A., Rotge, J., Klemas, A., Loos, G., Merriman, D. Laser diode coherence length variation for balancing fiber optic interferometers 76016
Christensen, D.H. *see* Schaafsma, D.T. 94458
Christensen, E.L., Dich, M. SAR antenna design for ambiguity and multipath suppression 75617
Christensen, E.L. *see* Dall, J. 77678
Christensen, H., Shapiro, L.G. Three-dimensional shape from color photometric stereo 95785
Christensen, H.I. *see* Dickinson, S.J. 84691
Christensen, J. *see* Hanson, H. 88903
Christensen, J.L. The SW-2000. A new Doppler current profiler 99270
Christensen, J.W. Noise figure curves ease the selection of low noise op amps 80156
Christensen, K. *see* Lujan, R. 76715
Christensen, K. *see* Wangler, T.P. 76301
Christensen, K.J., Noel, F.E. Multi-channel token ring, introduction and throughput analysis 65367
Christensen, K.N. *see* Liu, J. 62051
Christensen, L. *see* Fosse, T.V. 97719
Christensen, L. *see* Ross, M. 81680
Christensen, L.H. The insulation acts as part of the voltage measurement system in a new optical voltage transformer for the 132-150 kV-system 90093
Christensen, N.L., Jr. *see* Kasischke, E.S. 77720
Christensen, P. *see* Julius, H.W. 88597
Christensen, T. *see* Nielsen, T.N. 97271
Christenson, G. *see* Chua, C.L. 69925
Christenson, K.K., Smith, S.M., Werho, D. Removing metallic contaminants in an RCA-2 clean as a function of blend ratio and temperature 71327
Christenson, T.R., Guckel, H., Skrobis, K.J., Klein, J. Micromechanics for actuators 78773
Christenson, T.R. *see* Guckel, H. 60262
Christenson, T.R. *see* Guckel, H. 62591
Christenson, T.R. *see* Guckel, H. 81583
Christenson, T.R. *see* Guckel, H. 90046
Christenson, T.R. *see* Guckel, H. 93287
Christer, A.H. The role of maintenance research in industry's future 79222
Christiaens, F., Beyne, E., Berghmans, J. Modelling of thermal vias in thin film multichip modules 91078
Christian, D.C., Berisso, M.C., Gutierrez, G., Holmes, S.D., Wehmann, A., Avilez, C., Felix, J., Moreno, G., Romero, M., Sosa, M., Forbush, M., Huson, F.R., Wightman, J.A., Gara, A., Knapp, B.C., Sippach, W., Hartouni, E.P., Jensen, D.A., Kreisler, M.N., Lee, S., Markianos, K., Wesson, D. High rate drift chambers 59094
Christian, E.R. *see* Hof, M. 67310
Christian, L.A., Jones, K. New Zealand's 1 V Josephson array voltage standard 86845
Christian, T.R., Frank, P.A., Houston, B.H. Real-time analog and digital demodulator for interferometric fiber optic sensors 98065
Christian, W.R. *see* Rosker, M.J. 83401
Christianen, P.C.M., de Bekker, E.J.A., Bluyssen, H.J.A., Hageman, P.R., Leys, M.R. Cooling reduction due to a rapid density decay of hot carriers in GaAs 62189
Christianen, P.C.M., van Hall, P.J., Bluyssen, H.J.A., Wolter, J.H. Ultrafast carrier dynamics at a metal-semiconductor interface studied by femtosecond luminescence spectroscopy 62313
Christianen, P.C.M. *see* Rossin, V.V. 63561
Christiansen, C. FAMOS monitoring center for video signals 86697
Christiansen, C. *see* Smedley, K. 87771
Christiansen, C. *see* Smedley, K. 98434
Christiansen, C.F. *see* Tacconi, E.J. 67154
Christiansen, C.F. *see* Tacconi, E.J. 76835
Christiansen, J., Klingsheim, O., Letheren, M., Marchioro, A., Gomes, P. A micro-pipelined zero suppression, trigger matching and recalibration integrated circuit 76838
Christiansen, J., Ljuslin, C. An integrated high performance fastbus slave interface 70448
Christiansen, J. *see* Ljuslin, C. 88224
Christiansen, P. *see* Jantzen, J. 53397
Christiansen, P.L. *see* Abdullaev, F.K. 56344
Christianson, K.A., Roussos, J.A., Anderson, W.T. Accelerated life testing and failure analysis of single stage MMIC amplifiers 80739
Christianson, M. *see* Burgett, W. 98480
Christianson, M. *see* McInturff, A.D. 76652
Christiansson, L. *see* Swisher, J. 100922
Christie, D. *see* Pritchett, S. 87010
Christie, R., Day, J.D. A method for determining the computational cost of clipping against the image boundaries in a multiprocessing environment 74260
Christie Rich *see* Rich Christie
Christl, N., Lutzelberger, P., Sadek, K. Controlled series compensator for power flow regulation and overcurrent limiting 88948
Christmas, W.J., Kittler, J., Petrou, M. Matching of road segments using probabilistic relaxation: reducing the computational requirements 74385
Christnacher, F., Foyer, H. Automatic sizing of particle holographic images via optical correlation and edge extraction 56942
Christner, J. *see* Hannon, D. 72157
Christoe, C. *see* Brinton, L. 85513
Christofides, C. *see* Othonos, A. 71074
Christofides, N. *see* Sharaiha, Y.M. 95651
Christoph, A. *see* Steinhagen, H. 99188
Christophe, F. *see* Douchin, N. 73355
Christophel, E. *see* von Apeldoorn, G. 88116
Christopher, A.J. *see* Gordon, S.J. 88352
Christopher, T.A. An integrated approach to outages can improve performance [nuclear plants] 53893
Christopoulos, C. *see* Duffy, A.P. 57191
Christopoulos, C. *see* Duffy, A.P. 94886
Christopoulos, C. *see* Flockhart, C. 54266
Christopoulos, C. *see* Fung, K.K. 55055
Christopoulos, C. *see* Herring, J.L. 51155
Christopoulos, C. *see* Hui, S.Y.R. 55058
Christopoulos, C. *see* Hui, S.Y.R. 60304
Christopoulos, C. *see* Johns, D. 57137
Christopoulos, C. *see* Johns, D.P. 51157
Christopoulos, C. *see* Kong, G. 92883
Christopoulos, C. *see* Sobhy, M.I. 49123
Christopoulos, C. *see* Thomas, D.W.P. 73396
Christopoulos, C. *see* Thomas, D.W.P. 99698
Christopoulos, C. *see* Trenkic, V. 57160
Christopoulos, C. *see* Wang, S.-C. 51143
Christopoulos, C.A., Bormams, J., Skodras, A.N., Cornelis, J. Efficient computation of the two dimensional fast cosine transform 69907
Christopoulos, P.C. Transmission line modelling (TLM) for the simulation of circuits and fields 51152
Christopouros, C. *see* Johns, D. 73400
Christou, A. *see* Georgakilas, A. 81272
Christou, A. *see* Guan, L. 50711
Christou, A. *see* Yalamanchili, P. 69570
Christou, A. *see* Young, D. 71437
Christov, I.P., Murnane, M.M., Kapteyn, H.C., Jianping Zhou, Chung-Po Huang Fourth-order dispersion-limited solitary pulses 94382
Christov, I.P. *see* Jianping Zhou 72745
Christova, K.K., Manov, A.H. Mechanical stress and refractive index variation in dry SiO_2 71215
Christy, J.T. *see* Olson, L.D. 89712
Christy, M.R. *see* Biddle, M.B. 54646
Chroboczek, J.A., Granier, A., Plana, R., Graffeuil, J. Si vertical JFET at low temperatures; I-V characteristics and low frequency noise 62882
Chrostowski, J. *see* Barnard, C. 82972
Chrostowski, J. *see* Barnard, C.W. 94123
Chrostowski, J. *see* Chan, L. 94048
Chrostowski, J. *see* MacDonald, R.P. 94226
Chrostowski, J. *see* Paparao, P. 50613
Chrostowski, J. *see* Wartak, M.S. 94611
Chrostowski, J. *see* Xu, C.-L. 50533
Chrostowski, J. *see* Xu, C.L. 82861
Chrys Mendis, F.V., Haldar, N.K., Pang-Shyan Kooi, Jun Wang Intermodulation distortion in semiconductor lasers in application to subcarrier multiplexed fiber optic video systems 86338
Chrysanthou, C., Melton, R.B., Jr., Parente, M. Surge protection for an optical-fiber telecommunication system 75477
Chrysler, G.M., Chu, R.C., Simons, R.E. Jet impingement boiling of a dielectric coolant in narrow gaps 91071
Chrysostomou, A.K. *see* Maurer, D.E. 77791
Chrzan, K. *see* Wankowicz, J. 89323
Chrzan, P.J., Haras, A. Modelling of field oriented induction machine 89925
Chrzanowska-Jeske, M., Shyang-Kuen Her I/O pad assignment for force-directed placement algorithms 82044
Chrzanowska-Jeske, M. *see* Perkowski, M.A. 55251
Chrzanowska-Jeske, M. *see* Perkowski, M.A. 92071
Chrzanowska-Jeske, M. *see* Sarabi, A. 91983
Chu, A., Devine, J.F., Babbitt, H.S., III Miniature low cost DDS single sideband upconverters—packaging options using Si and GaAs ICs 92582
Chu, A. *see* Leung, K. 75694
Chu, C., Lles, P.A. Contact processing methods for production III-V solar cells 100684
Chu, C. *see* Fan, M. 76680
Chu, C. *see* Harame, D.L. 61658
Chu, C. *see* Zhang, T. 66931
Chu, C.-H., Hsueh, Y.-C. Quantisation error curve: a measure of similarity between requantised images 51649
Chu, C.-H.H. Data compression by multiresolution tree search 74043
Chu, C.-L., Chen, J.-F. Self-load bank for UPS testing by circulating current method 68873
Chu, C.-Y.J., Ghafouri-Shiraz, H. Equivalent circuit theory of spontaneous emission power in semiconductor laser optical amplifiers 63852
Chu, C.H. Genetic algorithm search of multiresolution tree with applications in data compression 57606
Chu, C.H., Razi, D.H. On the realization of an α-trimmed mean filter on the threshold decomposition architecture 64622
Chu, C.H. *see* Shy, S.L. 81611
Chu, C.L. *see* Sharps, P.R. 100668
Chu, C.L. *see* Venkatasubramanian, R. 100688
Chu, C.M. *see* Blinov, B.B. 87861
Chu, C.Y.J., Ghafouri-Shiraz, H. Analysis of gain and saturation characteristics of a semiconductor laser optical amplifier using transfer matrices 83131
Chu, C.Y.J. *see* Ghafouri-Shiraz, H. 56802
Chu, D. *see* Knotts, T.A. 92324
Chu, D.Y. *see* Mee Koy Chin 72726
Chu, E. *see* Leung, K. 75694
Chu, F. *see* Tang, D.D. 72111
Chu, H.-Y. *see* Jou, H.-L. 53672
Chu, H.Y., Park, P.W., Kim, G.O., Choi, Y.W., Han, S.G. A study on the current-voltage characteristics of resonant tunneling diodes under illumination 71585
Chu, J. *see* Dowd, P.W. 50625
Chu, J.O. *see* Ismail, K. 79892
Chu, J.O. *see* Li, P.W. 93385
Chu, K. *see* Shin, S. 86375
Chu, K.C., Rutt, B.K. Quadrupole gradient coil design and optimization: a printed circuit board approach 76965
Chu, K.H. *see* Lai, L.L. 100079
Chu, K.R. *see* Wang, Q.S. 62123
Chu, K.U. *see* Lee, S.W. 63610
Chu, M., Terterian, S., Gurgenian, H.K., Liu, Y.-Z., Wang, C.C., Kennedy, J.J. Commercialization of LPE HgCdTe material, detectors, and arrays 91528
Chu, M.T., Chan, C.F. Subband ADPCM coding for wideband audio signals using analysis-by-synthesis quantization scheme 95227
Chu, P. *see* Arkwright, J. 56910
Chu, P. *see* Hafizi, M. 92618
Chu, P.K., Hockett, R.S. New ways to characterize thin films 82023
Chu, P.L., Malomed, B.A., Peng, G.D., Skinner, I.M. Soliton dynamics in periodically modulated directional couplers 63994
Chu, P.L. *see* Hatami-Hanza, H. 50522
Chu, P.L. *see* Hatami-Hanza, H. 50924
Chu, P.L. *see* Hatami-Hanza, H. 51196
Chu, P.L. *see* Peng, G.D. 50480
Chu, P.L. *see* Peng, G.D. 50496
Chu, P.L. *see* Weiping Zhang 72754
Chu, P.L. *see* Wu, B. 82992
Chu, P.L. *see* Xing Ma 87266
Chu, R.C., Simons, R.E. Cooling technology for high performance computers: design applications 79403

Chu, R.C., Simons, R.E. Cooling technology for high performance computers: IBM sponsored university research 79404
Chu, R.C. *see* Chrysler, G.M. 91071
Chu, R.F., Jin-Cheng Wang, Hsiao-Dong Chiang Strategic planning of LC compensators in non-sinusoidal distribution systems 78089
Chu, R.F., Kan-Lee Liou, Chen-Ching Liu, Cauley, G.W. Development of tie line module for the EPRI Restoration Expert system (RES) 68147
Chu, S. *see* Hovel, H. 93638
Chu, S. *see* Ramanathan, K. 100503
Chu, S. *see* Shahidi, G.G. 71797
Chu, S.F. *see* Sadana, D.K. 93637
Chu, S.L.G. *see* Schindler, M.J. 80844
Chu, S.N.G. *see* Chand, M. 63775
Chu, S.N.G. *see* Grober, L.H. 54838
Chu, S.N.G. *see* Hong, M. 81480
Chu, S.N.G. *see* Hou, H.Q. 55598
Chu, S.N.G. *see* Hull, R. 83124
Chu, S.N.G. *see* Ren, F. 93351
Chu, S.N.G. *see* Tsang, W.T. 72855
Chu, S.S. *see* Ahrenkiel, R.K. 60470
Chu, S.T. *see* Xu, C.L. 82861
Chu, T.L. *see* Ahrenkiel, R.K. 60470
Chu, T.L. *see* Ramanathan, K. 100503
Chu, T.Y. *see* Lin, C.-H. 50187
Chu, V. *see* Shen, D.S. 62202
Chu, W., Foster, K.W., Shirey, L.M., Rhee, K.W., Kosakowski, J., Isaacson, I.P., McCarthy, D., Eddy, C.R., Jr., Dobisz, E.A., Marrian, C.R.K., Peckerar, M.C. Reactive ion etching of high-aspect-ratio 100 nm linewidth features in tungsten 49927
Chu, W. *see* Dobisz, E.A. 81599
Chu, W. *see* Shirey, L.M. 81598
Chu, W.K. *see* Al-Bayati, A.H. 79961
Chu, Y.-S. *see* Lin, R.-J. 58108
Chu Cheng-Wei *see* Cheng-Wei Chu
Chu Ching-Lung *see* Ching-Lung Chu
Chu Chyi-Hwa *see* Chyi-Hwa Chu
Chu De-Lin, Hu Xian-Cheng The domain decomposition method for solving second order elliptic partial differential equations with finite difference scheme 79713
Chu Fangjie *see* Zhou Shaoying 89802
Chu Hon-Wai *see* Hon-Wai Chu
Chu Hong *see* Hong Chu
Chu Junhao *see* Liu Kun 71241
Chu Kwang Uk *see* Kwang Uk Chu
Chu Lon *see* Lon Chu
Chu Pong *see* Pong Chu
Chu Qing *see* Fu Haifan 68120
Chu Rui Chang *see* Raparia, D. 87806
Chu Sheng-Yuan *see* Sheng-Yuan Chu
Chu Shik Jhon *see* Jae Hwang Lee 91767
Chu Shik Jhon *see* Sung Tae Jung 80219
Chu Shik Kang, Do Il Chang, Hong Jin Kong Design, fabrication and testing of active liquid crystal waveplate 72478
Chu Tah-Hsiung *see* Tah-Hsiung Chu
Chu Tai-Po *see* Tai-Po Chu
Chu Wei-Shang *see* Wei-Shang Chu
Chu Wen-Chen *see* Wen-Chen Chu
Chu Yen-Hsyang *see* Yen-Hsyang Chu
Chu-Hua Kuei, Madu, C.N. Sequential experimentation and multilevel Taguchi designs in simulation metamodeling of a maintenance float problem 54418
Chua, C.L., Hsu, W.Y., Lin, C.H., Christenson, G., Lo, Y.H. Overcoming the pseudomorphic critical thickness limit using compliant substrates 69925
Chua, C.L. *see* Lin, C.H. 63843
Chua, H.Y. *see* Yeo, S.H. 79371
Chua, K.C., Liu, D.X., Lye, K.M. Throughput performance of ICMA with capture 97133
Chua, K.C. *see* Guo, S. 65331
Chua, L.O. Chua's circuit 10 years later 70796
Chua, L.O. Chua's circuit: an overview ten years later 92357
Chua, L.O. *see* Anishchenko, V.S. 61596
Chua, L.O. *see* Chai Wah Wu 73975
Chua, L.O. *see* Itoh, M. 73586
Chua, L.O. *see* Kapitaniak, T. 61447
Chua, L.O. *see* Kapitaniak, T. 61500
Chua, L.O. *see* Kapitaniak, T. 70268
Chua, L.O. *see* Murali, K. 70266
Chua, S.J., Lim, N., Chor, E.F. Molecular beam epitaxial growth of AlInGaAs and applications in optoelectronic devices 79861
Chua, S.J. *see* Sheng, H.Y. 81278
Chua Soo-Jin *see* Soo-Jin Chua
Chua Wei Kai *see* Wei Kai Chua
Chuag Shui-Kung *see* Shui-Kung Chuag
Chuah, H.T., Chong, T.O. Retrieval of soil moisture content from radar backscatter coefficients 77302
Chuah Mooi Choo *see* Mooi Choo Chuah
Chuan Chun-Hsiung *see* Chun-Hsiung Chuan
Chuan Hsu Yen *see* Yen Chuan Hsu
Chuan Kuan Yew *see* Yew Chuan Kuan
Chuan Lin *see* Al-Haddad, M.N. 88252
Chuan Pang Siam *see* Pang Siam Chuan
Chuan Wang *see* Wang Chuan
Chuan-Fu Lin *see* Zao-Cheng Zhai 58978
Chuan-Li Liu *see* Boerner, W.-M. 77211
Chuan-Ming Chang *see* Jyh-Feng Lin 72624
Chuan-Ming Chang *see* Jyh-Feng Lin 94292
Chuan-Ming Li, Tzonelih Hwang, Narn-Yih Lee Remark on the threshold RSA signature scheme 83957
Chuan-Shen Liu *see* Tzong-Yih Guo 60128
Chuanchen Sun *see* Sun Chuanchen
Chuanfu Meng *see* Meng Chuanfu
Chuang, C.-C. *see* Chang-Liao, K.-S. 81375
Chuang, C.H. *see* Splinter, R. 67463
Chuang, C.T., Chin, K. High-speed low-power direct-coupled complementary push-pull ECL circuit 70361
Chuang, C.T. *see* Warnock, J. 71771
Chuang, C.T. *see* Wu, B.S. 61656
Chuang, H. *see* Kuo, S.M. 75131
Chuang, H.-R. Human operator coupling effects on radiation characteristics of a portable communication dipole antenna 58346
Chuang, H.L. *see* Soyuer, M. 70316
Chuang, I. *see* Huang, A. 82779
Chuang, I. *see* Yamamoto, Y. 83896
Chuang, J.C.-I. Autonomous time synchronization among radio ports in wireless personal communications 52405
Chuang, J.C.-I., Sollenberger, N.R. Uplink power control for TDMA portable radio channels 52406
Chuang, J.C.-I., Sollenberger, N.R. Performance of autonomous dynamic channel assignment and power control for TDMA/FDMA wireless access 97053
Chuang, J.C.-I., Sollenberger, N.R., Cox, D.C. A pilot-based dynamic channel assignment scheme for wireless access TDMA/FDMA systems 65633
Chuang, J.C.-I. *see* Afrashteh, A. 52403
Chuang, S.L., Doubek, S.E., Haines, R.F. Bandwidth characteristics of multimedia data traffic on a local area network 97204
Chuang, W. *see* Lee, T. 49399
Chuang, Y.C. *see* Liu Wei 82256
Chuang, Y.H. *see* Kwon, H.M. 86300
Chuang Ching-Hua *see* Ching-Hua Chuang
Chuang Chun-Hsiung *see* Chun-Hsiung Chuang
Chuang Shun Lien *see* Shun Lien Chuang
Chuang Weitong *see* Weitong Chuang
Chuang Yung-Ho *see* Yung-Ho Chuang
Chuang-Chun Liu, Narayan, P. Order estimation and sequential universal data compression of a hidden Markov source by the method of mixtures 95429
Chuangtian Chen *see* Chen Chuangtian
Chuankun Wu *see* Wu Chuankun
Chuanming Wang *see* Hassoun, M.H. 98916
Chuanming Wang *see* Hassoun, M.H. 98917
Chuaqui, H., Favre, M., Soto, L., Wyndham, E. Observations of the vacuum spark under different conditions of operation 62037
Chubachi, H., Okuzono, Y., Ono, H. Development of electronic compass watch using magnetoresistive device 80411
Chubachi, N. *see* Kadota, M. 82218
Chubachi, N. *see* Kamimura, K. 67935
Chubachi, N. *see* Kanai, H. 53370
Chubachi, N. *see* Kanai, H. 74072
Chubachi, N. *see* Kim, M.J. 67934
Chubachi, N. *see* Kitamura, T. 71884
Chubachi, N. *see* Ono, Y. 94062
Chubachi, N. *see* Satoh, H. 53381
Chubar, O.V. Determining the effective emittances of the beam in an electron storage ring using edge emission 76426
Chubar, O.V. Resolution improvement in beam profile measurements with synchrotron light 76615
Chubar, O.V., Masunov, E.S. Electron beam diagnostics by means of edge radiation 76605
Chubar, O.V., Smolyakov, N.V. Generation of intensive long-wavelength edge radiation in high-energy electron storage rings 64099
Chubarov, O.V. *see* Shvedunov, V.I. 76343
Chubb, S.R. Sun-induced variations in time in the Global Positioning System 87563
Chubb, S.R. *see* Jansen, R.W. 77427
Chuberre, H., Fuchs, J.-J. A deconvolution approach to source localization 74102
Chuberre, H. *see* Fuchs, J.-J. 64493
Chuboy, H.L. *see* Krefta, M.P. 87679
Chuboy, H.L. *see* Singh, S.K. 90055
Chudinov, A. *see* Strigin, M. 90952
Chudley, J. *see* Atkinson, H.L. 52662
Chueiri, I. *see* Lujan, A.S. 56011
Chuen-Cherng Chen, Ta-Kang Ku, Jhing-Fa Wang, Jau-Yien Lee An adaptive implementation of the MPEG encoder 86721
Chuen-Den Tseng *see* Jiunn-Lee Lin 77038
Chufang Xie *see* Xie Chufang
Chugai, O.N. *see* Zagoruiko, Yu.A. 56848
Chugg, A.M. Ionising radiation effects: a vital issue for semiconductor electronics 62619
Chugo, A., Sakagawa, K., Nakamura, T., Ogawa, J. Broadband communication network architecture for distributed computing environments 52119
Chugreev, V.A. *see* Efremov, A. 53158
Chugun, T. *see* Mitsui, H. 76464
Chugunov, A.V. *see* Krasnikov, V.V. 59374
Chugunov, V.A. *see* Salamatin, A.N. 79433
Chui, A., Li, K.K., Lau, P.K. Traction energy management in KCR 60556
Chui, C.K. Oversampled frame algorithms for real-time wavelet and wavelet packet frame decompositions and reconstructions 74041
Chui, C.K., Hong, D., Shun-Tang Wu On the degree of multivariate Bernstein polynomial operators 69819
Chui, C.K., Li, C. A general framework of multivariate wavelets with duals 95501
Chui, C.K., Shi, X., Chan, A.K. An oversampled frame algorithm for real-time implementation and applications 57586
Chui, C.K. *see* Ainsleigh, P.L. 80467
Chui, C.K. *see* Blanchard, A.J. 67789
Chui, C.K. *see* Chen, J.J. 62233
Chui, C.K. *see* Cheung, A. 95631
Chui, C.K. *see* Koc, C.K. 74013
Chui, C.K. *see* Lee, H.J. 57585
Chui, D. *see* Laughton, M.A. 59752
Chui, H.C., Harris, J.S., Jr. Growth studies on $In_{0.5}Ga_{0.5}As/AlGaAs$ quantum wells grown on GaAs with a linearly graded InGaAs buffer 54834
Chui, H.C., Martinet, E.L., Woods, G.L., Fejer, M.M., Harris, J.S., Jr., Rella, C.A., Richman, B.I., Schwettman, H.A. Doubly resonant second harmonic generation of 2.0 μm light in coupled InGaAs/AlAs quantum wells 63993
Chui, H.C. *see* Knall, J. 81300
Chui, H.C. *see* Martinet, E.L. 94604
Chui, J.S. *see* Yang, S.M. 83217
Chui, K.-T.A. *see* McKinney, D.L. 55286
Chui, S.-P. *see* Chan, C.-F. 95323
Chui, S.P., Chan, C.F. Low delay CELP coding at 8 kbps using classified voiced and unvoiced excitation codebooks 95330
Chui, S.T. *see* Pudalov, V.M. 62328
Chui, T.C.P. *see* Wei-Tou Ni 50432
Chui Gi Ko *see* Si Bum Kim 62989
Chuiko, V.A. *see* Veiko, V.P. 50544
Chujo, W. *see* Chiba, I. 51262
Chujo, W. *see* Konishi, Y. 64245
Chujo, W. *see* Murakami, Y. 94974
Chujo, W. *see* Takeuchi, K. 83814
Chujo, Y. *see* Masuda, K. 98311
Chukhlantsev, A.A. *see* Tishchenko, J.G. 77512
Chukina, Ye.A. *see* Nemtsev, I.Z. 77039
Chukurov, D. *see* Afrashteh, A. 52403
Chul An *see* Byoung Ju Lee 71683
Chul An *see* Yong Seo Koo 71609
Chul Gi Ko *see* Sung Bo Hwang 71426
Chul Kang Hyun *see* Hyun Chul Kang
Chul Kil Jong *see* Jong Chul Kil
Chul Kim Byung *see* Byung Chul Kim
Chul Lee Young *see* Young Chul Lee
Chul Park Dong *see* Dong Chul Park
Chul Park Jong *see* Jong Chul Park
Chul Song Jai *see* Jai Chul Song
Chul Un Yi *see* Ki Sig Kang 68387
Chul Yoon Seung *see* Seung Chul Yoon
Chul Youn *see* Heung Sik Kim 93233
Chul-Hi Han *see* He-Jun Lee 81192
Chul-Hi Han *see* Jung-Yeal Lee 81860
Chul-Kyu Kim, Dae-Woo Choi, Hong-Shik Park On the design and implementation of an ATM traffic emulator 85906
Chul-Seung Lee *see* Hung-Eil Kim 71460
Chul-Seung Lee *see* Young-Mog Ham 82085
Chuldong Oh *see* Hyunsik Jang 70455
Chulhun Seo Finite element analysis of two-layer three-coupled microstrip lines on anisotropic substrates 80549
Chulhun Seo Finite difference time domain analysis of two-layer multi-coupled microstrip lines on anisotropic substrates 83760
Chulshik Yoon *see* Kwang Yong Kang 92494
Chulshik Yoon *see* Sang Yeol Lee 94035
Chultem, D., Damdinsuren, Ts., Enkh-Gin, L., Lomova, L., Perelygin, V., Tolstov, K. The space distribution of neutrons generated in massive lead target by relativistic nuclear beam 88174
Chulyaeva, E.G. *see* Vlasov, A.N. 72704
Chum, K.W.K. *see* Greason, W.D. 56078
Chumaevskaya, G.G. *see* Meschanov, V.P. 61887
Chumak, G.M., Grigor'yan, G.M., Zhizhin, G.V. Closed-cycle subsonic CO laser with long lifetime 82945
Chumak, V.V. *see* Ozerov, V.I. 54228
Chumakov, A.G., Kisil, A.V., Kovalenko, A.V., Kurashov, V.N., Nakhodkin, N.G., Podanchuk, D.V. Optoelectronic system of digital holographical image processing 64618
Chumakov, A.G., Kurashov, V.N. Karhunen-Loeve basis synthesis for grate capacity signal performance in optical processors 64619
Chumichev, V.N. Mechanical characteristics of crane electric motors and maximum range of rotor-speed regulation in dynamic braking with mixed excitation 79070
Chun, D., Wolf, J.K. Special hardware for computing the probability of undetected error for certain binary CRC codes and test results 95212
Chun, D. *see* Wolf, J.K. 51323
Chun, H.S., Park, G.P., Lim, J.H., Kim, K., Lee, J.K., Moon, K.H., Youn, J.H. Pack aluminization of nickel anode for molten carbonate fuel cells 60434
Chun, H.S. *see* Zen, H. 86788
Chun, J.H. *see* Grace, K.W. 53443

Chun, J.S. *see* Cho, C.-H. 80587
Chun, K.W., Ra, J.B. An improved block matching algorithm based on successive refinement of motion vector candidates 64832
Chun, K.W., Ra, J.B. Tree-structured residual vector quantisation with constrained storage for image coding 95656
Chun, S.K. *see* Carns, T.K. 71138
Chun, S.K. *see* Gamani Karunasiri, R.P. 58756
Chun, W.H., Jochem, T.M. Unmanned ground vehicle demo II: demonstration A 88899
Chun Byoung Tae *see* Byoung Tae Chun
Chun Byung Sik *see* Byung Sik Chun
Chun Fai Chan, Ka-Ngo Leung Low-energy H^- injector design for SSC RFQ 76422
Chun Hsiung Chen *see* Jeng-Yi Ke 83800
Chun In Gook *see* In Gook Chun
Chun Jeon Byung *see* Byung Chun Jeon
Chun Keun Kim *see* Seong-Il Kim 81438
Chun Kim Sung *see* Kim Sung Chun
Chun Kin Chan, Boulanger, M., Tortorella, M. Analysis of parameter-degradation data using life-data analysis programs 54640
Chun Kuk Jin *see* Kuk Jin Chun
Chun Li *see* Li Chun
Chun Loo, Hayes, E.J. Double-hop on board signal processing using Olympus 75374
Chun Sang Kook *see* Sang Kook Chun
Chun Shi Wan *see* Shi Wan Chun
Chun Sik Lee *see* Gwi-Nam Bae 81405
Chun Soung Soon *see* Soung Soon Chun
Chun Sum Ng, Tjeng Thiang Tjhung, Adachi, F. Effects of non-matched receiver filters on $\pi/4$-DQPSK bit error rate in Rayleigh fading 97131
Chun Sum Ng, Tjeng Thiang Tjhung, Fumiyuki Adachi, Kin Mun Lye Comparison of conventional and $\pi/4$-DQPSK in Rayleigh fading and Gaussian noise 73595
Chun Wang *see* Yundian Zhang 99382
Chun Ye, Sundstrom, M.O., Remes, K. Microscopic transmission ellipsometry: measurement of the fibril angle and the relative phase retardation of single, intact wood pulp fibers 98307
Chun Yun Chang *see* Jih Wen Chou 81855
Chun Yun Chang *see* Tien Sheng Chao 55672
Chun Zhang, Yuejian Wu, Ivanov, A. On fault coverage in VLSI built-in self-test with multiple intermediate signature analysis 80310
Chun-Bo Lin *see* Chau-Shioung Yeh 83753
Chun-Chang Liu *see* Chung-Ming Young 90678
Chun-Chang Liu *see* Shun Lee 54008
Chun-Chang Liu *see* Shun Lee 88989
Chun-Chang Liu *see* Ying-Tung Hsiao 53714
Chun-Chang Liu *see* Yung-Chung Chang 88947
Chun-Chuan Yang, Jau-Hsiung Huang A real-time synchronization model and transport protocol for multimedia applications 65045
Chun-Chung Liu *see* Yuan-Lin Chen 68154
Chun-Fan Wong *see* Childers, D.G. 73779
Chun-Gang Wang *see* Wang Chun-Gang
Chun-Geun Park *see* Seong-Ju Kim 55839
Chun-Han Chen, Yen-Ching Yu, Jinn-Kwei Guo, Chin-Hsing Chen, Yung-Nein Sun, Yu, C.I. 3-D cerebral vessel reconstruction from angiograms 98809
Chun-Hsien Chen *see* Ching-Chir Shyur 86434
Chun-Hsien Lin *see* Yen-Hsyang Chu 99183
Chun-Hsiung Chen *see* Ming-Hua Mao 70815
Chun-Hsiung Chuan, Kuo, C.-C.J. Contour metamorphosis using the wavelet descriptor 64667
Chun-Hsiung Chuang, Kuo, C.-C.J. Contour metamorphosis in space and scale domains using the wavelet descriptor 57848
Chun-Hung Chen *see* Ming-Ta Yang 81940
Chun-Hung Chen *see* Shi-Chung Chang 68483
Chun-Hung Lai, Tseung-Yuen Tseng Analysis of the AC electrical response for $(Ba,Pb)TiO_3$ positive temperature coefficient ceramics 61423
Chun-Jen Weng *see* Chih-Hsiang Lin 56432
Chun-Jung Chen, Wu-Shiung Feng Transient sensitivity computations of MOSFET circuits using iterated timing analysis and selective-tracing waveform relaxation 91712
Chun-Kan Hou, Sanboh Lee Effect of rolling strain on the loss separation and permeability of lamination steels 72001
Chun-Lin Chen *see* Ching-Fa Yeh 55960
Chun-Lin Chen *see* Ching-Fa Yeh 61331
Chun-Ling Yang, Yokoyama, A., Sekine, Y. Fault section estimation of power system using colored and timed Petri nets 60018
Chun-Meng Wu *see* Guangwen Zhang 65772
Chun-ming Zhang *see* Zhang Chun-ming
Chun-Neng Shen *see* Shen Chun-Neng
Chun-Sheng Chien *see* Shih-Jen Wang 60075
Chun-Shi Chang *see* Sidhu, D.P. 74713
Chun-Shin Yeh *see* Jen-Dau Lin 98039
Chun-shin Yeh *see* Jen-Dau Lin 98380
Chun-Ta Chen, Liang-Gee Chen, Tzi-Dar Chiueh, Jue-Hsuan Hsiao An efficient pipelined VLSI implementation of rank order filter 92417
Chun-Wei Lin *see* Shoh-Dohji, T. 69285
Chun-Xi Wang, Schlueter, R. Optimization of circularly-polarized radiation from an elliptical wiggler, asymmetric wiggler, or bending magnet 87742
Chun-Xi Wang, Schlueter, R., Hoyer, E., Heimann, P. Design of the Advanced Light Source elliptical wiggler 87737
Chun-Yen Chang *see* Chang-Cherng Wu 79893
Chun-Yen Chang *see* Horng-Chih Lin 79942
Chun-Yen Chang *see* Horng-Chih Lin 81437
Chun-Yen Chang *see* Janne-Wha Wu 69958
Chun-Yen Chang *see* Jyh-Kuang Lin 63013
Chun-Yen Chang *see* Kao-Feng Yarn 81799
Chun-Yen Chang *see* Kun-Chuan Lin 81338
Chun-Yen Chang *see* Shih-Hsiung Chan 91532
Chun-Yen Chang *see* Tean-Sen Jen 63597
Chun-Yen Chang *see* Tean-Sen Jen 71706
Chun-Yen Chang *see* Tean-Sen Jen 94282
Chun-Yen Chang *see* Tsyr-Shyang Liou 92981
Chun-Yen Chang *see* Yih-Feng Chyan 55897
Chun-Yen Chang *see* Yih-Feng Chyan 55898
Chun-Yen Chang *see* Yih-Feng Chyan 55908
Chun-Yen Chang *see* Yih-Feng Chyan 62683
Chun-Yi Liao *see* Lin-Shan Lee 95300
Chun-Yi Su, Stepanenko, Y. Guaranteed stability based control of robot manipulators incorporating motor dynamics 90334
Chun-Yi Zhu *see* Zhu Chun-Yi
Chun-Yu Chen *see* French, M.L. 80327
Chun-Yu Liang *see* Liang Chun-Yu
Chunchi Ma, Woei-Yun Ho, Walser, R.M., Becker, M.F. Transient laser-induced surface deformation of Si-based multilayer structures 62339
Chundong Hu *see* Hu Chundong
Chundru, R. *see* Jerath, M.R. 59399
Chunfang Xu *see* Xu Chunfang
Chunfei Li, Lei Zhang, Ruibo Wang, Yinling Song, Ywiao Wang Dynamics of reverse saturable absorption and all-optical switching in C_{60} 83250
Chunfei Li *see* Jinhai Si 63948
Chunfei Li *see* Jinhai Si 73023
Chunfei Li *see* Wenlu Wang 56489
Chung, A. *see* He, B. 67544
Chung, A. *see* Sidhu, D.P. 74713
Chung, C. *see* Khotanzad, A. 57916
Chung, C.-D. Generalised likelihood-ratio detection of multiple-hop frequency-hopping signals 52315
Chung, C.-J.F., Peng Gong, Rencz, A.N., Schau, M. Geological mapping in Melville Peninsula, Northwest Territories, Canada using multisource remote sensing and geophysical data 77227
Chung, C.-J.F. *see* Kouda, R. 77241
Chung, C.D. *see* Liaw, H.-S. 95148
Chung, C.H. *see* Hwang, J.-S. 69991
Chung, C.H. *see* Lee, C.D. 69992
Chung, C.K. *see* Yao, T. 71278
Chung, D.D.L. *see* Lin Li 70176
Chung, D.D.L. *see* Mingguang Zhu 71419
Chung, D.D.L. *see* Mingguang Zhu 82012
Chung, F.R.K. Several generalizations of Weil sums 91272
Chung, F.R.K., Mumford, D. Chordal completions of planar graphs 79599
Chung, H., Un, C.K., Jung, W.Y. Performance analysis of Markovian polling systems with single buffers 52142
Chung, H. *see* Cheong, S.V. 68848
Chung, H.-M.M. Risk, security, and policy considerations in the use of computer and communications technology in financial management 85487
Chung, H.-M.M., Tan, T.E. Business, legal, and technical implications of the proliferation of global data communication network 85411
Chung, H.D. *see* Wang, S.J. 62875
Chung, H.S.-H., Ioinovici, A. Fast computer-aided simulation of switching power regulators based on progressive analysis of the switches' state 55137
Chung, I.H. *see* Hwang, J.-S. 69991
Chung, J. *see* Allen, L.P. 93559
Chung, J. *see* Su, L.T. 62749
Chung, J.-Y. *see* Cheng, T. 74703
Chung, J.E. *see* Fang, H. 63006
Chung, J.E. *see* Faynot, O. 93478
Chung, J.E. *see* Hang Hu 93388
Chung, J.E. *see* Jee-Hoon Yap 93080
Chung, J.E. *see* Sherony, M.J. 93469
Chung, J.E. *see* Su, L.T. 55993
Chung, J.E. *see* Su, L.T. 62815
Chung, J.E. *see* Su, L.T. 62816
Chung, J.E. *see* Su, L.T. 81910
Chung, J.E. *see* Su, L.T. 81911
Chung, J.E. *see* Su, L.T. 93443
Chung, J.E. *see* Su, L.T. 93466
Chung, J.E. *see* Vei-Han Chan 93412
Chung, J.E. *see* Wei, H.F. 93444
Chung, J.H. *see* Park, J.H. 71407
Chung, K., Devereaux, T., Monti, C., Min Yan, Mescia, N. Z-axis conductive adhesives as solder replacement 81047
Chung, K.-S. *see* Kim, T. 49226
Chung, K.H. *see* Cho, Y.S. 67021
Chung, M. *see* Baumbaugh, B. 59149
Chung, M.S., Cutler, P.H., Miskovsky, N.M., Sullivan, T.E. Energy exchange processes in electron emission at high fields and temperatures 62053
Chung, M.Y. *see* Roh, S.K. 64990
Chung, P.S. *see* Guanchang Jin 87512
Chung, P.Y. *see* Navarro, E.A. 94897
Chung, R., Ying-ngai Wang Recovery of the relative viewing distance of two views of an object under weak perspective projection 95927
Chung, R. *see* Gaitan, M. 66616
Chung, R.J. *see* Preil, M.E. 71514
Chung, S.K. *see* Cho, K.Y. 100098
Chung, S.M. *see* Kim, H.K. 55040
Chung, S.S.-S. *see* Jyh-Chyurn Guo 71660
Chung, S.S.-S. *see* Jyh-Chyurn Guo 93370
Chung, S.S.-S. *see* Tahui Wang 81886
Chung, T., Carter, C.R., Reel, R., Tharmabala, T., Wood, D. Impulse radar signatures of selected bridge deck structures 86593
Chung, T. *see* Chang, J. 90974
Chung, T. *see* Vrckovnik, G. 86535
Chung, T.-S. *see* Robinson, M.E. 91920
Chung, T.S., Fang Da-Zhong A new method of fast assessment of transient stability margins 59684
Chung, T.S., Fang Da-Zhong Fast transient stability assessment using efficient stopping criteria for post-fault trajectory simulation 99469
Chung, T.S., Fang Da-Zhong Stability criteria for trajectory simulation in transient stability assessment 99518
Chung, T.S. *see* Fang Da-Zhong 59744
Chung, T.S. *see* Fang Da-Zhong 77848
Chung, T.S. *see* Zhang, Y. 59830
Chung, T.Y., Cho, T.J., Kim, Y.G. The effects of descaling treatments on intermetallic formation and thermomechanical stability of an electroplated tin/lead layer in a semiconductor lead-frame alloy 91001
Chung, U.I. *see* Yoon, J.Y. 70485
Chung, W.C., Smith, M.J.T. Spatially-varying IIR filter banks for image coding 85054
Chung, W.C. *see* Kossentini, F. 95861
Chung, W.C. *see* Kossentini, F. 95957
Chung, Y. Beam position feedback system for the Advanced Photon Source 98413
Chung, Y. Beam position feedback system for the Advanced Photon Source 98446
Chung, Y., Decker, G., Evans, K., Jr. Measurement of beta-function and phase using the response matrix 66897
Chung, Y., Decker, G., Evans, K., Jr. Closed orbit correction using singular value decomposition of the response matrix 76474
Chung, Y., Decker, G., Evans, K., Jr., Safranek, J., So, I., Tang, Y., Corbett, W.J., Hettel, R. Global DC closed orbit correction experiments on the NSLS X-ray ring and SPEAR 76478
Chung, Y., Decker, G., Kahana, E., Lenkszus, F., Lumpkin, A., Sellyey, W. Beam position monitor calibration for the Advanced Photon Source 76488
Chung, Y., Emery, L., Kirchman, J. Compensation for the effect of vacuum chamber eddy current by digital signal processing for closed orbit feedback 76475
Chung, Y. *see* Kahana, E. 98459
Chung, Y. *see* Lumpkin, A.N. 76436
Chung, Y.C., Jichai Jeong, Cheng, L.S. Aging-induced wavelength shifts in 1.5-μm DFB lasers 72919
Chung, Y.C., Lee, J.S., Derosier, R.M., DiGiovanni, D.J. 1.7 Gbit/s transmission over 165 km of dispersion-shifted fibre using spectrum-sliced fibre amplifier light source 86345
Chung, Y.C. *see* Lee, J.S. 86369
Chung, Y.C. *see* Lee, J.S. 94412
Chung, Y.L., Spiewak, S.A. A model of high performance dynamometer 87101
Chung Beijing *see* Egorova, L.E. 89629
Chung Chan *see* Browning, J. 62112
Chung Chan *see* MacGregor, R. 81137
Chung Chan *see* Shu Qin 62393
Chung Cheol *see* Cheol Chung
Chung Chia-Lung *see* Chia-Lung Chung
Chung Chii-Jen *see* Chii-Jen Chung
Chung Dohyoung *see* Dohyoung Chung
Chung Dong Hwa *see* Dong Hwa Chung
Chung Gil Yong *see* Gil Yong Chung
Chung Hai Bin *see* Hai Bin Chung
Chung Hak-yeong *see* Hak-yeong Chung
Chung Hong Kyu *see* Hong Kyu Chung
Chung Hung Yao *see* Yao Chung Hung
chung Hwa Ja *see* Hwa Ja chung
Chung Hwaja *see* Jung Gihyun 91174
Chung Hyung-Sik *see* Hyung-Sik Chung
Chung Jae *see* Jae Chung
Chung Jaekyung *see* Jaekyung Chung
Chung Jin-Gyun *see* Jin-Gyun Chung
Chung Jin-Kyo *see* Jin-Kyo Chung
Chung Jun Yong *see* Jun Yong Chung
Chung Keewook *see* Keewook Chung
Chung Kie Hyung *see* Kie Hyung Chung
Chung Len Lee *see* Chien Kuo Yang 93378
Chung Len Lee *see* Horng Nan Chern 50008
Chung Len Lee *see* Horng Nan Chern 55982
Chung Len Lee *see* Horng Nan Chern 62314
Chung Len Lee *see* Hui Min Wang 55228
Chung Len Lee *see* Hui Min Wang 55247
Chung Len Lee *see* Meng-Lieh Sheu 70439
Chung Len Lee *see* Mneg Chiy Lin 49089
Chung Len Lee *see* Shye Lin Wu 49866
Chung Len Lee *see* Shye Lin Wu 62746
Chung Len Lee *see* Shye Lin Wu 93398
Chung Len Lee *see* Tien Sheng Chao 55672
Chung Len Lee *see* Wen Chang Huang 49812
Chung Len Lee *see* Wen Ching Wu 49338
Chung Len Lee *see* Yeong-Jar Chang 55227
Chung Li Cheng *see* Cheng Chung Li
Chung Lin Jen *see* Jen Chung Lin

Chung Loh Sau *see* Sau Chung Loh
Chung Lui Ho *see* Ho Chung Lui
Chung Moon Shick *see* Moon Shick Chung
Chung Myung Sai *see* Myung Sai Chung
Chung Nak Sam *see* Nak Sam Chung
Chung Pau-Choo *see* Pau-Choo Chung
Chung Pi-Yu *see* Pi-Yu Chung
Chung Se-Kyo *see* Se-Kyo Chung
Chung Shyh-Jong *see* Shyh-Jong Chung
Chung Suk-Hwan *see* Suk-Hwan Chung
Chung Taesoo *see* Taesoo Chung
Chung Wan-Young *see* Wan-Young Chung
Chung Who Kee *see* Who Kee Chung
Chung Won, C., Sulla, J.L. Experiments on the linearization of a piezoelectric struct 93783
Chung Woogon *see* Woogon Chung
Chung Wook Jin *see* Wook Jin Chung
Chung Yeong Jee *see* Yeong Jee Chung
Chung Young Mo *see* Young Mo Chung
Chung Youngchul *see* Youngchul Chung
Chung Youngjoo *see* Youngjoo Chung
Chung Younky *see* Younky Chung
Chung Yun *see* Yun Chung
Chung-Chang Liu *see* Ying-Tung Hsiao 78031
Chung-Chieh Lin *see* Allard, B. 93347
Chung-Ching Chiou *see* Nen-Fu Huang 58136
Chung-Ching Chiou *see* Nen-Fu Huang 85851
Chung-Ching Shih Modeling of rear cone misalignment in the annular resonator 83214
Chung-chiun Liu *see* Luo Rui-Xian 52964
Chung-En Zah, Bhat, R., Pathak, B.N., Favire, F., Wei Lin, Wang, M.C., Andreadakis, N.C., Hwang, D.M., Koza, M.A., Tein-Pei Lee, Zheng Wang, Darby, D., Flanders, D., Heieh, J.J. High-performance uncooled 1.3-μm Al_x. $Ga_yIn_{1-x-y}As/InP$ strained-layer quantum-well lasers for subscriber loop applications 63780
Chung-En Zah, Pathak, B., Favire, F.J., Jr., Lin, P.S.D., Andreadakis, N.C., Bhat, R., Caneau, C., Curtis, L., Mahoney, D.D., Young, W.C., Lee, T.P. Monolithic integrated multiwavelength laser arrays for WDM lightwave systems 72838
Chung-En Zah *see* Rangchen Yu 72890
Chung-Fu Chang *see* Hilbert, E.E. 75572
Chung-Hsien Wu *see* Ruey-Ching Shyu 84148
Chung-Hsing Chen, Karnik, T., Saab, D.G. Structural and behavioral synthesis for testability techniques 55088
Chung-Hsun Chang *see* Din-Chang Tseng 95672
Chung-Ju Chang, Chen-Hsiang Wu Slot allocation for an integrated voice/data TDMA mobile radio system with a finite population of buffered users 52404
Chung-Ju Chang, Heng-Chih Kao A two-threshold reactive congestion control for network termination of B-ISDN 85898
Chung-Ju Chang, Hsin-Huei Wu Analysis of synchronous and asynchronous traffic in an FDDI network 85847
Chung-Ju Chang, Ray-Guang Cheng Traffic control in an ATM network using fuzzy set theory 64963
Chung-Ju Chang, Tian-Tsair Su, Yueh-Yiing Chiang Analysis of a cutoff priority cellular radio system with finite queueing and reneging/dropping 75284
Chung-Kuan Cheng *see* Carragher, R.J. 80019
Chung-Kuan Cheng *see* Jae Chung 93571
Chung-Kuan Cheng *see* Lung-Tien Liu 91716
Chung-Kuan Cheng *see* Nan-Chi Chou 79320
Chung-Kuan Cheng *see* Nan-Chi Chou 80033
Chung-Kuan Cheng *see* Nan-Chi Chou 92108
Chung-Liang Chang *see* Chiang-Tsung Huang 78582
Chung-Liang Chang *see* Jin-Cheng Wang 78583
Chung-Liang Chang *see* Jin-Cheng Wang 89012
Chung-Lin Huang, Chao-Yuen Hsu A new motion compensation method for image sequence coding using hierarchical grid interpolation 57709
Chung-Lin Huang *see* Chen-Chang Lien 57859
Chung-Ming Chen, Soo-Young Lee On parallelizing the EM algorithm for PET image reconstruction 74451
Chung-Ming Huang, Chung-Ming Lo Multimedia e-mail: the evolution approach based on adapters 85607
Chung-Ming Huang, Duen-Tay Huang A backward protocol verification method 74716
Chung-Ming Huang, Jenq-Muh Hsu An ECFSM-based maximal progress protocol verification 74718
Chung-Ming Lo *see* Chung-Ming Huang 85607
Chung-Ming Young, Chun-Chang Liu, Chang-Huan Liu Vibration analysis of rolling piston-type compressors driven by single-phase induction motors 90678
Chung-Ping Kwong *see* Guo-Qing Hu 95172
Chung-Ping Lai *see* Wei-Tou Ni 86822
Chung-Po Huang, Jianping Zhou, Kapteyn, H.C., Murnane, M.M. Ultrashort pulse amplification in Ti:sapphire 72775
Chung-Po Huang *see* Christov, I.P. 94382
Chung-Po Huang *see* Jianping Zhou 72745
Chung-Sheng Li, Georgiou, C.J., Ki Won Lee, Cheng, T.D. Performance optimization of multilevel control networks in a fast circuit/packet switching system 96132
Chung-Sheng Li, Ofek, Y., Segall, A., Sohraby, K. Pseudo-isochronous cell switching in ATM networks 64921
Chung-Shu Yang *see* Lin-Shan Lee 95300
Chung-Wen Chen, Jen-Kuang Huang Estimation of steady-state optimal filter gain from nonoptimal Kalman filter residuals 95516
Chung-Yee Lee *see* Uzsoy, R. 90930
Chung-Yen Lu *see* Kuei-Ann Wen 64724
Chung-Yin Chen *see* Tsair Kao 77020
Chung-Yin Kwok, Neng-Haung Sheng, Asbeck, P., Kent, G., Chen, S. Ultra-high speed HBT sine ROM for direct digital synthesis application 80339
Chung-Yu Wu, Chin-Fong Chiu A new structure for the silicon retina 63614
Chung-Yu Wu *see* Hong-Yi Huang 80239
Chung-Yu Wu *see* Ping-Hsing Lu 80427
Chung-Yu Wu *see* Shu-Yuan Chin 92331
Chung-Yuen Won, Duk-Heon Kim, Sei-Chan Kim, Won-Sam Kim, Hack-Sung Kim A new maximum power point tracker of photovoltaic arrays using fuzzy controller 100756
Chungming Tu *see* Zhen Zhang 97398
Chunguang Li *see* Li Chunguang
Chunguang Liang *see* Zhi Han 81930
Chunhua Huang *see* Huang Chunhua
Chunlei Luo *see* Luo Chunlei
Chunli Bai *see* Dawen Wang 62177
Chunliang Lu *see* Lu Chunliang
Chunliang Xia *see* Heydari, M.H. 92834
Chunliang Xis *see* Heydari, M.H. 55051
Chunlin Shao *see* Inanami, R. 81551
Chunmeng Wu, Makino, T., Fallahi, M., Craig, R.G.A., Knight, G., Templeton, I., Blaauw, C. Novel circular grating surface-emitting laser with emission from center 56757
Chunming Li *see* Li Chunming
Chunming Qiao, Melhem, R., Chiarulli, D., Levitan, S. Simulation of efficient routing in TDM optically interconnected multiprocessor systems 52487
Chunming Qiao, Melhem, R., Chiarulli, D., Levitan, S. Dynamic reconfiguration of optically interconnected networks with time-division multiplexing 75447
Chunming Qiao, Melhem, R.G., Chiarulli, D.M., Levitan, S.P. A time domain approach for avoiding crosstalk in optical blocking multistage interconnection networks 97350
Chunnilall, C.J. *see* Benson, J.M. 50463
Chunping Yang *see* Yang Chunping
Chunsheng Li *see* Li Chunsheng
Chunsheng Ma, Cao, J. TM mode optical characteristics of five-layer MOS optical waveguides 94137
Chuntian Chang *see* Chang Chuntian
Chuntonov, A.V. *see* Vorob'ev, A.P. 76751
Chunxiang Zhang *see* Zhang Chunxiang
Chunyang Jing *see* Jing Chunyang
Chunyi Lu *see* Lu Chunyi
Chunyi Zhu *see* Zhu Chunyi
Chupis, V.N., Kosygin, O.A., Dukhovnikov, N.A., Semenova, E.M. Power stabilization of an ionizing microwave field in thin semiconductor devices and films 55530
Chupongstimun, V. *see* Lee, R. 73286
Chupp, W.W. *see* Eylon, S. 76736
Chupp, W.W. *see* Rutkowski, H.L. 53187
Chupp, W.W. *see* Rutkowski, H.L. 67265
Chupp, W.W. *see* Yu, S. 67027
Chuprin, A.D. *see* Shatrov, A.D. 83848
Chuprtn, A.D. *see* Sivov, A.N. 83585
Churakov, D. *see* Chen, M. 67349
Churakov, D.L. *see* Akimov, D.Yu. 67344
Churakov, V.V. *see* Gorobets, V.A. 63665
Churakov, V.V. *see* Gorobets, V.A. 82915
Church, E. *see* Baggs, R. 76791
Church, I. *see* Galagedera, S.B. 88240
Church, I. *see* Galagedera, S.B. 98670
Church, M., O'Day, S. Antiproton extraction in the Fermilab antiproton accumulator 66938
Church, M.D. *see* Ito, A. 71825
Church, S.E., Griffin, M.J., Price, M.C., Ade, P.A.R., Emery, R.J., Swinyards, B.M. Performance characteristics of doped-Ge photoconductors for the infrared space observatory long wavelength spectrometer 58783
Churcher, S. *see* Hamilton, A. 49605
Churcher, S. *see* Murray, A.F. 61837
Churchill, A.C. *see* Brown, K.M. 54887
Churchill, A.C. *see* Patel, N.K. 81335
Churchill, A.C. *see* Simmons, M.Y. 55622
Churchill, A.P. *see* Billen, K. 71314
Churchill, E. *see* Preece, A.W. 53426
Churchill, L.E. *see* Eason, D.B. 72634
Churchill, L.E. *see* Ren, J. 69943
Churchman, D. *see* Storer, M. 88700
Churchouse, C. Linking computer to video 97684
Churenkov, A.V. Fiber optic electrometer with mechanical resonator 87215
Churikov, V.M., Bolshtyansky, M.A., Kapitzky, Yu.E., Savchenko, A.Yu., Zel'dovich, B.Ya. Second order polarizability gratings in glass 63973
Churilova, S.A. *see* Buzik, L.M. 57080
Churma, M. *see* Wymer, S.A. 64058
Churms, C.L., Pretorius, R. Three dimensional RBS on the Faure nuclear microprobe 48656
Churnside, J.H., Hanson, S.G. Effect of penetration depth and swell-generated tilt on Delta-k lidar performance 53544
Churnside, J.H., Stermitz, T.A., Schroeder, J.A. Temperature profiling with neural network inversion of microwave radiometer data 88780
Churnside, J.H. *see* Hanson, S.G. 88769
Churoo Park *see* Yunho Choi 49427
Churoo Park *see* Yunho Choi 70553
Chursin, A.D. *see* Zubov, V.V. 94347
Chusseau, L., Delevaque, E. 250-fs optical pulse generation by simultaneous soliton compression and shaping in a nonlinear optical loop mirror including a weak attenuation 56882
Chute, F.S. *see* Thompson, R.B. 51207
Chutlem, D., Damdinsuren, T., Enkh-Gin, L., Lomova, L., Perelygin, V., Tolstov, K. The relativistic nuclei beam monitoring by means of high threshold fission chamber 87736
Chuvashev, S.N. *see* Ershov, A.P. 90465
Chuvashov, N.F. *see* Vasil'ev, M.B. 55010
Chuvilo, I.V. The K-decays in the xenon bubble chamber 76821
Chuvilo, I.V. *see* Kapchinskiy, I.M. 76313
Chuyu Sheng *see* Yi Huang 92509
Chvykov, V.V., Zazulya, O.I., Zemskov, K.I. Copper vapor laser in medical practice: gynecology 98948
Chwala, A. *see* Meyer, H.-G. 56256
Chwala, A. *see* Meyer, H.-G. 66112
Chwan-Hwa Wu, Hua-Kuang Liu Unipolar terminal-attractor-based neural associative memory with adaptive threshold and perfect convergence 50620
Chwan-Ying Lee, Kwang-Lung Lin Solderability of electroless nickel alloys using wetting balance technique 79297
Chwen-Jye Ju What can block floating-point arithmetic do for DSP applications 74134
Chyan Yang, Ruey-Yih Lin Budget management of network capacity planning by searching constrained range and dominant set 85524
Chyan Yih-Feng *see* Yih-Feng Chyan
Chyba, T.H. *see* Higdon, N.S. 99175
Chye, P. *see* Faulkner, M. 80687
Chye, P. *see* Kraemer, B. 80837
Chye, P. *see* Kraemer, B. 92580
Chye, P. *see* Shu, J. 92523
Chyi, J.-I. *see* Hwang, H.-P. 55886
Chyi Jen-Inn *see* Jen-Inn Chyi
Chyi-Feng Rau *see* Chong-Yung Chi 84374
Chyi-Hwa Chu, Ming-Guey Chern, Yuang-Cheh Hsueh Image compression by cardinality distribution 95769
Chyla, A., Sworakowski, J., Szczurek, A., Brynda, E., Nespurek, S. Gas sensing device based on phthalocyanine LB films 58903
Chyou Dean-Yu *see* Dean-Yu Chyou
Chyr Yeong-Ning *see* Yeong-Ning Chyr
Chytil, M. *see* Farar, P. 66758
Chyu, M.C. *see* Seol, S.Y. 56238
Chyuan-Wei Chen, Meng-Chyi Wu, Yung-Hui Yeh Luminescence characterization of $In_{0.12}Ga_{0.88}As_{0.34}P_{0.66}$ grown on $GaAs_{0.61}P_{0.39}$ substrates by liquid-phase epitaxy 71119
Chzhan Daizhun *see* Labuntsov, V.A. 99563
Ci-Ling Pan, Gong-Ru Lin, Dean-Yu Chyou, Hsiao-Hua Wu Electrooptic phase tracking of microwave signals beyond 18.5 GHz using an integrated electrooptic modulator as an optoelectronic harmonic mixer in a phase lock loop 52604
Ci-Ling Pan *see* Chi-Luen Wang 63803
Ci-Ling Pan *see* Chi-Luen Wang 94454
Ci-Ling Pan *see* Hsiao-Hua Wu 56796
Ciacchi, F.T., Crane, K.M., Badwal, S.P.S. Evaluation of commercial zirconia powders for solid oxide fuel cells 90378
Ciaccia, T.J. *see* Boza, L.B. 48649
Ciaccio, A.Di *see* Di Ciaccio, A.
Ciaccio, E.J., Dunn, S.M., Akay, M. Biosignal pattern recognition and interpretation systems. 4. Review of applications 53369
Ciamberlini, C., Longobardi, G., Ramazza, P.L., Residori, S. New approach to noise factor measurement of imaging devices 52959
Ciambrone, D. *see* Wallace, D. 75871
Ciampolini, P., Pierantoni, A., Baccarani, G. An energy-balance model for non-isothermal device simulation 62645
Ciampolini, P., Pierantoni, A., Vecchi, M.C., Rudan, M. Application of general-purpose device simulator to analysis of integrated silicon microsensors 87062
Ciampolini, P. *see* Pierantoni, A. 49943
Ciampolini, P. *see* Tanaka, K. 49945
Ciancetta, G.M. *see* Boghosian, H.A. 82489
Ciancetta, G.M. *see* Painter, T.A. 82446
Ciantar, E. *see* Moragues, J.-M. 62828
Ciapala, E., Butterworth, A., Peschardt, E. Global voltage control for the LEP RF system 87626
Ciapala, E. *see* Boiteux, J.P. 76505
Ciapetti, G. *see* Moers, T. 67364
Ciappa, M., Malberti, P. Reliability of laser diode modules in temperature-uncontrolled environment 63802
Ciappa, M. *see* Hermann, M.R. 61698
Ciaramella, A. Summary of the final results obtained in SUNDIAL project 64340
Ciaramella, A. *see* Gerbino, E. 73864

Ciardullo, D.J. A fast envelope detector 61610
Ciardullo, D.J. *see* Brennan, J.M. 67178
Ciarlet, P., Jr. Repeated Red-Black ordering: a new approach 69787
Ciarlette, D. *see* Liu, J. 66926
Ciarlette, D. *see* Liu, J. 98429
Ciarlette, D. *see* Lumpkin, A.H. 98460
Ciarlette, D.J. *see* Lenkszus, F.R. 76840
Ciarrocca, M. *see* Tisch, J.W.G. 63942
Ciasnohova, A. *see* Bates, S.J. 53308
Ciavola, G., Gammino, S., Briand, P., Melin, G., Seyfert, P. The SERSE project [ECR ion sources] 53149
Ciavola, G., Gammino, S., Raia, G., Sura, J. MIDAS, a high efficiency microwave discharge ion source for the EXCYT facility 53165
Ciavola, G., Gammino, S., Zhou, Q. The role of the ion sources in the EXCYT facility 53164
Ciavola, G. *see* Seyfert, P. 94014
Cibert, J. *see* Grieshaber, W. 81268
Cibert, J. *see* Lawrence, I. 93013
Ciborra, C.U. Market support systems: Theory and practice 96294
Cibuzar, G.T. Microelectronics at the University of Minnesota 54395
Cicala, G. *see* Bruno, G. 54902
Ciccacci, F., De Rossi, S., Piccolella, S. Compact apparatus for spin-polarized photocathode characterization 92862
Ciccarella, G., Paris, G., Tobia, I., Valent, G. Conference service implementation in ATM environment 85866
Ciccarella, G. *see* Cardone, A. 85320
Ciccarelli, C. *see* Aste, T. 66561
Ciccarelli, C. *see* Grattarola, M. 58867
Cicchelli, O. *see* Balsamo, E.P. 82475
Cicchetti, R. *see* Bernardi, P. 73446
Cicchetto, B.A. *see* Choo, C.Y. 95963
Cicco, G.De *see* De Cicco, G.
Cicconi, P., Nicolas, H. Efficient region-based motion estimation and symmetry oriented segmentation for image sequence coding 74499
Cicekoglu, O., Kuntman, H. A novel approach to the calculation of nonlinear harmonic distortion coefficients in BJT differential amplifiers 61587
Cichanowskil, S.W. *see* Reed, C.W. 92645
Cichocki, A., Lobos, T. Artificial neural networks for real-time estimation of basic waveforms of voltages and currents 53644
Cichocki, A., Lobos, T. Artificial neural networks for real-time estimation of basic waveforms of voltages and currents 77835
Cichocki, A., Unbehauen, R., Rummert, E. Robust learning algorithm for blind separation of signals 84245
Cichon, D.J. *see* Becker, T.C. 52676
Cichon, D.J. *see* Kurner, T. 52391
Cichon, D.J. *see* Kurner, T. 52394
Cicognani, J.W. *see* Massiot, M. 81103
Cicoria, R. *see* Delfino, B. 68158
Cidon, I., Georgiadis, L., Guerin, R., Shavitt, Y. Improved fairness algorithms for rings with spatial reuse 65325
Cidon, I., Guerin, R., Khamisy, A. On protective buffer policies 85236
Cidon, I., Khamisy, A., Sidi, M. Dispersed messages in discrete-time queues: delay, jitter and threshold crossing 65016
Ciegis, R., Skirmantas, R. Optimality of the realization of difference schemes 61210
Ciegis, R. *see* Aleinikova, T. 61132
Ciesla, A., Matras, A. Dynamic reaction forces in superconductive matrix magnetic separator 50434
Cieslak, M.J. *see* Fuerschbach, P.W. 54538
Cieslak, W. *see* Halbleib, L. 100435
Cifarelli, L. *see* Anselmo, F. 98647
Cifre, J., Puigdollers, J., Polo, M.C., Esteve, J. Trimethylboron doping of CVD diamond thin films 71293
Cifre, J. *see* Polo, M.C. 70092
Ciftcioglu, O., Hoogenboom, J.E., van Dam, H. A consistent estimator for the model order of an autoregressive process 64494
Ciftliki, C. *see* Yilbas, B.S. 58805
Cifuentes, A.O. Estimating the dynamic behavior of printed circuit boards 55460
Cifuentes, A.O., Kalbag, A. Dynamic behavior of printed wiring boards: increasing board stiffness by optimizing support locations 92682
Cifuentes, A.O. *see* Burghartz, J.N. 71830
Cifuentes, A.O. *see* Burghartz, J.N. 82094
Cigich, C.M. *see* Hadfield, G.C. 75843
Cigno, R.L. *see* Marsan, M.A. 65365
Cigno, R.Lo *see* Lo Cigno, R.
Cignolo, G. *see* Alasia, F. 66728
Cignolo, G. *see* Desogus, S. 58767
Cihangir, S. *see* Demortier, L. 59090
Cihlar, J., Howarth, J. Detection and removal of cloud contamination from AVHRR images 88730
Cihlar, J., Manak, D., D'Iorio, M. Evaluation of compositing algorithms for AVHRR data over land 77702
Cika, D. Microprocessor based integrator with square root function 92293
Ciletti, M.D. *see* Weiwei Mao 49286
Cillessen, J.F.M. *see* Blom, P.W.M. 93774
Ciloglu, T., Unver, Z. A new approach to discrete coefficient FIR digital filter design by simulated annealing 80455
Cimbala, R. Utilization of pattern recognition principles for diagnostic purposes 100069
Cimberle, M.R. *see* Calzona, V. 97972
Cimini, L.J., Foschini, G.J., Chih-Lin I, Miljanic, Z. Call blocking performance of distributed algorithms for dynamic channel allocation in microcells 86126
Ciminiera, L. *see* Marsan, M.A. 74991
Ciminiera, L. *see* Montuschi, P. 70352
Cimpean, A. *see* Afanasiev, S.V. 52771
Cimpoca, V. *see* Lazarovici, D. 59231
Cin, P., St. *see* Hong, G. 87380
Cina, M.F. *see* Cohen, M.S. 83043
Cina, M.F. *see* Cohen, M.S. 97364
Cina, M.F. *see* Jackson, K.P. 72648
Cinabro, D. *see* Alexander, J.P. 59072
Cinabro, D. *see* Alexander, J.P. 70305
Cinbis, C. *see* Azevedo, A. 72059
Cinci, L.D., IV *see* Weeks, A.R. 85115
Cincotti, S., Parodi, M., Chiabrera, A. Hysteresis in electric dipole monolayers 49732
Cindolo, F. *see* Beaumont, S.P. 88037
Cindro, V., Korpar, S., Krizan, P., Stanovnik, A., Staric, M. Investigation of CsI photocathodes in a multiwire proportional chamber 59068
Cindro, V., Krammer, M., Langhans, W., Pernegger, H., Pernicka, M. Performance of a readout system for silicon microstrip detectors 98688
Cinelli, M.J. *see* Thomas, L. 70113
Cingolani, R., Rinaldi, R., Calcagnile, L., Prete, P., Sciacovelli, P., Tapfer, L., Vanzetti, L., Mula, G., Bassani, F., Sorba, L., Franciosi, A. Recombination mechanisms and lasing in shallow $Zn_{0.9}Cd_{0.1}Se/ZnSe$ quantum-well structures 72808
Cingoski, V., Ichinose, M., Kaneda, K., Yamashita, H. Analytical calculation of magnetic flux lines in 3-D space 83427
Cingoski, V., Yamashita, H. An improved method for magnetic flux density visualization using three-dimensional edge finite element method 64053
Cingoski, V., Yamashita, H. Analysis of induction skull melting furnace by edge finite element method excited from voltage source 90650
Cingoski, V. *see* Iwano, K. 79747
Cinque, R.B., Morris, J.W., Jr. The effect of gold-nickel metallization microstructure on fluxless soldering 71418
Cinquegrana, C., Majorana, E., Pergola, N., Puppo, P., Rapagnani, P., Ricci, F. Performances of a superconductive parabridge transducer for liquid helium temperature applications 97970
Cinquemani, P.L., Kuchta, F.L. Evaluation of test methods for longitudinal water blocked cables 89270
Ciobotaru, I. *see* Chiriac, H. 71958
Ciocci, F., Dattoli, G., Torre, A. The effect of emittance inhomogeneous broadening on the brightness of a magnetic undulator 67038
Cioffari, S.C. *see* Munafo, M. 65361
Cioffi, J. *see* Al-Dhahir, N. 85205
Cioffi, J. *see* Laiz, H. 86900
Cioffi, J.M., Bingham, J.A.C. A data-driven multitone echo canceller 96873
Cioffi, J.M. *see* Inkyu Lee 72160
Cioffi, J.M. *see* Inkyu Lee 82282
Cioffi, J.M. *see* Sands, N.P. 50329
Cioffi, J.M. *see* Yamauchi, T. 50328
Ciofini, M. *see* Meucci, R. 56608
Ciok, Z. Test results of quenching-chamber with rotating arc 90240
Ciolli, P. *see* Pellegrini, P.F. 57800
Ciontu, M. *see* Tusaliu, P. 78745
Ciontu, M. *see* Tusaliu, P. 89313
Ciontu, M. *see* Tusaliu, P. 99744
Ciorciolini, S. *see* Giannini, F. 80758
Ciotti, M.T. *see* Abrami, A. 98715
Cipcic, I. *see* Barac, T. 97209
Cipollini, P., Corsini, G., Ferretti, E. Multitemporal water quality analysis along the Ligurian coast 77446
Cipra, T. Asymmetric recursive methods for time series 91186
Cipriani, F., Gabriel, A., Koch, M.H.J. Alternative approaches to delay line readout for multiwire proportional chambers 67389
Cipriano, A. *see* Guarini, M. 53430
Cipriano, A. *see* Guarini, M. 87548
Cipriano, A. *see* Guesalaga, A. 87549
Cirak, J. *see* Barancok, D. 62322
Circello, J., Goodrich, F. The Motorola 68060 microprocessor 70585
Cirelli, R.A., Raab, E.L., Kostelak, R.L., Vaidya, S. Optimizing numerical aperture and partial coherence to reduce proximity effect in deep-UV lithography 71492
Ciria, M. *see* Arnaudas, J.I. 71962
Ciric, D. *see* Heeren, R.M.A. 59052
Ciric, M., Friese, J., Korner, H.J., Maier, M.R. Low cost pulse shaper for use with silicon PIN diodes 59198
Cirignano, L. *see* Zhang, J.G. 88407
Cirignano, L. *see* Zhang, J.G. 98561
Cirillo, A.J. Cost effective, large scale SO_2 removal 78373
Cirillo, A.J., Wiggins, D.S. Design of SO_2-removal retrofit dares to be different 78395
Cirillo, M. *see* Parlato, L. 88306
Cirone, R. *see* Di Mattia, A. 80516
Cisco, T.C. *see* Hafizi, M. 92526
Ciscon, L.A. *see* Wise, J.D. 52062
Cisneros, C. *see* de Urquijo, J. 88258
Cisneroz, P. *see* Tang, D.D. 72111
Cistelecan, M. *see* Gheysens, R. 54030
Ciszek, T.F., Wang, T.H., Burrows, R.W., Wu, X., Alleman, J., Bekkedahl, T., Tsuo, Y.S. Grain boundary and dislocation effects on the PV performance of high-purity silicon 100619
Ciszek, T.F., Wang, T.H., Wu, X., Burrows, R.W., Alleman, J., Schwerdtfeger, C.R., Bekkedahl, T. Si thin layer growth from metal solutions on single-crystal and cast metallurgical-grade multicrystalline Si substrates 100614
Ciszek, T.F. *see* Tsuo, Y.S. 100472
Ciszek, T.F. *see* Wang, T.H. 90411
Citera, M. *see* McNeese, M.D. 90902
Citerne, J. *see* Gillard, R. 80653
Citerne, J. *see* Nouvel, F. 78989
Citerne, J. *see* Vourch, E. 94919
Cites, J.S., Ashley, P.R. High-performance Mach-Zehnder modulators in multiple quantum well GaAs/AlGaAs 72446
Citrin, D.S. Controlled exciton spontaneous emission in optical-microcavity-embedded quantum wells 63837
Citrin, W. Simulation of communications architecture specifications using Prolog 96772
Citrolo, J. *see* Schultz, J.H. 89348
Citrolo, J.C. *see* Hassenzahl, W.V. 82468
Citterio, M., Rescia, S., Radeka, V. A study of low noise JFETs exposed to large doses of gamma-rays and neutrons 71724
Cittern, J., Healy, D.P. Successful introduction of IN services by DBP Telekom 96853
Cittolin, S. CMS data acquisition baseline design 52767
Cittolin, S. *see* Benetti, P. 67327
Cittolin, S. *see* Benetti, P. 67328
Cittolin, S. *see* Cennini, P. 67285
Cittolin, S. *see* Cennini, P. 76755
Ciuba, F.J. *see* Chelakara, R.V. 83040
Ciuba, F.J. *see* Fertitta, K.G. 79858
Ciuba, F.J. *see* Holmes, A.L. 79785
Ciullo, G. *see* Aleksandrov, A.V. 87901
Ciullo, G. *see* Calabrese, R. 76741
Ciumac, M., Baboiu, D.-M., Mihalache, D. Hybrid surface modes in periodic stratified media: transfer matrix technique 94160
Ciumac, M. *see* Mihalache, D. 50923
Ciumac, M. *see* Mihalache, D. 56389
Ciupa, R., Rogalski, A., Rutkowski, J., Piotrowski, J. Thermoelectrically cooled arsenic diffused medium-wavelength infrared HgCdTe photodiodes 56535
Civalleri, P.P., Gilli, M. Some dynamic phenomena in delayed cellular neural networks 49608
Civanlar, S. *see* Allamagny, S. 52007
Civanlar, S. *see* Allamagny, S. 74833
Civardi, L., Gatti, U., Maloberti, F., Torelli, G. An integrated CMOS interface for lambda sensor 54235
Civera, P., Masera, G., Piccinini, G., Zamboni, M. Operation scheduling in VLSI circuit design 49347
Civera, R. *see* Vizoso, B. 50484
Cividjian, G.A. Arc energy conservation equation 90226
Civiera, P. *see* Matarazzo, A. 80217
Civinini, C. *see* Akimov, V. 53300
Civinini, C. *see* Arefiev, A. 88007
Cken Wei-Kuo *see* Wei-Kuo Cken
Claar, C.N. A case study of main service short time demand intervals 69293
Claassen, M. *see* Bauer, T. 70902
Claassen, M. *see* Gaul, L. 80664
Clack, J., Stanway, R., Sproston, J.L. The electrical transfer characteristics of electro-rheological fluids in the squeeze-flow mode 91407
Claesen, L. *see* Angelo, C.M. 80377
Claesen, L. *see* Genoe, M. 91757
Claeson, T. *see* Delsing, P. 53072
Claeson, T. *see* Delsing, P. 82373
Claeson, T. *see* Harada, Y. 72236
Claeson, T. *see* Ivanov, Z.G. 55183
Claeson, T. *see* Nilsson, P.A. 50424
Claeson, T. *see* Nilsson, P.A. 72227
Claeson, T. *see* Pashkin, Yu.A. 63316
Claeson, T. *see* Zhang, Y.M. 56245
Claesson, I. *see* Nordebo, S. 74145
Claeys, C., Simoen, E. The perspectives of silicon-on-insulator technologies for cryogenic applications 81764
Claeys, C. *see* Bosisio, L. 59074
Claeys, C. *see* Dierickx, B. 67378
Claeys, C. *see* Martino, J.A. 49979
Claeys, C. *see* Ricquier, N. 66457
Claeys, C. *see* Simoen, E. 49995
Claeys, C. *see* Simoen, E. 62806
Claeys, C. *see* Simoen, E. 62995
Claeys, C. *see* Simoen, E. 71773
Claeys, C. *see* Simoen, E. 81919
Claeys, C. *see* Vanhellemont, J. 71573
Claeys, W., Quintard, V., Dilhaire, S., Hijazi, A., Danto, Y. Optical laser probe for solder joint's

quality testing through thermal response analysis 79311
Claeys, W., Quintard, V., Dilhaire, S., Lewis, D., Danto, Y. Testing of the quality of solder joints through the analysis of their thermal behaviour with an interferometric laser probe 60949
Claeys, W., Quintard, V., Dilhaire, S., Lewis, D., Danto, Y. Early detection of ageing in solder joints through laser probe thermal analysis of the Peltier effect 80968
Claeyssen, F., Lhermet, N., Grosso, G. Giant magnetostrictive alloy actuators 82296
Claffy, K.C., Braun, H.-W., Polyzos, G.C. Tracking long-term growth of the NSFNET 85633
Clague, F.R. A method to determine the calorimetric equivalence correction for a coaxial microwave microcalorimeter 66671
Clair, D. *see* Artoos, K. 94019
Clair, D.C.St. *see* St. Clair, D.C.
Clair, J.-J., Landraud-Lamole, A. Stereolithography and 3D storage 82528
Clairon, A., Laurent, P., Santarelli, G., Lea, S.N., Ghezali, S., Bahoura, M. A cesium fountain frequency standard: preliminary results 86868
Clairon, A. *see* de Clercq, E. 86860
Clairon, A. *see* Millerioux, Y. 58619
Clairon, A. *see* Millerioux, Y. 86877
Clairon, A. *see* Rovera, G.D. 52749
Clairon, A. *see* Rovera, G.D. 56803
Clairon, A. *see* Touahri, D. 86883
Clairon, A. *see* Zondy, J.J. 94643
Clancy, E.A., Hogan, N. Single site electromyograph amplitude estimation 59386
Clancy, E.V. Thermal characterization of fluorescent fixtures 69216
Clapis, P.J., Ledger, A.M., Daniell, K.E. Analysis of color variation in bonded SOI wafers 93241
Clapis, P.J. *see* Ledger, A.M. 93240
Clapp, A., Hagmann, C., Benford, D., Holmes, W., Richards, P.L. 100 mK magnetic refrigerators for low background bolometric receivers 58784
Clapp, A. *see* Tanaka, S.T. 58782
Clapp, A.E., Harman, T.L. Combining microcontroller units and PLDs for best system design 49451
Clapp, A.L. Calculation of horizontal displacement of conductors under wind loading toward buildings and other supporting structures 59971
Clapp, D.L. A modern PC-based sidescan sonar acquisition and display system 77336
Clapp, R.N. Communications jamming and fratricide 59631
Clapp, T. *see* Ayliffe, P. 72646
Claraz, J.L., Lalande, P., Gluck, D., Bredy, J., Deluchat, P. Communication interface dose rate hardening 77769
Clare, R. *see* Ahlen, S. 98641
Clari, F., Dunkel, O., Genet, M., Gregory, C., Sievers, P. Prototype development of a warm bore insert for the LHC magnet measurements 76351
Claridge, W.J. *see* Deits, S.H. 92720
Clarisse, C. *see* Palleau, J. 81107
Clark, A., Deas, R.M., Kosmidis, C., Ledingham, K.W.D., Marshall, A., Sander, J., Singhal, R.P., Campbell, M., Zheng, R. A laser-based sensor system for trace NO_x (x=1, 2) detection in atmospheric air 88763
Clark, A., Summit, J., Greenland, P. TEG cell based integration of power sub-system functions 61507
Clark, A. *see* LeTran, T.T. 62301
Clark, A.E. *see* Sandlund, L. 63171
Clark, A.F. *see* Chowdhury, M.F. 74487
Clark, A.F. *see* Early, E.A. 93954
Clark, A.F. *see* Ghosh, R.N. 58910
Clark, A.G. *see* Anghinolfi, F. 53345
Clark, A.G. *see* Anghinolfi, F. 88228
Clark, A.G. *see* Anghinolfi, F. 98663
Clark, A.G. *see* Bates, S.J. 53308
Clark, A.G. *see* Borer, K. 53347
Clark, A.G. *see* Borer, K. 98687
Clark, A.N. Pattern recognition of noisy sequences of behavioural events using functional combinators 95711
Clark, A.R., Fourie, A.P.C. Mutual impedance and the folded dipole 51251
Clark, B.F. *see* Yang, L.W. 62715
Clark, B.G. *see* Napier, P.J. 58524
Clark, B.K., Glueck, A.D. K_2 optically pumped lasers using temporally delayed pulses in the counterintuitive sequence 72703
Clark, B.T. *see* Tummala, R. 91006
Clark, C.C. *see* Simons, D.A. 66426
Clark, C.W. *see* Mellinger, D.K. 88829
Clark, C.W. *see* Weisburn, B.A. 76874
Clark, D. *see* Bennett, M. 57932
Clark, D. *see* Donahue, J. 66950
Clark, D. *see* Shu, Q.S. 87932
Clark, D.A., Eken, F. HF packet radio link layer protocol design 96993
Clark, D.D. *see* Shenker, S. 85771
Clark, D.J. A 600 MeV cyclotron for radioactive beam production 76410
Clark, D.J. *see* Lock, J.S. 67366
Clark, D.J. *see* Young, A.T. 76304
Clark, E.B. *see* Bailey, S.G. 100521
Clark, E.E. SAW transmitters for unlicensed wireless 50165
Clark, G., Mehta, P. A rule-based approach to load control in large buildings 100793
Clark, G.L., Livingstone, E.S. Sealed copper vapour laser tube 82903
Clark, G.M. *see* Busby, P.A. 59414
Clark, H. *see* Sherar, M.D. 88532
Clark, J.J. *see* Saxena, N. 61852
Clark, K. *see* Larsen, E.V. 68063
Clark, K.B. *see* Landheer, D. 55734
Clark, L.G., Perlovsky, L.I., Schoendorf, W.H., Plum, C.P., Keller, T.L. Evaluation of FLIR sensors for automatic target recognition using an information-theoretic approach 58839
Clark, M. Information as a tool: Forging improved communications with your customer [PCB manufacture] 90940
Clark, M. *see* Gracon, H. 69443
Clark, M.C. *see* Lemke, R.W. 62118
Clark, M.P. Cramer-Rao bounds for two-dimensional deterministic modal analysis 95540
Clark, M.P., Scharf, L.L. Two-dimensional modal analysis based on maximum likelihood 64491
Clark, M.V., Greenstein, L.J., Kennedy, W.K., Shafi, M. Optimum linear diversity receivers for mobile communications 52407
Clark, N. *see* Saenz, A. 52811
Clark, P.D.J., Horley, N., Darnell, M., Honary, B., Maundrell, M. Design and performance of an adaptive MFSK HF terminal 96995
Clark, P.E., Glew, C.N., Regan, R.H. Air-gap sparking—cause and cure 54015
Clark, R. Cooling tower designs 68414
Clark, R. *see* Swenson, H.N. 67685
Clark, R. *see* Wei Qian 88395
Clark, R.A. *see* Wei Qian 53374
Clark, R.G., Starrett, R.P., Newbury, R., Skougarevsky, A.V., Brown, S.A., Davies, A.G., Dunford, R.B., Olatona, D., Macks, L.D., Mitchell, E.E., Taylor, R.P. Australian National Pulsed Magnet Laboratory for condensed matter physics research 83571
Clark, R.G. *see* Macks, L.D. 81797
Clark, R.J., Calvert, K.L., Ammar, M.H. On the use of directory services to support multiprotocol interoperability 65280
Clark, R.J. *see* Skirius, S.A. 61421
Clark, R.L., Fuller, C.R. Active control of structurally radiated sound from an enclosed finite cylinder 63106
Clark, R.L., Gibbs, G.P. Implications of noise on the reference signal in feedforward control of harmonic disturbances 95509
Clark, R.L. *see* Cole, D.G. 93804
Clark, R.L. *see* Comer, D.T. 70317
Clark, R.L. *see* Gu, Y. 71885
Clark, S. *see* Ellis, J.W. 55276
Clark, S.A., Dunscombe, C.J., Woolf, D.A., Wilks, S.P., Williams, R.H. Arsenic capping and decapping of $In_yAl_{1-y}As(100)$ grown by molecular beam epitaxy 55796
Clark, S.A. *see* Luo, J.K. 55571
Clark, S.D. *see* Pease, R.L. 71648
Clark, S.E. Phase error compensation in optical phased arrays 94693
Clark, S.L. *see* Ruth, R.D. 66791
Clark, S.M. *see* Han, J. 54884
Clark, S.M. *see* He, L. 91516
Clark, T. *see* Ganci, P.R. 62710
Clark, T.D. *see* Ralph, J.F. 93967
Clark, T.E., Udd, E., Eck, J.A. Demodulation of Bragg grating sensors 52933
Clark, T.R. *see* Scott, K. 49729
Clark, T.T. *see* Donahoe, K.E. 89186
Clark, W. *see* Koburger, C. 70397
Clark, W.J., Boucher, J. Multipoint communications—the key to groupworking 74800
Clark, W.L. *see* Pauley, P.M. 99199
Clark, W.W., III *see* Chen, J.C. 91527
Clarke, A. Comparing the impacts of renewables 68361
Clarke, A.M., Parker, C., Pomfrett, S. Is it a telephone or is it a computer? 51912
Clarke, A.M., Pomfrett, S.M. User requirements for advanced communication services 96448
Clarke, A.P., Marwood, W. A generalised cosine transform 69906
Clarke, A.P., Saimoto, S., Ho, P. In-situ, high temperature X-ray stress determination in patterned, passivated Al interconnects 62542
Clarke, A.P. *see* Marwood, W. 70684
Clarke, D. *see* Burger, J. 98570
Clarke, D.V. *see* Pearce, P.D. 48620
Clarke, F.W. Nondestructive determination of free-electron concentration and mobility in $Hg_{1-x}Cd_xTe$, n-type InSb, and n-type GaAs 55558
Clarke, F.W. *see* Syllaios, A.J. 92961
Clarke, J. SQUIDs 82359
Clarke, J. *see* Ludwig, F. 56252
Clarke, J. *see* Miklich, A.H. 63312
Clarke, J. *see* Muck, M. 56266
Clarke, J. *see* Muck, M. 93947
Clarke, J. *see* Wellstood, F.C. 97906
Clarke, J.A., Dykes, D.M., Hill, S.F., Hughes, E.A., Poole, M.W., Quinn, P.D., Smith, S.L., Suller, V.P., Welbourne, L.A. Source size variation and ion effects in the SRS at Daresbury 87809
Clarke, J.A. *see* Poole, M.W. 67207
Clarke, J.A. *see* Poole, M.W. 67245
Clarke, J.A. *see* Quinn, P.D. 98464
Clarke, J.A. *see* Welbourne, L.A. 87820
Clarke, J.E.Hughes *see* Hughes Clarke, J.E.
Clarke, J.H.R. *see* Baggaley, A. 56904
Clarke, J.Hughes *see* Hughes Clarke, J.
Clarke, K.C. Finite element analysis of a D-band quarterwave microstrip patch antenna 51230
Clarke, K.H., Hess, D.T. A 25 kHz-500 kHz, 0.001 to 0.75 power factor, 10 MW wattmeter 87351
Clarke, L.P. *see* Li, H. 76961
Clarke, L.P. *see* Wei Qian 53374
Clarke, L.P. *see* Wei Qian 88395
Clarke, M. A systolic implementation of the Gram-Schmidt orthogonalization process 73947
Clarke, P.G. Internodal signalling 65413
Clarke, R. CCD X-ray detectors: opportunities and challenges 88302
Clarke, R. *see* Ruble, R. 49151
Clarke, R. *see* Ruble, R. 61553
Clarke, R. *see* Vinsant, R. 68858
Clarke, R.J. A survey of low-rate digital image coding techniques 85151
Clarke, R.J. *see* Wang, Q. 51552
Clarke, R.J. *see* Yao, S. 85155
Clarke, R.N. Recent developments in RF and microwave dielectric measurements at the UK National Physical Laboratory 87436
Clarke, R.N. *see* Birch, J.R. 76149
Clarke, R.N. *see* Preece, A.W. 87313
Clarke, R.W. *see* Tellez, J.R. 93499
Clarke, T. *see* Lawes, S.T. 67673
Clarke, W.A. *see* Helberg, A.S.J. 51342
Clarksean, R., Solbrig, C. Minimization of the effect of errors in approximate radiation view factors 89524
Clarkson, G.J. *see* Viveash, J.P. 67672
Clarkson, G.J.N. Symbology vision goggles for combat aircraft 67696
Clarkson, M.S. *see* Brown, B.L. 87663
Clarkson, M.S. *see* Brown, B.L. 87797
Clarkson, P.M., Dokic, M.V. A second order adaptive Volterra filter using a two-stage lattice preprocessor 84293
Clarkson, T.G., Zhuang, N. Vector algorithm for Reed-Muller expansions 49350
Clarkson, T.G. *see* Ali, M. 64765
Clarkson, T.G. *see* Papadopoulos, C.A. 95759
Clarkson, T.G. *see* Zein, N.F. 51337
Clarkson, V., Kootsookos, P.J., Quinn, B.G. Analysis of the variance threshold of Kay's weighted linear predictor frequency estimator 84358
Clarkson, V., Perkins, J., Mareels, I. On the novel application of number theoretic methods to radar detection 75601
Clarricoats, P.J.B., Monk, A.D., Zhou, H. Array-fed reconfigurable reflector for spacecraft systems 51243
Clarricoats, P.J.B. *see* Monk, A.D. 57294
Clarricoats, P.J.B. *see* Monk, A.D. 73558
Clary, A., Marchetti, F.M., Smith, S. Business PCS—trial results 75345
Class, R. *see* Hudgens, R. 80736
Classen, F., Meyr, H. Two frequency estimation schemes operating independently of timing information 84552
Clatanoff, T. *see* Markandey, V. 86686
Clatterbaugh, G.V. *see* Lehtonen, S.J. 55430
Claude, E., Ram, S., Gimenez, I., Chaudouet, P., Boursier, D., Joubert, J.C. Evidence of a quantitative relationship between the degree of hydrogen intercalation and the coercivity of the two permanent magnet alloys $Nd_2Fe_{14}B$ and $Nd_2Fe_{11}Co_3B$ 50182
Claude, J.P. *see* Neuman, J. 65191
Claude, S.M.X., Ellison, B.N., Jones, A., Matheson, D.N., Little, L.T., Davies, S.R. Low T_c superconducting tunnel junction submillimetre wave receiver 93951
Claudet, G. *see* Poncet, J.-M. 93988
Claudet, S. *see* Gusewell, D. 76381
Claudinon, B. *see* Broquet, J. 59447
Claunch, C.V. Hitachi Osiris technologies 74910
Claus, B., Chartier, G. Multiscale signal processing: isotropic random fields on homogeneous trees 95409
Claus, J. *see* Rodger, E. 76697
Claus, R., Crotts, R., Murphy, K., Dahlgren, R., Tran, T., Poland, S. Performance of miniaturized optical fiber interconnects between sensor-embedded composite panels 52928
Claus, R. *see* De Vries, M. 52939
Claus, R. *see* Greene, J. 52908
Claus, R. *see* Greene, J. 99067
Claus, R. *see* Gunther, M.F. 91672
Claus, R. *see* Murphy, K. 53091
Claus, R. *see* Tran, T. 52924
Claus, R.O., Bhatia, V., Murphy, K.A., Tran, T.A., Greene, J.A., DiNuccio, J. Evaluation of piezo electric actuator-embedded composites using an absolute fiber optic strain gage 52935
Claus, R.O., Gunther, M.F., Greene, J.A., Tran, T.A., Murphy, K.A. Fiber sensors for control and health monitoring system for mining machinery 98068
Claus, R.O. *see* de Vries, M.J. 98066
Claus, R.O. *see* de Vries, M.J. 98067
Claus, R.O. *see* Fang, X. 87218
Claus, R.O. *see* Gunther, M.F. 94117
Claus, R.O. *see* Gunther, M.F. 98049

Claus, R.O. *see* May, R.G. 98051
Claus, R.O. *see* Murphy, K.A. 91667
Claus, R.O. *see* Murphy, K.A. 98063
Claus, R.O. *see* Nasta, M.H. 98072
Claus, R.O. *see* Rudraraju, S. 91673
Claus, R.O. *see* Wang, A. 98048
Claus, R.O. *see* Weinstein, S.J. 52922
Claus, R.O. *see* Xiaojun Fang 98075
Claus, R.O. *see* Poland, S.H. 98052
Clausen, H., Jensen, P.-R. Analysis of usage parameter control algorithms for ATM networks 96808
Clausen, J.C. *see* Noer, M. 68439
Clausen, T. *see* Bodin, P. 94032
Clausing, D.P. Total quality development 69612
Clausing, R.E. *see* Wang, Z.L. 79935
Clauss, R.C. *see* Shell, J.S. 58370
Claussen, A. *see* Kampert, K.-H. 98503
Clauws, P. *see* Ohyama, H. 62662
Clauws, P. *see* Ohyama, H. 71574
Clauws, P. *see* Vanhellemont, J. 71573
Claveau, G. *see* Pottier, P. 82768
Clavel, E. *see* Schaeffer, C. 69138
Clavelier, D., Hennion, B., Nilson, C. SYNOPA: an automated synthesizer for CMOS operational amplifiers 91908
Claverie, A. Photovoltaic solar cells: state of the art, national strategies and perspectives 90388
Claverie, A. *see* Guillemet, J.P. 79914
Clawin, D. *see* Lao, Z.H. 75498
Clawson, A.R., Hanson, C.M. MOCVD grown Si-doped n^+ InP layers for the subcollector region in HBTs 55912
Clawson, A.R. *see* Pappert, S.A. 56422
Clawson, A.R. *see* Yu, P.K.L. 71180
Clawson, L.G., Petty, J.S., Adamski, J.R. PSC motor improvement for direct drive clothes washer applications 60630
Claxton, S. *see* Kobayashi, K.W. 92561
Claxton, S.K.Z. *see* Kobayashi, K.W. 49658
Clay, C. *see* Bodruzzaman, M. 88647
Clay, C.S. *see* Feuillade, C. 75653
Clay, J.N., Deuar, K. Proof testing of in situ wood poles—a cost reduction initiative 89336
Clay, K. *see* Chen, H. 59347
Clay, W. *see* Shu, Q.S. 87932
Claypool, M., Riedl, J. Silence is golden?—the effects of silence deletion on the CPU load of an audio conference 58238
Clays, K., Schildkraut, J.S., Williams, D.J. Phase-matched second-harmonic generation in a four-layered polymeric waveguide 50937
Clayson, C.H. *see* Birch, K.G. 99215
Clayton, A.C. *see* Periasamy, R. 60942
Clayton, C. *see* Davis, P. 76744
Clayton, C. *see* Hairapetian, G. 76749
Clayton, C.E., Marsh, K.A. A versatile 2 MeV, 200 mA compact X-band linac 66794
Clayton, C.E., Marsh, K.A., Everett, M., Lal, A., Joshi, C. Demonstration of plasma beat wave acceleration of electrons from 2 MeV to 20 MeV 76626
Clayton, F.M. *see* Elmirghani, J.M.H. 86465
Clayton, F.M. *see* Elmirghani, J.M.H. 97310
Clayton, K.W. *see* Perkins, G.W. 86688
Clayton, M. *see* Elmirghani, J.M.H. 65856
Clayton, R.H., Murray, A., Campbell, R.W.F. Recognition of ventricular fibrillation using neural networks 53439
Clayton, R.H. *see* Murray, A. 77033
Clayton, T., Cai, Y., Smellie, R., Stampke, S. Spool pieces at the SSCL 76660
Clayton, T. *see* Schailey, R. 67196
Cleaton, A. *see* Kirk, R. 53441
Cleave, D.Van *see* Van Cleave, D.
Cleaveland, P. What's hot in temperature measurement and control? 76245
Cleaver, J.R.A. *see* Blaikie, R.J. 81310
Cleaver, J.R.A. *see* Goodings, C.J. 81770
Cleaver, J.R.A. *see* Hussain, T. 56012
Clech, J.-P. *see* Noctor, D.M. 79361
Clech, J.-P.M., Manock, J.C., Noctor, D.M., Bader, F.E., Augis, J.A. A comprehensive surface mount reliability model (CSMR) covering several generations of packaging and assembly technology 91152
Clechet, P., Martelet, C., Belin, M., Zarrad, H., Jaffrezic-Renault, N., Fayeuelle, S. Lubrication of silicon micromechanisms by chemical grafting of long-chain molecules 90320
Clee, M.J., Metaxas, A.C. An investigation into radio frequency arcing in latex foams 79012
Cleemput, M.Van *see* Van Cleemput, M.
Cleeves, M., Ramkumar, K., Gettle, R. A novel disposable post technology for self-aligned submicron contacts 71433
Cleff, W.C. *see* Brtis, J.S. 68143
Clegg, A.J., Williams, D.J. The strategic and competitive implications of recycling and design for disassembly in the electronics industry 100960
Clegg, A.W., Daehler, M., Kassim, N.E., Weiler, K.W. Global RF interference mapping with the OHFRIM satellite 83715
Clegg, K. *see* Sharp, C.D. 58241
Clegg, S. *see* Oleson, J. 79015
Clegg, S.T., Murphy, K.A., Joines, W.T., Rine, G., Samulski, T.V. Finite element computation of electromagnetic fields [hyperthermia treatment] 98931
Clegg, W.W. *see* Wright, C.D. 56224
Clegg, W.W. *see* Wright, C.D. 75874
Cleland, J.G. *see* Sousa, G.C.D. 100858
Cleland, W. *see* Benary, O. 53327
Cleland, W. *see* Benary, O. 98517
Cleland, W. *see* Benary, O. 98640
Clelland, I.W., Price, R.A. Precision film capacitors for high frequency resonant circuits 80929
Clemen, M. *see* Russ, J. 59135
Clemendot, S., Perez, H., Derost, G., Ruaudel-Teixier, A., Barraud, A., Bolbach, G., Blais, J.C., Roulet, H., Dufour, G., Dagoury, G. Phosphine sensing mechanism in conducting Langmuir-Blodgett films based on tetracyanoquinodimethane and ethylenedithiotetrathiofulvalene derivatives 66578
Clemendot, S.C. *see* Bolbach, G. 52972
Clemens, D., Schwarz, H. Optimal nonlinear control for power systems 99508
Clemens, J.C. *see* Gingrich, D. 53291
Clemens, P.C., Heise, G., Marz, R., Michel, H., Reichelt, A., Schneider, H.W. 8-channel optical demultiplexer realized as SiO_2/Si flat-field spectrograph 82700
Clement, A. Considering privacy in the development of multi-media communications 58106
Clement, A.E. *see* Gilbreath, G.C. 56869
Clement, D. *see* Derycke, A. 65459
Clement, J.J. *see* Atakov, E.M. 62520
Clement, M. *see* Elsener, K. 67194
Clement, M. *see* Milcent, E. 87246
Clement, R. Recent developments at Entreprises Electriques Fribourgeoises (EEF) 99488
Clement, T.S., Toth, C., Wu, J., Young, J.F. A reasonably practical XUV laser for applications 94324
Clemente, W.C., Villadold-Abrigo, F.L. The Bulalo geothermal field, Philippines: reservoir characteristics and response to production 53955
Clementi, A., Di Ianni, M. Optimum schedule problems in store and forward networks 64964
Clementi, J., McCreary, J., Niu, T.M., Palomaki, J., Varcoe, J., Hill, G. Flip-chip encapsulation on ceramic substrates 91015
Clementino, D., Fissore, L. A man-machine dialogue system for speech access to train timetable information 64334
Clementino, D., Giachin, E. Real-time continuous speech recognition integrating extensive grammars for spoken language 51375
Clementino, D., Giachin, E. Real-time continuous speech recognition integrating extensive grammars for spoken language 73920
Clementino, M.M. Hausdorff separation in categories 54668
Clements, D.W., Reid, R.A. Analytical MS/OR tools applied to a plant closure 60941
Clements, G.F. Another generalization of the Kruskal-Katona theorem 91287
Clements, J.H., III, Lo, J.T.-H. Recursive direction finding in the presence of sensor array uncertainties 84448
Clements, M.A. *see* Cummings, K.E. 73882
Clements, S. *see* Rourke, H.N. 72345
Clements, S.J. *see* Asghari, M. 58436
Clemons, L. Use of the AIMS model for media allocation for the AFPATS GBTS definition 59660
Clemons, L. Criterion referenced objectives: a road map for course design 59661
Clendenin, J. *see* Saez, P. 71024
Clendenin, J.E., Alley, R.K., Aoyagi, H., Frisch, J.C., Garden, C.L., Hoyt, E.W., Kirby, R.E., Klaisner, L.A., Kulikov, A.V., Prescott, C.Y., Saez, P.J., Schultz, D.C., Tang, H., Turner, J.L., Woods, M., Yeremian, A.D., Zolotorev, M.S. Performance of the SLC polarized electron source with high polarization 76743
Clendenin, J.E. *see* Tang, H. 71025
Clendenin, J.E. *see* Yeremian, A.D. 76724
Clendenin, J.L. The chasm between competition and regulation and the MFJ [telecommunication] 51886
Clenet, S., Astier, S., Lefevre, Y., Lajoie-Mazenc, M. Method of measurement of the natural frequencies and damping factors of permanent magnet synchronous machines 78611
Clerc, C. *see* Reyne, C. 90056
Clerc, C.F. *see* Tabiryan, N.V. 50592
Clerc, D., Lukosz, W. Integrated optical output grating coupler as biochemical sensor 66510
Clerc, F.Le *see* Le Clerc, F.
Clerc, G., Bearzatto, C., Bres, M., Faillon, G., Guidee, Ph. Considerations regarding the efficiency of high power RF sources for particle accelerators 67231
Clerc, G. *see* Da-Guang Ni 90169
Clerck, N.M.De *see* De Clerck, N.M.
Clercq, D.B.Le *see* Le Clercq, D.B.
Clercq, E.de *see* de Clercq, E.
Clergeot, H. *see* Larzabal, P. 84413
Clerici, C. An energy storage system. [Pb-acid batteries] 68984
Clerici, G. Electric road vehicles in Italy and in the world 60568
Clerici, T. MCR handling—a new approach 79274
Clerico, G., Rota, D. Optical fibre cables for communication networks, along pipelines 52521
Clericus, R. *see* Howell, D. 59444
Cleroux, M. *see* Swoger, J.H. 83097
Clesca, B., Bayart, D., Hamon, L., Beylat, J.L., Coeurjolly, C., Berthelon, L. Over 25 nm, 16-wavelength-multiplexed signal amplification through fluoride-based fibre-amplifier cascade 52588
Clesca, B., Coeurjolly, C., Bayart, D., Berthelon, L., Hamon, L., Beylat, J.L. Experimental demonstration of the feasibility of 40 Gbit/s transmission through 440 km standard fibre 58400
Clesca, B., Desthieux, B., Jourdan, A., Bayart, D., Hamon, L., Beylat, J.L. Multiwavelength gain flatness assessment of fluoride-based fibre amplifiers using a circulating loop 72785
Clesca, B., Ronarc'h, D., Bayart, D., Sorel, Y., Hamon, L., Guibert, M., Beylat, J.L., Kerdiles, J.F., Semenkoff, M. Gain flatness comparison between erbium-doped fluoride and silica fiber amplifiers with wavelength-multiplexed signals 52596
Clesca, B. *see* Bayart, D. 56709
Clesca, B. *see* Bayart, D. 82967
Clesca, B. *see* Bayart, D. 86399
Clesca, B. *see* Chesnoy, J. 97334
Cletcher, J.W. Reactor shutdown experience 68402
Cleton, F., Sieber, B., Bensaada, A., Isnard, L., Masut, R.A. Depth-resolved cathodoluminescence study of GaInP/InP heterojunctions grown by MOCVD 81318
Cleynenbreugel, J.Van *see* Van Cleynenbreugel, J.
Clibbon, K.L., McCowen, A. Efficient computation of SAR distributions from interstitial microwave antenna arrays 59349
Cliche, J.-F. *see* Ouellette, F. 97339
Cliche, L. *see* Laaziri, K. 55718
Clifford, P. *see* Jones, A.O. 88221
Clifford, P. *see* Jones, A.O. 88222
Clifford, R. *see* McGladdery, W.A. 97082
Clifford, S.F., Kaimal, J.C., Lataitis, R.J., Strauch, R.G. Ground-based remote profiling in atmospheric studies: an overview 53540
Clifft, B.E. *see* Pardo, R.C. 76297
Clift, C. *see* Bourguignon, J.G. 77891
Clifton, C. *see* Barbara, D. 96557
Climent, J., Alvarez, S. Low cost vision system for quality control 74285
Clinard, K.N. *see* Krishna Rao, M.V. 89253
Cline, D., Boden, A., Gabella, W., Garren, A., Wang, X. On an asymmetric correlated flavor factory 76545
Cline, D. *see* Barletta, B. 76636
Cline, D. *see* Benetti, P. 67327
Cline, D. *see* Benetti, P. 67328
Cline, D. *see* Carrigan, R.A., Jr. 59039
Cline, D. *see* Cennini, P. 67285
Cline, D. *see* Cennini, P. 76755
Cline, D.B. Liquid krypton detector for the California Φ Factory 67330
Cline, D.B. Physics potential of a few hundred GeV $\mu^+\mu^-$ collider 98383
Cline, H.C. *see* Wilkins, R. 61998
Cline, R. *see* Song, P.S. 87799
Clinthorne, N.H. Are hydrogenated amorphous silicon arrays usable for tomographic imaging? 88435
Clinthorne, N.H. *see* Antonuk, L.E. 59363
Clinthorne, N.H. *see* Antonuk, L.E. 88367
Clinthorne, N.H. *see* Petrick, N. 87964
Clinthorne, N.H. *see* Petrick, N. 98703
Cloeren, J.M. *see* Norton, J.R. 59507
Cloete, J.H. *see* Raab, R.E. 83631
Cloonan, T.J. Comparative study of optical and electronic interconnection technologies for large asynchronous transfer mode packet switching applications 58267
Cloonan, T.J. *see* Lentine, A.L. 86022
Close, A., Kuczenski, G. Towards an integrated design environment 60599
Close, R., Nakajima, Y., Tamura, S., Naito, H., Harada, K., Kozuka, T. Optical flow by generalized moment transform 64714
Closset, J.-L. Reasoning about electricity and water circuits: teaching consequences in electricity 79179
Cloud, G.L. *see* Nokes, J.P. 70186
Cloude, S.R., Pottier, E. Matrix difference operators as classifiers in polarimetric radar imaging 52626
Cloude, S.R. *see* Lawton, S. 54234
Clough, F.J. *see* Binns, M.D. 49599
Clough, R. *see* Banerjee, A. 100523
Clough, R. *see* Glatfelter, T. 100731
Clout, R. *see* Kaynak, A. 73391
Clowes, S. *see* Duerdoth, I. 88207
Cluckie, A. *see* Bradnam, M.S. 88491
Cluckie, J., Barker, J.R. Two-body quantum transport theory of interacting electrons in laterally patterned semiconductor 2DEG structures 62290
Clum, J.A. *see* Powers, T.A. 79977
Clum, K.L. *see* Pazda, R.J. 64083
Clune, T. *see* Mardirossian, G. 59378
Clunie, J.G., Kuijlaars, A.B.J. Approximation by polynomials with restricted zeros 79668
Clymer, J.R., Bandukwala, H., Corey, P.D. Induction of classification rules from noisy sonar features 74097
Clyne, L. ATM pilots 65241

Clyne, L. Report from the ATM Task Force 85455
Clyne, L. SuperJANET: Advanced networking for the UK education and research community 85697
Clyne, L. SuperJANET update 85733
Cnops, J. *see* Philips, D. 63158
Co, R.S., Mulligan, J.H., Jr. Optimization of phase-locked loop performance in data recovery systems 80190
Coadou, B. *see* Bonin, B. 67067
Coakley, F. *see* Hadjitheodosiou, M.H. 86247
Coakley, F.P. *see* Bi, G. 92408
Coakley, F.P. *see* Hadjitheodosiou, M.H. 65715
Coakley, F.P. *see* Sun, Z. 52209
Coakley, F.P. *see* Sun, Z. 65714
Coalson, R.D., Pant, D.K., Ali, A., Langer, D.W. Computing the eigenmodes of lossy field-induced optical waveguides 72386
Coan, T.E. *see* Adam, A. 88087
Coan, T.E. *see* Adam, A. 88102
Coan, T.E. *see* Adriani, O. 88023
Coan, T.E. *see* Ahlen, S.P. 59097
Coane, P. *see* Shahidi, G.G. 71790
Coane, P. *see* Shahidi, G.G. 71797
Coane, P.J. *see* Taur, Y. 93612
Coast, D.A. Segmentation of high-resolution ECGs using hidden Markov models 77004
Coate, J.E. *see* Tran, T. 52924
Coates, B. *see* Marshall, A. 55204
Coates, B. *see* Nowick, S.M. 92049
Coates, D.K., Fox, C.L., Miller, L.E. Hydrogen-based rechargeable battery systems: military, aerospace, and terrestrial applications. I. Nickel hydrogen batteries 78785
Coates, R. Underwater acoustic communications 97366
Coates, R., Stoner, R., Wang, L.S. The BASS 600 underwater acoustic communication link 97369
Coates, R. *see* Zielinski, A. 97368
Coatu, S. *see* Hurdubetiu, S. 69434
Coban, A. *see* Al-Jarallah, M.I. 88200
Coban, A. *see* Naqvi, A.A. 67309
Coban, A. *see* Naqvi, A.A. 87961
Coban, A. *see* Naqvi, A.A. 87962
Coban, A.L., Allen, P.E. Low-voltage, four-quadrant, analogue CMOS multiplier 63007
Coban, A.L., Allen, P.E. Low-voltage CMOS transconductance cell based on parallel operation of triode and saturation transconductors 70777
Cobb, D. *see* Hashemi, H. 91061
Cobb, J., Tatchyn, R. Tests of planar permanent magnet multipole focusing elements 87748
Cobb, J. *see* Winick, H. 83178
Cobb, J.K. *see* Tenenbaum, P. 76679
Cobb, N., Zakhor, A. Large area phase-shift mask design 71485
Cobb, S., Cohen, C., Parkinson, B. Kinematic GPS landing system architecture and flight test results 77129
Cobbley, D.A. Multipoint LAN conferencing 74959
Cobbold, R.S.C. *see* Gibson, W.G.R. 88387
Coblentz, D. *see* Jiang, X.P. 94445
Coblentz, D. *see* Patel, D. 83129
Coblentz, D. *see* Temkin, H. 56782
Cobos, J.A., Garcia, O., Sebastian, J., Uceda, J. Resonant reset forward topologies for low output voltage on board converters 61536
Cobos, J.A., Garcia, O., Sebastian, J., Uceda, J. RCD clamp PWM forward converter with self driven synchronous rectification 91897
Coburn, J.W. Chlorine-enhanced F-atom etching of silicon 55771
Coburn, J.W. Ion-assisted etching of Si with Cl_2: the effect of flux ratio 71322
Coc, A. *see* Bogaert, G. 59020
Coca, S. *see* Chipara, M.I. 98652
Cocchini, F. Double coated optical fibers undergoing temperature variations. the influence of the mechanical behavior on the added transmission losses 63376
Cocciantelli, J.M. *see* Delmas, C. 90358
Coccioli, R. *see* Calamia, M. 73262
Coccioli, R. *see* Pelosi, G. 94791
Cocco, A.G. *see* Buontempo, S. 53296
Cocco, A.G. *see* Buontempo, S. 98502
Cocco, F. The calculation of short-circuit currents in low voltage systems 67988
Cocco, F. The connection of transformers in parallel 68679
Cocco, G.Di *see* Di Cocco, G.
Coccorese, E., Martone, R., Morabito, F.C. A neural network approach for the solution of electric and magnetic inverse problems 83462
Cocha, M., Jousselin, C., McKenzie, P., Hertz, M., Rousseau, J., Libert, J.F. Dispersion shifted fibre for very high bit rate amplified submarine applications 82565
Cochand, M. Probabilistic estimates for the generalized maximum satisfiability problem 48786
Cochet, P.Y. *see* Glavieux, A. 57334
Cochet, P.Y. *see* Mariotte, H. 83909
Cochetti, R.J. Intelligent communications: the complete solution 65618
Cochlovius, E. Graphic specifications for FPGA (field programmable gate array) specifications 92115
Cochran, A., Macfarlane, J.C., Morgan, L.N.C., Kuznik, J., Weston, R., Ling Hao, Bowman, R.M., Donaldson, G.B. Using a 77 K SQUID to measure magnetic fields for NDE 82385
Cochran, D., Chao Wei A wavelet-based multiple-access spread spectrum modulation scheme 74665
Cochran, D., Martin, R. Signal estimation with a noisy saturating sensor 64573
Cochran, J.F. *see* Heinrich, B. 63185
Cochran, J.G. *see* Payne, J.M. 58535
Cochran, J.K. *see* Meyer, R., Jr. 75938
Cochrane, D.S. *see* Doyle, D.C. 96510
Cochrane, P. Future networks 51907
Cochrane, P., Heatley, D.J.T. Reliability aspects of optical fibre systems and networks 52475
Cochrane, P., Heckingbottom, R., Heatley, D. The hidden benefits of optical transparency 86419
Cochrane, P. *see* Amin, S. 79643
Cochrane, P. *see* Butler, R.A. 51959
Cochrane, P. *see* Lyons, M.H. 74801
Cochrane, R.S. *see* Singh, P.K. 87487
Cochrane, R.W. *see* Bensaada, A. 55626
Cociglio, M. *see* Ferrero, F. 85699
Cocina, G. *see* Jituru, I.D. 68812
Cocito, G., Cognolato, L., Gnazzo, A., Bruschi, C., Cout, D. Erbium transfer to optical fiber preforms by vapour phase technique 56721
Cocito, G., Cognolato, L., Gnazzo, A., Bruschi, C., Cout, D. Erbium transfer to optical fiber preforms by vapour phase technique 82537
Cockayne, B. *see* Dhese, K.A. 70138
Cockayne, B. *see* Moze, O. 72033
Cockburn, B., Coquel, F., Lefloch, P. An error estimate for finite volume methods for multidimensional conservation laws 69800
Cockburn, B., Triandaf, I. Error estimates for a finite element method for the drift-diffusion semiconductor device equations: the zero diffusion case 71563
Cockburn, J.W. *see* Buckle, P.D. 62269
Cockburn, J.W. *see* Teissier, R. 81785
Cocke, B., Westlander, G., Aberg, E. Models of job enlargement tested and evaluated from the point of view of physical health and job satisfaction 65211
Cocke, B. *see* Aberg, E. 65212
Cocke, B. *see* Westlander, G. 65213
Cockerham, K.E. System testing of emergency power systems 67973
Cockerill, T.M., Forbes, D.V., Dantzig, J.A., Coleman, J.J. Strained-layer InGaAs-GaAs-AlGaAs buried-heterostructure quantum-well lasers by three-step selective-area metalorganic chemical vapor deposition 63776
Cockerill, T.M., Lammert, R.M., Forbes, D.V., Osowski, M.L., Coleman, J.J. Twelve-channel strained-layer InGaAs-GaAs-AlGaAs buried heterostructure quantum well laser array for WDM applications by selective-area MOCVD 72917
Cockerill, T.M. *see* Crook, A.C. 56431
Cockerill, T.M. *see* Lammert, R.M. 83162
Cockerill, T.M. *see* Lammert, R.M. 94503
Cockings, O. *see* Narain, S. 75006
Cockings, O. *see* Narin, S. 86339
Cockrum, C.A. *see* de Lyon, T.J. 61258
Coco, D.S., Coker, C.E., Bishop, G.J. A realtime GPS ionospheric monitor system 73333
Coco, S. *see* Aiello, G. 73408
Coco, S. *see* Aiello, G. 80877
Coco, S. *see* Aiello, G. 83465
Coco, S. *see* Alfonzetti, S. 73225
Cocoziello, A. *see* Yang, G.-R. 92973
Cocquerelle, J., Tortel, V. Analytical study of the set : "AC-AC converter-transformer-rectifier-capacitor" 90116
Cocquerelle, J. *see* Mamoune, A. 90117
Cocquerez, J.-P. *see* Zahid, H. 84866
Codastefano, P. *see* Bolle, G. 87239
Coddington, P. *see* Anupindi, K. 99588
Codenotti, B., Leoncini, M., Resta, G. Oracle computations in parallel numerical linear algebra 48882
Codino, A. *see* Brunetti, M.T. 87957
Codrescu, M. *see* Horenstein, M. 52833
Codutti, A. *see* Walker, R.P. 67242
Cody, J.G., Mathine, D.L., Droopad, R., Maracas, G.N., Rajesh, R., Carpenter, R.W. Application of the digital alloy composition grading technique to strained InGaAs/GaAs/AlGaAs diode laser active regions 56751
Coe, C. *see* Guy, J. 68959
Coe, S.E. *see* Allen, P.C. 76133
Coelho, P.H.G. *see* Albuquerque, J.P.A. 86097
Coelho, R., Tohme, S. Video coding mechanism to predict video traffic in ATM networks 74643
Coen, G., Fache, N., De Zutter, D. Comparison between two sets of basis functions for the current modeling in the Galerkin spectral domain solution for microstrips 51193
Coen, R. *see* Vook, D. 61908
Coenen, M. Proper circuit design; a guarantee for whole-life EMC 51139
Coenen, M. Design tools, simulation and verification. A third party or product manufacturer responsibility? 57142
Coetzee, J.C., Malherbe, J.A.G. Efficient matrix element calculations for the spectral domain method applied to symmetrical multiconductor transmission lines 51165
Coeurjolly, C. *see* Bayart, D. 86399
Coeurjolly, C. *see* Clesca, B. 52588
Coeurjolly, C. *see* Clesca, B. 58400
Coey, J.M.D. *see* Brennan, S. 72012
Coey, J.M.D. *see* Skomski, R. 50210
Coey, J.M.D. *see* Skomski, R. 72183
Coffa, S. *see* Battaglia, A. 71082
Coffa, S. *see* Franzo, G. 50686
Coffeen, L.T. *see* McBride, J.E. 68238
Coffer, J.G. *see* Chodzko, R.A. 82921
Coffey, H.T. *see* Cai, Y. 90590
Coffey, J. *see* Ford, K.M. 76955
Coffey, K.R. *see* Hylton, T.L. 63198
Coffey, K.R. *see* Parker, M.A. 71934
Coffey, P. *see* Bowden, S. 100705
Coffey, R.R. *see* Stuart, J.R. 99036
Coffin, J.B. *see* Iwasa, Y. 82442
Coffman, R. *see* Frank, J. 75610
Cofrancesco, P. *see* Halamek, J. 74127
Cofrancesco, P. *see* Kasal, M. 66161
Cogan, A.I., Sooknanan, K., Max, L.B. Linear RF power with silicon JFETs 80139
Cogan, A.I., Sooknanan, K., Max, L.B. RF FET amplifier modules exhibit high IP3 without feedforward 91911
Cogan, D.De *see* De Cogan, D.
Cogan, J. *see* Barrios, J. 59548
Coggins, D., Dennis, P. Digital video: services, technology and architecture 51939
Coggins, D. *see* Yee-Hsiang Chang 52716
Coggins, J.M. *see* Graves, E.B. 74419
Coggins, J.M. *see* Pizer, S.M. 74258
Coggins, R. *see* Jabri, M. 49593
Coghill, G.G. *see* Kia, S.J. 51401
Cogitore, B., Keradec, J.P., Barbaroux, J. The two-winding transformer: an experimental method to obtain a wide frequency range equivalent circuit 78678
Cogitore, B. *see* Keradec, J.P. 54063
Coglianese, L. *see* Batory, D. 88675
Coglianese, L. *see* Tracz, W. 59505
Cognac-Auradou, H. *see* Delmas, C. 90358
Cognolato, L., Gnazzo, A., Sordo, B., Bruschi, C. Erbium doped silica fibers for optical amplifiers 82983
Cognolato, L. *see* Cocito, G. 56721
Cognolato, L. *see* Cocito, G. 82537
Cogswell, M. *see* Armstead, M. 92265
Cohan, D., Gess, D. Integrated life-cycle management 90872
Cohen, A., Mrabet, R. AMS: an integrated simulator for open systems 75004
Cohen, C. *see* Cobb, S. 77129
Cohen, C.E., Parkinson, B.W., McNally, B.D. Flight tests of attitude determination using GPS compared against an inertial navigation unit 88656
Cohen, D. *see* Buir, J.E. 82803
Cohen, D. *see* Felderman, R. 65302
Cohen, D. *see* Ruther, R. 92975
Cohen, D. *see* Xu, Y. 71476
Cohen, D.A. *see* I-Hsing Tan 87184
Cohen, D.A. *see* Jeavons, P. 73719
Cohen, D.D. *see* Hult, M. 49817
Cohen, D.D. *see* Johnston, P.N. 48992
Cohen, D.M., Heyman, D.P. An almost regenerative simulation of video teleconferencing traffic 75105
Cohen, E. *see* Ashkinadze, B.M. 62183
Cohen, E. *see* Chien, C. 97007
Cohen, E.D. Active electronically scanned arrays 75609
Cohen, E.D. Active electronically scanned arrays 83879
Cohen, E.R., Tuninsky, V.S. The extended-least-squares treatment of correlated data 79684
Cohen, F.S. *see* Zhaohui Huang 84813
Cohen, G., Huguet, L., Zemor, G. Bounds on generalized weights 73655
Cohen, G., Monk, P. Gauss point mass lumping schemes in electromagnetism 73268
Cohen, G. *see* Winkler, C. 97018
Cohen, G., Litsyn, S., Lobstein, A., Zemor, G. *(editors)* Algebraic Coding. First French-Israeli Workshop Proceedings 60772
Cohen, H.B. A Mobitex wireless modem implementation 75144
Cohen, I. *see* Tang, W. 53669
Cohen, J. *see* Mills, M. 66072
Cohen, J.B. *see* Storey, B.A. 88693
Cohen, J.D., Fan Zhong, Unold, T., Hautala, J. Electronic properties of amorphous silicon and amorphous silicon-germanium alloys 81193
Cohen, K.P., Panescu, D., Booske, J.H., Webster, J.G., Tompkins, W.J. Design of an inductive plethysmograph for ventilation measurement 59360
Cohen, L. Instantaneous 'anything' 84408
Cohen, L.F. *see* Dou, S.X. 63301
Cohen, L.G. *see* Yaffe, H.H. 72385
Cohen, L.H., van Eijk, A.M.J., de Leeuw, G. Pulsed heterodyne CO_2 laser rangefinder and velocimeter with chirp correction 83405
Cohen, M., Kopeika, N.S. A near UV envelope detector in the prebreakdown regime based on photoionization of excited gas atoms 52862
Cohen, M., Kopeika, N.S. Prebreakdown gas tube detector of near UV radiation based on

photoionization of excited states: time response to short N_2 laser pulses 87178
Cohen, M. *see* Franco, H. 73782
Cohen, M. *see* Xu, Y. 71476
Cohen, M.F. *see* Schroder, P. 64768
Cohen, M.G. *see* Yung-Ho Chuang 62575
Cohen, M.J., Olsen, G.H. Room temperature InGaAs camera for NIR imaging 66421
Cohen, M.S., DeFranza, M.J., Canora, F.J., Cina, M.F., Rand, R.A., Hoh, P.D. Improvements in index alignment method for laser-fiber array packaging 83043
Cohen, M.S., DeFranza, M.J., Canora, F.J., Cina, M.F., Rand, R.A., Hoh, P.D. Improvements in index alignment method for laser-fiber array packaging 97364
Cohen, M.S. *see* Tichem, M. 72348
Cohen, R. Smooth intentional rerouting and its applications in ATM networks 65475
Cohen, R. "Session swapping": a new approach for optimal bandwidth sharing of ring circuit switched channels 85238
Cohen, R., Berkovic, G. Creation of second-order nonlinearity in polymers by light-induced asymmetric charge injection 73058
Cohen, R., Ofek, Y. Reliable transmission of data over a semi-FIFO routing layer 65322
Cohen, R., Patel, B.V., Schaffa, F., Willebeek-LeMair, M. The sink tree paradigm: connectionless traffic support on ATM LANs 65284
Cohen, R., Segall, A. A new protocol for route discovery in multiple-ring networks. I. The basic protocol 51833
Cohen, R., Segall, A. A new protocol for route discovery in multiple-ring networks. II. Multicast, recovery and high-speed processing 51841
Cohen, R., Segall, A. Multiple logical token-rings in a single high-speed ring 57985
Cohen, R., Segall, A. An efficient priority mechanism for token-ring networks 58142
Cohen, R., Segall, A. Connection management and rerouting in ATM networks 64945
Cohen, R., Segall, A. Distributed priority algorithms under one-bit-delay constraint 96221
Cohen, R.C. *see* Wennberg, P.O. 67814
Cohen, R.J. *see* Bin He 98906
Cohen, R.J. *see* He, B. 67544
Cohen, R.L. LANs need protection on the signal side also 58211
Cohen, R.M. *see* Chen, C.Y. 49895
Cohen, S., Grace, D. Engineers and social responsibility: an obligation to do good 69369
Cohen, S., Ketselidou, Z. DAISA: a calibration tool for automatic incident detection algorithms. Application on the Paris Ringway 97767
Cohen, S. *see* Donahue, J. 66950
Cohen, S. *see* MacKerrow, E.P. 98462
Cohen, S. *see* Paraszczak, J. 93255
Cohen, S. *see* Sturrock, J.C. 76825
Cohen, S. *see* Taur, Y. 62851
Cohen, S.A., Regan, K.S. Electro-static discharge and vacuum fixtures: a case study 81062
Cohen, S.L. *see* Kunesh, R.F. 62374
Cohen, S.S., Gildenblat, G.Sh. On the frequency-dependent capacitance of the nitride-oxide-nitride capacitor 80909
Cohen, S.S., Gleason, E.F., Wyatt, P.W., Raffel, J.I. A flat-aluminum based voltage-programmable link for field-programmable devices 55239
Cohen-Solal, G., Bailly, F., Barbe, M. Critical thickness in heteroepitaxial growth of zinc-blende semiconductor compounds 61292
Cohn, A., Hay, G.A., III, Hollenbacher, R.H. The collaborative advanced gas turbine programme 68460
Cohn, D.B., Fox, J.A., Swim, C.R. Wavelength agile CO_2 laser for chemical sensing 87314
Cohn, H. *see* Brown, D. 59084
Cohn, H. *see* Young, K.G. 76765
Cohn, L., Hosack, H.H., Cherne, R., Fechner, P. SIMOX circuit reliability 93667
Cohn, M., Freitag, R.G., Henry, H.G., Degenford, J.E., Blackwell, D.A. A 94 GHz MMIC tripler using anti-parallel diode arrays for idler separation 80833
Cohn, M. *see* Storer, J.A. *(editor)* 54297
Cohn, R.W., Horner, J.L. Effects of systematic phase errors on phase-only correlation 84729
Cohn, R.W., Minhua Liang Approximating fully complex spatial modulation with pseudorandom phase-only modulation 74350
Cohn, S.A. Investigations of the wavelength dependence of radar backscatter from atmospheric turbulence 99197
Cohn, S.A. *see* Rogers, R.R. 88779
Cohol, J.M. *see* Tiebin Zhao 89262
Cohoon, J.P. *see* Alexander, M.J. 91737
Cohoon, J.P. *see* Ganley, J.L. 49066
Coiante, D. *see* Barra, L. 53971
Coic, Y.M., Musseau, O., Leray, J.L. A study of radiation vulnerability of ferroelectric material and devices 71870
Coic, Y.M. *see* Ferlet-Cavrois, V. 70471
Coic, Y.M. *see* Musseau, O. 70478
Coifman, R.R., Wickerhauser, M.V. Adapted waveform analysis as a tool for modeling, feature extraction, and denoising 74044
Coimbra, A.P.B. *see* Pinto, J.A.D. 89926
Coiro, S. *see* Cappellini, V. 65144
Cojan, M., Taisne, J.-P. Arresters to prevent people from hazards in the vicinity of overhead line supports 53766
Cojazzi, G. *see* Cacciabue, P.C. 89488
Cojocaru, E. Simple relations for different resonators of solid-state lasers 63898
Cojocaru, E. Empirical relations and figure of merit functions for thermal material processings with high-power lasers 64043
Cojocaru, G., Martin, D., Ivanov, E., Braic, V. Some special microwave structures for ECRIS 53170
Cojocaru, G. *see* Martin, D. 67271
Cojocaru, G. *see* Martin, D. 68709
Coker, C.E. *see* Coco, D.S. 73333
Coker, J.D. *see* Kerwin, G.J. 50332
Cokgor, I., Handerek, V.A., Rogers, A.J. Rapid mapping of transverse stresses along a highly-birefringent optical fibre 50506
Cokkinides, G. *see* Beker, B. 80744
Col, K. *see* Zilka, Z. 61483
Cola, A. *see* Bencivelli, W. 67526
Cola, A. *see* Muret, P. 71167
Colaizzi, J., Matthewson, M.J. Mechanical durability of ZBLAN and aluminum fluoride-based optical fiber 82591
Colangelo, P. *see* Caviglia, D.D. 55358
Colapicchioni, C. *see* Campanella, L. 66220
Colas, D. *see* Breuze, G. 75435
Colas, J. *see* Aguilera, S. 98987
Colas, J. *see* Gingrich, D. 53291
Colban, D. *see* Wirtz, R.A. 79406
Colbert, M. *see* Scribner, D.A. 66484
Colbourn, C.J., Harms, D.D. Evaluating performability: most probable states and bounds 74753
Colbow, K. *see* Miremadi, B.K. 98142
Colbow, K. *see* Schilling, O. 98173
Colbow, K. *see* Zhang, J. 76107
Colbow, K.M., Cramm, S., Malten, C., Eberhardt, W. Photoemission study of the growth of the NdF_3/Si(111) interface 93072
Colburn, W.S. *see* June-Koo Rhee 94667
Colby, E. *see* Rosenzweig, J.B. 76722
Colby, J. *see* Lanera, D. 89374
Colchester, A.C.F. *see* Robinson, G.P. 84605
Colchester, R.J. *see* Burtin, G. 76611
Colclaser, R.A. Career exploration internships—a win-win situation 54391
Colclough, M.S. *see* Miklich, A.H. 63312
Coldren, L.A., Young, D.B., Peters, M.G., Peters, F.H., Scott, J.W., Barron, C.C., Thibeault, B.J., Corzine, S.W. Microcavity optoelectronic devices 63907
Coldren, L.A. *see* Barron, C.C. 97999
Coldren, L.A. *see* Hu, S.Y. 94452
Coldren, L.A. *see* Hu, S.Y. 94467
Coldren, L.A. *see* Hu, S.Y. 94501
Coldren, L.A. *see* Jayaraman, V. 56785
Coldren, L.A. *see* Jayaraman, V. 83112
Coldren, L.A. *see* Lee, S.-L. 63483
Coldren, L.A. *see* Peters, F.H. 94506
Coldren, L.A. *see* Scott, J.W. 72826
Coldren, L.A. *see* Scott, J.W. 83143
Coldwell, J.N. *see* James, M.R. 99075
Cole, B. *see* Bourianoff, G. 66878
Cole, B. *see* Cai, Y. 66902
Cole, B. *see* Teeter, D. 80823
Cole, B. *see* Teeter, D. 92609
Cole, B.C., Doughty, R.L., Landis Floyd, H., Jones, R.A., Whelan, C.D. Creating a continuous improvement environment for electrical safety 60881
Cole, B.F. *see* Guo-chun Liang 53038
Cole, B.F. *see* Liang, G.-C. 80599
Cole, B.F. *see* Liang, G.-C. 98254
Cole, B.F. *see* Withers, R.S. 93976
Cole, D. Cost reductions in circuit-breaker maintenance programmes 68892
Cole, D., Moody, M., Sridharan, S. Intelligibility of reverberant speech enhanced by inversion of room response 95303
Cole, D. *see* Edjeou, A. 94825
Cole, D.G., Clark, R.L. Adaptive compensation of piezoelectric sensoriactuators 93804
Cole, E.H., Smeins, L.G., Stechman, J. Fast ASIC charge amp and voltage discriminator 98695
Cole, E.I., Jr., Soden, J.M., Rife, J.L., Barton, D.L., Henderson, C.L. Novel failure analysis techniques using photon probing with a scanning optical microscope 62947
Cole, G. Video compact disc 86698
Cole, H., Westerlaken, E. The control of solder ball formation during wave soldering using no clean fluxes and inert gas atmospheres 92743
Cole, H.S. *see* Liu, Y.S. 82869
Cole, J.B. *see* Goldfarb, M. 80790
Cole, J.S., Jr., Reynolds, T.M. SEEKSIM: a millimeter wave seeker simulation 53573
Cole, M., Debiak, T., Lom, C., Shephard, W., Sredniawski, J. High field conditioning of cryogenic RF cavities 67075
Cole, M., Kiasaleh, K.K. Performance of $\pi/4$-shifted DQPSK cellular mobile receivers in the presence of modulator impairments and slow Rayleigh fading 75288
Cole, M. *see* Lehrman, I.S. 71022
Cole, M.W. *see* McLane, G.F. 93216
Cole, P.L. *see* Pease, R.L. 71648
Cole, R., Lewis, D., Fortenberry, R., Weiss, J., Frank, R. EPRI creates instrumentation and control center at TVA plant 99929
Cole, R. *see* Fanty, M. 73820
Cole, R. *see* Johnson, K.F. 76427
Cole, R. *see* Schmid, P. 73886
Cole, R.A. *see* Muthusamy, Y.K. 95235
Cole, R.S. *see* Siqueira, G.L. 73352
Cole, R.S. *see* Thomas, H.J. 51112
Cole, T. *see* Bicknell-Tassius, R.N. 71283
Colef, G., Prigozy, S. Simplified PSPICE models for power switching devices 79163
Coleman, A. *see* Beaver, R. 62350
Coleman, C.J. A model of Doppler spread clutter 65878
Coleman, D. Layout level analysis 92698
Coleman, D. *see* Leslie, T. 62608
Coleman, D.D. *(editor)* GroupWare '92 79094
Coleman, J.D. *see* Wolfe, D.E. 86762
Coleman, J.J., Miller, B.I. Introduction to the special issue on strained-layer optoelectronic materials and devices 63769
Coleman, J.J. *see* Cockerill, T.M. 63776
Coleman, J.J. *see* Cockerill, T.M. 72917
Coleman, J.J. *see* Crook, A.C. 56431
Coleman, J.J. *see* Han, H. 83158
Coleman, J.J. *see* Lammert, R.M. 83162
Coleman, J.J. *see* Lammert, R.M. 94503
Coleman, J.J. *see* Smith, G.M. 50821
Coleman, J.J. *see* Smith, G.M. 72912
Coleman, J.L., Henderson, W., Taylor, P.G. A convolution algorithm for calculating exact equilibrium distributions in resource allocation problems with moderate user interference 51766
Coleman, P., Brandeberry, F., Friedrichs, C., Goren, Y., Grimm, T., Hulsey, G., Kwiatkowski, S., Propp, A., Taylor, L., Walling, L., Averbukh, J., Karliner, M., Petrov, V., Yakovlev, S. Status of the SSC LEB RF cavity 67076
Coleman, P.D. *see* Grimm, T.L. 87904
Coleman, P.D. *see* Rogers, J.D. 67180
Coleman, P.D. *see* Schaffer, G. 67132
Coleman, R.E. *see* Li, J. 59362
Coleman, R.E. *see* Smith, M.F. 59326
Coleman, R.E. *see* Wang, H. 59298
Coleman, W.E. Stencils for ultra fine pitch solder paste printing 92784
Coles, B.S. Equal opportunities in engineering education 90820
Coles, C., Frank, J., Metschuleit, J. A variable-parameter test bed for FLIR technology evaluation 66498
Coles, C. *see* Fisk, P.T.H. 86912
Coles, G.S.V. *see* Mousa-Bahia, A.A. 66568
Coles, G.S.V. *see* Williams, G. 87326
Coles, H. *see* Lester, G. 82739
Coles, P.C. *see* Balchin, M.J. 78603
Coles, W.A., Frehlich, R.G., Kojima, M. Design of a 74-MHz antenna for radio astronomy 58527
Colestock, P. *see* Carrigan, R.A., Jr. 59039
Colestock, P. *see* Foley, M. 87917
Colestock, P.L., Klamp, L. A generalized model for parametric coupling of longitudinal modes in synchrotrons 87711
Colestock, P.L. *see* Harkay, K.C. 87921
Colestock, P.L. *see* Zhou, P. 87879
Colestock, P.L. *see* Zhou, P. 87920
Colet, P. *see* Mirasso, C.R. 50843
Colgan, E.G. Activation energy for Ostwald ripening of Al_2Cu in Al(4 wt.% Cu) thin films using a lateral diffusion couple 55831
Colgan, E.G., Rodbell, K.P., Cabral, C., Jr., Harper, J.M.E. Kinetics of Al grain growth, Al_2Cu precipitation, and dissolution in blanket thin films and fine lines 81575
Colgate, J.E. *see* Grace, K.W. 53443
Coli, V.J., Lipman, J. pFSB technology enables field programmability in an ASIC environment 70393
Colin, J.-M. *see* Julie, J.-J. 52644
Colin, M., Sales, B. A protocol architecture for integrated management of local and large networks 74750
Colin de Verdiere, J.M., Mleczko, A. Megapac and interconnection of local area networks 96907
Colineau, J., Lehureau, J.-C. SD-VCR: a high data rate versatile recorder 86790
Colinge, J.-P. *see* Francis, P. 63002
Colinge, J.P., Baie, X., Bayot, V. Evidence of two-dimensional carrier confinement in thin n-channel SOI gate-all-around (GAA) devices 62782
Colinge, J.P., Flandre, D., De Ceuster, D. P^+-P-P^+ pseudo-bipolar lateral SOI transistor 81823
Colinge, J.P., van de Wiele, F., Flandre, D. Subthreshold slope of accumulation-mode p-channel SOI MOSFETs 93473
Colinge, J.P. *see* Flandre, D. 93476
Colinge, J.P. *see* Francis, P. 50088
Colinge, J.P. *see* Gentinne, B. 93647
Colinge, J.P. *see* Simoen, E. 71773
Coll, B. *see* Chaparro, A.M. 81334
Coll, C., Caselles, V., Sobrino, J.A., Valor, E. On the atmospheric dependence of the split-window equation for land surface temperature 53525
Coll, D.C. Communications engineering: a new discipline for the 21st century 60778
Colla, A.M. *see* Caviglia, D.D. 55358
Colla, E.L. *see* Reaney, I.M. 82097

Colla, T.J., Vicanek, M., Simon, G. Heat transport in melt flowing past the keyhole in deep penetration welding 94701
Collar, J.I. *see* Avignone, F.T. 67288
Collard, D. *see* Senez, V. 93157
Collay, R. Calibration chains of the National Bureau of Metrology 75829
Colle, C. *see* Cottino, E. 52492
Colledani, C. *see* Straver, J. 88089
Colledani, C. *see* Turchetta, R. 98692
Colledani, F., Bourles, H., Vanhersecke, M.-P. Robust controller with local linearizing feedback for frequency/power control of power plants 89616
Colleen Sanders, P. *see* Barnes, G.T. 53386
Coller, J. *see* Abe, K. 88115
Coller, J. *see* Antilogus, P. 59064
Coller, J. *see* Antilogus, P. 59127
Collet, C., Quinquis, A. Velocity mapping of infrared cloudy skies 67802
Collet, C. *see* Quinquis, A. 57793
Collet, G.J. *see* Kirby, R.E. 71023
Collet, J. *see* Ancelin, C. 68377
Collet, M. *see* Thuries, E. 78748
Collet, P., Terrien, J.C., Cuidee, Ph. Initial commissioning of high power, long pulse klystrons for SSC injector linacs 62097
Collett, M., Pedrycz, W. Application of neural networks for routing in telecommunications networks 85376
Colley, A.D., Villarreal, F., Baker, H.J., Hall, D.R. High brightness slab waveguide carbon monoxide laser 56622
Colley, R., Jenkyn-Jones, B. Environmental impacts of lighting: cradle-to-grave analysis 54247
Colley, R.W. *see* Khadem, M. 78309
Collier, A.J. *see* Hines, P.C. 99256
Collier, B.R., Kim, H.S. Effect of multiplexed sub-ATM rate inter-LAN traffic on input queueing ATM switches 85254
Collier, D., Cox, W.M. Modern plant corrosion surveillance systems 87593
Collier, D., Goldstone, L. The multimode array—improved versatility through enhanced SAR 88685
Collier, D.C. Ferroelectric phase shifters for phased array radar applications 52646
Collier, D.C. Ferroelectric phase shifters for phased array radar applications 58489
Collier, J.G. Nuclear power in the United Kingdom—the end of the beginning? 60050
Collier, K.I. *see* Burton, R.G. 88936
Collier, M. *see* O'Donohoe, B. 65247
Collier, P. *see* Bailey, R. 76434
Collier, R.J. On-wafer probing at 140 GHz [MMICs] 49669
Collier, W. *see* Britton, C.L. 71809
Collier, W. *see* Lock, J.S. 67366
Collier, W.C., Weiland, R.J. Smart cars, smart highways 69170
Collin, R.E. Full wave theories for rough surface scattering: an updated assessment 94773
Collin, S. UNICOM: Moving into Asia 85498
Collings, I.B., Moore, J.B. An HMM approach to adaptive demodulation of QAM signals in fading channels 95485
Collings, N., Xue, W. Liquid-crystal light valves as thresholding elements in neural networks: basic device requirements 56471
Collings, P. *see* Linzel, R.C. 79056
Collins, A.L., Collins, M.W., Hunter, J. The application of tomographic reconstruction techniques to the extraction of data from holographic interferograms 73160
Collins, A.T. *see* Freitas, J.A., Jr. 71083
Collins, A.T. *see* Gheeraert, E. 71296
Collins, B. *see* Ouellette, M. 69206
Collins, B.L., Treado, S., Ouellette, M.J. Performance of compact fluorescent lamps at different ambient temperatures 90633
Collins, C.E., Dildine, R., Pollard, R.D., Miles, R.E. A new method for determination of single sideband noise figure 87495
Collins, C.S. *see* Wasenko, J.J. 88400
Collins, D. *see* Arshak, K.I. 75965
Collins, D. *see* Arshak, K.I. 97976
Collins, D. *see* Chan, M.A. 66382
Collins, D.A., Wang, M.W., Grant, R.W., McGill, T.C. Reflection high energy electron diffraction observation of exchange reaction dynamics on InAs surfaces 55557
Collins, D.J., Strojwas, A.J., White, D.D., Jr. A CFD model for the PECVD of silicon nitride 61347
Collins, D.J. *see* Mozumder, P.K. 79926
Collins, E.R., Jr., Boyd, P.B., Smith, A.O. Improved methods for determining the equivalent circuit parameters for single-phase induction motor models 68605
Collins, E.R., Jr., Huang, Y. A programmable dynamometer for testing rotating machinery using a three-phase induction machine 89996
Collins, E.R., Jr. *see* Camacho, S.M. 90504
Collins, F.M., Mathias, W.M. Precision high-value chip resistors 80899
Collins, G. *see* Chang, C.C. 59171
Collins, G.A., Tendys, J. Measurements of potentials and sheath formation in plasma immersion ion implantation 62389
Collins, G.B. *see* Ghandakly, A.A. 59951
Collins, G.E., Krandick, W. An efficient algorithm for infallible polynomial complex root isolation 69794
Collins, H. Can surface mount connectors stand the heat? 49718
Collins, J. *see* Ellison, M. 66909
Collins, J. *see* Li, D. 98409
Collins, J. *see* Liu, J.Y. 98399
Collins, J. *see* Syphers, M.J. 66966
Collins, J. *see* Wang, Y. 66910
Collins, J.J., McDonald, M. Task simulator for evaluating driver information acquisition 98746
Collins, J.J. *see* Digiorgio, B.E. 78462
Collins, J.P. *see* Harding, D.J. 76674
Collins, J.P. *see* Linehan, L.L. 81639
Collins, J.P. *see* Puttlitz, E.A. 81643
Collins, J.T. *see* Shu, D. 87751
Collins, J.V. *see* Maxwell, G.D. 83108
Collins, K.J., French, J., Jensen, A.C. Electromagnetic tracking of lobsters on an artificial reef 99285
Collins, K.W. *see* Marine, S.S. 81596
Collins, M.W. *see* Collins, A.L. 73160
Collins, P. A quality look at quality management 69581
Collins, P., Nussey, I. UK quality management—policy options 60985
Collins, P., Yu, S., Eckersall, K.R., Jervis, B.W., Bell, I.M., Taylor, G.E. Application of Kohonen and supervised forced organisation maps to fault diagnosis in CMOS opamps 91926
Collins, P. *see* Ahmed, S. 49095
Collins, R.A., Abass, A.K., Pfeiffer, M. Electrical characteristics of Au-PbPc-Au thin film sandwich devices on exposure to O_2 and Cl_2 76096
Collins, R.A., Parr, A.T.J., Krier, A. Gas sensitivity of erbium diphthalocyanine 87324
Collins, R.A. *see* Abass, A.K. 58886
Collins, R.A. *see* Kaspar, J. 76097
Collins, R.D. *see* Shoesmith, J.P. 60448
Collins, R.E. *see* Wiszniewski, W.R. 63480
Collins, R.W. *see* Dawson, R.M.A. 100696
Collins, R.W. *see* Tieer Gu 55798
Collins, R.W. *see* Yang, S.-Y. 90448
Collins, S. Gas turbine powerplants 78443
Collins, S. *see* Marshall, G.F. 80504
Collins, S.A., von Flotow, A.H., Paduano, J.D. Analogue adaptive vibration cancellation system for Stirling cryocoolers 53508
Collins, S.D. *see* Garabedian, R. 66248
Collins, S.F., Huang, W.X., Murphy, M.M., Grattan, K.T.V., Palmer, A.W. Ranging measurements over a 20 metre path using an intensity-chirped laser diode 65929
Collins, S.M., O'Hanlon, J.F., Carlile, R.N. Effects of particle clouds in a plasma etch system on silicon dioxide wafer contamination 93218
Collins, S.M. *see* Carlile, R.N. 71395
Collins, S.R., Hall, R.B., Kendall, C.L., Checchi, J.C., Lampo, S.M., Bloothoofd, B., Ford, D.H., Rand, J.A., Bottenberg, W.R., Barnett, A.M. Silicon-film photovoltaic manufacturing technology 90420
Collins, T. *see* Kipnis, I. 88250
Collins, T. *see* Kipnis, I. 98686
Collis, B., de Vries, P. Telecommunications projects in European secondary schools 85486
Collis, I., Miyazaki, K., Takeuchi, H. ISR (interactive status reporting)—a new approach to equipment management 97535
Collot, J. *see* Gingrich, D. 53291
Collot, P., Nguyen-Van-Dau, F., Mathet, V. Monolithic integration of PbSe IR photodiodes on Si substrates for near ambient temperature operation 58791
Collura, J.S., Tremain, T.E. Vector quantizer design for the coding of LSF parameters 73837
Collura, J.S. *see* Tremain, T.E. 73871
Colmenares, N.J. The FCC on personal wireless 75219
Colnet, B., Bertrand, P. A neural network approach to array processing 74221
Colnet, B. *see* Di Martino, J.C. 65935
Colocci, M. *see* Beaumont, S.P. 88037
Colocci, M. *see* Emiliani, V. 62237
Colomb, C.M. *see* Stockman, S.A. 79925
Colomb, M. *see* Gratia, G. 98742
Colombeau, B., Vampouille, M., Kermene, V., Desfarges, A., Froehly, C. Spatial shaping of coherent waves inside a confocal laser 83023
Colombi, J.M., Anderson, T.R., Rogers, S.K., Ruck, D.W., Warhola, G.T. Auditory model representation and comparison for speaker recognition 64379
Colombi, J.M., Anderson, T.R., Rogers, S.K., Ruck, D.W., Warhola, G.T. Auditory model representation for speaker recognition 84126
Colombo, C. *see* Bartolini, F. 57799
Colombo, C. *see* Benedetto, V. 52309
Colombo, E., Kirschbaum, C.F., Jaen, M., Rabal, H. Assessment of defocused words and physical correlations 51628
Colombo, L., Westphal, G.H. Large volume production of HgCdTe by dipping liquid phase epitaxy 91523
Colombo, L. *see* Kim, J.S. 81237
Colombo, L. *see* Syllaios, A.J. 92961
Colombo, L. *see* Turner, A. 98114
Colombo, L. *see* Westphal, G. 91531
Colombo, P. *see* Wicks, G.W. 54851
Colombo, R. *see* Grandori, F. 53423
Colombo, R. *see* Pinna, G.D. 59391
Colonna, C.K. Pulse to pulse seeker simulator: a high fidelity 6 degree-of-freedom missile simulator 53574
Colonna, G., Longo, S., Esposito, F., Capitelli, M. Fourier-transform sensitivity analysis. Application to XeCl self-sustained discharge-laser kinetics 72669
Colonna, N. *see* Lisi, E. 88096
Colot, O. *see* Courtellemont, P. 57481
Colotla, I. *see* Hershler, C. 98753
Colpitts, T.S. *see* Venkatasubramanian, R. 100688
Colquitt, W.N. *see* Williams, B.A. 77610
Colsher, R. *see* Bankert, R.J. 68455
Colsher, R. *see* Cavanaugh, K. 68453
Colson, J.C. *see* Loose, D.C. 49706
Colson, W.B. *see* Hall, J. 83189
Colson, W.B. *see* Quick, D.D. 83190
Colson, W.B. *see* Wong, R.K. 83188
Colter, P.C. *see* Vernon, S.M. 54964
Colton, E. *see* Wang, T. 87918
Colton, R.J. *see* Altman, E.I. 61404
Colton, R.J. *see* Hues, S.M. 56180
Colton, R.J. *see* Sinnott, S.B. 81688
Coltrin, M.E. *see* Dandy, D.S. 79938
Coltrin, M.E. *see* Hsu, W.L. 54969
Colucci, A. *see* Montecchi, M. 72976
Coluccia, M., Gaggio, G., Guarna, S., Spazzafumo, G. Pre-feasibility analysis of an energy supply system for Southern Europe: technical aspects 89190
Coluzza, C. *see* Abrami, A. 98715
Coluzza, C. *see* Almeida, J. 87994
Colven, M.D. *see* McMath, W.S. 97887
Colvin, V.L., Schlamp, M.C., Allvisatos, A.P. Light-emitting diodes made from cadmium selenide nanocrystals and a semiconducting polymer 72639
Colwill, W., Geuther, J. Upgrading Yards Creek [pumped storage power plant] 78507
Colyer, B.F. *see* Ait-Sadi, R. 83449
Colzi, E. *see* Elia, C. 86656
Coma, J.R. Decoding a bit more than the BCH bound 73657
Comalada, S. Twists and reduction of an elliptic curve 91267
Coman, G., Gansca, I., Tambulea, L. Blending approximation [interpolation] 91342
Comaskey, B., Albrecht, G.F., Velsko, S.P., Moran, B.D. 24-W average power at 0.537 μm from an externally frequency-doubled Q-switched diode-pumped Nd:YOS laser oscillator 94402
Comaskey, B. *see* Velsko, S.P. 63702
Combarel, L., Lavan, E. HD-SAT (RACE 2075): HDTV broadcasting over Ka-band satellite, cable and MMDS 97655
Comber, M.G., Brewer, H.S. Applications, benefits and some recent experiences with polymer-housed line arresters 53830
Combes, J.-P., Godin, R. Lifetime management of the French nuclear power plants 89432
Combes, P., Michel, M., Renard, B. Formal verification of telecommunication service interactions using SDL methods and tools 96405
Combes, P. *see* Douchin, N. 73355
Combettes, P.L., Hong Puh Iterations of parallel convex projections in Hilbert spaces 48831
Combettes, P.L., Puh, H. Parallel projection methods for set theoretic signal reconstruction and restoration 85010
Combettes, P.L. *see* Bondon, P. 84428
Combi, C. *see* Pinciroli, F. 76995
Combley, F.H. *see* Beaumont, S.P. 88037
Combs, C. *see* Haworth, M. 76408
Combs, C.M. *see* Enegren, T. 67084
Combs, F., Ghoshal, K. A three stage approach to managing loads 89086
Comedi, D. *see* Fajardo, F. 62409
Comellini, E. Likely trends in electrical standards for transmission and distribution equipment 68174
Comer, D., Dewan, P., Russo, V., Steele, J., Young, M. Towards a mediaterminal 66075
Comer, D.T., Clark, R.L. Dynamic analysis of modulated oscillators 70317
Comer, G.E. *see* Hockley, C.J. 54585
Comerford, R. Mecha...what? [mechatronics] 78966
Comfort, J. *see* Shahidi, G.G. 71790
Comfort, J. *see* Shahidi, G.G. 71797
Comfort, J. *see* Subbanna, S. 92190
Comfort, J.H. *see* Burghartz, J.N. 71830
Comfort, J.H. *see* Cressler, J.D. 62702
Comfort, J.H. *see* Cressler, J.D. 93355
Comfort, J.H. *see* Harame, D.L. 61658
Comfort, J.H. *see* Harame, D.L. 71770
Comfort, J.H. *see* Shahidi, G.G. 92195
Comi, C. *see* Marques, D. 66743
Cominetti, M., Morello, A. Direct-to-home digital multi-programme television by satellite 97538
Comiso, J.C. Ice regimes in the Antarctic and the Arctic using satellite multichannel passive microwave data 77521
Comita, P. *see* Yung-Ho Chuang 62575
Commare, G.La *see* La Commare, G.

Commean, P.K., Smith, K.E., Bhatia, G., Vannier, M.W. Geometric design of a multisensor structured light range digitizer 58828
Commichau, V. *see* Adam, A. 88087
Commichau, V. *see* Adam, A. 88102
Commichau, V. *see* Adriani, O. 88023
Commisso, R.J. *see* Swanekamp, S.B. 90287
Compaan, A.D., Tabory, C.N., Shao, M., Fischer, A., Feng, Z., Bohn, R.G. RF sputtering of CdTe and CdS for thin film PV 90434
Compaan, A.D., Tabory, C.N., Yuxin Li, Zhirong Feng, Fischer, A. CdS/CdTe solar cells by RF sputtering and by laser physical vapor deposition 100491
Compaan, A.D. *see* Bohn, R.G. 100512
Compaan, A.D. *see* Whitacre, J. 100660
Compernolle, D.Van *see* Van Compernolle, D.
Compton, C. *see* Devore, J. 61554
Compton, K. Microprocessor control for monochrome CRT monitors 98231
Compton, R.C. *see* Davidson, A. 81222
Compton, R.C. *see* Gitin, M.M. 51226
Compton, R.C. *see* Martinez, R.D. 64247
Compton, R.C. *see* Martinez, R.D. 80842
Compton, R.C. *see* Schaff, W.J. 62904
Compton, R.C. *see* Vaughan, M.J. 73521
Compton, S. *see* Zhen-Hong Zhou 54895
Comunale, R.A., Casey, J.D., Jr. Reliability and life testing of color gas plasma display panels manufactured with in-process defect repair technology 87375
Conan, J. *see* Loundu, M.D. 86220
Conant, R.Van *see* Van Conant, R.
Conard, J.-Ph., Buyse, H., Labrique, F. Analysis of power electronic converters by recurrence equations 90120
Conard, J.Ph. *see* Garrido, M. 90074
Concannon, H.M. *see* Gauthier, D.J. 91934
Concetto, M.Di *see* Di Concetto, M.
Concha, L. *see* Drake, K. 48677
Conchy, Y.De *see* De Conchy, Y.
Conciauro, G. *see* Acerbi, E. 63871
Conciauro, G. *see* Arcioni, P. 49630
Conciauro, G. *see* Arcioni, P. 63888
Conde, C.A.N., Dos Santos, J.M.F., Bento, A.C.S.S.M. New concepts for the design of large area gas proportional scintillation counters 59105
Conde, C.A.N. *see* dos Santos, J.M.F. 98543
Conde, C.A.N. *see* Rachinhas, P.J.B.M. 88059
Conde, C.A.N. *see* Rachinhas, P.J.B.M. 98605
Conde, C.A.N. *see* Veloso, J.F.C.A. 81157
Conde, F. *see* del Real, R.P. 72002
Conde, H. *see* Crawford, J.F. 77054
Conde, J.F. *see* Shen, D.S. 62202
Conde, M.E., Chattopadhyay, S., Kim, K.-J., Kwon, S.-I., Leung, K.-N., Young, A.T. Electron quantum yields from a barium photocathode illuminated with polarized light 71027
Condon, C., Keuneke, S. Metaphors and layers of signification: The consequences for advanced user service interfaces 96443
Condra, L.W., Kromholtz, G.A., Pecht, M.G., Hakim, E.B. Using plastic-encapsulated microcircuits in high reliability applications 54631
Condrea, E.P. *see* Gitsu, D.V. 97969
Condry, M. *see* Swee Boon Lim 85828
Conedera, V. *see* Jeanjean, P. 92921
Conel, J.E. *see* Green, R.O. 77634
Conerty, M. *see* Castracane, J. 76894
Conese, C., Gilabert, M.A., Maselli, F., Bottai, L. Topographic normalization of TM scenes through the use of an atmospheric correction method and digital terrain models 53530
Conese, C., Maselli, F. Assessment of temporal variations in information content of TM scenes for different vegetation associations 57786
Conetti, S. *see* Carrigan, R.A., Jr. 59039
Confalonieri, P. *see* Nicollini, G. 85954
Conforti, E. *see* Kang, S.-M. 82859
Cong, B., Joshi, S., Salehnia, A., Shin, S., Bergum, J. A new expert-system support for hybrid Ethernet configuration design 58182
Cong, J., Cheng-Kok Koh Simultaneous driver and wire sizing for performance and power optimization 93653
Cong, J., Labio, W., Shivakumar, N. Multi-way VLSI circuit partitioning based on dual net representation 91809
Cong, J., Yuzheng Ding On area/depth trade-off in LUT-based FPGA technology mapping 55214
Cong, J., Yuzheng Ding, Tong Gao, Kuang-Chien Chen An optimal performance-driven technology mapping algorithm for LUT-based FPGAS under arbitrary net-delay models 80249
Cong, J., Yuzheng Ding, Tong Gao, Kuang-Chien Chen LUT-based FPGA technology mapping under arbitrary net-delay models 80257
Cong, J., Zheng Li, Bagrodia, R. Acyclic multi-way partitioning of Boolean networks 93529
Cong, J. *see* Khoo, K.-Y. 55053
Cong, J.S. *see* Zhou, D. 54532
Cong, P., Deuel, H.P., Yan, Y.-J., Simon, J.D. Ultrafast electronic dephasing dynamics of large molecules in room temperature liquids studied by variable pulse-width tunable femtosecond transient absorption spectroscopy 73036
Cong Hoan Nguyen *see* Hoan Nguyen Cong
Cong-Kha Pham *see* Shono, K. 70787
Congleton, J.J. *see* Ghahramani, B. 95766
Congos, L.M. *see* Messina, M.J. 78204
Congxiao Bao *see* Mingsheng Zhao 74384
Conklin, J. The learning organization: the importance of adult education for technical communicators 90797
Conklin, T. *see* Cavallaro, J. 88670
Conley, J.F. *see* Evans, H.L. 62991
Conley, J.F., Jr., Lenahan, P.M., Evans, H.L., Lowry, R.K., Morthorst, T.J. Observation and electronic characterization of "new" E′ center defects in technologically relevant thermal SiO_2 on Si: an additional complexity in oxide charge trapping 81377
Conley, W., Akkapeddi, R., Fahey, J., Hefferon, G., Holmes, S., Spinillo, G., Sturtevant, J., Welsh, K. Improved reflectivity control of APEX-E positive tone deep UV photoresist 81650
Conley, W. *see* Brunsvold, W. 81641
Conley, W. *see* Sturtevant, J. 71515
Conlon, P. *see* Turner, A. 98114
Conlon, P.J., Tong, Y.P., French, P.M.W., Taylor, J.R., Shestakov, A.V. Sub-100 fs Kerr lens modelocked Cr^{4+}:YAG laser 56658
Conlon, P.J., Tong, Y.P., French, P.M.W., Taylor, J.R., Shestakov, A.V. Passive mode locking and dispersion measurement of a sub-100-fs Cr^{4+}:YAG laser 94383
Conlon, R. *see* Hocker, C. 78509
Conn, A.R., Gould, N., Toint, P.L. A note on using alternative second-order models for the subproblems arising in barrier function methods for minimization 69752
Conn, C. *see* Unsworth, J. 91651
Connaghan, R.B. *see* Ensor, J.R. 65455
Connally, J. *see* Brown, S.B. 55025
Connell, D. *see* Tiler, C. 60833
Connell, M. Digital signal distribution in a combined digital/analog environment 66031
Connell, S. *see* Fisher, D.G. 75065
Connelly, J. *see* Robson, I.A. 59827
Connelly, M. *see* Le Ligne, M. 65777
Connelly, M.C., Hopper, R.D. Wide screen signalling in the studio and production environment 97616
Conner, D. PC-based EDA-tool directory 49055
Conner, D. Electronic system design automation tools 61469
Conner, D. EDA tools help fine-tune system design 65548
Conner, D. Analog HDLs advance speed and enhance modeling flexibility 70771
Conner, J. *see* Tew, C. 98228
Conner, W.T. *see* Dalton, T.J. 71350
Conners, D. *see* Cooperman, W. 86285
Conniff, W.P. Virtual classrooms: video teleconferencing technology for distance learning and training 79172
Connolly, C.I. *see* Stan, M.R. 61830
Connolly, C.I. *see* Stan, M.R. 70780
Connolly, J. *see* Wells, K. 88090
Connolly, J.C. *see* Mitchell, N.F. 72430
Connolly, J.F. *see* Bateman, J.E. 88015
Connolly, K., Hess, B.E., Hoberg, W.A., Pingel, T.C., Russell, R.K., Jr. Partnering for success: an overview of customer/supplier partnering 96292
Connolly, R. *see* Johnson, K.F. 76427
Connolly, R.C. *see* Gilpatrick, J.D. 98456
Connor, B. *see* Leithead, W.E. 60148
Connor, K. *see* Braunstein, J. 83840
Connors, D., Feigin, G., Yao, D. Scheduling semiconductor lines using a fluid network model 48645
Conrad, A., Hindrichs, T., Morsy, H., Wegener, I. Solution of the knight's Hamiltonian path problem on chessboards 54660
Conrad, H. *see* Xia Hong Wang 61413
Conrad, H. *see* Zhenfeng Guo 91052
Conrad, J.R. *see* Chapek, D.L. 62391
Conrad, J.R. *see* Malik, S.M. 62385
Conrad, L.E. *see* Becker, C. 53608
Conrad, L.E. *see* Becker, C. 68022
Conrad, L.E. *see* Becker, C. 88965
Conrad, S. *see* Barakat, M. 98712
Conrad, V. *see* Devito, M. 78423
Conradi, J. *see* May, G. 58418
Conradi, P. *see* Berens, F. 80517
Conroy, G.H. Progress in roller press design technology 60659
Conroy, G.H. Progress in roller press design technology 69288
Conroy, M.D. Command center combines multiple PQ monitors into a single network for notification control and management 59935
Conroy, M.D., Richard, P.G. Deep earth grounding vs. shallow earth grounding 68305
Conroy, M.W. *see* Kramer, S.R. 89256
Conru, A.B. *see* Hisup Park 54452
Consens, M.P., Hasan, M.Z., Mendelzon, A.O. Using Hy^+ for network management and distributed debugging 96461
Considine, P.B. *see* Tamura, T. 61761
Consoli, A., Cerruto, E., Raciti, A., Testa, A. Adaptive vector control of induction motor drives based on a neuro-fuzzy approach 100840
Consoli, A., Musumeci, S., Raciti, A., Testa, A. Sensorless vector and speed control of brushless motor drives 54164
Consoli, A. *see* Licitra, C. 68839
Constans, H. *see* Tastet, P. 70286
Constant, E. *see* Rolland, P.A. 86196
Constant, M. *see* Peredo, E. 50674
Constantine, C. *see* Khare, R. 93194
Constantine, C. *see* Pearton, S.J. 62483
Constantine, C. *see* Pearton, S.J. 63855
Constantine, C. *see* Shul, R.J. 55778
Constantinescu, C., Storer, J.A. Improved techniques for single-pass adaptive VQ 57911
Constantinescu, C., Storer, J.A. Improved techniques for single-pass adaptive vector quantization 64879
Constantinescu, C., Storer, J.A. Online adaptive vector quantization with variable size codebook entries 95856
Constantinescu, F., Nitescu, M. Symbolic analysis—a tool for sensitivity computation 61487
Constantinescu, T. *see* Sayed, A.H. 54739
Constantinescu, T. *see* Sayed, A.H. 64171
Constantinides, A. *see* Higgins, P.E. 59652
Constantinides, A.G. *see* Chambers, J.A. 84489
Constantinides, A.G. *see* Cheung, E.S.H. 95961
Constantinides, A.G. *see* Mok, F. 49512
Constantinides, A.G. *see* Stathaki, P.T. 95933
Constantinides, A.G. *see* Su, P. 85026
Constantinides, A.G. *see* Turkbeyler, E. 95542
Constapel, R. *see* Held, R. 55974
Consuegra, M. *see* Hernandez, J.M. 55464
Contardo, D. Heavy-ion physics at LHC with the Compact Muon Solenoid 98644
Contarino, V.M. *see* Mullen, L. 88876
Contarino, V.M. *see* Mullen, L. 97437
Contaxis, G.C. *see* Hatziargyriou, N.D. 77961
Contaxis, G.C. *see* Korres, G.N. 78243
Conte, A. *see* Rajavel, D. 61305
Conte, E., di Bisceglie, M., Galdi, C. Modelling and simulation of bidimensional processes for remote sensing applications 67868
Conte, E., Di Bisceglie, M., Lops, M., Ricci, G. Fitting the compound-Gaussian model to SAR sea images 88821
Conte, E., Lops, M., Ricci, G. Fitting the exogenous model to measured data 97857
Conte, G. *see* Kusian, W. 100549
Conte, M. *see* Akchnrin, N. 66847
Conte, M. *see* Luccio, A. 66970
Conti, C. *see* Morandi, R. 61139
Conti, E. *see* Carugno, G. 67326
Conti, M., Del Guerra, A., Mazzeo, A., Mazzocca, N., Russo, P., Russo, S., Scarlatella, A. A transputer-based 'list mode' parallel system for digital radiography with 2D silicon detectors 59364
Conti, M., Gregori, E., Lenzini, L. E-DCP, an extension of the distributed-control polling MAC protocol (DCP) for integrated services 51847
Conti, M., Gregori, E., Lenzini, L. A vacation model for interconnected FDDI networks 52192
Conti, M., Gregori, E., Lenzini, L. A model to evaluate the effects of the BWB mechanism in a DQDB network in underload conditions 52195
Conti, M., Larobina, M., Russo, P., Scarlatella, A., Bigongiari, A., Franchi, G., Lippi, M., Raffo, C., Del Guerra, A., Russo, S., Vassiliev, S. Modular data acquisition system based on transputer technology for bi-dimensional time coincidence counting 59206
Conti, M., Orcioni, S., Turchetti, C. Parametric yield optimisation of MOS VLSI circuits based on simulated annealing and its parallel implementation 93658
Conti, M. *see* Alfano, B. 59375
Conti, M. *see* Bandettini, A. 59109
Conti, M. *see* Bandettini, A. 76979
Conti, M. *see* Bencivelli, W. 88436
Conti, M. *see* Bernini, U. 52878
Conti, P., Tomizawa, M., Yoshii, A. A system for 3D simulation of complex Si and heterostructure devices 49946
Conti, R.S. *see* Ghaffari, B. 87664
Conti, S. *see* Garre, R. 94004
Contii, M., Orcioni, S., Turchetti, C. A class of neural networks based on approximate identity for analog IC's hardware implementation 70812
Contin, A. *see* Anzivino, G. 67353
Contin, A. *see* Bianco, L. 54014
Contini, R. *see* Brambilla, L. 99105
Contini, R. *see* Flores, C. 100739
Contini, R. *see* Svelto, F. 100451
Conto, J.-M.De *see* De Conto, J.-M.
Contour, J.P. *see* Bernstein, P. 82380
Contreras, J.G., Barbi, I. A three-phase high power factor PWM ZVS power supply with a single power stage 100285
Contreras, M. *see* Tuttle, J.R. 91549
Contreras, M. *see* Tuttle, J.R. 100495
Contreras, M.A., Gabor, A.M., Tennant, A.L., Asher, S., Tuttle, J., Noufi, R. 16.4% total-area conversion efficiency thin-film polycrystalline $MgF_2/ZnO/Cds/Cu(In,Ga)Se_2/Mo$ solar cell 100759
Contreras, M.A., Tuttle, J., Albin, D., Tennant, A., Noufi, R. Validation of an in-line evaporation process for large-scale production of $CuInSe_2$-based solar cells 100507
Contreras, M.A. *see* Gabor, A.M. 78820

Contreras, M.A. *see* Gabor, A.M. 90407
Contreras, M.C. *see* Suran, G. 82246
Contreras, R.U. *see* Natarajan, R. 90655
Contreras, S. *see* Mosser, V. 66195
Contreras, S. *see* Mosser, V. 66245
Convertino, G., Brattoli, M., Distante, A. Hopfield neural network for qualitative recognition of objects motion based on optical flow 74233
Convery, B.A. *see* Weiland, M.Z. 99081
Conway, A. *see* Pinsky, E. 64256
Conway, A.E., Keilson, J. ATM cell multiplexer analysis by a compensation method 51764
Conway, A.E. *see* Pinsky, E. 65770
Conway, F., Fortin, M. Initial results of a 3 station single-frequency-network at 1452-1492 MHz 97595
Conway, H.D., Borgesen, P., Li, C.-Y. Elastic analysis of flip-chip solder joints undergoing thermal excursions 69565
Conway, J. *see* Stretton, M. 99409
Conway, J.H., Sloane, N.J.A. On lattices equivalent to their duals 79574
Conway, L.E. *see* Hochreiter, L.E. 60070
Conway, M. *see* Williams, J.S. 81474
Conway, P., Yu, D. DAC design offers high-speed linear performance 70697
Conway, P. *see* Yu, D. 76515
Conway, P.P. *see* Tilley, K.J. 69489
Conwin, E.M. *see* Logar, A.M. 99306
Conzen, J.-P. *see* Burck, J. 58799
Coogan, C.O. Front end environmental analysis 54462
Coogan, P.C. *see* Small, G.W. 87428
Cook, B. A multi-media program exercising the basics in lip-reading, cued-speech and sign-language vocabulary 98974
Cook, B. *see* Chen, M. 59169
Cook, D. Economically valuable applications of repetitive pulsed power technologies 78774
Cook, D. *see* Rayner, J. 66425
Cook, F. *see* Costello, M. 60171
Cook, G.E., Barnett, R.J., Andersen, K., Strauss, A.M. Weld modeling and control using artificial neural networks 69272
Cook, G.G., Khamas, S.K. Control of radar cross sections of electrically small high temperature superconducting antenna elements using a magnetic field 73522
Cook, G.G., Khamas, S.K., Bowling, D.R., Overfelt, P.L., Hageman, L. Predictions of the efficiencies of superconducting small antennas connected to lossy ground planes using a Sommerfeld integral technique 83842
Cook, G.W., Delp, E.J. The use of high performance computing in JPEG image compression 95952
Cook, G.W. *see* Ke Shen 64688
Cook, H.E. *see* Kolli, R.P. 69613
Cook, J. *see* Fletcher, F. 87430
Cook, J.A. *see* Bust, G.S. 99191
Cook, J.C. *see* Woodward, B. 99161
Cook, J.W. Spectra of a class of run-length limited MLT3 codes 73688
Cook, J.W., Jr., Schetzina, J.F. Efficient liquid nitrogen supply system for the cooling shroud in a molecular beam epitaxy system 54880
Cook, J.W., Jr. *see* Eason, D.B. 72622
Cook, J.W., Jr. *see* Eason, D.B. 72634
Cook, J.W., Jr. *see* Ren, J. 56569
Cook, J.W., Jr. *see* Ren, J. 69943
Cook, J.W., Jr. *see* Vaudo, R.P. 54881
Cook, J.W., Jr. *see* Vaudo, R.P. 69941
Cook, L. Teletext via your PC 85624
Cook, L.T., Insana, M.F., McFadden, M.A., Hall, T.J., Cox, G.G. Comparison of the low-contrast detectability of a screen-film system and third generation computed radiography 67469
Cook, L.T. *see* Insana, M.F. 88880
Cook, M. *see* Perkes, G. 74262
Cook, M.J. Langmuir-Blodgett films of phthalocyanines 71132
Cook, M.J. *see* Crouch, D. 66525
Cook, M.J. *see* Mukhopadhyay, S. 76094
Cook, P. Zavala Young Scientists: a model for 'adoption' of an elementary school class 54390
Cook, P.A. *see* Gupta, R. 58069
Cook, P.W. *see* Shahidi, G.G. 92195
Cook, R.D., Saulnier, G.J., Gisser, D.G., Goble, J.C., Newell, J.C., Isaacson, D. ACT3: a high-speed, high-precision electrical impedance tomograph 77023
Cook, R.H., Young, D.I., Jr. Use of geographic information systems for site screening studies 78376
Cook, S. *see* Vyden, B. 97221
Cook, S.C., Gill, M.C., Giles, T.C. A high-speed HF parallel-tone modem 96894
Cook, V. *see* Baggs, R. 76791
Cooke, D.W. *see* Paciotti, M.A. 76401
Cooke, J.C., Brewster, R.L. Cryptographic algorithms and protocols for personal communication systems security 65629
Cooke, K.M. *see* Parsons, B.K. 93985
Cooke, P., Morgan, K. The regional innovation system in Baden-Wurttemberg 69467
Cooke, P. *see* Kiely, P.A. 62893
Cooke, P. *see* Nabet, B. 66342
Cooke, R. Uncertainty in dispersion and deposition in accident consequence modeling assessed with performance-based expert judgment 89443
Cooke, R. *see* Kikushima, K. 86347
Cooklev, T. *see* Sablatash, M. 97650
Cool, C., Fish, R.S., Kraut, R.E., Lowery, C.M. Iterative design of video communication systems 97707
Cool, J.K. Electrical hazards and electrocution 54432
Coolen, F.P.A. Bayesian decision theory with imprecise prior probabilities applied to replacement problems 79226
Coolen, F.P.A. Bounds for expected loss in Bayesian decision theory with imprecise prior probabilities 79554
Cooley, M.E. *see* Schaubert, D.H. 73559
Cooley, T.W., Reagan, J.A. Calibration of 1064 nm channel of LITE and other uses of ocean surface returns 77445
Cooley, T.W. *see* Reagan, J.A. 77363
Cooley, W.L. *see* Famouri, P. 78939
Cools, K., Devisch, D., Van Nieuwenhove, K., Vernalde, S., Bolsens, I., Chansik, K., Younguk, O., Lee, R.B.W. ASIC synthesis of a flexible 80 Mbit/s Reed-Solomon codec 95102
Cools, K. *see* Genin, D. 70652
Cools, R. *see* Verschelde, J. 69829
Cooman, M.de *see* de Cooman, M.
Coomans, D. *see* Aeberhard, S. 74586
Coombes, R. *see* Burgett, W. 98480
Coombes, R. *see* Jaffery, T.S. 76656
Coombes, R. *see* Wanderer, P. 82422
Coombs, D. *see* Moharram, O.E. 52255
Coombs, R. *see* Baynham, D. 87676
Coombs, R. *see* Jones, O. 60841
Coombs, R.C. *see* Baynham, D.E. 76795
Coon, M.D., Knoke, G.S., Echert, D.C., Stern, H.L. Contemporaneous field measurements of pack ice stress and ice strain measurements from SAR imagery 88823
Cooney, J.L. *see* Ali Amin 55712
Coonick, A.H. *see* Iqbal, M.T. 68497
Coop, K.L. *see* Arnone, G.J. 59197
Coope, I.D. Curve interpolation with nonlinear spiral splines 48837
Coope, I.D. *see* Dominguez, M. 67990
Cooper, A.J. *see* Brock, T.R. 60603
Cooper, B. *see* Sherar, M.D. 88532
Cooper, B.E., Chenoweth, D.L., Selvage, J.E. Fractal error for detecting man-made features in aerial images 51648
Cooper, B.K. *see* Cameron, J.M. 53494
Cooper, C., Frieze, A. Hamilton cycles in a class of random directed graphs 79603
Cooper, C. *see* Baumbaugh, B. 59149
Cooper, C. *see* Zbytniewski, J. 88688
Cooper, C.A. *see* Nikolaidis, I. 85227
Cooper, C.A. *see* Nikolaidis, I. 85977
Cooper, C.B., III *see* Sheng, T. 62394
Cooper, C.L. *see* Dale, B.G. 79440
Cooper, C.L.C., Bushnell, M.L. Neural models for transistor and mixed-level test generation 49388
Cooper, D. *see* Scholl, E. 62640
Cooper, D.B. *see* Barzohar, M. 96021
Cooper, D.B. *see* Keren, D. 74627
Cooper, D.B. *see* Lee, C.-Y. 51722
Cooper, D.B. *see* Lee, C.-Y. 96057
Cooper, D.E., Duc Bui, Bailey, R.B., Kozlowski, L.J., Vural, K. Low-noise performance and dark current measurements on the 256×256 NICMOS3 FPA 58853
Cooper, D.E. *see* Kozlowski, L.J. 52954
Cooper, D.E. *see* Kozlowski, L.J. 58852
Cooper, D.E. *see* Kozlowski, L.J. 58855
Cooper, D.E. *see* Riris, H. 94705
Cooper, D.G. *see* Marquardt, C.L. 56883
Cooper, D.I. *see* Eichinger, W.E. 77343
Cooper, D.K., Pimbley, J.M. A minimum free-energy hybrid algorithm for 2-D spectral estimation 51461
Cooper, D.K. *see* Wolf, S.N. 77546
Cooper, D.W. *see* Bridger, B. 68905
Cooper, E.B. *see* Griffiths, G. 97494
Cooper, E.G., Jones, S.M., Goode, P.W., Vazquez, S.L. Automated anomaly detection for Orbiter high temperature reusable surface insulation 53491
Cooper, G.A. *see* Rajanathan, C.B. 54021
Cooper, J. *see* Hart, R.C. 83335
Cooper, J. *see* Xin, Z. 62283
Cooper, J.A., Jr. *see* Sheppard, S.T. 71661
Cooper, J.A., Jr. *see* Xie, W. 61712
Cooper, J.F. Fastrack turnkey package 68446
Cooper, J.M., Thompson, G., McNeil, C.J. Direct electron transfer between immobilised cytochrome c and gold electrodes 58866
Cooper, J.R. *see* Dumin, D.J. 71262
Cooper, K. *see* Bailey, S.A. 72322
Cooper, K.J. *see* Hayden, J.D. 92198
Cooper, K.J. *see* Roth, S.S. 71388
Cooper, M. Human factors in telecommunications engineering 85401
Cooper, M. *see* Barakat, M. 98712
Cooper, M. *see* Yasillo, N.J. 98821
Cooper, M.A. A probability weighted Hough transform technique for shape retrieval from noisy imagery 64701
Cooper, P.S. *see* Pommot Maia, M. 59128
Cooper, R. *see* Ennis, J. 80919
Cooper, R. *see* McKelvey, M.E. 58781
Cooper, R. *see* Wang, T. 87918
Cooper, R.G. *see* Baltrusaitis, R.M. 76519
Cooper, R.M., Radcliff, R. The effects of a nearby biological body on the parameters of a small hand-held transmitter operating in the HF band (3 MHz-30 MHz) 59423
Cooper, R.R. *see* Tsung-Yu Pan 70986
Cooper, R.W. BT vision technology for the desktop 52240
Cooper, S. Maverick lot detection 62001
Cooper, S. New media LANs: trends and developments 85694
Cooper, S. *see* Ardron, K.H. 89548
Cooper, S.L. *see* Kim, Y.D. 92954
Cooper, S.P. Remote control device for the M1 tank 88907
Cooper, S.Y. *see* Oakey, R.P. 60834
Cooper, W.S. *see* Kwan, J.W. 76727
Cooperman, W., Conners, D., Franz, C. PEACESAT: A Pacific island users perspective on searching for a satellite 86285
Cooray, V. Calculating lightning-induced overvoltages in power lines. A comparison of two coupling models 78163
Coosemans, W. *see* Arnaudon, L. 66851
Cootes, T.F., Hill, A., Taylor, C.J., Haslam, J. Use of active shape models for locating structures in medical images 64822
Cootes, T.F. *see* Lanitis, A. 84907
Coowar, F. *see* Khodabakhshian, A. 59770
Cope, D.B. *see* Gaudreau, M.P.J. 69131
Copel, M. *see* Horn-von Hoegen, M. 91504
Copeland, A.C., Ravichandran, G., Trivedi, M.M. Localized Radon transform-based detection of linear features in noisy images 74602
Copeland, D. Single-phase and boiling cooling of small pin fin arrays by multiple slot nozzle suction and impingement 91073
Copeland, D.A., McDermott, W.E., Quan, V., Bauer, A.H. Exact and approximate solutions of the utilisation and yield equations for $O_2(^1\Delta)$ generators 94333
Copeland, M.A. *see* Riley, T.A.D. 55170
Copeland, R.L., Kopp, M., O'Handley, R.C. Analysis of a magnetoelastic sensor 87066
Copenhaven, W.H., Daniels, R.G., Merrell, A.C. Power reliability study and improvement in a South American fiber plant 79052
Copenhaver, G.L. *see* Herr, M.D. 88366
Copley, D.C., Eberhard, J.W., Mohr, G.A. Computed tomography. I. Introduction and industrial applications 49035
Copley, D.W. The application of vibrating cylinder pressure transducers to non-military usages 87137
Coplin, D. *see* Viswanadham, P. 91054
Coppenbarger, R.A. Helmet-mounted display symbology for automated nap-of-the-earth rotorcraft flight 67699
Coppenbarger, R.A., Cheng, V.H.L. Simulation evaluation of a pilot interface with an automated rotorcraft obstacle avoidance system 99080
Coppens, A. *see* Macq, B. 98825
Copperman, M. *see* Forcucci, A. 85993
Coppersmith, D. The Data Encryption Standard (DES) and its strength against attacks 73671
Coppersmith, D., Feig, E., Linzer, E. Hadamard transforms on multiply/add architectures 57563
Coppersmith, D., Krawczyk, H., Mansour, Y. The shrinking generator 73744
Coppersmith, D., Stern, J., Vaudenay, S. Attacks on the birational permutation signature schemes 83959
Coppin, P.R., Bauer, M.E. Processing of multitemporal Landsat TM imagery to optimize extraction of forest cover change features 77723
Coppini, G., Castellani, L., Bertini, G., Valli, G. Depth from motion in X-ray imagery 57788
Coppola, A. What's new in reliability engineering? 61047
Coppola, A. *see* Perkowski, M.A. 92071
Coppoli, E.H.R. *see* Miranda, G.C. 88952
Coppye, W. *see* Murti, M.R. 100480
Coquel, F. *see* Cockburn, B. 69800
Coquelin, A. *see* Meilleur, R. 50804
Coral, C. *see* Rudge Barbosa, F. 86429
Corazza, D.J., Cormack, G.D., Keyworth, B.P. Responsivity measurement of Fabry-Perot laser amplifier detectors 52855
Corazza, G. *see* Casoni, M. 86017
Corazza, G.E., Vatalaro, F. A statistical model for land mobile satellite channels and its application to nongeostationary orbit systems 75346
Corb, B. High frequency head and playback model for thin-film recording heads 72141
Corba, M. *see* Labanti, C. 76762
Corba, M. *see* Quadrini, E.M. 76829
Corba, M. *see* Quadrini, E.M. 85621
Corbalan, R. *see* Cortit, J. 94556
Corbalan, R. *see* Martorell, J. 56926
Corbato, S. *see* Bird, D. 98533
Corbellini, G., Corbellini, U. Electrical safety for medical apparatus 67428
Corbellini, G., Corbellini, U. Safety of electrical apparatus in medical and surgical applications 67429
Corbellini, U. *see* Corbellini, G. 67428
Corbellini, U. *see* Corbellini, G. 67429
Corbett, J. *see* Tran, P. 66892
Corbett, N.C., Lines, N.P. Control requirements for the RB 211 low-emission combustion system 78451

Corbett, W.J., Keeley, D. Orbit control on SPEAR: a progress report 98404
Corbett, W.J., Lee, M.J., Ziemann, V. A fast model calibration procedure for storage rings 66871
Corbett, W.J., Pong, B., Lee, M., Ziemann, V. Optimum steering of photon beamlines in SPEAR 67237
Corbett, W.J., Ziemann, V. Procedure for determining quadrupole and BPM offset values in storage rings 66873
Corbett, W.J. *see* Chung, Y. 76478
Corbett, W.T. *see* Rodriguez, J.L. 66589
Corbiere, T. *see* Bion, T. 70469
Corbiere, T. *see* Doucin, B. 71580
Corbin, M. *see* Borst, P.M. 85710
Corbin, T.P. *see* Guy, J.T. 81078
Corbitt, T.S. *see* Roger, C. 70156
Corby, N.R., Hogle, R.A. Signal-processing and acquisition challenges in realtime magnetic source imaging systems 76945
Corcoran, F.L. *see* Dimolitsas, S. 65649
Corcoran, F.L. *see* Dimolitsas, S. 74877
Corcoran, F.L. *see* Dimolitsas, S. 84103
Corcoran, F.L. *see* Dimolitsas, S. 86272
Corcoran, P. The effects of signal conditioning and quantization upon gas and odour sensing system performance 66563
Corcoran, P., Shurmer, H.V. An intelligent gas sensor 58900
Corcoran, P.M., Lusted, K. A remote electronic object emulation system for home bus applications 85787
Corcuff, P. *see* Vauzelle, R. 73325
Cord, B., Schuller, K.H., Zahel, H., Chaput, G., Duan, S. Sputtering of high coercivity/low noise CoCrTa bilayered hard disks in a manufacturing system 50294
Cordaro, J.T. *see* Burns, B.L. 74358
Cordaro, M.H., Rode, D.L., Barry, T.S., Krchnavek, R.R. Precision fabrication of D-shaped single-mode optical fibers by in situ monitoring 94064
Cordeiro, V. *see* Travassos, J. 60116
Cordelli, M. *see* Farilla, A. 52772
Cordemann, A., Damaske, O., Schlaak, M. Measurement of oil on water 66719
Cordero, R., DiTomaso, N., Farris, G.F. Identifying and developing promotability in R&D laboratories 48625
Cordero, R., DiTomaso, N., Farris, G.F. Career development opportunities and likelihood of turnover among R&D professionals 69475
Cordero, R. *see* DiTomaso, N. 60858
Cordi, A.J. *see* Duncan, W.A. 94334
Cordiale, P. *see* Bertinetto, F. 86884
Cordiali, L. *see* Boella, G. 86826
Cordiali, L. *see* Boella, G. 93014
Cordier, P., Doukhan, J.C., Fertein, E., Bernage, P., Niay, P., Bayon, J.F., Georges, T. TEM characterization of structural changes in glass associated to Bragg grating inscription in a germanosilicate optical fibre preform 82599
Cordier, Y. *see* Win, P. 61958
Cordier, Y. *see* Win, P. 71731
Cordoba de Torresi, S.I. *see* Cantao, M.P. 82725
Cordom, C., Searles, K.S. CONVERSANT VIS listens and talks to your customers 85559
Cordova, A., Patterson, R.A., Goldner, E.L., Rozelle, D. Interferometric fiber optic gyroscope with inertial navigation performance over extended dynamic environments 76033
Cordova, A. *see* Patterson, R.A. 67710
Cordova, J.E., Rowe, R.E., Furman, M.D., Smith, J.R., Murro, A.M. A method for imaging of intracranial EEG electrodes using magnetic resonance imaging 98908
Cordts, B. *see* Allen, L.P. 93559
Cordts, B. *see* Campisi, G.J. 93455
Cordts, B.F. *see* Anc, M.J. 93142
Core, T.A. *see* Sherman, S.J. 66304
Corera, B.J. Energy management decisions are made via cooperative approach 68092
Corey, B.E. *see* Ingalls, R.P. 58532
Corey, J. Mark Twain—technical writer 60852
Corey, P.D. *see* Clymer, J.R. 74097
Coriale, J.A. Cluster tool process integration demonstrated at NC State 90935
Corinasso, C. *see* Campi, D. 94158
Cork, C. *see* Marks, S. 67240
Corkish, R., Green, M.A. Recombination of carriers in quantum well solar cells 100676
Corkum, P. *see* Dupont, E. 87196
Corlatan, D. *see* Neyts, K.A. 63587
Corlatan, D. *see* Van Den Bossche, J. 76123
Corless, R.F. *see* Howard, A.J. 94526
Corless, R.M. What good are numerical simulations of chaotic dynamical systems? 91338
Corlett, J.N., Byrd, J.M. Measurement and computation of the higher order modes of the ALS 500 MHz accelerating cavities 87717
Corlett, J.N., Rimmer, R.A. Impedance measurements of components for the ALS 87718
Corlett, J.N. *see* Barry, W. 76435
Corlett, J.N. *see* Byrd, J.M. 87925
Corley, C.J. *see* Bray, A.V. 56227
Corliss, D. *see* Orvek, K. 71488
Corliss, G. *see* Bischof, C. 69857
Corliss, G. *see* Chang, Y.F. 91377
Cormack, D.E. *see* Rosen, D. 61182
Cormack, G.D. *see* Corazza, D.J. 52855
Cormier, A.J. *see* Lacey, C. 50268
Cormier, J.-F., Piche, M., Salin, F. Correction of beam break up in self-mode-locked Ti:sapphire lasers 56650
Cormier, J.-F., Piche, M., Salin, F. Suppression of beam breakup in self-mode-locked Ti:sapphire lasers 82982
Cormier, J.-F. *see* Piche, M. 56651
Cormier, M. *see* Miller, S.P. 99141
Cornacchia, M. *see* Tran, P. 66892
Cornaglia, B. *see* Benedetto, V. 52309
Cornbleet, S. Microwave and geometrical optics 79142
Cornec, A.Le *see* Le Cornec, A.
Cornec, C.Le *see* Le Cornec, C.
Corneil, D.G., Masuyama, S., Hakimi, S.L. Edge-disjoint packings of graphs 54670
Cornelis, J. *see* Christopoulos, C.A. 69907
Cornelis, J. *see* Devos, P. 80013
Cornelis, J. *see* Pratikakis, I.E. 76909
Cornelis, K. *see* Bailey, R. 76434
Cornelis, K. *see* Brandt, D. 87724
Cornelissen, H.J., Savert, C.J., Niesten, M.J.H., Vrijssen, G.A.H.M., Valster, A., Van Der Poel, C.J. A nonmechanical laser scanner based on electron-beam pumped AlGaInP-GaInP semiconductor structures 83413
Cornelius, W.D. Design and performance of the inter-RFQ beam transport and matching section for the SAIC PET isotope production accelerator 76718
Corneliussen, S.T. *(editor)* Proceedings of the 1993 Particle Accelerator Conference (Cat. No.93CH3279-7) 54320
Cornell, S., Porrill, J., Mayhew, J.E.W. Ground plane obstacle detection under variable camera geometry using a predictive stereo matcher 84674
Corneloup, G., Moysan, J., Magnin, I.E. Ultrasonic image data processing for the detection of defects 70214
Cornero, M. *see* Valle, M. 92256
Cornet, A. *see* Georgakilas, A. 81272
Cornet, A. *see* Peiro, F. 81306
Cornet, A. *see* Vila, A. 79827
Cornick, K.J. Partial discharges in motor cables 53990
Cornick, K.J. Research into the acoustic detection and location of partial discharges in gas insulated substations 54131
Cornillon, A., Barriot, E. Multimedia terminals for person-to-person communication 96414
Cornily, J.-M., Doherty, D., Ellson, J., Mullan, P., Pageot-Millet, C., Stephant, T. Application of ODP modelling techniques to SDH network management 74862
Cornish, A.E. *see* Wilks, S.P. 92936
Cornish, K.T. Barehand bonding arc electrical characteristics test 78143
Corno, F., Prineno, P., Sonza Reorda, M. An experimental analysis of the effectiveness of the circular self-test path technique 92003
Corno, F. *see* Camurati, P. 49093
Corno, F. *see* Camurati, P. 49232
Cornu, F. Electric vehicle and security 54188
Cornut, B. *see* Kedous-Lebouc, A. 63139
Cornut, B. *see* Marion-Pera, M.C. 63086
Cornut, B. *see* Marion-Pera, M.C. 68516
Cornut, B. *see* Mekhiche, M. 63136
Cornut, B. *see* Nencib, N. 66657
Corominas, E. *see* Caldern, J.C. 96787
Coron, N., Zhou, J.W., de Bellefon, A., Dambier, G., Giraud-Heraud, Y., Goldbach, C., Gonzalez-Mestres, L., Goret, P., Leblanc, J., de Marcillac, P., Nollez, G. Underground measurements at the Frejus tunnel in the 3 keV-5 MeV energy range with a massive bolometer 59152
Coron, N. *see* Zhou, J.W. 98538
Coronado, C.A. *see* Lu, K. 54856
Coronado, C.A. *see* Lu, K. 61281
Coronado, J. *see* Ramirez-Angulo, J. 70790
Coronado, J.L. *see* Garcia-Bermejo, J.G. 87035
Coronado, P. *see* Vermillion, C. 77644
Coronell, D.G., Jensen, K.F. Simulation of rarefied gas transport and profile evolution in nonplanar substrate chemical vapor deposition 79963
Corporaal, H. Design of transport triggered architectures 49465
Corrales, J.A. *see* Suran, G. 82246
Corre, A.Le *see* Le Corre, A.
Corre, J.M. *see* Fomichev, A.S. 53328
Correa, R.A. *see* Castro, P.J. 80641
Correa, R.A. *see* Spassovsky, I.P. 83521
Correc, P. *see* Morvan, M. 52496
Corredera, J.R.C. *see* Madrid, J.J.M. 67907
Corredera, J.R.Casar *see* Casar Corredera, J.R.
Corredoura, P. *see* Krejcik, P. 76509
Corredoura, P. *see* Krejcik, P. 87900
Correia, A., Ballutaud, D., Maurice, J.-L. Copper precipitation at the silicon-silicon-dioxide interface: role of oxygen 55742
Correia, A., Ballutaud, D., Maurice, J.-L. Oxygen and copper precipitation in the vicinity of the silicon-silicon-dioxide interface: microstructure and electrical properties 81489
Correia, A. *see* Lusson, L. 79916
Correia, A.M.C., Albuquerque, A.A. Frequency hopped spread spectrum multiple access over cellular dispersive fading channels 52365
Correia, A.M.C., Albuquerque, A.A. Hybrid DS/SFH-SSMA with diversity coding and power control over mobile radio fading channels 86232
Correia, B.B. *see* Davies, R. 85185
Correia, J. *see* Graber, Z. 75189
Correia de Barros, M.T. *see* de Jesus, C. 78159
Correra, L. *see* Borghs, G. 61944
Correra, L. *see* Villegier, J.C. 63318
Corriga, G., Sanna, S., Usai, G. Parametric optimization of wind-excited vibration dampers for overhead transmission lines 99715
Corsaro, R.D. *see* Photiadis, D.M. 93772
Corser, T.A. *see* Huang, S.Y. 94439
Corsi, F., De Venuto, D., Portacci, G.V. Primary electron pulse shape evaluation in an EBT system 82086
Corsi, F. *see* Breglio, G. 87409
Corsi, S. *see* Brasca, C. 100100
Corsini, G. *see* Cipollini, P. 77446
Corsini, R., Johnson, C.D., Gardelle, J., Grenier, J. CLIC drive beam generation by induction linac and FEL experimental studies for the CERN Linear Collider 67012
Corsini, R. *see* Acerbi, E. 63871
Corso, D.Del *see* Del Corso, D.
Corso, G.M. *see* King, R.A. 99079
Corson, M.S. On the spectrum efficiency of a cellular system based on multi-receiver, multiple access (MRMA) 65642
Cortazar, O.D. *see* Rocca, J.J. 50736
Cortazar, O.D. *see* Rocca, J.J. 94330
Cortazar, O.D. *see* Shlyaptsev, V.N. 50739
Corte, A.della *see* della Corte, A.
Corte, A.La *see* La Corte, A.
Cortelazzo, G., Mian, G.A., Vezzi, G., Zamperoni, P. Trademark shapes description by string-matching techniques 74581
Cortelazzo, G. *see* Bernardini, R. 57764
Cortelazzo, G.M., Malavasi, E., Segato, M., Baschirotto, A., Biaggioni, G. SC realization of antialiasing CCIR-601 video filters 86682
Cortelazzo, G.M. *see* Bernardini, R. 74081
Cortelazzo, G.M. *see* Bernardini, R. 74202
Cortelazzo, G.M. *see* Bernardini, R. 84844
Cortelazzo, G.M. *see* Bernardini, R. 84983
Cortelazzo, G.M. *see* Carrai, P. 95664
Cortes, N. *see* Ollitrault, M. 88811
Cortez, S. *see* Aristizabal, M. 78112
Corti, M. *see* Lago, P. 88388
Corti, S. *see* Cusani, R. 58585
Corticelli, F. *see* Cavallini, A. 81199
Cortiglioni, S. Linear polarization and the effects of metal reflectors used to redirect the beam in microwave radiometers 86638
Cortina, R., Garbero, L. EMC standards 64169
Cortina, R., Pioltini, G., Celozzi, S., D'Amore, M. Telecommunication systems on power distribution networks: high frequency performances of carrier channels 68205
Cortit, J., Corbalan, R. Dynamics of an optically pumped three-level laser with pump and generated Gaussian beams 94556
Corvaja, R., Pierobon, G.L. Performance evaluation of ASK phase-diversity lightwave systems 52590
Corvaja, R., Pupolin, S., Tomba, L. Performance evaluation of slotted Aloha for digital voice cellular communications 75308
Corvaja, R., Tomba, L. Crosstalk interference in FSK coherent optical systems 65757
Corvino, A. Reliability of standby electrical supplies in medical applications 67431
Corvisiero, P. *see* Greife, U. 98550
Corwin, W.H. *see* Rate, C. 67723
Cory, B.J. *see* Niimura, T. 53617
Cory, H., Waxman, S. Wave propagation along a fully or a partially loaded parallel plate chirowaveguide 73452
Cory, W.T.W. Axial fan impeller integrity: Goodman diagrams and real-time radiography 100953
Corzine, S.W. *see* Coldren, L.A. 63907
Corzine, S.W. *see* Hu, S.Y. 94452
Corzine, S.W. *see* Hu, S.Y. 94501
Cosares, S. *see* Sen, S. 96275
Cosby, L.R. *see* MacQuarrie, D.J. 99392
Cosby, M.C., Nelms, R.M. Designing a parallel-loaded resonant inverter for an electronic ballast using the fundamental approximation 54106
Cosby, M.C., Jr., Nelms, R.M. A resonant inverter for electronic ballast applications 79000
Cosby, M.C., Jr. *see* Nelms, R.M. 69214
Cosby, S. *see* Dunscombe, P. 77044
Coscia, A. *see* Bellettini, G. 48857
Coscia, U. *see* Demichelis, F. 48982
Cosculluela, M.J., Dominguez, M.J., Montes, R., Garcia-Tajedor, A. Day type identification for electric hourly load demand forecasting using self-organizing maps 89172
Cosentino, B. Testing the precision lightweight GPS receiver 65730
Cosentino, B. Testing the precision lightweight GPS receiver 86624
Cosentino, J. *see* Wang, R. 89878
Cosentino, P. *see* Grossman, B. 52938
Cosentino, P. *see* Grossman, B. 98058
Cosimo, G.Di *see* Di Cosimo, G.
Cosley, M.R., Marongiu, M.J. Analytical/computational studies of the ground thermal

characteristics for underground battery vault applications 100360
Coslow, J.R. Teaming with suppliers to accomplish zero defect manufacturing 81069
Cosman, P.C., Gray, R.M., Olshen, R.A. Evaluating quality of compressed medical images: SNR, subjective rating, and diagnostic accuracy 67533
Cosman, P.C. *see* Schmidl, T.M. 95972
Cosmas, J.P., Petit, G.H., Lehnert, R., Blondia, C., Kontovassilis, K., Casals, O., Theimer, T. A review of voice, data and video traffic models for ATM 57937
Cosmas, J.P. *see* Domingo, J. 57940
Cosmi, F. *see* Rovetta, A. 88527
Cosofret, V.V. *see* Neuman, M.R. 67453
Cosquer, P., Cattoen, M. Encoding processes of active markers for motion analysis system 66148
Coss, J. *see* Kim, Q. 70493
Coss, J.R. *see* Nichols, D.K. 71551
Coss, J.R. *see* Nichols, D.K. 71646
Cosse, R., Jr., Cheung, H., Mazereeuw, J., Reid, M. A comparison of ANSI guidelines for large AC motor protection with microprocessor based 'black box' relays 60231
Cossec, R., Saccas, J. A new type of overhead contact line on the RATP 60550
Costa, A., De Gloria, A., Faraboschi, P., Olivieri, M. An evaluation system for distributed-time VHDL simulation 70239
Costa, A., Furetta, C. A comparative study between two different preparations of lithium fluoride 88581
Costa, A.H. *see* Hlawatsch, F. 84372
Costa, A.V.da *see* da Costa, A.V.
Costa, C.S., Netto, P.O.B. An algebraic-combinatorial description for the non-symmetric quadratic assignment problem 91303
Costa, D., Khatibzadeh, A. A wideband AlGaAs/GaAs heterojunction bipolar transistor amplifier optimized for low-near-carrier-noise applications up to 18 GHz 80858
Costa, D., Tutt, M.N., Khatibzadeh, A., Pavlidis, D. Tradeoff between 1/f noise and microwave performance in AlGaAs/GaAs heterojunction bipolar transistors 81818
Costa, E. *see* Frontera, F. 76828
Costa, E. *see* Silveira, R. 86075
Costa, F., Laboure, E., Forest, F., Lefebvre, S. Quantification and minimization of conducted interferences generated in hard switching and zero current switching cells 68811
Costa, G. *see* Gingrich, D. 53291
Costa, G.J. *see* Moszynski, M. 98544
Costa, I.F.da *see* da Costa, I.F.
Costa, J. *see* Bertran, E. 79909
Costa, J. *see* Camilleri, N. 80724
Costa, J. *see* Camilleri, N. 81417
Costa, J. *see* Camilleri, N. 82052
Costa, J. *see* Camilleri, N. 93675
Costa, J. *see* Lovelace, D. 62764
Costa, J. *see* Lovelace, D. 81933
Costa, J.C., Ngo, D., Jackson, R., Lovelace, D., Camilleri, N., Jaffee, J. Modeling and measurement of 1/f noise characteristics of silicon BJTs 80719
Costa, L.da Fontoura *see* da Fontoura Costa, L.
Costa, L.P.N.Da *see* Da Costa, L.P.N.
Costa, O.L.V. Optimal stationary linear filtering for systems with Markov switching parameters 74117
Costa, R.Da *see* Da Costa, R.
Costa, S. *see* Alunni, L. 88010
Costa, V.F.da *see* da Costa, V.F.
Costa, V.M.Da *see* Da Costa, V.M.
Costa, W.L.S., Haynor, D.R., Haralick, R.M., Lewellen, T.K., Graham, M.M. A maximum-likelihood approach to PET emission/attenuation image registration 98835
Costa Branco, P.J., Esteves, J., Dente, J.A. Fuzzy model identification with dynamic model separation applied to a motor drive system 90495
Costa Freire, J. *see* Castro Simas, M.I. 62769
Costabile, G. *see* Barbara, P. 50403
Costabile, G. *see* Barbara, P. 82369
Costache, G.I. *see* Laroussi, R. 73395
Costache, G.I. *see* Tharf, M.S. 79754
Costamagna, E., Fanni, A. Further comments on "an analytic algorithm for unbalanced stripline impedance" 57190
Costamagna, E., Fanni, A. Lower-bound algorithms for coplanar line and gap capacitance evaluations 83756
Costantini, B. *see* Aceves, A.B. 72375
Costantini, B. *see* Capobianco, A.D. 50515
Costantino, S.A. *see* Venigalla, S. 49687
Costanzo, A. *see* Rizzoli, V. 80721
Costanzo, G., Demarchio, A., Nervi, M., Repetto, M. High homogeneity solenoidal magnet for cesium frequency standard 75835
Costanzo, G., Nervi, M., Orlando, A., Repetto, M. Design of gradient magnet system for cesium frequency standard 75834
Coste, P. *see* Farchi, A. 53162
Costela, A. *see* Ferrer, M.L. 50750
Costello, D.J., Jr. *see* Malladi, S.S. 51348
Costello, G. *see* Hughes Clarke, J.E. 99142
Costello, M., Cook, F., Heredos, F. Winding immersion testing: 'Are our fears all wet?' 60171
Costello, M. *see* Kamadolli, S. 68354
Costello, P. Motor overload protection 68534
Coster, A.J., Gaposchkin, E.M., Thornton, L.E. Ionospheric effects in satellite tracking 65908
Coster, L.de *see* de Coster, L.
Coster, M., Chermant, J.-L. Measurements on functions: parametrical characterization of grey tone levels images and application to non planar surfaces 64813
Coster, W.De *see* De Coster, W.
Costi, C. *see* Balboni, A. 49227
Costianes, P. *see* Wolff, L.W. 58836
Costley, R.D., Jr., Berthelot, Y.H., Jacobs, L.J. Fresnel arrays for the study of Lamb waves in laser ultrasonics 70206
Cotal, H.L., Summers, G.P., Messenger, S.R. Radiation effects of two-terminal, monolithic $InP/Ga_{0.47}In_{0.53}As$ tandem solar cells 60479
Cotal, H.L. *see* Messenger, S.R. 60481
Cote, D., Nguyen, S., Dobuzinsky, D., Basa, C., Neureither, B. High selectivity magnetically enhanced reactive ion etching of boron nitride films 62421
Cote, G.L. *see* King, T.W. 88373
Cote, W. *see* White, F. 62532
Cotner, C., Inukai, T. An architecture design approach for large satellite networks 86245
Cotnoir, D. *see* Arsenault, M. 91107
Coton, F.N., Jiang, D., Galbraith, R.A.McD. An unsteady prescribed wake model for vertical axis wind turbines 68504
Cotta, M.A. *see* Harriott, L.R. 91455
Cotta, R.M., Ramos, R. Error analysis and improved formulations for extended surfaces 79428
Cotta, R.M. *see* Kakac, S. 79412
Cotta-Ramusino, A. *see* Anderson, B.E. 88246
Cotte, J. *see* Harame, D.L. 61658
Cotte, J. *see* Harame, D.L. 71770
Cotte, J. *see* Harame, D.L. 93579
Cotte, J.M. *see* Burghartz, J.N. 71611
Cotter, D. *see* Hawker, I. 86471
Cotter, D.J., Pai, R.Y., Sapcoe, M.B. Subminiature fluorescent lamps 69208
Cotter, J.E. *see* Rand, J.A. 100640
Cotter, L.K., Handschy, M.A. High-contrast ferroelectric liquid-crystal spatial light modulator 82737
Cotter, S. *see* Manning, R.J. 56776
Cotteverte, J.-C., Bretenaker, F., Le Floch, A., Glorieux, P. Vectorial nonlinear dynamics in lasers with one or two stable eigenstates 50911
Cottevieille, C. *see* Herrmann, P.F. 59973
Cottevieille, C. *see* Verhaege, T. 89367
Cottingame, W.B. *see* Johnson, K.F. 76415
Cottino, E., Dellera, D., De Paoli, S., Colle, C., Bozzolan, L. Control system design for the preventive maintenance of fibre optics plants 52492
Cottis, P.G. *see* Rosich, R.K. 73320
Cotton, B. Who needs UPS? 60372
Cotton, C.T. *see* McKenty, P.W. 83262
Cottrell, D.M. *see* Davis, J.A. 72487
Cottrell, G.W. *see* Valentin, D. 84635
Cottrell, M. *see* Mangeas, M. 89171
Couceiro, I.B., Carvalho, I.C.S., Margulis, W., Carlnas, T., Lidgard, A. Frequency doubling in erbium-doped fibers 94084
Couceiro, I.B. *see* Lacerda, M.M. 63395
Coucoulas, A., Benzoni, A.M., Dautartas, M.F., Dutta, R., Holland, W.R., Nijander, C.R., Woods, R.E. AlO bonding: a method of joining oxide optical components to aluminum coated substrates 94127
Coudenys, G. *see* Moerman, I. 83086
Couderc, V., Guy, O., Barthelemy, A., Froehly, C., Louradour, F. Self-optimized resonator for optical pumping of solid-state lasers 72952
Coudert, G. *see* Barnett, I. 76827
Coudert, O., Madre, J.C. Fault tree analysis: 10^{20} prime implicants and beyond 54603
Coudert, O., Madre, J.C. MetaPrime: an interactive fault-tree analyzer 61021
Coudert, O., Madre, J.C., Fraisse, H. New qualitative analysis strategies in Metaprime 54641
Coue, E., Chausse, J.P., Robert, H., Barbarin, F. Conductivity and mobility contactless measurements of semiconducting layers by microwave absorption at 35 GHz 53046
Couesnongle, M.de *see* de Couesnongle, M.
Couffignal, P., Baudrand, H., Theron, B. A new rigorous method for the determination of iris dimensions in dual-mode cavity filters 70835
Coughlin, T.J. dq/dt... the test differential 90926
Coughran, W.M., Jr. *see* Benvenuti, A. 62723
Coughran, W.M., Jr. *see* Pinto, M.R. 63041
Coughran, W.M., Jr. *see* Smith, R.K. 49949
Coull, L., Hagedorn, D., Remondino, V., Rodriguez-Mateos, F. LHC magnet quench protection system 82423
Coulomb, J.-L. *see* Nabeta, S.I. 89845
Coulomb, J.L. *see* Marechal, Y. 83445
Coulomb, P., Pogodalla, F. PLFP256 a pipelined Fourier processor 49479
Coulon, R. *see* Besnainou, J. 79277
Coulson, A.J., Vaughan, R.G., Poletti, M.A. Frequency-shifting using bandpass sampling 64506
Coulson, G., Blair, G.S. Meeting the real-time synchronization requirements of multimedia in open distributed processing 58134
Coulson, G., Blair, G.S., Robin, P. Micro-kernel support for continuous media in distributed systems 65151
Coulson, G. *see* Campbell, A. 65183
Coulter, J. *see* Han, L. 87264
Couluris, J.P. *see* Thompson, B.E. 66772
Counihan, T., Cox, S., Garde, D. On-chip integrated memories in DSP (distributed signal processing) architectures 80343
Counterman, R. Shared-channel ATM-based access for hybrid fiber-and-coaxial architectures 85988
Countryman, M., Kannan, R. Nonlinear boundary value problems on semi-infinite intervals 91374
Countryman, R. *see* Alvarez, J. 70328
Coupez, J.P. *see* Hettak, K. 80635
Coupez, J.P. *see* Kouam, C.N. 80637
Coupland, J.M. *see* Lawson, N.J. 74441
Couprie, M.E., Billardon, M. Behavior of the positron beam of the super-ACO storage ring in response to a modification of the RF frequency for free-electron laser experiments 63866
Courant, E. *see* Nosochkov, Y. 76284
Courant, E. *see* Nosochkov, Y. 87840
Courant, E.D. *see* Blinov, B.B. 87861
Courant, E.D. *see* Syphers, M.J. 66881
Courant, H. *see* Avignone, F.T. 67288
Courault, J. *see* Schneider, H. 89797
Courbon, M. *see* Fouquet, R. 76263
Courboules, B., Deparis, C., Massies, J., Leroux, M., Grattepain, C. $Al_xGa_{1-x}As/GaAs$ quantum well structures grown by metalorganic molecular beam epitaxy using dimethylethylamine alane 79774
Courcoubetis, C. *see* de Veciana, G. 65180
Court, P.de la *see* de la Court, P.
Courteau, R., Bose, T.K. A high-precision RF vector analyzer based on synchronous sampling 75875
Courtellemont, P., Olivier, C., de Brucq, D., Colot, O. Algorithms for change detection on locally stationary multichannel signals 57481
Courtiat, J.-P. *see* Carmo, L.R.d.C. 96438
Courtland, M., Delhaye, J.M. *(editors)* Sixth International Topical Meeting on Nuclear Reactor Thermal Hydraulics. NURETH 6 90736
Courtney, P. *see* Thacker, N.A. 84664
Courtney, P. *see* Thacker, N.A. 84672
Courtois, B. *see* Kolarik, V. 48659
Courtois, B. *see* Mir, S. 92429
Courtois, C. Traction power supply in France 78898
Courtois, C. Traction power supply in France (part 2) 78905
Courtois, J. SIAM: a knowledge-based system for practical work [CAI] 79189
Courtoy, M. Project Spinnaker: a new generation of rapid prototyping system 70227
Courty, J.M. *see* Giacobino, E. 50954
Cousin, B. FDDI and timing requirements for image transmission 51863
Cousin, B. Differential hashing functions: application to reachability graph generation 65051
Cousinou, M.C. *see* Gingrich, D. 53291
Cousins, C.S.G., Hamichi, M., Meads, R.E., Miners, F., Sheldon, B.J. Implementation of DEDXS. A differential energy-dispersive x-ray spectroscopy system 59213
Cousins, T. *see* Buckner, M.A. 98706
Cousseau, J.E. *see* Diniz, P.S.R. 92379
Cout, D. *see* Cocito, G. 56721
Cout, D. *see* Cocito, G. 82537
Couto e Silva, E.do *see* do Couto e Silva, E.
Coutts, T.J. *see* Gessert, T.A. 90435
Coutts, T.J. *see* Ramanathan, K. 100503
Coutts, T.J. *see* Wanlass, M.W. 100666
Coutts, T.J. *see* Ward, J.S. 100671
Coutts, T.J. *see* Zweibel, K. 100489
Coutu, G. *see* Halfin, M. 95563
Coutu, G. *see* Plaza, D.J. 95558
Couture, J.J.A. Xanthene dyed-dichromated colloid systems for real time hologram recording 57012
Couture, J.J.A., Lessard, R.A., Changkakotti, R., Manivannan, G. Hologram recording with a new xanthene dye-dichromated polymer system 56956
Couture, M. *see* Yun, L.C. 97165
Coutures, J.-L. *see* Caranhac, S. 76063
Couvreur, M. Electronic speed controllers: sensitivity to transients from capacitor switching in some mains or factory networks 60500
Couwenhoven, D. *see* Brower, B.V. 96088
Couyoumtzelis, C. *see* Borer, K. 53347
Cova, P. *see* Singh, A. 81772
Cova, S. *see* Lacaita, A. 94273
Cova, S. *see* Zappa, F. 63575
Covaci, S., Popescu-Zeletin, R. Shaping the distributed end-system for global distributed applications 96649
Coval, P. *see* Bensoussan, A. 61939
Covarrubias Ramos, R. *see* Ramos Niembro, G. 77971
Covell, S., Wold, K., Lawrence, D. Installation transition processing network and systems management architecture 52015
Coventry, P.J. *see* Chia, L.T. 52241

Cover, R. *see* Rakowsky, G. 63260
Cover, T.M., Zhen Zhang On the maximum entropy of the sum of two dependent random variables 95050
Cover, T.M. *see* Pombra, S. 74664
Covey, K., Murdock, S., Shiple, T. Two-phase logic design by hardware flowcharts 92043
Covington, C.E., Blake, J., Carrara, S.L.A. Two-mode fiber-optic bending sensor with temperature and strain compensation 58806
Covino, J., Noseworthy, G., Casswell, R. SYNC3: a modern approach to Omega synchronization 66000
Cowache, P. *see* Guillemoles, J.F. 79877
Cowache, P. *see* Guillemoles, J.F. 90397
Cowache, P. *see* Thouin, L. 81260
Cowan, B. A logic optimisation and reverse engineering tool 61651
Cowan, C.F.N. *see* Griffiths, H.D. 97465
Cowan, C.F.N. *see* Levin, M.D. 51486
Cowan, C.K., Modayur, B. Edge-based placement of camera and light source for object recognition and location 51720
Cowan, C.K. *see* DeCurtins, J. 53489
Cowan, D.F. *see* Alexander, J.P. 59072
Cowan, D.F. *see* Alexander, J.P. 70305
Cowan, P.L. *see* Karlin, B.A. 88296
Coward, D. *see* Baggs, R. 76791
Coward, D. *see* Fanti, V. 76788
Coward, J.R. Mission possible: information security 67949
Cowen, A.R. *see* Brettle, D.S. 98877
Cowen, A.R. *see* Workman, A. 98856
Cowen, S.J. Expendable fiber optic microcable. A mature technology to support communications with advanced undersea platforms 75406
Cowern, N.E.B. Interstitial traps and diffusion in epitaxial silicon films 55738
Cowern, N.E.B. *see* van Dort, M.J. 93121
Cowle, G.J. *see* Chieng, Y.T. 82969
Cowles, J., Gutierrez-Aitken, A.L., Bhattacharya, P., Haddad, G.I. 7.1 GHz bandwidth monolithically integrated $In_{0.53}Ga_{0.47}As/In_{0.52}Al_{0.48}As$ PIN-HBT transimpedance photoreceiver 86363
Cowles, J. *see* Gutierrez-Aitken, A.L. 58425
Cowles, J.C., Chen, W.L., Munns, G.O., Haddad, G.I. InAlAs/InGaAs(P) double heterojunction bipolar transistors with high breakdown voltage grown by chemical beam epitaxy (CBE) 61930
Cowley, D.C., Shafai, B. Registration in multisensor data fusion and tracking 57513
Cowley, K.D. *see* Allgrove, C.C. 64759
Cowley, M.D., Atlas, D.A. Microwave fibre-optic link. I 65762
Cowley, W.G., Sabel, L.P. The performance of two symbol timing recovery algorithms for PSK demodulators 65495
Cowley, W.G. *see* Sabel, L.P. 57530
Cowley, W.G. *see* Sabel, L.P. 74154
Cowling, K., Sugden, R. Human resources and industrial development: new social roles 69461
Cowper, J. Learning more about medical EMC pre-certification 94866
Cowperthwaite, M. *see* Berwick, K. 88151
Cox, A. *see* Davis, L. 58077
Cox, A.L. *see* Pigram, P.J. 82563
Cox, B. *see* Carrigan, R.A., Jr. 59039
Cox, B.G. *see* Jin, J.S. 51564
Cox, B.G. *see* Jin, J.S. 96007
Cox, B.L. *see* Younan, N.H. 57231
Cox, C. *see* Dom, B. 74356
Cox, C.H., III, Yee, A.C. RF gain stabilization of a directly modulated optical link using detector current normalization 86504
Cox, D.C. *see* Chuang, J.C.-I. 65633
Cox, G.G. *see* Cook, L.T. 67469
Cox, H.M. *see* Jong-In Song 49651
Cox, I.J., Hingorani, S., Maggs, B.M., Rao, S.B. Stereo without disparity gradient smoothing: a Bayesian sensor fusion solution 84666
Cox, J., Wyndrum, R.W., Jr. IEEE total quality management 90841
Cox, J. *see* Wyndrum, R. 69444
Cox, J.A., Fritz, T.A., Werner, T. Application and demonstration of diffractive optics for head-mounted displays 66625
Cox, J.D., Langford, D.S., Williams, D.W. Vertically integrated electronic X-ray imager 59228
Cox, J.D., Langford, S., Williams, D.W. Electronic intraoral dental X-ray imaging system employing a direct sensing CCD array 59344
Cox, J.W.R. Some examples of the prediction and validation of near-field dependent aircraft HF antenna parameters using NEC 51225
Cox, J.W.R. Computational economies in the prediction of characteristics of HF ' long-wire ' antennas mounted on large aircraft 94969
Cox, L.A., Jr., Yuping Qiu Optimal inspection and repair of renewable coherent systems with independent components and constant failure rates 79490
Cox, M.D., Guan, H.H. Vibration and audible noise of capacitors subjected to nonsinusoidal waveforms 68935
Cox, M.D. *see* Filipski, P.S. 77802
Cox, N.R. Optimizing nitrogen purity and flow in a convection reflow oven 81060
Cox, P.R. *see* Vaughn, J.T. 82295
Cox, R.T. *see* Bassani, F. 62254
Cox, R.V., Sundberg, C.E.W. An efficient adaptive circular Viterbi algorithm for decoding generalized tailbiting convolutional codes 51343
Cox, S. *see* Counihan, T. 80343
Cox, S.F.J. *see* Paciotti, M.A. 76401
Cox, W.M. *see* Collier, D. 87593
Coxe, R. *see* Baggs, R. 76791
Coxon, P.A. *see* Dimitriadis, C.A. 62145
Coyle, A.J., Henderson, W., Pearce, C.E.M., Taylor, P.G. A general formulation for mean-value analysis in product-form batch-movement queueing networks 64999
Coyle, D.B. *see* Guerra, D.V. 94374
Coyle, E.J. *see* Adams, G.B., III 80443
Coyle, E.J. *see* Liangchien Lin 84201
Coyle, E.J. *see* Yoo, J. 95965
Coyle, P. *see* Abe, K. 88115
Coyle, P. *see* Antilogus, P. 59064
Coyle, P. *see* Antilogus, P. 59127
Coyne, D. *see* Abe, K. 88115
Coyne, D. *see* Antilogus, P. 59064
Coyne, D. *see* Antilogus, P. 59127
Coz, F.Le *see* Le Coz, F.
Coz, Y.Le *see* Le Coz, Y.
Cozzens, J.H. *see* Krim, H. 74071
Cozzi, L. *see* Gingrich, D. 53291
Cozzio, R., Peck, D. Neural signal processing networks for electric power distribution system control 59844
Crabb, R.L. In-flight Hipparcos solar array performance degradation after three and a half years in GTO 78819
Crabbe, E. *see* Shahidi, G.G. 71790
Crabbe, E.F., Meyerson, B.S., Stork, J.M.C., Harame, D.L. Vertical profile optimization of very high frequency epitaxial Si- and SiGe-base bipolar transistors 93339
Crabbe, E.F. *see* Cressler, J.D. 62702
Crabbe, E.F. *see* Harame, D.L. 61658
Crabbe, E.F. *see* Harame, D.L. 71770
Crabbe, E.F. *see* Harame, D.L. 93579
Crabbe, E.F. *see* Zanoni, E. 62725
Crabbe, J. *see* Hanson, H. 88903
Crabbe, M.W. *see* Leonowicz, M. 71948
Crabtree, C.M. *see* LaBel, K.A. 67726
Crabtree, C.M. *see* LaBel, K.A. 70336
Crabtree, C.M. *see* LaBel, K.A. 77141
Crabtree, I.B., Munaf, D. Planning beneficial and profitable network upgrade paths 96472
Crabtree, P. *see* Pfiester, J.R. 71803
Crabtree, P.E. *see* Gilbert, P.V. 93628
Craciun, D. *see* Amirhaghi, S. 91587
Craciun, V. *see* Amirhaghi, S. 91587
Craddock, I.J., Turner, P.G., Railton, C.J. Reducing the computational overhead of the near-field transform through system identification 83818
Craddock, W. *see* Barletta, B. 76636
Craford, M.G. *see* Kish, F.A. 56567
Craft, N. *see* Butrym, A.M. 50700
Cragg, A. *see* Fife, A.A. 93943
Cragg, N. *see* Kizakevich, P.N. 77012
Crahan, K.K. *see* Williams, G.M. 63403
Crahay, P. *see* Jaunart, E. 50468
Crahay, P. *see* Jaunart, E. 82566
Crahay, P. *see* Jaunart, E. 82996
Crahay, P. *see* Megret, P. 86407
Craig, A.A. *see* Preece, A.W. 87313
Craig, A.D., Wishart, A.W. Digital beamforming for satellite systems 58353
Craig, B., Boerner, C. Two projects get a 'hand' from B&V 59936
Craig, D. *see* Whitaker, J.F. 82054
Craig, D.W. Computing ship resolution gain for horizontal towed arrays in realistic ocean environments 97459
Craig, D.W. *see* Burfield, G. 66440
Craig, I.R. *see* Edgar, G.K. 99086
Craig, J.W. Equalization for unbalanced QPSK and for staggered QPSK 74138
Craig, K. *see* Allen, S.J. 71163
Craig, K.C. *see* Case, S.P. 58957
Craig, K.C. *see* Islam, A.S. 82212
Craig, K.C. *see* Islam, A.S. 91658
Craig, K.C., J., Greenman, P. Asset recovery via automated test and analysis 59646
Craig, M.D. Minimum-volume transforms for remotely sensed data 88848
Craig, R.G.A. *see* Chunmeng Wu 56757
Craig, W.A. *see* Manca, J. 92822
Craigen, R. Complex Golay sequences 61176
Craighead, H.G. *see* Davies, A. 55884
Craighead, H.G. *see* Lercel, M.J. 71544
Craighead, H.G. *see* Soh, Y.-A. 71144
Craighill, E., Lang, R., Fong, M., Skinner, K. CECED: a system for informal multimedia collaboration 65238
Craigin, B. *see* Parks, H.G. 82067
Craigin, R. *see* Parks, H.G. 56072
Crain, J. *see* Hatton, P.D. 88334
Crain, W.R. *see* Nichols, D.K. 71551
Craith, B.D.M., O'Keeffe, G., McDonagh, C., McEvoy, A.K. LED-based fibre optic oxygen sensor using sol-gel coating 58817
Cram, L.E. *see* Large, M.I. 86637
Cramer, P.W., Imbriale, W.A. Speed up of near-field physical optics scattering calculations by use of the sampling theorem 83841
Cramm, S. *see* Colbow, K.M. 93072
Crandall, F.A. *see* Jorgensen, K.V. 97454
Crandall, K.A., Fisch, M.R., Petschek, R.G., Rosenblatt, C. Homeotropic, rub-free liquid-crystal light shutter 72471
Crandall, K.R. *see* Raparia, D. 87806
Crandall, K.R. *see* Shepard, K.W. 67135
Crandall, R. *see* Baerg, B. 62517
Crandall, R.S. *see* Iwaniczko, E. 90443
Crandall, R.S. *see* Moskowitz, P.D. 69502
Crandell, D.A. *see* Blinov, B.B. 87861
Crandell, T., Davis, C., Butler, J. Advanced technology transfer through empowered cross-functional teams—Case study: The team response to a pre-production IC fabrication process yield loss 54415
Crandle, T.L., Leon, S.C. Solving optical lithography problems by using simulation 81687
Crane, F.E., III, Davidson, S., Kane, J., Stroud, C.E., Shianlin Wu Trends in digital device test methodologies 62935
Crane, F.E., III *see* Yau, C.W. 60926
Crane, J. *see* Mahulikar, D. 91028
Crane, K.M. *see* Ciacchi, F.T. 90378
Crane, M., Mackenzie, R., Millsom, D., Zelazny, M. AMS: area message service for SLC 75011
Crane, M. *see* Krauter, K. 76579
Crane, P. *see* Hardie, C. 72146
Crane, P.M. Evaluation of two wide-field-of-view display systems for air-combat training 87372
Crane, P.M. *see* Bell, H.H. 77801
Crane, R.A. *see* Sinton, R.A. 100629
Crane, R.A. *see* Tilford, C.L. 100724
Crane, R.A. *see* Verlinden, P.J. 100613
Cranton, W.M. *see* Thomas, C.B. 72655
Crappe, M. *see* Mpanda-Mabwe, B. 89848
Crappe, M. *see* Mpanda-Mabwe, I.B. 89856
Crary, D.J. *see* Ahlen, S.P. 59097
Crasson, M. *see* Benayoun, M. 59095
Crauwels, G. A private broadband network architecture 58222
Crauwels, G. Multimedia communication services for videoconferencing 65463
Cravatts, M. *see* Asthana, A. 80332
Cravatts, M. *see* Asthana, A. 80334
Craven, D. *see* Pichler, D. 94408
Craven, M.P., Curtis, K.M., Hayes-Gill, B.R. Consideration of multiplexing in neural network hardware 61843
Cravens, R.C., Siferd, R.E., Kazimierczuk, M.K. CMOS design of PWM control circuitry for power converters 80100
Cravero, A. *see* Gingrich, D. 53291
Cravey, W.R. *see* Newton, M.A. 66806
Craw, I., Cameron, P. Face recognition by computer 84670
Crawford, A. *see* Dey, J. 67172
Crawford, B.A. *see* Addleman, R.S. 53075
Crawford, C. *see* Graber, J. 67093
Crawford, C. *see* Kirchgessner, J. 67104
Crawford, C.A. *see* Zhou, P. 87879
Crawford, D., Davidovitz, M. A 2-step waveguide E-plane filter design method using the semi-discrete finite element method 70845
Crawford, D.I. Contribution and distribution coding of video signals 97534
Crawford, H.J. Particle identification in a liquid argon calorimeter 67335
Crawford, J.A. Cost effective fine pitch rework 92780
Crawford, J.D. *see* Stokes, R.B. 92485
Crawford, J.F., Larsson, B., Reist, H., Goldin, L., Conde, H., Elmgren, K., Grusell, E., Nilsson, B., Petterson, O., Ronnqvist, T. High energy accelerator technology in radiology 77054
Crawford, K., O'Sullivan, M., Perry, J., Simrock, S. The CEBAF analog monitoring system 76580
Crawford, K. *see* Cho, Y. 87949
Crawford, K.B. *see* Koga, R. 70466
Crawford, K.B. *see* Nichols, D.K. 71551
Crawford, K.S., Epperly, R.A., Murphy, H.G., Saunders, L.A. Applying adjustable frequency controllers to high-starting-torque loads 60170
Crawford, L. *see* Vendura, G.J., Jr. 99104
Crawford, M.C. *see* Tempero, P.E. 89607
Crawford, M.L. *see* Hill, D.A. 73393
Crawford, M.M. *see* Lamei, N. 59546
Crawford, P.A. *see* Chang, D.D. 92793
Crawford, T. Variables that influence today's cleanliness test equipment 81013
Crawforth, L. *see* Fan, L.-S. 60270
Crawley, E.F. *see* Warkentin, D.J. 90332
Crawley, G. Little things make a big difference [PCB design for manufacture] 92699
Crawley, H.B., McKay, R., Meyer, W.T., Nutter, S., Tarle, G., Rosenberg, E.I., Thomas, W.D. Characterization and radiation testing of the Harris HS9008RH flash analogue to digital converter 59209
Crawley, H.B., McKay, R., Meyer, W.T., Rosenberg, E.I., Thomas, W.D. Testing fast ADC's at sample rates between 20 and 140 MSPS 61775
Crawley, H.B., McKay, R., Meyer, W.T., Rosenberg, E.I., Thomas, W.D. Recent results from tests of fast analog-to-digital converters 88233
Crawley, H.B., McKay, R., Meyer, W.T., Rosenberg, E.I., Thomas, W.D. Recent results from tests of fast analog-to-digital converters 98666
Crawley, H.B. *see* Nutter, S. 88234
Crawley, H.B. *see* Nutter, S. 98697
Craxton, R.S. *see* Da Silva, L.B. 94323

Craxton, R.S. *see* Ratowsky, R.P. 50733
Creager, J.B. *see* Narayanan, S. 100471
Creager, W.N. *see* Chen, D.M. 61405
Creamer, C.T. *see* Smith, P.M. 80839
Creamer, P.M., Alsip, D.H., Radziszewski, J.P. Performance requirements for the Coast Guard's differential GPS service 52657
Crean, G.M. *see* Zhang, D. 93850
Creaney, M.J., Gorgui-Naguib, R.N. A scaly artificial neural network architecture for isolated word recognition using the British Telecommunications English alphabet database 64376
Creasey, M.R., Varney, M.S. The development of a thick-film electrochemical sensor and instrumentation for in-situ determination of carbon dioxide partial pressure (pCO_2) in the marine environment 99298
Creasey, R.L. *see* Pauley, P.M. 99199
Creath, K. *see* Mercer, C.R. 63495
Crebbin, G. *see* Kuczborski, W. 70435
Crebbin, G. *see* Li, A. 57868
Crecy, F.de *see* de Crecy, F.
Cree, J.S. Networking in the DoE 52161
Creel, K.E., Nelson, D.J. Criteria for approximating a layer in three-dimensional thermal models of multilayer microelectronics 92817
Cregan, M. *see* Forsythe, T.D. 99948
Creighton, O. *see* Yallup, K. 93639
Crelerot, O., Bernot, F., Kauffman, J.M. Theoretical study of an electrical differential motor with a free permanent magnet rotor 90595
Cremer, C., Schier, M., Baumeister, G., Ebbinghaus, G., Huber, H., Kunkel, W., Bauer, J.G., Kristen, G., Rieger, J., Schimpe, R., Strzoda, R. WDM receiver chip with high responsivity 86019
Cremer, G.A. *see* Doering, E.L. 89697
Cremer, M. On tools for the design of system architechtures for innovative traffic information systems 85471
Cremer, M.A. *see* Silverstein, M.E. 85655
Cremona, M. *see* Furetta, C. 72580
Cremonesi, A. *see* D'Alto, V. 86729
Cremonesi, O. *see* Alessandrello, A. 59111
Cremonesi, O. *see* Alessandrello, A. 59163
Cremonesi, O. *see* Alessandrello, A. 88147
Crenshaw, J.W. All about Fourier analysis 91181
Crenshaw, M. *see* D'Agostino, J. 66499
Crenshaw, M.D. *see* O'Kane, B.L. 66488
Crepaux, S., Jacomino, M., David, R. On robustness of required random test length with regard to fault occurrence hypotheses 49396
Crepaz, S., Castelli Dezza, F. A computer program for the design of electric and hybrid vehicles 54203
Crepeau, C., Kilian, J. Discreet solitary games 73764
Crescenzo, G.Di *see* Di Crescenzo, G.
Crescimbini, F. *see* Boschi, A. 54109
Crescimbini, F. *see* Caricchi, F. 60523
Crescimbini, F. *see* Caricchi, F. 69141
Crespo, A. *see* Botti, V. 75007
Crespo, J. *see* Boj, P.G. 56939
Crespo Lopez-Urrutia, J.R. *see* Fill, E.E. 50732
Cressan, E., Andre, P., Fournier, O., Morgand, A., Peraudeau, A., Ruello, Y. Characterisation of gels used in optical cables by controlled stress rheometer 52520
Cressler, J. *see* Shahidi, G.G. 71790
Cressler, J.D. Operation of SiGe bipolar technology at cryogenic temperatures 62700
Cressler, J.D., Harame, D.L., Comfort, J.H., Stork, J.M.C., Meyerson, B.S., Tice, T.E. Silicon germanium heterojunction bipolar technology: the next leap in silicon? 93355
Cressler, J.D., Richey, D.M., Jaeger, R.C., Crabbe, E.F., Comfort, J.H., Stork, J.M.C. High-injection barrier effects in SiGe HBTs operating at cryogenic temperatures 62702
Cressler, J.D. *see* Burghartz, J.N. 71830
Cressler, J.D. *see* Harame, D.L. 61658
Cressler, J.D. *see* Harame, D.L. 71770
Cressler, J.D. *see* Harame, D.L. 93579
Cressler, J.D. *see* Richey, D.M. 62704
Cressler, J.D. *see* Warnock, J. 71771
Cresson, P.-Y., Michel, C., Dubois, L., Chive, M., Pribetich, J. Complete three-dimensional modeling of new microstrip-microslot applicators for microwave hyperthermia using F.D.T.D. method 98943
Cresswell, M.W., Allen, R.A., Linholm, L.W., Ellenwood, C.H., Penzes, W.B., Teague, E.C. Test structure for the in-plane locations of project features with nanometer-level accuracy traceable to a coordinate measurement system 55838
Cresswell, M.W., Allen, R.A., Linholm, L.W., Ellenwood, C.H., Penzes, W.B., Teague, E.C. New test structure for nanometer-level overlay and feature-placement metrology 81726
Cresswell, M.W., Penzes, W.B., Allen, R.A., Linholm, L.W., Ellenwood, C.H., Teague, E.C. Electrical test structure for overlay metrology referenced to absolute length standards 81714
Cresswell, M.W. *see* Allen, R.A. 62975
Cresswell, M.W. *see* Khera, D. 62954
Cresswell, M.W. *see* Teague, E.C. 55837
Crestani, D. *see* Gentil, M.H. 49403
Crestel, J., Guitton, M. Alaryngeal female speech: an approach for the restoration of gender 98970
Crestel, J., Guitton, M., Barbier, L. A view of the processor operations involved in timed Petri net modelized discrete control systems 70637
Cresti, A. *see* Blundo, C. 73751
Cresto, P.C. *see* Molinar, G.F. 66740
Cresto, P.C. *see* Molinar, G.F. 87126
Crete, D. *see* Roblin, C. 57153
Cretella, J.P., Rafal, R.B., McCarron, J.P., Jr., Markisz, J.A. MR imaging in the diagnosis of a retroperitoneal schwannoma 59341
Cretella, M.C. *see* Bathey, B.R. 100622
Cretolle, J. *see* Cesarsky, C.J. 52955
Cretu, A. Parameters measurement of linear lossy coils and capacitors using 90°-dephased currents 98259
Cretu, A. *see* Cretu, E. 100193
Cretu, E., Cretu, A., Lucanu, M. About automatic compensation of current transformers errors with low power converters 100193
Crevel, P. *see* Berland, V. 71650
Crevier, D. Hue-based segmentation of color images 95760
Creviston, F. *see* Apel, T. 86222
Crewe, A.V. *see* Feinerman, A.D. 81608
Crewe, D.A. *see* Feinerman, A.D. 81608
Criado, R. *see* Florez, J. 59866
Crichton, G.C. *see* Pedersen, A. 82113
Crichton, G.C. *see* Rerup, T.O. 83532
Crick, F. *see* Louineau, J.P. 100020
Crid Yu, Chenng, N.W. Trench doping conformality by plasma immersion ion implantation (PIII) 62405
Criddle, A.J. *see* Geatches, R.M. 71175
Criel, S., Martens, L., De Zutter, D. Theoretical and experimental near-field characterization of perforated shields 73392
Criez, K. *see* Rayner, J. 66425
Crimmins, S.M. Analysis of video conferencing on a token ring local area network 65448
Crinon, R.J., Kolodziej, W.J. Adaptive model-based motion estimation 84761
Crippa, C. *see* Nicollini, G. 85954
Crippen, S. *see* Goodman, R. 65919
Crisafulli, J. *see* Arnold, R.J. 86283
Crisafulli, S., Bitmead, R.R. Robust adaptive quantization: a Kalman-filter-based approach 95483
Crisci, M.R. Parallel frontal methods for ODE's 79726
Crisci, R.J. *see* Mersereau, K. 50559
Criscoe, J.C. *see* Kueck, J.D. 90321
Crisp, G. *see* McTiffin, M.J. 75311
Crisp, J. *see* Barsotti, E., Jr. 98453
Crisp, P.B. Designing for improved performance and reduced calibration costs 60896
Crisp, P.B. *see* Ives, G.R. 86926
Crist, C. *see* Van Deusen, A.L. 76439
Crist, C.E., Funk, L.W., Hurd, W., Leifeste, D.T., Krogh, M., Mcginnis, K., Stittsworth, D., Vandeusen, A., Wright, S. SSCL linac commissioning diagnostic cart 76442
Crist, C.E. *see* Fritsche, C.T. 76842
Crist, C.E. *see* Hurd, J.W. 76440
Crist, C.E. *see* Hurd, J.W. 76590
Crist, C.E. *see* Richardson, R.D. 76599
Crist, R. *see* Antsos, D. 80633
Cristaldi, L., Ferrero, A., Superti-Furga, G. Current decomposition in asymmetrical, unbalanced three-phase systems under nonsinusoidal conditions 59700
Cristea, N.I. A unified form of the theorem of Thevenin 91692
Cristian, F., Fetzer, C. Probabilistic internal clock synchronization 96230
Cristiano, R., Esposito, E., Frunzio, L., Monaco, R., Pagano, S., Peluso, G., Pepe, G. High-resolution energy spectroscopy and superconductive tunnel junction 63311
Cristiano, R., Esposito, E., Frunzio, L., Pagano, S., Barone, A., Peluso, G., Pepe, G., Akoh, H., Nakagawa, H., Takada, S. Nb-based Josephson junction devices for nuclear radiation detection: design and preliminary experimental results 63296
Cristiansen, J. *see* Ljuslin, C. 98700
Cristich, C. MIL spec solderability—putting it all together 81082
Cristoloveanu, S., Ioannou, D.E., Lawrence, R.K., Campisi, G.J., Hughes, H.L. Asymmetrical irradiation effects in SIMOX MOSFETs 71641
Cristoloveanu, S., Ionescu, A.M., Chovet, A., Heijne, E.H.M., Jarron, P. Radiation induced lifetime degradation in SIMOX structures 71642
Cristoloveanu, S. *see* Dutoit, M. 71694
Cristoloveanu, S. *see* Faynot, O. 93478
Cristoloveanu, S. *see* Flandre, D. 62745
Cristoloveanu, S. *see* Flandre, D. 93476
Cristoloveanu, S. *see* Ionescu, A.M. 93472
Cristoloveanu, S. *see* Mieville, J.-P. 50017
Cristoloveanu, S. *see* Moragues, J.-M. 62828
Critchell, J. *see* Tomita, T. 81169
Critchley, S.M., Willis, M.R. Deposition of thin phthalocyanine films by spin coating 70064
Critchlow, G.W. *see* Jones, A.C. 54954
Crites, T.R. Alpha air monitor alarm sensitivity: operational experience 99010
Crivello, M.R. *see* Davis, J.A. 72487
Crnic, F. *see* Economikos, L. 54484
Crnosija, P., Bogdan, S., Kovacic, Z. Sensitivity model and synthesis of dead-beat algorithms in digital servosystems 90009
Crnosija, P. *see* Kovacic, Z. 90566
Croak, M.R. Emerging technologies and the messaging market 85601
Croce, F., Passerini, S., Scrosati, B. Ambient temperature lithium polymer rocking-chair batteries 68970
Croce, R.V. *see* Sarma, L. 67630
Crocetti, P., Fratta, L., Gerle, M., Marsiglia, M.A. SMDS multicast support in ATM networks 96754
Crochet, M. *see* Dalaudier, F. 57108
Crochet, M. *see* Ferrat, S. 88775
Crochet, M. *see* Reynaud, M. 86590
Crochon, J.-P. *see* Baret, J.-P. 78284
Crocker, B.N. *see* Neilson, J.B. 69218
Crocker, C.M., Jr. *see* Johnson, L.H. 77800
Crocker, D.M. Job estimating using the AutoMOST expert system 68159
Crocker, T.E. *see* Stern, J.A. 96306
Crockford, G. *see* Camas, J. 76613
Crofford, M. *see* Chao, Y. 67004
Crofford, M.T. *see* Krafft, G.A. 76507
Crofts, G.J., Green, R.P.M., Damzen, M.J. Analysis of geometries for efficient orthogonal-pump four-wave mixing in inverted Nd:YAG 50946
Crofts, G.J. *see* Damzen, M.J. 72949
Crognale, C. *see* Vespasiano, G. 50466
Croke, E.T. *see* Mierzwinski, M.E. 61928
Croke, E.T. *see* Scott, J.A. 62808
Croke, S., Herrenschmidt, J. More electric initiative—power-by-wire actuation alternatives 88680
Croll, A., Tegetmeier, A., Nagel, G., Benz, K.W. Floating-zone growth of GaAs under microgravity during the D2-mission 48910
Croll, M.G. The transmission of PALplus 58548
Croll, P.R. *see* Wright, P.M. 64758
Crols, J., Steyaert, M. Switched-opamp: an approach to realize full CMOS switched-capacitor circuits at very low power supply voltages 80505
Crols, J. *see* Steyaert, M. 97329
Cromack, G.T. Narrowing the options: How trunking will evolve into narrowband sophistication 52345
Croman, R. *see* Goldenberg, M. 92371
Cromer, D.E., Johnson, M.E. The impact of the Internet on communication among reference librarians 75026
Crone, G. *see* McMahon, T. 88013
Crone, G.A.E. *see* Albertsen, N.C. 51249
Crone, G.J. *see* McMahon, T. 88003
Croneberger, D.K. Progress on first-of-a-kind engineering 78302
Cronenwett, W.T. *see* Barghi, H. 85331
Cronin, D. Examining audio DSP algorithms 64410
Cronin, D. *see* Vigil, J. 71533
Cronin, D.J., Gallatin, G.M. Micrascan II overlay error analysis 71530
Cronin, F.J., Hebert, P.L. Inequities in the benefits and costs of telecommunications across stakeholder groups 58027
Cronin, L.B. The evolution of quality control standards for calibration systems over the past thirty years 66102
Cronin, M.F., Adams, T., Fedynyshyn, T., Georger, J., Mori, J.M., Sinta, R., Thackeray, J.W. Investigation of onium salt type photoacid generators in positive DUV resist systems 81631
Cronin, W. *see* Liaw, H.M. 93845
Cronin-Golomb, M. *see* Khoury, J. 51577
Cronin-Golomb, M. *see* Khoury, J. 56947
Cronin-Golomb, M. *see* Khoury, J. 83358
Cronin-Golomb, M. *see* Khoury, J. 95850
Crook, A.C., Cockerill, T.M., Forbes, D.V., Herzinger, C.M., DeTemple, T.A., Coleman, J.J. Low drive voltage GaAs quantum well electroabsorption modulators obtained with a displaced junction 56431
Crookes, C.G., Croston, I.R., Pescod, C.R. Selfaligned integrated silica on silicon waveguide-photodiode interface 63611
Crookes, C.G. *see* Hall, D.D. 50677
Crooks, R. Embedded RISC μPs present new debugging challenges 80396
Crooks, W.R. *see* Shea, J.J. 90294
Cros, A. *see* Shafeev, G. 48957
Crosbie, E. *see* Bizek, H. 67238
Crosbie, E. *see* Liu, J. 66926
Crosbie, E. *see* Liu, J. 98429
Crosbie, E.A. Emittance and damping of electrons in the neighborhood of resonance fixed points 66987
Crosbie, E.A. *see* Yong-Chul Chae 66925
Crosby, D.B., Lampard, G.F. Dispersion-induced limit on the range of octave confined optical SCM transmission systems 86370
Crosignani, B. *see* Segev, M. 83315
Crosland, N.C.E. *see* Kempson, V.C. 87892
Crosnier, Y. *see* Borghs, G. 61944
Crosnier, Y. *see* Gaquiere, C. 56025
Cross, A.D. *see* Cheverst, K. 52107
Cross, D.A. *see* Fritz, M.E. 65824
Cross, L.E. Ceramic sensors and actuators for smart materials and adaptive structures 66234
Cross, L.E. *see* Chen, J. 54933

Cross, L.E. *see* Jiang, Q.Y. 82141
Cross, L.E. *see* Kumar, S. 93805
Cross, L.E. *see* Kumar, S. 93806
Cross, L.E. *see* Li, S. 56128
Cross, L.E. *see* Li, S. 58956
Cross, L.E. *see* Shaoping Li 76155
Cross, L.E. *see* Wang, H. 71846
Cross, L.E. *see* Zhang, Q.M. 56112
Cross, L.E. *see* Zhang, Q.M. 71853
Cross, L.E. *see* Zhang, Q.M. 93736
Cross, L.R. The market for multimedia distance education for corporate training in Japan-US business and the management of information technology 96384
Cross, P.A. *see* Mok, E. 97485
Cross, R.W., Kos, A.B. Local magnetoresistance and point-source excitation of Ni-Fe thin films 72112
Cross, R.W. *see* Liu, H. 89296
Cross, T. Choosing the right standby battery 90099
Cross, T. *see* Hardingham, C. 100742
Cross, T. *see* Holland, A.D. 67419
Cross, T.A. *see* Pearsall, N.M. 100750
Crossland, W.A., Davey, A.B. Addressing requirements for chiral smectic liquid crystal active backplane spatial light modulators 72470
Crossland, W.A. *see* Holmes, M.J. 58441
Crossland, W.A. *see* O'Brien, D.C. 56447
Crossley, S.L. *see* Reininger, R. 88291
Crossley, S.L. *see* Wallace, D.J. 87758
Crossman, A. A high performance audio codec for videoconferencing 75108
Croston, I.R., Nuttall, C.L., St. Ville, L.J., Parsons, N.J. WDM technologies for high capacity optical communications 75407
Croston, I.R. *see* Crookes, C.G. 63611
Croswell, W.F., Bucci, O.M., Pelosi, G. From wave theory to ray optics 94771
Crotti, G. *see* Bottauscio, O. 80950
Crottier-Combe, S., Audisio, S., Degauque, J., Viala, B. Siliconization and aluminization up to 6.5 wt% of iron sheets: evolution of magnetomechanical and magnetic properties 63144
Crotts, R. *see* Claus, R. 52928
Crotty, I., Valverde, J.L., Laurenti, G., Williams, M.C.S., Zichichi, A. Further studies of avalanche mode operation of resistive parallel plate chambers 67347
Crotty, I. *see* Charpak, G. 76753
Crotty, J. *see* Rohatgi, A. 100574
Crouau, M. *see* Ariztizabal, F. 98518
Crouch, D., Thorpe, S.C., Cook, M.J., Chambrier, I., Ray, A.K. Langmuir-Blodgett films of an asymmetrically substituted phthalocyanine. Improved gas-sensing properties 66525
Crouch, P.E. *see* Tylavsky, D.J. 59671
Crouch, R. *see* Derwent, P.F. 76784
Crouch, W.W., Antenucci, T.P., Barnes, S.B., Jr., Miranda, J.G. Combined-cycle plant first built by a state authority 78455
Crounse, K.R. *see* Tanaka, M. 95804
Crouzeix, M., Larsson, S., Thomee, V. Resolvent estimates for elliptic finite element operators in one dimension 69895
Crovato, G., Lucchini, F. Combined cycles with pressurised coal combustion 53948
Crovini, G. *see* Demichelis, F. 48982
Crovini, G. *see* Demichelis, F. 71142
Crovini, L., Steur, P.P.M. The ITS-90 realisation. A survey 86893
Crovini, L., Steur, P.P.M. ITS-90 realization in fourteen national standards laboratories: results of a CCT inquiry 86955
Crovini, L. *see* Fernicola, V. 66395
Crovini, L. *see* Fernicola, V. 87057
Crow, J.D. *see* Lewis, D.K. 82873
Crow, J.E., Schneider-Muntau, H.J., Parkin, D.M., Sullivan, N. High magnetic field research: overview of facilities and science and technology opportunities 72174
Crow, J.E. *see* Brandt, B.L. 82507
Crow, J.E. *see* Brooks, J. 56282
Crow, J.E. *see* Campbell, L.J. 82503
Crow, L.H. Confidence intervals on the reliability of repairable systems 54593
Crow, L.H., Franklin, P.H., Robbins, N.B. Principles of successful reliability growth applications 54624
Crow, M. *see* Nanda, A. 89097
Crow, M.L. Dynamics of voltage instability and collapse 77886
Crow, M.L., Chen, J.G. The multirate method for simulation of power system dynamics 89022
Crow, M.L., Lesieutre, B.C. Voltage collapse 68046
Crow, R.P. Integrated Global Surveillance and Navigation System 67744
Crowcroft, J. Why lossy internetworking and lossless ABR ATM services do not go together—RN/94/21 85718
Crowcroft, J. *see* Wakeman, I. 85948
Crowcroft, J. *see* Wang, Z. 74830
Crowcroft, J. *see* Zheng Wang 58135
Crowder, S.W., Griffin, P.B., Hsieh, C.J., Wei, G.Y., Plummer, J.D., Allen, L.P. Oxidation enhanced dopant diffusion in separation by implantation by oxygen silicon-on-insulator material 62408
Crowder, S.W., Griffin, P.B., Plummer, J.D. Characterization of interface topography of the buried Si-SiO_2 interface in silicon-on-insulator material by atomic force microscopy 81451
Crowder, S.W., Hsieh, C.J., Griffin, P.B., Plummer, J.D. Effect of buried Si-SiO_2 interfaces on oxidation and implant-enhanced dopant diffusion in thin silicon-on-insulator films 81376
Crowe, T.W. *see* Porterfield, D.W. 82794
Crowe, W.M. Optical morphological processing of optical correlator signals 51646
Crowley, J.D., Dalrymple, R.E., Hang, C., Luu, V., Fank, F.B. InP forms stable millimeter-wave power amplifiers 55390
Crowley, J.L., Bobet, P., Schmid, C. Maintaining stereo calibration by tracking image points 96025
Crowley, J.W. *see* Ingalls, R.P. 58532
Crowley, M.D., Atlas, D.A. Microwave fibre-optic link — part 2 65857
Crowley, R.T., Vardaman, E.J. Recent developments in high lead count TAB packaging 81118
Crowley, R.T., Vardaman, E.J. Packaging alternatives with 3D technology 90992
Crowley, R.T. *see* Vardaman, E.J. 90981
Crowley, T. Commercial multimedia groupware 85612
Crowther, M. Modelling and validation of telephony network signalling 96915
Croy, R., Peuser, F.A. Experience with solar systems for heating swimming pools in Germany 66774
Crozat, P. *see* Aniel, F. 62886
Crozat, P. *see* Sylvestre, A. 62884
Crozier, P.J. *see* Wright, C.D. 75874
Crozier, S., Dodd, S., Doddrell, D.M. Design of shielded quadrupolar gradient coils for magnetic resonance microscopy by simulated annealing 72249
Crozier, S. *see* Eccles, C.D. 59348
Cruden, A., McDonald, J.R., Andonovic, I., Uttamchandani, D., Porrelli, R., Allan, K. A magneto-optic crystal based current measurement device 60020
Crue, C.R. *see* Eng, K.Y. 75146
Cruege, F. *see* Rizk, R. 55540
Crugnola, E. New European standards for differential earth-leakage circuit breakers for domestic and similar applications 60385
Crugnola, E. Type 'B' differential residual current circuit breakers 68900
Cruickshank, D.G.M. *see* Laurenson, D.I. 58350
Cruickshank, R.F., Schoechle, T.D. Low cost information gateways 85825
Cruijs, P.van der *see* van der Cruijs, P.
Crum, S. Plating equipment meets challenges of changing PWB marketplace 92711
Crum, S. AOI users set sights on process control 92752
Crum, S. Bare board test services keep pace with test technology 92773
Crump, S.J. *see* Lewis, C.P. 52838
Crump, S.J. *see* Lewis, C.P. 58701
Cruse, E. *see* Schiffer, M. 94660
Cruselles, E., Melus, J.L., Soriano, M. An overview of security in Eurocrypt conditional access system 75710
Crutcher, L., Grinham, J. The networked video jukebox 58122
Crutcher, R.M. Imaging the universe at radio wavelengths 66006
Cruthis, E.N. *see* Rigdon, S.E. 91116
Cruz, A. *see* Chevrier, J. 79801
Cruz, C.H.Brito *see* Brito Cruz, C.H.
Cruz, C.M.T. *see* Barbi, I. 68824
Cruz, D.F.da *see* da Cruz, D.F.
Cruz, G.C. *see* Acevedo, A.M. 90398
Cruz, J.L., Gimeno, B., Navarro, E.A., Such, V. The phase center position of a microstrip horn radiating in an infinite parallel-plate waveguide 73562
Cruz, J.L. *see* Dakin, J.P. 87254
Cruz, J.L. *see* Gimeno, B. 73565
Cruz, J.R. *see* Krueger, D. 50359
Cruz, J.R. *see* Krueger, D. 72158
Cruz, J.R. *see* Pitstick, G.M. 84554
Cruz, J.R. *see* Tahernezhadi, M. 52326
Cruz, J.R. *see* Tahernezhadi, M. 52327
Cruz, J.R. *see* Wang, Y. 64996
Cruz, J.R. *see* Womack, J.E. 77317
Cruz, L.J.de Campos *see* de Campos Cruz, L.J.
Cruz, W. *see* Chang, L.F. 86171
Cruz Serra, A., Silva Girao, P. Static and dynamic testing of A/D converters using a VXI based system 97870
Cryan, R.A. Optimum and sub-optimum detection of optical heterodyne n-ary PPM 97309
Cryan, R.A., Phillips, A.J., Senior, J.M. An optically preamplified PPM threshold detection receiver for satellite communications 52473
Cryan, R.A., Phillips, A.J., Senior, J.M. Optical fibre n-ary PPM soliton systems 82569
Cryan, R.A. *see* Elmirghani, J.M.H. 58364
Cryan, R.A. *see* Elmirghani, J.M.H. 65810
Cryan, R.A. *see* Elmirghani, J.M.H. 65856
Cryan, R.A. *see* Elmirghani, J.M.H. 66058
Cryan, R.A. *see* Elmirghani, J.M.H. 74153
Cryan, R.A. *see* Elmirghani, J.M.H. 75405
Cryan, R.A. *see* Elmirghani, J.M.H. 82570
Cryan, R.A. *see* Elmirghani, J.M.H. 84143
Cryan, R.A. *see* Elmirghani, J.M.H. 86465
Cryan, R.A. *see* Elmirghani, J.M.H. 97226
Cryan, R.A. *see* Elmirghani, J.M.H. 97310
Cryan, R.A. *see* Milner, S.H. 48827
Cryan, R.A. *see* Phillips, A.J. 58419
Crystall, B. *see* Lovering, D.J. 62268
Csabai, I. 1/f noise in computer network traffic 65298
Csaszar, C., Harsanyi, G., Agarwal, R.P. A very low-cost pressure sensor with extremely high sensitivity 66187
Csencsits, R. *see* Rankin, J. 79923
Csencsits, R. *see* Sheldon, B.W. 61362
Csenki, A. On the interval reliability of systems modelled by finite semi-Markov processes 54576
Csenki, A. The number of working periods of a repairable Markov system during a finite time interval 67974
Cserhati, A.F. *see* Lin, F. 93052
Csermely, T. *see* Dudas, I. 75836
Csillag, P. *see* Boroczky, L. 74272
Csillag, P. *see* Kiss, C. 74287
Csirik, J. *see* Bunke, H. 95216
Csoka, M.Nemeth *see* Nemeth Csoka, M.
Csonka, P.L. Suggested intense positron source based on (micropole) undulator induced pair production 59051
Csorvasy, I. *see* Dascalescu, L. 73238
Ctyroky, J., Thylen, L. Analysis of a directional coupler by coupled modes of a single waveguide 94939
Cuadros, C., Borojevic, D., Gataric, S., Vlatkovic, V. Space vector modulated, zero-voltage transition three-phase to DC bidirectional converter 100262
Cubber, A.M.De *see* De Cubber, A.M.
Cubellio, E.R., Natu, G.N., Karekar, R.N., Aiyer, R.C. Effect of the addition of different metal oxides in lead borosilicate glasses on the electrical characteristics of SbSn composition-based thick-film resistors 62026
Cucej, Z., Planinsic, P., Mohorko, J., Filip, P., Donlagic, D. Image compression: overview of transform coding 64815
Cucej, Z. *see* Filip, P. 64817
Cucej, Z. *see* Mohorko, J. 64816
Cucej, Z. *see* Planinsic, P. 64818
Cuchario, J. *see* Hermann, A.M. 56284
Cuchiaro, J.D. *see* Huey-Daw Wu 80910
Cuciurean-Zapan, C., Dougherty, E.R. Optimal openings for overlapping signal and noise grains 85104
Cudd, P.A. *see* Hawley, M.S. 53462
Cuddapah, R., Bertsch, D.L., Dingus, B.L., Fichtel, C.E., Hunter, S.D., Thompson, D.J. Development of a high energy gamma-ray telescope for space flight using drift chambers 76761
Cuddy, D., Ming-Je Chen, Bicknell, T. Alaska SAR processor implementation for JERS-1 67788
Cudlip, W., Mantripp, D.R., Wrench, C.L., Griffiths, H.D., Sheehan, D.V., Lester, M., Leigh, R.P., Robinson, T.R. Corrections for altimeter low-level processing at the Earth Observation Data Centre 77272
Cudlip, W., Milnes, M. Overview of altimeter data processing at the U.K. Earth Observation Data Centre 77271
Cudlip, W. *see* Scott, R.F. 88739
Cudney, H.H. *see* McCray, T.W. 93785
Cudney, H.H. *see* Niezrecki, C. 82192
Cudzinovic, M. *see* Khattak, C.P. 92926
Cuervo, F. *see* Helmy, D.-E. 74867
Cuesta, J.A. *see* Bonilla, L.L. 93000
Cueto, J.del *see* del Cueto, J.
Cuevas, A., Merchan, R., Ramos, J.C., King, R.R. Updated contour plots for the design of p^+ emitters of silicon solar cells 100476
Cuevas, C. *see* Arbique, G. 76524
Cuevas, E. *see* Sherif, M.H. 52059
Cuevas, E. *see* Sherif, M.H. 96577
Cuevas, F.J. *see* Servin, M. 58825
Cuhaci, M. *see* Mongia, R.K. 51248
Cuhaci, M. *see* Mongia, R.K. 83837
Cuhaci, M. *see* Mongia, R.K. 83838
Cuhaci, M. *see* Petosa, A. 64230
Cuhadar, A. *see* Downton, A.C. 64756
Cui, E.F. *see* Cho, P.S. 82810
Cui, H.C. *see* Bai, J.Z. 53324
Cui, H.C. *see* Zhang, B.M. 59823
Cui, J., Zhang, S., Tanaka, A., Aoyagi, Y. Millisecond time-resolved reflectance difference measurements of GaAs grown by short-pulse supersonic nozzle beam epitaxy 61296
Cui, T.J., Liang, C.H. Partial inverse scattering method for three-dimensional heterogeneous biological bodies by using a matrix perturbation theory 57085
Cui, T.J., Liang, C.H. Perturbation technique for matrix equations and its application in the computation of internal fields in a three-dimensional arbitrarily shaped biological body 59405
Cui, T.J., Liang, C.H. Nonlinear differential equation for the reflection coefficient of an inhomogeneous lossy medium and its inverse scattering solutions 73279
Cui, T.J., Liang, C.H. Nonlinear differential equation for the reflection coefficient of a pure conducting medium and its novel inverse scattering solution 88732

Cui, U. *see* Weng, J. 84710
Cui, X.Z. *see* Bai, J.Z. 53324
Cui, Y. *see* Lu, W.-S. 80446
Cui, Y. *see* Terry, J.A.C. 56891
Cui, Z., Martin, B., Prewett, P.D., Johnson, S., Herman, P. Comparison of phase shift mask types for submicron contact hole definition 71478
Cui Baoqun *see* Baoqun Cui
Cui Bo *see* Bo Cui
Cui E *see* Li Sufen 78312
Cui Jingyan *see* Jingyan Cui
Cui Li *see* Sun Anna 98149
Cui Tiejun, Liang Changhong Application of the lattice theory in the TE and TM wave scattering from a conducting cylinder covered by lossy dielectrics 64121
Cui Tiejun, Liang Changhong Application of the electromagnetic lattice theory in the TE wave scattering from a conducting strip covered by lossy dielectrics 64122
Cui Xiang, Lui Jianxin, Xie Yucheng, He Ronggui, Zhang Guoqiang, Yang Chunping Design of insulated structure for load-ratio voltage power transformer by finite element method 90063
Cui Xiaotian *see* Xiaotian Cui
Cui Ying *see* Kirlin, R.L. 74091
Cui Yiping, Yang Zhengming, Wei Yu Progress of the study on photorefractivity in polymers 82520
Cui Yiping *see* Luo Zongnan 98253
Cui Yongxin *see* Wang Yanchun 60083
Cui-Qing Yang *see* Yaoshuang Qu 58144
Cuidee, Ph. *see* Collet, P. 62097
Cuk, M. *see* Tan, F.D. 56229
Cuk, S., Zhe Zhang Open-loop regulation of switching converters 90167
Cuk, S., Zhe Zhang Capacitive idling Cuk converter with a novel control scheme 100341
Cuk, S. *see* Brkovic, M. 80135
Cuk, S. *see* Deng, E. 69199
Cuk, S. *see* Deng, E. 100932
Cuk, S. *see* Santi, E. 56230
Cuk, S. *see* Smedley, K. 100211
Cuk, S. *see* Zhang, Z. 54086
Cuk, S.M. *see* Vollin, J. 60333
Cuk Slobodan *see* Slobodan Cuk
Cukierman, F. *see* Taubin, G. 51590
Culeac, I.P. *see* Andriesh, A.M. 58816
Culham, J.R., Yovanovich, M.M., Lee, S. Thermal modeling of isothermal cuboids and rectangular heat sinks cooled by natural convection 92704
Culik, K., II, Kari, J. Image-data compression using edge-optimizing algorithm for WFA inference 95858
Cullen, A.L. *see* Khosrowbeygi, A. 87488
Cullen, D.E. *see* Carroll, R.D. 56188
Cullen, J.R., Jr. *see* Lin, X.J. 98479
Cullen, P.J., Fannin, P.C., Garvey, A. Real-time simulation of randomly time-variant linear systems: the mobile radio channel 86125
Cullen, R., Jr. *see* Jia, L.X. 94006
Cullens, V. Does GSM have potential for PCS? 86114
Cullis, A.G. *see* Mullins, J.T. 71302
Cullis, A.G. *see* Ward, M.C.L. 81913
Cullis, A.G. *see* Williams, G.M. 81319
Culshaw, B. *see* Lecot, C. 52937
Culshaw, B. *see* Liang, D. 52936
Culshaw, B. *see* Stewart, G. 52877
Culver, R.D. The EIA digital audio sub-committee VHF channel characterization test 58549
Culwick, B. *see* Reece, R.K. 68746
Cumani, A. *see* Pettiti, G. 75866
Cuminato, J.A. *see* Dantas, J.F. 82115
Cumming, I. *see* Wong, F. 77621
Cumming, I.G. *see* Davidson, G.W. 77620
Cumming, I.G. *see* Raney, R.K. 77323
Cumming, I.G. *see* Stevens, D.R. 77245
Cumming, M.M. *see* Songpongs, P. 81294
Cummings, J. Managing the move to imaging 65169
Cummings, K. *see* Yanof, A. 81586
Cummings, K.E., Clements, M.A. Application of the analysis of glottal excitation of stressed speech to speaking style modification 73882
Cummings, T. Designing a low cost GPS LNA using the NE68519 65712
Cummings, W.J., Brash, E.J., Hausser, O., Bahrami, M., Graham, J., Hauser, P., Delheij, P.P.J., Henderson, R.S., Vetterli, M.C., Whittal, D.M., Larson, B. Adiabatic spin rotator for a laser pumped polarized ^{3}He target 64116
Cummings, W.R. *see* Sanders, J.E. 76879
Cumpson, P.J., Seah, M.P. Stability of reference masses I: evidence for possible variations in the mass of reference kilograms arising from mercury contamination 66698
Cun, Y.Le *see* Le Cun, Y.
Cundy, D. *see* Fanti, V. 76788
Cuneo, C.J., Maki, J.J., McIntyre, D.H. Optically stabilized diode laser using high-contrast saturated absorption 56749
Cuneo, M.E. *see* Smith, J.R. 67024
Cunha, A.Da *see* Da Cunha, A.
Cunha, J.M.da *see* da Cunha, J.M.
Cunha, M.Pereira Da *see* Pereira Da Cunha, M.
Cunillera, J. *see* Marques, F. 84944
Cunin, B., Eckert, C., Haessler, A., Heisel, F., Miehe, J.A., Planat, M. Oscillator phase noise measurements by picosecond synchroscan streak camera 50157
Cuningham, G.S., Williams, W.J. High-resolution signal synthesis for time-frequency distributions 84500
Cuniolo, S., Maini, M., Savini, M., Scianna, A. Machine vision applications in power plant inspection 78295
Cuniolo, S. *see* Maini, M. 90877
Cuniot, M. *see* Tonneau, D. 49813
Cunitz, H. *see* Benary, O. 98517
Cunkai Wu *see* Antao Chen 56506
Cunming Li *see* Li Cunming
Cunningham, D.W. *see* Turner, A.K. 100462
Cunningham, G.S., Williams, W.J. Kernel decomposition of time-frequency distributions 64490
Cunningham, G.S., Williams, W.J. Fast implementations of generalized discrete time-frequency distributions 64497
Cunningham, H.C., Yinxiu Cai Specification and refinement of a message router 65095
Cunningham, I. *see* Bourne, J. 65501
Cunningham, J., Hyatt, C.V., KarrisAllen, K.J. Device for assessing the fracture toughness of giant magnetostrictive materials 61444
Cunningham, J.E., Goossen, K.W., Walker, J.A., Jan, W., Santos, M., Miller, D.A.B. Growth of GaAs light modulators on Si by gas source molecular-beam epitaxy for 850 nm optical interconnects 56425
Cunningham, J.E., Santos, M.B., Goossen, K.W., Williams, M.D., Jan, W. Dimerization induced incorporation nonlinearities in GaAsP 48950
Cunningham, J.E. *see* Goossen, K.W. 82714
Cunningham, J.E. *see* Ispasoiu, R.G. 62272
Cunningham, J.E. *see* von Plessen, G. 62267
Cunningham, J.F. *see* Roper, S.P. 57143
Cunningham, J.P. *see* Aykin, N.A. 85545
Cunningham, M.J. F.C. Williams 48731
Cunningham, M.J. The importance of traceability for the end user 66103
Cunningham, M.J. *see* Wright, C.D. 75874
Cunningham, S.J. *see* Humphrey, M.C. 51565
Cunningham, T.J., Fossum, E.R. GaAs JFETs intended for deep cryogenic VLWIR readout electronics 62883
Cunningham, T.J., Gee, R., Fossum, E.R., Baier, S.M. Noise and electrical characteristics below 10 K of small CHFET circuits and discrete devices 63022
Cunningham, T.J., Gee, R.C., Fossum, E.R., Baier, S.M. Deep cryogenic noise and electrical characterization of the complementary heterojunction field-effect transistor (CHFET) 62874
Cuntai Guan, Ce Zhu, Yongbin Chen, Zhenya He Performance comparison of several speech recognition methods 95357
Cuntai Guan, Yongbin Chen, Boxin Wu A study on acoustic models of Chinese speech recognition system with whole Chinese syllables 95321
Cuomo, D., Ferri, G. Evaluation of fibre longitudinal uniformity: Methods and algorithms 82608
Cuomo, D., Ferri, G., Galasso, G. A "dispersion compensating" fibre for the improvement of standard optical networks 52512
Cuomo, D., Ferri, G., Provenza, G., Uboldi, E. Temperature dependence of splice losses of step index single mode optical fibres 50467
Cuomo, F. *see* Baiocchi, A. 64954
Cuomo, K.M., Oppenheim, A.V. Chaotic signals and systems for communications 85207
Cuomo, S. *see* Pellegrini, P.F. 57803
Cuperman, V., Rong Peng Lattice low-delay vector excitation coding of speech at 8-16 kb/s 64386
Cuperman, V. *see* Liu, F. 75193
Cuperman, V. *see* Lupini, P. 73866
Cupero, F. *see* Monarchie, D. 76127
Cuppini, M. A genetic algorithm for channel assignment problems 58324
Curbow, J. *see* Kwiatkowski, S. 67111
Curchod, D. *see* Kaminar, N. 100722
Curcio, J. *see* Spratt, M. 85701
Curiger, A. *see* Zimmermann, R. 49487
Curinga, S. *see* Bellotto, W. 57784
Curinga, S. *see* Lavagetto, F. 96539
Curland, N., Machelski, R.J. Integrating an MR head into a peak detection channel 72132
Curley, A.J. *see* Chedid, R. 60224
Curley, P.F. *see* Harvey, J.D. 63755
Curley, P.F. *see* Spielmann, C. 63732
Curow, M. Proposed GaAs IMPATT device structure for D-band applications 80678
Curran, A., Kyriakopoulos, K.J. Sensor-based self-localization for wheeled mobile robots 51536
Curran, B.H. *see* Engler, M.J. 77042
Curran, M.A. *see* Vigon, B.W. 54440
Curran, R.L. *see* Ghandakly, A.A. 59951
Curran, R.L. *see* Ghandakly, A.A. 59952
Curran, T. *see* Botvich, D.D. 64913
Curran, T. *see* Newcombe, A. 96863
Curren, A.N., Long, K.J., Jensen, K.A., Roman, R.F. An effective secondary electron emission suppression treatment for copper MDC electrodes 92869
Curren, A.N. *see* Krainsky, I.L. 62065
Current, K.W. Multiple valued logic: current-mode CMOS circuits 49264
Current, M.I. *see* England, J. 71291
Current, W. *see* Wei-Shang Chu 55224
Currey, J. *see* Termuehlen, H. 68466
Currie, A.J. *see* Baker, K.R. 91765
Currie, J.F. *see* Sundararaman, C.S. 49828
Currie, M. *see* Alexandrou, S. 70821
Currie, M. *see* Chia-Chi Wang 94178
Currier, P. *see* Reynaud, M. 86590
Curry, B.P. *see* Fink, C. L. 67269
Curry, D. *see* Sindhu, P. 74705
Curry, E.E. FALCCM-H: Functional Avionics Life Cycle Cost Model for Hardware 59501
Curry, G.I. *see* Deuermeyer, B.L. 69554
Curry, G.R., Ballantine, J.H., Turner, B.S., Weals, B.T. RADICAL: a simulation for multi-function phased-array radar analysis 65917
Cursolle, J.P. *see* Leger, A. 99089
Curtin, M. The black art of fine-pitch printing 92786
Curtin, M., Hall, J., Metty, P., Gower, E., Manca, J., Whitham, K. Acceptance test performance of the Rocketdyne radio frequency power system 68742
Curtin, M. *see* Jachim, S.P. 67230
Curtis, B.A., Madisetti, V.K. Rapid prototyping on the Georgia Tech digital signal multiprocessor 49453
Curtis, C.L., Gawne, D.T., Priestnall, M. The processing and electrical properties of plasma-sprayed yttria−zirconia 61420
Curtis, H.B. *see* Weinberg, I. 100754
Curtis, J.S. *see* Gardiner, P.N. 95817
Curtis, K., Psaltis, D. Multi-channel disk-based optical correlator 51571
Curtis, K., Psaltis, D. Characterization of the DuPont photopolymer for three-dimensional holographic storage 83359
Curtis, K., Pu, A., Psaltis, D. Method for holographic storage using peristrophic multiplexing 64039
Curtis, K. *see* Baggs, R. 76791
Curtis, K.M. *see* Bonnyman, J. 95307
Curtis, K.M. *see* Burniston, J. 95306
Curtis, K.M. *see* Craven, M.P. 61843
Curtis, K.M. *see* Gubbins, P.R. 95291
Curtis, K.M. *see* Ramalho, M.A.S.N. 74539
Curtis, L. *see* Chung-En Zah 72838
Curtis, L. *see* Zah, C.E. 97283
Curtis, M. *see* Andrews, J. 95340
Curtis, T., Onkik, H. Economic and political factors in telecommunication standards setting in the US and Japan: The case of BISDN 96783
Curtis, T.E., Webb, A.B. Distributed signal acquisition systems for sonar applications 52655
Curzan, J., Adams, A., Huynh, B., Massie, M. IR retinal vision processor hybrid IC 98106
Curzan, J.P. *see* Massie, M.A. 98117
Curzon, P. Experiences formally verifying a network component 75139
Cusack, E., Wezeman, C. Deriving tests for objects specified in Z 52105
Cusani, R., Corti, S. HDTV coding based on edge detection and two-channel decomposition 58585
Cushing, F.S. New developments in F-O sensor probe design 98078
Cushing, K.M. *see* Harrisson, W.A. 89597
Cushing, M. *see* Pecht, M. 90964
Cushing, M., Jr. Cables 92655
Cushing, M.J. Another perspective on the temperature dependence of microelectronic-device reliability 56053
Cushman, D. *see* Stokes, R.B. 92485
Cushman, P., Rusack, R. A PMT using avalanche photodiodes 56538
Cusick, T.W., Rockett, A.M., Szusz, P. On inhomogeneous Diophantine approximation 79572
Cussans, D. *see* Galagedera, S.B. 88240
Cussans, D. *see* Galagedera, S.B. 98670
Cussans, D. *see* Morgado, C.J.S. 88239
Cussans, D. *see* Morgado, C.J.S. 98581
Cussenot, J.R. *see* Ouennoughi, Z. 55876
Cusson, E. *see* Beale, S. 78551
Cusworth, S.D. *see* Al-Raweshidy, H.S. 86377
Cutchin, J.H. *see* August, R.A. 59114
Cuthbert, L., Sara, L., Pitts, J., Inch, R., Bocker, G.-J., Gobbi, R., Garcia-Higuera, J.A. Guidelines for the application and introduction of broadband access networks 86381
Cuthbert, L. *see* Fonseca, P. 64909
Cuthbert, L. *see* Schormans, J. 64906
Cuthbert, L. *see* Schormans, J. 74671
Cuthbert, L.G., Pitts, J.M. Gateway to broadband: ATM, interworking and evolution 58161
Cuthbert, L.G. *see* Schormans, J.A. 96155
Cuthbert, L.G. *see* Winstanley, S.B. 65030
Cuthbert, T.R., Jr. Broadband impedance matching methods 80023
Cutkoskv, M.R. *see* Yamada, Y. 97987
Cutkosky, M.R. *see* Hisup Park 54452
Cutler, P.D., Hoffman, E.J. Use of digital front-end electronics for optimization of a modular PET detector 76898
Cutler, P.H. *see* Chung, M.S. 62053
Cutler, P.H. *see* Huang, Z.-H. 62079
Cutler, P.H. *see* Miskovsky, S.N. 67260
Cutler, R. *see* Senichev, Yu. 87871
Cutler, R.I., Arbique, G., Grippe, J., Marsden, S., Marrufo, O., Rodriguez, R. RF commissioning of the Superconducting Super Collider radio frequency quadrupole accelerator 67077
Cutler, R.I. *see* Mynk, J. 67179

Cutolo, A., Zeni, L. Electrically driven super-Gaussian mirrors 72980
Cutolo, A. *see* Breglio, G. 58940
Cutolo, A. *see* Breglio, G. 87409
Cutrer, D., Pepeljugoski, P., Lau, K. Noise properties of electrically gainswitched 1.5 μm DFB lasers after spectral filtering 83055
Cutri, F.A., Parkin, R. Measurement and mathematical simulation of planed and spindle moulded product surfaces 58632
Cutright, E.D., Johnson, B.W. A simulation-based approach to integrated performance and reliability modeling using VHDL 55178
Cuvelier, L. *see* Delogne, P. 84762
Cuvelier, L. *see* Vandendorpe, L. 74314
Cuylenburg, A.Van *see* Van Cuylenburg, A.
Cuzin, M., Glasser, F., Lajzerowicz, J., Mathy, F., Verger, L. Applications of CdTe detectors in X-ray imaging and metrology 59241
Cvetic, J.M., Stanic, B.V. Electromagnetic field above Earth surface due to lightning stroke 94740
Cvetkovic, S.R., An Ping Zhao, Punjani, M. An implementation of the vectorial finite element analysis of anisotropic waveguides through a general-purpose PDE software 70822
Cvetkovic, S.R., Seebold, R.J.A., Bateson, K.N., Okretic, V.K. CAL programs developed in advanced programming environments for teaching electrical engineering 60789
Cvetkovic, S.R. *see* An Ping Zhao 82643
Cvetkovic, S.R. *see* Jung, R.R. 87124
Cvetkovic, Z. Contribution to overvoltage protection of the medium voltage distribution substations 89366
Cvetovic, S.R., Fernandez, F.A., An Ping Zhao, Ettinger, R.D., Sewell, G., Davies, J.B. Comparison of two interactive finite-element programs for analysis of optical and microwave waveguides 72387
Cwidak, K., Lipski, T. Post-arc resistance in HBC fuses 90260
Cwidak, K. *see* Ossowicki, J. 89801
Cwik, T., Van de Geijn, R., Patterson, J. Application of massively parallel computation to integral equation models of electromagnetic scattering 51062
Cygan, P.J. *see* Yen, S.P.S. 82127
Cyganski, D., Nicoletti, D., Orr, J.A. A new introductory electrical engineering curriculum for the first-year student 60782
Cygler, J. *see* Soubra, M. 53484
Cypher, D. *see* Xiaomei Qian 58143
Cypher, R., Gravano, L. Requirements for deadlock-free, adaptive packet routing 96146
Cypher, S.R. *see* Zmuidzinas, J. 55427
Cyr, J.-M., Al-Haddad, K., Dessaint, L.A., Saad, M. Stress analysis and dimensioning of three resonant convertor topologies 90198
Cyr, J.-M., Al-Haddad, K., Dessaint, L.A., Saad, M. Comparative study of three resonant converter topologies 90199
Cyr, N. *see* Breton, M. 86880
Cyr, N. *see* Guy, M. 50942
Cyr, R.J. *see* Baines, R. 86162
Cyrille, M.C. *see* Chicault, R. 63324
Cyrus Chang Yu Lo *see* Yu Lo Cyrus Chang
Cytermann, C., Brener, R., Kalish, R. Search for diffusion of Li implants in natural and polycrystalline CVD diamond 71295
Cyvoct, A. *see* Bezaguet, A. 82474
Czajkowski, G. *see* Zielinski, K. 65402
Czajkowski, I.K., Gibbon, M.A., Thompson, G.H.B., Greene, P.D., Smith, A.D., Silver, M. Strain-compensated MQW electroabsorption modulator for increased optical power handling 56437
Czajkowski, I.K. *see* Thrush, E.J. 54901
Czanderna, A.W. Current status of EVA degradation in Si modules and interface stability in CdTe/CdS modules 90417
Czapek, G. *see* Abplanalp, M. 53309
Czapski, P., Seliga, T.A. A PC-based simulation code for radar polarimetric field applications in meteorology 77402
Czarczynska, H. *see* Nitsch, K. 70175
Czarkowski, D., Kazimierczuk, M.K. Phase-controlled CLL resonant converter 54108
Czarkowski, D. *see* Kazimierczuk, M.K. 55115
Czarkowski, D. *see* Kazimierczuk, M.K. 100260
Czarnecki, L.S., Hsu, S.M. Thyristor controlled susceptances for balancing compensators operated under nonsinusoidal conditions 68114
Czarnecki, L.S., Tan, O.T. Evaluation and reduction of harmonic distortion caused by solid state voltage controllers of induction motors 90557
Czarnek, R. High-sensitivity measurements of deformation in a fatigue-loaded weld specimen using a portable moire interferometer 70188
Czarnocki, P. *see* Kujawinska, M. 70198
Czarnojan, W. *see* Bredol, M. 63564
Czarnul, Z., Takagi, S., Fujii, N. Common-mode feedback circuit with differential-difference amplifier 49187
Czarnul, Z. *see* Takagi, S. 49524
Czarske, J., Muller, H. Heterodyne interferometer using a novel two-frequency Nd:YAG laser 66686
Czarske, J., Muller, H. Heterodyne detection technique using stimulated Brillouin scattering and a multimode laser 97991
Czarske, J., Muller, H., Hock, F. Application of diffraction gratings in the laser Doppler anemometry 76260
Czech, E. *see* Konuma, M. 91469
Czechowsky, P. *see* Steinhagen, H. 99188
Czechowsky, P. *see* Yoe, J.G. 99187
Czekaj, D. *see* Surowiak, Z. 71003
Czermak, A. *see* Ronnqvist, C. 88024
Czerwinski, R.N., Jones, D.L. An adaptive time-frequency representation using a cone-shaped kernel 84501
Czerwinski, R.N., Jones, D.L., O'Brien, W.D., Jr. An approach to boundary detection in ultrasound imaging 98776
Czigler, M. *see* Uz, K.M. 85030
Czilli, J.C., Zhou, P., Jullien, G.A., Miller, W.C. BiCMOS current steering pipeline circuit technique 61633
Czirr, J.B., Jensen, G.L. A compact neutron coincidence spectrometer, its measured response functions and potential applications 98707
Czirr, J.B. *see* Hollerman, W.A. 98702
Czolk, R. *see* Heinzmann, G. 58666
Czolk, R. *see* Morales-Bahnik, A. 66544
Czornyj, G. *see* Ray, S. 91033
Czurda, C. *see* Dou, S.X. 63301
Czyzewski, T. *see* Sadowski, M. 59175

Da Cao *see* Tian-You Yuan 97921
Da Chen *see* Chen Da
da Costa, A.V., Treviso, C.H.G., de Freitas, L.C. A new ZCS-ZVS-PWM boost converter with unity power factor operation 68803
da Costa, I.F. *see* Cescato, L. 64014
Da Costa, L.P.N. *see* Bergmann, J.R. 86275
Da Costa, R. *see* Aggarwal, S.J. 67485
da Costa, V.F. *see* Deckmann, S.M. 77846
Da Costa, V.M., Martin, R.A. Amorphous silicon shift register for addressing output drivers 55209
Da Costa, V.M. *see* Lee, D.D. 98230
da Cruz, D.F. *see* de Freitas, L.C. 60338
da Cunha, A., Gupta, R., Straw, A., Balkan, N., Ridley, B.K. Longitudinal transport in $Ga_{1-x}Al_xAs$ p-n junctions incorporating GaAs quantum wells: Hot-electron light emitters 62278
Da Cunha, A. *see* Dottling, R. 62276
Da Cunha, A. *see* Straw, A. 62277
da Cunha, J.M. A compact and flexible signal conditioning system for data acquisition 97861
Da Cunha, M.Pereira *see* Pereira Da Cunha, M.
da Fontoura Costa, L., Roda, V.O., Koberle, R. A biologically-inspired system for visual pattern recognition 95755
Da Liu *see* Mingcui Cao 56472
da Rocha, C.S. The scattering of surface waves at dielectric slab with axial geometric discontinuity by the moment method 83791
da Rocha, C.S. *see* Gomes Neto, A. 83781
Da Rocha, J.R.F. *see* Monteiro, P. 58398
da Rocha, J.R.Ferreira *see* Ferreira da Rocha, J.R.
Da Ros, R. *see* Bacchetta, N. 88106
Da Ros, R. *see* Bacchetta, N. 93447
da Silva, A.M.Leite *see* Leite da Silva, A.M.
da Silva, A.P.Alves *see* Alves da Silva, A.P.
Da Silva, A.X. *see* Pinheiro Filho, J.D. 98654
da Silva, C.E.T.Goncalves *see* Goncalves da Silva, C.E.T.
da Silva, C.M., da Silva Lacava, J.C., Richards, F.P. Input impedance of conformal cylindrical microstrip antennas covered by a protection layer 83855
da Silva, E.A.B. *see* Sampson, D.G. 84840
da Silva, E.F., Jr., Aguiar, J.A.A., Gomes, M.A.F. Fractal origin of the thermal oxidation of silicon 49882
da Silva, F.S.C. *see* Barrera, J. 85119
Da Silva, G. *see* Jahnel, L. 66956
da Silva, J.A.P. *see* von der Weid, J.P. 97279
da Silva, J.A.P. *see* von der Weid, J.P. 100977
Da Silva, L. *see* Carvalho, P. 96861
Da Silva, L. *see* Donnelly, T.D. 72705
Da Silva, L.B., London, R.A., MacGowan, B.J., Mrowka, S., Matthews, D.L., Craxton, R.S. Generation of a 45-ps-duration 15.5-nm X-ray laser 94323
Da Silva, L.B. *see* Jacquemot, S. 50742
Da Silva, L.B. *see* Nilsen, J. 82919
da Silva, L.C. *see* Filho, O.M.C.P. 73464
da Silva, L.E.Borges *see* Borges da Silva, L.E.
da Silva, N.Canzian *see* Canzian da Silva, N.
da Silva, P.P. *see* Rezek, A.J.J. 100121
da Silva, V.F. *see* Rezek, A.J.J. 100121
da Silva Lacava, J.C. *see* da Silva, C.M. 83855
da Silva Mello, L.A.R. *see* Pontes, M.S. 83694
da Silveira, A.C.F. *see* Morosini, M.B.Z. 50800
Da Via, C., Stefanini, G., Dowell, J., Kenyon, I., Haben, M., Webster, K., Glick, M., Reinhart, F.K., Hall, G., Akesson, T., Jarlskog, G., Kroll, S., Baird, A., Sharp, P., Davies, J., Green, N., Moseley, A., Stewart, W., Young, T. Lightwave analogue links for LHC detector front-ends 53348
da Vitoria Lobo, N. *see* Young Ho Kwon 84684
Da Yu Wang Electric and dielectric properties of barium titanate Schottky barrier diodes 81804
Da-Gang Fang *see* Jun Zhou 77663
Da-Guang Ni, Rojat, G., Clerc, G. Modelling of gate turn-off thyristor and its application simulation of the GTO-MOS cascode circuit 90169
Da-Jin Lu *see* Lu Da-Jin
Da-Jin Wu *see* Ling Lin 63681
Da-Ming Ma *see* Ma Da-Ming
Da-Peng Xu *see* Xiao Tong 81230
Da-te, T. *see* Nonaka, H. 99374
Da-Te, T. *see* Shoiya, H. 64251
Da-Wei Mo *see* Xing-Zhong Li 88162
Da-Zhong Fang *see* Fang Da-Zhong
Daalen, M.van *see* van Daalen, M.
Daalmans, G.M. *see* Schambach, J. 56257
Daasch, W.R. *see* Driscoll, M.A. 70248
Daba, J.S., Bell, M.R. Object discrimination and orientation determination in speckled images 57645
Dababneh, M.I.S., Macario, R.C.V., Davies, T. Spectrum efficiency and microcellular 52395
Dabak, A.G., Johnson, D.H. Signal constellations for non-Gaussian communication problems 84221
Dabas, A., Flamant, P.H., Salamitou, P. Characterization of pulsed coherent Doppler LIDAR with the speckle effect 97434
Dabbous, H. *see* Bock, B. 53325
Dabels, J.R. Developing the greatest uncertainty—the EV market 78932
Dabirikhah, H., Turner, C.W. Leaky plate wave airborne ultrasonic transducer 88882
Dableh, J.H. *see* Findlay, R.D. 99711
Dabosi, F. *see* Simon, P. 68951
Dabrowski, A., Kabacinski, W. Experiences with DTMF receivers and tone senders in Poland using DSP's 75122
Dabrowski, J. *see* Murray, J. 68846
Dabrowski, J. *see* Olsen, R. 60311
Dabrowski, J. *see* Olsen, R. 76331
Dabrowski, R. *see* Wolinski, T.R. 76255
Dabrowski, R. *see* Wolinski, T.R. 87596
Dabrowski, W., Grybos, P., Krammer, M., Pernegger, H., Rakoczy, D. Charge division in silicon strip detectors with a large strip pitch 98521
Dabrowski, W. *see* Cartiglia, N. 71769
Dac Tan Ngo *see* Ngo Dac Tan
D'Accolti, G. *see* Brambilla, L. 99105
Dachs, C. *see* Roubaud, F. 71644
Dachuarn Xiao *see* Xiao Dachuarn
Dachun Zhao, Xiaoren Pan Investigation of optical and electrical properties of ZnO ultrafine particle films prepared by direct current gas discharge activated reactive method 91607
Daclon, F. *see* Bernardini, M. 87647
Daclon, F. *see* Fabris, R. 67199
Dadashi, H. *see* Yazbek, K. 71719
Dadda, L. *see* Alippi, C. 53346
Dadda, L. *see* Alippi, C. 67381
Dadda, L. *see* Dell'Acqua, A. 87955
Dadda, L. *see* Dell'Acqua, A. 98680
Dade Zhao *see* Zhao Dade
Dadic, V. Measuring errors of current direction in the RCM4 current meters and their reduction 99294
Dadykin, V.L. *see* Aglietta, M. 67318
Dae Gyu Moon *see* Jin Won Park 62407
Dae Hee Youn *see* Hee Chang Kim 84193
Dae Hee Youn *see* Nam Sun Kim 74038
Dae Hee Youn *see* Yong Hoon Lim 73794
Dae Hwan Kim *see* Byong Su Seol 92182
Dae jeong Kim, Sung joon Kim, Jae jin Park, Deog-Kyoon Jeong, Wonchan Kim A 12-bit 2nd-order noise-shaping D/A converter 70698
Dae Keuk Kim, Sang Hee Lee, Baek-Sop Kim A method for determining the initial reference vectors for learning vector quantization 2 based on the modified condensed nearest neighbor 95157
Dae Kim Seong *see* Seong Dae Kim
Dae Kon Oh *see* Hyo-Hoon Park 71145
Dae Sik Kim, Byung-Tai Kim A study on the characteristics of a table top Nd:glass laser system using the chirped pulse amplification 72739
Dae Suh Jeong *see* Jeong Dae Suh
Dae Yong Kim *see* Chang Joo Youn 81865
Dae Yoon Park *see* Hong Chu 82910
Dae Young Kim *see* Byung Chun Jeon 85849
Dae Young Kim *see* Chang Goo Kang 73675
Dae-Shik Seo *see* Nishikawa, M. 63498
Dae-Sik Lee *see* Jung-Hoon Lee 90048
Dae-won Kim *see* Myeong-soo Oh 74543
Dae-Woo Choi *see* Chul-Kyu Kim 85906
Dae-Young Lee *see* Kyoung-Whoan Suh 75240
Dae-Youp Lee *see* Seong-Ju Kim 55839
Daechul Park, Moon Ho Lee Image compression based on best wavelet packet bases 95660
Daechul Park *see* Jinho Choi 83892
Daehler, M. *see* Clegg, A.W. 83715
Daeipour, E., Bar-Shalom, Y. An interacting multiple model approach for target tracking with glint noise 75530
Daeipour, E. *see* Blair, W.D. 75531
Daeje Chin *see* Yunho Choi 49427

Daeje Chin *see* Yunho Choi 70553
Dael, A., Baze, J.M., Cacaut, D., Gallet, B., Jacquemin, J.P., Lesmond, C., Pabot, Y., Vernin, P. Design and manufacture of the Q1 quadrupoles for the CEBAF high resolution spectrometer 88260
Dael, A. *see* de Botton, N. 87946
Daele, M.Van *see* Van Daele, M.
Daele, P.van *see* van Daele, P.
Daembkes, H. *see* Dickmann, J. 56010
Daembkes, H. *see* Dickmann, J. 61936
Daemen, E.J.M. *see* Peek, H.L. 97643
Daemen, J., Govaerts, R., Vandewalle, J. Weak keys for IDEA 73759
Daemen, N., Peek, H.L. Microlenses for image sensors 87290
Daemen, N. *see* Van De Steeg, M. 87284
Daemen, N.J. *see* Bosiers, J.T. 66077
Daemi, M.F. *see* Bouridane, A. 95920
Daemi, M.F. *see* Sahota, P. 96110
Daeshik Lee, Lee, K.Y., Jordan, H.F. A self-routing Lambda based TDM optical switching architecture 96939
Daesung Chi *see* Byung Il Choi 76275
Daesung Chi *see* Sok Won Kim 76242
Daey Ouwens, J. *see* Schropp, R.E.I. 100599
Daeyoung Ma *see* Sanghyun Kim 82114
Daffix, H. *see* Diallo, D. 90515
Daga, A.J., Birmingham, W.P. The minimization and decomposition of interface state machines 92135
Dagdeviren, N., Newell, J.A., Spindel, L.A., Stefanick, M.I. Global networking with ISDN 65414
Dagen, A.J., Akinsola, S., Banerjee, C., Iskandar, A., Hirsch, E., Kolodzinski, A., Nease, G., Vancraeynest, J. Wireless loop telephone termination 52260
Dagenais, M. *see* Shijun Jiang 83104
Dagenais, M. *see* Williams, K.J. 58774
Dagiuklas, A.F., Ghanbari, M. Effect of video synchronisation in an ATM multiplexer 58265
Dagiuklas, A.F., Ghanbari, M. Macromodelling analysis of VBR video in an ATM environment 64911
Dagless, E. *see* Lu, A. 92019
Dagless, E.I. *see* Zemcik, P. 65228
Dagless, E.L. *see* Bilinski, K. 91729
Dagless, E.L. *see* Bulas-Cruz, J. 95687
Dagli, N. *see* Lee, S.-L. 63483
Dagli, N. *see* Spickermann, R. 92564
Dagli, N. *see* Youngchul Chung 51113
Dagnino, A. Integrated architecture for assembly planning in an electronics manufacturing environment 90932
Dagoret, S. *see* Barrelet, E. 67352
D'Agostino, J., Friedman, M., LaFollette, R., Crenshaw, M. An experimental study of the effects of sampling on FLIR performance 66499
D'Agostino, J. *see* O'Kane, B.L. 66488
D'Agostino, J. *see* Scott, L. 66487
D'Agostino, J.A. The modeling of spatial and directional noise in FLIR90. I. A 3-D noise analysis methodology 66496
D'Agostino, S., Betti-Berutto, A. Physics-based expressions for the nonlinear capacitances of the MESFET equivalent circuit 50046
D'Agostino, S., Paoloni, C. Power distributed amplifier with input-output combiners 49648
D'Agostino, S., Paoloni, C. Design of high performance power distributed amplifier using Lange couplers 80773
Dagoury, G. *see* Clemendot, S. 66578
Dagpunar, J.S., Jack, N. Preventative maintenance strategy for equipment under warranty 48726
D'Agrosa, M. *see* Bregni, S. 97836
Daguang Wang *see* Wang Daguang
Dagues, B., Chouzal, F., Roboam, X. POSTMAC: a powerful system for digital simulation of converter-induction machine assemblies 89947
Dagys, M., Kancleris, Z., Simniskis, R., Bakstrom, M., Thibblin, U., Wahlgren, B. A resistive sensor for the high microwave pulsed power density measurement in a free space 87460
Dah-Chih Kuo *see* Jyh-Kuang Lin 63013
Dah-Jyuu Wang, Leigh, J.S. Wireless precision piezoelectric thermometer using an RF excitation-detection technique with an NMR probe 97888
Dah-Lain Tang *see* Xiaobo Hu 78991
Dah-Syang Lin, Wood, E.F., Beven, K. Behavior of AIRSAR signals during MAC-EUROPE'91 67860
Dahai You *see* You Dahai
Dahanayake, B.W., Upton, A.R.M. A novel approach for epileptic seizure detection 77014
Dahbura, A.T. *see* Narasimham, J. 80220
Dahe Liu, Jing Zhou Nonlinear analysis for a reflection hologram 50967
Dahe Liu *see* Shoude Chang 57667
Dahele, J.S. *see* Hall, P.S. 95016
Dahele, J.S. *see* Haskins, P.M. 64231
Daher, J.K., Harris, J.M., Wheeler, M.L. An evaluation of the radio frequency susceptibility of commercial GPS receivers 83721
Daher, J.K., Harris, J.M., Wheeler, M.L. A look at the radio frequency susceptibility of commercial GPS receivers 83722
Daher, S. *see* Freire, R.C.S. 75932
Dahl, G. The design of survivable directed networks 74754
Dahl, G. *see* Stoer, M. 74751
Dahl, I. *see* De Meyere, A. 76142
Dahl, M., Babb, J., Tessier, R., Hanono, S., Hoki, D., Agarwal, A. Emulation of the Sparcle microprocessor with the MIT Virtual Wires emulation system 70603
Dahl, O.C., Najm, E. Specification & detection of IN service interference using LOTOS 85934
Dahl, R. *see* Dhawan, V. 88450
Dahl-Jensen, E. *see* Adam, W. 88114
Dahlberg, E.D. *see* Tondra, M. 71979
Dahlbom, M., Cherry, S.R., Eriksson, L., Hoffman, E.J., Wienhard, K. Optimization of PET instrumentation for brain activation studies 76921
Dahlbom, M. *see* Chatziioannou, A. 98829
Dahlbom, M. *see* Eriksson, L. 88438
Dahlbom, M. *see* Guerrero, T.M. 98827
Dahle, E., Giganti, P.L. Computational modelling: UPT split charging management case 96512
Dahlgren, P., Liden, P. Modeling of intermediate node states in switch-level networks 91721
Dahlgren, P. *see* Karlsson, J. 49349
Dahlgren, P. *see* Liden, P. 70373
Dahlgren, R. *see* Carroll, R. 72317
Dahlgren, R. *see* Claus, R. 52928
Dahlgren, U., Svedin, J., Johansson, H., Hagel, O.-J., Zirath, H., Karlsson, C., Rorsman, N. An integrated millimeterwave BCB patch antenna HEMT receiver 92578
Dahlin, M.D., Mather, C.J., Wang, R.Y., Anderson, T.E., Patterson, D.A. A quantitative analysis of cache policies for scalable network file systems 85298
Dahlke, A. *see* Althainz, P. 52965
Dahlke, A. *see* Althainz, P. 98174
Dahlke, S., Weinreich, I. Wavelet bases adapted to pseudodifferential operators 79724
Dahmen, M., Empl, A., Grzonka, D., Kilian, K., Moskal, P., Oelert, W., Roderburg, E., Rohrich, K., Rook, M., Sefzick, T., Steinkamp, O., Stratmann, R., Thimmel, J., Turek, P., Waters, M., Wolke, M., Ziolkowski, M. A three layer circular scintillator hodoscope 87984
Dahmen, W., Oswald, P., Xi-Quan Shi C^1-hierarchical bases 69877
Dahmen, W. *see* Carnicer, J.M. 54741
Dahn, J.R., Fuller, E.W., Obrovac, M., von Sacken, U. Thermal stability of Li_xCoO_2, Li_xNiO_2 and λ-MnO_2 and consequences for the safety of Li-ion cells 90359
Dahn, J.R. *see* von Sacken, U. 90361
Dahn, J.R. *see* Wu Li 60423
Dahne, U. *see* Tellmann, N. 82230
Dahnoun, N., Mottram, S.D., Fothergill, J., Smith, G. An optical technique for the measurement of thoracic wall movement during high-frequency jet ventilation 76968
Dahsiung Hsu *see* Songcan Lai 56931
Dahsiung Hsu *see* Songcan Lai 57009
Dai, F.L. *see* Fang, J. 76218
Dai, H. *see* Cada, M. 73095
Dai, H. *see* Frlan, E. 97955
Dai, H. *see* Normandin, R. 94462
Dai, H.K. Size-depth tradeoff for strictly nonblocking generalized-concentrators 65503
Dai, H.Y. *see* Bird, D. 98533
Dai, J. Hybrid approach to speech recognition using hidden Markov models and Markov chains 95261
Dai, N., Lee, F.C. Low-profile transformer winding configurations 90085
Dai, N., Lofti, A.W., Skutt, C., Tabisz, W., Lee, F.C. A comparative study of high-frequency, low-profile planar transformer technologies 68687
Dai, N. *see* Hua, G.C. 68077
Dai, N. *see* Karam, M. 68526
Dai, T.S. *see* Ahlen, S. 98641
Dai, W.W., Marsili, P.M., Martinez, E., Morucci, J.-P. Using the Hilbert uniqueness method in a reconstruction algorithm for electrical impedance tomography 67579
Dai, W.W. *see* Morucci, J.-P. 67560
Dai, W.W.-M., Staepelaere, D., Jue, J., Dayan, T. Cost-driven layout for thin-film MCMs 54530
Dai, W.W.-M. *see* Darnauer, J. 48676
Dai, W.W.-M. *see* Liao, H. 54525
Dai, W.W.-M. *see* Wang, J.S.-H. 92832
Dai, W.Wei-Ming *see* Wei-Ming Dai, W.
Dai, X., Gretsch, R. Optimal compensator currents for the reduction of the harmonic distortion in networks. I. Analytic solution 89220
Dai, X., Gretsch, R. Optimal compensator currents for the reduction of the harmonic distortion in networks. II. Graphic solution 89221
Dai, X. *see* Ja, Y.H. 50474
Dai, X. *see* Ja, Y.H. 56333
Dai, X. *see* Ja, Y.H. 82574
Dai, X.M., Green, M.A., Wenham, S.R. High efficiency n-silicon solar cells using rear junction structures 100628
Dai, Y.M. *see* Yan, L.G. 83578
Dai Changjiang *see* Bacci, C. 67317
Dai Chao-Ming *see* Chen Qi-Rui 50966
Dai Chaoming *see* Chaoming Dai
Dai Do Xuan *see* Xuan Dai Do
Dai Guanzhong *see* Zhang Youmin 84238
Dai Hongwei, Yu Yixin, Huang Chunhua, Wang Chengshan, Ge Shaoyun, Xiao Jian, Zhou Yi, Xin Rui Optimal planning of distribution substation locations and sizes—model and algorithm 99616
Dai Jiabin *see* Jiabin Dai
Dai Jian-ping *see* Jian-ping Dai
Dai Jiazun *see* Zhao Ning 48836
Dai Ke *see* Chen Junbi 96639
Dai KeJian *see* Ji Yanchao 99555
Dai Kejian *see* Ji Yanchao 100254
Dai Lun *see* Lun Dai
Dai Peihua *see* Peihua Dai
Dai Peiying *see* Dong Youmei 81802
Dai Qingyuan *see* Qingyuan Dai
Dai Qingzhong *see* Li Shisheng 89710
Dai Shu-Guang *see* Chen Chan-Yao 58966
Dai Tser-Ya *see* Tser-Ya Dai
Dai Wei-Jin *see* Wei-Jin Dai
Dai Xianzhong *see* Xianzhong Dai
Dai Yisong, Shi Jiesheng, Zhang Xinfa, Shi Jiawei, Jin Ensun Measurement of light output noise of semiconductor lasers and its correlation with electrical noise 72836
Dai Yisong *see* Liang Yingchang 73949
Dai Yisong *see* Shi Jiawei 63800
Dai Yongping *see* Xiong Shaozhen 71675
Dai Zhi-Min *see* Zhi-Min Dai
Dai Zhongning *see* He Guoyu 94957
Dai Zi-Guo *see* Zi-Guo Dai
Daido, H. *see* Kato, Y. 50730
Daido, H. *see* Murai, K. 56613
Daido, H. *see* Yamakawa, K. 94413
Daigang Wen *see* Wen Daigang
Daigle, E.B. *see* Grzybowski, S. 89260
Daigle, J.N., Lee, Y., Magalhaes, M.N. Discrete time queues with phase dependent arrivals 51801
Daigle, J.N. *see* Bagwell, C.E. 64960
Daigneault, C. *see* Sousa, E.S. 97147
Daigo, M. *see* Ohsugi, T. 59069
Daigo, M. *see* Unno, Y. 98558
Dailianas, A., Bovopoulos, A. Real-time admission control algorithms with delay and loss guarantees in ATM networks 64958
Daima, M. *see* Tateiba, M. 67853
Daiminger, F. *see* Bacher, G. 63559
Daimon, H. *see* Harada, Y. 71066
Daimon, N. *see* Funada, M.F. 67550
Daimon, T. *see* Tsuji, H. 67592
Dain Lin Psang *see* Psang Dain Lin
Dainese, B. *see* Benetti, P. 67328
Dainese, B. *see* Cennini, P. 67285
Daio, H., Buczkowski, A., Shimura, F. Lifetime study of metastable surface recombination centers in n-type silicon wafers 62148
Daiqing Li *see* Tian-bing Xu 55715
Daiquan Chen *see* Chen Daiquan
Dairaine, L. *see* Santoso, H. 96376
Dais, S. *see* Unruh, J. 69185
Daish, M. A comprehensive approach to power monitoring 60027
Daishoji, H. *see* Takemura, K. 49150
Daisy, R. *see* Horowitz, M. 50765
Daisy, R. *see* Horowitz, M. 94591
Daizhan Cheng *see* Cheng Daizhan
Daizhun Chzhan *see* Chzhan Daizhun
Dajin Lu *see* Tianying Ji 95362
Dajin Lu *see* Lu Dajin
Dajun He *see* He Dajun
Dajun Lu *see* Hongmei Ai 95334
Dake Liu, Svensson, C. Power consumption estimation in CMOS VLSI chips 61621
Dakin, J.P., Cruz, J.L., Reed, P.A.S., Sinclair, I. FONI-SPATE: A new fibre optic stress/strain sensor, using a near-infrared variant of the SPATE effect 87254
Dakin, J.P. *see* Xu, M.-G. 52891
Dakin, J.P. *see* Xu, M.G. 66409
Dal Alm *see* Alm Dal
Dal Fiume, D. *see* Frontera, F. 76828
Dal Hwan Yoon, Geon Ho Kim, Myung Su Kim, Chae Tak Lim Performance improvement of the fractionally-spaced equalizer with modified-multiplication free adaptive filter algorithm 75170
Dal Kwack Kae *see* Kae Dal Kwack
Dal Poz, S. *see* D'Alto, V. 86729
Dal Shin Yong *see* Yong Dal Shin
Dal-Ho Im, Chang-Eob Kim Finite element force calculation of a linear induction motor taking account of the movement 90026
Dalakchieva, N. *see* Hadjitodorov, S. 57434
Dalal, D.B., Tsai, F.-S. A 48 V, 1.5 kW, front-end zero-voltage-switched, PWM converter with lossless active snubbers for output rectifiers 60342
Dalal, H.M., Joshi, R.V., Rathore, H.S., Fillipi, R. A dual damascene hard metal capped Cu and Al-alloy for interconnect wiring of ULSI circuits 93258
Dalal, V. *see* Baldwin, G. 100700
Dalal, V.L., Baldwin, G., Garikepati, P. Improvements in stability of a-silicon solar cells through the use of bandgap grading 100526
Dalal, V.L., Baldwin, G., Ping, E.X., Leonard, M., Bhan, M. Fabrication of more stable materials and devices in amorphous silicon 79884
Dalal, V.L. *see* Luft, W. 90404

Dalaudier, F., Sidi, C., Crochet, M., Vernin, J. Direct evidence of "sheets" in the atmospheric temperature field 57108
d'Albora, P. *see* Casale, A. 79044
Dalby, R.J. *see* Grove, M.J. 71337
Daldegan, J., Jr., Pedroso, A.S., Soares, G.A. Analysis of HVDC unit connection generation 89858
Dale, B.G., Cooper, C.L. Total quality management: some common mistakes made by senior management 79440
Dale, C. *see* LaBel, K.A. 67726
Dale, C. *see* LaBel, K.A. 75434
Dale, C. *see* Marshall, P. 75412
Dale, C.J. *see* Marshall, P.W. 65821
Dale, C.J. *see* Meshel, D.C. 75446
Dale, J.L. *see* Wan-Lee Yin 69564
Dale, S.M., Edholm, P.R. Gamma camera ectomography with a limited view angle 59300
Daledda, K., Rogers, T.E., Meyer, R. Repowering: new life for old steam plants 99947
Dalesio, L.R. *see* Thuot, M.E. 76329
d'Alessandro, A., Smith, D.A., Baran, J.E. Multichannel operation of an integrated acoustooptic wavelength routing switch for WDM systems 52569
D'Alessandro, L., Ferrero, A. A method for the determination of the parameters of the hysteresis model of magnetic materials 87443
D'Alessandro, P., Formenti, P., Lancini, R. Pyramid vector quantization applied to a video coding scheme for contribution quality 84999
D'Alessandro, P. *see* Campa, C. 70674
D'Alessandro, R. *see* Akimov, V. 53300
D'Alessandro, R. *see* Arefiev, A. 88007
Daley, D.J., Foley, R.D., Rolski, T. Conditions for finite moments of waiting times in G/G/1 queues 79542
Daley, J. *see* Walliker, J. 98963
Daley, J.A. *see* Schultz, K.I. 53550
Daley, K. *see* Gordon, J.S. 88431
Daley, K. *see* Squillante, M.R. 56544
Daley, S., Wang, H. Application of a high gain observer to fault detection 91139
Dalgic, I., Chien, W., Tobagi, F.A. Evaluation of 10Base-T and 100Base-T Ethernets carrying video, audio and data traffic 65392
Dalgoutte, D.G., Hewins, A.R., Hornung, S., Peacock, J. OTIAN: An outside plant system for the access network 86515
Dali Mao *see* Mao Dali
Dalin Li *see* Li Dalin
Daling Luo *see* Luo Daling
Dalke, D.G., Prusak, J.J., Woodside, G. Product environmental impact assessments 79257
Dalke, G. *see* Bartels, F. 81569
Dalkilic, M.E., Pitchumani, V. Distributed datapath synthesis on a network of workstations 49275
Dalkilic, M.E., Pitchumani, V. Optimal operation scheduling using resource lower bound estimations 49315
Dalkilic, M.E., Pitchumani, V. A multi-schedule approach to high-level synthesis 92056
Dalkilic, M.E. *see* Unaltuna, M.K. 61622
Dall, J., Jorgensen, J.H., Netterstrom, A., Vardi, N., Christensen, E.L., Madsen, S.N. The Danish real-time SAR processor: first results 77678
Dalla Santa, F. *see* Arefiev, A. 88007
Dalla Torre-Colautti, S. *see* Martin, A. 67356
Dallago, E. *see* Brambilla, A. 60299
Dallago, E. *see* Brambilla, A. 61549
Dallaire, R.J. *see* Stankwitz, H.C. 75527
Dallal, Y.E., Shamai, S. Coding for DPSK noisy phase channels 51362
Dallaporta, H. *see* Shafeev, G. 48957
Dallas, J.L. Frequency-modulation mode-locking performance for four Nd^{3+}-doped laser crystals 94401
Dallas, J.L. *see* Selker, M.D. 50779
Dallat, J. *see* Abbott, L. 54382
Dallavalle, C. *see* Nicollini, G. 85954
Dallavalle, M. *see* Anderson, B.E. 88246
Dalle, C. Harmonic balance method applied to the numerical electrical physical modelling of two-terminal, non-linear microwave circuits in the frequency domain 70884
Dallesasse, J. *see* Busta, H. 82806
Dallet, D., Marchegay, P., Benkais, M. Jitter measurement of an ADC by statistical analysis 87058
Dall'Igna, R. *see* Zanella, G. 59098
Dallimore, J.M. Earthing at petrol filling stations 53802
Dallimore, P. Low power environmental monitoring 66139
Dallmann, D. *see* Zhang, L. 71311
Dally, A.J. *see* Harame, D.L. 61658
D'Almagne, B. *see* von Apeldoorn, G. 88116
Dalmia, A.K., Trivedi, M. Active depth extraction using image streams 74557
Dalpasso, M., Favalli, M., Olivo, P., Teixeira, J.P. Realistic testability estimates for CMOS ICs 80211
Dalpasso, M. *see* Favalli, M. 49305
Dalrymple, R.E. *see* Crowley, J.D. 55390
D'Alsace, R. *see* Thomas, M.G. 67234
Dalsgaard, P., Anderson, O., Hansen, V.M. Tactile representation of selected acoustic-phonetic features for use in lipreading 98964
Dalsgaard, P. *see* Jensen, U. 73785
D'Alto, V., Cremonesi, A., Heintz, C., Oistamo, K., Urban, J., Karlsson, M., Vindigni, A., Dal Poz, S. A highly integrated scanning rate converter for IQTV 86729
Dalton, C.J. Studio techniques for PALplus compatible wide-screen television 58572
Dalton, L.R. *see* Strohkendl, F.P. 56698
Dalton, L.R. *see* Wenshen Wang 72451
Dalton, T.J., Conner, W.T., Sawin, H.H. Interferometric real-time measurement of uniformity for plasma etching 71350
D'Altorio, A. *see* Redaelli, G. 77398
Dalu Huang *see* Huang Dalu
Dalvi, C. *see* Rey, J.P. 90569
Dalvi, V. *see* Baker, A. 92225
Dalvie, M. *see* Arnold, J.C. 55772
Dalvie, M. *see* Hamaguchi, S. 71353
Dalvie, M. *see* Hamaguchi, S. 93166
Dalwoo Kim *see* Choong Soo Lim 70202
Daly, C. *see* Zhao, T. 59125
Daly, C.H. *see* Sanders, J.E. 76879
Daly, D. *see* Mersereau, K. 50559
Daly, J.C. *see* Jien-Chung Lo 55208
Daly, J.T. *see* Karam, N.H. 91629
Daly, M.G., Bruce, D.M., Jessop, P.E., Cassidy, D.T., Yevick, D. Metallization stress in weakly guiding InP/InGaAsP waveguides 72365
Daly, P., Raby, P., Riley, S. GNSS—progress towards implementation 65727
Daly, P.A. *see* Bourguignon, J.G. 77891
Daly, R. *see* McDowell, W. 76334
Daly, R. *see* Song, J. 76445
Daly, R.T. *see* Song, J.J. 98472
Dam, C.van *see* van Dam, C.
Dam, H.van *see* van Dam, H.
Dam, J.A.M. *see* Knoopers, H.G. 87776
Dam, K.van *see* van Dam, K.
Dam, T.Q. *see* Gagnon, F. 73680
Dam, W.C., Taylor, D.P. An adaptive maximum likelihood receiver for correlated Rayleigh-fading channels 95368
Damaske, O. *see* Cordemann, A. 66719
Damaskos, N.J. *see* Monzon, J.C. 73315
Damaskos, S. *see* Burak, M. 65428
Damata, W., Peuch, J.C., Baudrand, H. Electromagnetic energy for heating viscous petroleum reservoirs 90703
Damato, B.E. *see* Bradnam, M.S. 88491
D'Amato, D.P. Micro-optics systems and devices: review and analysis using multi-aperture design software 50558
D'Amato, F. *see* Dunphy, J. 52887
Dambier, G. *see* Coron, N. 59152
Dambkes, H. *see* Ostermeir, R. 62827
Dambly, L., Zeghlache, H. Theory of a multimode photorefractive oscillator: quantitative results on the frequency shift 56858
Damborg, M. *see* Ta-Kang Ma 53640
Damborg, M. *see* Ta-Kang Ma 77948
Damborg, M.J. *see* Tsai, M.S. 68140
D'Ambra, J. Voice mail and media richness theory—a longitudinal study 96559
Dambrine, A.C. *see* de Vreede, L.C.N. 55424
Dambrine, G. *see* Danneville, F. 55404
D'Ambrosio, C., Gys, T., Leutz, H., Piedigrossi, D., Puertolas, D., Tailhardat, S., Shimizu, T., Shinji, O. Further results on photoelectron counting with small diameter scintillating fibres 67286
D'Ambrosio, C. *see* Anselmo, F. 98647
d'Ambrosio, E., Fragano, M., Imondi, G., Lanciano, M. A 2.9 megabit field memory especially suitable for PALplus applications 86736
D'Ambrosio, J.G. *see* Xiaobo Hu 78991
D'Ambrosio, M., Melen, R. On the limit behaviour of the ATM traffic within a network 51780
D'Ambrosio, M., Melen, R. On the modification of the cell streams within an ATM network 75092
Damdinsuren, T. *see* Chutlem, D. 87736
Damdinsuren, Ts. *see* Chultem, D. 88174
Damean, N. A method for the measurement of the temperature using as ingredient an optimal control problem 76240
Damele, G., Bazzana, G., Giunchi, M., Rumi, G. Setting-up and using a metrics program for process improvement 85387
D'Amelio, C. *see* Bartoloni, A. 67856
Damento, M.A., Lo, S., Meyer, H.J., Doherty, P.E., Sims, G.R., Lesser, M.P. Thinned 4096×4096 CCD mosaic 66473
Damerell, A.R. *see* Key, M.H. 50731
Damerell, A.R. *see* Ross, I.N. 63669
Damergi, T., Ionescu, D. A method for subpart decomposition for overlapped object identification 95704
Damerji, T. *see* Ko Bong Fung 77635
Damgaard, G. *see* Adam, W. 88114
Damgard, I.B. Interactive hashing can simplify zero-knowledge protocol design without computational assumptions 73750
Damian, M. Bearable development: the last chance for nuclear power? 78317
Damiani, M. Nondeterministic finite-state machines and sequential don't cares 49309
Damiani, M. *see* Yang, J.C.-Y. 49088
Damiano, R.F. *see* Brand, D. 92055
Damiano, R.F. *see* Mains, R.E. 92262
Damiano, R.J., Jr. *see* Kuelz, K.W. 77040
Damianou, C., Hynynen, K., Fan, X. Application of the thermal dose concept for predicting the necrosed tissue volume during ultrasound surgery 98925
D'Amico, A. *see* Caliendo, C. 58671
D'Amico, A. *see* Davide, F.A.M. 58881
D'Amico, A. *see* Di Natale, C. 66564
D'Amico, A. *see* Di Natale, C. 98159
D'Amico, F. *see* Villela, T. 88332
Daming Huang *see* Qiang Xu 81179
Damion, J.P. Means of dynamic calibration for pressure transducers 66756
Damjanovich, R. *see* York, R.L. 76729
Damm, R. *see* Sanders, R.T. 67163
Dammel, R. *see* Borzo, M. 81668
Dammel, R. *see* Rahman, M.D. 81669
Dammel, R.R., Rahman, M.D., Lu, P.H., Canize, A., Elango, V. Lithographic performance of isomeric hydroxystyrene polymers 81658
Dammel, R.R. *see* DiCarlo, J. 81670
Dammel, R.R. *see* Shih, H.-Y. 81656
Dammig, M., Mitschke, F. Velocity of pulse propagation in media with amplitude nonlinearity 82551
Dammon, C.T., Lane, D.M. Transfer of training in a fault diagnosis task 90794
Damodaram, R. *see* Brackett, P. 85887
Damodaran, A.D. *see* Ananthakumar, S. 54988
Damodaran, R. *see* Embabi, S.H.K. 80270
Damon, D.H. *see* Suh, K.S. 50151
Damon, D.H. *see* Weijun Yin 50149
D'Amore, D. *see* Brambilla, A. 80086
D'Amore, M. *see* Cortina, R. 68205
D'Amours, C., Chouinard, J.Y., Yongacoglu, A. Unicity distance of linear and non-linear pseudonoise sequence generators for direct-sequence spread spectrum systems 75190
D'Amours, C., Moher, M., Yongacoglu, A., Wang, J. RAKE receiver structures for differential and pilot symbol-assisted detection of DS-CDMA signals in frequency-selective Rayleigh fading channels 86063
Damper, R.I. Connectionist models of categorical perception of speech 95288
Damper, R.I. *see* Luk, R.W.P. 73881
Damrauer, L.M., Berozi, D. Cogeneration reduces medical center energy costs 59431
Damrell, C.B. *see* Horwitz, J. 89242
Damrongkulkamjorn, P., Arcot, P.K., Dcouto, P., Gedra, T.W. A screening technique for optimally locating phase shifters in power systems 88986
Damsky, B. *see* Rasmussen, J. 89759
Damstra, G. *see* Meng, X. 80964
Damstra, G.C. Ferroresonance in gas-insulated substation voltage transformers 68913
Damy de Santos, M. *see* Goncalves, J.A.C. 98594
Damzen, M.J., Green, R.P.M., Crofts, G.J. Spatial characteristics of a laser oscillator formed by optically-written holographic gain-grating 72949
Damzen, M.J. *see* Crofts, G.J. 50946
Damzen, M.J. *see* Soan, P.J. 63903
Damzen, M.J. *see* Troth, R.C. 73021
Dan, S. *see* Kakusho, K. 84617
Dan Keun Sung *see* Sung-Hyuk Byun 75082
Dan Liu *see* Xiaoyin Hong 49930
Dan Pan Xiao *see* Xiao Dan Pan
Dan Wang Yan *see* Yan Dan Wang
Dan Xu, Zhigeng Pan, Jiaoying Shi The implementation techniques of audio in Open Editor 85658
Dana, R.A. Effects of uplink and downlink decorrelation on monostatic and bistatic radar detection in scintillation 65911
Dana, R.A. Temporal statistics of non-Rayleigh fading 73338
Danaher, S. *see* Murray, A. 64345
Danailov, M.B., Apai, P. 589 nm light generation by intracavity mixing in a Nd:YAG laser 72731
Danailov, M.B., Cerullo, G., Magni, V., Segala, D., De Silvestri, S. Nonlinear mirror mode locking of a cw Nd:YLF laser 63714
Danak, R.K. *see* Miles, F.M. 49143
Danared, H., Andler, G., Bagge, L., Herrlander, C.J., Hilke, J., Jeansson, J., Kallberg, A., Nilsson, A., Paal, A., Rensfelt, K.-G., Rosengard, U., Starker, J., Ugglas, M.A. Electron cooling with an ultracold electron beam 67255
Danared, H. *see* Abrahamsson, K. 76307
Danay, A., Adeghe, L., Dobrowolski, E. Design, installation and automatic monitoring of structural and equipment instrumentation for concrete growth mitigation project at Saunders GS 78490
Danby, G.T., Jackson, J.W. Shimming techniques for the ultraprecise muon g-2 storage ring at the AGS 87672
Danby, G.T., Jackson, J.W., Meng, W., Spataro, C. Comparison of computer predictions and magnetic field measurements for an iron spectrometer magnet 76857
Danby, G.T., Jackson, J.W., Spataro, C. Eddy current control in the AGS Rapid Cycling Booster accelerator magnets 87673
Danby, G.T., Meng, W., Sampson, W.B., Woodle, K. Magnetic flux shielding for the precision muon g-2 storage ring superconducting inflector 87675
Dance, D.R. *see* Garton, A.J. 76916

Dance, D.R. *see* Sandborg, M. 53400
Dance, D.R. *see* Sandborg, M. 59368
Dance, D.R. *see* Sandborg, M. 88477
Dancer, P. *see* Bourlion, M. 77035
Danda, S. *see* Panyam, A. 50059
Danda, S. *see* Shanbhag, A. 49060
Dandachi, N.H., Rawlins, M.J. From research to development—the implementation of power system software 99464
Dandachi, N.H. *see* Ekwue, A.O. 60283
Dandachi, N.H. *see* Lo, K.L. 59734
Dandapani, R. *see* Majumder, A. 66126
Dandapani, R. *see* Wallack, J.R. 49384
Dandawate, A.V. On consistent and asymptotically normal sample estimators for cyclic-moments and cumulants 84522
Dandawate, A.V., Giannakis, G.B. Statistical tests for presence of cyclostationarity 84357
Dandawate, A.V., Giannakis, G.B. Asymptotic properties and covariance expressions of kth-order sample moments and cumulants 95544
Dandeno, P.L. *see* Iravani, M.R. 77989
Dandliker, R. *see* Frosio, G. 87249
Dandliker, R. *see* Ghisler, Ch. 63736
D'Andrea, A.N., Mengali, U. Noise performance of two frequency-error detectors derived from maximum likelihood estimation methods 51526
D'Andrea, A.N., Mengali, U., Reggiannini, R. The modified Cramer-Rao bound and its application to synchronization problems 51736
D'Andrea, A.N., Mengali, U., Vitetta, G.M. Approximate ML decoding of coded PSK with no explicit carrier phase reference 51368
D'Andrea, A.N., Mengali, U., Vitetta, G.M. Multiple phase synchronization in CPM signals 73686
D'Andrea, N.A., Guglielmi, F., Mengali, U., Spalvieri, A. Design of transmit and receive digital filters for data communications 52266
Dandridge, C.B. *see* Norford, L.K. 69023
d'Andrimont, E. *see* Broquet, J. 59447
Dandy, D.S., Coltrin, M.E. Effects of temperature and filament poisoning on diamond growth in hot-filament reactors 79938
Dandy, D.S. *see* Hsu, W.L. 54969
Dane, C.B., Neuman, W.A., Hackel, L.A. High-energy SBS pulse compression 83257
Dane, D., Mantei, T.D. Parametric modeling and measurement of silicon etching in a high density chlorine plasma 71365
Dane, G.B. *see* Hackel, L.A. 72668
Danerud, M., Winkler, D., Lindgren, M., Zorin, M., Trifonov, V., Karasik, B., Gershenzon, E.M., Gol'tsman, G.N. A fast infrared detector based on patterned YBCO thin film 58749
Danerud, M., Winkler, D., Lindgren, M., Zorin, M., Trifonov, V., Karasik, B.S., Gol'tsman, G.N., Gershenzon, E.M. Nonequilibrium and bolometric photoresponse in patterned $YBa_2Cu_3O_{7-\delta}$ thin films 87181
Danerud, M. *see* Karasik, B. 66353
Danerud, M. *see* Lindgren, M. 56521
Danese, G. *see* Antonelli, G. 66134
Danesfahani, G.R., Jeans, T.G., Evans, B.G. Low-delay distortion recursive (IIR) transmultiplexer 51519
Danesfahani, G.R., Jeans, T.G., Evans, B.G. Simulation of 2 frequency channelisation architectures for OBP satellites 52442
Daneshagaran, F., Mondin, M. Bandwidth efficient modulation with wavelets 83905
Daneshgaran, F., Mondin, M. Time-frequency density for wavelets 91182
Danevich, F.A. *see* Alessandrello, A. 59163
Dang, D. *see* Blech, H. 81484
Dang, D.Y. *see* Song, Y.H. 68001
Dang, M. *see* Guedes Silveira, J. 58224
Dang, T., Jamet, O., Maitre, H. An image segmentation technique based on edge-preserving smoothing filter and anisotropic diffusion 57820
Dang Fu-Xi, Wu Bai-Shi Temperature dependence of the third-order nonlinear susceptibility, $\chi^{(3)}$, of CS_2 and dodecylbenzene 83292
Dang Hui *see* Wu Qiming 80036
Dang Xiaozhong *see* Yang Zhijian 50853
Dangakis, K. *see* Lazarakis, F. 83686
Dangelmayr, L. *see* Rickus, E. 81102
D'Angelo, D.M., McNair, B., Wilkes, J.E. Security in electronic messaging systems 85602
D'Angelo, E. *see* Chen, Z. 94579
D'Angelo, E.J. *see* Balle, S. 56781
D'Angelo, W., Ericson, M., Scarborough, E., Rogers, S., Amburn, P., Ruck, D. Measurement of distance perception using virtual audio 59451
D'Angelo, W. *see* Ericson, M. 59492
Dangendorf, V. *see* Brauning, H. 88307
Danger, T., Bleckmann, A., Huber, G. Stimulated emission and laser action of Pr^{3+}-doped $YAlO_3$ 56676
Danger, T., Koetke, J., Brede, R., Heumann, E., Huber, G., Chai, B.H.T. Spectroscopy and green upconversion laser emission of Er^{3+}-doped crystals at room temperature 82987
Danger, T. *see* Heine, F. 72763
Dangla, J. *see* Zuberek, W.M. 49069
Dangler, W. *see* Tschosik, B. 72167
Dangoisse, D. *see* Louvergneaux, E. 94358
Dangor, A.E. *see* Key, M.H. 50731
Dangor, A.E. *see* Mitchell, I.H. 68934
Dangremond, L. Low-level DC parametric wafer measurements 93565
DanHong Zhou, Marti, J.R. Skin effect calculations in pipe-type cables using a linear current subconductor technique 53757
Danichev, A.M., Kas'yanov, A.I. Synthesis of wave filters with switched capacitors 70741
Danichev, A.M., Kas'yanov, A.I. Synthesis of switched-capacitor wave filters 92355
Danicki, E. Elastic and EM waves guided by periodic cracks or strips 93854
Danicki, E. A solution to the SAW diffraction problem 99326
Daniel, A.V. *see* Kuznetsov, A.V. 67357
Daniel, B.-U. Electrification of Neustrelitz-Neubrandenburg-Stralsund line 69136
Daniel, D. *see* Panciatici, P. 59695
Daniel, H.S., Moore, D.R., Tekippe, V.J. A glass solder process for packaging fibre optic components 82607
Daniel, J.P. *see* Lebbar, H. 94953
Daniel, R. *see* Fouckhardt, H. 65778
Daniel, S. *see* Dolter, J. 65401
Daniel, W.T., Round, B.J. Design verification using IEEE 1149.1 boundary scan 92691
Daniele, N., Chagnot, D., Fort, C. Outdoor millimetre-wave propagation measurements with line of sight obstructed by natural elements 83681
Danieli, M. *see* Gerbino, E. 64337
Danielian, E., Tatalian, K. Sign-change diminishing systems of functions of many variables 61144
Daniell, K.E. *see* Clapis, P.J. 93241
Daniell, R.E., Jr. Modeling of optical signatures of electron spectra in ionospheric heating experiments 83688
Daniell, R.E., Jr., Whartenby, W.G., Anderson, D.N. PRISM validation 83656
Danielli, G. The multi-chip-carrier-module (MC^2M) 54542
Danielli, G. The hard disc: twenty years of evolution 56226
Danielli, G. Security in data interchange 57349
Danielli, G. MVP—four DSPs in one 61753
Danielli, G. Electronics and sensors 75900
Danielli, G. Fine-pitch no-clean soldering: the choice of soldering paste 80992
Danielli, G. The performance of new-generation fax machines 85616
Daniels, A., Boreman, G.D., Ducharme, A.D., Sapir, E. Random targets for modulation transfer function testing 66447
Daniels, A.R. *see* Chan, K.W. 59826
Daniels, B.E. *see* Fritz, M.E. 65824
Daniels, B.R.G. Beyond Category 1—Lighting Guide 3 54241
Daniels, M.E., Bishop, P.J., Ridley, B.K., Ritchie, D.A., Grimshaw, M., Linfield, E.H., Jones, G.A.C. Hot-electron transport across a wide AlGaAs barrier containing quantum wells 62275
Daniels, M.E. *see* Bishop, P.J. 62288
Daniels, M.E. *see* Mills, R.J. 62302
Daniels, R.G. *see* Copenhaven, W.H. 79052
Daniels, R.M., Jr. *see* Dennis, A.R. 52243
Danielson, D. *see* Lantz, S.L. 91615
Danielsson, P.-E. From cone-beam projections to 3D Radon data in $O(N^3 \log N)$ time 59313
Danielsson, P.-E. *see* Axelsson, C. 59310
Danielsson, P.-E. *see* Magnusson, M. 59314
Danikas, M. *see* Krahenbuhl, F. 82163
Danikas, M.G., Atten, P., Saker, A. Streamer propagation over a liquid/solid interface 50118
Danikas, M.G., Bohme, H., Fantana, N.L. Dynamic modelling for electrical aging of a solid dielectric and partial discharges [comments and reply] 82120
Danikas, M.G., Gubanski, S.M. Vulcanization influence on TSD currents and wettability of room temperature vulcanized silicone rubber HV insulator coatings [comments and reply] 89327
Danikas, M.G., Tanaka, T. Aging and related phenomena in modern electric power systems [comment and reply] 63094
Danilchenko, B., Klimashov, A., Roshko, S., Asche, M. Hot electrons and nonequilibrium LA phonons in δ-doped GaAs 92937
Danilchenko, B. *see* Asche, M. 62287
Danil'chuk, A.A. Scattering magnetic field of toroidal transformer 78670
Danilichev, M.V., Evtuchenko, A.V., Kutuza, B.G., Lotov, A.I., Nickolaev, A.D. Investigation of Sun microwave emission intensity, reflected by rough sea surface 77467
Danilin, Yu.M. Linearization method using smooth penalties 48811
Danilin, Yu.M. Linearization method using modified Lagrange functions 79646
Danilina, O.V. *see* Arjanov, E.V. 94459
Danilina, O.V. *see* Arzhanov, E.V. 72795
Danilkin, N.P. Transionospheric radiosounding 67804
Danilov, E.O. *see* Biglov, Z.A. 56636
Danilov, S.N. *see* Vorobjev, L.E. 63749
Danilov, V., Koop, I., Lysenko, A., Militsyn, B., Nesterenko, I., Perevedentsev, E., Pozdeev, E., Ptitsin, V., Shatunov, Yu., Vasserman, I. Experimental study of collective effects in BEP storage ring with high stored current 87823
Danilov, V. *see* Brandt, D. 87724
Danilov, V.V. *see* Balinskii, M.G. 56232
Danilova, T.N., Ershov, O.G., Imenkov, A.N., Timchenko, I.N., Sherstnev, V.V., Yakovlev, Yu.P. InAsSbP laser for the 2.7-3.0-μm spectral range (T=77 K) 56795
Danilova, T.N., Imenkov, A.N., Moiseev, K.D., Timchenk, I.N., Yakovlev, Yu.P. Light emitting diodes based on InAsSbP for the 2.6-3.0 μm spectral range (T=300 K) 72627
Danilowicz, M.J. The future of Digistore: modular design for the spot playback server 97691
Danilychev, V., Kerner, A., Lewin, R. Improving adhesion characteristics of wire insulation surfaces 61980
Daniro, D.J., Jr. *see* Benimoff, N.I. 85556
Danisch, L., Thompson, W., Ele, A., Lovely, D., Hudgins, B., Biden, E., Caldwell, R., Snow, J., MacKay, I., Aite, K. Bend enhanced fiber optic sensors in a teleoperation application 76026
Danjou, L. *see* Glantschnig, W.J. 79246
Dankoski, P.C.P. *see* Saraswat, K.C. 62352
Dankowski, S.U. *see* Kneissl, M. 94300
Danly, B.G. *see* Chen, S.C. 76359
Danly, B.G. *see* Kimura, T. 76639
Danly, B.G. *see* Menninger, W.L. 71042
Dann, J. *see* Barberis, E. 88104
Dann, J. *see* Barberis, E. 98609
Dann, R.J. Infrared: sensing pollution 75992
D'Anna, E. *see* Luches, A. 62502
Dannberg, P. *see* Brauer, A. 56426
Danner, D. *see* Mii, Y. 71677
Danner, D. *see* Subbanna, S. 92190
Danner, D.A. *see* Harame, D.L. 71770
Danneville, F., Happy, H., Dambrine, G., Belquin, J.-M., Cappy, A. Microscopic noise modeling and macroscopic noise models: how good a connection? [FETs] 55404
Danno, M. Study on the measurement of economic benefits of telecom project in the developing countries — proposing new method 96312
Danno, M., Shimazutsu, H., Ikeda, T. High power CO_2 laser excited by TM_{010}-mode microwave discharge 63658
Danno, M. *see* Ikeda, T. 50743
Dannowski, K., Strey, M. Propagation measurements with Inm2 satellite signals in L-band 73324
Dansas, P. *see* Bertrand, F. 82630
Dansereau, J. *see* Graves, B.R. 94336
Danshin, S., Kopylov, A., Yants, V. Small gas proportional counters filled with an Ar-CO_2 mixture for counting of ultra-low activities of ^{37}Ar 98526
Dansie, J. Latest La Grande link goes live 53959
Dansie, J. New options for old projects 53961
Danskin, D.W. *see* Haldoupis, C. 59556
Danskin, D.W. *see* St.-Maurice, J.-P. 59543
Danskin, J., Hanrahan, P. Profiling the X protocol 85301
Danson, C.N. *see* Key, M.H. 50731
Dantas, E.J.A., d'Assuncao, A.G. Resonant frequency of a microstrip patch on a magnetized ferrite substrate 80614
Dantas, J.F., Cuminato, J.A., Leal Ferreira, G.F., Figueiredo, M.T. Solution of a non-trivial space charge problem by the hodographic method 82115
Dante, V. *see* Farilla, A. 52772
d'Anterroches, C. *see* Guenais, B. 81357
Danthine, A., Bonaventure, O., Baguette, Y., Leduc, G., Leonard, L. QoS enhancements and the new transport services 65355
Danto, Y. *see* Claeys, W. 60949
Danto, Y. *see* Claeys, W. 79311
Danto, Y. *see* Claeys, W. 80968
Danto, Y. *see* Marc, F. 61689
D'Antona, G., Ferrari, E., Gandelli, A. Definition and analysis of an electronic device for synchronous circular sampling of locally periodic signals 97868
Dantoni, F., Frezza, F., Gali, A. FEM applications to non-radiative dielectric resonators 70850
D'Antonio, P., Konnert, J.H. New acoustical materials improve broadcast facility design 97578
Dantowitz, P., Shafai, B., Shafai, E. Phase shifter: a nonlinear circuit for direct measurement of phase margin in feedback control systems 87420
Dantsker, E. *see* Ludwig, F. 56252
Dantsker, E. *see* Miklich, A.H. 63312
Dantsker, E. *see* Wellstood, F.C. 97906
Dantzig, J.A. *see* Cockerill, T.M. 63776
Danuser, A. *see* Guedes Silveira, J. 58224
Danuser, A. *see* Jungen, M. 65378
Danuser, A. *see* Rao, S. 85986
Danuser, A. *see* Steinmann, M.J. 65524
Dany, J.-C. *see* Wautier, A. 75258
Danyuk, D.L., Pil'ko, G.V. Amplification structures with additive error compensation 55150
Danz, G. High voltage ICs simplify half-bridge-driver designs 80090
Danzer, B. *see* Brodersen, K. 90899
Danzilio, D. *see* Tsai, M.C. 80198
Danzilio, D. *see* Tsai, M.C. 80812
Dao Sheng Chen, Roy, S. An adaptive multiuser receiver for CDMA systems 75309
Dao Wen Chen Using localized basis function for multi-speaker speech recognition 95363
Dao-Zhi Xia *see* Ben-Tao Yuan 89128

Daoming Ke *see* Ke Daoming
Daous, M.A., Bashir, M.D., El-Naggar, M.M.A. Experiences with the safe operation of a 2 kWh solar hydrogen plant 54157
Daozheng Wei *see* Dong Xiang 80048
Daozheng Wei *see* Xiaotian Cui 80043
Daozheng Wei *see* Wei Daozheng
Daozhi Xia *see* Xia Daozhi
Dapang Chen *see* Shie Qian 51460
Dapang Chen *see* Shie Qian 95396
Dapcevic, D. *see* Katic, V. 90513
Dapeng Jiang *see* Ande Lu 66580
Dapkus, D.P. *see* Siala, S. 75398
Dapkus, P.D. *see* Dubovitsky, S. 63772
Dapkus, P.D. *see* Dubovitsky, S. 72920
Dapkus, P.D. *see* Frateschi, N.C. 83144
Dapkus, P.D. *see* Kawase, M. 63978
Dapkus, P.D. *see* MacDougal, M.H. 72802
Dapkus, P.D. *see* Siala, S. 72848
Dapkus, P.D. *see* Zhao, H. 50855
Daponte, P., Falcomati, G., Testa, A. A multiple deep attenuation frequency window for harmonic analysis in power systems 67989
Daponte, P. *see* Arpaia, P. 92316
Daponte, P. *see* Baccigalupi, A. 75869
Daponte, P. *see* Baccigalupi, A. 92650
Daponte, P. *see* Cennamo, F. 92317
D'Apuzzo, M. *see* Arpaia, P. 92316
D'Apuzzo, M. *see* Baccigalupi, A. 75869
D'Apuzzo, M. *see* Bernieri, A. 58652
Dar-Ren Leu *see* Kou-Yuan Huang 64571
Darack, S.B. *see* Dykaar, D.R. 72749
Darack, S.B. *see* Dykaar, D.R. 73113
Darack, S.B. *see* Keil, U.D. 63576
Daraktchiev, I. *see* Beauchemin, B.T., Jr. 81663
Darambara, D.G., Spyrou, N.M. Neutron detection using soft errors in dynamic random access memories 88032
Daran, E. *see* Puech, P. 81232
Daravish, M. *see* Mekhta, P. 80125
Darbon, P. *see* Brehm, C. 82616
Darby, D. *see* Chung-En Zah 63780
Darby, D. *see* Hwang, D.M. 61038
Darby, D. *see* Wang, M.C. 63805
Darby, D.B. *see* Wang, Z. 83053
Darby, G.E. Re-engineering travel information: Opportunities for telecom providers 85488
Darchy, H., Reynal, C. Civil engineering expertise for large turnkey power plant projects 89414
Darcie, T.E. *see* Lu, X. 86328
Darcie, T.E. *see* Woodward, S.L. 52574
Darclon, F. *see* Abrami, A. 98715
Dardzinski, B.J. *see* Moore, S.C. 76919
Dargent, L. Digital piston manometers: are they primary or transfer standards? 66745
Dargent, P. *see* Gingrich, D. 53291
Dargeyko, A.M. *see* Petrov, V.V. 72288
Dargie, P.G., Hughes, S.T. A thick-film capacitive differential pressure transducer 97880
D'Aria, G. *see* Benedetto, V. 52309
D'Aria, G. *see* Biglieri, E. 86072
Daring, H., Krause, E., Mothes, W., Peupelmann, J., Voss, F., Wenzel, F. Optical coherent transmission system for 622 Mbit/s 75453
Dario, P. *see* Wang, T. 76877
Dariush Azimi-Garakani Energy response and linearity of electrochemically etched PADC 88170
Darkazalli, G. *see* Hogan, S.J. 100726
Darkazalli, G. *see* Nowlan, M.J. 90429
Darling, G. *see* Hsiao-Dong Chiang 89237
Darling, G. *see* Hsiao-Dong Chiang 89238
Darling, G.D., Zhang, C., Vekselman, A.M. Dialkyl fumarate copolymers: new photoresist materials for deep-and mid-UV microlithography 81637
Darling, R.B. *see* Nilson, C.D. 92443
Darlington, A.N. *see* Strang, W.M. 89255
Darmanyan, S.A. *see* Abdullaev, F.K. 56344
Darmanyan, S.A. *see* Abdullaev, F.Kh. 94092
Darmo, J. *see* Dubecky, F. 81358
Darnauer, J., Dai, W.W.-M. Fast pad redistribution from periphery-IO to area-IO 48676
Darnauer, J., Garay, P., Isshiki, T., Ramirez, J., Wei-Ming Dai, W. A field programmable multi-chip module (FPMCM) 71007
Darnell, M. Techniques for the real-time identification of radio channels 58282
Darnell, M., Honary, B., Enright, R., Martin, I. A compact portable HF terminal 97045
Darnell, M., Yung, H.M. Security considerations in frequency hopping radio systems 65566
Darnell, M. *see* Bartlett, A. 95457
Darnell, M. *see* Clark, P.D.J. 96995
Darnell, M. *see* Fan, P.Z. 64552
Darnell, M. *see* Fan, P.Z. 73578
Darnell, M. *see* Gallagher, M. 96991
Darnell, M. *see* Honary, B. 94812
Darnell, M. *see* Quirke, T.M. 97027
Darnell, M. *see* Ripley, M. 97193
Darnell, M. *see* Walker, P. 96996
Daroczi, C.S. *see* Klugmann, E. 71944
Darouach, M., Zasadzinski, M., Bassong-Onana, A. On the 3-block generalized Riccati equation of optimal filtering 84235
Darouach, M., Zasadzinski, M., Onana, A.B. On the generalized Riccati difference equation 64891
Darouach, M. *see* Nowakowski, S. 69632
Daroy, C.J. *see* Hui, S.C. 85609
Darragh, N.R., Mapps, D.J., Donnelly, T., Wade, J.G., Hoinville, J.R. Observation of underlayer domain noise in perpendicular recording disks 50307
Darraud, C., Bennamane, B., Gagnadre, C., Decossas, J.L., Vareille, J.C. Optical modifications of polymers by ion beam irradiation 82518
Darraud, C., Bennamane, B., Gagnadre, C., Decossas, J.L., Vareille, J.C., Stejny, J. Refractive-index modifications of some polymeric materials by ion beams 63336
Darraud, C., Gagnadre, C., Decossas, J.L., Vareille, J.C., Stejny, J. Optical behaviour of CR39 under irradiation: Fabrication of waveguides 82670
Darrell, T., Maes, P., Blumberg, B., Pentland, A.P. A novel environment for situated vision and behavior 64893
Darrell, T. *see* Essa, I.A. 96063
Darrow, D., Vilmer-Bagen, S. Low-cost patterned metallization technique for high density multilayer interconnect applications 91034
Dart, D.L. *see* Sloggett, J. 56249
Darte, A. *see* Boulet, P. 85215
Dartu, F., Menezes, N., Qian, J., Pillage, L.T. A gate-delay model for high-speed CMOS circuits 93594
Dartu, F. *see* Menezes, N. 91830
Dartyge, E. *see* Giles, C. 98716
Darula, M., Seidel, P., Busses, F., Benacka, S. Arrays of Josephson junctions closed into a superconducting loop as a source of coherent radiation 56255
Daruwala, R.D. *see* Chachad, A.A. 70683
Darveniza, M. Surge arresters and multiple stroke lightning 53823
Darveniza, M., Roby, D., Tumma, L.R. Laboratory and analytical studies of the effects of multipulse lightning current on metal oxide arresters 68308
Darvish-Damavandy, S. *see* Nouri, H. 100406
Darvishzadeh, M. *see* Moazzam, M.R. 49650
Darwish, A.M. *see* Hall, K.L. 94538
Darwish, M.N., Shibib, M.A., Pinto, M.R., Titus, J.L. Single event gate rupture of power DMOS transistors 93435
Darwish, S. *see* Khalil, S.M. 71135
Darwish, S. *see* Riad, A.S. 90399
Daryanani, S. *see* Fathollahnejad, H. 72904
Daryoush, A.S. *see* Lin, J.Y. 74921
Daryoush, A.S. *see* Lin, J.Y. 86507
Daryoush, A.S. *see* Tsang-Der Ni 50835
Daryoush, A.S. *see* Tsang-Der Ni 83141
Daryoush, A.S. *see* Xuesong Zhou 91952
Daryoush, A.S. *see* Xuesong Zhou 92563
Darznek, S.A., Kotov, Yu.A., Mesyats, G.A., Rukin, S.N. SOS-effect: nanosecond interruption of superhigh-density currents in semiconductors 90285
Das, A., Chakraborti, A., Mukhopadhyay, A.K. Development of an on line microcomputer based energy saving scheme for variable and constant speed DC drives with PD and PID control 100818
Das, A., Mukhopadhyay, A.K. Microprocessor based maximum efficient running of a DC series motor 100155
Das, A., Mukhopadhyay, A.K. Characteristic-based proportional control of DC series motor using microprocessor 100819
Das, A., Rao, A.V., Gersho, A. Variable-dimension vector quantization of speech spectra for low-rate vocoders 57435
Das, A. *see* Javkin, H. 77078
Das, A. *see* Javkin, H. 98989
Das, A.K., Ganguly, A.K., Mondal, M.A., Paul, D.K. Temperature dependence of polymer waveguide directional coupler 66399
Das, A.K., Mondal, M.A. Precise control of the center wavelength and bandwidth of wavelength-selective single-mode fiber couplers 63385
Das, A.K., Mondal, M.A., Ganguly, A.K. Single mode thin film directional coupler 50535
Das, A.K., Mondal, M.A., Ganguly, A.K., Mukherjee, A., Paul, D.K. Coupling between SM fiber and polymeric planar thin film waveguide of different structures 56355
Das, A.L. *see* Das, B.N. 57155
Das, B. *see* Bandyopadhyay, S. 93520
Das, B.N., Das, A.L., Sinha, B.K. Analysis of TEM mode line excited by steady state and transient type current wave-forms 57155
Das, B.N., Vargheese, O.J. Analysis of dominant and higher order modes for transmission lines using parallel cylinders 57163
Das, B.N. *see* Sridevi, P.V. 73478
Das, C.R. *see* Boura, Y.M. 61454
Das, D. Wide band gap Si:H at low H-content prepared by interrupted grown and H-plasma treatment 54953
Das, D., Nagi, H.S., Kothari, D.P. Novel method for solving radial distribution networks 78069
Das, H.L. *see* Bhattacharjee, B. 88155
Das, I.J., Harrington, J.C., Akber, S.F., Tomer, A.F., Murray, J.C., Chee-Wai Cheng Dosimetric problems at low monitor unit settings for scanned and scattering foil electron beams 67651
Das, J. *see* De, A.K. 94835
Das, J.C. Reactive power flow control and compensation in the industrial distribution systems 53750
Das, K., Venkatesan, V., Humphreys, T.P. Ohmic contacts on diamond by B ion implantation and TiC-Au and $TaSi_2$-Au metallization 81340
Das, K. *see* Jainandunsing, K. 84161
Das, K.K., Arif, M., Haider, A.F.M.Y., Alam, M.S. An interferometric technique for measuring the refractive index profile of a graded index optical fiber 82596
Das, M., Li, C.C. Simple space-varying least square model for lossless medical image compression 57854
Das, M.B. *see* Jau-Wen Chen 50034
Das, M.B. *see* John, E. 61917
Das, M.B. *see* Kirtania, A.K. 55927
Das, M.B. *see* Seungmoo Choi 92516
Das, N.C., Nathan, V. Hot-carrier dependent radiation effects in p-channel metal oxide semiconductor field effect transistors 71639
Das, N.K. Rigorous analysis of an aperture-coupled microstrip antenna fed by a microstrip line on a perpendicular substrate 64233
Das, N.K. Two conductor-backed configurations of slotline or coplanar waveguide for elimination or suppression of the power-leakage problem 83786
Das, N.K. *see* Mohanty, A. 73508
Das, P. *see* Medley, M. 58298
Das, P.K. *see* Gupta, D. 53086
Das, R., Fekete, A. Modular reasoning about open systems: a case study of distributed commit 65310
Das, R., Ferrere, K., Macbeth, D.P. Global networks — the easy way 58029
Das, R.K., Julka, A., Modi, G. Commercial grade item (CGI) dedication of MDR relays for nuclear safety related applications 89484
Das, R.K., Julka, A., Modi, G. Commercial grade item (CGI) dedication of MDR relays for nuclear safety related applications 99882
Das, R.K., Julka, A.K. Selection of setpoint for the degraded voltage relays at commercial nuclear power plants 68285
Das, S., Bakis, R., Nadas, A., Nahamoo, D., Picheny, M. Influence of background noise and microphone on the performance of the IBM Tangora speech recognition system 73848
Das, S., Lahiri, S.K. A large-bias conduction model of polycrystalline silicon films 49758
Das, S., Lahiri, S.K. Electrical trimming of ion-beam-sputtered polysilicon resistors by high current pulses 81406
Das, S. *see* Bhanu, B. 74299
Das, S. *see* Bhar, G.C. 63928
Das, S. *see* Oleson, J. 79015
Das, S. *see* Ray, S.K. 71261
Das, S.K. Some experiments with a supervised classification procedure 64374
Das, S.K., Bohn, P.P., Ocenasek, J. Simultaneous transmission of CATV and baseband DS1 data using a single laser source 52712
Das, S.K. *see* Chakrabarti, P. 94286
Das, S.K. *see* Morris, G.C. 100504
Das, S.P. *see* Chakraborty, C. 68603
Das, S.R., Fujimoto, R.M. An adaptive memory management protocol for Time Warp parallel simulation 85299
Das, S.R. *see* Zahra, S.A. 60842
Das, T.K., Bhar, G.C. Phase-conjugate bistability and multistability in moving-grating operated orthogonally polarized pump four-wave mixing in photorefractives 94613
Das, Y. *see* McFee, J.E. 87349
Das Gupta, C. Perspective power planning for Eastern region 68163
das Neves, S., De Paoli, M.-A. Monitoring the organic cleaning process of InP crystals by contact-angle measurement 81534
Das-Gupta, D.K. Polyethylene: structure, morphology, molecular motion and dielectric behavior 61431
Das-Gupta, D.K., Zhang Shuren Non-polar polymer/ferro and antiferroelectric ceramic composite films for high energy storage capacitors 56148
Dasal, K., Dobrzanska, I. General formula of the step-by-step extrapolation of a random vector and its application in the load demand prediction 53587
Dasarathy, B.V. Recursive strategies for decision fusion in imperfect multisensor environments. II. Fusion benefits 74148
Dasarathy, B.V. Recursive strategies for decision fusion in imperfect multisensor environments. II. Relative assessments 74149
D'Asaro, L.A. *see* Lentine, A.L. 56420
D'Asaro, L.A. *see* Lentine, A.L. 86022
D'Asaro, L.A. *see* Woodward, T.K. 63617
Dasbach, D., Fleck, R., Kiehlmann, D., Peiniger, M., Vogel, H. Industrial fabrication of superconducting accelerators 67148
Dascalaki, E. *see* Santamouris, M. 69032
Dascalescu, L. Movements of conductive particles in a high tension separator for granular materials 57057
Dascalescu, L., Mizuno, A., Tobazeon, R., Atten, P., Morar, R., Iuga, A., Mihailescu, M., Samuila, A. Charges and forces on conductive

particles in roll-type corona-electrostatic separators 64105
Dascalescu, L., Morar, R., Iuga, A., Samuila, A., Neamtu, V., Suarasan, I. Charging of particulates in the corona field of roll-type electroseparators 64109
Dascalescu, L., Samuila, A., Iuga, A., Morar, R., Csorvasy, I. Influence of material superficial moisture on insulation-metal electroseparation 73238
Dascalescu, L. *see* Mizuno, A. 68420
Dascalos, C.M. *see* Loose, D.R. 59655
Dascelescu, L. *see* Mizuno, A. 64084
Daschbach, J.L. *see* Fischer, P.R. 93065
Dasgupta, A., Alghamdi, A.A. Transient response of an adaptive beam with embedded piezoelectric microactuators 82201
Dasgupta, A., Koren, I. An algorithm for area and delay optimisation of sequential machines through decomposition 49074
Dasgupta, A. *see* Junhui Li 60956
Dasgupta, A. *see* Kannan, K.S. 82302
Dasgupta, A. *see* Mathieu, B. 69563
Dasgupta, D., McGregor, D.R. Thermal unit commitment using genetic algorithms 99916
DasGupta, K. NiKα_1 X-ray laser 82894
Dasgupta, K., Lindinger, M., Becker, St., Kluge, H.-J. Nonlinear optical effects and their suppression in large-core fiber-optic laser beam delivery systems for narrow-band pulsed dye lasers 72712
Dasgupta, K. *see* Singh, S. 72709
Dasgupta, K. *see* Thattey, S.S. 87573
Dasgupta, M.K. *see* Sen, A.K. 59547
Dasgupta, P. Resource location in very large networks 74928
Dasgupta, P.S. An empirical study of some branch and bound algorithms for the traveling salesman problem 61124
Dasgupta, S., Garnett, J.S., Johnson, C.R., Jr. Convergence of an adaptive filter with signed filtered error 57557
Dasgupta, S. *see* Mukherjee, S. 49171
Dasgupta, S. *see* Shrivastava, Y. 57377
Dash, G.N., Panda, A.K., Pati, S.P., Mishra, J.K. Phase distortion assisted MITATT design for compensation of performance deterioration due to tunnel current 55406
Dash, G.N., Pati, S.P. Computer-aided studies on the microwave characteristics of InP/GaInAs and GaAs/GaInAs heterostructure single-drift-region impact avalanche transit time diodes 80674
Dash, P.K., Liew, A.C., Routray, A. High-performance controllers for HVDC transmission links 89207
Dash, P.K., Panda, D.K. A software design for microcomputer based digital instrumentation scheme using a spectral observer 87014
Dasigi, V. An abductive view of high level speech recognition 57425
DaSilva, L.B. *see* Eder, D.C. 63677
DaSilva, V.M., Sousa, E.S. Multicarrier orthogonal CDMA signals for quasi-synchronous communication systems 74662
Dass, S. *see* Orvek, K. 71488
Dass, S.K. *see* Ferrari, J.J. 71423
Dassel, A.C.M. *see* Koelink, M.H. 76940
Dassel, A.C.M. *see* Koelink, M.H. 87551
d'Assuncao, A.G. *see* Dantas, E.J.A. 80614
d'Assuncao, A.G. *see* de Albuquerque, M.R.M.L. 83740
Dastur, A.R. *see* Meneley, D.A. 89534
Dasu, S. *see* Abe, K. 88115
Dasu, S. *see* Antilogus, P. 59064
Dasu, S. *see* Antilogus, P. 59127
Dat, R., Lichtenwalner, D.J., Auciello, O., Kingon, A.I. Polycrystalline $La_{0.5}Sr_{0.5}CoO_3/PbZr_{0.53}Ti_{0.47}O_3/La_{0.5}Sr_{0.5}CoO_3$ ferroelectric capacitors on platinized silicon with no polarization fatigue 56164
Datars, W.R. *see* Navarro, H. 94253
Datcu, M. *see* Holecz, F. 77499
Date, M. *see* Nagashima, N. 86839
Date, M. *see* Nakagawa, K. 93670
Date, M. *see* Takeuchi, T. 87446
Date, M. *see* Takeuchi, T. 87447
Date, M. *see* Yamada, T. 78557
Date, M. *see* Yamagishi, A. 87449
Date, S. *see* Suto, H. 50108
Datong Chen *see* Wenshen Wang 72451
Datskov, V. *see* Anishchenko, N. 94012
Datskov, V.I., Weisend, J.G., II Characteristics of Russian carbon resistance (TVO) cryogenic thermometers 97966
Datta, A., Parui, S.K. A robust parallel thinning algorithm for binary images 84633
Datta, A.K., Seth, M. Cellular processing for edge detection in an optical shadow casted architecture 74578
Datta, A.K. *see* Flatebo, M. 65296
Datta, A.K. *see* Pal, R.K. 70251
Datta, A.K. *see* Ray, A. 73803
Datta, A.K. *see* Sen, A.K. 59547
Datta, K.B. *see* Srichander, R. 69035
Datta, P.K., Kumar, A., Nijhawan, O.P., Poddar, D.R. Range estimation of thermal imaging system from MRTD and MTF measurement 76081
Datta, P.K. *see* Bhar, G.C. 63928
Datta, P.K. *see* Bhar, G.C. 63947
Datta, R.K. *see* Shea, L.E. 72582
Datta, S. *see* Klimeck, G. 93018
Datta, S.K., Mukhopadhyay, K., Kumar Pal, P., Saha, H. Analysis of thin silicon solar cells for high efficiency 90385
Datta Gupta, J. *see* Basu, S.K. 79522
Datta Gupta, R. *see* Basu, S.K. 79522
Dattatreya, G.R., Xiaori Fang Parameter estimation and applications of a class of Gaussian image models 57815
Dattatreyan, C. *see* Prasad, K.R. 86491
Datte, P., Aiello, R., Hayworth, M., Johnson, R., Jones, A., McClure, S., Mills, M., Martin, D., Ringwall, A., Webber, R., Yao, C. SSCL RFQ-DTL matching section instrumentation 98455
Datte, P., Jamieson, G., Aiello, R., Beechy, D., Jones, A., Martin, D., Riordon, J., Webber, R., Wood, F. Beam instrumentation for the SSC RFQ 76438
Datte, P. *see* Arbique, G. 76524
Datte, P. *see* Haworth, M. 76408
Datte, P. *see* Hebert, J.E. 76607
Dattoli, G., Fatz, B., Giannessi, L., Ottaviani, P.L. Analysis of free-electron-laser-saturated behavior using one- and three-dimensional models 83183
Dattoli, G., Gallardo, J.C., Ottaviani, P.L. Free-electron laser intracavity light as a source of hard X-ray production by Compton backscattering 83180
Dattoli, G., Galli, M., Giannessi, L., Ottaviani, P.L., Torre, A. Saturation dynamics in FEL and optical-klystron FEL devices 72929
Dattoli, G., Giannessi, L., Ottaviani, P.L., Torre, A. Parametrization of the electron beam induced energy spread in free electron laser dynamics 72932
Dattoli, G. *see* Ciocci, F. 67038
Dau Thi Thuy Lan, Michel, B. Inverse scattering in microwaves: maximum entropy method for electromagnetic imaging 73301
Daub, K. *see* Schilling, M. 56786
Dauber, E. *see* O'Brien, L. 93884
Daubie, E. *see* Alunni, L. 88010
Daubigne, A.Y.M. *see* Grieshaber, W. 81268
Daucher, N., Dhome, M., Lapreste, J.T. Camera calibration from spheres and grid images 66097
Daucher, N. *see* Braud, P. 84712
Daud, A., Kitagawa, M., Takeshima, H., Futaki, H., Tanaka, S., Kobayashi, H. Effect of Pr impurity on blue Tm^{3+} luminescence in Y_2O_2S phosphor 56529
Daudelin, A.N. *see* Benimoff, N.I. 85556
Daudon, F. *see* Ariztizabal, F. 98518
Daugherty, H.H. Application of on-site generation as a demand side management strategy 68040
Daugherty, J., Hyman, H., McCoy, J.G., Cason, C.M., DeSandre, L.F., Pardue, A., Jr., Jones, W. Raid optical beam steering sensor suite for tactical weapon tracking applications 99396
Daugherty, J. *see* Bachenko, J. 53475
Daugherty, M.A. *see* Niemann, R.C. 82453
Daughton, J.M. Weakly coupled GMR sandwiches 72195
Daum, F. Super noncoherent integration 75525
Daum, F.E. *see* Odom, D.B. 65913
Daum, M. *see* Seshadri, K. 67436
Daum, P., Beyer, J., Kohler, T.F.W. Aided Inertial LAnd NAvigation system (ILANA) with a minimum set of inertial sensors 65960
Daum, W., Burdick, W.E., Jr. Minimal IC pretest requirements for multichip modules 79326
Daume, J.F. *see* McElray, J.L. 78228
Dauphin, G. *see* Chipaux, R. 67300
D'Auria, F. *see* Belsito, S. 60072
D'Auria, G. *see* Massarotti, A. 66817
D'Auria, J.M. An overview of radioactive beam concepts 76721
D'Auria, S. *see* Beaumont, S.P. 88037
D'Auria, S. *see* Nava, F. 98507
Dausch, D.E., Haertling, G.H. Bulk vs. thin film PLZT ferroelectrics 56117
Dausmann, G. *see* Yang, Z. 56953
Dautain, M. *see* Kaczmarek, R. 63197
Dautartas, M.F. *see* Coucoulas, A. 94127
Dautartre, D. *see* Giroult-Matlakowski, G. 62701
Dautov, R.S. *see* Galyatdinov, R.S. 56399
Dautriche, P. *see* Robin, P. 75970
Dauvergne, F. *see* Gabriel, A. 98525
Dauvergne, J.-P. *see* Delikaris, D. 76646
Davari, B., Hovel, H.J., Shahidi, G.G. SOI technology outlook for sub-0.25 μm CMOS, challenges and opportunities 93635
Davari, B. *see* Koburger, C. 70397
Davari, B. *see* Sadana, D.K. 62845
Davari, B. *see* Shahidi, G.G. 71790
Davari, B. *see* Shahidi, G.G. 71797
Davari, B. *see* Shahidi, G.G. 92195
Davari, B. *see* Subbanna, S. 92190
Davarian, F. Earth-satellite propagation research 51102
Davarian, F. An update on NASA K_a-band propagation measurements 64155
Davarian, F. *see* Henning, R.E. 75363
Davat, B. *see* Bouzekri, H. 89857
Davat, B. *see* Lott, C. 90124
Davat, B. *see* Xu, J.H. 90115
Davat, B. *see* Yao, Z. 59760
Davatzikos, C., Prince, J.L. Adaptive active contour algorithms for extracting and mapping thick curves 96029
Dave, M.P., Kumar, N. Series compensated EHV AC lines incorporating static VAR systems. a performance evaluation 77921
Dave, M.P., Kumar, N. Control of static VAR system to improve the dynamic performance of long transmission lines 77922
Dave, M.P., Kumar, N. Dynamic performance of a long transmission line incorporating static VAr system 77923
Dave, R.N., Tianxiong Fu Robust shape detection using fuzzy clustering: practical applications 84909
Daveau, C. *see* Bandelier, B. 83479
Davee, H. *see* Ling, C.C. 58681
Davenport, B.A., Chandler, R.M. A dynamically configured V.32bis automode modem on the Mwave system 75135
Davenport, M. *see* von Apeldoorn, G. 88116
Davey, A.B. *see* Crossland, W.A. 72470
Davey, A.P. *see* Page, H. 56867
Davey, K.R. The finite difference method in magnetic field problems 73202
Davey, K.R. Degaussing with BEM and MFS 83709
Davey, K.R., Luo, L. Calculation of induced electric fields by duality 88523
Davey, S.T., Szebesta, D., Wyatt, R. Properties of novel glasses for the optimisation of Pr-doped fluoride fibre amplifiers 56725
Davey, S.T. *see* Lauder, R.D.T. 72782
Davey, S.T. *see* Tropper, A.C. 56699
Davey, S.T. *see* Wyatt, R. 56727
David, A.K., Li, Y.Z. Energy pricing and penalties with contract suppliers 59831
David, A.K. *see* Cheng, F.C. 59742
David, A.K. *see* Fang Da-Zhong 77848
David, A.K. *see* Li, Y.Z. 59772
David, A.K. *see* Li, Y.Z. 89184
David, A.K. *see* To, K.W.V. 78061
David, A.K. *see* To, K.W.V. 99650
David, A.K. *see* Wong, K.P. 77902
David, B. *see* Grundler, D. 82398
David, B.R., Grundler, D., Eckart, R., Fanghanel, K., Krumme, J.P., Doormann, V., Dossel, O. A multi-layer process for the fabrication of HTSC flux transformers and SQUIDS 56281
David, D. *see* Barak, J. 70379
David, E., Reissenweber, J., Peier, D. The effects of electric, magnetic and electromagnetic fields on humans 98995
David, E. *see* Hamann, N.H. 67312
David, F., Eul, H.J., Metzner, N. Efficient access for tomorrow's mobile communications 86111
David, G., Hershcovitch, A., Stoll, S., Woody, C., Braun-Munzinger, P., Hutter, R., Stachel, J., Zou, C.-M., Horwitz, N., Sobolewski, Z. Prototype tests of a high resolution electromagnetic calorimeter using undoped cesium iodide crystals 87983
David, G. *see* Mertin, W. 80804
David, I. *see* Fomichev, A.S. 53328
David, J. *see* Alippi, C. 53346
David, J. *see* Dell'Acqua, A. 87955
David, J. *see* Dell'Acqua, A. 98680
David, J. *see* Morin, J. 71577
David, J.P., Duveau, J., Guerin, J., Michel, A. Electrical and thermal testing and modelling of breakdown in space solar cells and generators 100745
David, J.P., Mondot, E., Villard, L. A detailed hardness evaluation of HCMOS devices 70356
David, J.P. *see* Mondot, E. 70367
David, J.P.R., Grey, R., Rees, G.J., Pabla, A.S., Sale, T.E., Woodhead, J., Sanchez-Rojas, J.L., Pate, M.A., Hill, G., Robson, P.N., Hogg, R.A., Fisher, T.A., Skolnick, M.S., Whittaker, D.M., Willcox, A.R.K., Mowbray, D.J. Growth and characterization of(111)B InGaAs/GaAs multi-quantum well PIN diode structures 93314
David, J.P.R., Hopkinson, M., Ghin, R., Pate, M.A. Reverse breakdown characteristics in InGa(Al)P/InGaP p-i-n junctions 55639
David, J.P.R., Hopkinson, M., Pate, M.A. Avalanche breakdown in $(Al_xGa_{1x})_{0.52}In_{0.48}P$ pin junctions 55890
David, J.P.R. *see* Hopkinson, M. 55642
David, J.P.R. *see* Mowbray, D.J. 69981
David, J.P.R. *see* Pabla, A.S. 82720
David, J.P.R. *see* Pabla, A.S. 94177
David, J.P.R. *see* Woodhead, J. 71717
David, M. *see* Ariztizabal, F. 98518
David, O. *see* Hofmann, D. 75850
David, P.A., Foray, D. Percolation structures, Markov random fields and the economics of EDI standards diffusion 96603
David, R., Stoppmanns, P., Yu, S.-W., Kuntze, R., Muller, N., Heinzmann, U. Circularly polarized undulator radiation from the new double crossed undulator beamline at BESSY and its first use for spin resolved Auger electron emission spectroscopy 53105
David, R. *see* Crepaux, S. 49396
David, T. *see* Gimzewski, J.K. 70101
David Shu *see* Shu David

Davide, F.A.M., Di Natale, C., D'Amico, A. Self-organizing multisensor systems for odour classification: internal categorization, adaptation and drift rejection 58881
Davide, F.A.M. *see* Di Natale, C. 66564
Davide, F.A.M. *see* Di Natale, C. 98159
Davidenko, I.I., Kovalenko, V.F. Magnetooptical analysis of magnetization distribution in magnetic recording media 63242
Davidge, T. *see* Murowinski, R. 58856
Davidheiser, R.A. *see* Yokoyama, K. 97218
Davidovich, L. *see* Dutra, S.M. 50718
Davidovich, M.A., Gornsztejn, T. Impurity effects on resonant tunneling diodes 81800
Davidovich, M.V. Improvement of the mode self-filtering in hollow waveguides with a multilayer magnetodielectric coating 94926
Davidovitz, M. *see* Crawford, D. 70845
Davids, C.N. Computer control of the fragment mass analyzer at ATLAS 67393
Davids, P., Meuser, T., Spaniol, O. FDDI: status and perspectives 52169
Davidse, J. *see* Serdijn, W.A. 88549
Davidsen, R.E., Smith, S.W. Sparse geometries for two-dimensional array transducers in volumetric imaging 98783
Davidson, A., Compton, R.C., Wise, F., Mars, D., Miller, J. Femtosecond relaxation of minority electrons in heavily carbon-doped GaAs 81222
Davidson, A., Talvacchio, J., Forrester, M.G., Gavaler, J.R. High T_c materials expand superconductive circuit applications 55386
Davidson, A. *see* Forrester, M.G. 82396
Davidson, A. *see* Holm, J. 56270
Davidson, A.D. *see* Sheikh, J.Y. 66822
Davidson, C.C. *see* Brough, C.A. 99652
Davidson, D.B., Ziolkowski, R.W., Judkins, J.B. FDTD modelling of 3D optical pulse propagation in linear and nonlinear materials 50444
Davidson, D.B. *see* Meyer, F.J.C. 51086
Davidson, D.B. *see* Meyer, F.J.C. 61204
Davidson, D.B. *see* Meyer, F.J.C. 77084
Davidson, E.E. Applications and design techniques for MCMs 48678
Davidson, F., Chen-Chia Wang, Trivedi, S. Optical phase-lock loops with photoconductive semiconductor phase detectors 63713
Davidson, F., Wang, C.-C., Trivedi, S. Electron-hole competition effects in photocurrents generated by moving space charge fields in photoconductive semiconductors with deep level traps 94254
Davidson, F.M., Field, C.T. Coherent homodyne optical communication receivers with photorefractive optical beam combiners 65828
Davidson, F.M., Field, C.T. Coherent homodyne optical communication receivers with photorefractive optical beam combiners 75472
Davidson, G.W., Cumming, I.G., Ito, M.R. An approach for improved processing in squint mode SAR 77620
Davidson, H. *see* Eichelberger, C.W. 54510
Davidson, J. *see* Lavoie, M. 88955
Davidson, J. *see* Qin Zhou 59787
Davidson, J.H. *see* Dorsey, J.A. 57059
Davidson, J.H. *see* McKinney, P.J. 64107
Davidson, J.L., John, P., Roberts, P.G., Jubber, M.G., Wilson, J.I.B. Surface phosphidation of GaAs by the laser-induced dissociation of trimethylphosphine 81505
Davidson, J.L. *see* Kang, W.P. 76110
Davidson, J.L. *see* Srivastava, R. 85112
Davidson, K. *see* Onstott, R.G. 77438
Davidson, K. *see* Shuchman, R. 77349
Davidson, K.L., Frederickson, P.A., Onstott, R.G. Shipboard studies of L-, C-, and X-band backscatter and surface wind forcing during NORCSEX'91 77533
Davidson, K.L. *see* Weissman, D.E. 67847
Davidson, L.S., Kowalczyk, R.M. Microcontroller technology enhancements to meet ever-increasing engine control requirements 78975
Davidson, M. *see* Monahan, K.M. 87525
Davidson, M.E. *see* Jonassen, D.H. 69427
Davidson, P.A. Pressure forces in the MHD propulsion of submersibles 100902
Davidson, R., O'Brien, P. Service provisioning in a multi-provider environment 96367
Davidson, R. *see* Lecot, C. 52937
Davidson, S. *see* Chakraborty, T.J. 62936
Davidson, S. *see* Crane, F.E., III 62935
Davidsson, P., Delsing, P., Jonson, B., Kroc, R., Lindroos, M., Norrman, S., Nyman, G., Oberstedt, A., Qutaishat, S. Silicon thermal detectors for single quanta of radiation: fabrication, statistical fluctuations of phonons, physical properties and operation 98546
Davidsson, P. *see* Delsing, P. 53072
Davie, I. Understanding semiconductor motor starters 54017
Davie, J.R. *see* Young, L.W., Jr. 89644
Daviel, A. A 30 MHz FASTBUS transient digitizer data compactor using CMOS gate arrays 59189
Davies, A., Craighead, H.G. Ballistic-electron-emission microscopy characteristics of reverse-biased Schottky diodes 55884
Davies, A. *see* Mastichiadis, T. 96665
Davies, A.G. *see* Clark, R.G. 83571
Davies, B. *see* Van Woerden, J.A. 98990
Davies, B.L. *see* Potamianos, P. 98928
Davies, C. *see* Blakemore, F.B. 59855
Davies, C. *see* Blakemore, F.B. 59856
Davies, C.E., Harris, B. The slot flow meter: a new approach to the measurement of the flowrate of particulate solids 66760
Davies, D. Defence research: duel use or dual use technology? 90864
Davies, D.A.O. Optical switching in InGaAsP amplifiers 56789
Davies, D.A.O., Fisher, M.A., Mudhar, P.S., Mace, D.A.H., Perrin, S.D., Adams, M.J. Integrated lossless InGaAsP/InP 1-to-4 optical switch 65540
Davies, D.A.O. *see* Day, I.E. 63997
Davies, D.A.O. *see* Ellis, A.D. 65811
Davies, D.A.O. *see* Manning, R.J. 56776
Davies, D.A.O. *see* Manning, R.J. 64787
Davies, D.A.O. *see* Manning, R.J. 72903
Davies, D.G. Linking engineering design and industrial design within an HND course 54468
Davies, D.W. New information on the history of the Siemens and Halske T52 cipher machines 57388
Davies, F.W. *see* Reed, R.P. 87112
Davies, G.J., Skevington, P.J., Foord, J.S., French, C.L., Levoguer, C.L. Selective area growth of III-V semiconductors by chemical beam epitaxy: study of reaction mechanisms 91511
Davies, G.J. *see* Brown, P.D. 79830
Davies, G.J. *see* Brown, P.D. 81313
Davies, G.J. *see* Spooner, N.J.C. 59151
Davies, H. DANTE's plans for high speed services 85736
Davies, H.A. *see* Al-Khafaji, M.A. 82260
Davies, H.A. *see* Leonowicz, M. 50190
Davies, H.A. *see* Leonowicz, M. 71948
Davies, H.A. *see* Manaf, A. 50212
Davies, H.A. *see* Wyslocki, J.J. 50194
Davies, H.E. COSINE and the future of European research networking 58180
Davies, I.G.A. *see* Thornton, K.E.B. 50846
Davies, J. *see* Astley, S. 59271
Davies, J. *see* Da Via, C. 53348
Davies, J. *see* Napier, I. 60826
Davies, J.B. Uniform and non-uniform mesh in finite element analysis 73269
Davies, J.B., Silvester, P.P. Finite elements in electromagnetics: a jubilee review 73200
Davies, J.B. *see* Cvetovic, S.R. 72387
Davies, J.B. *see* Nayak, O.B. 89198
Davies, J.B. *see* Nayak, O.B. 99647
Davies, J.J. *see* Dhese, K.A. 70138
Davies, J.K. *see* Cesarsky, C.J. 52955
Davies, K. *see* Goutzoulis, A. 95030
Davies, M. Vessel annealing: will it become a routine procedure? 60061
Davies, M. *see* Lohan, J. 91079
Davies, M. *see* Sudersena Rao, T. 72895
Davies, M. *see* Zhan-Ming Li 63783
Davies, M.R., Reisman, S.S. Time frequency analysis of the electromyogram during fatigue 67546
Davies, N., McCormick, M. Three dimensional optical transmission and micro optical elements 50562
Davies, N., Pink, S., Blair, G.S. Services to support distributed applications in a mobile environment 75241
Davies, N. *see* Adcock, P. 85801
Davies, N. *see* Cheverst, K. 52107
Davies, N. *see* McCormick, M. 97625
Davies, N.C. *see* Arthur, P.C. 99174
Davies, N.J., Napier, I. New directions in investment appraisal 96342
Davies, O., Deedy, S. Networking 68861
Davies, O. *see* Weil, M. 65578
Davies, P. *see* Kompella, M.S. 98378
Davies, P.A., Luque, A. Solar thermophotovoltaics: brief review and a new look 69007
Davies, P.A. *see* Lima, C.R. 50865
Davies, P.A. *see* Lima, C.R. 65797
Davies, P.A. *see* Lima, C.R. 72893
Davies, P.A. *see* Marti, A. 100518
Davies, P.A. *see* Razzooqi, K.A.R. 81966
Davies, P.J., Duncan, D.B. Time-marching numerical schemes for the electric field integral equation on a straight thin wire 69884
Davies, P.J., Stettler, U. Implementing a co-deployed fibre-in-the-loop trial with the PTT Telecom at Les Planchettes (NE), Switzerland 52527
Davies, R., Carvalho, F.D., Correia, B.B., Dinis, J. An application of machine vision for automating the manufacture of cork stoppers 85185
Davies, R.L., Barton, M.H., Munro, A. Performance of a high speed wireless LAN using CSMA 65245
Davies, R.L. *see* Munro, A. 65599
Davies, S.R. *see* Claude, S.M.X. 93951
Davies, S.R. *see* Little, L.T. 61871
Davies, T., Xu Kun, Luxmoore, A.R. Digital measurement of surface profiles by automated optical sectioning 66678
Davies, T. *see* Dababneh, M.I.S. 52395
Davies, W.G., Lee-Whiting, G.E., Douglas, S.R., Pusch, G.D. Three-dimensional analytic model of the magnetic field for the Chalk River superconducting cyclotron 87677
Davies, W.G. *see* Lee-Whiting, G.E. 87616
Davila, A., Kerr, D., Kaufmann, G.H. Digital processing of electronic speckle pattern interferometry addition fringes 83369
Davila, C.E. An algorithm for efficient, unbiased, equation-error infinite impulse response adaptive filtering 64439
Davila, C.E. Total least squares system identification and frequency estimation for overdetermined model orders 84515
Davila, C.E., Abaye, A., Khotanzad, A. Estimation of single sweep steady-state visual evoked potentials by adaptive line enhancement 59387
Davis, A.M.J., Scharstein, R.W. Electromagnetic plane wave excitation of an open-ended conducting frustum 73410
Davis, A.W. DSP's, multimedia, & videoconferencing 70662
Davis, B. Economic modeling of board test strategies 81029
Davis, C. *see* Crandell, T. 54415
Davis, C. *see* Moslehi, M. 93626
Davis, C. *see* Moslehi, M.M. 71800
Davis, C. *see* Moslehi, M.M. 90920
Davis, C.A., McKenzie, D.R., Yin, Y., Kravtchinskaia, E., Amaratunga, G.A.J., Veerasamy, V.S. Substitutional nitrogen doping of tetrahedral amorphous carbon 62411
Davis, C.A., Veerasamy, V.S., Amaratunga, G.A.J., Milne, W.I., McKenzie, D.R. Properties of tetrahedral amorphous carbon films deposited in a filtered cathodic arc in the presence of hydrogen 61390
Davis, C.A. *see* McKenzie, D.R. 70083
Davis, C.E. *see* Dudor, J.S. 60634
Davis, C.E. *see* Dunki-Jacobs, J.R. 59894
Davis, C.H. Synthesis of passive microwave and radar altimeter data for estimating accumulation rates of polar snow 77511
Davis, C.H. The effect of sub-surface volume scattering on the accuracy of ice-sheet altimeter retracking algorithms 77527
Davis, C.R. *see* Grzybowski, S. 89260
Davis, D.B. Electronic toll collection and traffic management technologies 78958
Davis, D.M. Social impact of cellular telephone usage in Hawaii 97084
Davis, E. *see* Dimolitsas, S. 85617
Davis, E.A. *see* Paciotti, M.A. 76401
Davis, E.G. *see* Arnold, J.M. 61765
Davis, F.Y. *see* Wu, S.Y. 71897
Davis, G., Mallat, S., Zhang, Z. Adaptive time-frequency decompositions with matching pursuit 57590
Davis, G., Mallat, S., Zhifeng Zhang Adaptive time-frequency decompositions 74046
Davis, G. *see* Kallman, K. 97039
Davis, G. *see* Rasmussen, D. 95079
Davis, G.R. The effect of linear interpolation of the filtered projections on image noise in X-ray computed tomography 98814
Davis, G.R., Furniss, I., Towlson, W.A., Emery, R.J., Glencross, W.M., Naylor, D.A., Patrick, T.J., Sidey, R.C., Swinyard, B.M. Cryogenic scanning Fabry-Perot interferometers for the ISO long wavelength spectrometer 58788
Davis, G.R. *see* Elliott, J.C. 67483
Davis, H.R. *see* Fostiak, R.J. 60129
Davis, J., Shah, M. Visual gesture recognition 51551
Davis, J.A., Cottrell, D.M., Maley, C.A., Crivello, M.R. Subdiffraction-limited focusing lens 72487
Davis, J.A., Pearce, P.R., Kirchner, D., Ressler, H., Hetzel, P., Soering, A., de Jong, G., Baumont, F., Veenstra, L. European two-way satellite time transfer experiments using the Intelsat (VA-F13) satellite at 307°E 86907
Davis, J.H. *see* Mayer, C.E. 58533
Davis, J.L., Smith, T.W. Computer-assisted distance learning. I. Audiographic teleconferencing, interactive satellite broadcasts, and technical Japanese instruction from the University of Wisconsin-Madison 60790
Davis, J.M. *see* Kelly, R.J. 88654
Davis, J.R. *see* Grant, J.A. 88374
Davis, J.T., Bryant, R.A. NEMA induction motor vibration measurement: a comparison of methods with analysis 60650
Davis, J.W. Power electronics in computing: from notebooks to workstations 55132
Davis, K. *see* Dowell, D. 76384
Davis, K.C. *see* Wilson, B.W. 98994
Davis, L., Orvosh, D., Cox, A., Qiu, Y. A genetic algorithm for survivable network design 58077
Davis, L., Sun, H.C., Yoon, H., Bhattacharya, P.K. Small-signal modulation and temperature dependence of the tunneling injection laser 63827
Davis, L. *see* Orvosh, D. 91320
Davis, L. *see* Rosenblum, M. 96064
Davis, L. *see* Yacoob, Y. 96039
Davis, L. *see* Yoon, H. 63842
Davis, L.E., Sloan, R. Predicted performance of semiconductor junction circulators with losses 49621
Davis, L.E. *see* Abbas, F. 70854
Davis, L.E. *see* Abbas, F. 80592
Davis, L.E. *see* Amaut, L.R. 83799
Davis, L.E. *see* Baggaley, A. 56904
Davis, L.E. *see* Zhipeng Wu 87423

Davis, L.S. *see* Lin, C.L. 74606
Davis, L.S. *see* Oberkampf, D. 96045
Davis, L.S. *see* Yacoob, Y. 95743
Davis, M., Liu, L., Elias, J.G. VLSI circuit synthesis using a parallel genetic algorithm 91794
Davis, M. *see* Monk, A.M. 75178
Davis, M. *see* Monk, A.M. 75200
Davis, M.A. Demodulator for fiber optic Bragg grating sensors based on fibre wavelength division couplers 98055
Davis, M.A., Kersey, A.D. Scheme for negating the SBS power limit in remotely interrogated interferometric fiber sensor arrays 52895
Davis, M.A., Kersey, A.D., Sirkis, J., Friebele, E.J. Fiber optic Bragg grating array for shape and vibration mode sensing 98056
Davis, M.A. *see* Kersey, A.D. 87207
Davis, M.F. *see* Miller, J.H., Jr. 72225
Davis, M.F. *see* Miller, J.H., Jr. 93939
Davis, M.K., Digonnet, M.J.F., Sadowski, R.W., Pantell, R.H. Novel techniques to characterize clustering in Nd-doped fibers 56909
Davis, M.R., Wang, D. Dual pressure drop metering of gas-liquid mixture flows 98366
Davis, N.J., IV. *see* Schaubach, K.R. 97069
Davis, P., Hairapetian, G., Clayton, C., Joshi, C., Hartman, S., Park, S., Pellegrini, C., Rosenzweig, J. Quantum efficiency measurements of a copper photocathode in an RF electron gun 76744
Davis, P. *see* Aida, T. 49197
Davis, P. *see* Dhawan, R.K. 68691
Davis, P. *see* Hairapetian, G. 76749
Davis, P. *see* Hartman, S.C. 66998
Davis, P. *see* Pellegrini, C. 76425
Davis, P.R. *see* Hartman, R.L. 62054
Davis, P.R. *see* Mackie, W.A. 62052
Davis, R., Zisk, S., Simpson, M., Edwards, M., Shor, A., Halter, E. Hawaii Mapping Research Group bathymetric and sidescan data processing 99144
Davis, R. *see* Arato, P. 61617
Davis, R. *see* Masi, J. *(editor)* 54323
Davis, R.A. Idempotent computation over finite fields 69806
Davis, R.F., Lane, G. A measurement system for HF broadcast coverage 86653
Davis, R.F. *see* Baumann, P.K. 81337
Davis, R.F. *see* Benjamin, M.C. 62253
Davis, R.F. *see* Sitar, Z. 69945
Davis, R.J. *see* Tiwari, S. 63858
Davis, R.J. *see* Tiwari, S. 72791
Davis, R.M. *see* Ray, W.F. 87412
Davis, R.S. *see* Baggs, R. 76791
Davis, S.P. *see* Fischer, W. 74985
Davis, T. *see* Swenson, H.N. 67685
Davis, T.J. *see* Kuang, E. 76846
Davis, T.J. *see* Schachter, L. 76638
Davis, W. *see* Von Goeler, S. 59246
Davis, W.A. *see* Namboodri, S.L. 53040
Davis, W.F. *see* Brooks, B.O. 54426
Davison, J. How device technology affects radiated EMI 94884
Davison, J., Schroeder, J.B. Federal research and development activities in autonomous landing and guidance systems 77174
Davison, J.L. On the linear diophantine problem of Frobenius 79590
Davison, R.G. *see* Large, M.I. 86637
Davisson, L.D. *see* Kwan-Cheng Chen 95593
Davisson, L.D. *see* Kwang-Cheng Chen 95592
Davisson, R. *see* Zhao, T. 59125
Davletshin, A.E. *see* Arbuzov, V.L. 70132
Davoli, M. *see* De Munari, I. 50095
Davoudian, K., Jya-Syin Wu, Apostolakis, G. Incorporating organizational factors into risk assessment through the analysis of work processes 89446
Davoudian, K., Jya-Syin Wu, Apostolakis, G. The work process analysis model (WPAM) 89447
Davydov, A.A., Drozhzhina-Labvinskaya, A.Yu. Constructions, families, and tables of binary linear covering codes 95122
Davydov, I. *see* Nikulin, A. 82452
Davydov, N.I. *see* Kadnikov, B.L. 99939
Davydov, N.I. *see* Leizerovich, A.Sh. 53933
Davydov, S.P. *see* Vikulov, O.V. 86539
Davydov, S.V. *see* Gribkovskii, V.P. 63763
Davydov, V.N., Aleksandrov, V.Yu. Precision movement table for vacuum facilities 93272
Daw, A.N. *see* Basu, S. 81841
Dawalibi, F. *see* Selby, A. 68263
Dawalibi, F.P., Xiong, W. Transient performance of substation structures and associated grounding systems 68917
Dawalibi, F.P. *see* Southey, R.D. 68265
Dawalibi, F.P. *see* Xiong, W. 78763
Dawande, M.S., Dubey, G.K. Programmable input power factor correction method for switch mode rectifiers 54088
Dawe, B.J. *see* Gill, E.W. 77540
Dawe, G. *see* Kermarrec, C. 81843
Dawe, G. *see* Kermarrec, C. 92616
Dawe, G. *see* Khabbaz, B. 86221
Dawei Gong *see* Chi Sheng 62436
Dawei Gong *see* Gong Dawei
Dawen Wang, Liming Tsau, Wang, K.L. Nanometer-structure writing on Si(100) surfaces using a non-contact-mode atomic force microscope 81507
Dawen Wang, Yanqiu Liu, Guangzhi Xu, Chunli Bai Scanning tunneling microscopy study of ZnS particles generated from a controlled chemical reaction 62177
Dawen Wang *see* Liming Tsau 49886
Dawes, M.L., Dickinson, J.T., Jensen, L.C., Langford, S.C. Structures obtained from resolidification of flame-melted single-crystal germanium 91413
Dawes, T. *see* Bousse, L. 98738
Dawid, Z., Pilch, Z., Winkler, W. Improved generator-transformer protection performance through adaptive relaying 78566
Dawn, T. Go anywhere analysers create new ways of working 59605
Dawn, T. Working on a neat meter 68333
Dawn, T. The halogens fight back 70964
Dawn, T. Sonar helps windpower tackle tonal noise 78525
Dawn, T. Are your cells past their sell-by date 78784
Dawson, C.W., Dawson, R.J. Clarification of node representation in generalized activity networks for practical project management 54416
Dawson, D., Qu, Z., Hu, J. Robust tracking control of an induction motor 60208
Dawson, D. *see* Ali, F. 80792
Dawson, D. *see* Salib, M. 92520
Dawson, D.M., Carroll, J.J., Schneider, M. Integrator backstepping control of a brush DC motor turning a robotic load 90020
Dawson, D.M. *see* Carroll, J.J. 54180
Dawson, D.M. *see* Carroll, J.J. 60177
Dawson, D.M. *see* Carroll, J.J. 60248
Dawson, D.M. *see* Carroll, J.J. 90013
Dawson, D.M. *see* Carroll, J.J. 100159
Dawson, D.M. *see* Hu, J. 100127
Dawson, D.M. *see* Speagle, R.C. 100178
Dawson, E. *see* He, J. 83997
Dawson, E.P. *see* Millan, W. 64273
Dawson, F. New technology confuses PCS market: Decision crucial to business plan 97160
Dawson, F.P., Bonert, R. High performance single-chip gating circuit for a phase-controlled bridge 70291
Dawson, F.P., Ruda, H. Thermal diagnostics of high power electrical and optical device time to failure 62620
Dawson, F.P. *see* Oka, H. 53080
Dawson, F.P. *see* Tadesse, D. 69217
Dawson, G.E. *see* Changan Lu 90006
Dawson, G.E. *see* Hanrong Fan 90601
Dawson, G.E. *see* Lu, C. 68593
Dawson, G.E. *see* Zhang, Z. 68595
Dawson, G.E. *see* Zhenning Liu 83496
Dawson, J. *see* Biain, G. 82556
Dawson, J. *see* Fordham, C. 59184
Dawson, J. *see* Noren, J. 76601
Dawson, J.A. *see* Brackney, B.A. 66441
Dawson, J.F., Ahmadi, J., Marvin, A.C. Modelling the damping of screened room resonances by ferrite tiles using frequency dependent boundaries in TLM 51144
Dawson, J.F. *see* Lawton, S. 54234
Dawson, J.F. *see* Porter, S.J. 73375
Dawson, L.R. *see* Blum, O. 54852
Dawson, M.S. *see* Liu, L.M. 57819
Dawson, P. *see* Foxon, C.T. 54836
Dawson, P. *see* Orton, J.W. 81324
Dawson, P. *see* Sellai, A. 71575
Dawson, R. *see* Edman, K. 76306
Dawson, R. *see* Song, P.S. 87799
Dawson, R.J. *see* Dawson, C.W. 54416
Dawson, R.M.A., Fortmann, C.M., Gunes, M., Li, Y.M., Nag, S.S., Wronski, C.R., Collins, R.W. Transport considerations in hydrogenated amorphous silicon materials with widely varying mobilities and the consequences on device performance 100696
Dawson, R.M.A., Nag, S.S., Wronski, C.R., Maley, N. The effect of p-layers deposited under varying conditions on hydrogenated amorphous silicon p-i-n homojunction solar cell performance 100550
Dawson, R.M.A. *see* Gunes, M. 92916
Daxbock, W. *see* Beckmann, G. 99923
Daxbock, W. *see* Rych, H.-G. 78434
Daxhelet, X. *see* Konan, D. 76055
Daxiong Qiu *see* Qiu Daxiong
Daxiong Xu *see* Xu Daxiong
Day, A. *see* Pourang, R. 55527
Day, A. *see* Weisenberger, A.G. 59136
Day, C., Ferro, M., McGuire, D. Subnetwork root cause alarm analysis—an element management layer (EML) operations application 51996
Day, D. *see* Kraemer, B. 80837
Day, G.C. *see* Rhodes, S.J. 55263
Day, G.W. *see* Deeter, M.N. 52814
Day, G.W. *see* Rochford, K.B. 87256
Day, I.E., Snow, P.A., Jiang, Z., Penty, R.V., White, I.H., Davies, D.A.O., Fisher, M.A., Adams, M.J. Low power all-optical polarisation gate switch in a passive InGaAsP MQW waveguide at 1.53 μm 63997
Day, J.D. *see* Christie, R. 74260
Day, J.E., Brown, A.E., Nance, J.D. High K low firing temperature capacitors based on lead niobate 49686
Day, L.R. CPC revisited [power system control] 99505
Day, M.E. *see* Nam, C.W. 93197
Day, M.E. *see* Tsai, W. 81515
Day, N. *see* Mahalanobis, A. 51677
Day, P. *see* Furber, S.B. 92260
Day, R.-L., Hruska, C.D., Tai, K.L., Frye, R.C., Lau, M.Y., Sullivan, P.A. A silicon-on-silicon multichip module technology with integrated bipolar components in the substrate 48680
Day, S., Aanandan, C.K., Mohanan, P., Nair, K.G. A new broadband circular patch antenna 95011
Day, S. *see* Grant, M.F. 72368
Day, S.C.M. *see* Worboys, M.R. 66623
Day, S.W. PDFM—an FM channel analysis tool 58301
Day Ding *see* Ding Day
Dayan, T. *see* Dai, W.W.-M. 54530
Dayanand, S., Uttal, W.R., Shepherd, T., Lunskis, C., Jr. A particle system model for combining edge information from multiple segmentation modules 74466
Daykin, A.C., Kiely, C.J., Pond, R.C. Contrast arising from $\frac{1}{2}\langle 101\rangle$ dislocations associated with steps in thin-film type-B $CoSi_2$/Si(111) interfaces 81352
Dayong Zhu *see* Zhu Dayong
Dayton, J.A., Jr. *see* Bekker, T.L. 62064
Dayton, J.A., Jr. *see* Krainsky, I.L. 62065
Dayu He *see* He Dayu
Dazeng Feng, Huifen Chen, Shaofeng Xia, Keshu Xu Optical bipolar kth-order neural network based on inner-product representation 82777
Dazhang Hu *see* Hu Dazhang
Dazhi Xu *see* Qin Zhang 68406
Dazhong Wang *see* Wang Dazhong
Dazun Zhao, Hanying Zhou, Feng Zhao, Yu, F.T.S. Anisotropic intrasignal coupling in photorefractive $LiNbO_3$ 73077
Dcouto, P. *see* Damrongkulkamjorn, P. 88986
De, A., Kabal, P. Auditory distortion measure for speech coder evaluation—discrimination information approach 64381
De, A. *see* Ghosh, S. 70107
De, A. *see* Ray, S. 79910
De, A. *see* Wenas, W.W. 100582
De, A.K., Chakraborty, A.K., Das, J. Modelling vertical profile of water vapour density in tropical environment 94835
De, K., Natarajan, C., Nair, D., Banerjee, P. RSYN: a system for automated synthesis of reliable multilevel circuits 55216
De, K., Ramkumar, B., Banerjee, P. A portable parallel algorithm for logic synthesis using transduction 49241
De, S.C., Tarui, H., Terakawa, A., Maruyama, E., Sayama, K., Ninomiya, K., Tsuda, S., Nakano, S. Low-hydrogen-content, stable amorphous silicon thin films prepared by ion-assisted method 91580
De, S.S., Ghosh, A.K., Hajra, A.K., Bera, M., Haldar, J.C. Heavy doping effects on open circuit voltage decay in an abrupt p^+-n junction 71147
De, V.K., Agrawal, B., Meindl, J.D. A physical model including velocity overshoot for drain current of sub-0.15 μm MOSFET's 93442
de Abreu, G.N. *see* Martins, D.C. 54085
de Adler, N.O. *see* Ezquer, R.G. 88757
de Agapito Vicente, L. *see* Schneider, M. 74519
de Albuquerque, A. *see* Houghton, A.J.N. 52545
De Albuquerque, A. *see* Houghton, A.J.N. 97299
de Albuquerque, A.A. *see* Cartaxo, A.V.T. 97223
de Albuquerque, A.A. *see* Cartaxo, A.V.T. 97224
de Albuquerque, M.R.M.L., d'Assuncao, A.G., Giarola, A.J. Dynamic analysis of coupled microstrip lines on ferrimagnetic substrates perpendicularly magnetized 83740
de Alencar Lotufo, R. *see* Barrera, J. 85120
de Alfaro, L., Meo, A.R. Codes for second and third order GH-ARQ schemes 51359
de Almeida, A.M. *see* Cabreira, C.M. 80419
de Almeida, A.T., Vine, E.L. Advanced monitoring technologies for the evaluation of demand-side management programs 68086
De Almeida, A.T., Vine, E.L. Advanced monitoring technologies for the evaluation of demand-side management programs 89385
De Almeida, E.S. *see* Pinheiro Filho, J.D. 98654
De Andrade Amorin, M.C. *see* Barros, M.S.S. 77224
de Angel, E., Swartzlander, E., Jr., Abraham, J. A new asynchronous multiplier using Enable/Disable CMOS Differential Logic 92038
De Angelis, A. *see* Caponero, M.A. 73157
De Angelis, C. Self-trapped propagation in the nonlinear cubic-quintic Schrodinger equation: a variational approach 63939
De Angelis, C. *see* Aceves, A.B. 72375
De Angelis, C. *see* Aceves, A.B. 83272
De Angelis, C. *see* Capobianco, A.D. 50515
de Aragao, M.Poggi *see* Poggi de Aragao, M.
de Araujo, C.A.Paz *see* Paz de Araujo, C.A.
De Araujo, C.B. *see* Ma, H. 83290
de Araujo, C.Paz *see* Paz de Araujo, C.
de Araujo, S.P., Gomes Neto, A., Araujo Filho, M.S. Analysis of two-dimensional microstrip discontinuity by the step-segmentation approach 80559

De Azevedo, H.R., Wong, K.P. A fuzzy logic controller for permanent magnet synchronous machine 54002
de Baca, M.C. *see* Staudinger, J. 50044
De Baerdemaeker, J. *see* Delcourt, H. 97200
de Baets, J. *see* van Calster, A. 93427
De Baets, J. *see* Van Calster, A. 98203
De Baetselier, E., Du, M., De Mey, G. A thick film resistor circuit as a prosthesis for blind persons 88560
de Barbaro, P., Bodek, A., Budd, H., Fan, Q., Koehn, P., Olsson, M., Pillai, M., Sakumoto, W.K., Walker, R., Winer, B., Freeman, J., Ozelis, J., Huston, J., Mansour, J., Richards, R., Skup, E., Tannenbaum, B. Tile/Fiber results for the Upgraded Plug Hadron Calorimeter 98584
de Barros, L.E.M., Jr., Moschin, E., Souza, R.F. Dynamic response of external cavity semiconductor laser—a multigigabit per second transmission simulation 86430
de Barros, M.R.X., Becker, P.C. Bi-wavelength operation of a short-pulse Ti:sapphire laser 72768
de Barros, M.R.X., Becker, P.C., Miranda, R.S., West, L.C., Dunkel, J., Roberts, C.W., Stayt, J.W., Jr., Swaminathan, V. Response time measurement of a mid-infrared photodetector 66367
de Barros, M.R.X. *see* Becker, P.C. 73106
de Barros, M.T.Correia *see* Correia de Barros, M.T.
De Batist, R. *see* Devos, P. 80013
de Beauville, J.P.Asselin *see* Asselin de Beauville, J.P.
de Beauvoir, B. *see* Millerioux, Y. 58619
de Beauvoir, B. *see* Millerioux, Y. 86877
de Beeck, M.Op *see* Op de Beeck, M.
de Bekker, E.J.A. *see* Christianen, P.C.M. 62189
de Bellefon, A. *see* Coron, N. 59152
de Bergevin, F. *see* Giles, C. 98716
De Bernardi, C. *see* Caldera, C. 97303
De Bernardis, M. *see* Quadrini, E.M. 76829
De Bernardis, P., Aquilini, E., Boscaleri, A., De Petris, M., Gervasi, M., Martinis, L., Masi, S., Natale, V., Palumbo, P., Scaramuzzi, F. Search for cosmic-microwave-background anisotropies at degree angular scales: the ARGO 1993 experiment 66010
De Biase, G.A., Massini, A. High efficiency redundant binary number representations for parallel arithmetic on optical computers 72524
De Biase, M. *see* Diamanti, R. 61729
de Biasi, V. *see* Fulton, K. 78440
de Bie, J. ATM-FDDI interworking in TRIBUNE 58171
De Bievre, P., Valkiers, S., Becker, P., Ludicke, F., Spieweck, F., Stumpel, J. A more accurate value for the Avogadro constant 86980
De Bievre, P., Valkiers, S., Peiser, S., Spieweck, F., Bettin, H., Peuto, A., Sacconi, A., Mosca, M., Fujii, K., Tanaka, M., Nezu, Y. Experimental determinations of the quantity M/ρ for silicon single crystals used in the determination of the Avogadro constant 86970
De Bievre, P. *see* Basile, G. 86982
De Bievre, P. *see* Seyfried, P. 86967
De Blank, R. *see* Verhaverbeke, S. 62494
de Blank, R. *see* Werkhoven, C. 62493
de Blok, C.M., van den Brink, R.F.M., van Vaalen, M.J.M., Print, P.J.M. Fast low cost feed-forward burst-mode optical receiver for 622 Mb/s 52514
De Boeck, J., Demeester, P., Borghs, G. III-V on dissimilar substrates: epitaxy and alternatives 91486
de Boeij, W.P. *see* Pshenichnikov, M.S. 50783
De Boer, F.R. *see* Brabers, J.H.V.J. 71985
de Boer, F.R. *see* Gersdorf, R. 79511
de Boer, F.R. *see* Liu, J.P. 72014
de Boer, G., Braat, J.J.M., Janssen, A.J.E.M. Scan density and resolution in a laser beam pattern generator 73192
de Boer, W.B. *see* van Dort, M.J. 49850
de Boer, W.B. *see* van Dort, M.J. 93121
De Boni, R. Digital multimeter 52981
De Bortoli, L. *see* Brunetti, M.T. 87957
De Bortoli, L. *see* Quadrini, E.M. 76829
de Bot, P.G.M., Le Floch, B., Mignone, V., Schutte, H.-D. An overview of the modulation and channel coding schemes developed for digital terrestrial television broadcasting within the dTTb project 97550
de Botton, N., Dael, A., Martino, J. A polarized electron target for a high energy muon beam polarimeter 87946
De Bouard, D. *see* Gabriagues, J.M. 97301
de Bougrenet de la Tocnaye, J.-L. *see* Fracasso, B. 82764
de Bougrenet de la Tocnaye, J.-L. *see* Hamam, H. 82846
de Bougrenet de la Tocnaye, J.L. *see* Guena, M. 63499
de Bougrenet de la Tocnaye, J.L. *see* Hamam, H. 94686
de Brabander, G.N., Boyd, J.T., Beheim, G. Integrated optical ring resonator with micromechanical diaphragms for pressure sensing 58717
De Brabander, G.N. *see* Ahn Goo Choo 72392
de Brito, A.C.R., Queiroz Junior, I.S., Fernandes, H.C.C. Complex propagation and impedance of slot-lines considering the conductor thickness and the semiconductor substrate 83790
de Brito, A.Naves *see* Naves de Brito, A.
de Brucq, D., Ruiz, V. Random coefficient state model. Approximated densities filtering 95505
de Brucq, D. *see* Courtellemont, P. 57481
de Bruijn, D. *see* Cheng, L.K. 76020
De Bruin, N.C., Luijendijk, I.H.T., Visser, H.K.A., Degenhart, H.J. The effect of alterations in physical and chemical characteristics on TOBEC-derived body composition estimates: validation with non-human models 67589
de Bruyn Ouboter, R. *see* Muller, C.J. 63315
de Burros, L.E.M., Jr. *see* Romero, M.A. 80695
de Caleya, R.Fernandez *see* Fernandez de Caleya, R.
de Callafon, R.A., Van den Hof, P.M.J., Steinbuch, M. Control relevant identification of a compact disc pick-up mechanism 86808
De Caluwe, I., Leever, P., Wester, J. The use of TMN as an architectural framework for value added services management 96505
de Campos, G.L. Speech compression: a key to low-cost telephony systems for developing countries 85597
de Campos, M.L.R., Diniz, P.S.R., Antoniou, A. Performance of LMS-Newton adaptation algorithms with variable convergence factor in nonstationary environments 84286
de Campos Cruz, L.J., Kerner, H., Knoller, P.-M. The remote supervision and recording system of the Portuguese national electricity system 59848
De Canne, B. Error-recovery codes 95183
De Canne, B. *see* Simoen, E. 49995
de Capelle, A.R.Van *see* Van de Capelle, A.R.
De Carolis, G., Mattia, F., Pasquariello, G., Posa, F. Single frequency, single polarization SAR data inversion based on a Kalman filter approach 77218
De Carolis, G., Mattia, F., Pasquariello, G., Posa, F., Smacchia, P. X-band SAR and scatterometer data inversion based on geometrical optics model and Kalman filter approach 88875
de Carvalho, A., Fairhurst, M.C., Bisset, D.L. An integrated Boolean neural network for pattern classification 84600
De Carvalho, F. *see* Carvalho, A. 96499
de Carvalho, R.R.L., Freire, V.N., Auto, M.M., Farias, G.A. A new analytical method for the calculation of the transmission coefficient of carriers through non-abrupt semiconductor heterostructures 81297
de Carvalho, R.T., Blake, J., Sanders, G. Sagnac interferometers for accurate measurements of true nonreciprocal effects 76042
de Castro, A. *see* Rahman, S. 59832
de Castro, A. *see* Rahman, S. 60030
de Castro, A.J. *see* de Frutos, J. 66570
de Cesare, G. *see* Caputo, D. 92989
De Cesare, G. *see* Caputo, D. 100701
De Cesare, G. *see* Lazarouk, S. 81552
De Ceuninck, W. *see* D'Haeger, V. 80957
De Ceuninck, W. *see* Manca, J. 92822
De Ceuster, D., Flandre, E. Kink-like effect in long n-channel twin-gate fully-depleted SOI MOSFETs 81880
De Ceuster, D. *see* Colinge, J.P. 81823
de Chatel, P.F. *see* Liu, J.P. 72014
De Cicco, G., Morten, B., Prudenziati, M. Elastic surface wave devices based on piezoelectric thick films 93847
De Cicco, G. *see* Morten, B. 58686
De Clerck, N.M. *see* Scheunders, P. 67521
de Clercq, E., Rovera, G.D., Clairon, A. Accuracy evaluation of the LPTF optically pumped primary frequency standard 86860
de Clercq, E. *see* Rovera, G.D. 52749
De Cogan, D. Nonlinear thermal effects in metal/non-metal systems 80891
De Conchy, Y. *see* Dobrowolny, M. 88635
De Conto, J.-M. *see* Savalle, A. 87766
De Cooman, M. *see* Wouters, E. 88368
de Cooman, M. *see* Wouters, P. 58646
de Coster, L. *see* Bruck, J. 97589
De Coster, W., Brijs, B., Osiceanu, P., Alay, J., Caymax, M., Vandervorst, W. Ion beam mixing and oxidation of a Si/Ge-multilayer under oxygen bombardment 49806
de Couesnongle, M. Off the beaten track: telecommunications services in rural areas 75176
de Couesnongle, M. Microwaves and the oil and gas industry 86064
de Crecy, F. Pseudo-cubic thin-plate-type spline method for analysing experimental data 89526
De Cubber, A.M. *see* Van Calster, A. 98203
De Decker, B. *see* Piessens, F. 51813
de Decker, D., Marrone, G., Naito, K., Peixoto, C.A.O., Reynders, J.P. Failure of cap-and-pin insulators subjected to HVDC 78067
de Diego, R. *see* Carracedo, J. 96781
de Dobbelaere, P. *see* Moerman, I. 83086
De Doncker, R. *see* Profumo, F. 60521
De Doncker, R.W. Parameter sensitivity of indirect universal field-oriented controllers 100796
De Doncker, R.W., Profumo, F., Pastorelli, M. Self-tuning of tapped stator winding induction motor servo drives using the universal field-oriented controller 100795
De Doncker, R.W. *see* Kheraluwala, M.H. 68729
de Espinosa, F.R.Montero *see* Montero de Espinosa, F.R.
de Faria Rosa, M.A., Giarola, A.J. Dyadic Green's functions for the perfectly conducting parabolic cylinder 64187
De Fazio, M., Vinelli, F. DEM reconstruction in SAR interferometry: practical experiences with ERS-1 SAR data 77251
De Felice, C. *see* Bruyere, V. 79631
De Feyter, P., Mensaert, S. Controlled-frequency flotation 69290
De Filippo, E., Fonte, R., Lanzano, G., Pagano, A. The response of a NE102A-BaF_2 phoswich detector to low-energy heavy ions 59061
de Fornel, B., Rognon, J.-P. Electric machines control 100072
de Fornel, B. *see* Bouscayrol, A. 68537
de Fornel, B. *see* Frick, A. 90484
de Fornel, B. *see* Siala, S. 89973
de Fornel, F. *see* Hosain, S.I. 50455
De Franceschi, R. *see* Montangero, P. 56744
de Franceschi Soravito, G. Catalogue research within networks for scientific research 52151
de Freitas, L.C., da Cruz, D.F., Farias, V.J. A novel ZCS-ZVS-PWM DC-DC buck converter for high power and high switching frequency: analysis, simulation and experimental results 60338
de Freitas, L.C. *see* da Costa, A.V. 68803
de Frutos, J., Lopez, F., Jimenez, B. Lead calcium titanate ceramics and integrated optical filters for infrared optical sensors 52867
de Frutos, J., Rodriguez, J.M., Lopez, F., de Castro, A.J., Melendez, J., Meneses, J. Electrooptical infrared compact gas sensor 66570
de Garis, H. *see* Iba, H. 54716
De Gasperis, P. *see* Chen, H. 50390
De Gasperis, P. *see* Chen, H. 53039
De Gaudenzi, R., Giannetti, F. Analysis of an advanced satellite digital audio broadcasting system and complementary terrestrial gap-filler single frequency network 66023
de Gaudenzi, R., Vanghi, V. Analysis of an all-digital maximum likelihood carrier phase and clock timing synchronizer for eight phase-shift keying modulation 51312
De Gaudenzi, R., Vanghi, V. Analysis of coherent and differential detection for trellis-coded 8-PSK over satellite flat Rician fading channels 86279
De Gaudenzi, R. *see* Elia, C. 86656
De Geest, H. *see* Aubert, A.E. 98910
de Geijn, J.van *see* van de Geijn, J.
de Geijn, R.Van *see* Van de Geijn, R.
de Gevel, M.van *see* van de Gevel, M.
De Gloria, A., Faraboschi, P., Olivieri, M. Block placement with a Boltzmann Machine 55084
De Gloria, A., Faraboschi, P., Olivieri, M. Design and characterization of a standard cell set for delay insensitive VLSI design 70366
De Gloria, A. *see* Costa, A. 70239
de Gooijer, H. *see* Schropp, R.E.I. 100599
de Goor, A.J.Van *see* Van de Goor, A.J.
De Graaf, C.N., Koster, A.S.E., Vincken, K.L., Viergever, M.A. Validation of the interleaved pyramid for the segmentation of 3D vector images 57680
de Graaf, G. *see* Wolffenbuttel, R.F. 87121
de Graaf, M., Beck, E., Dortmans, L. Mechanical reliability of ferrite cores in inductive components 72166
de Graaf, M., Schrijver, A. Grid minors of graphs on the torus 54678
de Graaf, M.J. *see* Heeren, R.M.A. 59052
de Graaff, H.C. *see* de Vreede, L.C.N. 93322
de Graauw, M.M.W.M. *see* de Lange, G. 55400
de Graauw, M.W.M. *see* de Lange, G. 50411
de Graeve, J. *see* Cambus, J.P. 87003
De Grandi, G., Nezry, E., Kattenborn, G., Sieber, A.J. Experimental characterization of spatial statistics in polarimetric multifrequency airborne SAR data 77239
De Grandi, G. *see* Amar, F. 77586
de Greef, B. *see* Elixmann, M. 85818
de Griend, A.A.van *see* van de Griend, A.A.
de Griendt, M.A.J.van *see* van de Griendt, M.A.J.
de Groot, P.A.J. *see* Arnaudas, J.I. 71962
de Gruijter, R. *see* van Slooten, J. 54394
de Guiroye, A. Policy on telecommunications 48575
de Guzman, M.I. *see* Fernandez, H. 90138
de Guzman, M.I.G., Guzman, V.M., Bowler, P. Analysis of the results obtained with a wide range VVVF microcontrolled inverter modulator designed using the counter number method 69078
de Guzman, M.I.Gimenez *see* Gimenez de Guzman, M.I.
De Guzman, P.C. *see* Jutamulia, S. 84899
de Gyvez, J.P. *see* Moreira-Tamayo, O. 55326
de Gyvez, J.Pineda *see* Pineda de Gyvez, J.
de Haan, G., Biezen, W.A.C. Sub-pixel motion estimation with 3-D recursive search block-matching 74316
De Haan, L., Resnick, S. Estimating the home range 91227
de Haan, P. *see* Simsa, Z. 72031
de Haan, S. *see* van Kooten, M. 63211
de Haan, V.-O. *see* van Well, A.A. 67400
de Haart, L.G.J. *see* Divisek, J. 60435
de Haas, A.P. *see* Bootsma, T.M.V. 98638

de Haas, J.T.M. *see* Dorenbos, P. 59079
de Haas, J.T.M. *see* Dorenbos, P. 98635
de Heering, P., Simmer, K.U., Ochieng-Ogolla, E., Wasiljeff, A. A deconvolution algorithm for broadband synthetic aperture data processing 58503
de Hoog, F. *see* Haverlag, M. 93161
de Hoop, A.T. *see* Habashy, T.M. 83602
de hove, L.Van *see* Van de hove, L.
de Jager, C.W. *see* Theunissen, J.A.P. 87981
de Jager, G. *see* Hoare, F. 67477
de Jesus, C., Correia de Barros, M.T. Modelling of corona dynamics for surge propagation studies 78159
De Ji *see* Mahalingam, M. 87187
De Jin Yu, Harrison, R.G. Spatial chaotic power cross-talk in nonlinear multibeam co-propagation in optical fibres 63373
de Jong, E. *see* Berko-Boateng, V. 54453
de Jong, G. *see* Davis, J.A. 86907
de Jong, G.G., Lin, B. A communicating Petri net model for the design of concurrent asynchronous modules 92096
de Jong, G.W., Meijer, G.C.M., van der Lingen, K., Spronck, J.W., Aalsma, A.M.M., Bertels, Th.A.J.M. A smart capacitive absolute angular-position sensor 58692
de Jong, M.S., Adams, F.P. Cavity RF mode analysis using a boundary-integral method 67080
de Jong, M.S., Adams, F.P., Burton, R.J., Hutcheon, R.M., Tran-Ngoc, T., Zolfaghari, A., Demos, P.T. Design of a tuner and adjustable RF coupler for a CW 2856 MHz RF cavity 67078
de Jong, M.S., Adams, F.P., Burton, R.J., Hutcheon, R.M., Tran-Ngoc, T., Zolfaghari, A., Demos, P.T. A 2856 MHz RF cavity for the MIT-Bates South Hall Ring 67079
de Jong, S.J. *see* Allport, P.P. 76752
De Jonge, W., Scheuermann, P., Schijf, A. S^+-trees: an efficient structure for the representation of large pictures 57343
de Jongh, L.J. *see* Volokitin, Ya.E. 87574
de Jongh, M. *see* Zieren, V. 50257
de Jongh, M. *see* Zieren, V. 75796
de Jonghe, G. *see* Moeneclaey, M. 83911
De Julian, C. *see* Gonzalez, J.M. 93878
de Kamp, D.W.van *see* van de Kamp, D.W.
de Kamp, M.M.J.L.van *see* van de Kamp, M.M.J.L.
de Kamp, W.L.van *see* van de Kamp, W.L.
de Klein, F.J. Customer experiences in inert reflow soldering 92746
de Klerk, E., Snyman, J.A. A feasible descent cone method for linearly constrained minimization problems 69771
de Kock, A. *see* Gummow, R.J. 78788
de Kock, J.A., van der Merwe, F.S., Vermeulen, H.J. Induction motor parameter estimation through an output error technique 60217
de Korte, P.A.J. *see* Golubov, A.A. 67361
de Korte, P.A.J. *see* le Grand, J.B. 67410
de Kruif, R.C.M. *see* van Dort, M.J. 93121
de la Bathie, R.Perrier *see* Perrier de la Bathie, R.
de la Calle, L.N.Lopez *see* Lopez de la Calle, L.N.
de La Chapelle, M. *see* Fritz, M.E. 65824
de la Court, P. *see* Reymann, D. 66639
de la Court, P. *see* Verbrugh, S.M. 66641
de la Fuente, C. *see* Arnaudas, J.I. 71962
De La Fuente, L.A., Pavon, J., Singer, N. Application of TINA-C architecture to management services 96503
de la Fuente, P. *see* Lazaro, S. 95275
de la Fuente, R. *see* Michinel, H. 63946
de la Guia, C.Quinones *see* Quinones de la Guia, C.
de la Houssaye, P.R. *see* Chang, C.E. 92540
De la Rochette, H. *see* Bruguier, G. 71571
de la Rosa, J., Fonseca, W.H., Calva, P.A., Linares, R., Vazquez Martinez, A. A longitudinal coil for measuring fast pulsed currents flowing along sheets 87414
De La Rue, R.M. *see* Gontijo, I. 71152
de la Serna, A.E., Soderstrand, M.A., Loomis, H.H. Minimum-denominator-multiplier pipelined IIR digital filters 70756
De la Sotta, M.C. The impact of the new services of telecommunications in developing countries 96325
de La Taille, C. *see* Chase, R.L. 53343
de la Taille, C. *see* Gingrich, D. 53291
de la Tocnaye, J.-L.de Bougrenet *see* de Bougrenet de la Tocnaye, J.-L.
de la Tocnaye, J.L.de Bougrenet *see* de Bougrenet de la Tocnaye, J.L.
de la Vega, A.S. *see* Adam, W. 88114
de Laar, F.van *see* van de Laar, F.
De Laat, C.T.A.M. *see* Blom, J. 88212
de Laat, C.T.A.M. *see* Bootsma, T.M.V. 98638
de Labachelerie, M. *see* Latrasse, C. 57025
de Lamare, J. *see* Koontz, R.F. 68755
De Lameillieure, J., Schafer, R. MPEG-2 picture coding for digital TV 52687
de Lameillieure, J. *see* Schafer, R. 95811
de Lang, D. *see* Eggenhuisen, H.H. 97705
de Lange, G., Honingh, C.E., Dierichs, M.M.T.M., Schaeffer, H.H.A., Panhuyzen, R.A., Klapwijk, T.M., van de Stadt, H., de Graauw, M.W.M. Quantum limited responsivity of a $Nb/Al_2O_3/Nb$ SIS waveguide mixer at 460 GHz 50411
de Lange, G., Honingh, C.E., Kuipers, J.J., Schaeffer, H.H.A., Panhuyzen, R.A., Klapwijk, T.M., van de Stadt, H., de Graauw, M.M.W.M. Heterodyne mixing with Nb tunnel junctions above the gap frequency 55400
de Lange, J.J. *see* Olthof, C.G. 98884
de le Vega, W.Fernandez *see* Fernandez de le Vega, W.
De Leeuw, A.A.C. *see* Schneider, C.J. 88533
De Leeuw, D. *see* Holland, E.R. 71652
de Leeuw, D.M., Kraakman, P.A., Bongaerts, P.F.G., Mutsaers, C.M.J., Klaassen, D.B.M. Electroplating of conductive polymers for the metallization of insulators 93270
de Leeuw, D.M., Lous, E.J. Metal-insulator-semiconductor Schottky-type diodes of doped thiophene oligomers 81776
de Leeuw, D.M. *see* Brown, A.R. 93452
de Leeuw, G. *see* Cohen, L.H. 83405
De Leo, R., Pierantoni, L., Rozzi, T., Zappelli, L. Dipole excitation and scattering by spherical objects in GTEM cell 80555
De Leo, R., Schiavoni, A. FDTD evaluation of scattering by metallic objects in GTEM cells 73372
De Leo, R. *see* Cerri, G. 55458
de Leo, R. *see* Cerri, G. 57049
De Leo, R. *see* Pierantoni, L. 51088
de Leon, F., Semlyen, A. Detailed modeling of eddy current effects for transformer transients 68682
De Leon, F. *see* Semlyen, A. 54060
de Leon, P.L., II, Etter, D.M. On the design of analysis/synthesis filters for a 2-channel, perfect reconstruction filter bank 55334
de Leone, R. *see* Rim, M. 55050
de Ley, E. *see* de Meyere, A. 76115
de Liefvoort, A.van *see* van de Liefvoort, A.
de Lignie, M.C., Nagel, H.G.J., van Deventer, M.O. Large polarization mode dispersion in fiber optic cables 86443
de Lignie, M.C. *see* van Deventer, M.O. 82619
De Lima, J.A. Compensation for the east-west pin-cushion effect on multi-standard monitors 86709
de Lisio, M.P. *see* Hacker, J.B. 80709
De Long, H.C. *see* Carlin, R.T. 78789
de los Galanes, F.M.Gimenez *see* Gimenez de los Galanes, F.M.
de Lozanne, A.L. *see* Edwards, H.L. 63287
de Lozanne, A.L. *see* Rubel, S. 62618
De Lucia, M., Bronconi, R., Carnevale, E. Performance and economic enhancement of cogeneration gas turbines through compressor inlet air cooling 60103
De Lustrac, A. *see* Aniel, F. 62886
De Lustrac, A. *see* Sylvestre, A. 62884
de Lustrac, A. *see* Yazbek, K. 71719
de Lyon, T.J., Johnson, S.M., Cockrum, C.A., Hamilton, W.J., Wu, O.K. Direct MBE growth of CdZnTe on Si(100) and Si(112) substrates for large-area HgCdTe IRFPA's 61258
de Maagt, P. *see* Padovan, G. 57311
de Maagt, P.J.I., Wittekamp, J.W., Herben, M.H.A.J. On the design of ground-based radiometer antennas 64224
de Macedo Filho, A.D., Mosso, M.M. A novel class of slotline printed antennas over ferrite substrates 83851
de Madariaga, R.Martinez *see* Martinez de Madariaga, R.
de Magalhaes, S.D. *see* Eichler, J. 56957
de Magistris, M., Miano, G., Verolino, L., Visone, C., Zamparelli, E. A numerical analysis of the behaviour of the Galerkin equations relevant to electromagnetic wave propagation in nonlinear media 83616
de Magistris, M. *see* Bobbio, S. 82233
De Man, H. *see* Angelo, C.M. 80377
De Man, H. *see* Catthoor, F. 85081
De Man, H. *see* Depuydt, F. 49087
De Man, H. *see* Genoe, M. 91757
De Man, H. *see* Janssen, M. 57576
De Man, H. *see* Rosseel, J. 85080
De Man, H. *see* Schoofs, K. 49481
De Man, H. *see* Van Sas, J. 61674
de Man, H.J. *see* Balasa, F. 95602
de Marca, J.R.B. An LSF quantizer for the North-American half-rate speech coder 75318
de Marchi, A. Different schemes and structure of the accuracy budget in cesium frequency standards 86858
De Marchi, A. *see* Khursheed, A. 86902
De Marchi, A. *see* Labate, D. 64511
De Marchis, G. *see* Betti, S. 75751
de Marcillac, P. *see* Alessandrello, A. 59163
de Marcillac, P. *see* Coron, N. 59152
de Marcillac, P. *see* Zhou, J.W. 98538
De Marco, M., Pattavina, A. Distributed routing protocols for ATM extended banyan networks 65066
De Marco, N. *see* Martin, A. 67356
de Margerie, S. *see* Tessier, B. 88825
de Maria, G. *see* Cavailo, A. 91876
de Mascureau, J., Anthouard, Ph., Bardy, J., Bonnafond, C., Delsart, Ph., Devin, A., Eyharts, Ph., Eyl, P., Grua, P., Labrouche, J., Launspach, J., Le Taillandier, P., Merle, E., Roques, A., Sacepe, B., Thevenot, M., Villate, D. Design and progress of the AIRIX induction accelerator 67025
de Mascureau, J., Bonnafond, C., Devin, A., Merle, E., Ployart, G., Villate, D. Diagnostics development for high current electron accelerators at CESTA 76437
de Mascureau, J. *see* Eyharts, Ph. 66799
de Mathelin, M. *see* Perneel, C. 52952
De Mauduit, B. *see* Guillemet, J.P. 79914
de Mello, C.R.B., de Souza, R.M.C. A minimum cross-entropy type algorithm including a model of the object 59319
De Mello, F.P. Exploratory concepts on control of variable series compensation in transmission systems to improve damping of intermachine/system oscillations 59723
de Mello, F.P., Westcott, J.C. Steam plant startup and control in system restoration 59722
de Mello, M.S.C. *see* Podcameni, A. 80420
De Melo, O., Hernandez, L., Zelaya-Angel, O., Lozada-Morales, R., Becerril, M., Vasco, E. Low resistivity cubic phase CdS films by chemical bath deposition technique 79871
de Menezes, D. *see* Fougeron, C. 67086
de Menezes, M.O. *see* Assuncao, M.P.M. 76798
De Menna, L., Miano, G. Chaotic dynamics in a simple electromagnetic system 94895
De Mey, G., Boone, E., De Tollenare, G. Influence of time-dependent power dissipations on the ageing behavior of thick-film resistors 62025
De Mey, G. *see* De Baetselier, E. 88560
De Mey, G. *see* Kos, A. 55118
de Mey, V. *see* Gibbs, S. 97700
De Meyer, H. *see* Van Daele, M. 91345
de Meyere, A. Computing the molecular distribution in ferroelectric liquid crystal displays 56461
De Meyere, A. The rules of smectic layer stacking 94203
De Meyere, A., Dahl, I. Modelling the molecular distribution in chevron FLCDs 76142
de Meyere, A., de Ley, E., Pauwels, H. Chevron texture and greyshades in SSFLCD's 76115
De Micheli, E., Giachero, F. Motion and structure from one dimensional optical flow 84709
de Micheli, E., Verri, A. Planar passive navigation: one dimension is better than two 84889
De Micheli, G. *see* Siegel, P. 92165
De Micheli, G. *see* Yang, J.C.-Y. 49088
De Micheli, M.P. *see* Chen, S. 63452
De Michelis, G. *see* Agostini, A. 85919
de Miguel, J.L., Gomez-Salas, E., Martin, J.L. Assessment of the structural parameters of GaInAs/GaInAsP strained layer multiquantum wells by X-ray diffraction 55625
De Miguel, T. *see* Acuna, C. 65389
de Moor, H.H.C. *see* Burgers, A.R. 100482
de Moor, H.H.C. *see* Weeber, A.W. 81491
De Moortel, J. *see* Note, S. 55187
De Mori, R. *see* Galler, M. 84035
De Mori, R. *see* Kuhn, R. 73844
De Mori, R. *see* Normandin, Y. 51393
de Moustier, C. *see* Pantzartzis, D. 99257
de Mul, F.F.M. *see* Koelink, M.H. 76940
de Mul, F.F.M. *see* Koelink, M.H. 87551
de Munain, J.M.H.Lopez *see* Lopez de Munain, J.M.H.
De Munari, I., Menozzi, R., Davoli, M., Fantini, F. A test pattern for three-dimensional latch-up analysis 50095
de Murcia, M., Richard, E., Gasquet, D., Dubuc, J.P., Vanbremeersch, J., Zimmermann, J. High frequency noise and diffusion coefficient of hot electrons in bulk $Al_{0.25}Ga_{0.75}As$ 55554
de Murcia, M. *see* Dubuc, J.P. 71774
de Murcia, M. *see* Pascal, F. 55847
De Natale, F. *see* Desoli, G. 64693
De Natale, F.G.B., Desoli, G.S., Fioravanti, S., Giusto, D.D. An edge-based splitting criterion for adaptive transform coding 85036
De Natale, F.G.B., Desoli, G.S., Giusto, D.D. Image sequence data compression through adaptive space-temporal interpolation 57782
De Natale, F.G.B., Desoli, G.S., Giusto, D.D., Vernazza, G. A spline-like scheme for least-squares bilinear interpolations of images 84973
De Natale, P. *see* Acef, O. 73020
De Natale, P. *see* Nez, F. 86973
de Neuf, J.B. *see* Helms, B.E. 80905
de Neuf, J.B. *see* Helms, B.E. 80932
De Neve, H. *see* Blondelle, J. 94289
De Nicola, S. An approximate method for computing mode-dispersion parameters in two-dimensional diffused-channel waveguides 63442
De Nicola, S. Reflection and transmission of Cantor fractal layers 83633
De Nicolao, G., Lorito, F., Strada, S. On 'Comparison and extensions of control methods for narrow-band disturbance rejection' 64516
de Notaristefani, F. *see* Pani, R. 88044
de Oliveira, A.G. Growth and characterization of nanostructures of III-V compound semiconductors 48915
de Oliveira, A.G., Ribeiro, G.M., Soares, D.A.W., Chacham, H. Competition between negative and positive photoconductivity in silicon planar-doped GaAs 50665

de Oliveira, A.G., Safar, G.A.M., Sampaio, J.F. Silicon heavily doped MBE grown $Al_{0.3}Ga_{0.7}As$ samples 48919
de Oliveira, A.G. *see* Medeiros-Ribeiro, G. 49774
de Oliveira, A.J.Belfort *see* Belfort de Oliveira, A.J.
de Oliveira, C.A.S., Jen, C.K. Fiber Brillouin laser with two cascaded fiber of different Brillouin frequency shifts 83036
de Oliveira, F. *see* Bogaert, G. 59020
de Oliveira, J.P.M., Hoppen, N. E-mail as an enabling technology in Brazil: the CNPq/ProTeM-CC experience 85605
de Oliveira, L.C.Origa *see* Origa de Oliveira, L.C.
De Oliveira, M., Poloujadoff, M., Le Du, A., Therond, P.G. Supply of an entirely passive AC system through an HVDC link 53732
de Oliveira, M. *see* Agoulmine, N. 96476
De Oliveira, P.G. *see* Azevedo, J. 85752
De Oliveira, S.E.M. Synchronizing and damping torque coefficients and power system steady-state stability as affected by static VAr compensators 59724
de Oliveira Duarte, A.M. *see* Valadas, R.T. 52091
de Palma, J.-F., Mulertt, C. Protection of a high-power 3-phase bridge (electrolysis application) 90171
de Palma, J.-F., Mulertt, C. Protection of a regenerative DC drive 90542
De Palma, J.-F., Mulertt, C., Rousseau, J.-J., Qian Liu, Chante, J.-P. Study of paralleling low power GTO's for static circuit breaker application 90303
De Paola, M. *see* Bondonno, M. 74829
De Paola, M. *see* Bondonno, M. 85508
De Paoli, M.-A. *see* das Neves, S. 81534
De Paoli, S. *see* Cottino, E. 52492
de Parny, R. Helicopter airborne services live line work 78140
de Paula, A.M., Weber, G. Carrier capture via confined phonons in GaAs-AlGaAs multiple quantum wells 62280
De Pauw, P. *see* D'Haeger, V. 80957
De Pedis, D. *see* Bini, C. 98418
De Pedis, D. *see* Buontempo, S. 98502
de Perez, T.A., Restrepo, J., Diaz, L.M. Optimum time-frequency representations of monocomponent signal combinations 74027
De Petris, M. *see* De Bernardis, P. 66010
de Plassche, R.van *see* van de Plassche, R.
de Poncharra, J. *see* Flament, O. 70769
de Prada, C., Morilla, F., Dormido, S., Vega, P. Simulation and control of the condensate circuit in a nuclear power station 53897
De Prada, M.C. *see* Alonso, C.J.G. 87027
De Prycker, M. *see* Van Landegem, T. 96423
de Queiroz, A.C.M., Caloba, L.P. Optimal gain overdesign in analog filters 92351
de Queiroz, R.L., Rao, K.R. Adaptive extended lapped transforms 84257
de Quiros, J.G.Bernaldo *see* Bernaldo de Quiros, J.G.
De Raedt, H., Michielsen, K., Klapwijk, T.M. Andreev reflection in nanoscale metal-superconductor devices 72245
de Regoyos, J. *see* Arronte, F. 53622
de Rijk, G. *see* Bailey, R. 76434
De Robertis, G. *see* Camarda, P. 96710
de Rochemont, L.P., Maroni, V.A., Klugerman, M., Andrews, R.J., Kelliher, W.C. Fabricating multifilamentary high-T_c superconducting bismuth cuprate tapes by metalorganic chemical spray pyrolysis 63279
de Roer, T.G.van *see* van de Roer, T.G.
De Romemont, O., Grolleau, G. SDH equipment management: A management information modelling application 96485
De Roo, R.D., Ulaby, F.T. Experimental observations of the forward scattering of microwaves from a rough dielectric surface 77611
de Rooij, N.F. *see* Brugger, J. 66284
de Rooij, N.F. *see* Fiaccabrino, G.C. 66259
de Rooij, N.F. *see* Gass, V. 58742
de Rooij, N.F. *see* Gass, V. 63109
de Rooij, N.F. *see* Gretillat, M.-A. 66285
de Rooij, N.F. *see* Indermuehle, P.-F. 68925
de Rooij, N.F. *see* Jaecklin, V.P. 56404
de Rooij, N.F. *see* Jaecklin, V.P. 56433
de Rooij, N.F. *see* Jaecklin, V.P. 63532
de Rooij, N.F. *see* Paratte, L. 68663
de Rooij, N.F. *see* Racine, G.-A. 60264
de Rooij, N.F. *see* Racine, G.-A. 66213
de Rooij, N.F. *see* van den Berg, A. 66233
de Rooij, N.F. *see* van der Wal, P.D. 58672
De Rossi, D. *see* Canepa, G. 74259
De Rossi, S. *see* Ciccacci, F. 92862
de Ru, V.J. *see* van Putten, W.L.J. 67620
De Rujula, A. *see* Ahlen, S. 98641
de Rycke, I. *see* van Calster, A. 93427
de Sa, J.L.Pinto *see* Pinto de Sa, J.L.
de Saintignon, P. *see* Gingrich, D. 53291
de Saja, J.A. *see* Rodriguez-Mendez, M.L. 58887
de Salles, A.A., Hackbart, A.S., Spalding, L.N. A simple model for the GaAs HBT high-frequency performance under optical illumination 56540
De Salve, M., Del Tin, G., Panella, B. Flashing and heat transfer during outsurge transients in a small pressurizer 99877
de Salvo, L. *see* Acerbi, E. 63871
De Salvo, L. *see* Winick, H. 83178
de Salvo, R. *see* Anzivino, G. 67353
De Sanctis, M. *see* Anzaloni, A. 96640
de Sande, J.C.G., Sanchez Balmaseda, M., Gueera Perez, J.M. A method to measure weak short-lived photoconductivity induced by laser excitation in low-resistance samples 66649
De Santis, A., Di Crescenzo, G., Persiano, G. The knowledge complexity of quadratic residuosity languages 73740
De Santis, A., Di Crescenzo, G., Persiano, G. Secret sharing and perfect zero knowledge 73748
De Santis, A., Germani, A., Jetto, L. Space-variant recursive restoration of noisy images 51670
De Santis, A. *see* Blundo, C. 73751
De Santis, A. *see* Blundo, C. 74708
De Santis, A. *see* Capocelli, R.M. 95126
De Santis, A. *see* Muckenhoff, K. 77031
de Santos, M.Damy *see* Damy de Santos, M.
de Saqui-Sannes, P. *see* Carmo, L.R.d.C. 96438
de Saqui-Sannes, P.D. *see* Senac, P. 74806
De Sario, M. *see* D'Orazio, A. 51174
De Schepper, L. *see* D'Haeger, V. 80957
De Schepper, L. *see* Manca, J. 92822
de Schrijver, E. *see* Bellens, R. 50005
De Schryver, F.C. *see* Van der Auweraer, M. 56518
de Seze, F. Influence of slow frequency hopping and antenna diversity techniques in European GSM system 65672
de Silva, C.W. A criterion for knowledge base decoupling in fuzzy-logic control systems 90007
De Silvestri, S., Giuliani, G., Magni, V., Segala, D., Svelto, O. Rod-imaging unstable resonators with super-Gaussian mirrors 72966
De Silvestri, S. *see* Cerullo, G. 63953
De Silvestri, S. *see* Cerullo, G. 72746
De Silvestri, S. *see* Danailov, M.B. 63714
De Silvestri, S. *see* Fantini, V. 72957
De Smedt, A., Hellemans, P., Ronchetti, L., Taubig, K. A multilevel framework for the attribute description of telecommunication services 65434
De Smedt, A. *see* Hellemans, P. 65435
de Smet, H. *see* van Calster, A. 93427
De Smet, H. *see* Van Calster, A. 98203
de Solorzano, A.Ortiz *see* Ortiz de Solorzano, A.
de Sotomayor, R.S. *see* Perez, S.M. 75121
de Souza, A.C.Zambroni *see* Zambroni de Souza, A.C.
de Souza, A.F., Barbi, I. A new ZVS-PWM unity power factor rectifier with reduced conduction losses 100283
de Souza, C.E., Shaked, U., Fu, M. Robust H_∞ filtering with parametric uncertainty and deterministic input signal 73942
de Souza, C.E. *see* Lihua Xie 84236
de Souza, C.E. *see* Theodor, U. 64496
de Souza, E.A.M. *see* Fernandes, H.C.C. 64182
de Souza, E.J.S.Pires *see* Pires de Souza, E.J.S.
de Souza, J.Campello *see* Campello de Souza, J.
de Souza, J.Moreira *see* Moreira de Souza, J.
de Souza, J.Neuman *see* Neuman de Souza, J.
de Souza, P.V. *see* Bahl, L.R. 84109
de Souza, P.V. *see* Bellegarda, J.R. 64366
de Souza, P.V. *see* Bellegarda, J.R. 84112
De Souza, R., Wu Lijun CPS: a productivity tool for component placement in multi-head concurrent operation PCBA machines 81031
De Souza, R. *see* Chong Chin Soon 81032
de Souza, R.M.C. *see* de Mello, C.R.B. 59319
de Souza, R.M.Campello *see* Campello de Souza, R.M.
de Souza Queiroz, I., Jr. *see* Fernandes, H.C.C. 64182
de Stadt, H.van *see* van de Stadt, H.
De Stasi, F.J., Szepesi, T.S. A monolithic boost converter for telecom applications 49154
De Stasio, G. *see* Abrami, A. 98715
De Steeg, M.Van *see* Van De Steeg, M.
De Stefano, L. *see* Abbate, G. 63497
de Stegge, J.aan *see* aan de Stegge, J.
de Sterke, C.Martin *see* Martin de Sterke, C.
De Tao Pei *see* Pei De Tao
De Tollenare, G. *see* De Mey, G. 62025
De Tomasi, F., Cerboneschi, E., Arimondo, E. Asymmetric pulse shape in the LFF instabilities of a semiconductor laser with optical feedback 94471
de Tomasi, F. *see* Cerboneschi, E. 94522
de Torres, I.Rodriguez *see* Rodriguez de Torres, I.
de Torresi, S.I.Cordoba *see* Cordoba de Torresi, S.I.
de Unamuno, S. *see* Fogarassy, E. 61322
De Unamuno, S. *see* Fogarassy, E. 79936
De Unamuno, S. *see* Repplinger, F. 48958
de Urquijo, J., Alvarez, I., Dominguez, I., Cisneros, C., Martinez, H. A coincidence system for studying collisional ion dissociation: application to H_3^+ in He 88258
de Vas, R.C.J. Coal gas plant in Buggenum operational 60099
De Vecchi, C. *see* Benetti, P. 67327
De Vecchi, C. *see* Benetti, P. 67328
De Vecchi, C. *see* Cennini, P. 67285
De Vecchi, C. *see* Cennini, P. 76755
de Veciana, G., Courcoubetis, C., Walrand, J. Decoupling bandwidths for networks: a decomposition approach to resource management 65180
de Veirman, A.E.M. *see* Dirks, A.G. 62529
de Vel, O. *see* Aeberhard, S. 74586
de Ven, J.van *see* van de Ven, J.
De Vena, L. *see* Guglielmi, N. 69615
De Vento, D. *see* Breglio, G. 87409
De Venuto, D. *see* Corsi, F. 82086
de Verdiere, J.M.Colin *see* Colin de Verdiere, J.M.
de Veth, J., Gallopyn, G., Bourlard, H. Limited parameter hidden Markov models for connected digit speaker verification over telephone channels 84021
de Viron, F., De Vlaminck, M., Minns, T., Weber, T. A feasibility study for nuclear safety improvement: a neural network to perform early warning 68391
de Viron, F. *see* De Vlaminck, M. 68384
De Visschere, P. *see* Neyts, K.A. 63587
de Visschere, P. *see* Van Den Bossche, J. 76123
de Visser, A., Kadushkin, V.I., Kul'bachinshkii, V.A., Kytin, V.G., Skorokhodov, V.M., Shangina, E.L. Features of electron scattering in δ-doped GaAs/GaAlAs multiquantum well structures 81283
De Vita, E. Promotion of EV through sport and press support 54209
de Vitry, J., Giaconia, S. Technological innovation and market evolution lead the way to SDH radio 97000
De Vittor, P. DC/DC converter modules 70298
de Vlag, H.A.B.van *see* van de Vlag, H.A.B.
De Vlaminck, M., Martin, E., Van Dyck, C., Leboutte, F., de Viron, F. A knowledge-based system to support nuclear power plant operators 68384
De Vlaminck, M. *see* de Viron, F. 68391
de Voigt, M.J.A. *see* Rijken, H.A. 87967
de Voigt, M.J.A. *see* Schotanus, P. 88324
de Voigt, M.J.A. *see* Schotanus, P. 98733
de Voorde, N.E.Van *see* Van de Voorde, N.E.
De Vre, R., Hesselink, L. Analysis of photorefractive stratified volume holographic optical elements 83377
De Vre, R., Jeganathan, M., Wilde, J.P., Hesselink, L. Effect of applied fields on the Bragg condition and the diffraction efficiency in photorefractive crystals 63342
de Vreede, A.I. *see* Soldano, L.B. 50552
De Vreede, J.P.M., Teunisse, G.M., Munter, K., Hoitink, H., Holland, K., O'Dwyer, M., Bergsten, L., Puranen, L. Calibration of rf field strength meters 86889
de Vreede, J.P.M. *see* Klonz, M. 86898
de Vreede, L.C.N., Dambrine, A.C., Tauritz, J.L., Baets, R.G.F. A high gain silicon AGC amplifier with a 3 dB bandwidth of 4 GHz 55424
de Vreede, L.C.N., de Graaff, H.C., Hurkx, G.A.M., Tauritz, J.L., Baets, R.G.F. A figure of merit for the high-frequency noise behavior of bipolar transistors 93322
De Vriendt, J. Motion estimation of curves: experimental results using regularization techniques 57794
De Vriendt, J., Simon, S. Comparison of zero crossing based edge detection filters in the discrete domain 74276
De Vriendt, J. *see* Simon, S. 73604
de Vries, B., Dias, L., Pearson, J. Learning with target trajectory constraints for sequence classification tasks 73814
de Vries, H. *see* Theunissen, J.A.P. 87981
De Vries, M., Nasta, M., Claus, R., Masri, S.F. Fatigue loaded fiber optic strain gages performance in reinforced concrete structures 52939
de Vries, M. *see* Murphy, K. 53091
de Vries, M.J., Malik, A., Fang, X., Velayudhan, N., Qazi, T., Claus, R.O., Durkee, S., Spillman, W.B., Jr. Completely embedded optical fiber sensors 98066
de Vries, M.J., Nasta, M., Grinder, C.R., Claus, R.O., Masri, S.F. Optical fibers for sensing, healing and reinforcement [of concrete beams] 98067
de Vries, M.J. *see* Poland, S.H. 98052
de Vries, P. *see* Collis, B. 85486
de Vries, P.M.J.M. *see* Olthof, C.G. 98884
de Vries, R., Berkhoff, A.P., Slump, C.H., Herrmann, O.E. Digital compensation of nonlinear distortion in loudspeakers 75776
de Waal, W.R.M. *see* Lourens, J.G. 86657
de Waard, J., Diekmann, F.J., Holmlund, K. A new approach to real-time water-vapour wind extraction 77382
de Waard, P.J. *see* Pennings, E.C.M. 72360
de Waardt, H., Tiemeijer, L.F., Verbeek, B.H. 89 km 10 Gbit/s 1310 nm repeaterless transmission experiments using direct laser modulation and two SL-MQW laser preamplifiers with low polarization sensitivity 58417
de Waardt, H. *see* van Tartwijk, G.H.M. 83066
de Walle, C.G.Van *see* Van de Walle, C.G.
De Water, W.Van *see* Van De Water, W.
de Weldige, K. *see* Varichenko, V.S. 71079
de Werf, F.Van *see* Van de Werf, F.
de Wergifosse, C., Bihain, A., Stubbe, M. Training of power station operators in the restoration of a broken-down network 53671
de Werra, D., Gay, Y. Chromatic scheduling and frequency assignment 48787
de Werra, D. *see* Hasler, M. 55103

de Wiel, P.van *see* van de Wiel, P.
de Wiele, F.Van *see* Van de Wiele, F.
de Win, P. Trends in cabling systems for intelligent buildings 52479
de Winter, A.R. *see* van den Berg, F.D. 98523
de Winter, H.M.J. *see* Zon, G.D. 78471
de Witt, H. Energy storage in compressed air on the beds of deep lakes to cover the peaks of demand for electricity 100786
de Witt, U. *see* Beyer, H.G. 89762
De Wolf, I. *see* Armigliato, A. 81381
De Wolf, I. *see* Degraeve, R. 62771
de Zaldivar, J.S. *see* Pomp, H.G. 93171
De Zhong Wen *see* Wen De Zhong
De Zorzi, G. *see* Bini, C. 98418
De Zutter, D. *see* Coen, G. 51193
De Zutter, D. *see* Criel, S. 73392
De Zutter, D. *see* Debie, P. 62862
De Zutter, D. *see* Dhaene, T. 58959
De Zutter, D. *see* Dhaene, T. 74008
De Zutter, D. *see* Dhaene, T. 83736
De Zutter, D. *see* Kok, P.A. 80974
De Zutter, D. *see* Wuyts, I. 73415
De-fang Cai *see* Zhen Guo 82939
De-Fang Cai *see* Zhen Guo 94341
De-Feng Sun *see* Sun De-Feng
De-Gui Sun, Li-Ming He, Na-Xin Wang, Weng, Z.H. Fast MSD multiplication technology and system 72504
De-Gui Sun, Li-Ming He, Na-Xin Wang, Zhao-Heng Weng Optoelectronic butterfly interconnection architecture of modified signed-digit arithmetic systems: fully parallel adder and subtracter 94228
De-hua Li *see* Yan-song Chen 74362
De-Jung Wang *see* Xiao-Dong Ji 85283
De-Jung Wang *see* Wang De-Jung
De-Lin Chu *see* Chu De-Lin
De-Ling Pang, Lan-Di Li, Bin Zhu Optimization of dopants in CR-39 88206
De-Ling Zheng, Yan-Jie Li, Yu-Miao Li Study on floating zone silicon operation guided expert system 93102
de-Ridder-de-Groote, M.J., Prasad, R., Bons, J.H. Analysis of new methods for broadcasting digital data to mobile terminals over an FM-channel 58550
De-Rui Zhu *see* Zhu De-Rui
De-Xiang Huang, Lipe, T.E., Kinard, J.R., Childers, C.B. AC-DC difference characteristics of high-voltage thermal voltage converters 87108
De-Xiong Xi *see* Xi De-Xiong
Dea, J.Y. *see* Singer, P.A. 94881
Deacon, G.B. *see* Leech, P.W. 49870
Deadrick, F. *see* Yu, S. 67027
Deaett, M.A. *see* Johnson, S.G. 59587
Deak, F. *see* Horvath, G. 70810
Deak, I. *see* Harsanyi, G. 59258
Deak Kim Yong *see* Yong Deak Kim
Deal, M.D. *see* Lee, C.C. 62476
Deal, M.D. *see* Lee, C.C. 71315
Deal, M.D. *see* Robinson, H.G. 93130
Deale, O.C. *see* Lerman, B.B. 77041
Deambi, S. Issues and prospects vis a vis Indian PV commercialization programme 100012
Dean, A.J. *see* Bird, A.J. 59118
Dean, A.J. *see* Carter, T. 88047
Dean, A.J. *see* Swinyard, B.M. 88045
Dean, C., Chantrell, R.W., Hart, A., Parker, D.A., O'Grady, K. Simulations of the remanent behaviour of longitudinal thin films 50228
Dean, R. *see* Gopani, S.G. 97071
Dean-Yu Chyou *see* Ci-Ling Pan 52604
Deane, J.H.B. Modeling the dynamics of nonlinear inductor circuits 80076
DeAngelis, C.M., Green, R.W. Source localization using a non-traditional three-dimensional ocean modeler 99262
DeAngelis, J. *see* Khabbaz, B. 86221
DeAngelo, F.L. *see* Bailey, S.G. 100521
Deans, W.F. *see* Qiu, W. 60944
Dear, I.D., Dislis, C.D., Ambler, A.P., Dick, J. Test strategy planning using economic analysis 79283
Dearing, M.G. *see* Swenson, H.N. 67685
Dearlove, C.M. *see* Blythe, J.H. 51498
Deas, R.M. *see* Clark, A. 88763
Deaton, J.B., Jr., Wagner, J.W. Wiener filtering of laser-generated multiple-pulse narrow-band ultrasound for enhanced detectability by a laser interferometer 49031
Deaton, J.B., Jr., Wagner, J.W., Rogowski, R.S. Electronic speckle pattern interferometry on a microscopic scale 70205
Deavenport, R.L. *see* Roderick, W.I. 77554
Deaves, R. *see* Greenway, P. 73931
Deb, B., Ray, D.S. Time-dependent micromaser spectrum 72660
Deb, K., Horn, J., Goldberg, D.E. Multimodal deceptive functions 54714
Deb, S.K. Future opportunities for photovoltaic materials and device research 90406
Deb, S.K. *see* Tsuo, Y.S. 100473
Deb Dipten *see* Dipten Deb
Debackere, K., Rappa, M.A. Technological communities and the diffusion of knowledge: a replication and validation 90846
Debao Chen Extended families of cardinal spline wavelets 61212
Debarre, D. *see* Desmur, A. 81531
Debase, G. *see* Farilla, A. 52772
Debba, N., Rudra, A., Carlin, J.-F., Ilegems, M. High-speed InP/GaInAs metal-semiconductor-metal photodetectors grown by chemical beam epitaxy 75985
Debbagh, F., Ameziane, E.L., Azizan, M., Brunel, M. Structural and electrical properties of RF sputtered Cu/Te/CdTe contact 71204
Debebe, K. *see* Pittet, A. 90044
Debebe, K. *see* Tou, M. 68864
Debelyi, A.V., Lisovoi, B.V., Mironchenko, Yu.A. Model of a supersteep varicap that takes into account the space charge distribution in the *p*- and *n*-regions of the semiconductor 81803
Debenham, A., Kovan, D. Maturing safety in the UK [nuclear power stations] 78314
Debernardi, J. *see* Girard, A. 67262
Debernardi, P. *see* Bava, G.P. 50844
Debernardi, P. *see* Spano, P. 73050
Debes, M. The safety of EDF's nuclear facility enhancement through experience and steps forward 99898
Debiak, T. *see* Cole, M. 67075
Debiak, T.W., Porter, J., Heuer, R., Birnbaum, I. An electrostatic sweep plate device for emittance measurement of ion beams to 2 MeV 76588
Debiak, T.W. *see* Gammel, G. 53193
Debiak, T.W. *see* Gammel, G. 76735
Debiao Li, Haacke, E.M., Mugler, J.P., Berr, S., Brookeman, J.R., Hutton, M.C. Three-dimensional time-of-flight MR angiography using selective inversion recovery RAGE with fat saturation and ECG-triggering: application to renal arteries 67530
Debie, P., Martens, L. Accurate error correction technique for on-chip lightwave measurements of optoelectronic devices 83142
Debie, P., Martens, L., De Zutter, D. Fast and accurate on-wafer extraction of parasitic resistances in GaAs MESFET's 62862
DeBinder, J. *see* Yen-Ping Shan 85679
DeBlasio, L.M., Lane, G., Rhoads, F.J. Model enhancements: IONCAP and VOACAP methodology comparisons 73344
DeBlasio, L.M. *see* Lane, G. 97588
Debnath, K. *see* Sharaf, A.M. 53744
Debnath, K. *see* Sharaf, A.W. 99675
Debnath, K. *see* Sharat, A.M. 59925
Debney, B.T. *see* Batchellor, C.R. 97302
DeBoeck, J. *see* Borghs, G. 61944
DeBoer, D.R. *see* Steffes, P.G. 65746
DeBortoli, M. *see* Salon, S. 89935
DeBoy, C.C. *see* Jensen, J.R. 59506
Deboy, G., Kolzer, J. Fundamentals of light emission from silicon devices 56562
DeBra, D.B., Gottzein, E. *(editors)* Automatic Control in Aerospace 1992. Selected Papers from the 12th IFAC Symposium 48565
deBrauw, A. *see* Tang, X.Z. 74050
Debray, P. *see* Bollaert, S. 93493
Debrie, R. *see* Ketata, M. 52907
Debrie, R. *see* Latry, O. 82568
DeBrosse, J. *see* Nesbit, L. 92191
DeBroy, J.A. *see* Brooks, B.O. 54426
DeBrunner, V.E. *see* McKinney, E.D. 77079
Debruyne, F.M.J. *see* Rijkhoff, N.J.M. 67606
Debruyne, F.M.J. *see* Rijkhoff, N.J.M. 88524
Debs, A.S. *see* Dominguez, F. 68104
Debs, A.S. *see* Yu-Chi Wu 53626
Debs, A.S. *see* Yu-Chi Wu 77842
Debu, P. *see* Fanti, V. 76788
Debussschere, I. *see* Bosisio, L. 59074
Debussschere, I. *see* Dierickx, B. 67378
Debussschere, I. *see* Ricquier, N. 66457
Decanniere, C., Van Hecke, P., Vanstapel, F., Chen, H., Van Huffel, S., van der Voort, C., van Tongeren, B., van Ormondt, D. Evaluation of signal processing methods for the quantification of strongly overlapping peaks in ^{31}P NMR spectra 95423
Decarpigny, J.-N. *see* Assaad, J. 93792
DeCecco, A. *see* Szawlowski, M.J. 56537
DeCecco, P. *see* Horvath, D. 53123
December, J. Electronic publishing on the Internet: new traditions, new choices 85784
DeCesaro, F.P. *see* Witte, J.F. 67994
DeCesaro, F.P. *see* Witte, J.F. 77883
Dechang Sun *see* Sun Dechang
DeChen Zhan *see* Zhan DeChen
DeChiaro, L. *see* Hwang, D.M. 61038
Dechiaro, L. *see* Wang, M.C. 63805
Decina, M., Giacomazzi, P., Pattavina, A. Multistage shuffle networks with shortest path and deflection routing for high-performance ATM switching: the closed-loop shuffleout 96171
Decina, M., Mossotto, C., Roveri, A. The ATM test bed: an experimental platform for broadband communications 96127
Decina, M., Trecordi, V., Zanolini, G., Zucca, D. Two simple techniques for broadcasting in deflection routing multichannel MANs 52178
Decina, M. *see* Bassi, S. 96283
Decina, M. *see* Cappellini, G. 74640
Decker, B.De *see* De Decker, B.
Decker, C. *see* Katsouleas, T. 76372
Decker, D.de *see* de Decker, D.
Decker, D.L. Conduit or cable tray: the choice is yours 79061
Decker, F.-J. FFT-oriented feedback 76479
Decker, F.-J. Transverse effects of longitudinal wakefields at high dispersion 87889
Decker, F.-J., Brown, R., Seeman, J.T. Beam size measurements with noninterceptive off-axis screens 76614
Decker, F.-J., Limberg, T., Minty, M., Ross, M. Bunch length measurements in the SLC damping ring 76593
Decker, F.-J. *see* Adolphsen, C. 66964
Decker, F.-J. *see* Adolphsen, C. 76537
Decker, F.-J. *see* Seeman, J.T. 87898
Decker, F.-J. *see* Spence, W.L. 87887
Decker, F.J. *see* Krejcik, P. 87900
Decker, G. Abort interlock diagnostic for protection of APS vacuum chamber 76462
Decker, G. *see* Chung, Y. 66897
Decker, G. *see* Chung, Y. 76474
Decker, G. *see* Chung, Y. 76478
Decker, G. *see* Chung, Y. 76488
Decker, G.A. *see* Lenkszus, F.R. 76840
Decker, I. *see* Heyn, H. 94575
Decker, I. *see* Klein, T. 94700
Decker, P., Pertz, U. Simulative performance assessment of the non-transparent FAX transmission in the GSM system 74893
Deckers, T. *see* Appuhn, R.D. 98542
Deckmann, S.M., da Costa, V.F. A power sensitivity model for electromechanical oscillation studies 77846
DeCleene, B., Pancha, P., El Zarki, M., Sorensen, H. Comparison of priority partition methods for VBR MPEG 64755
DeCleene, B., Sorensen, H. Multiresolution vector transform coding for video compression 85037
Declerck, G. *see* Gutierrez-D, E.A. 62804
Declercq, M. *see* Reimann, T. 93678
Deconinck, F. *see* Qin-Sheng Chen 74556
Decool, P. *see* Bessette, D. 82324
Decossas, J.L. *see* Darraud, C. 63336
Decossas, J.L. *see* Darraud, C. 82518
Decossas, J.L. *see* Darraud, C. 82670
Decoster, A. *see* Jacquemot, S. 50742
Decoster, D. *see* Gouy, J.P. 72611
Decoster, D. *see* Harari, J. 72610
Decoster, D. *see* Peredo, E. 50674
Decotignie, J.-D., Raja, P. Fulfilling temporal constraints in fieldbus 85830
Decotignie, J.D. *see* Raja, P. 85831
DeCoulon, Y. *see* Smith, T. 98314
Decreton, M., Deparis, O., Van Beckhoven, D., Vos, F. High gamma dose tolerant glasses for vision systems in nuclear applications 72533
Decurnex, Ch., Fruh, R., Ligou, J. Direct calculations of kinetic parameters 53899
DeCurtins, J., Cowan, C.K. Visual registration for robotic operations on Space-Shuttle tiles 53489
DeDad, J.A. L.A. quake causes unique electrical problems 68227
DeDad, J.A. Beware of tripping problems with premium-efficiency motors 89807
DeDad, J.A. Temporary classroom wiring at quake damaged Northridge Campus 99671
Dede, E.J., Esteve, V., Garcia, J., Navarro, A.E., Carrasco, J.A. On the design of high frequency series resonant converters for induction heating applications 100337
Dede, E.J., Esteve, V., Garcia, J., Navarro, A.E., Maset, E., Sanchis, E. Analysis of losses and thermal design of high-power, high-frequency resonant current fed inverters for induction heating 90658
Dede, E.J., Jordan, J., Esteve, V., Gonzalez, J.V., Ramirez, D. Design considerations for induction heating current-fed inverters with IGBT's working at 100 kHz 60337
Dedek, L., Sikora, J., Stodolski, M. Sequential quadratic programming method for optimization of electrical equipment design 68513
Dedic, A. *see* Torkar, D. 75676
Dedic, I. A sixth-order triple-loop sigma-delta CMOS ADC with 90 dB SNR and 100 kHz bandwidth 92325
Dedieu, G. *see* Cabot, F. 77222
Dedieu, G. *see* Cabot, F. 77583
Dedieu, H., Chetelat, O. Automatic derivation of adaptive algorithms for a large class of filter structures 84303
Dedieu, H., Dehollain, C., Neirynck, J., Rhodes, G. New broadband-matching circuit 49044
Dedieu, H., Dehollain, C., Neirynck, J., Rhodes, G. A new method for solving broadband matching problems 92433
Dedieu, H., Ogorzalek, M. Controlling chaos in Chua's circuit via sampled inputs 61499
DeDomenico, R. *see* Marquardt, C.L. 56883
Dedunovich, M.A. *see* Vorob'ev, Y.P. 61912
Dedushenko, K.B. *see* Bykovskii, Yu.A. 63810
Dedushenko, K.B. *see* Bykovskii, Yu.A. 83106
Dedyk, A.I., Ter-Martirosyan, I.T. Nonlinear capacitor with space charge 70942
Dee, R.H., Franzel, K.S., Jurneke, J. Pattern dependent overwrite on thick media 50363
Dee, R.H. *see* Ramesh, M. 50339
Dee-Son Pan *see* Boric-Lubecke, O. 92558
Deeb, N. *see* Ouyang, Z. 78043
Deeb, N.I. *see* Abdul-Rahman, K.H. 89321
Deedy, S. *see* Davies, O. 68861
Deeley, E. *see* Bryant, C.F. 83708

Deeley, E.M. Microstrip calculations using an improved minimum-order boundary element method 80551
Deeley, E.M. Improved impedance boundary condition for finite elements by cross-coupling at corners 83494
Deely, J.J., Keats, J.B. Bayes stopping rules for reliability testing with the exponential distribution 69646
Deemter, J.H.van *see* van Deemter, J.H.
Deen, M.J. *see* Liang, J. 93384
Deen, M.J. *see* Lu, X. 93383
Deen, M.J. *see* Ma, C.L.F. 97278
Deep, G.S. *see* Freire, R.C.S. 75932
Deep, G.S. *see* Freire, R.C.S. 97958
Deep, G.S. *see* Lima, A.M.N. 75933
Deep, R.G. *see* Driggers, R.G. 76082
Deergha Rao, K., Reddy, D.C. A new method for finding electromagnetic emitter location 95437
Deering, M.F., Schlapp, S.A., Lavelle, M.G. FBRAM: a new form of memory optimized for 3D graphics 80336
Deeter, M.N. High sensitivity fiber-optic magnetic field sensors based on iron garnets 87253
Deeter, M.N., Day, G.W., Wolfe, R., Fratello, V.J. Magneto-optic magnetic field sensors based on uniaxial iron garnet films in optical waveguide geometry 52814
Defang Shen *see* Shen Defang
Defaux, J.-M. Lightning and antennas: protection of TDF sites 74783
Defee, I. *see* Jarske, T. 84918
Defee, I. *see* Soininen, R. 85012
Deferm, L. *see* Gutierrez-D, E.A. 62804
Deferm, L. *see* Van Houdt, J. 80326
DeFerrari, H.A., Williams, N.J., Nguyen, H.B. A synthetic bandwidth measurement system for acoustic remote sensing of geoacoustic properties of bottom sediments 88809
DeFevere, D.A. *see* Kish, F.A. 94290
DeFevere, D.C. *see* Kish, F.A. 56567
Deffenbaugh, M., Schmidt, H., Bellingham, J.G. Acoustic navigation for Arctic under-ice AUV missions 77549
Deffenbaugh, M. *see* Bellingham, J.G. 97443
DeFord, J. *see* Hartung, W. 87731
Defoug, S. *see* Kaczmarek, R. 63197
Defour, M. *see* Breugnot, S. 73061
Defourny, P., Pradhan, U., Shrestha, S. A land cover monitoring system for Cambodia: preliminary results 67890
Defranceschi, M. *see* Fischer, P. 79674
DeFranza, M.J. *see* Cohen, M.S. 83043
DeFranza, M.J. *see* Cohen, M.S. 97364
Defrise, D. *see* Jongen, Y. 59011
Defrise, M. *see* Townsend, D.W. 98819
Defu Zhang *see* Zhang Defu
Degani, M.H. *see* Scalvi, L.V.A. 50664
Degauque, J. *see* Crottier-Combe, S. 63144
Degauque, J. *see* Gannac, Y. 56206
Degauque, P. *see* Lienard, M. 57107
DeGelormo, J.F. *see* Ransom, C.M. 55590
DeGelormo, J.F. *see* Ransom, C.M. 71272
Degen, C.M. *see* Ryan, W.A. 76490
Degen, L., Mander, R., Salomon, G. Working with audio: integrating personal tape recorders and desktop computers 66092
Degeneff, R.C., Joseph, J., Kaminski, D., Salon, S., Burns, C. A method for predicting the operating condition and performance of power transformer coolers 78682
Degeneff, R.C. *see* Gutierrez, M. 83498
Degener, J. Digital speech compression 95322
Degener, T. A feed forward neural network for recognition of fluctuations in electromagnetic showers 88145
Degenford, J.E. *see* Cohn, M. 80833
Degenhart, H.J. *see* De Bruin, N.C. 67589
Degerstrom, M. *see* Bhatia, H. 91058
Degerstrom, M. *see* Heid, L. 91032
Degertekin, F.L., Jun Pei, Khuri-Yakub, B.T. Material characterization using Hertzian point contact transducers 91660
Degertekin, F.L., Pei, J., Lee, Y.J., Khuri-Yakub, B.T., Saraswat, K.C. In-situ ultrasonic thermometry of semiconductor wafers 93104
Degertekin, F.L. *see* Saraswat, K.C. 62352
Degertekin, F.L. *see* Yong Jin Lee 93096
DeGraaf, S.R. Sidelobe reduction via adaptive FIR filtering in SAR imagery 65890
DeGraaf, S.R. SAR imaging via modern 2-D spectral estimation methods 75559
Degraeve, R., De Wolf, I., Groeseneken, G., Maes, H.E. Analysis of externally imposed mechanical stress effects on the hot-carrier-induced degradation of MOSFET's 62771
Degrauwe, M. *see* Smith, T. 98314
DeGroat, J.E. *see* Powley, G.S., Jr. 55311
DeGroat, R.D. *see* Dowling, E.M. 57553
DeGroat, R.D. *see* Dowling, E.M. 73277
DeGroat, R.D. *see* Dowling, E.M. 84310
DeGroat, R.D. *see* Hao Ye 95622
DeGroat, R.D. *see* Linebarger, D.A. 74199
DeGroat, R.D. *see* Linebarger, D.A. 84533
DeGroot, J., Schwab, E.C. Understanding time-compressed speech: the effects of age and native language on the perception of audiotext and menus 95249
Degtyar', Yu.A. *see* Antonov, A.N. 92465
Degtyarenko, P.V. *see* Akimov, V.A. 53286
Deguchi, H. *see* Komoda, K. 52743
Deguchi, H. *see* Komoda, T. 72121
Deguchi, K., Miyoshi, K., Ban, H., Matsuda, T. Application of SOR lithography to 0.2 μm LSI fabrication 81738
Deguchi, K. *see* Horiuchi, T. 62596
Deguchi, K. *see* Kado, Y. 91955
Deguchi, K. *see* Konaka, S. 49932
Deguchi, K. *see* Lee, C.-K. 96031
Deguchi, K. *see* Morishita, I. 76068
Deguchi, K. *see* Somemura, Y. 93280
Deguchi, M. *see* Arimoto, S. 100576
Deguchi, M. *see* Sasaki, H. 78825
Deguchi, T. *see* Hirao, T. 82107
Degui Chen *see* Chen Degui
DeHaan, T.E. Ohio plant taps local landfill methane in co-firing scheme 78403
DeHaven, R. *see* Lynch, M.T. 76295
DeHaven, R. *see* Rusnak, B. 67128
Dehen, J., Barth, W., Schempp, A., Deitinghoff, H. Transport of ions in RFQ−accelerators 76528
Dehen, J., Deitinghoff, H., Klein, H., Sarstedt, M., Schempp, A., Thomae, R. Design study of an energy-variable RF-accelerator for ion implantation 59010
Deheng Pan *see* Pan Deheng
Dehesa, J.S. *see* Zarzo, A. 69882
Dehkordi, P., Bouldin, D.W. Design for packageability−the impact of bonding technology on the size and layout of VLSI dies 54527
Dehler, M., Weiland, T. A new spectral domain technique for the calculation of eigenvalues in curvilinear coordinates 79526
Dehlin, B. *see* Eberle, G. 93737
Dehning, B. *see* Arnaudon, L. 66851
Dehollain, C. *see* Dedieu, H. 49044
Dehollain, C. *see* Dedieu, H. 92433
DeHon, A. DPGA-coupled microprocessors: commodity ICs for the early 21st Century 70605
DeHon, A., Chong, F., Becker, M., Egozy, E., Minsky, H., Peretz, S., Knight, T.F., Jr. METRO: a router architecture for high-performance, short-haul routing networks 52134
Dehong Xu *see* Xu Dehong
DeHope, W., Felch, K., Hu, G., Mizuhara, M., Neilson, J., Reysner, P., Schumacher, R., Stockwell, B., Baikcum, A., Chong, C., Luhmann, N., Jr., McDermott, D. Initial tests of a high power, broadband, harmonic gyroTWT 92901
DeHope, W., Hu, G., Mizuhara, M., Neilson, J., Schumacher, R., Chong, C., Lin, A., Luhmann, N., Jr., McDermott, D., Stewart, T. Design and development of a third harmonic, 95 GHz gyroTWT 62122
Dehua Han, Zheng Yang Magnetization reversal mechanism of the chain of two oblate ellipsoids 56197
Dehuang Wang *see* Wang Dehuang
Dehui Fu *see* Fu Dehui
Deib, D.A., Hill, H.W. A new control strategy for static VAr compensators for minimum harmonic injection 59873
Deib, D.A., Hill, H.W. Optimal firing-angle control of cascaded HVDC converters for minimum reactive power demand 60336
Deib, D.A., Hill, H.W., Shepherd, W. Optimal firing-angle control of cascaded HVDC converters for minimum harmonic currents 89206
Deichsel, J. *see* Herman, R.M. 86224
Deido, T. *see* Chiba, A. 60216
Deierlein, P. Controlling thermally induced level changes in tapped feeder distribution systems 66050
Deif, A.S. *see* Seif, N.P. 61166
Deimel, P.P. *see* Wagner, D. 52808
Deineko, V., Rudolf, R., Woeginger, G.J. A general approach to avoiding two by two submatrices 69845
Deiri, M.Z. *see* Botros, N.M. 64378
Deis, G., Bowers, J., Chargin, A., Heim, J., House, A., Johnson, C., Oberst, G., Pedrotti, L., Swan, J., Warren, R., Wineman, S., Yamamoto, R., Camille, R., East, G., Marston, P., Minervini, J., Myatt, R., Myatt, S., Pillsbury, R., Piek, Z., Smith, B., Sullivan, J., Titus, P., Vieira, R., Krupczak, J., Martovetsky, N., Pace, J., Reardon, P., Richardson, R., Richied, D., Sidi-Yekhlef, A., Wilson, M., Stroynowski, R., Bohanan, J., Gertsen, J., Heck, J., Howell, N., King, B., Robinson, S., Rollins, J. The superconducting solenoid magnet system for the GEM detector at the SSC 87958
Deis, G. *see* Heim, J. 88070
Deitche, J., Kempe, M., Rudolph, W. Resolution in nonlinear laser scanning microscopy 73196
Deitinghoff, H. *see* Dehen, J. 59010
Deitinghoff, H. *see* Dehen, J. 76528
Deitinghoff, H. *see* Kipper, A. 76527
Deits, S., Self, J., Larson, J. Tensile pull testing of 25-mil-pitch soldered SMT leads for soldering process characterization 92734
Deits, S.H., Self, J.A., Larson, J.D., Claridge, W.J. Fine pitch surface mount solder joint rework reliability study 92720
Dejaeger, E. *see* Garrido, M. 90074
Dejian Chen *see* Zechang Sun 100810
Dejiang Li *see* Li Dejiang
DeJong, E. *see* Lewicki, S. 75695
DeJong, G.A. *see* Ito, A. 71825
deJong, M.S. *see* Schwarz, H.D. 67134
Dejous, C. *see* Rebiere, D. 66181
Dejsakulrit, D., Perera, B.S.P., Chicharo, J.F. A novel equal sampling switching strategy for active power filters 61503
DeJule, M.C. *see* Riza, N.A. 72477
Dejun Cai *see* Cai Dejun
Dejun Wang *see* Wang Dejun
Dejung Wang *see* Wang Dejung
Dejus, R. *see* Zhibi Wang 87761
Dejus, R.J. Computer simulations of the wiggler spectrum 88275
Dekang Liu *see* Liu Dekang
Deken, K.F. Matching A-S drives to applications 69102
Deken, K.F. Which type of A-S drive is best? 78845
Dekhissi, H. *see* Cecchini, S. 88183
Deki, H., Ohmura, M., Miyazaki, S., Hirose, M. Narrow-bandgap a-Ge:H/a-Si:H multilayers for amorphous silicon-based solar cells 100596
Dekker, A.H. Kohonen neural networks for optimal colour quantization 84751
Dekker, L. *see* Frietman, E.E.E. 50622
Dekker, N.H. *see* Deshpande, M.R. 62624
Dekker, R. On the use of operations research models for maintenance decision making 79228
Dekker, R., Groenendijk, W. Availability assessment methods and their application in practice 79492
Dekker, R., Ligthart, M., Lapides, L. HDL synthesis for FPGA design 92081
Dekker, R., van der Einden, W.T.A., Maas, H.G.R. An ultra low power lateral bipolar polysilicon emitter technology on SOI 93580
Dekkers, E. *see* Botman, J.I.M. 76696
Dekking, F.M. *see* Bedford, T. 95794
Deknuydt, B., Desmet, S., Van Eycken, L., Oosterlinck, A. A space domain coding method, suitable for coding motion compensated difference images 64690
Deknuydt, B. *see* Desmet, S. 64655
del Alamo, J.A. *see* Eugster, C.C. 61778
Del Alamo, J.A. *see* Eugster, C.C. 62245
del Alamo, J.A. *see* Greenberg, D.R. 56036
del Alamo, J.A. *see* Greenberg, D.R. 81944
del Alamo, J.A. *see* Moolji, A.A. 81937
del Alamo, J.A. *see* Somerville, M.H. 62252
del Barrio, G.Carpintero *see* Carpintero del Barrio, G.
Del Bianco, A., Baldini, F., Bacci, M., Wolfbeis, O.S., Klimant, I. Oxygen detection via optical fibers using bis(histidinato)cobalt(II) as indicator 58899
Del Bimbo, A., Nesi, P., Sanz, J.L.C. Optical flow estimation by using classical and extended constraints 57798
Del Bimbo, A., Nesi, P., Sanz, J.L.C. Innovative multipoint solutions for optical flow estimation with different constraints 84887
Del Bimbo, A., Vicario, E. Transport measurements over an Ethernet LAN 58140
Del Bimbo, A. *see* Ben-Tzvi, D. 84886
Del Bimbo, A. *see* Bucci, G. 58150
Del Buono, L. *see* Alippi, C. 53346
Del Castillo, E., Montgomery, D.C. Short-run statistical process control: Q-chart enhancements and alternative methods 48708
Del Castillo, H.M. *see* Park, J.S. 58746
Del Castillo, H.M. *see* True-Lon Lin 52870
del Castillo, H.M. *see* True-Lon Lin 66318
Del Corso, D. *see* Reyneri, L.M. 49606
del Cueto, J. *see* Jianping Xi 100527
Del Frate, F. *see* Baronti, S. 77655
Del Giudice, D. *see* Baraldi, P. 59261
Del Grande, N. Temperature evaluated mine position survey (TEMPS) application of dual-band infrared methodology 67916
Del Guerra, A. *see* Alfano, B. 59375
Del Guerra, A. *see* Bandettini, A. 59109
Del Guerra, A. *see* Bandettini, A. 76979
Del Guerra, A. *see* Bencivelli, W. 88436
Del Guerra, A. *see* Bernini, U. 52878
Del Guerra, A. *see* Conti, M. 59206
Del Guerra, A. *see* Conti, M. 59364
Del Guerra, A. *see* Frontera, F. 76862
Del Marco, S., Weiss, J. M-band wavepacket-based transient signal detector using a translation-invariant wavelet transform 74045
Del Marco, S., Weiss, J., Jagler, K. Wavepacket-based transient signal detector using a translation invariant wavelet transform 57598
del Moral, A. *see* Arnaudas, J.I. 71962
del Papa, C. *see* Beaumont, S.P. 88037
Del Papa, C. *see* Nava, F. 98507
del Peral, L., Medina, J., Bronchalo, E. Low energy ion identification method using a silicon semiconductor detector telescope 87992
Del Re, E., Fantacci, R. An advanced satellite communication system with on-board fast packet switching capabilities 52446
Del Re, E., Fantacci, R., Giambene, G. Performance analysis of a dynamic channel allocation technique for terrestrial and satellite mobile cellular networks 86184
del Real, R.P., Prados, C., Conde, F., Hernando, A. Magnetic properties of $Fe_{73.5}Cu_1Nb_3Si_{16.5}B_6$ coated with sputtered SiO_2 72002
del Real, R.P. *see* Prados, C. 87451
del Rio, J. *see* Rodriguez, T. 62161
del Rio, J.A. *see* Taguena-Martinez, J. 49771

del Rio, L.D. *see* Perez, S.M. 75121
del Rio, M.Sanchez *see* Sanchez del Rio, M.
del Rosario, J.M., Choudhary, A.N. High-performance I/O for massively parallel computers: problems and prospects 52067
Del Tin, G. *see* De Salve, M. 99877
Del Val, D. *see* Vina, A. 74818
Delabie, C., Delplanque, Y., Pribetich, P., Kennis, P. Matched loads simulation using ghost basis functions for moment-method analysis: applications to microwave planar circuits 92504
Delacenserie, M., Carbonneaux, M. How full is your SG? 53883
Delacourt, D., Armani, F., Papuchon, M. Second-harmonic generation efficiency in periodically poled $LiNbO_3$ waveguides 63980
Delaere, D. *see* Vandermeulen, D. 98796
Delage, A. *see* Normandin, R. 94462
Delage, S.L., Blanck, H., Chartier, E., Cassette, S., Floriot, D., Perreal, Y., Pons, D., Roux, P., Bourne, P., Chaumas, P. GaInP/GaAs heterojunction bipolar transistor. Technology and microwave performances 70895
Delage, S.L. *see* Blanck, H. 80768
Delage, S.L. *see* Blanck, H. 80818
Delage, S.L. *see* Chartier, E. 70898
Delagnes, E. *see* Flament, O. 70769
Delagnes, P., Benois, J., Barba, D. "Adjustable polygons": a novel active contour model for objects tracking on complex background 74296
Delagrange, H. *see* Beaucour, J. 69537
Delahaye, F. DC and AC quantum Hall measurements 86851
Delahaye, F., Witt, T.J., Piquemal, F., Geneves, G. Comparison of quantum Hall effect resistance standards of the BNM/LCIE and the BIPM 86862
Delahoy, A.E., Britt, J., Faras, F., Ziobro, F., Sizemore, A., Butler, G., Kiss, Z. Progress in $CuInSe_2$ and $CuIn(Se,S)_2$ module development 90438
Delaite, R. *see* Valentin, J.-P. 52804
Delamare, J., Olivier-Rulliere, E., Yonnet, J.-P., Bigeon, J. 3D calculation of permanent magnet interactions 83527
DeLancey, W.M. *see* Scozzie, C.J. 62868
Delaney, M. *see* Matloubian, M. 61935
Delaney, M.I. *see* Pospieszalski, M.W. 80693
Delaney, M.J. *see* Hafizi, M. 55923
Delaney, M.J. *see* Hafizi, M. 61913
Delaney, P.A. Signal detection using third-order moments 57443
Delaney, P.A. Performance limits of a large passive array 97476
Delaney, P.A., Walsh, D.O. A bibliography of higher-order spectra and cumulants 73972
Delaney, P.A. *see* Warrick, A.L. 95534
Delano, E. *see* Rashid, E. 92286
Delanoy, R.L. *see* Troxel, S.W. 77201
Delanoy, R.L. *see* Wolfson, M.M. 77202
DeLap, R., Hero, A. A new method for adaptive wideband beamforming 84458
Delaplace, J., Sicard, B., Malmejac, Y., Cacheux, J. Space applications for plutonium 238 67732
Delarbre, A. *see* Sevenhans, J. 97137
DeLaRue, R.M. *see* Krauss, T. 56766
DelaRue, R.M. *see* Krauss, T. 83081
Delaunay, M. *see* Melin, G. 53148
Delaunay, M. *see* Melin, G. 76747
DeLaurentis, J. *see* Gheen, G. 51576
Delavar, M.R. International remote sensing research and development programs 67906
Delavaux, J.-M.P., Nuyts, R.J., Mizuhara, O., Nagel, J.A., DiGiovanni, D.J. REAP: recycled erbium amplifier pump 50773
Delavaux, J.-M.P. *see* Chen, C.D. 75394
Delavaux, J.-M.P. *see* Nuyts, R.J. 86400
Delavaux, J.M.P., Badulak, G.T., Park, Y.K., Mizuhara, O., Yanushefski, K.A., Nguyen, T.V., Kao, M.L., Tzeng, L.D., Yeates, P.D. High performance 980 nm EDFAs for repeaterless high bit rate optical transmission system 56730
Delay, P. *see* Wilson, S.K. 66599
Delayen, J.R., Bohn, C.L., Kennedy, W.L., Sagalovsky, L. Design considerations for high-current superconducting RFQ's 67081
Delayen, J.R., Bohn, C.L., Micklich, B.J., Roche, C.T., Sagalovsky, L. Design considerations for high-current superconducting ion linacs 76302
Delayen, J.R. *see* Bohn, C.L. 87856
Delayen, J.R. *see* Sagalovsky, L. 67039
Delbrouck, L.E.N. Closed-form approximations for the means of queue size buildups and depletions in a simple ATM system 85232
Delchamps, D.F. Nonlinear dynamics of oversampling A-to-D converters 75899
Delchamps, S.W. *see* Jaffery, T.S. 76656
Delchamps, S.W. *see* Wake, M. 87685
Delcourt, B. *see* Buon, J. 76616
Delcourt, H., De Baerdemaeker, J. Soil nutrient mapping implications using GPS 97200
Deleonibus, S. *see* Ermolieff, A. 71228
Deleroi, W. *see* Antic, D. 54174
Deleuze, G. *see* Gouno, E. 91156
Deleuze, M. *see* Nouel, P. 75673
Delevaque, E. *see* Boj, S. 63741
Delevaque, E. *see* Chusseau, L. 56882
Delevaque, E. *see* Douay, M. 63727
Delevaque, E. *see* Jurdyc, A.M. 50670
Delevaque, E. *see* Poignant, H. 72788
Delevaque, E. *see* Taunay, T. 82583
Delevoye, E. *see* Flament, O. 70769
Delfin, A. *see* Balcazar, M. 88171
Delfino, B., Denegri, G.B., Invernizzi, M., Morini, A., Bertoldi, O., Cicoria, R., Migliardi, P. A KB module to remove real power flow violations while performing load flow calculations 68158
Delfino, B., Pinceti, B. Fieldbus applications for electrical industrial systems 69249
Delfino, M. *see* Tsai, W. 81515
Delforge, E., Lemaire-Semail, B., Brochet, P. Modelling of an asynchronous machine using permeance network and bond-graph method for coupled electric and magnetic circuits resolution 89971
Delfrate, M.Alvazzi *see* Alvazzi Delfrate, M.
Delfyett, P.J. Hybrid mode-locked diode lasers for synchronous optical network applications 75486
Delfyett, P.J. *see* Hong, M.Y. 63838
Delfyett, P.J. *see* Ruan, S. 72767
Delfyett, P.J. *see* Sutkus, K. 50834
Delfyett, P.J. *see* Wullert, J.R., II 82530
Delgado, R.E., Ozdamar, O. Automated auditory brainstem response interpretation 53424
Delgado-Frias, J.G., Sze, R., Summerville, H., Aikens, V. A VLSI CAM-based flexible oblivious router for multiprocessor interconnection networks 49464
Delgrossi, L., Halstrick, C., Hehmann, D., Herrtwich, R.G., Krone, O., Sandvoss, J., Vogt, C. Media scaling for audiovisual communication with the Heidelberg transport system 65126
Delgrossi, L. *see* Katker, S. 58079
Delhaye, I.M. *see* Mpanda-Mabwe, I.B. 89856
Delhaye, J.M. *see* Courtland, M. *(editor)* 90736
Delhaye, M. *see* Beya, K. 78580
Delhaye, M. *see* Mpanda-Mabwe, B. 89848
Delheij, P.P.J. *see* Cummings, W.J. 64116
Delhez, J.L., Hofman, J.M.A., Botman, J.I.M., Hagedoorn, H.L., Kleeven, W.J.G.M., Webers, G.A. An analytical treatment of self fields in a relativistic bunch of charged particles in a circular orbit 87722
Delhez, J.L., Kleeven, W.J.G.M., Hagedoorn, H.L., Botman, J.I.M., Webers, G.A. Example application for the Hamiltonian description of an azimuthally varying field racetrack microtron 76548
Delhez, J.L. *see* Botman, J.I.M. 50884
Delhez, J.L. *see* Webers, G.A. 76547
Delhomme, G., Newman, W.H., Roussel, B., Jouvet, M., Bowman, H.F., Dittmar, A. Thermal diffusion probe and instrument system for tissue blood flow measurements: validation in phantoms and in vivo organs 76882
Delhomme, G. *see* Arnaud, F. 59257
Deli Zhang, Caimei Guo The countable additivity of set-valued integrals and F-valued integrals 79626
D'Elia, G. *see* Bucci, O.M. 51214
Delian Fu *see* Fu Delian
Delibasis, K., Undrill, P.E. Anatomical object recognition using deformable geometric models 76957
Delignon, Y. *see* Quelle, H.-C. 77500
Delikaris, D., Dauvergne, J.-P., Frandsen, P.K., Haug, F., Passardi, G., Rieubland, J.-M., Schmid, J. Long term experience with cryoplant operation for superconducting magnets and RF cavities at CERN 76646
Delin, K.A. *see* Berman, D. 82387
Delin Li *see* Li Delin
Delince, F., Nicolet, A., Henrotte, F., Genon, A., Legros, W. Influence of hysteresis on the behaviour of coupled finite element—electric circuit models 80937
Delince, F., Nicolet, A., Legros, W., Genon, A. Analysis of ferroresonance with a finite element method taking hysteresis into account 63250
Delingette, H. Simplex meshes: a general representation for 3D shape reconstruction 84693
Delis, A., Roussopoulos, N. Performance and scalability of client-server database architectures 58154
Delisle, G.Y., Haiqing Wu Moving target imaging and trajectory computation using ISAR 75549
Delisle, G.Y. *see* Habel, R.A. 86591
Delisle, G.Y. *see* Luneau, P. 86594
Delisle, J.T. *see* Gouker, M.A. 73486
Delisle, J.T. *see* Gouker, M.A. 80802
Delivorias, P.N., Richter, R.J. Maximum path digraphs 61089
Deliyannis, T. *see* Horianopoulos, S.L. 49560
Dell, G.F. Comparison of aperture determinations on RHIC for single particles tracked 10^6 turns and 100 particles, having randomly generated initial coordinates, tracked for 1000 turns 66891
Dell, G.F. *see* Trbojevic, D. 98408
della Corte, A., Pasotti, G., Sacchetti, N., Spadoni, M., Bonito Oliva, A., Penco, R., Parodi, S., Valle, N., Specking, W. Manufacture and preliminary tests of a 12 T "wind and react" coil 82441
Della Mea, G. *see* Bouclier, R. 88109
Della Mea, G. *see* Bouclier, R. 98617
Della Mea, G. *see* Calabrese, R. 76741
Della Negra, M. *see* Arefiev, A. 88007
Della Negra, M. *see* Gasparini, F. 53303
Della Pietra, S.A. *see* Brown, P.F. 73780
Della Pietra, V.J. *see* Brown, P.F. 73780
Della Ragione, L. *see* Calabria, R. 60561
Della Torre, E. *see* Pardavi-Horvath, M. 50253
Della Torre, E. *see* Vajda, F. 50287
Della Torre, E. *see* Vajda, F. 63239
Della Torre, E. *see* Zhenzhou Guo 63173
Della Torre, E. *see* Zhenzhou Guo 72114
Dellacasa, G. *see* Baglin, C. 59083
Dell'Acqua, A., Alexanian, H., Alippi, C., Appelquist, G., Bailly, P., Benetta, R., Berglund, S., Bezamat, J., Blouzon, F., Bohm, C., Breveglieri, L., Brigati, S., Carlson, P., Cattaneo, P., Dadda, L., David, J., Engstrom, M., Fumagalli, G., Gatti, U., Genat, J.F., Goggi, V.G., Gong, S.F., Hansen, M., Hentzell, H., Hoglund, I., Inkinen, S., Kerek, A., LeDortz, O., Lofstedt, B., Maloberti, F., Nayman, P., Odmark, A., Piuri, V., Polesello, G., Salice, F., Sami, M., Savoy-Navarro, A., Stefanelli, R., Sundblad, R., Svensson, C., Torelli, G., Vanuxem, J.P., Yamdagni, N., Yuan, J. FERMI—a new generation of electronic modules for large data acquisition arrays required by high energy physics 87955
Dell'Acqua, A., Alippi, C., Appelquist, G., Benetta, R., Berglund, S., Bezemat, J., Blouzon, F., Bohm, C., Breveglieri, L., Brigati, S., Carlson, P., Cattaneo, P., Dadda, L., David, J., Engstrom, M., Fumagalli, G., Gatti, U., Genat, J.F., Goggi, G., Hansen, M., Hentzell, H., Hoglund, I., Inkinen, S., Kerek, A., LeDortz, O., Lofstedt, B., Maloberti, F., Nayman, P., Persson, S.T., Piuri, V., Salice, F., Sami, M., Savoy-Navarro, A., Schwemling, P., Stefanelli, R., Sundblad, R., Svensson, C., Torelli, G., Vanuxem, J.P., Yamdagni, N., Yuan, J., Odmark, A. A digital front-end readout microsystem for calorimeters at LHC 98680
Dell'Acqua, A. *see* Alippi, C. 53346
Dell'Acqua, A. *see* Alippi, C. 67381
Dell'Acqua, R. Solder pastes—choice and application 69557
Dell'Agnello, S. *see* Amidei, D. 98639
Dell'agnola, P. *see* Girgiuli, R. 89214
Dellepiane, S. Reducing segmentation errors through iterative region merging 57766
Dellepiane, S. Multilevel segmentation based on region merging 84870
Deller, J.R. *see* Nayeri, M. 84516
Deller, J.R., Jr. Tom, Dick, and Mary discover the DFT 51506
Dellera, D. *see* Cottino, E. 52492
Delley, B., Kiess, H. 2-dimensional simulation of high efficiency silicon solar cells 69006
Delli Priscoli, F., Muratore, F. Study on the integration between the GSM cellular network and a satellite system 52355
Delli Priscoli, F., Muratore, F. Study on the integration between the GSM cellular network and a satellite system 75299
Dellith, M., Booker, G.R., Kolbesen, B.O., Bergholz, W., Gelsdorf, F. On the formation of trench-induced dislocations in dynamic random access memories (DRAMs) 80335
Dello Russo, P. *see* Camarda, P. 96710
Dell'Orco, D. *see* Wang, S.-T. 82477
dell'Orto, T. *see* Abrami, A. 98715
Dellunde, J., Torrent, M.C., Sancho, J.M., San Miguel, M. Transient dynamics of a laser under a fluctuating weak external field 72664
Dellwo, J. *see* Alton, G.D. 53200
Dellwo, J. *see* Alton, G.D. 67281
Delmas, C., Cognac-Auradou, H., Cocciantelli, J.M., Menetrier, M., Doumerc, J.P. The $Li_xV_2O_5$ system: an overview of the structure modifications induced by the lithium intercalation 90358
Delmas, R. *see* Lemonnier, B. 88813
Delmere, Ch. *see* Akbari, H. 76610
Delmerico, R.W. *see* Nyati, S. 68065
Delmore, B. *see* Bhatia, H. 91058
DeLoach, C.A., Parks, H.G., Beck, S.E. Evaluation of metallization systems with test structures and yield modeling 49924
DeLoach, L.D., Payne, S.A., Chai, B.H.T., Loutts, G. Laser demonstration of neodymium-doped strontium chlorovanadate 82963
DeLoach, L.D., Payne, S.A., Kway, W.L., Tassano, J.B., Dixit, S.N., Krupke, W.F. Vibrational structure in the emission spectra of Yb^{3+}-doped apatite crystals 94392
DeLoach, L.D. *see* Payne, S.A. 72720
Deloddere, D., Verbiest, W., Verhille, H. Interactive video on demand 52717
Deloddere, D. *see* Petit, G.H. 86778
Deloffre, F. *see* Garnier, F. 55582
Deloffre, F. *see* Horowitz, G. 81983
Delogne, P., Cuvelier, L., Maison, B., Van Caillie, B., Vandendorpe, L. Improved interpolation, motion estimation, and compensation for interlaced pictures 84762
Delogne, P. *see* van Noorden, L. 97528
Delogne, P. *see* Vandendorpe, L. 74314
DeLombard, R. *see* Baugher, C.R. 77108
DeLong, K.W., Trebino, R. Measuring the intensity and phase of two ultrashort pulses on a single shot 73005
DeLong, K.W., Trebino, R., Kane, D.J. Comparison of ultrashort-pulse frequency-resolved-optical-gating traces for three common beam geometries 83240

DeLong, K.W. *see* Kane, D.J. 72995
DeLong, K.W. *see* Kohler, B. 83234
DeLong, M.C. *see* Arent, D.J. 56524
Delonge, T. *see* Fouckhardt, H. 65778
Delopoulos, A., Tirakis, A., Kollias, S. Invariant image classification using triple-correlation-based neural networks 64723
Delorme, C., Hamidoune, Y.O. On products of sets in groups 79607
Delorme, F., Nakajima, H., Alletru, C., Slempkes, S., Pierre, B. A new distributed Bragg reflector laser for improved tuning 83165
Delorme, F. *see* Rose, B. 56813
Delos, E. *see* Bollaert, S. 93493
Delos, O., Quisquater, J.-J. Efficient multi-signature schemes for cooperating entities 73639
Delouis, I. *see* Krivine, J.P. 99621
Delp, E.J. *see* Cook, G.W. 95952
Delp, E.J. *see* Ke Shen 64688
Delp, E.J. *see* Stevenson, R.L. 51650
Delp, E.J. *see* Wang, B. 84943
Delpiano, F., Paoletti, R., Audagnotto, P., Puleo, M. High frequency modeling and characterization of high performance DFB laser modules 83044
Delpiano, F. *see* Caldera, C. 97303
Delpierre, P. *see* Bosisio, L. 59074
Delpierre, P. *see* Dierickx, B. 67378
Delpierre, P. *see* Jaeger, A.A. 67370
Delpierre, P. *see* Jaeger, J.J. 67373
Delpino, F., Madrangeas, V., Billonnet, L., Jarry, B., Guillon, P. Dual-mode dielectric-resonator microwave active filters 49523
Delpizzo, V. *see* Borghesi, J.L. 77091
Delplanque, Y., Huret, F., Kennis, P., Pribetich, P. Quasicomplex modes of boxed coplanar lines on lossy dielectric substrate for millimeter-wave applications 73433
Delplanque, Y. *see* Delabie, C. 92504
Delport, G.J. A simulation model for integrated mine energy systems planning 90697
Delport, V., Liesch, D. Fuzzy-c-mean algorithm for codebook design in vector quantisation 64306
Delport, V., Neubert, U. Encoding of image sequences according to the principle of vector quantisation. II 95849
Delport, V.Von *see* Von Delport, V.
Delpy, D.T. *see* Firbank, M. 88452
DelRe, S. *see* Garber, M. 82418
Delrosso, G., Szabo-Miszenti, G., Grasso, G. MCM technology makes the miniaturized optical Er-doped fiber amplifier a reality 94387
Delsanto, P.O. *see* Kline, R.A. 91656
Delsart, Ph. *see* de Mascureau, J. 67025
Delsart, Ph. *see* Eyharts, Ph. 66799
Delsing, P., Chen, C.D., Claeson, T., Davidsson, P., Jonson, B., Lindroos, M., Norrman, S., Nyman, G., Qutaishat, S. A new temperature sensor in low-temperature composite bolometers for high resolution spectroscopy of nuclear radiation 53072
Delsing, P., Chen, C.D., Haviland, D.B., Harada, Y., Claeson, T. Charge solitons and quantum fluctuations in two-dimensional arrays of small Josephson junctions 82373
Delsing, P. *see* Davidsson, P. 98546
Delsing, P. *see* Harada, Y. 72236
Delsing, P. *see* Pashkin, Yu.A. 63316
Delson, J.K. Thermal stress computation for steam-electric generator dispatch 59725
DeLuca, C. *see* McCarthy, D.F. 76084
Deluchat, P. *see* Claraz, J.L. 77769
Delves, L.M. *see* Pryde, G.C. 75623
Delyagin, G.N. *see* Isaev, V.V. 99945
DeMaggio, G.B. *see* Gidley, D.W. 81162
Demaio, M., Kafka, H.J. Broadband applications and services prospectus 51946
DeMaio, M. *see* Desai, S. 65184
Demandt, R. *see* Rikken, G.L.J.A. 71203
Demarchi, D., Masera, G., Piccinini, G. A VLSI processor array for graph isomorphism 55285
Demarchio, A. *see* Costanzo, G. 75835
DeMarco, C.L. *see* Dobson, I. 77818
DeMarco, C.L. *see* Overbye, T.J. 59775
DeMarco, J. *see* Pierrat, C. 62581
Demarco, J. *see* Pierrat, C. 81612
DeMarco, J.L. Hot air leveling migration into assembly technologies 92783
DeMarco, N. *see* Baglin, C. 59083
Demarest, K., Plumb, R., Zhubo Huang Modeling baluns with the method of moments 73567
Demaria, T., Fioretto, G., Perretti, E., Serafini, D. MAN/ATM interworking functionalities and interworking unit structure 58166
DeMaris, J.E. *see* Brewer, J.E. 80347
Demarne, V., Romanowicz, B., Grisel, A., Fournier, J. Domestic gas detection system using two SnO_2 integrated sensors 66565
DeMarrais, J. *see* Adleman, L.M. 73754
DeMarsh, L.E. Displays and colorimetry for future television 97638
DeMarta, S. *see* Zanelli, C.I. 98940
Demartines, P., Herault, J. Representation of nonlinear data structures through a fast VQP neural network 83974
DeMassa, T.A. *see* Jyegal, J. 62135
DeMassa, T.A. *see* Jyegal, J. 81982
Demassieux, N. *see* Nourji, K. 74503
DeMaster, J. *see* Brown, D. 89096
Demattio, H., Rusch, K.D., Susser, M. Automatically controlled low temperature sensor calibration facility 97965
Demay, B. *see* Remiot, C. 87607
DeMay, D. *see* Yanof, A. 81586
DeMay, D.D. *see* Liebmann, L.W. 81587
Dembo, A. *see* Kawabata, T. 95587
Dembo, A. *see* Shamai, S. 51503
Dembovetsky, V.V. *see* Averbukh, B.B. 56638
Dembowski, J. *see* Fischer, G. 49014
Demchenko, Y.V., Semerenko, M.M. Open test and measurement systems application in holography and optics 83374
Demchishin, E.I. *see* Bulat, L.P. 75903
Demchuk, M.I., Kuleshov, N.V., Mikhailov, V.P. Saturable absorbers based on impurity and defect centers in crystals 83305
Demchuk, M.I. *see* Kalashnikov, V.L. 56689
Demchuk, M.I. *see* Kalashnikov, V.L. 63689
Demcko, J.A. *see* Karady, G.G. 78873
Deme, S., Feher, I., Felszerfalvi, J. Glow curve characteristics of the bulb type TL dosimeters 67646
DeMeersman, R. *see* Seshadri, K. 67436
Demeester, F., Van Brussel, H., Vanherck, P. Influence of gravitation on translational accelerometer measurements 58729
Demeester, P. *see* Blondelle, J. 94289
Demeester, P. *see* Buydens, L. 82710
Demeester, P. *see* De Boeck, J. 91486
Demeester, P. *see* Moerman, I. 83086
Demenko, A. Time-stepping FE analysis of electric motor drives with semiconductor converters 90482
Demenko, A. *see* Nowak, L. 51042
Dement'ev, D.A., Svet, V.D. Deep-sea signal wavefront reconstruction by the synthetic aperture technique 75660
Dement'ev, D.V., Ivashkin, A.P., Kudenko, Yu.G., Mineev, O.V., Khabibullin, M.M. A detector of neutral pions for investigation of $A(p,\pi^0)X$ reaction at the Moscow Meson Facility 53315
DeMenthon, D.F. *see* Oberkampf, D. 96045
DeMeo, E.A. *see* Goodman, F.R., Jr. 100014
Demerdash, N.A. *see* Alhamadi, M.A. 60242
Demerdash, N.A. *see* Alhamadi, M.A. 60243
Demerdash, N.A. *see* Alhamadi, M.A. 60512
Demers, A., Elrod, S., Kantarjiev, C., Richley, E. A nano-cellular local area network using near-field RF coupling 65370
Demeter, D., Borlon, R. The new TGV units in Belgium [combined cycle power plants] 99955
Demeure, C. *see* Bertel, L. 83675
Demeure, C. *see* Souloumiac, A. 84543
Demey, S., Zisserman, A., Beardsley, P. Affine and projective structure from motion 84648
Demian, A. *see* Brauning, H. 88307
Demianets, L.N. *see* Sharonov, M.Yu. 83031
Demichelis, F., Crovini, G., Pirri, C.F., Tresso, E., Amato, G., Coscia, U., Ambrosone, G., Rava, P. Optimization of $a\text{-}Si_{1-x}C_x$:H films prepared by ultrahigh vacuum plasma enhanced chemical vapour deposition for electroluminescent devices 48982
Demichelis, F., Crovini, G., Pirri, C.F., Tresso, E., Fanclulli, M., Piesarkiewicz, T., Stapinski, T. Structural and optoelectronic properties of doped microcrystalline silicon carbide films 71142
Demidovich, G.V. *see* Demidovich, V.M. 55678
Demidovich, V.B., Komrakova, H.D., Rudnev, V.I., Harfoush, A. Space change of eddy current power by induction heating of steel cylinders 54262
Demidovich, V.M., Demidovich, G.V., Karib'yants, V.R., Kozlov, S.N. Observation of acceptor and donor molecules in electrolyte solutions 55678
Demierre, E., Eberhardt, R., Stettler, U. FTTB pilot network in Switzerland 86390
D'Emilia, G., Iaconis, F. A simple fiber optic sensor for angle measurement 98034
D'Emilio, S. *see* Arri, E. 97760
Demin, A.P., Nagulin, Yu.S., Nagulin, K.Yu. Large polychromator for the 190-1100-nm spectral region 58771
Demin, N.S., Mikhailyuk, V.V. Detection of anomalous noise in the case of continuously-discrete measurement channels 58615
Demin, N.V., Yakimov, A.V. Fluctuations in oscillators with delayed feedback 80172
Demin Wang, Dong-Chen He A fast implementation of 1-D grayscale morphological filters 95747
Demin Wang *see* Wang Demin
Deming Shu *see* Zhibi Wang 87761
Deming Sun *see* Sun Deming
Deming Xu *see* Xu Deming
Demir, A., Liu, E.W.Y., Sangiovanni-Vincentelli, A.L. Time-domain non-Monte Carlo noise simulation for nonlinear dynamic circuits with arbitrary excitations 91841
Demircan, A., Rombach, M., Mauser, W. Extraction of soil moisture from multitemporal, ERS-1 SLC data of the Freiburg test-site 67902
Demircan, A. *see* Tishchenko, J.G. 77512
Demirchyan, R. *see* Zorn, C. 88099
Demizu, K. *see* Asakura, M. 92222
Demjen, C., Kadar, P., Meszaros, P., Szendy, D. An integrated dispatcher training simulator for use in a regional electricity distribution centre 53686
Demko, E. On nonlinear reliability growth 54615
Demkowicz, L. Asymptotic convergence in finite and boundary element methods. I. Theoretical results 61199
Demkowicz, L. Asymptotic convergence in finite and boundary element methods. 2. The LBB constant for rigid and elastic scattering problems 69897
Demmel, E. *see* Schweppe, E.-G. 62096
Demmel, F. New paths in the development of extremely broadband active receiving antennas 57249
Demmel, F. *see* Bruhs, H.-D. 57206
Demmel, M. *see* Auernhammer, H. 100973
Demmer, B. *see* Bochanky, L. 68125
Demmin, J. Quick-turnaround, low-cost MCM prototyping 48672
Demmin, J. *see* Tuckerman, D.B. 48679
Demokan, M.S. *see* Chan, M.F. 59964
Demokan, M.S. *see* Chan, M.P. 86493
Demokan, M.S. *see* Cheung, R.W.L. 59740
Demokan, M.S. *see* Ko, P.K.Y. 86497
Demoli, N. Extended optical correlator system: properties and applications 74354
Demoment, G. *see* Champagnat, F. 84298
Demoment, G. *see* Giovannelli, J.-F. 84416
Demortier, L., Giokaris, N.D., Goulianos, K., Khazins, D.M., Anderson, D.F., Cihangir, S., Para, A., Zimmeramn, J., Budagov, J., Ivanov, G.A., Kalinin, A.I., Kuritsin, A.A., Poroshin, N.O., Tokar, S., Volkov, A.D., Fanourakis, G., Carlsmith, D., Gustafson, H.R., Morgan, M. Performance of a prototype parallel plate electromagnetic high pressure gas calorimeter 59090
Demos, P.T. *see* de Jong, M.S. 67078
Demos, P.T. *see* de Jong, M.S. 67079
Demouchy, G., Boyer, G. Frequency doubling inhibition in optical fibers by preirradiation at 532 nm 73022
Dempsey, D. *see* Capano, M.A. 61398
Dempsey, L. Networks, standards and end-user information services 52157
Dempster, A.G., Macleod, M.D. Multiplication by an integer using minimum adders 51492
Dempster, A.G., Macleod, M.D. Constant integer multiplication using minimum adders 92060
Dempster, A.G., Macleod, M.D. Multiplier blocks and complexity of IIR structures 92405
Dempster, M.A.H. Hierarchical approximation of telecommunications networks 51871
Demroff, H.P. *see* Lee, B. 71036
Demroff, H.P. *see* Smith, D.D. 76847
Demroff, H.P. *see* Smith, D.D. 76848
Demsky, M.I., Vakhrusehin, Yu.P., Baranovsky, A.E., Volzhev, A.A., Luprianov, A.P., Trifonov, D.E. Linear induction accelerators for industrial applications 67022
Demura, T., Oto, T., Kitagaki, K., Ishiwata, S., Otomo, G., Michinaka, S., Suzuki, S., Goto, N., Matsui, M., Hara, H., Nagamatsu, T., Seta, K., Shimazawa, T., Maeguchi, K., Odaka, T., Uetani, Y., Oku, T., Yamakage, T., Sakurai, T. A single-chip MPEG2 video decoder LSI 92280
Demusz, J.N. *see* Wennberg, P.O. 67814
DeMuynck, D.A. *see* Lee, F. 62376
Demuynck, L., Bigorgne, F., Carriere, B., George, A., Michel, J.P., Le Normand, F. Nucleation and growth of diamond on a well-defined Si(311) substrate monitored by in vacuo surface analysis 70114
den Berg, A.van *see* van den Berg, A.
den Berg, F.D.van *see* van den Berg, F.D.
den Berg, G.V.J.van *see* van den Berg, G.V.J.
den Berg, H.van *see* van den Berg, H.
den Berg, J.L.van *see* van den Berg, J.L.
den Berg, P.M.van *see* van den Berg, P.M.
den Berg-Lenssen, M.M.C.van *see* van den Berg-Lenssen, M.M.C.
den Berge, D.J.van *see* van den Berge, D.J.
den Bergh, S.van *see* van den Bergh, S.
den Besten, C., Bergveld, P. A new tonometer based on the application of micro-mechanical sensors 59260
den Boer, H. *see* Haverlag, M. 93161
den Bogaard, A.van *see* van den Bogaard, A.
den Boogaard, A.van *see* van den Boogaard, A.
den Boom, P.A.van *see* van den Boom, P.A.
den Boomgaard, R.Van *see* Van den Boomgaard, R.
den Bos, A.Van *see* Van den Bos, A.
Den Bosch, A.Van *see* Van Den Bosch, A.
Den Bosch, B.Van *see* Van Den Bosch, B.
den Bosch, G.Van *see* Van den Bosch, G.
den Bosch, J.van *see* van den Bosch, J.
den Bosch, P.J.van *see* van den Bosch, P.J.
Den Bosch, P.P.J.Van *see* Van Den Bosch, P.P.J.
Den Bossche, G.Van *see* Van Den Bossche, G.
den Bossche, J.Van *see* Van den Bossche, J.
den Brande, F.Van *see* Van den Brande, F.
den Branden Lambrecht, C.van *see* van den Branden Lambrecht, C.
den Brink, A.van *see* van den Brink, A.
den Brink, R.F.M.van *see* van den Brink, R.F.M.
den Brinker, A.C. Laguerre-domain adaptive filters 57559
den Broeck, T.Van *see* Van den Broeck, T.

den Broeder, F.J.A., Janssen, E., aan de Stegge, J. Effect of Cu spacers on the perpendicular magnetic remanence and $M_r t$-product of Co/Ni multilayers 50237
den Broek, J.G.van *see* van den Broek, J.G.
den Eijkel, G.C.van *see* van den Eijkel, G.C.
den Elsen, P.A.van *see* van den Elsen, P.A.
Den Hartog, D.J. *see* Chapman, B.E. 72590
Den Hartog, J. *see* Bisseling, H. 96859
Den Hartog, P., Dooling, J., Lorello, M., Rathke, J., Carwardine, J., Godden, D., Pile, G., Yule, T., Zinneman, T. Commissioning status of the Continuous Wave Deuterium Demonstrator 76300
Den Heever, D.A.Van *see* Van Den Heever, D.A.
den Hof, P.M.J.Van *see* Van den Hof, P.M.J.
den Hond, F. Life cycle management in the consumer electronics industry 90944
den Horn, B.A.van *see* van den Horn, B.A.
den Hove, L.Van *see* Van den Hove, L.
den Ouden, A., ten Kate, H.H.J. Thermal conductivity of mica/glass insulation for impregnated Nb_3Sn windings in accelerator magnets 93990
den Ouden, A., Wessel, S., Krooshoop, E., Dubbeldam, R., ten Kate, H.H.J. An experimental 11.5 T Nb_3Sn LHC type of dipole magnet 87690
den Putte, M.Van *see* Van den Putte, M.
den Vlekkert, H.H.van *see* van den Vlekkert, H.H.
den Wijngaart, R.A.van *see* van den Wijngaart, R.A.
Den-Jen Hwung *see* Jen-Chuan Wang 92250
Denance, J.P. *see* Barrelet, E. 67352
Denat, A. *see* Bonifaci, N. 81128
Denat, A. *see* Hernandez-Avila, J.L. 63048
Denat, A. *see* McCluskey, F.M.J. 63061
DeNatale, R. *see* Yen-Ping Shan 85679
Denault, A. *see* Rayner, J. 66425
Denazis, S.G. *see* Kouvatsos, D.D. 65003
Denazis, S.G. *see* Kouvatsos, D.D. 65534
DenBaars, S. *see* I-Hsing Tan 55658
DenBaars, S. *see* Ying-Lan Chang 55593
DenBaars, S.P. *see* Hashemi, M.M. 62887
DenBaars, S.P. *see* Jayaraman, V. 56785
DenBaars, S.P. *see* Jayaraman, V. 83112
DenBaars, S.P. *see* Lee, S.-L. 63483
DenBaars, S.P. *see* Rangchen Yu 72890
DenBaars, S.P. *see* Reaves, C.M. 54926
DenBaars, S.P. *see* Shealy, J.B. 62906
Denbigh, P.N. Signal processing strategies for a bathymetric sidescan sonar 88807
Denbigh, P.N., Luo, H.Y. An algorithm for separating overlapping voices 64352
Denbigh, P.N. *see* Dorrell, P.R. 95343
Denbigh, P.N. *see* Ertas, T. 51330
Denbigh, P.N. *see* Luo, H.Y. 95310
Denbigh, P.N. *see* Wang, L. 64530
Denbo, D.W. *see* Soreide, N.N. 99248
Denboer, A. Inside today's leading edge microprocessors 80365
Denby, B. *see* Badgett, W. 74345
Denby, B. *see* Lindsey, C.S. 76770
Dencher, P.R. *see* Chan, H.L.W. 76903
Dencher, P.R. *see* Small, G.W. 51147
Dendane, A., Arnold, J.M. Scattered field analysis of a focused reflector using the Gabor series 57266
Denegri, G.B. *see* Delfino, B. 68158
Denenberg, L., Gish, H., Meteer, M., Miller, T., Rohlicek, J.R., Sadkin, W., Siu, M. Gisting conversational speech in real time 73863
Deneuville, A. *see* Fontaine, F. 70120
Deneuville, A. *see* Foulon, F. 81187
Deneuville, A. *see* Gheeraert, E. 71296
Deneuville, A. *see* Gonon, P. 71233
Deneuville, A. *see* Gonon, P. 72565
Deneuville, A. *see* Gonon, P. 93308
Deng, C. *see* Slaoui, A. 70033
Deng, D.P. *see* Rose, J. 67164
Deng, E., Cuk, S. Single stage, high power factor, lamp ballast 69199
Deng, E., Cuk, S. High power factor, high frequency lamp ballasts 100932
Deng, G., Cahill, L.W. The logarithmic image processing model and its applications 95968
Deng, H. *see* Hansing, C.C. 50825
Deng, H. *see* Zhou, L. 48970
Deng, K., Dhuler, V.R., Mehregany, M., Jansen, E.W. Measurement of micromotor dynamics in lubricating fluids 60271
Deng, L., Aksmanovic, M. HMMs with mixtures of trend functions for automatic speech recognition 95355
Deng, L. *see* Zhang, D. 73774
Deng, M.-C. *see* Chang, W.-D. 50249
Deng, M.-C. *see* Chin, T.-S. 50248
Deng, M.-C. *see* Ching, T.-S. 50246
Deng, P. *see* Liu, R.M. 86918
Deng, P. *see* Xue, S.Q. 86846
Deng, R.H. Hybrid ARQ schemes employing coded modulation and sequence combining 64313
Deng, R.H. *see* Hong Zhou 75326
Deng, R.H. *see* Kisenchand Ranai 65251
Deng, R.H. *see* Lee, S.I. 95146
Deng, S.S. *see* Bai, J.Z. 53324
Deng, T.-B., Soma, T. Variable digital filter design using the outer product expansion 51436
Deng, X. *see* Izu, M. 90421
Deng, X. *see* Izu, M. 100542
Deng, X.H. *see* Tang, Z.X. 50203
Deng, Y.M. *see* Zhang, B.M. 59823
Deng, Y.W. *see* Bai, J.Z. 53324
Deng Chongjun *see* Chongjun Deng
Deng Heng, Ling Jun On the study of the π type slow-wave structure for high power TWTs 92904
Deng Jiachun *see* Jiachun Deng
Deng Jinquan *see* Jinquan Deng
Deng Jixiang, Zhang Changjian Steady-state stability assessment of multimachine power systems using catastrophe theory 99431
Deng Keyun Coherent development of rural economy, ecology and energy. County-level integrated rural energy development has achieved obvious benefits 53860
Deng Li *see* Li Deng
Deng Ming-Cheng *see* Ming-Cheng Deng
Deng Ray-Chern *see* Ray-Chern Deng
Deng Shaofan *see* Wu Qun 87475
Deng Shaofan *see* Wu Qun 99007
Deng Shiwei, Yuan Baozong Range image segmentation based on mathematical morphology 95839
Deng Shiwei, Yuan Baozong A method for 3D surface reconstruction from range images 96098
Deng Shu-Guang *see* Li Wei 84005
Deng Tianquan *see* Tianquan Deng
Deng Weibo *see* Shan Qiuehan 95032
Deng Xi Min *see* Shi Yun 89870
Deng Xiangzhen *see* Wu Longan 93425
Deng Xiaowei Synthesis technique for output current signals in quaternary I^2L circuits 55196
Deng Ximing *see* Ximing Deng
Deng Xinlu, Zhang Goubing, Zhang Liansheng A computerized spark counter 88838
Deng Yanmao *see* Zhao Dade 80680
Deng Yanping, Li Jiegu, Lin Sheng Ji Direct shape reconstruction of 3-D object from monocular shading image 74425
Deng Youman, Zhang Boming, Xiang Niande, Pan Minghui, Xu Muliang, Wang Jiahong, Ge Weichun Security corrective strategy for the alleviation of active power violations on tie-line-clusters 99540
Deng Zensing *see* Zensing Deng
Deng Zhenghua *see* Zhenghua Deng
Deng Zhongming *see* Bai Yan 89739
Deng Zili, Zhang Huanshui A new approach to self-tuning Kalman filtering, prediction, deconvolution and smoothing 73926
Deng-Ping Xue, Bardyszewski, W., Yevick, D. Linear k term valence subband mixing and its effect on electroabsorption of tensile-strained GaAs/AlGaAs quantum wells 63484
Dengguo Feng *see* Feng Dengguo
Dengler, R. *see* Mehdi, I. 80834
Dengler, R.J. *see* Choudhury, D. 80705
Dengler, R.J. *see* Raisanen, A.V. 80706
Dengler, R.J. *see* Stimson, P.A. 80692
Dengler, R.J. *see* Trong-Huang Lee 55391
Dengyuan Chen *see* Shayan Zhang 70710
Denham, G.C. Many-valued generalizations of two finite intervals in Post's lattice 55250
Denhoff, M.W. *see* Grant, P.D. 61351
Denis, J. *see* Mosser, V. 66195
Denis, J.-F., Ollivier, B. A new generation deep water multibeam echo sounder 86618
Denis, J.-F. *see* Parthiot, F.P. 97455
Denis, J.-F. *see* Parthiot, P. 86627
Denisenko, A.V. *see* Burchard, B. 82837
Denisenko, V.V. MOS VLSI circuit simulation by hardware accelerator using semi-natural models 93657
Denisenko, V.V. *see* Belkin, B.E. 97265
Denison, A. *see* Brown, B.L. 87797
Denison, A. *see* Brown, B.L. 87935
Denison, M. *see* Thackeray, J.W. 81625
Denisov, A.G. *see* Sang Yeong Lee 70855
Denisov, D.S. *see* Vologin, V.G. 87859
Denisov, E.I. *see* Kozlov, A.A. 98642
Denisov, V.N. *see* Kasilov, V.F. 53934
Denissen, A.J.M. *see* Blankevoort, J.E. 97694
Denisyuk, V.P. Simulation of electrical load charts by hermite trigonometrical polynomials 88985
Denisyuk, Yu.N., Ganzherli, N.M. Properties of a selectogram of a focused holographic 3-D image of an object 56946
Denisyuk, Yu.N., Ganzherli, N.M. Three-dimensional imaging when using a pseudodeep hologram and extended reference source 56976
Denk, T., Parhi, K.K., Cherkassky, V. Combining neural networks and the wavelet transform for image compression 74512
Denk, T.C., Parhi, K.K. Architectures for lattice structure based orthonormal discrete wavelet transforms 80496
Denker, J.S. *see* Kramer, A. 70425
Denker, S.P. Managing concurrent engineering for complex electronic products to reduce design task interdependencies 80983
Denlinger, D.W., Abarra, E.N., Allen, K., Rooney, P.W., Messer, M.T., Watson, S.K., Hellman, F. Thin film microcalorimeter for heat capacity measurements from 1.5 to 800 K 52810
Dennard, R. *see* Shahidi, G.G. 71797
Dennard, R.H. *see* Shahidi, G.G. 92195
Dennehy, M.T., Nesbitt, D.W., Sumey, R.A. Real-time three-dimensional graphics display for antiair warfare command and control 77774
Dennett, J.Temple *see* Temple Dennett, J.
Denney, D.C. *see* Sy-Hwa Chen 92718
Denney, P. *see* Jachim, S.P. 67230
Denney, P. *see* Johnson, K.F. 76427
Denney, P.M., Jachim, S.P. Measured performance of the GTA RF systems 67175
Denney, P.M. *see* Ziomek, C.D. 76516
Denney, T.S., Jr., Prince, J.L. Optimal brightness functions for optical flow estimation of deformable motion 51620
Denney, T.S., Jr., Prince, J.L. Optimal brightness patterns for 2-D optical flow 84993
Denney, T.S., Jr., Prince, J.L. 3D displacement field reconstruction on an irregular domain from planar tagged cardiac MR images 98882
Denning, D. *see* Landau, S. 83927
Denning, D.E., Smid, M. Key escrowing today 85452
Denning, D.J. *see* Taft, R.C. 62965
Denning, R. *see* Tanner, A. 59555
Dennis, A. *see* Kinney, S. 51932
Dennis, A.R., Hayes, G.S., Daniels, R.M., Jr. Reengineering business process modeling 52243
Dennis, C.L. *see* Brown, E.R. 61907
Dennis, C.L. *see* Liau, Z.L. 63915
Dennis, M.L., Duling, I.N., III Experimental study of sideband generation in femtosecond fiber lasers 72756
Dennis, M.L. *see* Carruthers, T.F. 63742
Dennis, P. *see* Coggins, D. 51939
Dennis, T.J. *see* Papadimitriou, D.V. 84839
Dennis, W.M., Kirkpatrick, S.M. Generation and detection of picosecond far infrared radiation 94636
Dennis, W.M. *see* Novo-Gradac, A.d. 73035
Denny, H.W., Woody, J.A., Pesta, A.J. An Electromagnetic Environmental Effects (E3) Program Manager's Guide 88926
Denny, J.E. Route diversity of CO cabling 85355
Denny, T., Dodson, B., Lenstra, A.K., Manasse, M.S. On the factorization of RSA-120 73755
Deno, K. *see* Nagasawa, T. 89354
Denomme, F. *see* Marceau, R.J. 53652
Denomme, F. *see* Marceau, R.J. 77949
Denoue, E. *see* Azkargorta, J. 82975
Densing, R. *see* Porterfield, D.W. 82794
Densley, J. *see* Krahenbuhl, F. 82163
Densmore, A. *see* Agan, M. 75239
Dent, R.A., Dicic, Z. Adjustable speed drives improve circulating water system 89545
Dentai, A., Stone, J., Burrows, E.C., Burrus, C.A., Stulz, L.W., Zirngibl, M. Electrically tunable semiconductor Fabry-Perot filter 56510
Dentan, M. *see* Flament, O. 70769
Dente, F. *see* Prodi, F. 67796
Dente, J.A. *see* Costa Branco, P.J. 90495
Dente, J.A. *see* Esteves, J. 90043
Dente, J.G. *see* Palma, J.P. 90510
Denton, D.D. *see* Beebe, D.J. 79332
Denton, J. *see* Gilbert, P.V. 55997
Denton, J.P. *see* Venkatesan, S. 92424
Denton, L. *see* Branstetter, R. 88664
Denton, S. *see* Bowen, L. 68981
Denton, T.C. *see* Jones, B.K. 80958
Denton, T.C. *see* Jones, B.K. 93269
Denyer, C.W., Lidgey, F.J., Zhu, Q.S., McLeod, C.N. A high output impedance current source 67573
Denyer, C.W. *see* Zhu, Q.S. 67555
Denyer, P.B. *see* Ramsay, C.S. 84671
Denys, B.G. *see* Aubert, A.E. 98910
Denzel, W.E., Le Boudec, J.-Y., Port, E., Truong, H.L. FALCON: a switch-based ATM LAN 52088
Deock Ho Ha A mobile measurement technique of picture quality impairing factor in mobile television reception under multipath propagation environments 86680
Deog-Kyoon Jeong *see* Dae jeong Kim 70698
Deog-Kyoon Jeong *see* Joong Sik Kih 92435
Deog-Kyoon Jeong *see* Kyeongho Lee 75134
Deog-Kyoon Jeong *see* Sungjoon Kim 70430
Deok Moon Kyeong *see* Kyeong Deok Moon
Deok Yu Byung *see* Byung Deok Yu
Deokro Yoon *see* Moonho Kim 62686
Depalle, P., Garcia, G., Rodet, X. Tracking of partials for additive sound synthesis using hidden Markov models 75800
Depalle, P. *see* Freed, A. 75802
DePaola, F. *see* Primdahl, K. 67126
dePaolis, M.V., Jr. *see* Argade, P.V. 70586
Deparis, C. *see* Courboules, B. 79774
Deparis, O. *see* Decreton, M. 72533
Depas, M., Vermeire, B., Mertens, P.W., Meuris, M., Heyns, M.M. Ultra-thin gate oxide yield and reliability 71702
Depasse, P. *see* Chemarin, M. 98516
DePaula, R.P. *see* Moore, E.L. 76018
Depedis, D. *see* Buontempo, S. 53296
Depenbrock, F. *see* Llodra, J. 53727
Depero, L.E. *see* Bonzi, P. 87331
DePesa, P. *see* Zurbrick, L.S. 62573
Depommier, P. *see* Gingrich, D. 53291
Depovere, G.F.G. *see* Hooijmans, P.W. 86445
Depovere, G.F.G. *see* Van Gils, R.A.J.C.M. 75392
Deppe, D.G. *see* Hansing, C.C. 50825

Deppe, D.G. *see* Huffaker, D.L. 72811
Deppe, D.G. *see* Huffaker, D.L. 83128
Deppe, D.G. *see* Lin, C.C. 56380
Deppe, D.G. *see* Lin, C.C. 93011
Deppe, J. *see* Godbey, D.J. 70030
Deppe, R.W., Minor, E.O. Reliability Enhancement Testing (RET) 59457
Deppert, K., Maximov, I., Samuelson, L., Mansson, H.-C., Weidensohler, A. Sintered aerosol masks for dry-etched quantum dots 62475
Deppert, K. *see* Samuelson, L. 55638
Deprettere, E.F. *see* Moonen, M. 84363
DeProspo, D.F. *see* McConnell, S.O. 88805
Depuydt, F., Geurts, W., Goossens, G., De Man, H. Optimal scheduling and software pipelining of repetitive signal flow graphs with delay line optimization 49087
DePuydt, J.M., Haase, M.A., Guha, S., Qiu, J., Cheng, H., Wu, B.J., Hofler, G.E., Meis-Haugen, G., Hagedorn, M.S., Baude, P.F. Room temperature II-VI lasers with 2.5 mA threshold 63839
DePuydt, J.M. *see* Guha, S. 82834
DePuydt, J.M. *see* Kuo, L.H. 92957
DePuydt, J.M. *see* Neumark, G.F. 63825
Deqen Zan *see* Zan Deqen
Deqing Su *see* Su Deqing
Der, S.Z., Chellappa, R. Probe based recognition of targets in infrared images 84696
der Auweraer, M.Van *see* Van der Auweraer, M.
der Biest, O.Van *see* Van der Biest, O.
der Burg, G.van *see* van der Burg, G.
der Burgt, J.van *see* van der Burgt, J.
der Burgt, M.van *see* van der Burgt, M.
der Cruijs, P.van *see* van der Cruijs, P.
der Donk, A.G.H.van *see* van der Donk, A.G.H.
der Drift, E.van *see* van der Drift, E.
der Duyn Schouten, F.A.van *see* van der Duyn Schouten, F.A.
der Einden, W.T.A.van *see* van der Einden, W.T.A.
der Emde, M.von *see* von der Emde, M.
Der Feltz, G.Van *see* Van Der Feltz, G.
der Fluit, J.P.van *see* van der Fluit, J.P.
Der Gaag, B.P.Van *see* Van Der Gaag, B.P.
der Gathen, V.Schulz-von *see* Schulz-von der Gathen, V.
der Geer, G.van *see* van der Geer, G.
der Goes, F.M.L.van *see* van der Goes, F.M.L.
der Gracht, J.van *see* van der Gracht, J.
der Harst, H.van *see* van der Harst, H.
der Heide, J.A.van *see* van der Heide, J.A.
der Hoeven, A.van *see* van der Hoeven, A.
der Horn, G.van *see* van der Horn, G.
der Horst, T.J.J.van *see* van der Horst, T.J.J.
der Laag, P.C.van *see* van der Laag, P.C.
der Laan, J.van *see* van der Laan, J.
der Laan, M.D.van *see* van der Laan, M.D.
der Laan, P.C.T.van *see* van der Laan, P.C.T.
der Linde, D.von *see* von der Linde, D.
Der Linden, J.Th.Van *see* Van Der Linden, J.Th.
der Linden, M.B.von *see* von der Linden, M.B.
der Linden, W.E.van *see* van der Linden, W.E.
der Lingen, K.van *see* van der Lingen, K.
der Lugt, H.J.van *see* van der Lugt, H.J.
der Marel, J.van *see* van der Marel, J.
der Mark, M.B.van *see* van der Mark, M.B.
der Meer, A.F.G.van *see* van der Meer, A.F.G.
der Meijs, N.P.van *see* van der Meijs, N.P.
der Merwe, D.F.van *see* van der Merwe, D.F.
der Merwe, F.S.van *see* van der Merwe, F.S.
Der Muhll, R.Von *see* Von Der Muhll, R.
der Par, S.L.J.D.E.V.D.van *see* van der Par, S.L.J.D.E.V.D.
der Plaats, J.C.van *see* van der Plaats, J.C.
der Plas, G.Van *see* Van der Plas, G.
der Poel, C.J.van *see* van der Poel, C.J.
der Put, P.J.van *see* van der Put, P.J.
der Sanden, J.J.van *see* van der Sanden, J.J.
der Schaaf, T.W.van *see* van der Schaaf, T.W.
der Schoot, B.H.van *see* van der Schoot, B.H.
der Sijde, A.G.van *see* van der Sijde, A.G.
der Slot, P.J.M.van *see* van der Slot, P.J.M.
der Sluis, L.van *see* van der Sluis, L.
der Spiegel, J.Van *see* Van der Spiegel, J.
der Stighelen, H.Van *see* Van der Stighelen, H.
der Tol, J.J.G.M.van *see* van der Tol, J.J.G.M.
der Tweel, I.van *see* van der Tweel, I.
der Veen, E.van *see* van der Veen, E.
der Vleuten, R.J.van *see* van der Vleuten, R.J.
Der Vleuten, W.C.Van *see* Van Der Vleuten, W.C.
der Vleuten, W.van *see* van der Vleuten, W.
der Vlist, W.van *see* van der Vlist, W.
der Vlugt, M.van *see* van der Vlugt, M.
der Voort, C.van *see* van der Voort, C.
der Vorst, C.P.J.M.van *see* van der Vorst, C.P.J.M.
der Vorst, N.A.van *see* van der Vorst, N.A.
der Wagt, J.P.A.van *see* van der Wagt, J.P.A.
der Wal, K.Van *see* Van der Wal, K.
der Wal, P.D.van *see* van der Wal, P.D.
der Walt, P.W.van *see* van der Walt, P.W.
der Weg, W.F.Van *see* Van der Weg, W.F.
der Weid, J.P.Von *see* Von der Weid, J.P.
der Weide, D.W.van *see* van der Weide, D.W.
der Weide, J.van *see* van der Weide, J.
der Weiden, T.C.J.van *see* van der Weiden, T.C.J.
der Wel, W.van *see* van der Wel, W.
der Werf, J.van *see* van der Werf, J.
der Wiel, M.J.van *see* van der Wiel, M.J.
der Wijk, A.van *see* van der Wijk, A.
der Woerd, A.C.van *see* van der Woerd, A.C.
der Wolf, P.van *see* van der Wolf, P.
der Zalm, R.A.J.van *see* van der Zalm, R.A.J.
der Zant, H.S.J.van *see* van der Zant, H.S.J.
Der-Cherng Liu, Chien-Ping Lee, Shyi-Long Shy Fabrication of quantum dots using in-situ etching and regrowth during MBE growth 91446
Der-Chin Su, Jinn-Chou Yoo, Yi-Kong Tsai, Yang-Tung Huang A quarter-wave plate using substrate-mode holograms 94692
Der-Fen Liu, D. *see* Griggs, J.R. 91282
Der-Feng Guo *see* Wen-Chau Liu 55874
Der-Gao Lin, Rost, T.A. The impact of fluorine on CMOS channel length and shallow junction formation 93124
Der-Song Su *see* Jen-Chuan Wang 92250
Deraman, K., Sakrani, S., Ismail, B.B., Wahab, Y., Gould, R.D. Electrical conductivity measurements in evaporated tin sulphide thin films 71133
Deravi, F. *see* Muhamad, A.K. 84967
Deravi, F. *see* Thomas, L. 85020
Derbel, N., Ouali, A., Kamoun, M.B.A., Poloujadoff, M. Two step three time scale reduction of doubly fed machine models 60186
Derbenev, Ya.S., Lau, Y.Y., Gilgenbach, R.M. Proposal for a novel two-beam accelerator 59015
Derbenev, Ya.S. *see* Blinov, B.B. 87861
Derbyshire, P. Integrity of computer-based systems in vehicles 69187
Derdall, B.C., Mckaig, J., Min, P. IBM developed attach and removal tool 92736
Derdall, D. *see* Murowinski, R. 58856
Derebail, A., Srihari, K., Emerson, C.R. An adhesive selection advisor for PCB assembly using surface mount technology 62019
Deren, G. *see* McLellan, J.F. 66002
Deren Lu *see* Jianzhong Hu 66516
Derenchuk, V. *see* Ellison, M. 66909
Derenchuk, V. *see* Li, D. 98409
Derenchuk, V. *see* Liu, J.Y. 98399
Derenchuk, V. *see* Syphers, M.J. 66966
Derenchuk, V. *see* Wang, Y. 66910
Derenchuk, V. *see* Wedekind, M. 76732
Dereniak, E.L. *see* Barber, H.B. 59302
Dereniak, E.L. *see* Barber, H.B. 98851
Dereniak, E.L. *see* Perry, D.L. 66160
Derenzo, S.E., Moses, W.W., Blankespoor, S.C., Ito, M., Oba, K. Design of a pulsed X-ray system for fluorescent lifetime measurements with a timing accuracy of 109 PS 59224
Derenzo, S.E., Moses, W.W., Blankespoor, S.C., Ito, M., Oba, K. Design of a pulsed X-ray system for fluorescent lifetime measurements with a timing accuracy of 109 ps 67404
Derenzo, S.E. *see* Blankespoor, S.C. 88335
Derenzo, S.E. *see* Blankespoor, S.C. 98723
Derenzo, S.E. *see* Moses, W.W. 53414
Derenzo, S.E. *see* Moses, W.W. 88127
Deresmes, D. *see* Zazoui, M. 90396
Derevyankin, G. *see* Anashin, V.V. 98393
Dergileva, I.L. *see* Ignatov, A.M. 77491
Dergunaova, E. *see* Heremans, G. 82444
Dergunova, E.A. *see* Nikulin, A.D. 83563
Derhacobian, N., Fine, P., Walton, J.T., Wong, Y.K., Rossington, C.S., Luke, P.N. Determination of surface recombination velocity and bulk lifetime in detector grade silicon and germanium crystals 81188
Derhacobian, N., Fine, P., Walton, J.T., Wong, Y.K., Rossington, C.S., Luke, P.N. Determination of surface recombination velocity and bulk lifetime in detector grade silicon and germanium crystals 92932
Derhacobian, N., Walton, J.T., Luke, P.N., Wong, Y.K., Rossington, C.S. Proper interpretation of photoconductive decay transients in semiconductors having finite surface recombination velocity 94250
Derhacobian, N. *see* Walton, J.T. 88121
Deri, B. *see* Roeske, F. 67727
Deriche, M. *see* Roessgen, M. 98914
Deriche, R., Blaszka, T. Recovering and characterizing image features using an efficient model based approach 96030
Deriche, R. *see* Monga, O. 88351
Derieux, J.W., Joseph, R.J., Bailey, D.A. Flue gas desulfurization system upgrade and rehabilitation project Tennessee Valley Authority Widows Creek Unit 8 78375
deRijke, J.E., Klages, W.A., Jr. The CryoTurbo: a new concept in vacuum technology 49837
Derkum, H. Effects of various transmission levels in windshields on perception 98743
Derlecki, S. Core loss measurement on electrical steel sheets of very high magnetic field strength 72172
Dermody, P. *see* Tan, B.T. 57433
Dernovskiy, A.P. A method of obtaining the response of an arbitrary filter to a CPM-signal 84208
Derong Wang *see* Wang Derong
DeRose, T. *see* Halstead, M. 54802
DeRose, T. *see* Hoppe, H. 54801
Derosier, R.M. *see* Chung, Y.C. 86345
Derosier, R.M. *see* Gnauck, A.H. 58381
Derosier, R.M. *see* Gnauck, A.H. 86313
Derost, G. *see* Clemendot, S. 66578
Derozier, D. *see* Bielawski, S. 50728
Derras, B. On the computation of the cross-covariance matrix of two state vectors 61170
Derrick, M. Giant chambers 76799
d'Errico, F., Alberts, W.G. Superheated-drop (bubble) neutron detectors and their compliance with ICRP-60 88609
D'Errico, M.S., Douglas, B.L., Lee, H. Subsurface microwave imaging for nondestructive evaluation of civil structures 87480
Derrien, A., Nouet, C., Vilbe, P., Calvez, L.C. Orthogonal sets for efficient model-order reduction via a Gauss-Newton method 51520
Derrien, J. *see* Berbezier, I. 70061
Derrien, J. *see* Chevrier, J. 79801
Derrien, J. *see* Mouche, L. 62481
Derrien, J. *see* Natoli, J.Y. 79819
Dersch, W.W. PSI Energy's first underground transmission installation 89268
Derst, G. *see* Krotz, G. 79912
Deruaz, R. *see* Dumont, D. 89518
DeRuiter, J. *see* Bristow, J. 67728
Derutyer, H. *see* Ng, C.-K. 66812
Deruyter, H. *see* Hoag, H.A. 66816
Deruyter, H. *see* Hoag, H.A. 67100
Deruyter, H. *see* Ruth, R.D. 66791
Deruyter, H. *see* Vlieks, A.E. 67011
Dervan, J.P. *see* Thompson, A.C. 88381
Dervos, C.T., Fitsilis, P.T. Bifurcation evolution across metal-metal contacts sustaining high charge injection rates 61990
Dervos, C.T. *see* Bourkas, P.D. 78744
Derwent, P.F., Amidei, D., Dunn, A., Song, T., Vejcik, S., Crouch, R., Ducar, R., Herrup, D., Haber, C. Experience with radiation protection for a silicon vertex detector at a hadronic collider 76784
Derwent, P.F. *see* Amidei, D. 98639
Deryagin, A.G. *see* Guriev, A.I. 56793
Deryagin, N.G. *see* Abramov, A.V. 54911
Deryagin, N.G. *see* Abramov, A.V. 91468
Derycke, A., Clement, D., Ladesou, C., Vieville, C. Computer mediated conferences for collaborative learning: towards hypermedium? 65459
Derzakowski, K. *see* Herrera, R. 80642
Derzhavin, S.I. *see* Apollonov, V.V. 72765
des Lions, T.Arnaud *see* Arnaud des Lions, T.
Desachy, J., Zahzah, E.H. Symbolic and iconic information combination for satellite imagery interpretation 95682
Desachy, J. *see* Mascarilla, L. 77308
Desachy, T. *see* Zahzah, H.E. 67894
Desai, B.T., Nair, N.C., Gupta, H.O. A new PC-based optimized strategy for overload time-limit computation/control of power transformer 100195
Desai, J.D., Lokhande, C.D. Solution growth of As_2S_3 thin films from a thioacetamide bath 79880
Desai, M., Aronhime, P. Current-mode synthesis using node expansion techniques 91691
Desai, M. *see* Aldrich, B. 59381
Desai, M. *see* Lin, Y.J. 89608
Desai, M. *see* Parekh, M. 62464
Desai, M.D. *see* Bovik, A.C. 84233
Desai, P. *see* Govindarajan, R. 80340
Desai, R. *see* Javan, H. 80677
Desai, S., DeMaio, M. Network management for emerging broadband services 65184
Desai, S., Joglekar, S., Westerfield, P.B. An object management and communications platform for building TMN compliant operations systems 51981
Desai, U.B. *see* Chansarkar, M.M. 84294
Desai, U.B. *see* Chansarkar, M.M. 84580
Desai, V.H., Sundaram, K.B. Electrochemical investigation into the environmental degradation of $YBa_2Cu_3O_7$ superconductors 63281
Desai, V.R., Aziz, N.M., Kumar, R. Advances in cross-flow turbine technology 53962
Desaja, J.A. *see* Souto, J. 76095
Desaki, Y., Fujiwara, T., Kasami, T. A method for computing the weight distribution of a block code by using its trellis diagram 95129
Desaki, Y. *see* Kasami, T. 73739
Desai, S.R., Follett, D.J., Rao, H.S., Sinha, G., Sundaramurthy, C., Yemeni, P. BaseWorX platform for building object-oriented management applications 74853
DeSalvo, G.C. *see* Look, D.C. 71718
DeSandre, L.F. *see* Daugherty, J. 99396
DeSantis, G.J. *see* Staudhammer, P. 78981
Desautels, J.E.L. *see* Liang Shen 59275
Desbois, J. *see* Dufilie, P. 92348
Desbois, J. *see* Ventura, P. 92346
Desbouvries, F. Recursive least-squares lattices and trigonometry in the spherical triangle 84289
Deschamps, A. *see* Beaudin, G. 88787
Deschamps, J., Doyeux, H. Flat screen plasma displays 58932
Deschanvres, J.L., Bochu, B., Joubert, J.C. Preparation of textured ZnO thin films by the pyrosol process for microsensors applications 79908
Deschaux, M. *see* Piau, P. 77625
DeSchon, A. *see* Felderman, R. 65302
Desclos, L., Madihian, M. An empirical resonant frequency prediction of K- and V-band dielectric resonators 71924

Desclos, L., Pouliguen, P. Processing of distortions in radar cross section measurements 75604
Desclos, L. *see* Floc'h, J.M. 70923
Desclos, L. *see* Floch, J.M. 75632
Descour, M. *see* Scribner, D.A. 66484
Descout, R. *see* Xiaohui Zhang 96832
Desel, J. Regular marked Petri Nets 61093
Desen Fan *see* Yuanxun Wang 73289
Desen Fan *see* Fan Desen
Desenne, D. *see* Jacquemot, S. 50742
Desert, F.X. *see* Perault, M. 52956
Desesquelles, P.F. *see* Ahmed, A.B. 89880
Desfarges, A. *see* Colombeau, B. 83023
Desfeux, R. *see* Dolabdjian, C. 50421
Desfeux, R. *see* Flament, S. 50422
Desfeux, R. *see* Langlois, P. 94031
Desfeux, R. *see* Robbes, D. 66714
Desforges, B. *see* Bailey, R. 76434
Desgagne, M. *see* Berini, P. 70872
DeShazer, L. Vanadate crystals exploit diode-pump technology 56684
DeShazer, L.G. Eyesafe diode-pumped erbium lasers 94422
DeShazo, G.L. *see* Lee, R.L. 89197
Deshmukh, L.P., Holikatti, S.G., Hankare, P.P. A CdS:Sb photoelectrode for photoelectrochemical applications 90347
Deshmukh, L.P., Holikatti, S.G., Rane, B.P., More, B.M., Hankare, P.P. Preparation and properties of Sb_2S_3 thin films for photoelectrochemical applications 78779
Deshours, F., Bergeault, E., Jallet, L., Huyart, B. Large signal load-pull measurements using six-port reflectometers 87469
Deshours, F., Bergeault, E., Jallet, L., Huyart, B. An active load-pull measurement system using two six-port reflectometers 98290
Deshpande, D. Public network ATM 52085
Deshpande, M.R., Dekker, N.H., Sleight, J.W., Huber, J.L., Hornbeck, E.S., Reed, M.A., Matyi, R.J., Kao, Y.C., Fernando, C.J.L., Frensley, W.R. Observation of novel conductance structure in $GaAs/Ga_xAl_{1-x}As$ resonant tunneling heterostructures 62624
Deshpande, M.R. *see* Macks, L.D. 81797
Deshpande, S.S. *see* Joshi, Y.V. 99521
Deshpande, U.S., Cathey, J.J., Richter, E. A high force density linear switched reluctance machine 68562
Deshpande, V.V., Doradla, S.N. A new topology for parallel resonant DC link with reduced peak voltage 68797
Deshu Chen *see* Songli Zhao 59743
Deshu Chen *see* Yijia Cao 89152
Deshu Chen *see* Zhengliang Bu 59913
Deshu Chen *see* Chen Deshu
Desiderio, G. *see* Russo, E. 58360
deSilva, C.J.S. *see* McLaughlin, R.A. 85133
Desilva, C.J.S. *see* Zhang, Y. 64357
DeSilva, M.J., Pedraza, A.J., Lowndes, D.H. Electroless copper films deposited onto laser-activated aluminum nitride and alumina 93252
DeSimio, M.P., Anderson, T.R. Phoneme recognition with binaural cochlear models and the stereausis representation 73813
DeSimone, A. Macroscopic response of magnetostrictive materials to applied magnetic fields and loads 93872
DeSimone, A., Mooi Choo Chuah, On-Ching Yue Throughput performance of transport-layer protocols over wireless LANs 74727
DeSimone, A.F. *see* Nordstrom, R.J. 56605
Desjardins, P. *see* Evoy, S. 62510
Desko, J.C. *see* Kosier, S.L. 56054
Desko, J.C. *see* Kosier, S.L. 62943
Deslattes, R.D., Kessler, E.G., Jr. Update on crystal lattice measurements at NIST 86969
Deslattes, R.D. *see* Southworth, S.H. 88259
Deslattes, R.D. *see* Staudenmann, J.-L. 88295
Desmarest, P. *see* Kouam, C.N. 80637
Desmedt, Y.G. Threshold cryptography 73626
Desmet, D., Genin, D. ASSYNT: efficient assembly code generation for digital signal processors starting from a data flowgraph 84224
Desmet, E. *see* Bruneel, H. 74645
Desmet, J. *see* Honore, M. 66559
Desmet, J. *see* Huyberechts, G. 58674
Desmet, J. *see* Huyberechts, G. 87327
Desmet, S., Deknuydt, B., Van Eycken, L., Oosterlinck, A. Classified motion estimation for video coding 64655
Desmet, S. *see* Deknuydt, B. 64690
Desmond, J. *see* Gevins, A. 88505
Desmulliez, M.P.Y., Ryvkin, B.S., Walker, A.C., Wherrett, B.S. Leaky-waveguide modulator using distributed coupling of light 72433
Desmur, A., Bourguignon, B., Boulmer, J., Ozenne, J.-B., Budin, J.-P., Debarre, D., Aliouchouche, A. Pulsed laser etching of silicon: dopant profile modification and dopant desorption induced by surface melting 81531
Desnos, Y.-L., Valero, J.-L., Loiselet, M. J-ERS-1 and ERS-1 SAR calibration experiments over Flevoland 77242
Desogus, S., Cignolo, G. An optoelectronic liquid level detector for use in volume standard vessels 58767
Desogus, S., Lanyi, S., Nerino, R., Picotto, G.B. Capacitive sensors coupled to a scanning tunneling microscope piezoscanner for accurate measurements of the tip displacements 71061
Desoli, G., De Natale, F., Giusto, D. High compression video coding: a novel approach 64693
Desoli, G.S. *see* De Natale, F.G.B. 57782
Desoli, G.S. *see* De Natale, F.G.B. 84973
Desoli, G.S. *see* De Natale, F.G.B. 85036
Desoppere, E. *see* Spiridonov, M. 56620
Desouky, H. *see* Sallam, A.A. 68048
Desouky, M. *see* Sallam, A.A. 68048
Desourdis, R.I., Jr., McDonough, A.K., Merrill, S.C., Bauman, R.M., Spector, D., Bonser, W., Warren, D.E., Neumann, D.A., Lucas, J.A. High-ERP meteor burst link experiment 75386
Desourdis, R.I., Jr., Wojtaszek, J.H., Sidorov, V.V., Huziashev, R.G., Kurganov, A.R., Pleyhov, A.N., Merzakreev, R.R., Epictetov, L.A. Nonreciprocity of meteor scatter radio links 75384
Desourdis, R.I., Jr. *see* Merrill, S.C. 75383
Desourdis, R.I., Jr. *see* Thomas, G. 75385
DeSouza-Batista, J.C. *see* Gupta, P. 92274
Despagne, P.P. *see* Ishida, T. 52816
Despain, A.M. *see* Chi-Ying Tsui 80268
Despain, A.M. *see* Chi-Ying Tsui 92095
Despain, A.M. *see* Chi-Ying Tsui 92146
Despain, A.M. *see* Ing-Jer Huang 92273
Despe, O.D. *see* Fathizadeh, M. 59019
Despins, C.L., Belzile, J., Haccoun, D. Bidirectional decoding of convolutional codes for indoor cellular radio 65651
Despins, C.L., Falconer, D.D., Mahmoud, S.A. Impact of a non-fading Gaussian characterization of interference on portable radio link analysis 52416
Despins, C.L. *see* Loundu, M.D. 86220
Desplat, C. *see* Martin, H. 79455
Desportes, H. Advanced features of very large superconducting magnets for SSC and LHC detectors 82403
Desportes, H. Three decades of superconducting magnet development 93980
Desprez, F., Ferreira, A., Tourancheau, B. Efficient communication operations on passive optical star networks 51786
Desruelle, B. *see* Bigo, S. 97313
Dessaint, L. *see* El-Asmar, C. 89950
Dessaint, L.-A. *see* Amor, L.B. 100084
Dessaint, L.-A. *see* Chandra, A. 54166
Dessaint, L.A. *see* Amor, L.B. 60197
Dessaint, L.A. *see* Amor, L.B. 89850
Dessaint, L.A. *see* Chaffai, R. 90454
Dessaint, L.A. *see* Cyr, J.-M. 90198
Dessaint, L.A. *see* Cyr, J.-M. 90199
Dessel, M.Van *see* Van Dessel, M.
Dessenne, F. *see* Abramo, A. 81195
Dessens, J.T. *see* Klonz, M. 86898
Dessertenne, B. *see* Mage, J.C. 82321
Dessus, B., Pharabod, F. Energy development and environment: what about solar energy in a long term perspective? 68496
Dessy, R.E. *see* Hamner, V. 65224
Destefanis, G. *see* Bouley, J.-C. 75451
Destefanis, G. *see* Caldera, C. 97303
DeStefano, J. *see* Olson, T. 76966
DeStefano, P., Michaloski, P. Building world class microlithographic lens systems: optical material requirements and qualification methods 63465
Desthieux, B. *see* Clesca, B. 72785
Desthieux, B.M., Suyama, M., Chikama, T. Theoretical and experimental study of self-filtering effect in concatenated erbium-doped fiber amplifiers 83018
Destler, W.W., Cheng, S., Zhang, Z.X., Antonsen, T.M., Jr., Granatstein, V.L., Levush, B., Rodgers, J. First operation of a wiggler-focused, sheet beam free electron laser amplifier 63895
Destler, W.W., Segalov, Z., Rodgers, J., Ramaswamy, K., Reiser, M. High power high brightness electron beam generation in a pulse-line driven pseudospark discharge 66801
Destler, W.W. *see* Ramaswamy, K. 59033
Destrez, A. *see* Hassine, L. 63831
Desu, S.B. *see* Hendricks, W.C. 54944
Desu, S.B. *see* Khan, A.R. 54950
Desu, S.B. *see* Peng, C.H. 71854
Desu, S.B. *see* Sudarshanam, V.S. 72428
Desu, S.B. *see* Vijay, D.P. 56129
Desu, S.B. *see* Yoo, I.K. 56161
Desurvire, E. The gold age of optical fiber amplifiers 52577
Desurvire, E. Effect of normal mode loss in nonlinear optical loop mirror switching 52585
Desurvire, E. *see* Bigo, S. 65784
Desurvire, E. *see* Bigo, S. 97313
DeTemple, T.A. *see* Crook, A.C. 56431
Deterline, D.E. *see* Moulton, J.R., Sr. 66439
Deticek, E., Kastrevc, M., Kiker, E. The use of fuzzy controllers on electrohydraulic linear drives 69060
Detinko, M.V., Khoptyar, S.A. Electromagnetic model of a microwave cavity terminated in a multilayer semiconductor structure via an annular measurement port 66668
Detka, C.S., El-Jaroudi, A., Chaparro, L.F. Relating the bilinear distributions and the evolutionary spectrum 84520
Detkov, A.N. Optimization of algorithms for the digital processing of trajectory data of a multiposition radio rangefinder system 64524
Detlefsen, J. *see* Kees, N. 75614
Detlefsen, J. *see* Kees, N. 86597
Detlefsen, J. *see* Ostner, H. 57241
Detlefsen, W. *see* Bhandal, A.S. 69179
Dettmer, H., Krumbein, U., Lendenmann, H., Muller, S., Fichtner, W., Bauer, F., Lilja, K., Stockmeier, T. A comparison of the switching behavior of IGBT and MCT power devices 55933
Dettmer, H. *see* Lendenmann, H. 55935
Dettmer, H. *see* Schenk, A. 49944
Dettmer, H. *see* Steiner, F.P. 79168
Dettmer, R. Cutting out waste: recycling end-of-life electronic equipment 54436
Dettmer, R. Travelling light. An all-optical transport network for telecommunications 75404
Dettmer, R. A new deal for nuclear? 99831
D'Ettorre Piazzoli, B. *see* Campana, D. 53310
Detty, M.R., Fleming, J.C. Novel materials for non-ablative optical recording 50447
Deuar, K. *see* Clay, J.N. 89336
Deuchars, G.D., Hill, J.R., Stannard, J.H., Stockburger, D.C. Aluminum-hydrogen peroxide power system for an unmanned underwater vehicle 100881
Deuel, H.P. *see* Cong, P. 73036
Deuerler, F. *see* Lugscheider, E. 70081
Deuermeyer, B.L., Curry, G.I., Feldman, R.M. An automatic modeling approach to the strategic analysis of semiconductor fabrication facilities 69554
Deufel, R. *see* Dickmann, J. 61936
Deug Hwan Kim, Kyung Sup Kwak, Jin Tae Kim, Byung Ha Choi Error performance in DSL system for ISDN basic rate access 96802
Deuringer, J. *see* Gungerich, V. 80715
Deurloo, K. *see* Suparno 94115
Deusen, A.L.Van *see* Van Deusen, A.L.
Deutges, H. *see* Alberter, G. 52663
Deutsch, A., Arjavalingam, G., Surovic, C.W., Tam, J.K., Kopcsay, G.V., Dranchak, D.W., Gillett, J.B. High-density high-performance flexible cables for digital applications 92657
Deutsch, A. *see* Ponnapalli, S. 91035
Deutsch, B., Moratzky, M., Heinlein, W.E. Optimization of the WDM coupler in EDFAs with 1480 nm pumping 56724
Deutsch, C., Zaccarin, A., Orchard, M.T. An estimation theoretic approach for robust predictive motion field segmentation 64689
Deutsch, D. *see* Escobar, J. 74724
Deutsch, J.M. The evolution of customer middleware requirements 85804
Deutsch, L.K. *see* Hoffmann, W.F. 66422
Deutsch, L.K. *see* McKelvey, M.E. 58781
Deutsch, R.W., Simons, P.W., Southern, M. An advanced controller for orbital direct injected two-cycle engines 78971
Deutschmann, A. *see* Balkow, R. 61518
Deutschmann, S. *see* Floter, A. 79859
Deutzer, M. Pantograph strip for overhead wire testing 78936
Deuze, J.L. *see* Goloub, P. 59553
Dev Alok, Baliga, B.J., McLarty, P.K. Low contact resistivity ohmic contacts to 6H-silicon carbide 93054
Devadas, S., Keutzer, K., Malik, S., Wang, A. Event suppression: improving the efficiency of timing simulation for synchronous digital circuits 55238
Devadas, S., Keutzer, K., Malik, S., Wang, A. Certified timing verification and the transition delay of a logic circuit 80241
Devadas, S. *see* Alidina, M. 92145
Devadas, S. *see* Lin, B. 92164
Devadas, S. *see* Monteiro, J. 92094
Devadiga, S. *see* Yuan-Liang Tang 67676
Devaney, A.J., Hisconmez, B. Wavelet signal processing for radar target identification, a scale sequential approach 58473
DeVaney, D.B. Who wants PCS standards anyway? 86209
Devaney, M. *see* Shyh-Chyang Wang 68692
Devaney, M.J. *see* Jong-Hoon Lee 99790
Devaney, P., Gnanaprakasam, D., Westerink, P. Segmentation-based image compression for video cassette recorders 66065
Devaney, W.E. *see* Burgess, R.W. 100752
Devaney, W.E. *see* Chen, W.S. 100496
Devarajan, V. *see* Malla, R. 57821
Devarajan, V. *see* Mun, Y. 51751
Devarayanadurg, G., Soma, M Analytical fault modeling and static test generation for analog ICs 90949
Devasirvatham, D.M.J. *see* Seidel, S.Y. 65670
Devasirvatham, D.M.J. *see* Varma, V.K. 86646
Devaty, R.P. *see* Perera, A.G.U. 75968
Devaud, M., Groux, P., Michel, J. An optical ISDN S-bus extension in a private multimedia network 85869
DeVault, B. *see* Shea, J.J. 68885
Devaux, F., Bordes, P., Cadiou, J.F., Penard, E., Guena, J., Legaud, P. Distribution of millimetre radiowave signals with an MQW electroabsorption modulator 82721
Devaux, F., Bordes, P., Ougazzaden, A., Carre, M., Huet, F. Experimental optimisation of

MQW electroabsorption modulators with up to 40 GHz bandwidths 75513
Devaux, F., Chelles, S., Ougazzaden, A., Mircea, A., Carre, M., Huet, F., Sorel, A.C.Y., Kerdiles, J.F., Henry, M. Full polarization insensitivity of a 20 Gb/s strained-MQW electroabsorption modulator 94187
Devaux, F. *see* Ougazzaden, A. 56435
Devaux, F. *see* Souli, N. 97233
Devcic-Jeras, A. Quality assurance and quality control of printed circuit boards 62016
Deveaux, M.J., Rahman, M.H. A study of integrated bus LAN protocols 96212
Develekos, G. *see* Kumar, L.N. 74963
Develey, G. An attempt to model an induction plasma torch associated to an HF generator 90654
Develey, G. *see* Li, Y.M. 90649
D'Evelyn, L., Hollberg, L., Fox, R.W., Popovic, Z.B. Tunable phase-locked diode lasers for precision spectroscopy 83126
D'Evelyn, L., Hollberg, L., Popovic, Z.B. A CPW phase-locked loop for diode-laser stabilization 80199
Devender Reddy, V., Venugopal Reddy, P. Thermopower studies of some cobalt-substituted BaZn-W hexagonal ferrites 49782
Deventer, M.O.van *see* van Deventer, M.O.
Devenyi, A. *see* Meade, R.D. 56291
Devereaux, T. *see* Chung, K. 81047
Devereux, H. Infra red lighting, heuristic or logical design 100934
Devereux, R.W.J. *see* Jenkins, R.M. 72389
Devernoe, A.L. *see* Boghosian, H.A. 82489
Devernoe, A.L. *see* Painter, T.A. 82446
Devetsikiotis, M., Al-Qaq, W.A., Freebersyser, J.A., Townsend, J.K. Stochastic gradient techniques for the efficient simulation of high-speed networks using importance sampling 96192
Devetsikiotis, M. *see* Al-Qaq, W.A. 84483
Deveughele, S., Dubuisson, B. Using possibility theory in perception: an application in artificial vision 51684
Devgan, A., Rohrer, R.A. Adaptively controlled explicit simulation 55086
Devgan, S.S. *see* Bodruzzaman, M. 88647
Devi, A.Lakshmi *see* Lakshmi Devi, A.
Devi, G.Sarala *see* Sarala Devi, G.
Devi, M., Barbara, A.K. Middle atmospheric dynamics through Lidar soundings: a few case studies 77345
Devi, M. *see* Barbara, A.K. 73349
Devi, M.Indira *see* Indira Devi, M.
Devi, S., Prakash, S.G. Photoconductivity studies of($PbCrO_4$-HgO-ZnO) composites 94247
DeVilbiss, C.A., Ercoline, W.R., Antonio, J.C. Visual performance with night vision goggles (NVGs) measured in USAF aircrew members 67719
DeVilbiss, C.A. *see* Ercoline, W.R. 67694
Devillard, C. *see* Barillon, R. 88577
Devillard, C. *see* Klein, D. 87979
Deville, P.M., Merzouk, S., Cazier, D., Paul, J.C. Spectral data modeling for a lighting application 90627
Devillers, M., Dupuis, O., Janosi, A., Soumillion, J.P. Coordination compounds as precursors for laser deposition of nickel-based conducting films 79924
Devin, A. *see* de Mascureau, J. 67025
Devin, A. *see* de Mascureau, J. 76437
Devin, A. *see* Eyharts, Ph. 66799
Devine, D.A. *see* Kale, I. 92393
Devine, J.F. *see* Chu, A. 92582
Devine, K.D. *see* Biswas, R. 48874
Devine, P. *see* Dhese, K.A. 71285
Devine, P.E. *see* Cain, N. 83303
Devine, R.A.B. *see* Paillet, P. 71257
Devine, R.A.B. *see* Templier, F. 48981
Devine, R.A.B. *see* Warren, W.L. 62330
Devine, R.A.B. *see* Warren, W.L. 93078
Devisch, D. *see* Cools, K. 95102
Devisch, D. *see* Note, S. 55187
Devisch, D. *see* Vandebroek, P. 75143
DeVito, L.M. *see* Thompson, B. 52264
Devito, M., Rosendale, L., Conrad, V., Jackson, B. Trace elements in coals and their emissions 78423
Devlin, G.E. *see* Thio, T. 81743
Devlin, M. *see* Tanaka, S.T. 58782
DeVol, T.A., Wehe, D.K., Knoll, G.F. Evaluation of wavelength shifters for spectral separation of barium fluoride emissions 87989
DeVol, T.A., Wehe, D.K., Knoll, G.F. Evaluation of wavelength shifters for spectral separation of barium fluoride emissions 98624
Devoldere, P. High quality and low cost: A challenge for optoelectronic devices dedicated to LANs 86519
Devoldere, P. *see* Montangero, P. 94536
Devore, J., Teggatz, R., Compton, C. Monolithic power IC uses nonvolatile memory to increase system flexibility 61554
Devore, J. *see* Schmidt, T. 49580
Devore, J. *see* Teggatz, R. 49579
Devoret, M.H. *see* Eiles, T.M. 56269
Devoret, M.H. *see* Joyez, P. 82376
Devos, P., De Batist, R., Cornelis, J. Low cost open loop vibrating reed mechanical spectrometer using pulse train excitation and capacitive current detection 80013
Devotta, J.B.X., Goh, E.S. Design and implementation of a microcontroller based SVC system 60402
Devred, A. *see* Jaffery, T.S. 76656
Devred, A. *see* Ogitsu, T. 67256
Devred, A. *see* Ogitsu, T. 87687
Devred, A. *see* Wanderer, P. 82422
Devreese, J.T. *see* Leadley, D.R. 81280
DeVries, D.J. *see* King, M.A. 59328
DeVries, D.J. *see* Moore, S.C. 76919
deVries, G.J. *see* Kwan, J.W. 76727
Devy, M. *see* Nashashibi, F. 53056
Devyatkov, N.D., Naumenko, E.D., Smirnov, E.N., Sretenskii, V.N. Deep modulation of the axial velocity of an ultrarelativistic electron beam 81146
Devyatov, I.A., Kupriyanov, M.Yu. Physics of the long range proximity effect 63323
Dew, M. *see* Leung, E. 82481
Dew, S., Smy, T., Brett, M. Step coverage, uniformity and composition studies using integrated vapour transport and film-deposition models 49915
Dew, S.K. *see* Liu, D. 71413
Dew, S.K. *see* Smy, T. 49921
Dew-Hughes, D. *see* Jenkins, A.P. 52454
Dew-Hughes, D. *see* Minakovic, B. 53042
Dewa, H. *see* Shirai, T. 76407
DeWall, R. *see* Kosir, P. 84544
DeWames, R.E. *see* Arias, J.M. 58753
DeWames, R.E. *see* Arias, J.M. 91529
Dewan, P. *see* Comer, D. 66075
Dewan, S.B. *see* Bin Wu 69114
Dewan, S.B. *see* Choi, J.H. 90195
Dewan, S.B. *see* Jin, H. 78731
Dewan, S.B. *see* Karshenas, H.R. 68786
Dewan, S.B. *see* Kim, J.M.S. 60312
Dewan, S.B. *see* Kojori, H.A. 100269
Dewan, S.B. *see* Liang, R. 68782
Dewan, S.B. *see* Rong Liang 68837
Dewan, S.B. *see* Rong Liang 76576
Dewan, S.B. *see* Singh, T. 68734
Dewan, S.B. *see* Tadesse, D. 69217
Dewan, S.B. *see* Wu, B. 60535
Dewantara, I.S. *see* Nijhof, J.A.M. 75337
Dewar, G. *see* Waldfried, C. 66667
Dewaraja, Y.K., Fleming, R.F., Ludington, M.A., Fleming, R.H. Detector systems for imaging neutron activation analysis 88117
Dewaraja, Y.K., Fleming, R.F., Ludington, M.A., Fleming, R.H. Detector systems for imaging neutron activation analysis 98588
Dewdney, A.J., Holmes, S., Yu, H., Fahy, M., Murray, R. Subband structure of multiple Si δ-doped planes in GaAs 81231
Dewe, M.B. *see* Miller, A.J.V. 78065
DeWeerdt, R., Brandisky, K., Pahner, U., Belmans, R. Comparative analysis of two methods for time-harmonic solution of the steady state in induction motors 68618
DeWeerth, S.P. *see* Morris, T.G. 85078
DeWeese, E., Bennett, G. *(editors)* 1994 Conference on Precision Electromagnetic Measurements Digest (Cat. No.94CH3449-6) 69357
Dewell, R.D. The requirements for spectrum management in an inhomogeneous satellite environment 52451
Dewey, J., Osman, M.A. Effects of electron-hole scattering on transient transport in p-type silicon 62153
Dewey, W.C., Thompson, L.L., Trinh, M.L., Latz, D.L., Ward, J.F. A charge-coupled-device camera image analysis system for quantifying DNA distributions in agarose gels after pulsed-field gel electrophoresis 98805
Dewhurst, R.J., Shan, Q. Modelling of confocal Fabry-Perot interferometers for the measurement of ultrasound 66778
Dewhurst, R.J. *see* Chen, Q.X. 67506
DeWinkel, C. *see* Lamoree, J. 68207
DeWinkel, C.C., Losleben, J.P., Billmann, J. Recent applications of superconductivity magnet energy storage 68169
DeWinter, F. *see* Wu, B. 90547
DeWitt, D.P., Niemoeller, T.C., Mack, C.A., Yetter, G. Thermal design methodology of hot and chill plates for photolithography 81708
DeWitt, D.P. *see* Mack, C.A. 81661
DeWitt, J. A pipeline & bus interface chip for silicon strip detector read-out 98586
DeWitt, J. *see* Tran, A. 62562
DeWitt, J. *see* Unno, Y. 98558
Dewulf, N. *see* Bruck, J. 97589
Dexin Cao *see* Cao Dexin
Dexter, K.F., Lewis, K.L., Chadney, J.E. Control of lead content in PLZT thin films produced using cluster magnetron sputtering 54958
Dexter, K.P. *see* Llewellyn, I.P. 61361
Dexter, M. *see* Lagowski, J. 81216
Dexter, M.R. *see* Kapadia, A.A. 70752
Dey, J., Bhat, C.M., Crawford, A., Wildman, D. The high level RF system for transition crossing without RF focusing in the main ring at Fermilab 67172
Dey, J. *see* Bhat, C.M. 66961
Dey, K.K. *see* Chaubey, V.K. 63458
Dey, K.K. *see* Singh, U.N. 94075
Dey, P. *see* Ogunlana, S.O. 60908
Dey, S., Chakradhar, S.T. Retiming sequential circuits to enhance testability 49370
Dey, S., Krishnamurthy, V., Salmon-Legagneur, T. Estimation of Markov-modulated time-series via EM algorithm 95427
Dey, S., Potkonjak, M. Non-scan design-for-testability of RT-level data paths 91844
Dey, S., Potkonjak, M., Roy, R. Synthesizing designs with low-cardinality minimum feedback vertex set for partial scan application 49366
Dey, S. *see* Bhattacharya, S. 92104
Dey, S. *see* Bhattacharya, S. 92172
Dey, S. *see* Chakradhar, S.T. 92130
Dey, S. *see* Freund, J. 61406
Dey, S. *see* Potkonjak, M. 91790
Dey, S.K. Integrated Pb-perovskite dielectrics for science and technology 63072
Deyou Bao *see* Bao Deyou
Deyst, J.P., Souders, T.M. Phase plane compensation of the NIST sampling comparator system 97871
Deyst, J.P., Souders, T.M., Solomon, O.M. Sounds on least-squares four-parameter sine-fit errors due to harmonic distortion and noise 95492
Deyu An *see* An Deyu
Deyuan Gao *see* Gao Deyuan
Deyuan Tao *see* Tao Deyuan
Dezarn, W.A. *see* Ross, M.A. 53283
Dezelic, R. Electric energy savings by melting of steel waste 54269
Dezhang Zhu *see* Zhu Dezhang
Dezhgosha, K., Sylla, A.K., Ngouyassa, E. Lossless and lossy image compression algorithms for on-board processing in spacecrafts 88638
Dezhong Shen *see* He, Q.B. 73043
Dezhong Shen *see* Xuezhou Ding 94577
Dezhong Shen *see* Yuheng Zhang 94590
Dezhurko, M.D. *see* Baryshevsky, V.G. 88313
Dezhurko, M.D. *see* Baryshevsky, V.G. 98730
Dezza, F.Castelli *see* Castelli Dezza, F.
DG III *see* Kupiec, M. 51133
Dhadwal, H.S. *see* Khan, R.R. 87245
D'Haeger, V., Stulens, H., De Ceuninck, W., De Schepper, L., Tielmans, L., Gallopyn, G., De Pauw, P., Stals, L.M. The use of early resistance and early TCR changes to predict the reliability of on-chip interconnects 80957
Dhaene, T., Martens, L., De Zutter, D. Calibration and normalization of time domain network analyzer measurements 58959
Dhaene, T., Martens, L., De Zutter, D. Accurate transient simulation algorithm for high-speed interconnections 83736
Dhaene, T., Martens, Z., De Zutter, D. Extended Bennia-Riad criterion for iterative frequency-domain deconvolution 74008
Dhall, S.K. *see* Madabhushi, S.V.R. 91681
Dhanasekaran, R. *see* Jothilingam, R. 79866
Dhanasekaran, R. *see* Qhalid Fareed, R.S. 48947
Dhanda, B.S. *see* Warrington, E.M. 97024
Dhanjal, S. Noise cancellation techniques in speech signals (DLPNC) 95329
Dhaouadi, A. *see* Kraus, D. 74103
Dhaouadi, R., Kubo, K., Tobise, M. Analysis and compensation of speed drive systems with torsional loads 69113
Dhar, N. *see* Rao, M.V. 91421
Dhar, N.K., Boyd, P.R., Amirtharaj, P.M., Dinan, J.H., Benson, J.D. Self-aligned molecular beam epitaxy of CdZnTe for IR focal plane arrays 91521
Dhar, P. *see* Saha, D. 57968
Dhar, S. Application of a recursive method for registration error correction in tracking with multiple sensors 57512
Dhar, S. *see* Mallik, K. 81236
Dhar, S. *see* Mallik, K. 81441
Dharamsi, N. *see* Joshi, R.P. 75967
Dharanikota, S. *see* Rao, N.S.V. 65333
Dharanipragada, S., Arun, K.S. A Newton algorithm for convex constrained reconstruction 84786
Dharchoudhury, A., Kang, S.M., Cha, H., Patel, J.H. Fast timing simulation of transient faults in digital circuits 92169
Dharchoudhury, A., Kang, S.M., Kim, K.H., Lee, S.H. Fast and accurate timing simulation with regionwise quadratic models of MOS I-V characteristics 91820
Dharchoudhury, A. *see* Morikuni, J.J. 75469
Dharmadasa, I.M., Blomfield, C.J., Gregory, G.E., Young, J. Influence of chemical etching on metal contacts to II-VI compounds: CdTe and ZnSe 71196
Dharmarajan, K. *see* Schlageter, J. 70389
Dharmavaram, V. *see* Canter, K.F. 81161
Dhawan, A.P., Arata, L. Segmentation of medical images through competitive learning 64804
Dhawan, A.P., Dufresne, T. Neural model-based approach to image enhancement 57642
Dhawan, A.P. *see* Chitre, Y. 59274
Dhawan, A.P. *see* Dufresne, T.E. 88399
Dhawan, R.K., Mohan, N., Nilssen, R., Davis, P. Applying expert systems for designing high frequency power transformers 68691
Dhawan, S.K., Appel, R., Zeller, M.E., Blumer, M., Roberts, K., Sumner, R. An integrated

chamber mounted proportional wire chamber readout system 98579
Dhawan, V., Takikawa, S., Robeson, W., Spetsieris, P., Chaly, T., Dahl, R., Zanzi, I., Bandyopadhyay, D., Margouleff, D., Eidelberg, D. Quantitative brain FDG/PET studies using dynamic aortic imaging 88450
d'Hayer, F. *see* Brylinski, C. 70893
Dheer, P.N. *see* Dubey, S.S. 63284
Dhenaut, C. *see* Samuel, I.D.W. 83291
Dhere, N.G., Waterhouse, D.L., Sundaram, K.B., Melendez, O., Parikh, N.R., Patnaik, B.K. Solution-grown CdS layers for polycrystalline-thin-film solar cells 100656
Dhere, R. *see* Keyes, B. 90437
Dhere, R.G., Ramanathan, K., Keyes, B.M., Moutinho, H.R. Growth and properties of CdS/CdTe heterojunctions on soda lime glass substrates 79881
Dhere, R.G. *see* Ramanathan, K. 100503
Dhers, J. The large electric machines, converters and controls systems: industrial applications 100867
Dhese, K.A., Ashenford, D.E., Nicholls, J.E., Devine, P., Lunn, B., Scott, C.G., Jaroszynski, J. Nitrogen doping of molecular beam epitaxially grown CdTe with a radio-frequency plasma source 71285
Dhese, K.A., Nicholls, J.E., Hagston, W.E., Wright, P.J., Cockayne, B., Davies, J.J. The metalorganic chemical vapour deposition and photoluminescence of tellurium-doped ZnS/CdS:Te strained layer superlattices 70138
Dhingra, A., Rothwarf, A. Computer simulation and modeling of the graded bandgap $CuInSe_2$/CdS solar cell 100505
Dhinojwala, A., Wong, G.K., Torkelson, J.M. Relative contribution of the electric-field-induced third-order effect to second-harmonic generation in poled, doped, amorphous polymers 83296
Dhir, A.K., Dhir, K.S. Corporate excellence for international competition 69495
Dhir, K.S., Glover, F., Kuo, C.-C. Optimizing diversity for engineering management 60867
Dhir, K.S. *see* Dhir, A.K. 69495
Dhodhi, M.K. *see* Ahmad, I. 70257
Dholakia, R.R., Harlam, B. Telecommunications and economic development: Econometric analysis of the US experience 85394
Dhome, M. *see* Braud, P. 84712
Dhome, M. *see* Daucher, N. 66097
D'Hondt, M. *see* Moerman, I. 83086
Dhosi, G. *see* Schadt, D. 97356
Dhuler, V.R. *see* Deng, K. 60271
Dhurandhar, S.V., Schutz, B.F. Filtering coalescing binary signals: issues concerning narrow banding, thresholds, and optimal sampling 84252
Di, C. *see* Xue, H. 49327
Di Ang Zhao, Liu Junjia Telecommunications development and economic growth in China 58012
Di Baja, G.S., Thiel, E. (3,4)-weighted skeleton decomposition for pattern representation and description 74584
di Baja, G.Sanniti *see* Sanniti di Baja, G.
Di Barba, P., Savini, A., Wiak, S. 2-D numerical simulation of electrostatic micrometer torque 54047
Di Barba, P. *see* Arpino, F. 90011
Di Bartolomeo, A. *see* Giorgi, L. 60433
Di Benedetto, O. *see* Sabatini, A.M. 97475
Di Benedetto, R. *see* Naletto, G. 87279
Di Biagio, S. *see* Cardone, A. 85320
Di Biase, V.C. *see* Caviglia, F. 86525
Di Bin, P. *see* Pagnoux, D. 50485
Di Bin, P. *see* Pagnoux, D. 72312
di Bisceglie, M. *see* Conte, E. 67868
Di Bisceglie, M. *see* Conte, E. 88821
Di Blasi, R. *see* Lucidi, F. 96213
Di Bono, P.J. *see* Carpentier, J.L. 59976
Di Capua, E. *see* Buontempo, S. 53296
Di Capua, E. *see* Buontempo, S. 98502
Di Carlo, A., Vogl, P., Potz, W. Theory of Zener tunneling and Wannier-Stark states in semiconductors 93311
Di Carlo, A. *see* Zandler, G. 63592
Di Cataldo, G., Palumbo, G. Improved dynamic model of double and triple charge pumps to take current leakage into account 91879
Di Cataldo, G., Palumbo, G. Double and triple charge pumps with MOS diodes: dynamic models to an optimized design 93625
Di Cesare, A. *see* Pinna, G.D. 59391
Di Chen *see* Chen Di
Di Ciaccio, A. *see* Moers, T. 67364
Di Cocco, G. *see* Dusi, W. 88041
Di Concetto, M., Gabrielli, L., Vercellone, V., Melen, R. Testing methods and equipments for ATM switching nodes 65539
Di Cosimo, G. *see* Bini, C. 98418
Di Crescenzo, G. *see* De Santis, A. 73740
Di Crescenzo, G. *see* De Santis, A. 73748
Di Domenico, A. *see* Bini, C. 98418
Di Fabbrizio, G. *see* Castagneri, G. 64341
Di Fabrizio, E. *see* Pan, S. 81727
Di Fiore, L. *see* Barone, F. 97824
Di Fiore, L. *see* Bernini, U. 52878
Di Fonzo, S. *see* Abrami, A. 98715
di Forte-Poisson, M.A., Brylinski, C., Pons, D. LP-MOCVD grown GaInP/GaAs HBT structures 70896
Di Gerlando, A., Vistoli, I. Computational strategies for design oriented stepping motor modelling 90045
Di Giovanni, N.D. *see* Trainotti, V. 90789
Di Girolamo, B. *see* Cardini, A. 67354
Di Girolamo, R. *see* Elhakeem, A.K. 65554
Di Giuliomaria, C., Sacco, R., Nenci, L., Zampi, P., Pisani, P. Optimum positioning of deep-water buoys to provide reliable meteo-marine information 99231
Di Ianni, M. *see* Clementi, A. 64964
Di Jiandong *see* Jiandong Di
Di Lazzaro, P. *see* Letardi, T. 94572
Di Leonardo, R. *see* Recupero, V. 60431
Di Li *see* Li Di
Di Liberto, S. *see* Buontempo, S. 53296
Di Marcantonio, U. *see* Di Mattia, A. 80516
Di Martino, J.C., Colnet, B. Image segmentation by non supervised neural networks 65935
Di Martino, J.C., Haton, J.P., Laporte, A. Lofargram line tracking by multistage decision process 75656
Di Marzio, D., Larson, D.J., Jr., Casagrande, L.G., Wu, J., Dudley, M., Tobin, S.P., Norton, P.W. Large-area x-ray topographic screening of II-VI substrates and epilayers 92960
Di Massa, G. *see* Cardito, M. 76449
Di Mattia, A., Catena, E., Cirone, R., Di Marcantonio, U. GaAs and mixed hybrid technologies in the development of phase shifter arrays 80516
Di Mauro, A. *see* Almeida, J. 87994
Di Mauro, E.C., Wadhams, K.R., Wellstead, P.E. On- and off-line measurement of paper shrinkage 58980
Di Nallo, C., Frezza, F., Galli, A., Gerosa, G., Guglielmi, M., Lampariello, P. Experimental investigation on NRD-guide dual-mode filters 80606
Di Nallo, C., Frezza, F., Galli, A., Lampariello, P., Oliner, A.A. Properties of NRD-guide and H-guide higher-order modes: physical and nonphysical ranges 94925
Di Natale, C., D'Amico, A., Davide, F.A.M., Faglia, G., Nelli, P., Sberveglieri, G. Performance evaluation of an SnO_2-based sensor array for the quantitative measurement of mixtures of H_2S and NO_2 98159
Di Natale, C., Davide, F.A.M., D'Amico, A., Gopel, W., Weimar, U. Sensor arrays calibration with enhanced neural networks 66564
Di Natale, C. *see* Davide, F.A.M. 58881
Di Nicolantonio, W. *see* Bacci, C. 67317
Di Paola, R. *see* Benali, H. 64823
Di Pasquale, F., Federighi, M. Improved gain characteristics in high-concentration Er^{3+}/Yb^{3+} codoped glass waveguide amplifiers 83006
Di Pasquale, F., Hernandez-Figueroa, H.E. Improved all-optical switching in a three-slab nonlinear directional coupler with gain 73431
Di Pasquale, F., Zoboli, M., Federighi, M., Massarek, I. Finite-element modeling of silica waveguide amplifiers with high erbium concentration 72358
Di Pietro, C. Groupware meetings that work 85922
Di Pietro, C. *see* Elkasabgy, N.M. 68617
Di Porto, P. *see* Segev, M. 83315
Di Rinaldi, J.-P.Scotto *see* Scotto Di Rinaldi, J.-P.
Di Sciascio, G. *see* Campana, D. 53310
Di Siena, A. *see* Carelli, G. 56604
Di Stefano, A. *see* Cavalieri, S. 57954
Di Stefano, R., Meo, S., Scarano, M. Induction motor faults diagnostic via artificial neural network (ANN) 90005
Di Stefano, R. *see* Attaianese, C. 100821
di Uccio, U.Scotti *see* Scotti di Uccio, U.
Di Vita, P. *see* Artiglia, M. 94393
Di Vito, A. *see* Aloisio, V. 58462
Di Yan *see* Xuezeng Pan 80041
Di Zenobio, D., Santella, G. Measurements on indoor reception of broadcast signals at 800 MHz 87421
Di-Hui Huang, King, E.E., Palkuti, L.J. Characterization of hot-carrier-induced degradation in p-channel MOSFETs by total injected charge techniques 62772
Di-Luan Le, Ghannouchi, F.M. Source-pull measurements using reverse six-port reflectometers with application to MESFET mixer design 87470
Di-Luan Le, Ghannouchi, F.M. Network analysis of nonlinear devices under multi-frequency excitation 92556
Di-Son Kuo, Simpson, M., Tsou, L., Mukherjee, S. TEFET—a high density, low erase voltage, trench flash EEPROM 70517
Dia, R.M. *see* Lai, R. 92521
Diab, C. *see* Akrout, N.M. 74463
Diachina, J. *see* Isaksson, M. 97113
Diaczek, A. *see* Benayoun, M. 59095
Diaferia, R. *see* Cantoni, P. 53306
Dialetis, D. *see* Mathew, J. 87691
Diallo, D., Champenois, G., Daffix, H. On-line adjustment of the torque angle for torque optimization and diagnosis purposes in anisotropics PMSM 90515
Diallo, D., Champenois, G., Rognon, J.-P. Two management strategies to deal with PWM inverter's control variable saturation 69110
Diallo, D., Champenois, G., Rognon, J.P. Two management strategies to deal with PWM inverter's control variable saturation 69058
Dialynas, E.N., Koskolos, N.C. Reliability modeling and evaluation of HVDC power transmission systems 68187
Diamandi, I., Sahalos, J.N. Frequency and time domain analysis of the scattered field of buried dielectric targets 94782
Diamantaras, K.I., Grammalidis, N., Strintzis, M.G. KLT-based coding of I-frames in stereoscopic image sequences 74270
Diamantaras, K.I. *see* Kung, S.Y. 64437
Diamanti, R., Fama, F., Moccia, G., Alfonsetti, R., De Biase, M., Picozzi, P., Santucci, S. Effects of the poly-silicon grain-size on $TiSi_2$ sheet resistance 61729
Diambrini-Palazzi, G. *see* Bini, C. 98418
Diamessis, J.E. *see* Angelidis, E. 80456
Diamond, H.G., Halberstam, H., Richert, H.-E. A boundary value problem for a pair of differential delay equations related to sieve theory. III 61191
Diamond, J., Pedrycz, W., McLeod, D. Fuzzy JK flip-flops as computational structures: design and implementation 49294
Diamond, J.M. A clinical temperature standard 88355
Diamond, W.T. High voltage vacuum insulation in crossed magnetic and electric fields 63095
Diancheng Zhang *see* Zhang Diancheng
Dianguo Xu, Yan Wang, Wei Wang The application of frequency/voltage coordinating control strategy to 9-phase hybrid stepping motor driving system 100845
Dianguo Xu *see* Xu Dianguo
Diani, M., Aubel, D., Bischoff, J.L., Kubler, L., Bolmont, D. Electron cyclotron resonance plasma ion beam effects on the formation of SiC on Si(001) characterized by in-situ photoemission 49883
Diannong Liang *see* Liang Diannong
Dianov, E.M., Golant, K.M., Karpov, V.I., Khrapko, R.R., Kurkov, A.S., Protopopov, V.N., Semenov, S.L., Shebuniaev, A.G. Application of reduced-pressure plasma CVD technology to the fabrication of Er-doped optical fibers 94080
Dianov, E.M., Kazansky, P.G., Starodubov, D.S. Growth rate studies of second harmonic generation in lead glass by a counterpropagation method 56337
Dianov, E.M., Kazanskii, P.G., Starodubov, D.S. Transient gratings of a quadratic nonlinear susceptibility due to the coherent photogalvanic effect in semiconductor-microcrystallite-doped glasses 83247
Dianov, E.M., Kazansky, P.G., Starodubov, D.S., Stepanov, D.Yu. Evidence for different photovoltaic mechanisms of photoinduced second-harmonic generation in semiconductor microcrystallite-doped and lead glass 63967
Dianov, E.M., Kazansky, P.G., Starodubov, D.S., Stepanov, D.Yu., Taylor, E.R. Influence of PbO concentration on photoinduced second harmonic generation in lead glasses 63969
Dianov, E.M., Kornienko, L.S., Rybaltovsky, A.O., Chernov, P.V., Yatsenko, Y.P. Photoinduced second-harmonic generation in fibres doped with rare-earth ions and germanium 56866
Dianov, E.M., Prokhorov, A.M., Trubenko, P.A., Shcherbakov, E.A. Optically pumped semiconductor laser based on a $Zn_{1-x}Cd_xSe/ZnSe$ quantum-well structure 72833
Dianov, E.M., Prokhorov, A.M., Trubenko, P.A., Shcherbakov, E.A. Molecular beam epitaxy of $Zn_{1-x}Cd_xSe/ZnSe$ quantum-well structures on GaAs 91425
Dianov, E.M., Sokolov, V.O., Sulimov, V.B. Kinetics of photoinduced second-harmonic generation caused by third-order photogalvanic effect in glass 63972
Dianov, E.M., Starodubov, D.S., Izyneev, A.A. Efficient photoinduced second-harmonic generation in Ce-doped lead germanate glasses 63999
Dianov, E.M. *see* Abramov, A.A. 56335
Dianov, E.M. *see* Biriukov, A.S. 56336
Dianov, E.M. *see* Richardson, D.J. 65801
Dianov, E.M. *see* Schell, P. 94510
Dianov, E.M. *see* Semjonov, S.L. 94096
Dianyan Fan *see* Fengtie Wu 56928
Diao, H.W. *see* Li, L.Q. 100606
Diao Ming An oscillating limiter demodulator for satellite video reception 86282
Dias, A.F., Araujo, A.deA. Real-time neutron radiography imaging system 70199
Dias, E.D., Pragasam, R., Murthy, V.R.K., Viswanathan, B. An automated loop tracer for the study of the growth of ferroelectric hysteresis 87358
Dias, J. *see* Araujo, H. 96096
Dias, J.A.S. *see* Martins, M.M. 69169
Dias, J.M.B., Leitao, J.M.N. Maximum likelihood estimation of spectral moments at low signal to noise ratios 84419
Dias, L. *see* de Vries, B. 73814

Dias, L.G. *see* Momoh, J.A. 53743
Dias, L.G. *see* Momoh, J.A. 78240
Dias, L.G. *see* Momoh, J.A. 89247
Dias, R. *see* Sow, Y.K. 92847
Dias, T.H.V.T. *see* Rachinhas, P.J.B.M. 88059
Dias, T.H.V.T. *see* Rachinhas, P.J.B.M. 98605
Dias, V.F., Liberali, V., Palmisano, G. Sigma-delta modulators for high-resolution and wide-band A/D converter applications 61613
Dias, V.F., Palmisano, G., Maloberti, F. Harmonic distortion in SC sigma-delta modulators 49209
Dias, V.F. *see* Palmisano, G. 49583
Diawara, Y. *see* Gruning, U. 71333
Diaz, C. *see* Duvvury, C. 63000
Diaz, C.H. Automation of electrical overstress characterization for semiconductor devices [CMOS processes] 93609
Diaz, C.H., Duvvury, C., Sung-Mo Kang Electro-thermal simulation of electrical overstress in advanced nMOS ESD I/O protection devices 93662
Diaz, C.H., Sung-Mo Kang, Duvvury, C. Simulation of electrical overstress thermal failures in integrated circuits 50067
Diaz, D.C. *see* Kun-Hsi Li 56563
Diaz, E.V. *see* Bassi, E. 100822
Diaz, J., Eliashevich, I., He, X., Yi, H., Wang, L., Kolev, E., Garbuzov, D., Razeghi, M. High-power InGaAsP/GaAs 0.8-μm laser diodes and peculiarities of operational characteristics 72894
Diaz, J., Yi, H.J., Erdtmann, M., He, X., Kolev, E., Garbuzov, D., Bigan, E., Razeghi, M. Efficiency of photoluminescence and excess carrier confinement in InGaAsP/GaAs structures prepared by metal-organic chemical-vapor deposition 79903
Diaz, J. *see* Alonso, J.M. 60615
Diaz, J.C. *see* Olmos, P. 67405
Diaz, K.R. Getting started on the Net [Internet] 75016
Diaz, L.M. *see* de Perez, T.A. 74027
Diaz, M., Lozes, A., Chassot, C., Amer, P.D. Partial order connections: A new concept for high speed and multimedia services and protocols 74697
Diaz, M., Pays, G. The Cesame project: Formal design of high speed multimedia cooperative systems 74803
Diaz, M. *see* Senac, P. 74806
Diaz, M. *see* Thai, K.-L. 74805
Diaz, M.M. *see* Falin, G.I. 91202
Diaz, R. *see* Merino, J.M. 100651
Diaz Acosta, R. *see* Ramos Niembro, G. 77971
Diaz Castanon, S. *see* Sanchez Llamazares, J.L. 50231
Diaz Toledo, R. Applying large AC drive configurations 60531
Diaz-Verdejo, J.E., Segura-Luna, J.C., Rubio-Ayuso, A.J., Peinado-Herreros, A.M., Perez-Cordoba, J.L. A new neuron model for an Alphanet-semicontinuous HMM 73815
Dib, N., Katehi, L. Characterization of sub-mm-wave dielectric waveguide directional coupler using the FDTD method 80623
Dib, N.I. *see* Engel, A.G., Jr. 61877
Dib, N.I. *see* Jong-Gwan Yook 80743
Dib, R.N. *see* Bunten, B. 68328
Dibben, D., Metaxas, A.C. Experimental verification of a finite element solution to heating problems in a multi-mode cavity 54261
DiBene, A. *see* Burns, J. 68828
Diberder, F.Le *see* Le Diberder, F.
DiBitonto, D. *see* Adam, A. 88087
DiBitonto, D. *see* Adam, A. 88102
DiBitonto, D. *see* Adriani, O. 88023
DiBitonto, D. *see* Ambrosi, G. 53302
Dibon, E.M. *see* Dupont, A. 58933
DiBrito, D.A. *see* Mace, S.E. 54213
DiCarlo, J., Evans, O.B., Fedyk, J., Ficner, S., Khadim, M., Dammel, R.R. Identification of diazonaphthoquinone esters of polyhydroxybenzophenone compounds 81670
Dich, L.Z. Optical measuring displacement transducers 97904
Dich, L.Z. *see* Podlaskin, B.G. 52856
Dich, M. *see* Christensen, E.L. 75617
Dicic, Z. *see* Dent, R.A. 89545
DiCillo, J.J., Chen, C.H., Garrett, W.R., Payne, M.G., Templeton, D.W. Potential eye and sensor protection from tunable lasers by means of thin film aluminum mirrors 50909
Dick, E., Riemslagh, K. Multi-staging of Jacobi relaxation to improve smoothing properties of multigrid methods for steady Euler equations 69872
Dick, G.J. *see* Prestage, J.D. 86960
Dick, J. *see* Dear, I.D. 79283
Dick, J.H., Trischler, E., Dislis, C., Ambler, A.P. Sensitivity analysis in economics based test strategy planning 79286
Dick, R. *see* Rivard, B. 77295
Dick, S. National Grid experience with partial discharges in gas insulated substations 54134
Dick, S. Designing without numbers [computerised circuit design/analysis] 70225
Dickens, A.R. Distributed representation issues for distributed virtual environments 52130
Dickerson, K.R., Chester, J.P. Standards for integrated services and networks 96441
Dickey, C. *see* Sachtschale, R.J. 67187
Dickey, E. *see* Pham, L.V. 87384
Dickey, F. *see* Gheen, G. 51576
Dickey, F.M. *see* Morimoto, A.K. 59379
Dickey, F.M. *see* Stalker, K.T. 63507
Dickhaus, H., Khadra, L., Brachmann, J. Time-frequency analysis of ventricular late potentials 59394
Dickhaus, H., Khadra, L., Brachmann, J. Quantification of ECG late potentials by wavelet transformation 76994
Dickin, F.J. *see* Wang, M. 58638
Dickinson, A.G. *see* Kramer, A. 70425
Dickinson, B. *see* Swan, D.H. 68982
Dickinson, B.W. *see* Jungwoo Lee 84765
Dickinson, B.W. *see* Lee, J. 64694
Dickinson, J.T. *see* Dawes, M.L. 91413
Dickinson, K.L. An introduction to high resolution patterned magnetoresistive sensors and their application in digital tachometers 79055
Dickinson, M. *see* Bowden, S. 100705
Dickinson, M.R. *see* Anders, S. 53237
Dickinson, M.R. *see* Brown, I.G. 53213
Dickinson, M.R. *see* Wannop, N.M. 94430
Dickinson, S.J., Jasiobedzki, P., Olofsson, G., Christensen, H.I. Qualitative tracking of 3-D objects using active contour networks 84691
Dickinson, S.J. *see* Rivlin, E. 84802
Dickmann, J., Berg, M., Hackbarth, T., Deufel, R., Daembkes, H., Scholz, F., Moser, M. p^+-thin surface layer Schottky-barrier enhanced high speed pseudomorphic $Al_{0.25}Ga_{0.75}As/In_{0.15}Ga_{0.85}As$ and $Ga_{0.5}In_{0.5}P/In_{0.15}Ga_{0.85}As$ MODFETs 61936
Dickmann, J., Daembkes, H., Schildberg, S., Fittng, H.-J., Ellrod, P., Tegude, F.J. Analytical model to determine the gate leakage current in $In_{0.52}Al_{0.48}As/In_xGa_{1-x}As$ pseudomorphic modulation doped field-effect transistors caused by thermionic field emission 56010
Dickmann, J., Schildberg, S., Geyer, A., Maile, B.E., Schurr, A., Heuthe, S., Narozny, P. Breakdown mechanisms in the on-state mode of operation of $InAlAs/In_xGa_{1-x}As$ pseudomorphic HEMTs 56034
Dickmann, K., Dik, E. Laser drilling of fine holes 64047
Dickmanns, E.D. Active bifocal vision 84883
Dickmanns, E.D., Werner, S., Kraus, S., Schell, R. Experimental results in autonomous landing approaches by dynamic machine vision 77139
Dickow, U. *see* Brawn, I.P. 98657
Dickson, D. *see* Erskine, C. 75136
Dickson, J.F., Grabow, J., Palmteer, B., Anderson, M. A high performance hermetic direct bond copper package 79384
Dickson, J.W. A step towards efficient Bayesian signal reconstruction 84656
Dickson, L.D., Rallison, R.D., Yung, B.H. Holographic polarization-separation elements 83357
Dickson, M.H., Fanelli, M. Small geothermal resources: a review 78478
Dickson, R.S. *see* Leech, P.W. 49870
Dickson, W. *see* Knapman, J. 76958
Dico, A.S. *see* Isaksen, O. 98355
Dictus, N. *see* Burgun, L. 49340
Dictus, N. *see* Burgun, L. 91999
Diddams, S., Zhao, X.M., Diels, J.-C. Pulse measurements without optical nonlinearities 73003
Didenko, A.A. *see* Anashin, V.V. 76538
Didenko, A.N. *see* Azarkevich, E.I. 55506
Didenko, P.I. *see* Brozek, T. 93068
Didier, G. *see* El Mokri, A. 69919
Didik, V.A., Kozlovskii, V.V., Malkovich, R.Sh., Skoryatina, E.A. Profiles of radioactive isotopes formed in the chalcopyrite $CuInSe_2$ by irradiation with high-energy protons, deuterons, and alpha particles 93127
Diduk, N.N. Uncertainty theory: purpose, first results, and prospects. I 48745
Diduk, N.N. Properties of discrete uncertainty spaces. Refinement of the basic coding theorem 83885
Diduyk, A.Ju. *see* Varichenko, V.S. 71079
Didyk, A.Yu. *see* Apel, P.Yu. 88189
Diebolt, D.M. *see* Hefner, A.R., Jr. 93382
Dieci, L., Eirola, T. Positive definiteness in the numerical solution of Riccati differential equations 54774
Dieckmann, A. Linewidth broadening in wavelength tunable laser diode due to absorption and parasitic currents 94441
Dieckmann, A. Non-Lorentzian line shape functions for wavelength tunable laser diodes 94524
Diederich, C.J., Stauffer, P.R., Bozzo, D. An improved bolus configuration for commercial multielement ultrasound and microwave hyperthermia systems 98932
Diederich, C.J., Stauffer, P.R., Sneed, P.S., Phillips, T.L. The design of ultrasound applicators for interstitial hyperthermia 98937
Diederich, C.J. *see* Fenn, A.J. 53446
Diederich, C.J. *see* Stauffer, P.R. 98941
Diefes, D. GPS based attitude determining system for marine navigation 65740
Diego, R.de *see* de Diego, R.
Dieguez, E. *see* Sochinskii, N.V. 81455
Dieguez, I. *see* Barrat, S. 70095
Diehl, E. User recognition of standard A/V control pictograms 86786
Dieker, C., Gerthsen, D., Forster, A., Lange, J., Luth, H. Microstructure of GaAs/AlAs and InGaAs/AlAs resonant tunnelling diodes and its correlation with the electrical properties 81794
Dieker, C. *see* Berger, M.G. 62255
Diekert, V. A partial trace semantics for Petri nets 91301
Diekmann, F.J. *see* de Waard, J. 77382
Dielacher, F. *see* Tiefenbacher, M. 85953
Diels, J.-C. *see* Diddams, S. 73003
Diemel, H.A. GSM, intelligent networks and personal communications 86210
Dienel, S. *see* Einfeld, D. 59217
Dienel, S. *see* Einfeld, D. 66834
Dienes, A. *see* Hong, M.Y. 63838
Dienhart, B. *see* Schmidtchen, U. 90884
Dienot, J.M., Llopis, O., Andre, P., Gayral, M., Graffeuil, J. A new characterization approach to extract HBT's models for non-linear microwave CAD 80717
Dienot, J.M. *see* Llopis, O. 80718
Dienot, J.M. *see* Verdier, J. 62885
Dieperink, I. *see* van Kampen, H.S.M. 79495
Dierberger, K., Grafham, D. Design of a 3000 Watt single MOSFET power factor correction circuit 59876
Dierendonck, A.J.Van *see* Van Dierendonck, A.J.
Dierichs, M.M.T.M. *see* de Lange, G. 50411
Dierickx, B., Alaerts, A., Debusschere, I., Simoen, E., Vlummens, J., Claeys, C., Maes, H., Hermans, L., Heijne, E.H.M., Jarron, P., Anghinolfi, F., Aspell, P., Campbell, M., Pengg, F.X., Bosisio, L., Focardi, E., Delpierre, P., Mekkaoui, A., Habrard, M.C., Sauvage, D. Integration of CMOS-electronics in an SOI layer on high-resistivity silicon substrates 67378
Dierickx, B. *see* Bosisio, L. 59074
Dierickx, B. *see* Ricquier, N. 66457
Dierickx, B. *see* Ricquier, N. 87271
Dierickx, B. *see* Simoen, E. 49995
Dierking, M.W., McCormick, W.S. High-bandwidth laser-pulse generator using continuous-wave lasers 83202
Dierking, W. *see* Drinkwater, M.R. 77422
Dierschke, E. *see* Aswell, C.J. 94269
Diersing, R.J. Communications services provided by the PACSAT-1, UOSAT-5, and KITSAT-1 amateur radio satellites 75373
Diessl, G. *see* Winkler, J.F.H. 52283
Diest, M.Van *see* Van Diest, M.
Diestel, R., Leader, I. Domination games on infinite graphs 69749
Diestelhorst, M., Beige, H. Small signal amplification in a nonlinear series-resonance circuit with ferroelectric TGS-capacitor 55104
Dietemann, J.-L. *see* Gangi, A. 76925
Dieter, R.J. *see* Meddeb, J. 79940
Dieter, W., Irmer, U., Klappan, P. Network control systems for interconnection 68052
Diethelm, K. Modified compound quadrature rules for strongly singular integrals 69863
Diethmann, S.-I. *see* Mittasch, C. 85802
Diethorn, E.J. The generalized exponential time-frequency distribution 64424
Dietl, T. *see* Lenard, A. 97967
Dietrich, B. *see* Srinivasan, R. 54417
Dietrich, C.R. *see* Newsam, G.N. 91168
Dietrich, D.L. *see* Reddy, R.K. 60924
Dietrich, D.L. *see* Smith, R.W. 54637
Dietrich, E., Ehiers, H., Ferstl, M., Kuhlow, B., Pawlowski, E., Przyrembel, G., Rosin, T., Teich, G., Vathke, J., Walf, G. 3D spatial switching stage with holographic-optical free beam linking networks 97237
Dietrich, E., Schulze, A. Out of control? Statistical bases for out-of-control-conditions with quality control cards 61002
Dietrich, H.B. *see* Binari, S.C. 55891
Dietrich, H.B. *see* Rao, M.V. 71289
Dietrich, H.B. *see* Rao, M.V. 91421
Dietrich, P., Rao, R.R. Delay analysis of a circuit-switched interconnection network with non-uniform traffic 64923
Dietrich, P. *see* Johnson, M. 76135
Dietz, C. *see* Pham, D. 92287
Dietz, D.A. Aqueous cleaning and water-soluble flux qualification 70994
Dietz, E. *see* Luszik-Bhadra, M. 88176
Dietz, E. *see* Luszik-Bhadra, M. 88177
Dietz, N. *see* Cattarin, S. 60450
Dietz, N. *see* Habermehl, S. 91485
Dietz, R., Zabler, E., Schirmer, J., Heintz, F. Numerical field calculation for the development of magnetic sensors in the motor vehicle 66266
Dietze, G., Menzel, H.G. Aspects of ICRP 60 and ICRU 47 relevant to individual monitoring of external exposure 88590
Dietzsch, C. *see* Praprotnik, B. 76737
Dietzsch, M., Lunze, U. Production measuring techniques—the costs for testing are dropping 79461
Dietzsch, O. *see* Canzian da Silva, N. 67397
Dieu, N. *see* Nakajima, H. 72780
Dieudonne, J.M. *see* Guttich, U. 80769
Dieudonne, J.M. *see* Guttich, U. 80819
Dieudonne, J.M. *see* Riepe, K. 80751
Diez, E. *see* Bock, B. 53325
Diffie, W. *see* Landau, S. 83927

DiFiore, J. *see* Vinsant, R. 68858
Digalakis, V. *see* Murveit, H. 84039
Digalakis, V.V., Chou, K.C. Maximum likelihood identification of multiscale stochastic models using the wavelet transform and the EM algorithm 84405
Digalakis, V.V. *see* Neumeyer, L.G. 95247
Diggavi, S.N., Shynk, J.J., Laub, A.J. Direction-of-arrival estimation for a lens-based array 74006
Diggavi, S.N., Shynk, J.J., Laub, A.J. A direction-finding algorithm for lens-based antenna systems 95619
Diggelen, F.van *see* van Diggelen, F.
Diggelmann, U. *see* Abplanalp, M. 53309
Diggle, D.W. *see* Van Graas, F. 88655
Dighe, R.S. *see* Ramamurthy, G. 65422
DiGiacomo, W. *see* Brinkley, P.A. 81027
Digioia, A.M., Jr, Rojas-Gonzalez, L.F. Rock socket transmission line foundation performance 78178
Digiorgio, B.E., Rook, M.E., Collins, J.J. Repowering of operating power plants 78462
DiGiovanni, D.J. *see* Chung, Y.C. 86345
DiGiovanni, D.J. *see* Delavaux, J.-M.P. 50773
DiGiovanni, D.J. *see* Lee, D. 86476
DiGiovanni, D.J. *see* Lee, J.S. 86369
DiGiovanni, D.J. *see* Mizrahi, V. 58396
DiGiovanni, D.J. *see* Nuyts, R.J. 86400
DiGiovanni, D.J. *see* Poole, C.D. 97341
DiGiovanni, D.J. *see* Saeta, P.N. 63968
DiGiovanni, D.J. *see* Saeta, P.N. 94085
DiGiovanni, D.J. *see* Smart, R.G. 50774
DiGiovanni, D.J. *see* Willems, F.W. 50764
Dignam, M. *see* Wegscheider, W. 94461
Digonnet, M.J.F. Status of broadband rare-earth doped fiber sources for FOG applications 76029
Digonnet, M.J.F. *see* Davis, M.K. 56909
Digonnet, M.J.F. *see* Sadowski, R.W. 56911
Digonnet, M.J.F. *see* Wagener, J.L. 56717
Digonnet, M.J.F. *see* Wagener, J.L. 56723
Digonnet, M.J.F. *see* Wysocki, P.F. 52885
Dijaili, S. *see* Roeske, F. 67727
Dijk, J.D.P.Van *see* Van Dijk, J.D.P.
Dijk, J.W.E.van *see* van Dijk, J.W.E.
Dijkerman, R.W., Mazumdar, R.R. Wavelet representations of stochastic processes and multiresolution stochastic models 74069
Dijkerman, R.W., Mazumdar, R.R. On the correlation structure of the wavelet coefficients of fractional Brownian motion 91234
Dijkhuis, H., Schultz, P., van Wesenbeeck, P.J.M.M. Deliverability assessment of the Gasunie main transmission system 79496
Dijkstra, E. *see* Lanfranchi, D. 93797
Dijkstra, E. *see* Perotto, J.-F. 80353
Dijkstra, H. *see* Op de Beeck, M. 82060
Dijkstra, H. *see* Schwalm, R. 81613
Dijkstra, J.E. *see* Strijbos, R.C. 63751
Dijkstra, M.B. *see* Pelgrom, M.J.M. 80401
Dijkstra, S. *see* Bongers, P.M.M. 100047
Dik, E. *see* Dickmann, K. 64047
Dikansky, N. *see* Aleksandrov, A.V. 87901
Dikansky, N.S., Pestrikov, D.V. Phase averaging of the beam-beam instability 53134
Dikansky, N.S. *see* Anashin, V.V. 76538
Dikareva, V.V. *see* Bondarenko, V.P. 69982
Dike, B.A., Smith, R.E. Application of genetic algorithms to air combat maneuvering 88645
Diks, K. *see* Chiebus, B.S. 51761
Dilday, J.L. *see* Keusseyan, R.L. 92850
Dildine, R. *see* Collins, C.E. 87495
DiLemmo, M. *see* Marino, A. 99258
Dilger, R., Machowski, J., Nelles, D. Modulation algorithms for damping power system oscillations using active and reactive power control 68041
Dilhaire, S. *see* Claeys, W. 60949
Dilhaire, S. *see* Claeys, W. 79311
Dilhaire, S. *see* Claeys, W. 80968
Diliberti, T. *see* Becker, C. 53608
Diliberti, T. *see* Becker, C. 68022
Diliberti, T. *see* Becker, C. 88965
Dill, A. *see* Astle, B. 92801
Dill, C., III *see* Zayhowski, J.J. 94376
Dill, D.L. *see* Hu, A.J. 96214
Dillen, B.G.M. *see* Schaeffer, C.J. 66467
Dillenbeck, K. *see* Mertens, P.W. 71400
Dillenbeck, K. *see* Schmidt, H.F. 62457
Diller, K.R. *see* Aggarwal, S.J. 67485
Dillier, N. *see* Kompis, M. 98950
Dillner, U. Thermal modeling of multilayer membranes for sensor applications 58719
Dillon, B.M., Gibson, A.A.P. Broadband Faraday rotation sections using three ridges 49628
Dillon, B.M., Gibson, A.A.P. Efficient use of symmetry for finite element analysis of eigenvalue problems 51182
Dillon, B.M., Liu, P.T.S., Webb, J.P. Spurious modes in quadrilateral and triangular edge elements 70830
Dillon, B.M. *see* Gibson, A.A.P. 72187
Dillon, B.M. *see* Gibson, A.A.P. 91854
Dillon, D. Optical system powers 900-MHz microcell links 97049
Dillon, O.W. *see* Chong, K.P. 79758
Dillon, P.S. Salvageability becoming law 69545
Dillon, P.S. Mandated electronic equipment recycling in Europe: implications for companies and US public policy 90869
Dillon, T.S., Chang, E. Solution of power system problems through the use of the object oriented paradigm 59865
Dillon, T.S. *see* Khosla, R. 68346
Dillon, T.S. *see* Li, X. 65050
Dillon, W. *see* Butler, J.F. 98816
Dilmanian, F.A. *see* Luke, P.N. 88057
Dilmanian, F.A. *see* Luke, P.N. 98869
Dilmanian, F.A. *see* Shleifer, M. 88380
Dilmanian, F.A. *see* Xiao, Q.F. 88297
DiLorenzo, J.V. ".....and their spears into pruning hooks." [MMIC products] 92594
Dilthey, U., Fuest, D., Kropla, O. Sensor controlled laser welding with filler wire addition 50979
Dilworth, D. *see* Chen, H. 59347
Dilworth, D. *see* Chen, H. 67524
Dilworth, I. *see* Stevens, R. 86207
Dilworth, I.J. Millimetre wave systems for radio propagation measurements 51107
Dilworth, I.J. *see* Pote, A. 52343
Dilworth, I.J. *see* Stevens, R.D. 65600
Dilworth, P.A. *see* Staranczak, G.A. 85388
Dim-Lee Kwong *see* Joshi, A.B. 81882
Dim-Lee Kwong *see* Kinoshita, H. 62412
Dimaczek, G., Fassbinder, H.-G., Emmel, A., Kupfer, R. High-precision Coriolis mass flowmeter for bulk material two-phase flows 98374
Dimakis, C.E. *see* Nissopoulos, I.K. 97029
Dimakov, S.A. *see* Gorlanov, A.V. 72967
DiMarco, J. *see* Jaffery, T.S. 76656
DiMarco, J. *see* Wake, M. 87685
Dimarco, J. *see* Wanderer, P. 82422
DiMarco, J.N. *see* Rusnak, B. 67128
Dimarcq, N. *see* Audoin, C. 86838
Dimarcq, N. *see* Petit, P. 86861
DiMaria, D.J. *see* Abadeer, W.W. 71703
DiMaria, D.J. *see* Arnold, D. 56090
DiMaria, D.J. *see* Buchanan, D.A. 93062
Dimarogonas, A.D. Fuzzy input-neural net adaptive expert systems for diagnosis of turbomachinery incipient failures 89825
DiMarzio, C.A. *see* Oliver, S.A. 87217
Dimas, E. *see* Simos, T.E. 91382
DiMatteo, D., Willis, K. High speed digital system design 91967
Dimbylow, P.J., Mann, S.M. SAR calculations in an anatomically realistic model of the head for mobile communication transceivers at 900 MHz and 1.8 GHz 88571
Dimech, F.Z. The role of telecommunications as a catalyst for qualitative change 96351
Dimes, D., Warren, W.L., Sinclair, M.B., Tuttle, B.A., Schwartz, R.W. Photoinduced hysteresis changes and optical storage in $(Pb,La)(Zr,Ti)O_3$ thin films and ceramics 82529
Dimino, S.A., Niederjohn, R.J., Heinen, J.A. Estimating the energy contour of noise-corrupted speech signals by autocorrelation extrapolation 95250
Dimitrakis, P. *see* Papaioannou, G.J. 71725
Dimitriadis, C.A., Stoemenos, J., Coxon, P.A., Friligkos, S., Antonopoulos, J., Economou, N.A. Effect of pressure on the growth of the crystallites of low pressure chemical vapour deposited polycrystalline silicon films and the effective electron mobility under high normal field in thin film transistors 62145
Dimitriadis, C.A., Tassis, D.H., Economou, N.A., Giakoumakis, G. Influence of deposition pressure on the bulk and interface states in low pressure chemical vapor deposited polycrystalline silicon thin-film transistors 56009
Dimitriadis, C.A., Tassis, D.H., Stoemenos, J., Economou, N.A. Bulk and interface states in polycrystalline silicon thin film transistors 81875
Dimitrijev, S. *see* Golubovic, S. 71665
Dimitrijev, S. *see* Sitte, R. 55965
Dimitrijevic, D.D., Maglaris, B., Boorstyn, R.R. Routing in multidomain networks 85358
Dimitriou, N. *see* Adam, W. 88114
Dimitroff, G., Anjard, R.P. Profound knowledge—application of a major Deming principle 90850
Dimitrov, D.A., Zahariev, A.L., Georgiev, J.K., Kolev, G.A., Petrinski, J.N., Ivanov, T. Thin film platinum resistance thermometers: calibration and mathematical description of T(R) function 58680
Dimitrov, D.K. On some weight functions admitting (0, 2) quadrature formulae with a high algebraic degree of precision 79678
Dimitrov, K.D. *see* Astadjov, D.N. 72693
Dimitrov, K.D. *see* Sabotinov, N.V. 82909
Dimitrov, V., Donevsky, B. A limited disproof to the conjecture of evaluating the matrix polynomial $I+A+A^2+\cdots+A^{N-1}$ 48735
DiModica, J. *see* Guerci, J.R. 95438
Dimolitsas, S., Corcoran, F.L., Baraniecki, M., Phipps, J.G., Jr. Use of low-delay code-excited linear prediction technology in circuit multiplexed networks 84103
Dimolitsas, S., Corcoran, F.L., Baraniecki, M.R. Transmission quality of north American cellular, personal communications, and public switched telephone networks 65649
Dimolitsas, S., Corcoran, F.L., Phipps, J.G., Jr. Impact of transmission delay on ISDN videotelephony 74877
Dimolitsas, S., Corcoran, F.L., Ravishankar, C. Voice transmission quality of mobile satellite communications systems 86272
Dimolitsas, S., Ravishankar, C., Schroder, G. Current objectives in 4-kb/s wireline-quality speech coding standardization 95319
Dimolitsas, S., Rieser, J.H., Ragland, R.J., Feldman, H., Davis, E. Facsimile transmission over digital satellite land-mobile channels 85617
Dimolitsas, S. *see* Sherif, M.H. 52059
Dimolitsas, S. *see* Sherif, M.H. 96577
DiMondi, V.D., Townsend, P.K. Developing high density, low profile interconnects 49716
Dimopoulos, N.J., Watkins, A., Neville, S., Li, K.F. An expert network analyzer: fault diagnosis and prediction 97667
Dimos, D., Potter, B.G., Sinclair, M.B., Tuttle, B.A., Warren, W.L. Photo-induced and electrooptic properties of $(Pb,La)(Zr,Ti)O_3$ films for optical memories 93753
Dimos, D. *see* Schwartz, R.W. 50130
Dimza, V. *see* Burkhanov, A.I. 93743
Dimza, V. *see* Sternberg, A. 56100
Din, C.N. *see* Rassokhin, N.G. 99837
Din-Chang Tseng, Chung-Hsun Chang Color segmentation using UCS perceptual attributes 95672
Din-Xin Shen, Tian-Hao Tang, Yu-Long Zhan Fault prediagnosis of a diesel engine using the multiple autoregressive model and an artificial neural network 89570
Dinan, J.H. *see* Dhar, N.K. 91521
Dinand, M., Sohler, W. Theoretical modeling of optical amplification in Er-doped $Ti:LiNbO_3$ waveguides 72736
Dinand, M. *see* Brinkmann, R. 50572
Dinand, M. *see* Brinkmann, R. 94389
Dinc, A., Bar-Ness, Y. A forward/backward bootstrapped structure for blind separation of signals in a multi-channel dispersive environment 84284
Dinca, A., Lupei, V., Dinca, M.P. Thin films for variable reflectance laser mirrors 83224
Dinca, M.P. *see* Dinca, A. 83224
D'Incecco, M. *see* Bencivenni, G. 67303
Din'Chuk Nam *see* Nigmatulin, B.I. 89543
Dindo, S.F., Ney, M.M., Harrison, R.G. Transmission-line matrix (TLM) formulation of the non-stationary transient electromagnetic fields in a thin GaAs sample 83457
Dinelli, G. *see* Sberveglieri, G. 98150
Dinerman, B.J., Moulton, P.F. 3-μm cw laser operations in erbium-doped YSGG, GGG, and YAG 72743
Dinesh, A. *see* Sharma, K.B. 73487
DiNetta, L.C. *see* Bai, Y. 100474
Dinev, D., Enchevich, I. Beam monochromatization means of the U-250 AVF cyclotron 98435
Ding, A.-L. *see* Luo, W.-G. 49004
Ding, A.-L. *see* Luo, W.-G. 56107
Ding, C.Q., Liu, Z., Gou, G.K. Energy efficiency analysis of DG670/140-11 boiler in transient 89651
Ding, D., Yu, H. Discussion of some US MIL-HDBK-338 math-models for reliability and maintainability parameters 54606
Ding, H. *see* El-Keib, A.A. 77986
Ding, H.L. *see* Bai, J.Z. 53324
Ding, J., Hagerott, M., Kelkar, P., Nurmikko, A.V., Grillo, D.C., He, L., Han, J., Gunshor, R.L. Role of Coulomb-correlated electron-hole pairs in ZnSe-based quantum-well diode lasers 94457
Ding, J., Hagerott, M., Kelkar, P., Nurmikko, A.V., Grillo, D.C., Li He, Han, J., Gunshor, R.L. Gain and dynamics in ZnSe-based quantum wells 72870
Ding, J. *see* Shahriari, M.R. 76105
Ding, L.R. *see* Chen, J.L. 79510
Ding, M.S. *see* Al-Nuaimi, M.O. 75207
Ding, P.J., Wang, W., Lanford, W.A., Hymes, S., Murarka, S.P. Thermal annealing of buried Al barrier layers to passivate the surface of copper films 81579
Ding, X.M. *see* Cai, W.Z. 79851
Ding, X.M. *see* Li, Z.S. 62496
Ding, X.Z. *see* Mao, J.M. 71158
Ding, Y., Eichler, H.J. Crystal orientation dependence of the photorefractive four-wave mixing in compound semiconductors of symmetry group 43m 73092
Ding, Y. *see* Vaccaro, R.J. 84463
Ding, Y.J. *see* Khurgin, J.B. 73055
Ding, Y.J. *see* Khurgin, J.B. 83340
Ding, Y.P. *see* Low, T.S. 54003
Ding, Y.P. *see* Ma, L.Y.X. 78642
Ding, Z. *see* Li, Y. 84403
Ding Day *see* Kraemer, B. 92580
Ding Day *see* Shu, J. 92523
Ding Furong *see* Wei Luncun 92950
Ding Hao *see* Hao Ding
Ding Hengchun *see* Hengchun Ding
Ding Hong *see* Hong Ding
Ding Hongbin *see* Zhou Weiming 94294
Ding Hongyu *see* Hongyu Ding
Ding Huai-Dong *see* Huai-Dong Ding
Ding Jianming *see* Que Lianyuan 53722
Ding Jianxun *see* Jianxun Ding
Ding Juren *see* Juren Ding
Ding Linkai *see* Bacci, C. 67317

Ding Lu The management of China's telecommunications industry. Some institutional facts 58010
Ding Ming *see* Yang Shibai 67985
Ding Ming *see* Yang Shibai 67986
Ding Ming *see* Yang Shibai 67987
Ding Mingfeng *see* Hong Jiarong 91335
Ding Renjie *see* Renjie Ding
Ding Shouqian *see* Sheng Xia 94751
Ding Wei *see* Wei Ding
Ding Xianchun *see* Xianchun Ding
Ding Xiao-Min *see* Xiao-Min Ding
Ding Xuezhou *see* Xuezhou Ding
Ding Yinong *see* Yinong Ding
Ding Yiyuan *see* Yang Jianyu 97388
Ding Yongqing *see* Peng Ruiwu 79870
Ding Yunshi *see* Li Chongjian 89913
Ding Yuzheng *see* Yuzheng Ding
Ding Zhan *see* Zhan Ding
Ding Zhen-Liang, Chen Zhong, Yuan Yi-Bao, Xu Jun, Yuan Feng Supporting method of the composite long gage blocks 58968
Ding Zhen-Liang, Wang Wen-Yi, Chen Li-Jie Uncertainty of least square estimation 58614
Ding Zhi *see* Zhi Ding
Ding-Li Guo *see* Leitmannova-Ottova, A. 87306
Ding-Xuan Zhou A note on derivatives of Bernstein polynomials 69825
Ding-Zhu Du, Park, H. On competitive group testing 91262
Dingcheng Huang *see* Huang Dingcheng
Dinges, W.L., Horrocks, J.C., Lonergan, T.J. A regeneration technique for basic hydrogen peroxide using potassium superoxide 94337
Dinggang Shen, Yen Wu, Feihu Qi Moving target location by neighbour-search algorithm 95926
Dinggang Shen *see* Shen Dinggang
Dingkang Zhang *see* Zhang Dingkang
Dingley, D. *see* Argyle, B.E. 72118
Dingley, D. *see* Schafer, R. 50260
Dingquan Xiao, Jumu Zhu, Jianguo Zhu, Zhili Xiao, Zhenghong Qian, Hailong Zhang, Huachong Guo, Bizheng Xie The orientation of $(Pb,La)TiO_3$ thin films grown on different substrates by multi-ion-beam reactive cosputtering technique 56099
Dingsan Gao *see* Gao Dingsan
Dingus, B.L. *see* Cuddapah, R. 76761
Dingwen Zhou *see* Zhou Dingwen
Dingyi Wang *see* Wang Dingyi
Dingyu Shen *see* Shen Dingyu
Dingyuan Huang *see* Huang Dingyuan
Dingyuan Tang *see* Tang Dingyuan
Dinh, T.Vu *see* Vu Dinh, T.
Dini, M., Guerguil, M. Small firms, new technologies and human resources requirements in Chile 69469
Dininger, J. Three critical measurements on injection molding processes 69278
Dinis, J. *see* Davies, R. 85185
Diniz, P.S.R., Cousseau, J.E., Antoniou, A. Fast parallel realization of IIR adaptive filters 92379
Diniz, P.S.R. *see* de Campos, M.L.R. 84286
Dinjiang Huang *see* Huang Dinjiang
Dinkel, G. *see* LaPlace, C. 89101
Dinkel, J., Hanna, B., Jensen, C., Qunell, D., Reilly, R. Development of a high quality kicker magnet system 67192
Dinming Lam *see* Kunsong Huang 59689
DiNova, K. *see* Maruyama, X.K. 67219
Dinstein, I. *see* Pikaz, A. 74569
DiNuccio, J. *see* Claus, R.O. 52935
Diola, R.A. *see* Zurbrick, L.S. 62573
Dion, A.R. *see* Mayhan, J.T. 57232
Dion, D. *see* Bosse, E. 97380
Dion, M. *see* Fallahi, M. 50827
Dion, M. *see* Sudersena Rao, T. 72895
Dion, M. *see* Zhan-Ming Li 63783
Dionigi, M. *see* Alessandri, F. 80615
Dionisio, C., Levrini, G., Zelli, C. ERS-1 radar altimeter in-flight performance 65894
Dionisio, C., Perrotta, G., Torre, A. Dedicated SAR applications for regional observation missions 77600
Dionne, E.R. Overview of the AFMC Phillips Laboratory Space and Missiles Technology Directorate 67661
Dionne, G.F., Oates, D.E., Temme, D.H. Low-loss microwave ferrite phase shifters with superconducting circuits 80620
Dionne, G.F. *see* Harris, N.W. 80598
Dionne, J.-P. *see* Gaudreau, M.P.J. 69131
Dionne, N. *see* Chernin, D. 62114
D'Iorio, M. *see* Cihlar, J. 77702
D'Iorio, M.A., Butlin, T. The Canadian Radarsat FASTSCAN system 77214
D'Iorio, M.A., Lam, J., Whitman, J. An overview of Canadian processing systems for Radarsat 67787
Dios, F. *see* Artigas, D. 72377
Diot, C. *see* Roca, V. 96263
Diot, J.-L. *see* Ehnert, A. 49156
Diotti, F. *see* Lazzeri, L. 78480
Dipalma, L. *see* Mallary, M.L. 72129
DiPietro, D.M. *see* Grace, J.W. 97780
DiPietro, R.C. *see* Perry, R.P. 75624
Dipten Deb, Siambis, J., Symons, R. Plasma ion implantation technology for broad industrial application 68700
Director, S.W. *see* Jacome, M.F. 90910
Director, S.W. *see* Koval, V. 91711
Director, S.W. *see* Wang, Z. 50061
Direskeneli, H., Seliga, T.A., Aydin, K. Prediction and comparisons of C-band reflectivity profiles from S-band dual polarization measurements 73347
Direskeneli, H. *see* Seliga, T.A. 67823
Dirks, A.G., Augur, R.A., de Veirman, A.E.M. Al-Si-V and Al-Si-V-Pd films as alternatives for Al-Si-Cu interconnect: microstructure and its impact on reliability 62529
Dirks, E. *see* McLaren, P.G. 78227
Dirks, R. Overvoltage protection of SF_6 plants 54117
Dirksen, D., von Bally, G. Holographic double-exposure interferometry in near real time with photorefractive crystals 83379
Dirksen, D. *see* Van der Wal, K. 85448
Dirksen, M. *see* van der Wal, K. 96131
Dirksen, P. *see* Bischoff, J. 71532
Dirnberger, W. *see* Grotzbach, M. 53610
DiRosa, D. *see* Stetina, F. 77307
Dischert, L. *see* Leacock, T. 97659
Dischler, B. *see* Larkins, E.C. 52840
Diserens, N.J., Sullivan, S.P. Simulation of a remote field eddy current detector in eccentric thin-walled non ferrous tubes using a 3D finite-element program 80006
Dishart, K.T. Environmental advantages of the semi-aqueous cleaning process 55480
Dishovski, N., Petkov, A., Nedkov, I., Razkazov, I. Hexaferrite contribution to microwave absorbers characteristics 73311
Diskett, D.J. *see* Fisher, J.M. 61329
Disko, M.M., Ahn, C.C., Fultz, B. *(editors)* Transmission Electron Energy Loss Spectrometry in Materials Science 48536
Dislis, C. *see* Dick, J.H. 79286
Dislis, C.D. *see* Dear, I.D. 79283
Disney, D.R., Plummer, J.D. Lateral depletion-mode thyristors in SOI substrates 55943
Disney, D.R., Plummer, J.D. SOI LIGBT devices with a dual P-well implant for improved latching characteristics 55999
Disney, R.L. *see* Szekli, R. 91200
Dissado, L.A. *see* Fothergill, J.C. 63066
Distante, A. *see* Convertino, G. 74233
Distante, A. *see* Lovergine, F.P. 84584
DiStefano, T.H. *see* Halperin, A. 48683
Distler, H. *see* Zakel, E. 81119
Distler, K. Biblis A: engineering and plant management 89503
Distler, W. Ceramic multilayers: technology with recycling advantages 49722
Dit-Yan Yeung *see* Kwok-Leung Mou 95230
Dita, S. *see* Ariztizabal, F. 98518
Ditali, A. *see* Thakur, R.P.S. 62382
Ditang Fang *see* Fang Ditang
DiTaranto, M.B. *see* Farquharson, S. 49039
Ditchek, B.M. *see* Pelleg, J. 81361
Ditchek, B.M. *see* Zalkind, S. 81350
Ditizio, R.A. *see* Tieer Gu 55798
Ditlov, V.A. Local response of sensitive microregion in solid state track detectors as a visualization result of some part of its physical states 88192
Ditlow, G. *see* Zein, D.A. 82057
Ditmire, T., Nguyen, H., Perry, M.D. Design and performance of a multiterawatt Cr:LiSrAlF$_6$ laser system 50754
Ditmire, T. *see* Salieres, P. 56900
DiTomaso, N., Farris, G.F., Cordero, R. Degrees and diversity at work 60858
DiTomaso, N. *see* Cordero, R. 48625
DiTomaso, N. *see* Cordero, R. 69475
Ditsariyakul, P., Sutheparuks, L., Limlamai, N. Role of Thailand Remote Sensing Center in data service for global environment monitoring 67882
Dittman, R. *see* Stenzel, R. 55854
Dittmann, L., Kvols, K. Traffic measurements and test equipment in BATMAN 51951
Dittmann, L. *see* Myken, S. 65065
Dittmann, R. Slot-reuse in high-speed communication networks 85315
Dittmann, R. *see* Graetz, T. 80069
Dittmar, A. *see* Arnaud, F. 59257
Dittmar, A. *see* Delhomme, G. 76882
Dittmayer, J. *see* Hamann, N.H. 67312
Dittmer, G. *see* Yee, H.P. 91888
Dittmer, R. *see* Block, F.R. 94758
Dittrich, H., Klose, M., Brieger, M., Schaffler, R., Schock, H.W. CuInSe$_2$ thin film solar cells by pulsed laser deposition 100665
Dittrich, J. *see* Altenhofen, M. 65450
Dittrich, T., Timoshenko, V.Yu. Influence of H_2O atmosphere on the photoluminescence of HF-passivated porous silicon 62453
Dittrich, T. *see* Angermann, H. 71366
Dittrich, W. On an electrostatic AC machine with variable ratio of rotational speed and supply frequency 60229
Dittrich, W. *see* von Schickfus, M. 66526
Dittus, F. *see* Borer, K. 76790
Ditzian, Z. Direct estimate for Bernstein polynomials 79521
Ditzinger, A. *see* Dresig, F. 61634
Divakaruni, R., Peterson, R., Nystrom, S., Viswanathan, C.R. Low temperature low frequency noise in oxide and reoxidized-nitrided oxide films 62805
Divakaruni, R., Prabhakar, V., Viswanathan, C.R. Activation energy determination from low-temperature CV dispersion [semiconductor devices] 81905
Divakaruni, R. *see* Xiaoyu Li 50015
Divakuruni, M. *see* Patel, D. 68111
Divall, E.J. *see* Lister, J.M.D. 63668
Divall, E.J. *see* Ross, I.N. 63669
Divan, D. *see* Kurnia, A. 68718
Divan, D.M. *see* Chandorkar, M.C. 68817
Divan, D.M. *see* Chandrokar, M.C. 100275
Divan, D.M. *see* Chingchi Chen 60318
Divan, D.M. *see* Chingchi Chen 69077
Divan, D.M. *see* Heeres, B.J. 99668
Divan, D.M. *see* Hess, H.L. 60536
Divan, D.M. *see* Johnson, B.K. 89205
Divan, D.M. *see* Kramer, K.M. 62656
Divan, D.M. *see* Kutkut, N.H. 68771
Divan, D.M. *see* Skibinski, G.L. 68767
Divan, D.M. *see* Wallace, I.T. 89978
Divekar, A.A., Vizzini, A.J. Delamination detection in tapered laminates using embedded ultrasonics 91671
DiVenere, A., Yi, X.J., Hou, C.L., Wang, H.C., Chen, J., Ketterson, J.B., Wong, G.K., Meyer, J.R., Hoffman, C.A., Bartoli, F.J. Molecular-beam epitaxy growth of Bi epilayers and Bi-CdTe superlattices 54853
Diviacco, B. Performance optimization of pure permanent magnet undulators 67243
Diviacco, B., Wallker, R.P. Magnetic interaction effects in ELETTRA segmented pure permanent magnet undulators 67216
Diviacco, B. *see* Walker, R.P. 67242
Divin, Yu.Ya. *see* Andreev, A.V. 63306
Divin, Yu.Ya. *see* Andreev, A.V. 87142
Divine, M.D. *see* Khan, M.N. 52289
Divine, M.D. *see* Zucker, J.E. 82730
Divisek, J., de Haart, L.G.J., Holtappels, P., Lennartz, T., Mallener, W., Stimming, U., Wippermann, K. The kinetics of electrochemical reactions on high temperature fuel cell electrodes 60435
Divkovic-Puksec, J. Influence of recombination centers on p-n junction current 93038
Divry, A. The technology of the aluminium electrolytic capacitor 55446
Divsalar, D., Simon, M.K. Maximum-likelihood differential detection of uncoded and trellis coded amplitude phase modulation over AWGN and fading channels—metrics and performance 51297
Divsalar, D. *see* Simon, M.K. 51307
Dix, W.-R. *see* Buschhorn, G. 76859
Dixit, A.D., Hirakawa, K., Burghard, A. Effect of non-uniform current distribution in the via patterns on microelectronics reliability 56070
Dixit, M. *see* Salomon, M. 88108
Dixit, M. *see* Salomon, M. 98618
Dixit, M.S., Oakham, F.G., Armitage, J.C., Dubeau, J., Karlen, D., Stuart, G.C., Taylor, S.C., Shipsey, I., Johnson, E., Greenwald, A. Gas microstrip detectors on resistive plastic substrates 88014
Dixit, N.S., Thiyagarajan, T.K., Satyamurthy, P., Venkatramani, N. Experimental study on the effect of insulating vane and interaction parameter on current and voltage in a liquid metal MHD generator 60483
Dixit, P.N., Kumar, S., Sarangi, D., Bhattacharyya, R. Onset of photoconduction in hydrogenated amorphous carbon films prepared by RF asymmetric PECVD technique 50669
Dixit, P.N., Varma, S.P., Panwar, O.S., Seth, T., Gupta, D., Bhattacharyya, R. Infrared studies of hard hydrogenated amorphous carbon (a-C:H) film and the effect of argon plasma treatment 50657
Dixit, S.K., Singh, B., Mittal, J.K., Choube, R., Bhatnagar, R. Analysis of the temporal and spatial characteristics of the output from short-inversion-time self-terminating lasers with various resonators 72947
Dixit, S.N. *see* DeLoach, L.D. 94392
Dixmier, J. *see* Maurice, J.-L. 81870
Dixon, D.A., Dobbs, K.D., Walker, S.C. Computational chemical design for CFC alternatives at DuPont 79049
Dixon, G.J. *see* Effenberger, F.J. 83001
Dixon, I.R. *see* Markiewicz, W.D. 82449
Dixon, J. British Gas experience with competency based training for electrical maintenance within hazardous areas 48597
Dixon, J. *see* Moran, L. 100243
Dixon, J.E. *see* Tihanyi, P.L. 72914
Dixon, J.L., Yeomans, J.S., Goldthorp, J.M. NEXTNOIS—a programmable noise generating system for testing wire-based loop transmission systems 96947
Dixon, J.W., Rivarola, J.H. A precise induction motor speed estimator, based on a fixed carrier frequency signal 100122
Dixon, J.W., Tepper, S., Moran, L. Analysis and evaluation of different modulation techniques for active power filters 68836
Dixon, J.W., Veas, D.R., Ooi, B.T. A simplified control system for series connected, AC-DC

PWM converters, for back-to-back multiterminal systems 100247
Dixon, J.W. *see* Veas, D.R. 60321
Dixon, L.W., Garcia C., J., Luis Moran, T. A control system for a three phase active power filter which simultaneously compensates power factor and unbalanced loads 89090
Dixon, S., Edwards, C., Palmer, S.B. The analysis of adhesive bonds using electromagnetic acoustic transducers 99378
Dixon, S.A. *see* Donohue-Perry, M.M. 67682
Dixon, T.B. *see* Ghosh, A.K. 89252
Dixon, W. *see* Lukaszek, W. 62366
Dixson, R. *see* Shiner, D. 86972
Diyuan Ren *see* Ren Diyuan
diZerega, P. *see* Enjeti, P. 68857
Dizon, R., Han, H., Reed, M.L. Single-mask processing of micromechanical piercing structures using ion milling [biomedical tissue fasteners] 55783
Dizon, R., Hongtao Han, Russell, A.G., Reed, M.L. An ion milling pattern transfer technique for fabrication of three-dimensional micromechanical structures 62473
Djafari, A.M. Maximum entropy and inverse problems in image reconstruction 95851
Djakonov, V.P. *see* Bunda, V. 72211
Djalal, A. *see* Brihoum, M.E. 77976
Djellouli, R. *see* Bonnet-Bendhia, A.-S. 72299
Djemai, M., Hernandez, J., Barbot, J.P. Nonlinear control with flux observer for a singularly perturbed induction motor 89961
Djen, W.S., Linebarger, D.J. Fractional-N PLL provides fast, low-noise synthesis 65597
Djennas, F., Prack, E., Matsuda, Y. Investigation of plasma effects on plastic packages delamination and cracking 91023
Djerroud, B. *see* Larochelle, Y. 87990
Djeu, N. *see* Hauglie-Hanssen, C. 63692
Djian, F. *see* Brendel, R. 50156
Djigan, V.I. Specifics of the checking matrix applications for obtaining the checking symbols of the Reed-Solomon codes 57346
Djikibaev, Z.A.M. *see* Belolaptikov, I.A. 59156
Djilali, N. Forced laminar convection in an array of stacked plates 48702
Djinovic, Z. *see* Djuric, Z. 52843
Djojosugito, R.A. On the use of cubic spline smoothing for testing parametric linear regression models 69830
Djokovic, I., Vaidyanathan, P.P. Results on biorthogonal filter banks 95497
Djokovic, I., Vaidyanathan, P.P. Statistical wavelet and filter bank optimization 95521
Djordjevic, A.B. Simulation of the discharge curve by short-time discharge based on the power of internal resistance 68938
Djordjevic, A.R., Sarkar, T.K. Three methods for evaluation of frequency-dependent resistances and inductances of multiconductor transmission lines 73405
Djordjevic, A.R. *see* Bazdar, M.B. 73412
Djordjevic, A.R. *see* Sarkar, T.K. 73421
Djordjevich, A., Wu, P.S.Y. Curvisensors for inside and outside robot arms 98026
Djotyan, G.P., Bakos, J.S. Stokes-anti-Stokes interaction in the field of a transversely non-uniform pump beam 94608
Djuknic, G.M., Schilling, D.L. Performance analysis of an ARQ transmission scheme for meteor burst communications 52463
Djupsjobacka, A., Andersson, I., Rudberg, B. A 10 Gbit/s demonstrator [fibre-optic link] 97287
Djupsjobacka, A., Sahlen, O. Dispersion compensation by differential time delay 97349
Djupsjobacka, A. *see* Benedetto, S. 82684
Djupsjobacka, M., Johansson, H., Bergenheim, M., Sandstrom, U. A multichannel hook electrode for simultaneous recording of up to 12 nerve filaments 98901
Djuric, M. *see* Terzija, V. 77813
Djuric, M.B. *see* Terzija, V.V. 78230
Djuric, P.M. Simultaneous detection and frequency estimation of sinusoidal signals 84396
Djuric, P.M., Kay, S.M. Model selection based on Bayesian predictive densities and multiple data records 74073
Djuric, P.M. *see* Cho, C.-M. 84397
Djuric, Z., Jaksic, Z., Djinovic, Z., Matic, M., Lazic, L. Some theoretical and technological aspects of uncooled HgCdTe detectors: a review 52843
Djuric, Z., Vujanic, A., Jaksic, Z. Spectral characteristics of high temperature IR photodetectors with electromagnetic carrier depletion 52853
Djuric, Z. *see* Piotrowski, J. 58752
Djuth, F.T. *see* Bernhardt, P.A. 83690
Djuth, F.T. *see* Groves, K.M. 65910
Dlaska, K., Ergun, N., Ganster, M. Countably S-closed spaces 91251
Dlouhy, Z. *see* Fomichev, A.S. 53328
Dlouhy, Z. *see* Tretyakova, S. 88168
Dlugopolsky, J. *see* Tvarozek, V. 66513
Dmitrenko, V.V. *see* Bolotnikov, A.E. 67415
Dmitrenko, V.V. *see* Ulin, S.E. 88134
Dmitriev, A.P. *see* Kuznetsov, N.I. 81262
Dmitriev, A.S. *see* Bel'skii, Yu.L. 88496
Dmitriev, D.I. *see* Alekseev, V.N. 94406
Dmitriev, E.I., Shevoldin, V.A., Shnyrev, A.D. Dynamic infrared scene simulators 98101
Dmitriev, M.D., Yakimov, A.V. The effect of technology on the low-frequency noise of Schottky barrier diodes 71588
Dmitriev, V., Vittoria, C. Comments on "Scattering parameters measurement of a nonreciprocal coupling structure" [and reply] 61882
Dmitriev, V.I., Falaleev, S.P. Method of three-dimensional potentials for modeling electromagnetic fields in quasilaminated media 57046
Dmitriev, V.I., Shameeva, T.Yu. Solution of an inverse problem for estimation of ionospheric parameters 77419
Dmitrieva, I. *see* Rybakov, E. 76657
Dmitriyev, A.K. *see* Bagayev, S.N. 86876
Dmitriyev, A.K. *see* Bagayev, S.N. 86882
Dmitriyev, A.S. *see* Andreyev, Yu.V. 95055
Dmitriyev, A.S. *see* Andreyev, Yu.V. 95056
Dmitriyev, A.S. *see* Bel'skiy, Yu.L. 51281
Dmowski, K., Jakubowski, A. Identification of tunneling emission in Si-SiO_2 interfaces by multipoint correlation method with binomial weighting coefficients 71226
Dmytrow, D. *see* Handerek, J. 56125
Do, D.V. *see* Munidasa, M. 66587
Do, K.B. *see* Benerofe, S.J. 54968
Do, X.D., Ndayizamba, J., Ba, A.O., El Kahel, M. Transformer modeling for high frequencies 90073
Do, X.D. *see* Castillo Saturno, E.A. 90494
do Couto e Silva, E. *see* Allport, P.P. 76752
Do Hyun Kim *see* In Shig Park 81941
Do Hyun Kim *see* Jin Woo Kim 74403
Do Il Chang *see* Chu Shik Kang 72478
Do Jo Gweon *see* Gweon Do Jo
Do Jun Rhee *see* Shu Lin 73615
Do Kim Jae *see* Jae Do Kim
Do Kyeong Hoon *see* Kyeong Hoon Do
Do Lee Dong *see* Dong Do Lee
Do Man Hee *see* Man Hee Do
Do Prado, R.Nederson *see* Nederson Do Prado, R.
do Val, J.B.Ribeiro *see* Ribeiro do Val, J.B.
Do Wonchul *see* Wonchul Do
Do Xuan Dai *see* Xuan Dai Do
Do Xuan-Dai *see* Xuan-Dai Do
Do-Chan Choi, Young-Rae Kim, Gi-Won Cha, Jae-Hyeong Lee, Sang-Bo Lee, Keum-Yong Kim, Ejaz Haq, Dong-Soo Jun, Kyu-Pil Lee, Soo-In Cho, Jong-Woo Park, Hyung-Kyu Lim Battery operated 16M DRAM with post package programmable and variable self refresh 70532
Do-Hyun Jang Voltage, frequency, and phase-difference angle control of PWM inverters-fed two-phase induction motors 100797
Doan, T. *see* Gee, S. 91929
Doan, T.D., Baldwin, D.D., Turk, G.M. Real-time combustion/injection analyzer using GenIE system 75877
Doan, T.T. Understanding MIDI. The key to creating and conducting the music to your own MTV video 65258
Doan Khanh *see* Khanh Doan
Doan Khanh Bui *see* Bui Doan Khanh
Doane, D.A., Franzon, P.D. The case for multichip modules 79343
Doane, J.L., Moeller, C.P. HE_{11} mitre bends and gaps in a circular corrugated waveguide 80560
Doane, J.W. *see* Yang, D.-K. 82733
Doany, F. *see* Tong, F. 97291
Dobashi, Y., Kaneda, K., Nakashima, T., Yamashita, H., Nishita, T., Tadamura, K. Skylight for interior lighting design 90626
Dobbelaere, G., Morthier, G., Baets, R. Analysis of biasing modes of asymmetric Mach-Zehnder semiconductor optical amplifier based all-optical wavelength convertors 94639
Dobbelaere, P.de *see* de Dobbelaere, P.
Dobbins, J.A. *see* Alexander, J.P. 59072
Dobbins, J.A. *see* Alexander, J.P. 70305
Dobbs, K.D. *see* Dixon, D.A. 79049
Dobbs, N.A. *see* Twelves, C.J. 59262
Dobeck, G.J. *see* Telfer, B.A. 57595
Dobeck, G.J. *see* Telfer, B.A. 74047
Dobeck, N. *see* Chao, Y. 67004
Dobeck, N. *see* Martin, E. 60309
Dobeck, N.J., Perry, J. Proposal for a magnet power supply interface and control chip set 76826
Dobele, H.F. *see* Spaan, M. 63673
Dobisz, E.A., Eddy, C., Jr., Kosakowski, J., Glembocki, O.J., Shirey, L.M., Foster, K.W., Chu, W., Rhee, K.W., Park, D., Marrian, C.R.K., Peckerar, M.C. A comparison of dry etch approaches for tungsten patterning 81599
Dobisz, E.A. *see* Chu, W. 49927
Dobisz, E.A. *see* Shirey, L.M. 81598
Doble, N. *see* Elsener, K. 67194
Doble, N. *see* Fanti, V. 76788
Doblhoff-Dier, O. *see* Loibner, A.P. 66514
Dobos, L. Advancements in picosecond resolution time interval measurement techniques 87353
Dobosiewicz, W., Gburzynski, P. An alternative to FDDI: DPMA and the Pretzel ring 51840
Dobosiewicz, W., Gburzynski, P., Krolikowski, J. Controlling medium access in very high speed ring networks 85809
Dobosz, M. Application of a divergent laser beam in a grating interferometer for high-resolution displacement measurements 50991
Dobosz, M. New stylus probe with interferometric transducer for surface roughness and form profiling 50992
Dobreva, S., Gospodinov, M. Investigation of the electrical properties of *n*CdSe−*p*InAs heterojunction 93030
Dobrin, B.P., Viero, T., Gabbouj, M. Fast watershed algorithms: analysis and extensions 64634
Dobrin, B.P. *see* Viero, T. 85130
Dobrocka, E., Osvald, J. Influence of barrier height distribution on the parameters of Schottky diodes 71589
Dobroff, V. *see* Chang, J. 90974
Dobrokhotov, V.I. Energy conservation—an important trend in the new energy policy of Russia 78272
Dobrokhotov, V.I. Main lines of scientific and technical progress in the field of energy developed in the state program of Russia 'For Ecologically Clean Energy' 89411
Dobrokhotov, V.I., Ol'khovskii, G.G. Several problems concerning scientific and technical developments at thermal power stations 99960
Dobrovodsky, J., Besse, I., Hrubcin, L., Kovac, P. Shallow p^+n junction silicon nuclear radiation detectors 67291
Dobrovodsky, J. *see* Kovac, P. 53096
Dobrovodsky, J. *see* Pavlovic, M. 67284
Dobrovodsky, L. *see* Besse, I. 76775
Dobrovol'skii, V.N., Pal'tsev, I.E. Impact ionization at nonuniformly heated n^+-p and p^+-n junctions 49803
Dobrovolsky, A.A. *see* Gushcha, A.O. 87307
Dobrovolsky, A.N. *see* Goncharov, A.A. 53126
Dobrowiecki, T.P. *see* Roman, G. 97740
Dobrowolny, M., Melchioni, E., Guidoni, U., Iess, L., Maggi, M., Orfei, R., De Conchy, Y., Harvey, C.C., Manning, R.M., Wouters, F., Lebreton, J.-P., Ekholm, S., Butler, A. The RETE experiment for the TSS-1 mission 88635
Dobrowolny, M., Stone, N.H. A technical overview of TSS-1: the First Tethered-Satellite System mission 88630
Dobrowolska, M. *see* Short, S.W. 54855
Dobrowolski, E. An advanced approach to EMS 59794
Dobrowolski, E. *see* Danay, A. 78490
Dobrucki, A. Nontypical effects in an electrodynamic loudspeaker with a nonhomogeneous magnetic field in the air gap and nonlinear suspensions 86806
Dobrynin, V.I. *see* Belolaptikov, I.A. 59156
Dobrzanska, I. *see* Dasal, K. 53587
Dobrzanski, L. Dependence of GaAs MESFET model parameters on gate length 56006
Dobrzynski, L. Shashlik calorimeter. Response to high energy electrons 53293
Dobrzynski, L. *see* Badier, J. 87982
Dobson, D. *see* Agwani, S. 66468
Dobson, F.W. *see* Tilley, D.G. 77481
Dobson, I., Alvarado, F., DeMarco, C.L. Sensitivity of Hopf bifurcations to power system parameters 77818
Dobson, I. *see* Alvarado, F. 77958
Dobson, I. *see* Jalali, S.G. 78057
Dobson, I. *see* Overbye, T.J. 59775
Dobson, M.C., Pierce, L., Oh, Y., Stiles, J., Ulaby, F. Retrieval of soil moisture and roughness from quad-polarized airborne SAR 77303
Dobson, M.C., Wilcox, E., Ulaby, F. Effects of forest structure on radar response to forest biomass 77672
Dobson, M.C. *see* Pierce, L.E. 67921
Dobson, M.C. *see* Pierce, L.E. 77605
Dobson, M.C. *see* Pierce, L.E. 88867
Dobson, M.C. *see* Sarabandi, K. 77591
Dobson, M.C. *see* Sarabandi, K. 88860
Dobson, M.C. *see* Way, J. 77297
Dobson, P.J. *see* Salata, O.V. 91598
Dobson, R.A., Roe, M.G., Schehrer, K.L. Tracking and pattern recognition performance of a breadboard system using a nonlinear joint-transform correlator 51573
Dobuzinsky, D. *see* Cote, D. 62421
Dobychina, E.M. The interconnection system providing phase stability of an MW signal 58279
Docampo, D. *see* Perez, F. 84322
Docchio, F., Marioli, D., Sansoni, G., Taroni, A. Measurements of attenuation losses and of light distribution in thick-film optical waveguides 94152
Docchio, F., Perini, U., Tiziani, H. A combined distance and surface profile measurement system for industrial applications: a European project 66679
Docchio, F. *see* Sansoni, G. 58983
Docchio, F. *see* Sansoni, G. 87526
Doctor, A.P. *see* Rullman, G. 67829
Dodabalapur, A., Rothberg, L.J., Miller, T.M. Electroluminescence from organic semiconductors in patterned microcavities 63599
Dodabalapur, A., Rothberg, L.J., Miller, T.M., Kwock, E.W. Microcavity effects in organic semiconductors 56557
Dodd, E. *see* Chapman, J.W. 59148
Dodd, S. *see* Crozier, S. 72249
Dodd, S.J. *see* Champion, J.V. 56093
Doddrell, D.M. *see* Crozier, S. 72249
Doddrell, D.M. *see* Eccles, C.D. 59348

Dodds, D.E., Xing Zhang Spread spectrum codephase acquisition by sequence estimation 96973
Dodds, D.E. *see* Ghaderi, M. 51497
Dodelet, J.P. *see* Guelton, N. 79829
Doderer, T., Kaplunenko, V.K., Mygind, J., Pedersen, N.F. Imaging of the dynamic magnetic structure in a parallel array of shunted Josephson junctions 93928
Dodge, J. *see* Hasler, A.F. 64786
Dodge, J. *see* Wadsworth, M.V. 98088
Dodge, J.S. *see* Kapitulnik, A. 76162
Dodgson, M. Strategies for accumulating technology in small high-technology firms: a learning approach and its public policy implications 60837
Dodgson, M. *see* Rothwell, R. 60828
Dodokhov, V. *see* Cantoni, P. 53306
Dodroe, S.J., Radmer, D.T., Montgomery, R., Chen, J., Foertsch, J.S. Harmonic compensation of commercial and industrial power systems 89099
Dods, S.R.A., Ogura, M. Q-modulation of a surface emitting laser and an integrated detuned cavity 72817
Dodson, B. *see* Denny, T. 73755
Dodson, M.M. *see* Beaty, M.G. 79653
Dodunekov, S.M., Nilsson, J.E.M. Parallel decoding of the [23, 12, 7] binary Golay code 51316
Dody, G. *see* Vasan, S.V. 92843
Doeff, M.M. *see* Lampert, C.M. 63486
Doelman, A. *see* Scarr, J. 96805
Doerffer, R. *see* Puls, W. 59562
Doering, E.L., Cremer, G.A. The Shell Coal Gasification Process: The Demkolec Project and beyond 89697
Doering, R.R., Reed, D.W. Exploring the limits of cycle time for VLSI processing 71805
Doeringer, W.A., Dykeman, H.D., Peters, M.L., Sandick, H.J., Vu, K.V. Efficient, real-time address resolution in backbone networks 65362
Doerner, M.F., Yogi, T., Parker, D.S., Lambert, S., Hermsmeier, B., Allegranza, O.C., Nguyen, T. Composition effects in high density CoPtCr media 50289
Doerr, C.R. *see* Tamura, K. 72740
Doerry, A.W. Patch diameter limitation due to high chirp rates in focused SAR images 97385
Doerschuk, P.C. Bayesian reconstruction of signals invariant under a space-group symmetry from Fourier transform magnitudes 73974
Doertok, O. Simplification of migration from FPGA (Field Programmable Gate Array) to masked programmed ASICs 61655
Doeuff, R.Le *see* Le Doeuff, R.
Doev, V.S., Koledov, V.V., Kuklin, A.Yu. Mode-hopping noise reduction by rf modulation of the pump current of an injection semiconductor laser with an external cavity 83047
Dogan, A. *see* Newnham, R.E. 99340
Dogan, M.C., Mendel, J.M. Cumulant-based blind optimum beamforming 73957
Dogan, M.C., Mendel, J.M. Interpretation of cumulants for array processing 95610
Dogan, N., Akcasu, A.Z., Wehe, D.K. A 3-D reconstruction technique for an electronically collimated camera 57570
Dogan, N., Wehe, D.K. Optimization and angular resolution calculations for a multiple Compton scatter camera 98603
Dogan, N. *see* Martin, J.B. 88270
Dogan, N. *see* Martin, J.B. 88329
Dogan, N. *see* Martin, J.B. 98585
Doganaksoy, N., Hahn, G.J. Moving from everylot inspection to audit sampling 91115
Dogancay, K., Kennedy, R.A. Testing for the convergence of a linear decision directed equaliser 51276
Dogheche, E. *see* Gouy, J.P. 72611
Dogo, S. *see* Passard, M. 66543
Dogo, S. *see* Pauly, A. 87323
Dogru, M. *see* Beaumont, S.P. 88037
Dogterom, A.A. Radio amateurs and microwave technology 97047
Doguchi, K. *see* Yano, H. 72657
Doh Hoon Kim, Won Ick Jang, Boo Youn Choi, Young Il Lee, Jong Hyun Lee, Hyung Joun Yoo, Sang Won Kang, Jin Hyuk Kwon Focusing and levelling system using PSDs for the wafer steppers 71536
Doh Myeong Kyoo *see* Myeong Kyoo Doh
Doherty, D. *see* Cornily, J.-M. 74862
Doherty, J.F. Linearly constrained direct-sequence spread-spectrum interference rejection 51530
Doherty, J.F., Arigapudi, S., Weber, R.J. Spectral estimation for a magnetostrictive magnetic field sensor 75917
Doherty, P.E. *see* Damento, M.A. 66473
Doherty, P.E. *see* Meyer, H.J. 76072
Doherty, P.H. *see* Klobuchar, J.A. 73329
Doherty, P.H. *see* Preble, A.J. 88759
Dohguchi, N. *see* Koyama, T. 82533
Dohi, H. *see* Haratani, S. 86809
Dohler, G., Gallagher, D., Richards, J., Scafur, F. Harmonic high power 95 GHz peniotron 92888
Dohler, G. *see* Brees, A. 92613
Dohler, G.H. *see* Kneissl, M. 94300
Dohlus, M. *see* Wolter, H. 83758
Dohmae, S. *see* Hamanaka, M. 62525
Dohmeki, H. *see* Watada, M. 53454
Dohmen, A. Mixed FDDI and ATM data networks 85641
Dohmen, A., Kuhlin, B. High performance LANs based on ATM 65410
Dohring, T. *see* Schmiedeskamp, B. 56504
Dohyoung Chung, Taesam Kang, Jang Gyu Lee Stability robustness of LQ optimal regulators for the performance index with cross-product terms 78651
Doi, A. *see* Kirimura, H. 79946
Doi, H. *see* Enpuku, K. 56273
Doi, H. *see* Enpuku, K. 56278
Doi, K. *see* Odagawa, H. 56184
Doi, M. *see* Arai, S. 76316
Doi, M. *see* Ohska, T.K. 66159
Doi, M. *see* Tomizawa, M. 76317
Doi, S. *see* Furuyama, T. 92208
Doi, S. *see* Grossman, B. 98058
Doi, T., Hayano, S., Marinova, I., Ishida, N., Saito, Y. Defect recognition in conductive materials by local magnetic-field measurement 61440
Doi, T., Saotome, H., Hayano, S., Saito, Y. A defect estimation in conductive materials by the sampled pattern matching method 70195
Doi, T. *see* Tanaka, S. 70666
Doi, Y., Yamada, H. A 160 Gbit/s large-capacity ATM switching system using a dynamic link speed controlled switch architecture 75083
Doi, Y. *see* Haruyama, T. 94010
Doi, Y. *see* Ichige, M. 62130
Doi, Y. *see* Kawamura, T. 58253
Doi, Y. *see* Tsuchiya, K. 76346
Doi Shinobu *see* Shinobu Doi
Doin, D.M., Vorsheim, G.A., Jr. Preventing fab burnout. Recent developments in cleanroom fire protection 60872
Doing, P., White, J., Qun Shen A high-power and high-flux X-ray wiggler station at the Cornell High Energy Synchrotron Source 87738
Doiron, M. Understanding machine vision for SMT component placement 92747
Doka, T., Mihaly, S. Contextual analysis and classification of digital images sensed by microwave remote sensors (SLAR, SAR) 75547
Doka, T., Seller, R., Bozsoki, I., Farkas, B., Godor, E., Mihaly, S. Role of the ambiguity function for comparing impulse and CW modulation in imaging radars 75638
Dokas, V. *see* Mansour, R.R. 80621
Doke, H. *see* Suzuki, T. 58262
Doke, T. A historical view on the R&D for liquid rare gas detectors 67321
Doke, T. *see* Chen, M. 67340
Doke, T. *see* Hasebe, N. 59057
Doke, T. *see* Hayashi, T. 87956
Doke, T. *see* Ichige, M. 62130
Doke, T. *see* Ishida, N. 67339
Doke, T. *see* Kashiwagi, T. 66364
Doke, T. *see* Nagata, K. 59058
Dokhanian, M. *see* Sharma, A. 73054
Dokhanian, M. *see* Sharma, A. 82582
Doki, S., Sangwongwanich, S., Okuma, S. Experimental study of field-oriented vector control system using flux observer based on robust design method 60221
Doki, S. *see* Kinpara, Y. 60222
Doki, S. *see* Senjyu, T. 68647
Dokianakis, S.G. *see* Scher, M.S. 53434
Dokianakis, S.G. *see* Scher, M.S. 53435
Dokic, M.V. *see* Clarkson, P.M. 84293
Dokka, R. *see* Udd, E. 99157
Dokouzyannis, S.P. On the modelling of digital circuits for the test pattern generation for device input faults 80291
Dokouzyannis, S.P., Kontoleon, J.M. COMET—a new method for the deterministic test pattern generation in c-circuits 70446
Dokuchaev, V.A., Pshenichikov, A.P., Sokolov, N.A. Digitalization of urban and rural telephone networks in Russia 85579
Dokukin, I.Ya. Research in the field of utilizing the energy of underwater geothermal sources 89708
Dolabdjian, C., Robbes, D., Gunther, C., Lam Chok Sing, M., Desfeux, R., Bloyet, D. Realization of high T_c DC SQUIDs. Characterization on a broad range of temperature 50421
Dolabdjian, C. *see* Langlois, P. 52864
Dolabdjian, C. *see* Lesquey, E. 63319
Dolabdjian, C.P. *see* Langlois, P.Y. 56277
Dolaberidze, G.P., Rozanov, V.A. Impact of grounding of the neutral on efficiency of power supply systems 100877
Dolata, R., Neuhaus, M., Jutzi, W. Optical analysis of Al-layer oxidation during Nb/Al_2O_3-Al/Nb Josephson junction fabrication 93924
Dolbeau, J. *see* von Apeldoorn, G. 88116
Dole, W.V. Myth and reality—using the OCLC/AMIGOS collection analysis CD to measure collections against peer collections and against institutional priorities 58600
Dolecek, Q.E. Computer-generated stereoscopic displays 74309
Dolenko, B.K., Card, H.C. The effects of analog hardware properties on backpropagation networks with on-chip learning 55362
Doler, W., Rassow, S., Jager, A., Vosshenrich, R. Investigation of the imaging properties of an X-ray film scanner 59282
Dolev, S. Optimal time self stabilization in dynamic systems 74737
Dolev, S., Welch, J.L. Crash resilient communication in dynamic networks 74736
Dolezal, W.K. *see* Hopper, D.G. 77161
Dolfi, D. *see* Breugnot, S. 73061
Dolfi, D.W. *see* Hahn, K.H. 72454
Dolfini, R. *see* Benetti, P. 67327
Dolfini, R. *see* Benetti, P. 67328
Dolfini, R. *see* Cennini, P. 67285
Dolfini, R. *see* Cennini, P. 76755
Dolfini, S.M., Beck, R., Cardman, L.S., Laszewski, R.M., Mandeville, J.B., Papanicolas, C.N., Williamson, S.E., Alarcon, R., Farkhondeh, M.M., Zumbro, J., Bertozzi, W., Boeglin, W. Design of an 830 MeV/c out-of-plane spectrometer 76854
Dolfini, S.M. *see* Mandeville, J.B. 76855
Dolgetta, N., Bertolini, E., D'Urzo, C., Last, J.R., Laurenti, A., Presle, P., Sannazzaro, G., Tait, J., Tesini, A. JET divertor coils, manufacture, assembly and testing 83540
Dolgetta, N. *see* Last, J.R. 83541
Dolgikh, N.A. *see* Vlasov, G.K. 72969
Dolginov, L.M., Tunitskaya, I.V., Polyakov, A.Y., Druzhinina, L.V., Vinogradova, G.V., Smirnov, N.B., Govorkov, A.V., Borodina, O.M., Kozhukhova, E.A., Balmashnov, A.A., Milnes, A.G. The effect of Gd doping on carrier concentration in InGaAsSb layers grown by liquid phase epitaxy 93150
Dolginov, L.M. *see* Polyakov, A.Y. 71217
Dolgopolov, B.Ya. *see* Vitriencho, E.A. 77105
Dolgopolov, V.A. *see* Busyrev, A.I. 53854
Dolgopolov, V.G., Petrov, D.V., Fedyukhin, L.A. Calculation of topological coordinates of complex diffraction gratings 56379
Dolgopolov, V.T. *see* Shashkin, A.A. 71634
Dolgoshein, B. Two phase detectors (review of papers 1970-1990) 67320
Dolgov, V.I., Krokhmal, S.I., Barsov, V.I. Generation of the coherent carrier while receiving multibase relatively coded signals 74022
Dolgov, V.N. Inherently safe power-generating unit for an underground nuclear power plant 89494
Dolhun, K.L. *see* Alfa, A.S. 69507
Dolinar, D. *see* Grcar, B. 78671
Dolino, G. *see* Bellet, D. 93169
Dolinsky, A.V., Papash, A.I., Pavlov, S.N., Radchik, A.T., Valkov, A.E., Vishneveky, I.N., Zhmendak, A.V., Belov, V.P., Kapustin, A.A., Kashihin, V.S., Kokorin, A.M., Makarov, A.A., Mudyugin, B.G., Rogdestvensky, B.V., Severgin, Yu.P., Schukeilo, I.A., Tarovik, M.N. Ion storage ring of the INR Storage-Accelerating Complex 87852
Dolinsky, S. *see* Abe, K. 88115
Dolinsky, S. *see* Antilogus, P. 59064
Dolinsky, S. *see* Antilogus, P. 59127
D'Oliveira, A. *see* Abe, K. 88115
d'Oliveira, A. *see* Antilogus, P. 59064
d'Oliveira, A. *see* Antilogus, P. 59127
Doll, A. *see* Rossier, D. 89025
Doll, G.L. *see* Karpenko, O.P. 79793
Doll, J., Freeman, D.L. Monte Carlo methods in chemistry 48756
Doll, K., Johannes, F.M., Antreich, K.J. Iterative placement improvement by network flow methods 80273
Doll, K. *see* Riess, B.M. 91994
Doll, T. *see* Flietner, B. 66560
Doll, T. *see* Leu, M. 66569
Dollard, P.M. *see* Burns, H.S. 74858
Dollas, A. *see* Boland, K. 70544
Dollen, D.W.von *see* von Dollen, D.W.
Doller, H.J. A reliable, versatile and intelligent datalink system (IDS)—the key for any real-time differential GPS application 65232
Dollery, A.A. *see* Mullaney, K. 100741
Dollfus, P. *see* Abramo, A. 81195
Dollfus, P. *see* Brisset, C. 71778
Dolmatov, O.Yu. *see* Boiko, V.I. 53140
Dolnikov, V.L. *see* Bondarenko, V.A. 95836
Dolny, G., Ipri, A., Hsueh, F.-L., Stewart, R., Khormaei, R., Thayer, S., Keyser, T., Becker, G., Spitzer, M., Batty, M. High-density active matrix electroluminescent display using single-crystal silicon-on-insulator high-voltage IC technology 98213
Dolny, G. *see* Khormaei, R. 66624
Dolny, G.M., Ipri, A.C., Batty, M. CMOS/DMOS power IC technology on thin-film SOI substrates 93649
Dolny, G.M., Ipri, A.C., Nostrand, G.E., Wheatley, C.F., Wodarczyk, P.J. Polycrystalline-silicon thin-film transistor technology for low cost, high-power integrated circuits 61560
Dolot, S. *see* Lau, J. 92792
Dolot, S. *see* Solberg, V. 90996
Dolotenko, M.I. *see* Pavlovskii, A.I. 83452
Dolt, R. *see* Schweeger, G. 75960
Dolter, J., Daniel, S., Mehra, A., Rexford, J., Wu-Chang Feng, Kang Shin SPIDER: flexible and efficient communication support for point-to-point distributed systems 65401
Dolter, J. *see* Rexford, J. 96164
Doly, M. *see* Vennat, J.C. 98900

Dom, B., Blanz, W.E., Cox, C., Steele, D., Dorundo, A. The segmentation engine: a real-time image-segmentation subsystem 74356
Dom, B. *see* Kanungo, T. 74595
Dom, J.P. *see* Fouillat, P. 82091
Domack, S. *see* Henneberger, G. 90041
Domanski, A.W. *see* Beck, W.J. 87248
Domanski, A.W. *see* Wolinski, T.R. 98037
Domanski, B. The capacity management discipline's changing future 65266
Domanski, M., Bartkowiak, M. Color image archivization for medical purposes 76911
Domanski, M., Swierczynski, R. A comparison of FIR and IIR filter banks in image subband coding applications 74278
Domash, L., Gozewski, C., Nelson, A., Schwartz, J. Programmable beamlet generator, dynamic lens, and optical memory using electrically switched holographic devices 56322
Domaszewicz, J. *see* Kezunovic, M. 78225
Dombeck, T. *see* Burgett, W. 98480
Dombeck, T. *see* Kraushaar, P. 76654
Dombeck, T. *see* McInturff, A.D. 76652
Dombeck, T. *see* McInturff, A.D. 87671
Dombeck, T. *see* Robinson, W. 76644
Dombrowski, R. *see* Hurh, P. 76600
Domen, K. *see* Kondo, M. 81424
Domenech, A. *see* Sanz-Bobi, M.A. 78438
Domenico, A.Di *see* Di Domenico, A.
Domer, R. *see* Landwehr, B. 91728
Domet, J.J., III, Rajkumar, T.M., Yen, D. Multimedia networking: a leading-edge communication technology 75045
Domich, P.D. *see* Baker-Jarvis, J. 98263
Domier, C.W. *see* Sjogren, L.B. 55425
Domijan, A., Jr., Yuexin Yin Single phase induction machine simulation using the Electromagnetic Transients Program: theory and test cases 89997
Dominach, R.F. Design reviews at a distance 69509
Domingo, J., Michiel, H., Haberman, R., Sommer, M., Mitrou, N., Yonggang Du, Gotz, M., Lehnert, R., Zhili Sun, Cosmas, J.P., Renger, T., Theimer, T. Switching block studies, network performance evaluation and traffic engineering for ATM 57940
Domingo, J. *see* Marzo, J.L. 65085
Domingo, M., Torres, R.P., Catedra, M.F. Calculation of the RCS from the interaction of edges and facets 75589
Domingo, N. *see* Hwang, B. 78927
Domingo-Pascual, J. *see* Fabregat-Gesa, R. 85363
Domingo-Pascual, J. *see* Sole-Pareta, J. 74646
Domingue, C.O. Testing in a high mix environment 97806
Dominguez, F., Debs, A.S., Anasis, J. Transient voltage dip in power systems: computation and sensitivity analysis using the hybrid method 68104
Dominguez, I. *see* de Urquijo, J. 88258
Dominguez, M., Coope, I.D., Arrillaga, J., Watson, N.R. An adaptive scheme for the derivation of harmonic impedance contours 67990
Dominguez, M.J. *see* Cosculluela, M.J. 89172
Dominguez, T. *see* Sims, J.R. 83550
Dominguez-Castro, R. *see* Espejo, S. 80520
Dominguez-Castro, R. *see* Espejo, S. 98014
Dominguez-Castro, R. *see* Medeiro, F. 91799
Dominguez-Castro, R. *see* Medeiro, F. 91840
Dominiak, C., Trzaskalik, J. Production planning in the bulb factory Polam in Katowice as a linear programming problem 48644
Dominic, V., Feinberg, J. Phase-shift measurements for second-harmonic generation in glass 63396
Dominic, V., Feinberg, J. High-resolution map of the dc electric field in second-harmonic-generating glass 94644
Dominioni, A.C. Standards for guarantees of quality 60991
Dominique, F., Joseph, F. Frequency domain median filtering for narrow band interference rejection in BPSK-PN signals 96979
Dominique, P. *see* Pierre, F. 81698
Domitrovic, H., Fajt, S., Krhen, M. Design of acoustic filters with method of distributed parameters 99319
Dommann, A. *see* Buser, R.A. 68923
Dommann, A. *see* Ramm, J. 61314
Dommel, H. *see* Sana, A.-R. 90118
Dommel, H.W. *see* Carneiro, S., Jr. 68178
Dommermuth, D.G. The initialization of vortical free-surface flows 59559
Domnick, J. *see* Sayre, A.N. 76266
Domnin, I.F. *see* Sokol, E.I. 80126
Domnin, Yu.S., Tatarenkov, V.M. Comparison of the absolute frequencies of He-Ne/CH_4 lasers with a transportable M101 laser 87567
Domogatsky, G.V. *see* Barabanov, I.R. 59170
Domogatsky, G.V. *see* Belolaptikov, I.A. 59156
Domon, K. Incentive regulations to international telecommunications carriers 96344
Domrachev, V.N. *see* Galyatdinov, R.S. 56399
Domselaar, N.Van *see* Van Domselaar, N.
Don Lee Sang *see* Sang Don Lee
Don Seo Hee *see* Hee Don Seo
Donachie, S.S. *see* Nieuwenhuis, L.J.M. 96841
Donadey, A. *see* Hassainia, F. 77026
Donaghey, C.E. *see* Lin, J.Y. 54604
Donahoe, K.E., Clark, T.T., Izquierdo, N., Sufana, C., Vo, C., Hindle, P. Application of an integrated distance relay to a resistivity grounded 69 kV transmission system 89186
Donahue, J., Clark, D., Cohen, S., Fitzgerald, D., Frankle, S., Hutson, R., Macek, R., Mackerrow, E., Van Dyck, O., Wilkinson, C., Bryant, H., Gulley, M., Halke, M., Keating, P., Miller, W. Measurement of H^0 excited states produced by foil stripping of 800-MeV H^- ions 66950
Donahue, J.A., Jovanovic, M.M. The LCC inverter as a cold cathode fluorescent lamp driver 69198
Donahue, J.B. *see* MacKerrow, E.P. 98462
Donahue, R.S. *see* Boulais, W. 92576
Donald, D.K. *see* Hong Lin 72766
Donald, M., Helm, R., Irwin, J., Moshammer, H., Forest, E., Robin, D., Zholents, A., Sullivan, M. Localized chromaticity correction of low-beta insertions in storage rings 66879
Donaldson, G.B. *see* Cochran, A. 82385
Donaldson, P.E.K. Franklin's 'jack' 68509
Donaldson, R.W., Beasley, A.S. Wireless CATV network access for personal communications using simulcasting 75338
Donaldson, R.W., Beasley, A.S. Wireless personal communications using CATV distribution networks 97081
Donaldson, R.W. *see* Chan, M.H.L. 68049
Donaldson, R.W. *see* Leung, V.C.M. 96598
Donath, J.S. Casual collaboration [visual interface] 58240
Donath, X. *see* Abela, R. 76400
Donati, A. *see* Dusi, W. 88041
Donati, G. *see* Garre, R. 94004
Donati, S. *see* Annovazzi-Lodi, V. 72863
Doncker, R.De *see* De Doncker, R.
Doncker, R.W.De *see* De Doncker, R.W.
Donckers, M.C. *see* Lausen, H. 86024
Donckers, M.C. *see* Mohlmann, G.R. 82880
Donckers, M.C.J.M. *see* Silence, S.M. 50439
Donders, P. *see* Sayer, M. 93810
Dondoe, S. *see* Donoghue, P. 90612
Donetsky, D.V. *see* Vorobjev, L.E. 63749
Donevsky, B. *see* Dimitrov, V. 48735
Dong, B.Z. *see* Bai, J.Z. 53324
Dong, F. *see* Graf, M.J. 63293
Dong, G.S. *see* Li, Z.S. 62496
Dong, J. *see* Chang, C.Y. 93172
Dong, L., Boyer, A.L. An objective method for evaluating electronic portal imaging devices 67520
Dong, L., Kaye, A.R., Mahmoud, S.A. Transmission of compressed voice over integrated services frame relay networks: priority service and adaptive buildout delay 85855
Dong, L., Pinkstone, J., Russell, P.S.J., Payne, D.N. Ultraviolet absorption in modified chemical vapor deposition preforms 94108
Dong, L. *see* Kazansky, P.G. 56348
Dong, L. *see* Kazansky, P.G. 72347
Dong, L. *see* Richardson, D.J. 75505
Dong, X.S. *see* Bai, J.Z. 53324
Dong, Y., Chen, T., Sheppard, L. An algorithm for 3D scene description in an unknown environment 57921
Dong, Y., Kubo, H., Hano, M., Awai, I. A waveguide bandpass filter made of high-permittivity ceramics 80579
Dong, Y., Pota, H.R. First swing stability by solving simultaneous differential and algebraic equations without system reduction 53662
Dong, Z. *see* Li, H. 95842
Dong Bizhen *see* Bizhen Dong
Dong Chan Moon *see* Sang Bae Yi 70495
Dong Chen *see* Argyros, I.K. 54792
Dong Chen *see* Argyros, I.K. 69855
Dong Chen *see* Carrigan, R.A., Jr. 59039
Dong Chen-Koung *see* Chen-Koung Dong
Dong Cho Jun *see* Jun Dong Cho
Dong Chul Park *see* Dong Jim Yeom 76183
Dong Chul Park *see* Seog Tae Han 70889
Dong Do Lee, Yeong Jee Chung, Jae Kyoung Lee, Keum Chan Whang The analysis of SAW IDT characteristics using quasi-static approximation 93864
Dong Gahng Hae *see* Hae Dong Gahng
Dong Geun Jeong, Chong-Ho Choi, Wha Sook Jeon Adaptive bandwidth waste rate: a fair bandwidth sharing scheme for the DQ protocol with multiple priority classes 74711
Dong Geun Jeong *see* Wha Sook Jeon 65027
Dong Geun Jeong *see* Jeong Dong Geun
Dong Guojie *see* Ling Xieting 61790
Dong Gyu Jeong, Soo Young Lee Modified multilayer bidirectional associative memory with high performance 70481
Dong Haozhe *see* Haozhe Dong
Dong Ho Cho *see* Byung Goo Kong 73793
Dong Ho Won *see* Hyung Kyu Yang 83939
Dong Hwa Chung Speed sensorless vector control for high performance of induction motor 89927
Dong Hwan Kim *see* Hong Chu 82910
Dong Hyun Kim, Rea-Hong Park Analysis of quantization error in stereo vision 74398
Dong Il Seo *see* Seung-Moon Yoo 70533
Dong Jim Yeom, Ho-Seok Oh, Dong Chul Park, Sang Won Yun Complex permittivity and linewidth measurements of microwave ferrites using the cavity perturbation method 76183
Dong Jingxing *see* Ye Zhenhuan 73047
Dong Jun *see* Zhang Wenxiu 100804
Dong Kyu Sim, Young Kug Ham, Rae-Hong Park Recognition of cursive Korean characters using DP matching and fuzzy theory 74394
Dong Lee Ki *see* Ki Dong Lee
Dong Li Huai *see* Huai Dong Li
Dong Liu Zi *see* Zi Dong Liu
Dong Lu *see* Lin Jiang 71172
Dong Luong *see* Bachmann, C.M. 57858
Dong Min Woo A study on the camera calibration using lens distortion model 95995
Dong Pil Kim *see* Ki Hyun Yoon 91644
Dong Ryul Ryu, Sang Don Lee, Jong Tae Park, Bong Ryul Kim Hot-carrier induced GIDL characteristics of PMOSFETs under DC and dynamic stress 81900
Dong Ryul Ryu *see* Woo Pyo Jeong 81864
Dong Ryul Ryu *see* Woo Pyo Jeong 93390
Dong Shen Xu *see* Shen Xu Dong
Dong Shiming *see* Shiming Dong
Dong Su Seong, Kyu Ho Park A branch-and-bound algorithm for optimal isomorphism between hierarchical attributed graphs 64574
Dong Su Seong *see* Seong Dong Su
Dong Tianlin *see* Ren Xingen 63756
Dong Tianlin *see* Ren Xingen 94520
Dong Wei Wei *see* Wei Wei Dong
Dong Won Shin *see* Kwang Ho Kim 81245
Dong Woo Cho *see* Jong Hwan Lim 97464
Dong Wook Kang, Su Won Kang, Choong Woong Lee Entropy reduction of symbols by source splitting and its application to video coding 95797
Dong Wook Kim Divided generation algorithm of universal test set for digital CMOS VLSI 91968
Dong Wook Kim *see* Jeong Hwan Son 71610
Dong Wu, Jianjic Liu The application of a GTO inverter in a 600 kV high voltage test system 100250
Dong Xiang, Neng Wan, Daozheng Wei Fault effect observability and assignment compatibility for hierarchical testability analyses 80048
Dong Xiang *see* Xiang Dong
Dong Xiao *see* Xiao Dong
Dong Xie *see* Xie Dong
Dong Yang Xue *see* Xue Dong Yang
Dong Yong Kim *see* Seok Woo Choi 74049
Dong Youmei, Wang Guoliang, Dai Peiying, Li Weiqiang Isothermic annealing characteristic properties of NTD silicon electronic radiation defects 81802
Dong Yunhui Silicon beam lead Schottky barrier ring quads 61895
Dong Zhang *see* Zhang Dong
Dong Zhiwei *see* Du Xiangwan 83176
Dong-Chen He, Li Wang, Baulu, T., Morin, D. Integration of multispectral and textural analysis applied to SPOT imagery in urban areas 67774
Dong-Chen He *see* Demin Wang 95747
Dong-Choon Lee, Jun-Keun Ji, Seung-Ki Sul State feedback current regulation with a full-order observer for GTO inverter fed induction motor drives 90580
Dong-Choon Lee, Seung-Ki Sul, Min-Ho Park High performance current regulator for a field-oriented controlled induction motor drive 90533
Dong-Choon Lee *see* Jun-Keun Ji 100857
Dong-Chul Park *see* Jong-Min Park 83877
Dong-Guo Xu *see* Min Liang 85089
Dong-Gyu Kang *see* Minsoo Hahn 73905
Dong-Hai Yang, Yi-Qiu Wang Long-term operation and frequency stability of an optically pumped cesium beam frequency standard with sharp-angle incidence of probing laser beam 58620
Dong-Ho Cho *see* Ill-Woo Lee 86154
Dong-Hong Sun *see* Chaochin Su 62487
Dong-Hoon Jang, Ji Beom Yoo, Katsumi Kishino, Yawara Kaneko The 607nm GaInP/AlInP distributed Bragg reflector visible laser grown by gas source molecular beam epitaxy 94473
Dong-Hun Kim *see* Gwan-Soo Park 82306
Dong-il Cho *see* Majors, M. 69166
Dong-Il Kim, Jin-Won Lee Commutation of permanent magnet AC servo motors with incremental encoders via fuzzy reasoning 78565
Dong-Il Song *see* Ki-Bum Kim 86658
Dong-Il Song *see* Myeong-Hwan Lee 66024
Dong-In Kim Multiple-capture performance of a common code DS/SSMA packet radio system 86060
Dong-Jun Ahn *see* Hung-Eil Kim 71460
Dong-Jun Ahn *see* Young-Mog Ham 71477
Dong-Jun Ahn *see* Young-Mog Ham 82085
Dong-Jye Shyy, Chin-Tau Lea Rearrangeable nonblocking Log_{2d} (N, m, p) networks 57951
Dong-Jye Shyy *see* Ivancic, W.D. 86250
Dong-Keun Kim, Byung-Teak Lee Prevention of substrate melt-back by Se addition during liquid phase epitaxial growth of GaAs on GaAs-coated Si 70051
Dong-Keun Kim *see* Seong-Joo Jang 69951
Dong-Kook Park, Jung-Woong Ra Decoupled planar dipoles for subsurface CW interface radar 58488
Dong-Kui Li *see* Li Dong-Kui

Dong-Lai Liu, Waag, R.C. Correction of ultrasonic wavefront distortion using backpropagation and a reference waveform method for time-shift compensation 88389
Dong-o Jeon, Gordon, M.M. Coupling effects at the $\nu_z=3/4$ resonance in a three-sector superconducting cyclotron 98417
Dong-qi Zhu *see* Jun Hu 90552
Dong-Seog Han, Hwang-Soo Lee, Young-Kil Kwang, Sung-Cheol Park Systolic arrays for CFAR detectors based on order statistics 75645
Dong-Seok Hyun *see* Ho-Seok Lee 100826
Dong-Seok Hyun *see* Young-Seek Kim 100249
Dong-Seok Hyun *see* Young-Seok Kim 80133
Dong-Seok Hyun *see* Young-Seok Kim 100328
Dong-Seok Jeong *see* Byeong-Soo Seo 74529
Dong-seok Jeong *see* Myeong-soo Oh 74543
Dong-Soo Jun *see* Do-Chan Choi 70532
Dong-Xue Wang, Ju-Wei Tai, Yan-Xin Zhang Two-dimensional optical wavelet transform in space domain and its performance analysis 84722
Dongare, A.S. *see* Thattey, S.S. 87573
Dongen, R.Van *see* Van Dongen, R.
Dongen, T.van *see* van Dongen, T.
Dongfeng Li, Wende Chen New lower bounds for binary covering codes 95111
Dongfeng Zhao *see* Zhao Dongfeng
Donggang Yu *see* Yu Donggang
Donghai Liu *see* Liu Donghai
Donghan Lee *see* Wysocki, P.F. 83030
Donghong Gu *see* Fuxi Gan 56309
Donghong Gu *see* Qiying Chen 63351
Donghong Gu *see* Qiying Chen 72286
Donghong Gu *see* Gu Donghong
Donghua Zhou *see* Zhou Donghua
Donghuan Zhao *see* Zhao Donghuan
Donghui Huang *see* Huang Donghui
Dongjin Lee, Palusinski, O.A. Adaptation of "SPICE3" to simulation of lossy multiple-coupled transmission lines 80027
Dongliang Lin *see* Lin Dongliang
Dongliang Xu *see* Xu Dongliang
Donglin Zu, Jia-Erh Chen Study on TESLA cavity shape 67153
DongMei Shu *see* Shu DongMei
Dongmei Yu *see* Yu Dongmei
Dongqi Zhu *see* Jun Hu 100846
Dongru Zhou *see* Zhou Dongru
Dongsheng Li *see* Jiubin Tan 98297
Dongwook Suh, Fossum, J.G. The effect of body resistance on the breakdown characteristics of SOI MOSFET's 62797
Dongwook Suh, Fossum, J.G. The effect of intrinsic body resistance on the breakdown characteristics of DBTS NFD SOI MOSFET's 93456
Dongxia Zhang *see* Zhang Dongxia
Dongxing Jiang *see* Jiang Dongxing
Dongyan Hou *see* Hou Dongyan
Dongyan Zhou, Slobodan Cuk Cross-regulation improvement at light loads by use of the coupled inductors 100376
Dongyeon Won *see* Soonchil Lee 82511
Dongyuan Duan *see* Duan Dongyuan
Dongyun Lee *see* Yongman Lee 66062
Donii, A.N. *see* Byalik, O.M. 76239
Donii, A.N. *see* Byalik, O.M. 98334
Donion, J.F. *see* Motto, E.R. 69065
Donk, A.G.H.van der *see* van der Donk, A.G.H.
Donker, A.J.M. *see* Olthof, C.G. 98884
Donko, Z. *see* Peard, K.A. 72681
Donko, Z. *see* Peard, K.A. 82926
Donlagic, D. *see* Cucej, Z. 64815
Donlagic, D. *see* Filip, P. 64817
Donlagic, D. *see* Matko, V. 66198
Donlagic, D. *see* Matko, V. 66773
Donlagic, D. *see* Matko, V. 75966
Donlagic, D. *see* Mohorko, J. 64816
Donlagic, D. *see* Planinsic, P. 64818
Donming Zhao *see* Dougherty, E.R. 64635
Donn, I. Smart cards in GSM 75279
Donnay, E. *see* Ruddick, K.G. 53545
Donnay, S., Swings, K., Gielen, G., Sansen, W., Kruiskamp, W., Leenaerts, D. A methodology for analog design automation in mixed-signal ASICs 49571
Donnell, A.J. *see* Bailey, S.R. 48607
Donnellan, B. *see* Burke, K. 62976
Donnellan, B. *see* Byrne, E. 49091
Donnellan, B. *see* Power, J.A. 82069
Donnelly, J.P. *see* Lau, S.D. 72413
Donnelly, K. *see* Lee, T.H. 92231
Donnelly, K.E. *see* Walsh, M.I. 59424
Donnelly, M.K. *see* Trudnowski, D.J. 59850
Donnelly, P.J. *see* Schnure, W.K. 51989
Donnelly, T. *see* Darragh, N.R. 50307
Donnelly, T.D., Glover, T.E., Lipman, E.A., Sullivan, A., Falcone, R.W., Da Silva, L., Morwka, S. Generation and characterization of recombination pumped X-ray laser plasmas 72705
Donnelly, T.D. *see* Eder, D.C. 63677
Donnelly, V.M. *see* Cheng, C.C. 93162
Donnelly, W. *see* O'Connell, S. 96501
Donoghue, B.J. *see* Murgatroyd, P.N. 94718
Donoghue, P., Larson, G.L., Dondoc, S. Extending technology to drive by wire control 90612
Donoho, D.L. *see* Bruce, A.G. 57588
Donohoe, J.P., Tabet, S.N., Taylor, C.D. Two wire rhombic illuminator performance as predicted by theoretical and numerical models 51208
Donohoe, J.P. *see* Follett, R.F. 58505
Donohoe, J.P. *see* Skinner, B.J. 58448
Donohoe, J.P. *see* Skinner, B.J. 75543
Donohoe, J.P. *see* Skinner, B.J. 84386
Donohue, B.F., Larson, R.I., Pei, J., Watson, J. Heat sink enhancement with micro heat pipes 79395
Donohue, F.J. *see* Geller, D. 78454
Donohue, J., Novak, I. Multiple-driver glitch in digital busses 96686
Donohue, P.C., Page, J.P., Thiele, E.S., Hu, Y.H., Saltzberg, M.A., Gallo, S.A. System 901: low K, copper MCM-C packaging 91056
Donohue, P.P. *see* Lettington, A.H. 66450
Donohue, T.P. *see* Liebmann, L.W. 81587
Donohue-Perry, M.M., Task, H.L., Dixon, S.A. Visual acuity vs. field of view and light level for night vision goggles (NVGs) 67682
Donoso Garcia, P. *see* Castanheira, R.C. 100304
Donoso Garcia, P. *see* Castanheira, R.C. 100306
Donoval, D. *see* Hromcova, J. 70943
Donovan, K.G., Hopper, G.S. MCMs—a thermal overview 79372
Donovan, K.J. *see* Scott, K. 49729
Donovan, R.P. *see* Periasamy, R. 60939
Donovan, R.P. *see* Periasamy, R. 60942
Donovan, R.P. *see* Periasamy, R. 69529
Donovan, T.E. *see* Kadakia, S.D. 79318
Donovan, T.J. Accelerated environmental stress screening & reliability growth testing of the B-52 infrared camera 59488
Donskoy, D.M. High efficiency, reliable low frequency sound source for acoustical oceanography 77551
Donskych, L.A. *see* Belolaptikov, I.A. 59156
Donszelmann, M. *see* Adye, T.J. 98508
Donti, R.P. *see* Friebele, E.J. 98032
Dontsova, E.S. *see* Nikulin, A.D. 82326
Dontsova, V.V., Klevtsov, Yu.A., Koronkevich, V.P., Poleshchuk, A.G. Microlenses with a diffractive corrector for disk memory 56302
Dony, R.D., Haykin, S. Optimally integrated adaptive learning 74509
Doo Joh Sung *see* Sung Doo Joh
Doo Kim Ki *see* Ki Doo Kim
Doo Sik Shin, Jae Eung Oh, Seong Ryong Yoo, Jin Seog Choi, Su Hyon Paek, Sang In Lee, Jeong Ku Lee, Jong Gil Lee Thermal stability of TiN/Ti barrier metals with Al overlayers and Si substrates modified under different annealing histories 81566
Doo Soo lee *see* Eung Goo Lee 98930
Doo Wang Young *see* Young Doo Wang
Doo-hyun Choi, Se-Young Oh, Hea-Dong Chang, Kwang-Ick Kim Nonlinear camera calibration using neural networks 76060
Doo-Il Choi, Sang-Hui Park Self-creating and organizing neural networks 73667
Doo-Kwon Baik *see* Suk-Hee Wang 85417
Doody, B.C. *see* Lula, J.J. 76087
Dooi, Y. *see* Ishii, K. 80688
Dooley, J.F., St. Clair, D.C., Bond, W.E. Computing χ^2 values 48764
Dooley, K.J. *see* Stevenson, S. 69519
Dooley, L.S. *see* Schmidt, G. 86734
Dooling, D. Aerospace and military 53487
Dooling, D. Transportation 54231
Dooling, D. L+25: a quarter century after the Apollo landing 77100
Dooling, J. *see* Den Hartog, P. 76300
Doolittle, A. *see* Rohatgi, A. 81202
Doolittle, L.R. *see* Dylla, H.F. 67053
Doong, D.W., Huizhu Lu, Hedrick, G.E. An interleaving technique for block coding of black-and-white facsimile data 96583
Doormann, V. *see* David, B.R. 56281
Doorn, A.J.Van *see* Van Doorn, A.J.
Doose, C. *see* Kim, S.H. 76571
Doose, C. *see* Kim, S.H. 76667
Doose, C. *see* Kim, S.H. 76668
Doose, C.L. *see* Kim, K. 76666
Doose, C.L. *see* Kim, S.H. 76348
Doose, C.L. *see* Kim, S.H. 76349
Dooyeong Park, Perros, H.G., Yamashita, H. Approximate analysis of discrete-time tandem queueing networks with bursty and correlated input traffic and customer loss 69679
Doradla, S.N. *see* Deshpande, V.V. 68797
Doradia, S.R. *see* Raju, G.S.N. 61540
Doraiswami, R. *see* Liu, W. 73946
Doraiswami, R. *see* Lui, W. 84517
Doran, N.J. All-optical control and future opportunities for ultra high speed transmission on optical fibres 82564
Doran, N.J. *see* Forysiak, W. 83318
Doran, N.J. *see* Smith, N.J. 65785
Doran, N.J. *see* Smith, N.J. 65833
Doran, N.J. *see* Williams, J.A.R. 63381
Doran, S.J., Carpenter, T.A., Hall, L.D. Noninvasive measurement of temperature distributions with high spatial resolution using quantitative imaging of NMR relaxation times 76235
D'Orazio, A., De Sario, M., Petruzzelli, V., Prudenzano, F. Leaky mode propagation in planar multilayer birefringent waveguides: longitudinal dielectric tensor configuration 51174
D'Orazio, A. *see* Camarda, P. 52483
D'Orazio, F., Giammaria, F., Lucari, F. Multiple reflection phenomena in magneto-optical studies of thick samples 63190
Dorband, J.E. *see* Aburdene, M.F. 54768
Dorbecker, M. *see* Antweiler, C. 95461
Dordea, T. Two-axis theory of electric machines with zonally distributed windings 54007
Dordick, H. *see* LaRose, R. 96525
Dordrecht, A.van *see* van Dordrecht, A.
Dore, A. *see* Jacob, D. 56837
Dore, B., Taylor, J.R. New developments on automation of sneak analysis 54463
Dore, D. *see* Larochelle, Y. 87990
Dore, J. *see* Gratia, G. 98742
Dore, U. *see* Buontempo, S. 53296
Dore, U. *see* Buontempo, S. 98502
Dorel, F. *see* Perkins, G.W. 86688
Dorel, M. *see* Brylinski, C. 70893
Dorenbos, P., de Haas, J.T.M., van Eijk, C.W.E., Melcher, C.L., Schweitzer, J.S. Non-linear response in the scintillation yield of $Lu_2SiO_5:Ce^{3+}$ 98635
Dorenbos, P., de Haas, J.T.M., Visser, R., van Eijk, C.W.E., Hollander, R.W. Absolute light yield measurements on BaF_2 crystals and the quantum efficiency of several photomultiplier tubes 59079
Dorenbos, P. *see* van Eijk, C.W.E. 88043
Dorenbos, P. *see* van Eijk, C.W.E. 98627
Doreswamy, C.V. *see* Ford, G.A., II 88707
Dorey, A.P. *see* Bratt, A.H. 92234
Dorey, A.P. *see* Walters, R.M. 55079
Dorey, F. Direct conversion SSB receiver 86681
Dorey, R., Hnyk, R. UK learning on the information superhighway 85651
Dorfan, D. *see* Unno, Y. 98558
Dorfan, D.E. *see* Barberis, E. 67376
Dorfan, D.E. *see* Cartiglia, N. 71769
Dorfan, J.M. *see* Barletta, W. 76338
Dorffner, G., Porenta, G. On using feedforward neural networks for clinical diagnostic tasks 98865
Dorfler, J. *see* Loh, R. 67707
Dorfmeister, K., Steiner, R. Heat coupling by a hydroelectric power station 89551
Dori, L. *see* Buchanan, D.A. 93062
Dorighi, N.S., Ellis, S.R., Grunwald, A.J. Perspective format for a primary flight display (ADI) and its effect on pilot spatial awareness 99073
Dorikens, M. *see* Segers, D. 87939
Dorikens-Vanpraet, L. *see* Segers, D. 87939
Doring, H. Modern high power electron tubes 81148
Doring, K.-H. *see* Hessenmuller, H. 86797
Doring, K.-H. *see* Hessenmuller, H. 97634
Doring, W. *see* Gabler, A.R. 67416
Doring, W.H., Hirsch, H.-G. Speech intelligibility improvement for people with cochlear implants 98958
Dorius, L.K. *see* Chhabra, D.S. 72144
Dorken, E., Nawab, S.H. Time-frequency analysis of non-stationary harmonic sounds 84261
Dorken, E. *see* Nawab, S.H. 84324
Dorko, M. *see* Bailey, M. 77775
Dorman, D., Scott, C. Broadband networks and multimedia communications 51940
Dormann, J.L. *see* Cherkaoui, R. 71928
Dormann, J.L. *see* Godinho, M. 63191
Dormans, G.J.M. *see* Larsen, P.K. 82146
Dormicchi, O., Laurenti, A., Marin, M., Patrone, S., Penco, R. Manufacturing development for the SC MHD magnet prototype 82486
Dormido, S. *see* de Prada, C. 53897
Dorn, R. *see* Kokelj, P. 90080
Dorn, S. *see* Reyes, A.C. 80869
Dorna, N.J. *see* Knox, F.M. 65806
Dorodnitsyn, V.A. Finite difference models entirely inheriting continuous symmetry of original differential equations 79723
Dorofbichik, A.N., Stoyakov, V.P., Khisametdinov, A.I., Kuzmitskii, P.P., Zabello, E.P. Automated power-consumption monitoring and control system in the Grodno power system 99595
Dorofeev, A.M. *see* Bondarenko, V.P. 69982
Dorofeev, E.V. *see* Godovski, D.Yu. 66541
Dorofeyev, V.E. *see* Voinov, V.G. 64549
Dorogova, Yu.G. *see* Alifertsev, O.N. 79897
Dorogush, G.I., Tukhtarow, A.G. DC tractional motors 69158
Doron, E. *see* Doron, M.A. 95371
Doron, E. *see* Doron, M.A. 95372
Doron, E. *see* Doron, M.A. 95373
Doron, M.A., Doron, E. Wavefield modeling and array processing .I. Spatial sampling 95371
Doron, M.A., Doron, E. Wavefield modeling and array processing .II. Algorithms 95372
Doron, M.A., Doron, E. Wavefield modeling and array processing. III. Resolution capacity 95373
Doronin, M.S. *see* Aminov, R.Z. 89689
Doroshenko, A.A. *see* Belolaptikov, I.A. 59156
Doroshenko, A.S., Ivanov, A.N., Supriyanovich, V.F., Rybin, V.V. Using a low-energy ion source for assistance when depositing optical coatings 72545
Doroshenko, V.S. *see* Dorozhkin, L.M. 77734
Doroshevkaya, N.A. *see* Kritskii, V.G. 89479
Doroshina, N.V. *see* Volkov, S.S. 53141

Doroski, D., Perlmutter, S.H., Moddel, G. Alignment layers for improved surface-stabilized ferroelectric liquid-crystal devices 56443
Doroski, D. *see* Stockley, J.E. 56460
Doroslovacki, M., Fan, H. Wavelet-based adaptive filtering 84306
Doroslovacki, M. *see* Miao, K.X. 57541
Dorozhkin, L.M., Doroshenko, V.S., Ketsko, V.A., Kuznetsov, N.T., Maslov, K. A thin-film focusing transducer for acoustic microscopy 77734
Dorr, D.S., Folts, D.C. UPS response to power disturbances—a proposed method for determination of UPS response to power disturbances 68816
Dorrell, D.G., Smith, A.C. Calculation of UMP in induction motors with series or parallel winding connections 78854
Dorrell, P.R., Denbigh, P.N. Spectrograms of overlapping speech based upon instantaneous frequency 95343
Dorrer, E. *see* Zhou, X. 57584
Dorrer, L. *see* Zakosarenko, V. 76167
Dorrestijn, E. *see* van Schaik, W. 72583
Dorri, B. *see* Trifon Laskaris, E. 94007
Dorri, M.Kh., Nozdrin, G.N., Khoze, B.S., Pylaev, A.M. Application of the Radius system of software tools based on a PC/AT personal computer for analyzing the dynamics of a steam generator at a nuclear power station with a VVER-1000 reactor 89480
Dorris, J.A. *see* Ranade, S.J. 78132
Dorsch, O. *see* Werner, M. 81345
Dorsch, W. *see* Hansson, P.O. 70023
Dorschel, B., Piesch, E. Effect of varying unattached fraction of radon daughters on the measurement of the equilibrium factor using nuclear etched track detectors 67656
Dorschner, H.W., Reuter, E. Visual remote diagnosis of internal room switchgear 60382
Dorschner, T.A. *see* McManamon, P.F. 65928
Dorsey, J. *see* Jiang, H. 77975
Dorsey, J.A., Davidson, J.H. Ozone production in electrostatic air cleaners with contaminated electrodes 57059
Dorsey, J.F. *see* Jiang, H. 89042
Dorsey, J.F. *see* Jiang, H. 99474
Dorsey, P.C., Bushnell, S.E., Seed, R.G., Vittoria, C. Magnetic and structural characteristics of pulsed laser deposited epitaxial $Y_3Fe_5O_{12}$ films 50240
Dorsey, P.C. *see* Seed, R.G. 55387
Dorsey, P.C. *see* Seed, R.G. 82386
D'Orsi, C.J. *see* Hong Liu 76959
D'Orsi, C.J. *see* Hong Liu 88433
Dorsinville, R. *see* Haglund, R.F., Jr. 72363
Dorsselaer, J.L.M.van *see* van Dorsselaer, J.L.M.
Dorssen, G.E.van *see* van Dorssen, G.E.
Dorst, L., Van den Boomgaard, R. Morphological signal processing and the slope transform 73984
Dort, M.J.van *see* van Dort, M.J.
Dorta, B.P., Alonso, J.I., Perez, F., Casao, J.A. 2.5 Gbit/s optical heterodyne receiver using MMICs 58384
Dorta, P. *see* Casao-Perez, J.A. 80831
Dorta, P. *see* Casao-Perez, J.A. 97244
Dortmans, L. *see* de Graaf, M. 72166
Dortolina, C. *see* Martinez, J. 69277
Dortwegt, R., Benaroya, R. Distributed nonevaporable getter pumps for the storage ring of the APS 87651
Dorundo, A. *see* Dom, B. 74356
Dorundo, A.D., Mandeville, J.R., Wu, F.Y. Reference-based automatic visual inspection of electronic packaging using a parallel image processing system 69596
Dorval, R. *see* Katz, A. 92542
Dos Reis, F.S., Sebastian, J., Uceda, J. Characterization of conducted noise generation for Sepic, Cuk and Boost converters working as power factor preregulators 90151
Dos Santos, J.C.A., Novak, S. Design method improves two-port noise performance 70888
dos Santos, J.C.Marques *see* Marques dos Santos, J.C.
dos Santos, J.M.F., Morgado, R.E., Tavora, L.M.N., Conde, C.A.N. The energy nonlinearity of a xenon gas proportional scintillation counter at the K-absorption edge in xenon 98543
Dos Santos, J.M.F. *see* Conde, C.A.N. 59105
dos Santos, M.P. *see* Li-Jian Meng 91597
Dosaka, K. *see* Yamazaki, A. 70551
Dosanjh, P. *see* Ma, Q.Y. 72203
Dosch, C. Inter-operability of digital HDTV satellite broadcasting (21.4-22 GHz) with the existing and future media infrastructure—status of the HD-SAT project 97658
Dosch, C.Von *see* Von Dosch, C.
Doscher, M. *see* Pauli, M. 100636
Doshchanov, K.M. Generalized model of the electrical conductivity of polycrystalline semiconductors 55529
Doshi, B.T. Social, individual, and greedy optimal controls (rate and window) in wide area high speed packet networks 85852
Doshi, B.T. Deterministic rule based traffic descriptors for broadband ISDN: worst case behavior and connection acceptance control 85883
Doshi, B.T. *see* Nanda, S. 97055
Doshi, J., Reneker, D.H. Electrospinning process and applications of electrospun fibers 64103
Dosho, S. *see* Sakiyama, S. 70706
Dosiere, F., Zein, T., Maral, G., Boutes, J.P. A model for the handover traffic in low Earth-orbiting (LEO) satellite networks for personal communications 75297
Doskolovich, L.L. *see* Soifer, V.A. 50560
Doskow, J. *see* Ross, M.A. 53283
Dosluoglu, T. *see* Kim, D.M. 63574
Doss, C.C. *see* Woods, K.S. 59276
Dossel, O. *see* David, B.R. 56281
Dossel, O. *see* Grundler, D. 82398
Dostal, Z. *see* Mokris, I. 75577
Dostalek, F.J. *see* Gunn, J.A. 100007
Dostanic, M.R., Milosavljevic, M.M. On generalized sampling expansions associated with Riesz bases on space $L^2(-\sigma,\sigma)$ 54756
Dostie, M. Convection heat and mass transfer in electric drying processes 100944
Dote, Y., Fujino, Y., Suyitno, A. Neuro fuzzy robust controllers for AC drive systems 100833
Dote, Y., Strefezza, M., Suyitno, A. Variable-structured robust control by fuzzy logic and stability analysis for AC drive system 100799
Dote, Y., Suyitno, A., Strefezza, M. Stability analysis for classes of nonlinear fuzzy motor control systems 78561
Dote, Y. *see* Strefezza, M. 100817
Dote, Y. *see* Suyitno, A. 78870
Doter, M.L. *see* Huertas, P. 81461
Dotsch, H. *see* Erdmann, A. 94138
Dotsenko, K.A. *see* Aver'yanov, S.G. 83342
Dotsenko, V.S. *see* Antonucci, M. 70800
Dotson, D.A. *see* Lee, M.D. 59493
Dotson, W.P. Effects of partitioning strategies on network reliability bounds 85216
D'Ottavi, A., Iannone, E., Mecozzi, A., Scotti, S., Spano, P., Landreau, J., Ougazzaden, A., Bouley, J.C. Investigation of carrier heating and spectral hole burning in semiconductor amplifiers by highly nondegenerate four-wave mixing 56849
Dotti, D. *see* Antonelli, G. 66134
Dottling, R., Rudzick, O., Scholl, E., Straw, A., Vickers, A.J., Balkan, N., Da Cunha, A. Self-generated nonlinear oscillations in multilayer semiconductor heterostructures 62276
Dottling, R. *see* Scholl, E. 62640
Doty, F.P. *see* Butler, J.F. 98816
Doty, J. *see* Gillies, D. 80501
Doty, J.D. A real-time implementation of the CCITT G.728 16000 BPS low-delay CELP voice coding algorithm on a TMS320C31 57414
Doty, R.E. *see* Lim, H.S. 68946
Dou, S.X., Liu, H.K., Guo, Y.C., Bhasale, R., Hu, Q.Y., Babic, E., Kusevic, I. Effect of silver on the processing and properties of Bi-2223/Ag tapes 63273
Dou, S.X., Liu, H.K., Hu, Q.Y., Czurda, C., Weber, H.W., Cassidy, S.M., Cohen, L.F., Caplin, A.D. Weak links and flux pinning in Ag/BiPbSrCaCuO tapes 63301
Dou, S.X. *see* Jiasen Zhang 83267
Dou, S.X. *see* Matthews, D.N. 82319
Dou, S.X. *see* Yingwu Lian 56860
Dou, S.X. *see* Zhao, Y. 56276
Dou, W.B., Shen, T., Sun, Z.L. Scattering of Gaussian beam by a ferrite cylinder 83695
Dou, W.B., Sun, Z.I. Comparison and selection of junction modes in waveguide circulators at millimeter wave U-, V-, E-bands 61873
Douay, M., Bernage, P., Niay, P., Delevaque, E., Leners, R., Bayon, J.F., Georges, T. Pump power and birefringence effects in Nd^{3+} and Pr^{3+} fiber lasers using intra-core Bragg reflectors 63727
Douay, M., Xie, W.X., Fertein, E., Bernage, P., Niay, P., Bayon, J.F., Georges, T. Behaviors of spectral transmissions of photorefractive filters written in germania-doped fibers: writing and erasing experiments 63391
Doubek, M. *see* Ubra, O. 78322
Doubek, S.E. *see* Chuang, S.L. 97204
Douchin, N., Bolioli, S., Christophe, F., Combes, P. Theoretical study of the evaporation duct effects on satellite-to-ship radio links near the horizon 73355
Doucin, B., Patin, Y., Lochard, J.P., Beaucour, J., Carriere, T., Isabelle, D., Buisson, J., Corbiere, T., Bion, T. Characterization of proton interactions in electronic components 71580
Dougal, B. Test early for electromagnetic compatibility 94853
Dougall, R.S. *see* Smith, R.R. 69240
Dougherty, D.J. *see* Kartner, F.X. 72331
Dougherty, E.R. Optimal mean-absolute-error filtering of gray-scale signals by the morphological hit-or-miss transform 74255
Dougherty, E.R. Optimal granulometric-induced filters 85132
Dougherty, E.R. Minimal representation of τ-openings via pattern bases 95650
Dougherty, E.R., Donming Zhao Case studies of morphological top-hat optimization 64635
Dougherty, E.R., Handley, J.C. Maximum-likelihood estimation in the discrete random Boolean model 64629
Dougherty, E.R., Sinha, D. Computational mathematical morphology 73982
Dougherty, E.R. *see* Cuciurean-Zapan, C. 85104
Dougherty, E.R. *see* Handley, J.C. 64799
Dougherty, E.R. *see* Handley, J.C. 96571
Dougherty, E.R. *see* Kraus, E. 95644
Dougherty, E.R. *see* Sand, F. 85127
Dougherty, E.R. *see* Yidong Chen 84623
Dougherty, J.J., El-Sherief, H., Hohman, D.S. Use of the Global Positioning System for evaluating inertial measurement unit errors 59630
Dougherty, J.J., El-Sherief, H., Simon, D.J., Whitmer, G.A. A design approach for a GPS user segment for aerospace vehicles 59490
Dougherty, J.P. *see* Fiallo, H.H. 73461
Dougherty, R.L., Hyman, J.M. A divide-and-conquer algorithm for grid generation 48885
Doughty, C. *see* Amistoso, A.E. 53862
Doughty, D.C., Lemon, S., Bonneau, P. Asynchronous inputs and flip-flop metastability in the CLAS trigger at CEBAF 59187
Doughty, K. *see* Yordanov, B. 97846
Doughty, R.L. *see* Brethauer, D.M. 60168
Doughty, R.L. *see* Buschart, R.J. 60175
Doughty, R.L. *see* Cole, B.C. 60881
Douglas, A. *see* Khabbaz, B. 86221
Douglas, B.L., Hua Lee Motion compensation for improved sidescan sonar imaging 77333
Douglas, B.L., Lee, H. Synthetic-aperture sonar imaging with a multiple-element receiver array 86620
Douglas, B.L. *see* D'Errico, M.S. 87480
Douglas, D. *see* Bickley, M. 87693
Douglas, D. *see* Chao, Y. 67004
Douglas, D.R. Lattice design principles for a recirculated, high energy, SRF electron accelerator 67003
Douglas, D.R. *see* Schneider, W.J. 76709
Douglas, J. Solid futures in fuel cells 60429
Douglas, J. Smart thermostats for comfort and conservation 60623
Douglas, J. Buying and selling power in the age of competition 99472
Douglas, L. *see* Vadari, S. 53629
Douglas, L.D., Green, T.A., Kramer, R.A. New approaches to the AGC non-conforming load problem 77940
Douglas, P., Nagarajah, C.R., Thompson, W. Survey of methodologies for the real time non-contact inspection of internal defects within thick, high density components 54998
Douglas, R.J. *see* Morris, D. 58617
Douglas, S.C. A family of normalized LMS algorithms 57523
Douglas, S.C. Exact expectation analysis of the LMS adaptive filter for correlated Gaussian input data 84314
Douglas, S.C., Meng, T.H.-Y. Stochastic gradient adaptation under general error criteria 64483
Douglas, S.C., Meng, T.H.-Y. Normalized data nonlinearities for LMS adaptation 64484
Douglas, S.C. *see* Freire, N.L. 88740
Douglas, S.R. *see* Davies, W.G. 87677
Douglis, F. *see* Barbara, D. 96557
Douillard, C. *see* Berrou, C. 64309
Doukhan, J.C. *see* Cordier, P. 82599
Doukhan, P., Tsybakov, A.B. Nonparametric recursive estimation in nonlinear ARX-models 64514
Douligeris, C. *see* Kumar, L.N. 74963
Douligeris, C. *see* Kumar, L.N. 85834
Doumerc, J.P. *see* Delmas, C. 90358
Doumi, T.L., Gardiner, J.G. Use of base station antenna diversity for mobile speed estimation 97143
Dounis, A.I. *see* Manolakis, D.E. 97478
Douple, E.B. *see* Trembly, B.S. 88531
Douple, E.B. *see* Yeh, M.M. 88536
Dourish, P., Bellotti, V. Networked multimedia support for informal collaboration 51913
Dourish, P. *see* Gaver, W. 65275
Douseki, T. *see* Matsuya, Y. 50092
Dousse, B. *see* Rajaonah, J.-C. 95510
Doussiere, P. *see* Gabriagues, J.M. 97301
Doutreloigne, J. *see* van Calster, A. 93427
Douville, J. *see* Cepek, M. 78064
Doval, B., Rodet, X. Fundamental frequency estimation and tracking using maximum likelihood harmonic matching and HMMs 74099
Dovbnya, A. *see* Androsov, V. 76390
Dovbnya, A. *see* Bar'yakhtar, V. 67407
Dovbnya, A.N. *see* Aizatskii, N.I. 87798
Dove, D. *see* Budd, R.A. 62569
Dove, D. *see* Martino, R. 71505
Dove, D. *see* Spratt, M. 85701
Dove, D.B. *see* Budd, R.A. 71501
Dove, D.B. *see* Chieu, T.C. 71471
Dove, D.B. *see* Ferguson, R.A. 62566
Dove, R., Fright, R., Martin, C., Price, B., Scally, K., Tremewan, R. Tracking jaw movement 98752
Doveil, F. *see* Chezeaux, J.C. 71050
Doverspike, K. *see* Binari, S.C. 55891
Doverspike, K. *see* Binari, S.C. 80661
Doverspike, K. *see* Freitas, J.A., Jr. 71083
Doverspike, R., Wilson, B. Comparison of capacity efficiency of DCS network restoration routing techniques 85352
Doverspike, R.D. *see* Sen, S. 96275
Dovgalenko, G.E., Salamo, G.J., Loutchkiha, I.I. Vector tensor algorithm for optimization of

hologram images in photorefractive gyroanisotropic media 56965
Dovgun, V.P., Mikhailov, A.O., Perfil'ev, Yu.S. Formation of equations for digital circuits in a full coordinate basis 70340
Dow, G.S. *see* Aust, M.V. 80828
Dow, G.S. *see* Aust, M.V. 92589
Dow, G.S. *see* Huei Wang 49668
Dow, G.S. *see* Kasody, R.E. 80756
Dow, G.S. *see* Lo, D.C.W. 66312
Dow, G.S. *see* Lo, D.C.W. 80832
Dow, G.S. *see* Lo, D.C.W. 83870
Dow, G.S. *see* Lo, D.C.W. 92592
Dow, G.S. *see* Wang, H. 80766
Dow, G.S. *see* Wang, H. 92543
Dow, G.S. *see* Wang, H. 92614
Dow, K. *see* Averill, R. 76689
Dow, K. *see* Flanz, J.B. 76342
Dow, K. *see* Mandeville, J.B. 76855
Dow, K.A. *see* Farkhondeh, M. 76711
Dow, K.A. *see* Farkhondeh, M. 76712
Dow, K.A. *see* Farkhondeh, M. 76713
Dow, R.J.F., Sietsma, J. Using neural networks for underwater target ranging 64533
Dow, S. *see* Kobayashi, K.W. 80700
Dow, S. *see* Kobayashi, K.W. 92588
Dow, S. *see* Minot, K. 86298
Dow, S. *see* Minot, K. 97171
Dow, S.J. A capabilities assessment of forced convective-dominant reflow systems for advanced SMT processing 81077
Dow, S.J. A capabilities assessment of forced convective-dominant reflow systems for advanced SMT processing 92808
Dow, T. *see* Adesida, I. 81464
Dow-Chih Niu, Houshmand, B., Itoh, T. Analysis of complex waveguide structure using the finite-difference time-domain method 94917
Dowd, M.K. *see* Gonin, I.M. 52994
Dowd, P.W., Chu, J. Photonic architectures for distributed shared memory multiprocessors 50625
Dowd, P.W., Sivalingam, K.M. A multi-level WDM access protocol for an optically interconnected parallel computer 65319
Dowd, P.W. *see* Aly, K.A. 50637
Dowd, P.W. *see* Aly, K.A. 65318
Dowden, J. *see* Ducharme, R. 83404
Dowden, P.E. *see* Dowden, R.L. 64145
Dowden, R.L., Adams, C.D.D., Brundell, J.B., Dowden, P.E. Rapid onset, rapid decay (RORD), phase and amplitude perturbations of VLF subionospheric transmissions 64145
Doweidar, H., El-Damrawi, G.M., Moustafa, Y.M. Transport properties of semiconducting Fe_2O_3-PbO-B_2O_3 glasses 92967
Dowell, D., Davis, K., Friddell, K., Tyson, E., Lancaster, C., Milliman, L., Rodenburg, R., Aas, T., Bemes, M., Bethel, S., Johnson, P., Murphy, K., Whelen, C., Adamski, J., Pistoresi, D., Shoffstall, D., Busch, G., Remelius, D. First operation of a high duty factor photoinjector 76384
Dowell, F.E. Neural network parameter effects on object classification and wavelength selection 84624
Dowell, J. *see* Da Via, C. 53348
Dowker, S.E.P. *see* Elliott, J.C. 67483
Dowla, F.U. *see* Anant, K.S. 57596
Dowling, E.M., Ammann, L.P., DeGroat, R.D. A TQR-iteration based adaptive SVD for real time angle and frequency tracking 57553
Dowling, E.M., DeGroat, R.D. A spherical subspace based adaptive filter 84310
Dowling, E.M., DeGroat, R.D., Linebarger, D.A. Exponential parameter estimation an the presence of known components and noise 73277
Dowling, E.M., MacFarlane, D.L. Lightwave lattice filters for optically multiplexed communication systems 52568
Dowling, E.M. *see* Linebarger, D.A. 74199
Dowling, E.M. *see* Linebarger, D.A. 84533
Dowling, K., Bennett, R., Blackwell, M., Graham, T., Gatrall, S., O'Toole, R., Schempf, H. A mobile robot system for ground servicing operations on the space shuttle 53488
Dowling, M., Singh, S. The developing electronic messaging market in the United States: market overview and analysis of key competitors 58038
Dowling, M.J. Application of non-stationary analysis to machinery monitoring 69556
Dowling, R.E.P., Turner, L.F. Modelling the detectability of changes in auditory signals 76872
Dowling, S. Comparative effect of gamma total dose on surface mount and non surface mount bipolar transistors 71596
Dowling, S. *see* West, R.H. 72364
Down, D.A. *see* Bishop, M.T. 78104
Down, D.A. *see* Kischefsky, J.A. 78107
Downar, H., Peterreins, T., Scherber, W., Ziemann, P. New superconducting three-terminal device based on externally controlled critical currents 56272
Downer, H. *see* Johnston, R. 83846
Downer, M.C. *see* Siders, C.W. 73112
Downes, C.G., Hill, S.L., Gray, J.O. Distributed control of an electrically powered hip orthosis 59413
Downes, S.W. *see* Lister, J.M.D. 63668
Downey, E. *see* Brown, D.M. 49826
Downie, J.D. Reduced classification error probability with ternary correlation filters 51568
Downie, J.D. Design of ternary correlation filters to reduce probability of error 72540
Downie, J.D., Walkup, J.F. Optimal correlation filters for images with signal-dependent noise 57745
Downing, R.G. *see* Chen, H. 59026
Downton, A.C., Tregidgo, R.W.S., Cuhadar, A. Top-down structured parallelisation of embedded image and vision applications 64756
Downton, A.C. *see* Chowdhury, M.F. 74487
Downward, J.G. *see* Lysogorski, C.D. 56977
Doyeux, H. *see* Deschamps, J. 58932
Doyle, A.J.R. The eye as a velocity transducer, an independent information channel? 67698
Doyle, B. *see* Soleimani, H.R. 62492
Doyle, B.L. *see* Wampler, W.R. 98527
Doyle, B.R. *see* van Vonno, N. 70460
Doyle, B.S. *see* Mistry, L.R. 63015
Doyle, B.S. *see* Mistry, R.R. 62773
Doyle, B.S. *see* Su, L.T. 93376
Doyle, D.C., Cochrane, D.S. Service/resource discovery and allocation 96510
Doyle, D.J. A low cost alternative to reinforcing PTFE based printed circuit boards 92507
Doyle, J.J., Jr. *see* Giuglianotti, M. 77162
Doyle, J.J., Jr. *see* Wisler, K. 77163
Doyle, J.R. *see* Abelson, J.R. 79905
Doyle, J.R. *see* Nuruddin, A. 79882
Doyle, L., Braaten, A. Beyond personality—strategies for breaking through natural barriers and building effective teams 90824
Doyle, L., Elzey, J. Successful use of rate monotonic theory on a formidable real time system 59449
Doyle, N. *see* Toon, N. 61629
Doyle, P., Zheng-Xu He, Rodin, B. The asymptotic value of the circle-packing rigidity constants s_n 69737
Doyle, R.S., Harris, C.J. Multi-sensor data fusion for obstacle tracking using neuro-fuzzy estimation algorithms 88652
Doyle, S.A., Dugan, J.B. Fault trees and imperfect coverage: a combinatorial approach 54599
Doyle, S.E. Civil space systems: Creating confidence through cooperation 90752
Doyle, W.D., He, L., Flanders, P.J. Measurement of the switching speed limit in high coercivity magnetic media 50283
Doyle, W.D., Varga, L., He, L., Flanders, P.J. Reptation and viscosity in particulate recording media in the time-limited switching regime 63212
Doyle, W.D. *see* Yuwu Yu 63213
Doyon, B. *see* Mailhot, S. 56772
Dozet, M. General expression for Bessel polynomials coefficients 79525
Dozier, J. *see* Jiancheng Shi 67835
Dozier, J. *see* Jiancheng Shi 77523
Dozier, J. *see* Jiancheng Shi 77524
Dozono, Y. *see* Inoue, K. 82501
Dozono, Y. *see* Inoue, K. 94026
Draaisma, E. *see* Zieren, V. 50257
Draayer, B.F., Carhart, G.W., Giles, M.K. Optimum classification of correlation-plane data by Bayesian decision theory 57663
Draayer, B.F. *see* Carhart, G.W. 51676
Draber, S., Schultze, R. Detection of jumps in single-channel data containing subconductance levels 98896
Drachenfels, W.-G.von *see* von Drachenfels, W.-G.
Drachev, V.P. *see* Apolonsky, A.A. 56831
Drachman, B., Ross, J., Nyquist, D. Approximation of certain functions given by integrals with highly oscillatory integrands 94765
Dracos, M. *see* von Apeldoorn, G. 88116
Dragan, F.F. *see* Brandstadt, A. 61092
Dragan, G. Considerations upon operation and control of a power system 77905
Draganic, I. *see* Stanic, B.V. 94793
Draganov, V.M., Glashko, A.G. Equivalent circuits and matrices for the transmission of the length of coupled lines 51149
Drager, B.T. *see* Ferreira, C.A. 69068
Dragnea, B. *see* Alexandrescu, R. 83411
Drago, A. *see* Sapozhnikov, L. 98468
Drago, G., Girdinio, P., Molfino, P., Nervi, M., Orlando, R.A., Sabbi, G.L., Secondo, G., Fernandes, P. A gauged A, V-A-Ψ formulation without $A \cdot n = 0$ on conductor boundaries 83495
Dragulinescu, D. *see* Sandu, V. 79932
Draheim, D. *see* Beaver, R. 62350
Draheim, D. *see* Maung, S. 62353
Draheim, J.L. Modernization of telecommunications in Central Europe and the CIS — what happens next? 58022
Draidia, N. *see* Meddeb, J. 79940
Draine, B.T., Flatau, P.J. Discrete-dipole approximation for scattering calculations 51058
Drajic, D. *see* Bajic, D. 95046
Drake, A.E. Traceability for low level low frequency magnetic field measurements 58952
Drake, A.E. Traceable magnetic measurements 66654
Drake, D.F., Williams, D.B. Recovering dynamically independent coordinates for time-delay-embedded product systems 84228
Drake, J.M. *see* Barros, J. 78234
Drake, K., Abadir, M., Stark, S., Rhyne, T., Eskew, M., Lockwood, L., Salsburg, K., Harr, R., Concha, L. Application specific electronic modules (ASEM) CAD/CAE/CAM interface specification alliance 48677
Drake, K. *see* Abadir, M.S. 55485
Drake, K. *see* Sandborn, P.A. 79368
Drake, K.C., Kim, R.Y. Pixel-level object segmentation using moment invariants as characterization features 84590
Drake, K.C., Kim, R.Y., Kim, T.Y. Decision criterion processing methodology for heuristic assessment of classification models 84591
Drake, K.C., Kim, R.Y., Kim, T.Y., Johnson, O.D. Comparison of polynomial network and model-based target recognition 74555
Drakin, A.E. *see* Eliseev, P.G. 72794
Drakin, A.E. *see* Eliseev, P.G. 94470
Drakos, J.E. *see* Wilsun Xu 78062
Drallos, P.J. *see* Williamson, W., Jr. 87381
Dralyuk, B.N., Braun, A.E., Kontorovich, B.I., Tikotskii, A.E. Microprocessor control in automated electric drives of cold-rolling equipment 60636
Dramicanin, M.D. *see* Todorovic, D.M. 81250
Drampyan, R.Kh. Investigation of spatial and spectral characteristics of laser pulses in the presence of self-phase modulation in a Kerr medium 73104
Dranchak, D.W. *see* Deutsch, A. 92657
Drane, W.E., Abbott, F.D., Nicole, M.W., Mastin, S.T., Kuperus, J.H. Technology for FDG SPECT with a relatively inexpensive gamma camera: work in progress 98765
Drangova, M., Fenster, A. A laboratory CT scanner for dynamic imaging 67519
Dranishnikow, A.P. *see* Goltzow, Yu.I. 80880
Dransfeld, K. *see* Xu, J. 76237
Dransfeld, K. *see* Xu, J.B. 75910
Draou, A. *see* Sato, Y. 68868
Drapcho, C.L.A. *see* Wentz, M.L. 54414
Drapeau, A. *see* Keeton, K. 75760
Draper, B.L. *see* Zolper, J.C. 71727
Draper, C.F. *see* Hues, S.M. 56180
Draper, D. *see* Partovi, H. 92128
Draper, K.J. *see* Lukowski, T.I. 77244
Draper, R. *see* Chen, H. 59347
Draskiewicz, S. *see* Vigil, J. 71533
Dratzig, A.Schultz von *see* Schultz von Dratzig, A.
Dravid, N. *see* Kwa-Sur Tam 77185
Draving, S.D. *see* Long Yang 55171
Drayton, R.F., Katehi, L.P.B. Development of miniature microwave circuit components using micromachining techniques 80649
Dreadin, M. *see* Bellarmine, G.T. 89967
Drechsel, J. *see* Rudlaff, T. 50980
Drechsler, R. BiTeS: a BDD based test pattern generator for strong robust path delay faults 92011
Drechsler, R., Sarabi, A., Theobald, M., Becker, B., Perkowski, M.A. Efficient representation and manipulation of switching functions based on ordered Kronecker functional decision diagrams 91680
Drechsler, R., Theobald, M., Becker, B. Fast OFDD based minimization of fixed polarity Reed-Muller expressions 91684
Drechsler, R. *see* Becker, B. 49360
Drechsler, R. *see* Becker, B. 91755
Drees, R.M. *see* Aoki, S. 53304
Drefenstedt, R., Keller, J., Paul, W.J. Applications of PRAMs in telecommunications 85244
Dregia, S.A. *see* McCoy, M.A. 82636
Dreher, K. *see* Kreutz, R. 76649
Dreier, D. *see* Lage, C. 92197
Dreier, H.-J. Chipset for PALplus receivers 58563
Dreimann, E., Grafe, V., Hartung, K.-H. Protective device for the limitation of short-circuit currents 60388
Dreizler, A. *see* Williams, R.B. 98357
Dremuchev, S.A. *see* Avilov, K.V. 67756
Drennan, P.G., Smith, B.W. Extraction of process specific photolithography model parameters 81710
Drennan, P.G., Smith, B.W., Alexander, D. Technique for the measurement of the in-situ development rate 81709
Drenten, R. *see* Petruzzello, J. 72867
Drenten, R.R., Haberern, K.W., Gaines, J.M. Thermal characteristics of blue-green II-VI semiconductor lasers 83152
Drentje, A.G. Review of the Eleventh International Workshop on ECR ion sources 53147
Drerup, B.C., Swartzlander, E.E., Jr. Fast multiplier bit-product matrix reduction using bit-ordering and parity generation 70364
Drescher, A.C. *see* Sullivan, C.R. 69211
Drescher, G.H. *see* Sitzman, G.L. 67968
Dreschler-Fischer, L., Drewniok, C., Lange, H., Schroder, C. A knowledge-based approach to the detection and interpretation of changes in aerial images 77667
Dreschler-Fischer, L. *see* Drewniok, C. 67775
Dresig, F., Ditzinger, A. Evolution. Logic synthesis for complex PGA 61634
Dress, W.B., Kercel, S.W. Wavelet-based acoustic recognition of aircraft 57597
Dressler, H. *see* Gottschalk, G. 69147

Dressler, P. *see* Gauthier, C. 98713
Dreszer, P. *see* Chen, W.M. 71098
Dreteler, J. *see* Grasdijk, M. 96498
Dreute, J., Rocher, H., Heinrich, W., Harboe-Sorensen, R., Adams, L. Study of SEUs generated by high energy ions 70477
Dreute, J. *see* Metzger, S. 70476
Drevillon, B. *see* Shirai, H. 91579
Drevinsky, P.J. *see* Weinberg, I. 100754
Drew, D.A. *see* Park, J.-W. 89514
Drew, M. *see* Yanof, A. 81586
Drew, M.M. *see* Lee, B. 71036
Drew, M.S., Kontsevich, L.L. Closed-form attitude determination under spectrally varying illumination 84713
Drewer, H. *see* Kakerow, R. 66282
Drewer, H. *see* Meyer, H. 58862
Drewery, J., Cho, G., Hong, W.S., Lee, K.K., Kaplan, S.N., Mireshghi, A., Perez-Mendez, V., Tao, J., Wildermuth, D. Improvements to amorphous silicon radiation detectors by doping profile changes 59104
Drewery, J. *see* Jing, T. 88408
Drewery, J. *see* Kitsuno, Y. 55574
Drewery, J.S. *see* Cho, G. 59129
Drewery, J.S. *see* Mireshghi, A. 88120
Drewery, J.S. *see* Mireshghi, A. 98587
Drewniok, C., Dreschler-Fischer, L. A multispectral edge detection scheme and its application to Landsat imagery 67775
Drewniok, C. *see* Dreschler-Fischer, L. 77667
Drews, D., Langer, M., Richter, W., Zahn, D.R.T. Monitoring heteroepitaxial growth of ZnSe on GaAs by Raman spectroscopy 91539
Drews, D. *see* Wagner, V. 61278
Drexel, P. *see* Zhizhang Shen 51785
Drexel, P.G. *see* Blaine, L.G. 85811
Drexler, F. *see* Schiller, G. 99824
Drexler, H., Hansen, W., Kotthaus, J.P., Holland, M., Beaumont, S.P. Far-infrared photocurrent of quantum wires 49802
Drexler, H., Hansen, W., Manus, S., Kotthaus, J.P., Holland, M., Beaumont, S.P. One-dimensional electron channels in the quantum limit 62257
Dreyer, K. *see* Koren, U. 94197
Dreyer, M.L., Mobr, J., Zirkie, T. Building reliability into a high performance 4-level metallization system 62513
Dreyfus, R.W. *see* Vertes, A. 54938
Driad, R. *see* Kuhn, W.S. 69942
Driad, R. *see* Lamare, B. 71617
Dricot, F., Reher, H.J. Survey of arc tracking on aerospace cables and wires 99085
Drieenhuizen, B.P.van *see* van Drieenhuizen, B.P.
Driel, H.M.van *see* van Driel, H.M.
Driel, M.A.van *see* van Driel, M.A.
Driels, M., Beierl, P. A finite memory model for haptic teleoperation 65230
Driesbach, A.L. *see* Bhat, S. 96671
Driesel, W. *see* Praprotnik, B. 76737
Drieskens, M. *see* Zaganiaris, A. 52544
Driessche, I.Van *see* Van Driessche, I.
Driessche, V.Van *see* Van Driessche, V.
Driessen, F.A.J.M., Bauhuis, G.J., Hageman, P.R., Giling, L.J. Two-dimensional electron gas in modulation-doped, ordered-disordered $GaInPa_2$ homojunctions 71174
Driessen, P.F. DPLL bit synchronizer with rapid acquisition using adaptive Kalman filtering techniques 95367
Driessen, P.F. *see* Brugel, H. 96126
Drift, E.van der *see* van der Drift, E.
Driggers, R.G., Barnard, K., Burroughs, E.E., Deep, R.G., Williams, O. Review of infrared scene projector technology—1993 76082
Drillon, M. *see* Niznansky, D. 71950
Dring, D. *see* Heylen, A.E.D. 78024
Drinker, D.J. *see* Wilt, D.M. 54153
Drinkwater, M.R., Hosseinmostafa, R., Dierking, W. C-band microwave backscatter of sea ice in the Weddell Sea during the winter of 1992 77422
Drinkwater, M.R. *see* Rignot, E. 77461
Dripps, J.H. *see* Shariati, M.A. 98781
Dris, M. *see* von Apeldoorn, G. 88116
Driscoll, D. *see* Schiferl, R. 89871
Driscoll, M.A., Daasch, W.R., Sembakutti, C. Efficient design centering of analog integrated circuits using binary search 70248
Driscoll, T.J., Gale, G.M., Hache, F. Ti:sapphire second-harmonic-pumped visible range femtosecond optical parametric oscillator 83268
Driss, K.B., Kieny, C., Lorcet, B. Perturbation method for the continuation of sub-harmonic and harmonic states of parallel ferroresonant circuits 88958
Drissi, M. *see* Vourch, E. 94919
Drits, V.V. *see* Apanasevich, P.A. 73009
Driver, H.S.T. *see* Knight, J.C. 94055
Driver, H.S.T. *see* Knight, J.C. 94370
Drmota, M. Asymptotic distributions and multivariate darboux method in enumeration problems 69730
Drnovsek, J., Nancovska, I., Rape, R., Fefer, D., Jeglic, A. Measuring the complexity of metrological systems' signals 97746
Drnovsek, J. *see* Lapuh, R. 97763
Drobac, S. *see* Pierson, D. 90980
Drobakhin, O.O. *see* Borul'ko, V.F. 55015
Drobin, V.M. *see* Ovsyannikov, V.P. 53174
Drobin, V.M. *see* Ovsyannikov, V.P. 53175
Drobnik, J. Is cascade connection of power converters inefficient? 55147
Drobot, A. *see* Chernin, D. 92868
Drobot, A. *see* Ho, Y.L. 51232
Drobot, A. *see* Hyman, E. 91621
Drobot'ko, V.F. *see* Grishin, A.M. 53016
Drobyshev, G.Yu. *see* Fyodorov, A.A. 98628
Drobyshev, V.A. *see* Nikulin, A.D. 83563
Droge, E., Schnabel, R.F., Bottcher, E.H., Grundmann, M., Krost, A., Bimberg, D. High-speed InGaAs on Si metal-semiconductor-metal photodetectors 75514
Droge, E. *see* Hieronymi, F. 76001
Drogemuller, K. *see* Ebberg, A. 86403
Droguet, J.P., Teissier, G., Lerose, S., Belache, A. Thin film HDI for multichip modules. Assessment of behaviour under environment tests and qualitative structure analysis 92826
Drohan, R. Debugging multicomputer systems 70650
Drojjin, V.V. *see* Mirzoeva, L.A. 72290
Drolet, D. *see* Vallee, R. 82575
Drolet, G. A finite field arithmetic unit VLSI chip 70377
Drolshagen, G. *see* Soubeyran, A. 77116
Dromard, D., Seret, D., Jung, J.-I. Users vs provider's views of quality of service in B-ISDN 85891
Droopad, R., Kuo, C.H., Anand, S., Choi, K.Y., Maracas, G.N. Determination of molecular beam epitaxial growth parameters by ellipsometry 54913
Droopad, R. *see* Cody, J.G. 56751
Droopad, R. *see* Fathollahnejad, H. 72904
Droopad, R. *see* Kuo, C.H. 55570
Droopad, R. *see* Mathine, D.L. 54877
Dropmann, F. *see* Bruckner, W. 88025
Dror, I. *see* Chakrabarti, A.K. 69485
Dror, M. *see* Askin, R.G. 79268
Drori, J. *see* Belgal, H. 62990
Drori, R.A. *see* Kastner, R. 73306
Drost, S. *see* Aberl, F. 59251
Droste, M., Giraudet, M., Macpherson, D., Sauer, N. Set-homogeneous graphs 79598
Drosu, A. *see* Trusca, V. 90270
Drotning, W. Automated cleaning of electronic components 90945
Drotning, W., Meirans, L., Wapman, W., Hwang, Y., Koenig, L., Petterson, B. Robotics today: automated cleaning of electrical components 81044
Drouiche, K. *see* Krim, H. 74101
Drouot, V. *see* Garcia Perez, M.A. 56594
Drozdov, S.V., Kipshizde, G.D., Kreshchuk, A.M., Kulagina, M.M., Novikov, S.V., Savel'ev, I.G. Quantum wires with controllable conducting-channel width based on $In_{0.53}Ga_{0.47}As/InP$ heterostructures 49804
Drozdov, S.V. *see* Lukash, D.G. 50457
Drozdov, V.A. *see* Butenko, V.A. 53317
Drozdov, Yu.N. *see* Belov, R.K. 82515
Drozdova, I.A., Korsunskaya, N.E., Markevich, I.V. Conductivity anisotropy induced by an electric field in CdS crystals 49775
Drozdovskii, N.V. *see* Lebedev, I.V. 80671
Drozdowicz, Z.B. *see* Kefford, D. 59092
Drozhdin, A.I., Baishev, I.S., Mokhov, N.V., Parker, B., Richardson, R.D., Zhou, J. Dealing with abort kicker prefire in the Superconducting Super Collider 87838
Drozhdin, A.I. *see* Baishev, I.S. 76521
Drozhdin, A.I. *see* Soundranayagam, R. 67193
Drozhkin, V.N. *see* Mitenkov, F.M. 68372
Drozhzhina-Labvinskaya, A.Yu. *see* Davydov, A.A. 95122
Drubin, C. *see* Masarweh, S.K. 80740
Druckenmiller, R.O. *see* Liu, C.T. 63025
Drucker, D. QuickTime turns 2.0 75763
Drueke, K. A sealing process for printed-through-holes 81090
Druelle, Y. *see* Win, P. 61958
Druelle, Y. *see* Win, P. 71731
Druet, E., Albarede, P.-H. Top-view construction analysis of 16 Mbit DRAM by atomic force microscopy: a new approach 81520
Druetta, M. *see* Boukenter, A. 82997
Druetta, M. *see* Magne, S. 72732
Druilhe, R. *see* Patriarche, G. 79833
Druilhe, R. *see* Sallet, V. 48936
Drukier, A.K. *see* Sagdeev, I.R. 59153
Drullinger, R.E., Lee, W.D., Lowe, J.P., Walls, F.L., Glaze, D.J., Shirley, J.H. Systematic errors in NIST-7 86922
Drullinger, R.E. *see* Shirley, J.H. 86869
Drullinger, R.E. *see* Shirley, J.H. 86903
Drullinger, R.E. *see* Szekely, C. 75826
Drum, P.R. *see* Barnett, C.W. 54066
Drum, P.R. *see* Strang, W.M. 89255
Drumaguet, D.Le *see* Le Drumaguet, D.
Drumm, A.D. *see* Brand, D. 92055
Drummond, I.C. *see* John, P. 70091
Drummond, M.A. *see* Jana, P. 54980
Drummond, O.E. Multiple sensor tracking with retrospective probabilistic data association 57515
Drummond, P.D. *see* Caves, C.M. 64255
Drummond, P.D. *see* Werner, M.J. 56861
Drummond, R. E-mail integration: forging a more perfect union 52056
Drummond, T.J. *see* Blum, O. 54852
Drummond, T.J. *see* Howard, A.J. 91487
Drummond, T.J. *see* Sherwin, M.E. 81953
Drung, D. Recent low temperature SQUID developments 82384
Drung, D., Koch, H. An integrated DC SQUID magnetometer with variable additional positive feedback 56246
Drung, D. *see* Polushkin, V. 87357
Druon, C. *see* Belbounaguia, N. 58943
Drury, G.M. Broadcasting by satellites 86655
Drury, G.M. *see* Windram, M.D. 97539
Drury, M., Lee, T., Marshall, J., Preble, J., Saulter, Q., Schneider, W., Spata, M., Wiseman, M. Commissioning of the CEBAF cryomodules 67082
Drusedac, T.P., Panckow, A.N. Current fluctuations and switching effects in hydrogenated amorphous silicon/molybdenum multilayer thin films 62309
Druskin, V., Knizhnerman, L. On application of the Lanczos method to solution of some partial differential equations 69873
Druskin, V., Knizhnerman, L. Spectral approach to solving three-dimensional Maxwell's diffusion equations in the time and frequency domains 83421
Druskin, V.L. *see* Allers, A. 88735
Druy, M.A. *see* Glatkowski, P.J. 52918
Druzhinina, L.V. *see* Dolginov, L.M. 93150
Druzhinina, L.V. *see* Polyakov, A.Y. 71217
Druzovec, M. *see* Acko, B. 75846
Dryden, R., Provol, S., Kruempel, G. The Midwest Power PCFB demonstration project, Ahlstrom Pyroflow PCFB technology 89601
Dryja, M., Widlund, O.B. Domain decomposition algorithms with small overlap 54733
Drynan, D., Ellis, J., Narayanan, R., smith, C. A new class of switch for the multimedia age 65521
Dryndin, A.V. *see* Gordienko, V.A. 52748
Drzazga, Z., Szade, J., Szymczak, R., Szymczak, H., Bauer, G., Braunisch, W., Wohlleben, D. Anisotropy of Meissner effect in layered superconductor $Bi_2Sr_2CaCu_2O_x$ 72208
Drzewiecki, T.M., Holmes, A.B. Development of fluidic systems for flow control in nuclear facilities 78310
D'Silva, C. *see* Williams, G. 87085
D'Souza, G. *see* Estreguil, C. 77594
D'Souza, M., Herzog, L. Supervision/monitoring of photovoltaic installations—concept of a supervision installation for implementing security of photovoltaic plants 78513
Dssouli, R. *see* Gang Luo 65060
Du, A.Le *see* Le Du, A.
Du, D.H.C., Ghanta, S., Pavan, A., Yen, L. A new multi-access protocol for satellite channels 97192
Du, D.H.C. *see* Ahn, S. 64946
Du, D.H.C. *see* Bhattacharya, S. 52165
Du, D.H.C. *see* Li-Ren Liu 61480
Du, D.H.C. *see* Liu, L.-R. 80222
Du, D.H.C. *see* Shang-Zhi Sun 92044
Du, D.H.C. *see* Sheau-Ru Tong 75428
Du, D.H.C. *see* Siu Wing Cheng 61669
Du, D.H.C. *see* Sun, S.-Z. 92023
Du, D.H.C. *see* Sun, S.-Z. 93600
Du, F., Brady, M. Self-calibration of the intrinsic parameters of cameras for active vision systems 96024
Du, J. *see* Yang, G.-R. 92973
Du, L., Lee, J.S., Mango, S.A. Fuzzy classification of Earth terrain covers using multi-look polarimetric SAR image data 67922
Du, L., Sullivan, G.D., Baker, K.D. On evidence assessment for model-based recognition 84654
Du, L., Sullivan, G.D., Baker, K.D. Modelling data complexity for model-based vision 84676
Du, M. *see* De Baetselier, E. 88560
Du, P.Y.C. *see* Chang, Y.H. 98645
Du, Q.H. *see* Mao, J.M. 71158
Du, S.S. *see* Qin, Y. 60329
Du, W., Kirlin, R.L. Discrimination power enhancement via high resolution velocity estimators 88744
Du, X. *see* Bai, J.Z. 53324
Du, Y.C. *see* Todd, R.A. 88236
Du, Y.C. *see* Todd, R.A. 98675
Du, Z.Z. *see* Bai, J.Z. 53324
Du Chaffaut, G. *see* Borgne, M. 85450
Du Ding-Zhu *see* Ding-Zhu Du
Du Jiaju *see* Jiaju Du
Du Jian *see* Jian Du
Du Jiyan *see* Yao Fuqiang 83901
Du Ling *see* Ling Du
Du Liu Jian *see* Jian Du Liu
du Pisanie, J. *see* Klopper, W. 94321
Du Quangang, Zhong Zhantian, Zhou Xiaochuan, Mou Shanming, Xu Guichang, Jiang Jian, Duan Hailong, Wang Changheng Study of GaAs/AlGaAs multiquantum well infrared detector material 70011
Du Shihong *see* Ni Xiaobo 85724
Du Tengda *see* Shen Defang 72066
Du Tengda *see* Tengda Du

Du Val, J., Guthardt, O. Images in the absence of data: nearly lossless video transmission with image resizing and compression 74386
Du Xiangwan, Dong Zhiwei, Gao Tieta Recent progress of FEL research in China. Experiment and simulation 83176
Du Xiangwan, Xie Jialin, Shenggang, L., Chen Jiaer, Hui Zhongxi Recent achievement of free electron laser research in China 50891
Du Xiyu *see* Xiyu Du
Du Yan-shen *see* Zheng Zhao-hui 89711
Du Yan-shen *see* Zhou, E. 89723
Du Yifei *see* Yang Yongfeng 98553
Du Yonggang *see* Yonggang Du
Du Yuan-Cheng *see* Yuan-Cheng Du
Du Zhengchun *see* Liu Yutian 77935
Du Zhengchun *see* Liu Yutian 77937
Du Zhengwei *see* Zhengwei Du
Du-Ming Tsai, Ming-Fong Chen Curve fitting approach for tangent angle and curvature measurements 57866
Du-Yih Tsai, Watanabe, E., Fujisawa, K., Kagawa, K., Tomita, M., Arakawa, M., Kojima, K. Computer-based measurement of right and left ventricular volumes in magnetic resonance imaging 98853
Dua, C. *see* Brylinski, C. 70893
Duan, B.Y., Qi, Y.H., Xu, G.H., Wang, W.T. Study on optimization of mechanical and electronic synthesis for the antenna structural system 83850
Duan, G.-H. *see* Girardin, F. 83088
Duan, G.H. *see* Gaumont-Goarin, E. 56787
Duan, S. *see* Cord, B. 50294
Duan, X.F., Grigorieff, N., Cherns, D., Steeds, J.W., Sheng, C. Profiling of Ge_xSi_{1-x}/Si strained-layer superlattices by large-angle convergent beam electron diffraction and electron holography 81316
Duan Bingjing *see* Tang Baomin 85882
Duan Dongyuan *see* Yin Mingyu 62230
Duan Fengzeng *see* Yang Hua 86588
Duan Hailong *see* Du Quangang 70011
Duan Shangshu *see* Wang Ping 97918
Duan Shangshu *see* Wang Ping 97951
Duan Wenhui *see* Wenhui Duan
Duan Zhunguang *see* Sun Xiaowei 56847
Duanlin Que *see* Que Duanlin
Duann Jia-Ruey *see* Jia-Ruey Duann
Duann Shii-Tyng *see* Shii-Tyng Duann
Duanyang Guo, Yechiam Yemini, Zhensheng Zhang Scalable high-speed protocols for WDM optical star networks 65819
Duanyi Wang *see* Wang Duanyi
Duarte, A.M.de Oliveira *see* de Oliveira Duarte, A.M.
Duarte, F.J. Solid-state multiple-prism grating dye-laser oscillators 72706
Duarte, J.L. *see* Bosga, S.G. 68783
Dubard, J., Gauthier, F., Fortas, A. Characterization of the InGaAs detector to be used as a radiometric transfer etalon 86942
Dubash, N.B., Pance, G., Wengler, M.J. Photon induced noise in the SIS detector 58709
Dubbeldam, R. *see* den Ouden, A. 87690
Dubbelink, R.Olde *see* Olde Dubbelink, R.
Dubbers, D. The transmission of a lossy curved supermirror neutron guide 98420
Dubbs, T. *see* Barberis, E. 88104
Dubbs, T. *see* Barberis, E. 98609
Dube, S., Sharma, S.L. Studies in photochemical conversion of solar energy: simultaneous use of two dyes with mannitol in photogalvanic cell 78778
Dube, W.P. *see* Fortunko, C.M. 99313
Dubeau, J. *see* Dixit, M.S. 88014
Dubecky, F., Darmo, J., Betko, J., Mozolova, Z., Pelfer, P.G. C-V analysis of the Schottky barrier in undoped semi-insulating GaAs 81358
Dubey, A. *see* Telfer, B.A. 74047
Dubey, G.K. *see* Dawande, M.S. 54088
Dubey, M., Jones, K.A., Eckart, D.W., Casas, L.M., Pfeffer, R.L. Growth of single crystal Ge films on GaAs and InGaP and highly oriented Au films on Ge 54829
Dubey, S.S., Dheer, P.N., Krishna, M.M., Reddy, Y.S., Sharma, R.G. Superconducting properties of Cu-Nb multi-filamentary composite wires containing Ga as the third element 63284
Dubey, V.K. *see* Neo, L.K. 85347
Dubinov, A.E. *see* Selemir, V.D. 92895
Dubinskii, M.A., Semashko, V.V., Naumov, A.K., Abdulsabirov, R.Yu., Korableva, S.L. A new active medium for a tunable solid-state UV laser with an excimer pump 72718
Dubnansky, A.M. *see* Kumar Anand, R. 78459
Dubnicka, S., Kutner, V.B. A method of measurement of gas flow rates in ECR and PIG ion sources 53168
Dubois, C. *see* Chambaudet, A. 88201
Dubois, D., Prade, H. Possibility theory and data fusion in poorly informed environments 83886
Dubois, E., Konrad, J. Motion estimation and motion-compensated filtering of video signals 74410
Dubois, E. *see* Foodeei, M. 74547
Dubois, E. *see* Khandani, A.K. 73660
Dubois, J., Legros, W., Scarpa, P., Spronck, L. Experimental comparision of rotating arc behaviour in air and SF_6 90241
Dubois, J.C. *see* Robin, P. 75970
Dubois, L. *see* Cresson, P.-Y. 98943
Dubois, P. *see* Sarabandi, K. 88860
DuBois, T.D. *see* Bobbio, S.M. 57061
Dubon-Chevallier, C. *see* Boudiaf, A. 87476
Dubon-Chevallier, C. *see* Plouchart, J.O. 86225
Dubon-Chevallier, C. *see* Plouchart, J.O. 97077
Dubon-Chevallier, C. *see* Sik, H. 93182
Duboscq, J. *see* Abe, K. 88115
Duboscq, J. *see* Antilogus, P. 59064
Duboscq, J. *see* Antilogus, P. 59127
Duboscq, J.E. Studies of the single sided FOXFET biased detectors used in the OPAL experiment at LEP 88022
Duboscq, J.E. *see* Allport, P.P. 76752
Dubovitsky, S., Dapkus, P.D., Mathur, A., Steier, W.H. Wavelength conversion in a quantum well polarization insensitive amplifier 72920
Dubovitsky, S., Steier, W.H., Mathur, A., Dapkus, P.D. Gain saturation properties of a semiconductor gain medium with tensile and compressive strain quantum wells 63772
Dubovoi, V.G., Polyakov, V.E., Chernenko, V.S., Shteinfer, E.G. Situation-related logical control of the switching in high-voltage switchgear 100390
Dubovoi, V.G., Polyakov, V.Y., Chernenko, V.S., Shteinfer, Y.G. Situation-based logical control of switching in high-voltage switchgear systems 77919
Dubovskaya, I.Ya. *see* Baryshevsky, V.G. 50874
Dubovskaya, I.Ya. *see* Baryshevsky, V.G. 50878
Dubowski, J.J. Structural and optical properties of semiconductor heterojunctions and superlattices grown by pulsed laser evaporation and epitaxy (PLEE) 61261
Dubowski, J.J., Lebecki, K., Buchanan, M. Fiber optic CdMnTe magnetic field sensor made by the laser ablation deposition technique 76047
Dubowski, J.J. *see* Roth, A.P. 62231
Duboz, Y., Rosencher, B., Laurent, N. Monolithic spectrometer based on intersubband transitions in quantum wells 75993
Dubravec, B. Degradation and erosion of contacts AgCdO-15 and $AgSnO_2$-12 heated by switching arcs at arcing times 2.5 ms and 1 ms 90292
Dubrova, E.V., Gurov, D.B., Muzio, J.C. Full sensitivity and test generation for multiple-valued logic circuits 55246
Dubrovka, F.F., Lenivenko, V.A. Synthesis of disc-on-rod antennas 57252
Dubrovka, F.F., Petrushevskii, Yu.V. Spectral criterion of periodicity 57491
Dubrovski, P.D. *see* Ziberna-Sujica, M. 76217
Dubrovskii, G.V. *see* Golubkov, A.V. 93115
Dubrovskii, Yu.V., Khanin, Yu.N., Larkin, I.A., Morozov, S.V., Andersson, T.G., Soderstrom, J.R. Electron tunneling through single-barrier heterostructures in a magnetic field 81292
Dubrovskii, Yu.V. *see* Krutenyuk, Yu.V. 62678
Dubrulle, A.A., Golub, G.H. A multishift QR iteration without computation of the shifts 69786
Dubson, M.A. *see* McCann, L.I. 81168
Dubuc, C. *see* Bernstein, P. 82380
Dubuc, C. *see* Flament, S. 50422
Dubuc, J.P., Azais, B., de Murcia, M. Technological parameter and experimental set-up influences on latch-up triggering level in bulk CMOS device 71774
Dubuc, J.P. *see* de Murcia, M. 55554
Dubuc, M. Frame relay conformance testing 96143
Dubuisson, B. *see* Deveughele, S. 51684
Dubuisson, M.-P., Jain, A.E. 2D matching of 3D moving objects in color outdoor scenes 84697
Dubuisson, M.-P., Jain, A.K. Object contour extraction using color and motion 96023
Dubuisson, O. *see* Keller, J. 96508
Dubuquoy, J. DCE remote procedure code programming 96654
Dubyshkin, A.V., Kolli, Ya.N. EMF induction in a long line by plane transverse electromagnetic waves 94896
Duc Bui *see* Cooper, D.E. 58853
Duca, L. *see* Pitassi, S. 50472
Ducar, R. *see* Amidei, D. 98639
Ducar, R. *see* Derwent, P.F. 76784
Ducatel, K. Information technology networks, are they true networks? 52144
Duchamp, T. *see* Hoppe, H. 54801
Ducharme, A.D., Boreman, G.D., Snyder, D.R. Effects of intensity thresholding on the power spectrum of laser speckle 66444
Ducharme, A.D. *see* Alexander, T.L. 67951
Ducharme, A.D. *see* Daniels, A. 66447
Ducharme, R., Williams, K., Kapadia, P., Dowden, J., Steen, B., Glowacki, M. The laser welding of thin metal sheets: an integrated keyhole and weld pool model with supporting experiments 83404
Duchateau, J.-L. *see* Martinez, A. 93997
Duchateau, J.L. *see* Bessette, D. 82324
Duchateau, J.L. *see* Blau, B. 82440
Duchateau, J.L. *see* Libeyre, P. 82467
Duchemin, F. *see* Bel, R. 77731
Duchemin, O. *see* Brown, G.J. 71179
Duchemin, S. *see* Artaud, M.C. 81257
Ducher-Girard, P., Teisseire, B. Alcatel 1514 MX flexible multiplexer in linear networks 65510
Duchon, C.E., Wilk, G.E. Field comparisons of direct and component measurements of net radiation under clear skies 77410
Duck Hyun Kim, Jae Kong Kim The discrete Fourier transform using the complex approximations of the ring of algebraic integer 69665
Duck Jin Kim *see* Kun Chang Oh 70335
Duck Jin Kim *see* Seok Jin Jang 74402
Duck Jin Kim *see* Young Min Yoo 75111
Duckchool Lee, Jaeho Yuk, Neungheon Lee, Kenji Uchino Humidity-sensitive properties of Nb_2O_5-doped $Pb(Zr, Ti)O_3$ 52825
Duckett, M. The role of ATM in corporate wide area networks of the '90s 65265
Ducksbury, P.G. *see* Smith, R.W.M. 66157
Duckstein, L. *see* Zhang, X. 53405
Duclos, D. *see* Samy, R. 84588
Duclos, J. *see* Fanti, V. 76788
Ducloux, G. *see* Millaire, A. 67468
Ducloy, M. *see* Zi Dong Liu 72874
Ducousso, L. *see* Nguyen, H.N. 49217
Ducousso, L. *see* Nguyen, H.N. 91758
Ducros-Gambart, D. *see* Nezry, E. 77684
Duda, F.T. *see* Black, W.Z. 78127
Duda, R.O. Modeling head related transfer functions 95526
Dudaicevs, H., Kandler, M., Manoli, Y., Mokwa, W., Spiegel, E. Surface micromachined pressure sensors with integrated CMOS read-out electronics 66246
Dudas, I., Csermely, T., Varga, G. Application of metrology to the appraisal of design and construction 75836
Dudek, G. *see* Mackenzie, P. 97458
Dudek, R., Michel, B. Thermomechanical reliability assessment in SM- and COB-technology by combined experimental and finite element method 60965
d'Udekem-Gevers, M. Technical appendix: introduction to EDI 74947
Dudevoir, K.A. *see* Ingalls, R.P. 58532
Dudgeon, D.E., Lacoss, R.T., Lazott, C.H., Verly, J.G. Use of persistent scatterers for model-based recognition 75631
Dudkevich, V.P. *see* Surowiak, Z. 71003
Dudkin, A.Yu., Cheremisin, S.M. A toroidal gas-filled proportional counter 76779
Dudley, B.W. *see* Bobbio, S.M. 57061
Dudley, D.G. *see* Pasik, M.F. 73429
Dudley, J.J., Babic, D.I., Mirin, R., Yang, L., Miller, B.I., Hu, E.L., Bowers, J.E. Temperature and transverse mode characteristics of InGaAsP (1.3 μm) vertical cavity lasers on GaAs substrates 56807
Dudley, J.J. *see* Babic, D.I. 56741
Dudley, J.J. *see* Babic, D.I. 56808
Dudley, J.J. *see* I-Hsing Tan 55658
Dudley, J.J. *see* I-Hsing Tan 87184
Dudley, J.J. *see* Yang, L. 55693
Dudley, J.M. *see* Harvey, J.D. 63755
Dudley, J.M. *see* Reid, D.T. 63954
Dudley, J.M. *see* Reid, D.T. 63983
Dudley, M. *see* Casagrande, L.G. 91420
Dudley, M. *see* Di Marzio, D. 92960
Dudley, M. *see* Larson, D.J., Jr. 91419
Dudley, R.M., Kulkarni, S.R., Richardson, T., Zeitouni, O. A metric entropy bound is not sufficient for learnability 73584
Dudley, T.O. *see* Welland, D.R. 93886
Dudnikov, V.G. *see* Anashin, V.V. 98393
Dudnikov, V.G. *see* Guharay, S.K. 53229
Dudnikov, V.G. *see* Guharay, S.K. 62598
Dudok, E., Chang, W., Schroder, N., Sommer, E., Wolf, H., Nathrath, N. C-band Hemi/Zone antennas for INTELSAT VIII 57240
Dudor, J.S., Davis, C.E. Power systems engineering methods: a new approach 60634
Dudorkin, J., Tuma, J. Education of power engineers at the Electrotechnical Universities in the Czech and Slovak Republics 54362
Dudrik, J., Ondera, J. Protection against simultaneous switching-on of transistors in bridge connection of converters 68856
Dudziak, H., Reither, F., Lipp, H.M. Embedding large finite state machines into programmable devices 61625
Dueck, G.W., Butler, J.T. Multiple-valued logic operations with universal literals 55230
Duel-Hallen, A. Performance of multiuser zero-forcing and MMSE decision-feedback detectors for CDMA channels 75198
Duelli, M., Montemezzani, G., Keller, C., Lehr, F., Gunter, P. Colorant doped polymethylmetacrylate used as a holographic recording medium and as an intensity tunable saturable absorber 57021
Duen-Jeng Wang, Yu Hen Hu Fully static multiprocessor array realizability criteria for real-time recurrent DSP applications 64454
Duen-Jeng Wang *see* Yu Hen Hu 49467
Duen-Shun Wen *see* Hsu, C.C.-H. 55980
Duen-Tay Huang *see* Chung-Ming Huang 74716
Duenas, S., Castan, E., Barbolla, J., Montserrat, J., Lora Tamayo, E. A study of channeling and induced damage in boron implanted silicon 81211
Duenas, S., Castan, E., Enriquez, L., Barbolla, J., Montserrat, J., Lora-Tamayo, E. Characterization of the damage induced in boron-implanted

and RTA annealed silicon by the capacitance-voltage transient technique 81454
Duenyas, I., Fowler, J.W., Schruben, L.W. Planning and scheduling in Japanese semiconductor manufacturing 90938
Duerdoth, I., Clowes, S., Freestone, J., Loebinger, F.K., Lomas, J., Snow, S., Thompson, R. The transition from proportional to streamer mode in a resistive plate chamber 88207
Duerdoth, I., Snow, S., Thompson, R., Lumb, N. A study of breakdown in microstrip gas chambers 88012
Duerdoth, I. *see* McMahon, T. 88013
Duerdoth, L. *see* McMahon, T. 88003
Dufang Shi *see* Shi Dufang
Dufault, M. *see* Lester, J.A. 80788
Dufay, L., Ferlin, G., Lebrun, P., Riddone, G., Rieubland, J.-M., Rijllart, A., Szeless, B., Williams, L. A full-scale thermal model of a prototype dipole cryomagnet for the CERN LHC project 94020
Dufei Fang *see* Fang Dufei
Duff, J.Le *see* Le Duff, J.
Duffait, R. *see* Beraud, R. 67398
Duffaut, O. *see* Badie, C. 52765
Duffett-Smith, P.J. *see* Robson, M. 66005
Duffield, N.G. Exponential bounds for queues with Markovian arrivals 96197
Duffield, N.G., Lewis, J.T., O'Connell, N., Russell, R., Toomey, F. Statistical issues raised by the Bellcore data 65001
Duffield, N.G., Lewis, J.T., O'Connell, N., Russell, R., Toomey, F. The entropy of an arrivals process: a tool for estimating QoS parameters of ATM traffic 65002
Duffield, N.G., O'Connell, N. Large deviations for arrivals, departures, and overflow in some queues of interacting traffic 65004
Duffin, R.J. Voltage step-up filters not using transformers 80417
Duffy, A.P., Benson, T.M., Christopoulos, C. Propagation along a wire placed inside a cavity with an aperture: a comparison of measurements and transmission-line modeling (TLM) 57191
Duffy, A.P., Herring, J.L., Benson, T.M., Christopoulos, C. Improved wire modelling in TLM 94886
Duffy, A.P., Woolfson, M.S., Benson, T.M. Use of correlation functions to assist the experimental validation of numerical modeling techniques [EMC design] 57129
Duffy, A.P. *see* Wang, S.-C. 51143
Duffy, D.E., McIntosh, A.A., Rosenstein, M., Willinger, W. Statistical analysis of CCSN/SS7 traffic data from working CCS subnetworks 51971
Duffy, D.G. Response of a grounded dielectric slab to an impulse line source using leaky modes 51176
Duffy, H. *see* Nyholm, P. 94868
Duffy, J.S. *see* Schlaberg, H.I. 88476
Duffy, R.E. *see* Weisbrich, A.L. 78524
Dufilie, P., Desbois, J. Modeling of feedthrough and ground loops in SAW filters 92348
Dufilie, P. *see* Ventura, P. 93813
DuFore, V.J. *see* Graham, R.E. 59520
Dufort, B. *see* Chapman, G.H. 87361
Dufour, C. *see* Beaucour, J. 69537
Dufour, G. *see* Clemendot, S. 66578
Dufour, I. *see* Placko, D. 49027
Dufourd, C. *see* Cerin, C. 61764
Dufourd, J.-C., Naviner, J.-F. An optimizable model for process independent symbolic design 50063
Dufournet, D. SF_6 circuit breakers: evolution between 1959 and 1994 78751
Dufresne, P. *see* Travier, C. 59048
Dufresne, T. *see* Dhawan, A.P. 57642
Dufresne, T.E., Sarwal, A., Dhawan, A.P. A gray-level thinning method for delineation and representation of arteries 88399
Dugan, G.F. Accelerator physics issues at the SSC 87825
Dugan, J.B. *see* Bulka, D. 61008
Dugan, J.B. *see* Doyle, S.A. 54599
Dugan, J.P. *see* Weissman, D.E. 99267
Dugan, K. *see* Attar, G. 90432
Dugas, J. Three-dimensional modelling of a back junction solar cell made with improved polycrystalline silicon wafers 90391
Dugas, J., Pierrejean, I., Farenc, J., Peichot, J.P. Birefringence and internal stress in polystyrene optical fibers 63378
Dugas, J. *see* Martinuzzi, S. 90389
Dugdale, M. Residue multipliers using factored decomposition 92183
Dugdale, R.E. *see* Ibbett, D.A. 76974
Duggal, A.R., Yakymyshyn, C.P., Fobare, D.F., Hurley, D.C. Optical detection of ultrasound with a microchip laser 57029
Dughiero, F., Lupi, S., Siega, P. Analytical calculation of travelling wave induction heating systems 54256
Dughiero, F. *see* Ali, A. 54264
Dugliss, W.G. *see* Casiglia, J.H. 89605
Dugne, J.-J. *see* Ariztizabal, F. 98518
Dugovic, M. Staff training and education: Eastern point of view 78339
Dugrand, L. *see* Raffle, Y. 91454
Duguay, M.A. *see* Larose, R. 56697
Dugue, J. *see* Sayre, A.N. 76266
Duguid, T.P., Mee, C.A. The drivers behind the UK experience of DSM 99572
Duh, K.H.G. *see* Hwang, K.C. 55415
Duh, T.S. *see* Song, P.S. 87799
Duh Dyi-Rong *see* Dyi-Rong Duh
Duhaj, P. *see* Kraus, L. 72009
Duhamel, N., Loisel, B. Polysilicon technologies for large area displays 81871
Duhamel, N. *see* Plevert, L. 81398
Duhamel, N. *see* Stoemenos, J. 81396
Duhamel, P., Montazeri, M., Hilal, K. Classical adaptive algorithms (LMS, RLS, CMA, decision directed) seen as recursive structures 84308
Duhamel, P. *see* Hong, J. 48891
Duhamel, P. *see* Montazeri, M. 84291
Duhamel, P. *see* Rioul, O. 92378
Duignan, M.T. *see* Scott, A.M. 94427
Duinker, P. *see* Adam, A. 88087
Duinker, P. *see* Adam, A. 88102
Duinker, P. *see* Adriani, O. 88023
Duk Gyoo Kim *see* Sang Ho Ahn 61816
Duk Lee Jong *see* Jong Duk Lee
Duk Lee Rae *see* Rae Duk Lee
Duk Lim Byoung *see* Byoung Duk Lim
Duk-Dong Lee *see* Hyo-Derk Park 52971
Duk-Dong Lee *see* Wan-Young Chung 97882
Duk-Heon Kim *see* Chung-Yuen Won 100756
Duk-Woo Kim *see* Hong-Ju Moon 85833
Dukarm, J.J. Transformer oil diagnosis using fuzzy logic and neural networks 100206
Dukart, A. *see* Zabler, E. 60589
Dukashev, Ye.P. *see* Kononenko, A.A. 49731
Dukbin Lim *see* Seongil Jin 85938
Duke, R.M., Round, S.D., Mohan, N. Achieving sinusoidal rectifier input currents while minimising the kVA rating of controllable switches 90206
Duke, R.M. *see* Round, S.D. 61795
Duke, R.M. *see* Round, S.D. 68347
Duke, R.M. *see* Round, S.D. 89091
Duke Cho We *see* We Duke Cho
Dukes, C. *see* Carrigan, R.A., Jr. 59039
Dukhovnikov, N.A. *see* Chupis, V.N. 55530
Dukic, S. *see* Orlic, D. 74888
Dulac, O., Nissim, Y.I. Low temperature silicon nitride deposition by direct photolysis using high power krypton flash lamps 49000
Dulac, O., Nissim, Y.I. Integration of plasma cleaning and light-assisted CVD for the passivation of III-V semiconductor surfaces 93179
Dular, P., Hody, J.-Y., Nicolet, A., Genon, A., Legros, W. Mixed finite elements associated with a collection of tetrahedra, hexahedra and prisms 83430
Duley, R. Designing a notebook power supply 70289
Duley, W.W., Mao, Y.L. The effect of surface condition on acoustic emission during welding of aluminium with CO_2 laser radiation 73190
Duli Mao, Kang-Jin Kim, Frank, A.J. Open-circuit photovoltage and charge recombination at semiconductor/liquid interfaces 55677
Duling, I.N., III *see* Carruthers, T.F. 63742
Duling, I.N., III *see* Dennis, M.L. 72756
Dulinski, W. *see* Ronnqvist, C. 88024
Dulinski, W. *see* Straver, J. 88089
Dulinski, W. *see* Turchetta, R. 88247
Dulinski, W. *see* Turchetta, R. 98692
Dul'kin, A.E. *see* Boroditskii, M.L. 54967
Dull, T.L. *see* Gidley, D.W. 81162
Dultz, W. *see* Hossfeld, J. 56964
Duluc, T. *see* Wolny, M. 92963
Dumas, D., Girard, P., Landrault, C., Pravossoudovitch, S. Effectiveness of a variable sampling time strategy for delay fault diagnosis 49330
Dumas, F., Biedinger, J.-M., Lemoine, D. Estimation of iron losses in electrical machines using finite element method 89847
Dumas, J.-P. *see* Jocteur, R. 97336
Dumas, J.M., Henry, M., Fournier, A., Laffeter, A.M. Parasitic effects limiting the performances of III-V electron devices for digital lightwave systems 86528
Dumas, J.M. *see* Berthier, P. 56018
Dumas, M. *see* Hoffmann, A. 71640
Dumas, O., Shafai, B., Lev-Ari, H., Brooks, D.H. Application of adaptive noise cancellation to wafer shape measurements 74220
Dumas, P., Gu, M., Syrykh, C., Hallimaoui, A., Salvan, F., Gimzewski, J.K. Nanostructuring of porous silicon using scanning tunneling microscopy 71071
Dumas, P., Gu, M., Syrykh, C., Hallimaoui, A., Salvan, F., Gimzewski, J.K., Schlittler, R.R. Photon spectroscopy, mapping, and topography of 85% porous silicon 71070
Dumas, P. *see* Petri, R. 62467
Dumas, P. *see* Vatel, O. 71068
Dumas, Ph.O. Design of a digital OB van 97536
Dumbrajs, O. Eccentricity of the electron beam in a gyrotron cavity 81139
Dumbrajs, O. *see* Nusinovich, G.S. 49745
Dumer, I.I., Farrell, P.G. Erasure correction performance of linear block codes 73659
Dumesnil, J., Schindler, P., Gerber, A. Thermalhydraulics assessments of LMFBR's intermediate heat exchangers 99875
Dumin, D.J., Cooper, J.R., Maddux, J.R., Scott, R.S., Wong, D.-P. Low-level leakage currents in thin silicon oxide films 71262
Dumin, D.J., Maddux, J.R., Scott, R.S., Subramoniam, R. A model relating wearout to breakdown in thin oxides 82117
Dumin, D.J., Maddux, J.R., Subramoniam, R., Scott, R.S., Wong, D.-P. The use of low-level pre-tunneling currents to characterize thin oxide wearout and breakdown 55670
Dumin, D.J., Mopuri, S., Vanchinathan, S., Scott, R.S., Subramoniam, R., Lewis, T.G. High field emission related thin oxide wearout and breakdown 62365
Dumin, D.J., Vanchinathan, S. Bipolar stressing, breakdown, and trap generation in thin silicon oxides 62323
Dumin, D.J. *see* Subramoniam, R. 62623
Dumir, V.C., Hans-Gill, R.J., Woods, A.C. Values of non-homogeneous indefinite quadratic forms 54685
Dumir, V.C. *see* Sehmi, R. 69719
Dumitrescu, G. *see* Trusca, V. 90270
Dumitriu, L. *see* Iordache, M. 61486
Dumitru, M. *see* Buiu, O. 49860
Dumond, Y. *see* Yuan, Y. 50177
Dumont, D., Lavialle, G., Noel, B., Deruaz, R. Loss of residual heat removal during mid-loop operation: BETHSY experiments 89518
Dumont, G.A. *see* Ye Fu 100971
Dumont, H., Lusson, A., Bouree, J.-E., Gorochov, O. Influence of light irradiation on ZnTe layers grown by MOVPE 69967
Dumont, H., Qu'Hen, B., Bouree, J.-E., Kuhn, W., Gorochov, O. Photoassisted metal organic vapour-phase epitaxy of ZnTe on GaAs 48923
Dumont, L., Fattouche, M., Morrison, G. Super-resolution of multipath channels in a spread spectrum location system 86189
Dumont, M., Hosotte, S., Froc, G., Sekkat, Z. Orientational manipulation of chromophores through photoisomerization 56293
Dumont, M. *see* Jacob, D. 56837
Dumont, M.F. *see* Olson, L.D. 89712
Dumortier, C. *see* Ollitrault, M. 88811
Dumortier, F., Van Cauwenberghe, A., Boullart, L. Computer aided design of advanced control algorithms for nuclear reactor control 53887
Dumortier, P., Van Hauwermeiren, L., Boerjan, J. Transport of gigabit ATM cell streams over lower order SDH backbone 64962
Dumschat, C. *see* Hermes, T. 98154
Dumschat, C. *see* Knoll, M. 58667
Dumschat, C. *see* Knoll, M. 66260
Dumschat, C. *see* Knoll, M. 97894
Dun Jin *see* Wei Jiang 55692
Dun-He Cai *see* Cai Dun-He
Dunaev, B.N. *see* Zhgoon, S.A. 55324
Dunaev, S.N., Fetisov, Y.K. Reversal of magnetostatic volume waves group velocity in nonstationary magnetic field 50243
Dunais, J.M., Brisou, F. The all-purpose locomotive: a braking system for all trains and terrains 54225
Dunan, J.T. *see* Glabus, M.F. 53433
Dunbar, A. *see* Sanders, R.T. 67163
Dunbar, L.J.E. Canada embraces long distance competition 96308
Dunbar, M. *see* Jerman, H. 100428
Dunbar, R.M. A surface-contour electromagnetic wave antenna for short-range subsea communications 97042
Dunbar, T., Whitson, W. Cathodoluminescent lamp for LCD backlighting 76132
Dunbridge, B., Smith, D., VanBuskirk, R. Competitive dual use MMIC technologies and products 92593
Duncan, A.L. *see* Kendrick, R.L. 98092
Duncan, B. CMR under test 61577
Duncan, B. Voltage regulator chips: Switch to linear? 91875
Duncan, B.D., Mark, M.B., McManamon, P.F. Performance analysis of a heterodyne lidar system incorporating a multimode optical waveguide receiver 58497
Duncan, B.D. *see* Overbeck, J.A. 58498
Duncan, D.B. *see* Davies, P.J. 69884
Duncan, G.M., Perry, D.M. IntraLATA toll demand modeling: a dynamic analysis of revenue and usage data 79204
Duncan, J.S. *see* Chakraborty, A. 74597
Duncan, J.S. *see* Chakraborty, A. 76922
Duncan, J.S. *see* McEachen, J.C., II 96044
Duncan, L.M. *see* Bernhardt, P.A. 83690
Duncan, L.M. *see* Milikh, G.M. 94820
Duncan, M.D. *see* Moon, J.A. 84625
Duncan, M.Z. *see* Silver, M.D. 59239
Duncan, R. *see* Stewart, R.W. 77763
Duncan, R.A., Chan, K.M., Sedra, A.S. Designs for a wideband current amplifier and a current conveyor 49192
Duncan, S.H., White, R.V. Designing 2.1V Futurebus+ termination system requires system engineering approach 61517
Duncan, S.H. *see* He, Z. 59301
Duncan, S.W., Eskandarian, A., Gill, D., Golja, B., Power, B., Tu, D.W., Svensson, S., Weinreb, S., Zimmerman, M., Byer, N. Compact high gain W-band and V-band pseudomorphic HEMT MMIC power amplifiers 80780

Duncan, S.W. *see* Tu, D.-W. 80779
Duncan, W. *see* Maung, S. 60912
Duncan, W.A., Patterson, S.P., Graves, B.R., Cordi, A.J., Yonehara, G.N., Sollee, J.L. Overtone research, advanced chemical laser module design 94334
Duncan, W.A. *see* Graves, B.R. 94336
Duncan, W.J. *see* Harlow, M.J. 54900
Duncan, W.M. *see* Henck, S.A. 60910
Duncanson, J. Inverse multiplexing 52270
Dunford, R.B. *see* Clark, R.G. 83571
Dunford, W.G., Khan-Ngern, W., van Wyk, J.D. The analysis and implementation of a discontinuous PWM scheme 68789
Dunford, W.G. *see* Barnard, J.M. 88564
Dunhe Xiao *see* Xiao Dunhe
Dunin-Borkowski, R.E., Stobbs, W.M., Perovic, D.D. The characterization of delta doping by Fresnel contrast analysis 81444
Dunkel, J., Stahl, H. On the transient analysis of stiff Markov chains 79732
Dunkel, J. *see* Becker, P.C. 73106
Dunkel, J. *see* de Barros, M.R.X. 66367
Dunkel, O. *see* Clari, F. 76351
Dunkelberger, K.A. Hypothesis-driven distributed sensor management 73932
Dunki-Jacobs, J.R., Davis, C.E. An argument and procedure for conceptual power system design studies 59894
Dunkley, J., Ganschow, G., Hannaman, D., Patterson, J., Willard, S., Gopi, P. Hot electron induced hydrogen compensation of boron doped silicon resulting from emitter-base breakdown 62724
Dunkley, J.L. *see* McNutt, M.J. 56057
Dunlavy, D.J. *see* Moutinho, H.R. 93105
Dunleavy, L. *see* Lardizabal, S. 81986
Dunleavy, L.P. *see* Ehoud, A. 80713
Dunleavy, L.P. *see* Gaiewski, W.R. 70955
Dunlop, A.E. *see* Ota, Y. 52561
Dunlop, G. A switched-reluctance motor drive with zero torque ripple and a constant inverter bus current 69064
Dunlop, G.R., Ellis, P.J., Afzulpurkar, N.V. The satellite tracking keyhole problem: a parallel mechanism mount solution 64249
Dunn, A. *see* Amidei, D. 98639
Dunn, A. *see* Derwent, P.F. 76784
Dunn, C., Kaya, C., Lewis, T., Strauss, T., Schreck, J., Hefley, P., Middendorf, M., San, T. Flash EPROM disturb mechanisms 61695
Dunn, C., Sandler, M. Use of clipping in sigma-delta modulators 49515
Dunn, C. *see* Lichten, S.M. 75671
Dunn, C. *see* Rife, D.D. 95596
Dunn, D. Using a multi-layer perceptron neural net for human voice identification 73916
Dunn, D.D., Norris, K.C., Somerville, L.K. 0.5-micrometer DUV photolithography manufacturing 71793
Dunn, D.D., Norris, K.C., Somerville, L.K. DUV photolithography manufacturing 93286
Dunn, D.E. A ferroelectric capacitor macromodel and parameterization algorithm for SPICE simulation 56168
Dunn, D.F., Higgins, W.E. Optimal Gabor-filter design for texture segmentation 84949
Dunn, F. *see* Knutson, K.L. 55687
Dunn, F. *see* Zatari, D. 76936
Dunn, G.M., Walker, A.B., Jefferson, J.H., Herbert, D.C. Simulation of optical switches using the Monte Carlo method 63580
Dunn, G.M. *see* Mills, R.J. 62302
Dunn, J. Dual resonance measurements evaluate unknown coils 92651
Dunn, J.M. *see* Jankovic, D. 94763
Dunn, J.M. *see* Perry, R.M. 80654
Dunn, J.M. *see* Weitzman, P.S. 51158
Dunn, M.H. *see* Hong, J. 63735
Dunn, M.H. *see* Terry, J.A.C. 56891
Dunn, M.H. *see* Yelland, C. 72945
Dunn, P.N. X-rays future: a cloudy picture [lithography] 62612
Dunn, R.B., Quatieri, T.F., Kaiser, J.F. Detection of transient signals using the energy operator 84231
Dunn, R.B. *see* Quatieri, T.F. 75780
Dunn, R.W. *see* Chan, K.W. 59826
Dunn, S.M. *see* Ciaccio, E.J. 53369
Dunn, S.M. *see* Povlow, B.R. 96051
Dunn, T.S. *see* Mulholland, J.E. 59455
Dunnam, C.R., Meller, R.E. Nanosecond MOSFET gun pulser for the CESR high intensity linac injector 67368
Dunnam, C.R., Unser, K.B. Fast bunch-to-bunch current sampling in the Cornell electron-positron collider 76517
Dunne, K., Russo, J.F. Closed loop wastewater recycling 92758
Dunne, M.C.M., White, E.K., Griffiths, G. Survey of problems experienced by drivers at night: pilot study 98741
Dunnigan, M.W. *see* Wade, S. 60210
Dunning, L.A. A SEC-BED-DED code with byte plus bit error detection 73611
Dunphy, J., Ball, G., D'Amato, F., Ferraro, P., Inserra, S., Vannucci, A., Varasi, M. Instrumentation development in support of fiber grating sensor arrays 52887
Dunscombe, C.J. *see* Clark, S.A. 55796
Dunscombe, P., Leszczynski, K., Cosby, S., Krispel, F. An aid to radiation therapy simulation 77044
Dunstone, E., Andrew, J. Super-high, scale invariant image compression using a surface learning neural network 96095
Duntsev, A.V. *see* Mel'nikov, V.I. 89481
Dunwoodie, W. *see* Abe, K. 88115
Dunwoodie, W. *see* Antilogus, P. 59064
Dunwoodie, W. *see* Antilogus, P. 59127
Dunwoody, U.C. *see* Allport, P.P. 76752
Dunwoody, U.C. *see* Allport, P.P. 88021
Duo, L. *see* Bertacco, R. 75982
Duolu Li *see* Runguang Sun 72391
Duong, K., Garcia, E., Waites, H.B. Smart piezo stacks as actuators for precision control of adaptive reflectors 82205
Duoyuan Wang *see* Jinhai Si 63948
Duoyuan Wang *see* Jinhai Si 73023
Dupenloup, G. *see* Cazenave, J.-P. 79382
Dupin, J.-J. *see* Johsua, S. 79176
Duplan, S. Boundary inerting simplifies N_2 wave soldering 81001
Dupont, A., Dibon, E.M., Haas, G., Hackett, A. LCD rear projection. The emerging technology for the large size TV consumer market 58933
Dupont, A.-C., Morin, E.L. A myoelectric control evaluation and trainer system 88555
Dupont, A.J. *see* Ramanathan, P. 61495
Dupont, C.J. *see* Meirelles, M.P. 90230
Dupont, D. *see* Rouzeyre, B. 49328
Dupont, E., Corkum, P., Liu, H.C., Wilson, P.H., Buchanan, M., Wasilewski, Z.R. Two-photon intersubband transitions in quantum well infrared photoconductors 87196
Dupont, H., Chawki, M.J., Tillerot, F., Thual, M., Poudoulec, A. Measurement of the effective phase-amplitude coupling factor α_{eff} of high speed semiconductor optical amplifier modulator 83098
Dupont, H. *see* Pottier, P. 82768
Dupont, J. *see* Aoki, S. 53304
Dupont, L. *see* Le Bourhis, L. 72458
Dupont, P. Virtual reality is the natural world for design automation 90900
Duport, I.S. *see* Gerard, P. 63471
Duport, I.Schanen *see* Schanen Duport, I.
Duporte, E. *see* Lemonnier, B. 88813
Duppen, P.Van *see* Van Duppen, P.
Dupraz, Ch. *see* Perault, M. 52956
Dupraz, J. ATM networks: the manufacturer's viewpoint 74792
Dupraz, J. *see* Aoki, S. 53304
Dupre, L. *see* Philips, D. 63158
Dupre La Tour, N. *see* Bollereau, M.J. 96906
Dupuie, S.T. *see* Welland, D.R. 93886
Dupuis, A. *see* Guillemin, F. 96201
Dupuis, H., Hajek, B. A simple formula for mean multiplexing delay for independent regenerative sources 64998
Dupuis, O. *see* Devillers, M. 79924
Dupuis, R.D. *see* Chelakara, R.V. 83040
Dupuis, R.D. *see* Fertitta, K.G. 79858
Dupuis, R.D. *see* Holmes, A.L. 79785
Dupuis, R.D. *see* Rabiul Islam, M. 54965
Dupuy, A. *see* Zadok, E. 96564
Dupuy, F. *see* Bohineust, X. 73155
Durack, L.D. *see* Pollard, K.R. 59305
Duraev, V.P. *see* Guriev, A.I. 56793
Durakbasa, N.M. Measurement technology and repeatability in quality assurance 69593
Durakbasa, N.M. *see* Osanna, P. 77061
Durakbasa, N.M. *see* Rezaie, K. 77060
Duran, A. *see* Bertran, M. 70615
Duran, P. *see* Villegas, M. 92640
Durand, E. *see* Hello, P. 72721
Durand, F. Lightning, broadcast centers and climbing devices 78214
Durand, G. *see* Guihery, N. 55488
Durand, G. *see* Guihery, N. 55489
Durand, L. *see* Hutt, D.L. 53536
Durand, L.-G. *see* Zhenyu Guo 74074
Durand, L.G., Stein, P.D., Grenier, M.C., Henry, J.W., Inderbitzen, R., Wieting, D.W. In vitro and in vivo low frequency acoustic analysis of Bjork-Shiley convexo-concave heart valve opening sounds 77066
Durand, M., Lalle, P., Andriot, P. Eight beam PEROT-FABRY velocimeter 87552
Durand, M.A. *see* Schankula, M.H. 66131
Durand, O. *see* Schuhl, A. 75946
Durand, R. *see* Gloaguen, F. 100442
Durand, S.J. *see* Rosenthal, A.L. 100730
Durand, V. *see* Sorokine, V. 73620
Durandet, A. *see* Giroult-Matlakowski, G. 91556
Durante, A. *see* Magni, R. 88492
Durante, C. *see* Gentil, M.H. 49403
Durante, R. *see* Baker, A. 92225
Durbin, S.M., Gray, J.L. Difficulties encountered in developing numerical InP solar cell models 100674
Durbin, S.M., Gray, J.L., Ahrenkiel, R.K., Levi, D.H. Numerical modeling of the influence of photon recycling on lifetime measurements 100667
Durbin, S.M. *see* Ahrenkiel, R.K. 100611
Durcik, M., Havlik, F., Nikodemova, D. The National Metrological Center of Slovakia for Radon Quantities. II. Secondary standard system of ^{222}Rn 77573
Durden, S. *see* Moghaddam, M. 77587
Durden, S.L. *see* Li, F. 77360
Durden, S.L. *see* Tanner, A. 59555
Durden, S.L. *see* Zrnic, D.S. 77374
Durden, S.L. *see* Zrnic, D.S. 77415
Durdin, M.Yu. *see* Nuzhdin, V.N. 60497
Durdle, N.G. *see* Lou, E. 88354
Duree, G. *see* Segev, M. 83315
Durel, V. *see* Guenais, B. 81357
Duret, B., Saudin, A. Microspheres for on-board hydrogen storage 70179
Durham, A.M. *see* Redman-White, W. 61770
Durham, D. *see* Rahman, M.D. 81669
Durham, J.S. *see* Akselrod, M.S. 88608
Durham, J.T. *see* Torrez, W.C. 64471
Durham, M.O., Durham, R.A. Lighting, grounding, and protection for distributed control and communications systems: a retrofit 59995
Durham, R.A. *see* Durham, M.O. 59995
Durhuus, T. *see* Braagaard, C. 72665
Durhuus, T. *see* Braagaard, C. 72881
Durhuus, T. *see* Gabriagues, J.M. 97301
Durhuus, T. *see* Wang, Z. 50762
Duricek, L'. *see* Bohacek, P. 62880
Durieux, M. *see* Rusby, R.L. 86959
During, C., Jansson, K. Implementation of a recursive correlation algorithm for real-time measurements of a varying time delay 74219
Durkee, S. *see* de Vries, M.J. 98066
Durkee, S. *see* Spillman, W.B., Jr. 97973
Durkin, L.S. *see* Bylsma, B. 59179
Durkin, W.J. Electrostatic measurements on plastic webs 64082
Durocher, D. *see* Bernard, J.-P. 53639
Durocher, D. *see* Bernard, J.-P. 59790
Durose, K. *see* Tatsuoka, H. 79834
Durrani, I.R., Shah, H.A. A new nonlinear equation for electron whistler waves 94850
Durrani, S.A. *see* Majeed, A. 88178
Durrani, S.A. *see* Majeed, A. 88179
Durrani, S.A. *see* Shweikani, R. 88078
Durrani, T.S., Leyman, A.R., Soraghan, J.J. New cumulant suppression technique 48759
Durrani, T.S., Leyman, A.R., Soraghan, J.J. Reducing third order cumulant spread in computer generated random numbers 51488
Durrani, T.S., Leyman, A.R., Soraghan, J.J. New algorithms for array processing using higher order statistics 84521
Durrani, T.S. *see* Freeland, G.C. 84230
Durrani, T.S. *see* Leyman, A.R. 51518
Durrani, T.S. *see* Leyman, A.R. 74157
Durrant-Whyte, H.F. *see* Fernandez, M. 57624
Durrant-Whyte, H.F. *see* Grime, S. 74215
Durrant-Whyte, H.F. *see* Manyika, J.M. 58678
Durrant-Whyte, H.F. *see* Manyika, J.M. 73990
Durselen, A., Ebersberger, G., Osterloh, G. TV Network Analyzer SWKF: state-of-the-art TV sweep measurements from 0.01 to 900 MHz 52679
Durst, F. *see* Qui, H.-H. 66762
Durville, F.M. *see* Schafer, S.A. 59401
Durwood, K.L., Larsen, J. Keep updated on PLD 61642
D'Urzo, C. *see* Dolgetta, N. 83540
Dus-Sitek, M., Olszowski, Z. Relaxation processes and structural transformations in amorphous Co-Fe-Si-B alloys 72006
Dusa, M.V., Xiao, G., Rauch, E. Metrology hardware simulation of mask focus-exposure matrix 62567
Dusa, M.V., Xiao, G., Rauch, E., Pellegrini, J. Algorithm for submicron optical metrology optimization with combined illumination techniques 87519
Dusa, O. *see* Konc, M. 72007
Dusa, O. *see* Kosturiak, A. 72008
Dusa, V. Mathematical model for the investigation of the stable operation regimes of the DESMV connected to the electrical power system network. I—the equation of the small oscillation theory 68020
Dusane, R.O. *see* Joag, D.S. 62204
Dushac, H.M., Ritter, D.T. A new concept in ground check/ground fault monitoring 69296
Dushaw, B.D., Chester, D.B., Worcester, P.F. A review of ocean current and vorticity measurements using long-range reciprocal acoustic transmissions 77555
Dusi, W., Caroli, E., Di Cocco, G., Donati, A., Landini, G., Ramunno, G., Amann, M., Koebel, J.M., Siffert, P., Grassi, D., Perillo, E. Prototype of a mercuric iodide X-ray camera: preliminary results 88041
Dusi, W. *see* Grassi, D. 88039
Dusonchet, L. *see* Augugliaro, A. 99683
Dusonchet, L. *see* Augugliaro, A. 99684
Dussardier, B. *see* Maurice, E. 63422
Dussardier, B. *see* Monnom, G. 94390
Dussault, H., Howard, J.W., Jr., Block, R.C., Pinto, M.R., Stapor, W.J., Knudson, A.R. The effects of ion track structure in simulating single event phenomena 71559
Dusseault, M.B. *see* Narayan, S. 67754
Dusza, J.J., Gonzalez, C.F.M., Garcia, V.J.S., Nawrocki, E.P.K. Application of binary pulse signals to coincidence methods 59096
Dutartre, D., Warren, P., Chollet, F., Gisbert, F., Berenguer, M., Berbezier, I. Defect-free

Stranski-Krastanov growth of strained $Si_{1-x}Ge_x$ layers on Si 93026
Dutartre, D., Warren, P., Provenier, F., Chollet, F., Perio, A. Fabrication of relaxed $Si_{1-x}Ge_x$ layers on Si substrates by rapid thermal chemical vapor deposition 91612
Dutartre, D. *see* Warren, P. 93099
Duteau, J.-H. *see* Loo, J. 88917
Duthie, J. *see* Brees, A. 92613
Dutkiewicz, E., Anido, G. Performance evaluation of hierarchical control systems in switching exchanges 86008
Dutoit, M., Mieville, J.-P., Shi, Z.M., Revil, N., Cristoloveanu, S. Experimental study of electron heating in 0.1-μm n-MOSFET's 71694
Dutoit, M. *see* Fikry, W. 55978
Dutoit, M. *see* Mieville, J.-P. 50017
Dutoit, M. *see* Rais, K. 62802
Dutoit, M. *see* Yuan, X.-J. 71221
Dutoit, M. *see* Zhongming Shi 71655
Dutra, S.M., Davidovich, L. Phase squeezing in two-photon correlated-spontaneous-emission lasers 50718
Dutrey, J.F. *see* Bourrieau, J. 71881
Dutrieue, B. *see* van den Berg, F.D. 98523
Dutro, R.W. *see* Watkins, W.R. 87280
Dutt, D.A. *see* Williams, G.M. 63403
Dutt, D.N. Spectral estimation of EEG signals using cascaded inverse filters 88494
Dutt, D.Narayana *see* Narayana Dutt, D.
Dutt, J.C., Lindborg, L. Quality control and quality assurance in individual monitoring of ionising radiations 88605
Dutt, N. *see* Ang, R. 55069
Dutt, N. *see* Haigeng Wang 80468
Dutt, N. *see* Ohm, S.Y. 91819
Dutt, R.B., Franceschetti, G., Naraghi, M., Tatoian, J. Image theory for a rough planar surface 83628
Dutt, S., Chantard, F., Gerig, R., Kauffmann, S. Statistics of the half-integer stopband 66921
Dutt, S. *see* Ellison, M. 66909
Dutt, S. *see* Syphers, M.J. 66966
Dutt, S. *see* Wang, Y. 66910
Dutta, A. Capacity planning of private networks using DCS under multibusy-hour traffic 74761
Dutta, A., Kawatra, R. Topological design of a centralized communication network with unreliable links and node outage costs 74759
Dutta, H.N. *see* Sarkar, S.K. 51099
Dutta, J.M. *see* Birch, J.R. 76149
Dutta, L.S. *see* Groteluschen, E. 51172
Dutta, L.S. *see* Groteluschen, E. 83725
Dutta, M. *see* Shen, H. 72441
Dutta, M. *see* Shen, H. 94183
Dutta, N.K. *see* Chand, M. 63775
Dutta, N.K. *see* Nichols, D.T. 75495
Dutta, P.F. *see* Ghosh, K. 99789
Dutta, P.K., Duttagupta, P.B. Novel signal processing techniques for fault detection and location in HV subtransmission and transmission lines 59987
Dutta, P.S., Sangunni, K.S., Bhat, H.L., Kumar, V. Growth of gallium antimonide by vertical Bridgman technique with planar crystal-melt interface 69914
Dutta, P.S., Sangunni, K.S., Bhat, H.L., Kumar, V. Sulphur passivation of gallium antimonide surfaces 81526
Dutta, R. *see* Coucoulas, A. 94127
Dutta, S., Wolf, W. Asymptotic limits of video signal processing architectures 95707
Dutta, S.K. *see* Saha, D. 85688
Dutta Gupta, P.B. *see* Chaudhuri, S.P. 60005
Dutta Majumder, D. *see* Basak, J. 51586
Dutta Majumder, D. *see* Mali, P.C. 48744
Dutta Roy, S.C., Jain, S.B., Kumar, B. Design of digital FIR notch filters 92386
Duttagupta, P.B. *see* Dutta, P.K. 59987
Duttagupta, P.B. *see* Ghosh, K. 99789
Duttagupta, P.B. *see* Ray, P.S. 59821
Dutting, K., Hildebrand, O., Baums, D., Idler, W., Schilling, M., Wunstel, K. Analysis and simple tuning scheme of asymmetric Y-lasers 63791
Dutto, G., Jayamanna, K., Kuo, T., McDonald, M., Schmor, P.W., Yuan, D.H. DC H^-/D^- sources at TRIUMF 53189
Dutto, G. *see* Zelenski, A.N. 76746
Dutton, R. *see* Abramo, A. 81195
Dutton, R.W. *see* Aluru, N.R. 50038
Dutton, R.W. *see* Jae-Gyung Ahn 81908
Dutton, R.W. *see* Ke-Chih Wu 62647
Duuren, M.J.van *see* van Duuren, M.J.
Duuren, M.Van *see* Van Duuren, M.
Duursma, I.M., Kotter, R. Error-locating pairs for cyclic codes 95110
Duval, F. *see* Sawan, M. 88559
Duval, M. *see* Joubert, A. 76318
Duval, W.M.B. *see* Srinivasan, A. 61220
Duval, W.M.B. *see* Srinivasan, A. 61233
Duveau, J. *see* David, J.P. 100745
Duveneck, G.L. *see* Singer, E. 66503
Duvvury, C., Diaz, C., Haddock, T. Achieving uniform nMOS device power distribution for submicron ESD reliability 63000
Duvvury, C., Wise, J.L., Machala, C.F., Yang, P. A novel method to determine gate-drain overlap in sub-micron transistors 93408
Duvvury, C. *see* Diaz, C.H. 50067
Duvvury, C. *see* Diaz, C.H. 93662
Duyar, A. *see* Saravanan, N. 67742
Duyar, A. *see* Saravanan, N. 77190
Duyn, D.C.van *see* van Duyn, D.C.
Duyn Schouten, F.A.van der *see* van der Duyn Schouten, F.A.
Duzellier, S., Falguere, D., Ecoffet, R. Protons and heavy ions induced stuck bits on large capacity RAMs 70465
Duzellier, S., Falguere, D., Ecoffet, R. Heavy ion/proton test results on high integrated memories 70474
Duzellier, S. *see* Underwood, C.I. 70492
Duzer, T.Van *see* Van Duzer, T.
Dvinskikh, V.A. An estimate of the stability of feedback amplifiers 61580
Dvoinishnikov, V.A., Izyumov, M.A., Roslyakov, P.V. The design of a gas-and-oil-fired drum-type boiler for a 200-MW unit 89658
Dvorak, S.L. *see* Budihardjo, A. 94724
Dvorak, S.L. *see* Evans, G.E. 83835
Dvornikov, A.S., Rentzepis, P.M. Processes and materials for two-photon volume optical memories 63352
Dvornikov, A.S. *see* Ford, J.E. 56319
Dvornikov, A.S. *see* Hunter, S. 63357
Dvornikov, B.D. *see* Baublis, V.V. 59244
Dvornikov, V.A., Kuzmin, I.A. Design and fabrication of high gradient accelerating structure prototype at 36.5 GHz 67083
Dwarakanath, K. *see* Poovamma, P.K. 68681
Dwinell, R. *see* Celata, C.M. 87832
Dwivedi, K.K., Raju, J., Vater, P., Brandt, R. Studies on the fission of heavy ions and particle evaporation using nuclear track detectors 88160
Dwivedi, K.K. *see* Kocsis, Z. 88186
Dwivedi, K.K. *see* Raju, J. 88164
Dwivedi, K.K. *see* Raju, J. 88196
Dwivedi, R. *see* Nayak, M.S. 98144
Dwivedi, R. *see* Upadhyay, H.N. 62459
Dworak, J.A. *see* Falangas, E.T. 77104
Dworak, V. *see* Koschinski, P. 81984
Dworsky, L., Kinsman, R.G. A simple single model for quartz crystal resonator low level drive sensitivity and monolithic filter intermodulation 50155
Dwyer, J.C. *see* Wiltshire, S.L. 90081
Dwyer, J.M. COST telecommunications 65109
Dwyer, R.V. *see* Kaprielian, S.R. 77867
Dwyer, S. *see* Pollock, D. 76653
Dy-Liacco, T.E. On the open road to enhancing the value of control centers to system operation and the utility enterprise 59731
Dy-Liacco, T.E. Modern control centers and computer networking 99489
D'yachenko, A.M. *see* Vikulina, K.I. 52841
Dyadyura, A.M. *see* Volyar, A.V. 94071
Dyadyushkin, D.V. *see* Alifertsev, O.N. 79897
Dyakin, V.A. *see* Akindinov, V.V. 83646
Dyakonov, V. *see* Riess, W. 72626
Dyakov, A.F., Lyubarskii, Yu.Ya., Morzhin, Yu.I., Ornov, V.G., Portnoi, M.G. Intellectual information systems in maintenance control of a power complex 99564
Dyakov, A.F., Mamikonyants, L.G., Savvaitov, D.S. Current problems of electric power systems and equipment in them 77863
D'yakov, A.F. *see* Gorin, V.I. 89626
Dyakowski, T. *see* Etuke, E.O. 87587
Dyatko, N.A., Telegin, V.A., Ferberov, V.L. Chart-plotting of the parameters of the F_2 layer during the period March 16-20, 1988 64150
Dyba, J.J. *see* Goodwin, F.E. 89280
Dyball, S.D. *see* Yuan Guo 92802
Dybdal, K., Hansen, S.L., Thorsen, P., Andreasen, S.B. Gain tilt in erbium doped fiber amplifiers and its consequences for the distortion in AM systems 56729
Dychala, D.H., Bless, P.W., Wahlers, R.L., Stein, S.J. High K thick film and tape material 92648
Dyck, C.Van *see* Van Dyck, C.
Dyck, D.N., Lowther, D.A., Freeman, E.M. Design of electromagnetic devices using sensitivities computed with the adjoint variable method 51040
Dyck, D.N., Lowther, D.A., Freeman, E.M. A method of computing the sensitivity of electromagnetic quantities to changes in materials and sources 83436
Dyck, J.L., Abbott, D.W., Wise, J.A. HCI in multi-crew aircraft 67701
Dyck, O.Van *see* Van Dyck, O.
Dyck, R.E.Van *see* Van Dyck, R.E.
Dyczij-Edlinger, R. *see* Bardi, I. 83433
Dyczij-Edlinger, R. *see* Preis, K. 49681
Dyczij-Edlinger, R. *see* Preis, K. 79738
Dyczu-Edlinger, R. *see* Bardi, I. 51195
Dydyk, M. *see* Reyes, A.C. 80869
Dye, D. *see* Robinson, M. 97247
Dye, N., Granberg, D. Scattering knowledge for low-power amps 91927
Dye, N., Granberg, H. Using RF transistors 49189
Dye, N., Granberg, H. Using RF transistors 57618
Dye, N., Granberg, H. Using RF transistors: Transforming wideband circuits 61968
Dye, N., Granberg, H. Using RF transistors. Compensation terms and networks 80149
Dye, N., Granberg, H. Using RF transistors [RF combiner/splitter configurations] 80573
Dye, S. *see* Arrington, K. 88112
Dye, S. *see* Arrington, K. 98564
Dye, S. *see* Brown, D. 59084
Dye, S.T. *see* Hazen, E. 88227
Dye, S.T. *see* Hazen, E. 98699
Dye, T.E., Wirant, J.A., Kuffey, C.K., Oravsky, J.P. Two spare rectiblocks for three chlor-alkali plants and applying the IEEE 519 60649
Dye-Jyun Ma, Xi-Ren Ao A direct approach to decentralized control of service rates in a closed Jackson network 74672
Dyer, C. Cosmic rays and energetic particle effects 67665
Dyer, C.R. *see* Kutulakos, K.N. 84806
Dyer, C.R. *see* Seitz, S.M. 84711
Dyer, C.R. *see* Seitz, S.M. 96071
Dyer, M.J. *see* Faris, G.W. 94385
Dyer, P.E., Farley, R.J., Giedl, R., Byron, K.C. Amplification of fibre Bragg grating reflectivity by post-writing exposure with a 193 nm ArF laser 72300
Dyer, P.E., Farley, R.J., Giedl, R., Byron, K.C., Reid, D. High reflectivity fibre gratings produced by incubated damage using a 193 nm ArF laser 56368
Dyer, S.A. *see* Harms, B.K. 66094
Dyer, W.W., III *see* Allen, R.W., Jr. 62000
Dyi-Rong Duh *see* Gen-Huey Chen 96286
Dykaar, D.R., Darack, S.B., Knox, W.H. Cross-locking dynamics in a two-color mode-locked Ti:sapphire laser 72749
Dykaar, D.R., Knox, W.H., Lopez, A.S., Darack, S.B. Mode-locking dynamics of a two-color cross-mode-locked femtosecond Ti:Sapphire laser 73113
Dykaar, D.R. *see* Keil, U.D. 63576
Dyke, J. *see* Baggs, R. 76791
Dyke, P.J., Waters, D.B. A review of the technical options for evolving FITL to support small business and residential services 52566
Dykeman, H.D. *see* Doeringer, W.A. 65362
Dykes, A.A. *see* Dykes, R.A. 59667
Dykes, D.M. *see* Clarke, J.A. 87809
Dykes, D.M. *see* Quinn, P.D. 98464
Dykes, D.M. *see* Welbourne, L.A. 87820
Dykes, E.R. An advanced ultrasonic system for BWR vessel weld inspection 77733
Dykes, R.A., Dykes, A.A., Blodgett, J.D. An application of Bayes' theorem to management decision making 59667
Dylla, H.F., Doolittle, L.R., Benesch, J.F. Operating experience with high beta superconducting RF cavities 67053
Dylla, H.F. *see* Rao, M.G. 87931
Dymnikov, A., Hellborg, R. Matrix nonlinear beam dynamics in curvilinear space-time 66903
Dymnikov, A., Hellborg, R. A matrix theory of the motion of an ellipsoidal bunch in a beam control system with rectilinear optical axis and with space charge 87813
Dymnikov, A.A. *see* Khimenko, O.A. 66009
Dymond, J.R. *see* Trotter, C.M. 67767
Dymott, M.J.P., Botheroyd, I.M., Hall, G.J., Lincoln, J.R., Ferguson, A.I. All-solid-state actively mode-locked Cr:LiSAF laser 56666
Dymott, M.J.P. *see* Lincoln, J.R. 82979
Dyn, N. *see* Arad, N. 51668
Dyne, M.Van *see* Van Dyne, M.
Dynes, R.C. *see* Sun, A.G. 82371
Dynowska, E. *see* Kaminska, E. 62528
Dyott, R.B. Composition of LP_{11} modes in elliptically cored fibre 66386
Dyott, R.B. Method for finding true North using a fibreoptic gyroscope 66410
Dyrlund, O., Henningsen, L.B., Bisgaard, N., Jensen, J.H. Digital feedback suppression (DFS). Characterization of feedback-margin improvements in a DFS hearing instrument 59411
Dyrlund, O. *see* Henningsen, L.B. 59410
Dyshkant, A.S. *see* Zapolsky, V.N. 66975
Dyson, C.S., Yauilla, N.C., Kolesar, E.S., Jr. Object imaging with a piezoelectric robotic tactile sensor 58677
Dytlewski, N. *see* Hult, M. 49817
Dytlewski, N. *see* Johnston, P.N. 48992
Dytlewski, N. *see* Ruther, R. 92975
Dyuzhikov, I.N. *see* Grigor'yants, A.V. 73086
Dzahini, D. *see* Bouvier, J. 98673
Dzahini, D. *see* Gingrich, D. 53291
Dzedzy, D. *see* Thomas, J. 78400
Dzemidzic, M. *see* Barakat, M. 98712
Dzengelski, J. *see* Sibley, C. 60308
Dzenus, D. *see* Gieschen, N. 52485
Dzenzersky, V.A. *see* Gorsky, O.I. 82514
Dzergach, A.I. Physics of laser acceleration using plasmoids grating in HF wells 53100
Dzhafarov, T.D., Bairamov, A.R., Novrusov, V.D., Nadzhafov, H.I., Rzakuliev, N.A., Mamedov, N.T. Thin film Cu_2S-CdS and Cu_2S-$Cd_{1-x}Zn_xS$ solar cells 68999
Dzhelyadin, R.I. *see* Grebenev, V.N. 88135
Dzhendubaev, A.-Z.R. Determining the limits of a stable self-excitation region in an asynchronous generator with two stater windings 78631
Dzhendubayev, A.-Z.R. Determination of the boundaries of the stable self-excitation region of an asynchronous generator with two stator windings 54028

Dziatkiewicz, M. ATM burns up internetworking roadblocks 96702
Dzieciuch, M.A. International battery technology overview 78933
Dziedzic, A., Golonka, L.J., Licznerski, B.W., Hielscher, G. Heaters for gas sensors from thick conductive or resistive films 66552
Dziedzic, A. *see* Nitsch, K. 70175
Dzielski, J.E. *see* Helferty, J.P. 95452
Dzieniakowski, M.A. *see* Konoza, S. 100317
Dzikowski, M. A triangular-trapezoidal method of pulse width modulation 95081
Dzikowski, M., Mmoczek, H., Nowacki, Z., Pobiega, L. The microcomputer-based controller for PWM inverter 100314
Dzimianski, J. *see* Lampe, D.R. 61688
Dziong, Z., Mason, L.G. Call admission and routing in multi-service loss networks 58074
Dziuba, R.F. *see* Elmquist, R.E. 86863
Dziuba, R.F. *see* Shields, J.Q. 86892
Dziuban, J., Gorecka-Drzazga, A., Lipowicz, U., Indyka, W., Wosowski, J. Self-compensating piezoresistive pressure sensor 66178
Dziura, T.G. *see* Wang, S.C. 59504
Dziurewicz, P. *see* Janischewskyj, W. 53817
D'Zmura, M. *see* Kakarala, R. 84429
Dzokic, S.Z. *see* Rancic, P.D. 83882
Dzun Luo *see* Luo Dzun
Dzurko, K.M. *see* Osinski, J.S. 83085
Dzurko, K.M. *see* Osinski, J.S. 94509
Dzyadevich, S.V. *see* Shul'ga, A.A. 87310
Dzydevich, S.V. *see* Nyamsi Hendji, A.M. 98139

E Chen Jwu *see* Jwu E Chen
E Cui *see* Cui E
e Moura, A.Machado *see* Machado e Moura, A.
e Silva, E.do Couto *see* do Couto e Silva, E.
e Silva, T.Oliveira *see* Oliveira e Silva, T.
E Zhou *see* Zhou E
E-Liang Chen *see* Pau-Choo Chung 95887
Ea-Ee Jan *see* Qiguang Lin 95255
Eades, J. *see* Horvath, D. 53123
Eades, J. *see* Muller, W. 98421
Eagan, P., Koning, J., Jr., Hoffman, W., III Developing an environmental education program case study: Motorola 90839
Eaglesham, D.J. *see* Charatan, R.M. 79960
Eaglesham, D.J. *see* Gossmann, H.-J. 81422
Eaglesham, D.J. *see* Park, B.G. 62227
Eaglesham, D.J. *see* Poate, J.M. 81198
Eaglesham, D.J. *see* Poate, J.M. 82053
Eakin, J. *see* Jain, V. 62549
Eakin, T.D. *see* Smith, B.W. 81721
Eakins, S. Alternative indication centres can enhance data acquisition 68365
Eam Khwang Teoh *see* Mital, D.P. 95733
Eam Tan Sin *see* Sin Eam Tan
Eansor, T.J. DNN's continuous hot dip galvanizing line 69262
Eargle, J.M. *see* Gelow, W.J. 97720
Earis, J.E. *see* Jamieson, G. 66121
Earle, G. *see* Szuszczewicz, E.P. 83662
Early, D. *see* Long, D.G. 88822
Early, E.A., Steiner, R.L., Clark, A.F., Char, K. Evidence for parallel junctions within high-T_c grain-boundary junctions 93954
Early, K., Arnold, W.H. Cost of ownership for soft-X-ray projection lithography 62580
Early, K., Arnold, W.H. Cost of ownership for X-ray proximity lithography 81585
Early, K. *see* Lee, K.F. 62856
Early, R. *see* Raubenheimer, T.O. 76339
Early, R. *see* Vlieks, A.E. 67011
Early, R.A., Raubenheimer, T.O. Computer studies of a combined-function bend magnet for a proposed redesign of the SLAC SLC damping rings 76693
Easley, M.D. *see* Chartier, V.L. 89317
Easo, S. *see* Adam, A. 88087
Easo, S. *see* Adam, A. 88102
Easo, S. *see* Adriani, O. 88023
Easo, S. *see* Ambrosi, G. 53302
Eason, D.B., Hughes, W.C., Ren, J., Riegner, M., Yu, Z., Cook, J.W., Jr., Schetzina, J.F., Cantwell, G., Harsch, W.C. High-brightness green light-emitting diodes 72622
Eason, D.B., Yu, Z., Boney, C., Ren, J., Churchill, L.E., Cook, J.W., Jr., Schetzina, J.F., El-Masry, N.A. Quaternary II-VI alloys for blue and green light emitting diode applications 72634
Eason, D.B. *see* Ren, J. 56569
Eason, D.B. *see* Ren, J. 69943
Eassom, R.J. Practical implementation of a HF digital receiver and digital transmitter drive 97016
East, G. *see* Deis, G. 87958
East, G. *see* Ellison, M. 66909
East, G. *see* Heim, J. 88070
East, G. *see* Li, D. 98409
East, G. *see* Liu, J.Y. 98399
East, G. *see* Syphers, M.J. 66966
East, G. *see* Wang, Y. 66910
East, G.H. *see* Smith, B.A. 82465
East, J. *see* Karakucuk, M. 61950
East, J. *see* Karakucuk, M. 80720
East, J. *see* McGregor, D.S. 71106
East, J.R. *see* Chen, W.L. 62717
East, J.R. *see* Trong-Huang Lee 55391
East, J.R. *see* Trong-Huang Lee 80835
East, J.R. *see* Trong-Huang Lee 92570
Eastham, A.R. *see* John, G. 100868
Eastham, A.R. *see* Zhenning Liu 83496
Eastham, J.F., Hill-Cottingham, R.J., Leonard, P.J. Comparison of the use of simple space transient and finite element analysis for linear induction motor calculation 89932
Eastham, J.F. *see* Akmese, R. 90027
Eastham, J.F. *see* Balchin, M.J. 78603
Eastham, T.R. *see* Changan Lu 90006
Eastham, T.R. *see* Hanrong Fan 90601
Eastham, T.R. *see* Lu, C. 68593
Eastham, T.R. *see* Zhang, Z. 68595
Eastman, L.F. *see* Burm, J. 75981
Eastman, L.F. *see* Chen, Y.-P. 54886
Eastman, L.F. *see* Chin-Yi Tsai 83166
Eastman, L.F. *see* Lee, C.Y. 58763
Eastman, L.F. *see* Lee, C.Y. 71605
Eastman, L.F. *see* LeTran, T.T. 62301
Eastman, L.F. *see* Litvin, K. 65860
Eastman, L.F. *see* Schaff, W.J. 62904
Eastment, J. *see* Hua Li 52631
Eastment, J.D. *see* Goddard, J.W.F. 52634
Easton, R.L. *see* Ninkov, Z. 66474
Easton, R.L., Jr. SIGNALS: interactive software for one-dimensional signal processing 69414
Eastwick-Field, V. *see* Gardner, J.W. 55024
Eastwood, M. *see* Niblack, C. 58857
Eaten, L. *see* Jachim, S.P. 67230
Eatock, F. *see* Rashid, E. 92286
Eaton, B. A case for three-coil proximity sensors 75905
Eaton, G.H., Scott, C.A., Williams, W.G. Development of the pulsed muon facility at ISIS 76399
Eaton, G.H. *see* Nagamine, K. 76398
Eaton, L.E. *see* Ziomek, C.D. 76516
Eaton, R.P. *see* Petropoulos, H. 74420
Eaton, W.P., Risbud, S.H., Smith, R.L. Silicon wafer-to-wafer bonding at T<200°C with polymethylmethacrylate 71266
Eatough, M.O. *see* Tuttle, B.A. 56120
Eaves, L. *see* Evans, H.B. 62674
Eaves, L. *see* Fromhold, T.M. 62670
Eaves, L. *see* Fromhold, T.M. 81796
Eaves, L. *see* Geim, A.K. 93518
Eaves, L. *see* Hayden, R.K. 55868
Eaves, L. *see* Martin, P.M. 62671
Eaves, L. *see* Maude, D.K. 62271
Eaves, L. *see* Sakai, J.W. 55867
Eaves, L. *see* Shigekawa, N. 71618
Eaves, L. *see* Wang, J. 71590
Eaves, L. *see* Wang, J. 81782
Ebara, M. *see* Ohkoda, T. 86803
Ebberg, A., Stoll, L., Drogemuller, K., Heurman, M. An OFDM cross-connect demonstrator for flexible optical networks 86403
Ebbers, C.A. *see* Velsko, S.P. 63702
Ebbeson, G.R. *see* Thomson, D.J. 97449
Ebbingbaus, G. *see* Bauer, J.G. 72605
Ebbini, E. *see* Hand, J.W. 98939
Ebbini, E.S., Pai-Chi Li, Jian Shen A new SVD-based optimal inverse filter design for ultrasonic applications 99360
Ebbini, E.S. *see* Seip, R. 88537
Ebbini, E.S. *see* Seip, R. 98791
Ebbini, E.S. *see* VanBaren, P. 98938
Ebeling, C. *see* Hauck, S. 92028
Ebeling, C. *see* Lockyear, B. 80210
Ebeling, J.A. A qualitative analysis of inlet air cooling alternatives for combustion turbine capacity enhancement 89637
Ebeling, K.J. *see* Fiedler, U. 72970
Ebeling, K.J. *see* Fiedler, U. 97230
Ebeling, K.J. *see* Fricke, A. 71210
Ebeling, K.J. *see* Moller, B. 83095
Ebeling, K.J. *see* Moller, B. 83157
Ebeling, T. *see* Farquharson, S. 49039
Ebeling, W. *see* Nagele, M. 63982
Ebenezer, D., Papa, F.F. A recursive digital differentiator for ECG preprocessing 67586
Eberhard, J.W. *see* Copley, D.C. 49035
Eberhardt, A.C., Chassaing, C.E., Inderbitzen, R.S., Wieting, D.W. Acoustic evaluation of progressive failure in BSCC heart valves 77069
Eberhardt, H.D. *see* Hartmann, W. 60509
Eberhardt, R. *see* Demierre, E. 86390
Eberhardt, W. *see* Colbow, K.M. 93072
Eberhart, R.C. *see* Jochem, W.J. 75867
Eberl, K. *see* Shitara, T. 70009
Eberle, B. *see* Scherer, G.B. 98911
Eberle, G., Dehlin, B., Eisenmenger, W. Time development of multiple polarization zones in PVDF 93737
Eberle, H. Data encryption at 1 Gbit/s 61744
Eberly, D.H. *see* Fritsch, D.S. 57678
Ebersberger, G. *see* Durselen, A. 52679
Ebersole, C.E. *see* Beauchemin, B.T., Jr. 81663
Eberspacher, C. *see* Gay, C.F. 78271
Eberspacher, C. *see* Knapp, K.E. 100706
Ebert, C.W., Peticolas, L.J., Reynolds, C.L., Jr., Vuong, H.H. Improvement in molecular-beam epitaxy machine reliability using preventive maintenance 61238
Ebert, G.L. *see* Baker, R.D. 79514
Ebert, J.A. Criteria for reliable dual voltage power transformers 90082
Ebert, W., Vescan, A., Borst, T.H., Kohn, E. High current p/p^+-diamond Schottky diode 81768
Ebert, W., Vescan, A., Kohn, E. General diamond Schottky-barrier diode mode from locus diagram analysis 81767
Ebhinghaus, G. *see* Cremer, C. 86019
Ebihara, D. *see* Watada, M. 53454
Ebihara, K. *see* Jia, Q.X. 62657
Ebihara, K. *see* Kishiro, J. 66800
Ebiike, Y. *see* Nakagawa, K. 61977
Ebina, K., Yokozawa, T., Yamaguchi, S., Kanazawa, H., Hara, B., Mine, Y., Komatsu, K., Saito, H. A new kinetic model for assessing the performance of advanced CO_2 gasdynamic lasers 56610
Ebina, Y. *see* Miki, T. 81265
Ebinuma, Y., Kubota, Y., Kawai, J., Fujiwara, Y. Discussion on measurement method of insulation diagnosis for 22 kV XLPE cable 59945
Ebinuma, Y. *see* Ohno, H. 78122
Ebisawa, T. *see* Shimizu, H.M. 98548
Ebisawa, Y. Improved video-based eye-gaze detection method 98852
Ebisawa, Y. *see* Kojima, S. 95866
Ebisu, H. *see* Hamada, K. 93981
Ebisu, H. *see* Isono, T. 82466
Ebisu, H. *see* Nakajima, H. 72261
Ebisu, H. *see* Nishi, M. 72260
Ebisutani, T. *see* Zhu, Z. 69998
Ebleling, C. *see* Hauck, S. 70441
Ebmeier, K.P. *see* Glabus, M.F. 53433
Ebner, F. *see* Stollberger, R. 88475
Ebner, W., Fouchard, D., Xie, L. The $LiNiO_2$/carbon lithium-ion battery 90357
Ebong, A. *see* Honsberg, C.B. 100577
Ebong, A. *see* Zhao, J. 100728
Ebrahimi, F. *see* Stinson, W. 51977
Ebrahimzadeh, M. *see* Reid, D.T. 63954
Ebrahimzadeh, M. *see* Reid, D.T. 63983
Ebskamp, F. *see* Petersen, A.K. 58379
Ebskamp, F. *see* Petersen, A.K. 61952
Ebskamp, F. *see* Petersen, A.K. 86505
Ebskamp, F. *see* Xiupu Zhang 50943
Ebuchi, N. Directional distribution of wind vectors observed by ERS-1/AMI scatterometer 77378
Ebuchi, N., Kawamura, H., Toba, Y. Physical processes of microwave backscattering from laboratory wind-wave surfaces 77439
Eby, R.K. *see* Johnston, S.A. 54993
Eccles, C.D., Crozier, S., Roffman, W., Doddrell, D.M., Back, P., Callaghan, P.T. Practical aspects of shielded gradient-coil design for localised in vivo NMR spectroscopy and small-scale imaging 59348
Eccles, D. *see* Zavody, A.M. 77449
Eccles, M. Power switching in SM packaging 48700
Eccles, M. Measuring pulses digitally 55319
Eccles, M. Applying Hall to good effect 62648
Eccles, M. Applying crystals 80164
Eccles, M. Switches for lighting 80955
Eccleston, B. *see* Zhang, J.F. 55987
Eccleston, W. *see* Yuan, X.-J. 71221
Ece, M., Habermeier, H.U., Oral, B., Hofmann, S. Superconducting films on diamond by pulsed laser deposition 70131
Ece, M. *see* Oral, B. 70093
Ecelberger, S.A. *see* Bryden, W.A. 54878
Ecelberger, S.A. *see* Bryden, W.A. 70075
Echave, M.A. *see* Moss, C.E. 88318
Echave, M.K. *see* Moss, C.E. 98615
Echert, D.C. *see* Coon, M.D. 88823
Echigo, H. *see* Minegishi, S. 73397
Echigoya, K. *see* Soeda, K. 61704
Eck, J.A. *see* Clark, T.E. 52933
Eck, J.L.Van *see* Van Eck, J.L.
Eckardt, R.C. *see* Serkland, D.K. 73060
Eckardt, V. *see* Alber, T. 98500
Eckart, D.W. *see* Dubey, M. 54829
Eckart, R. *see* David, B.R. 56281
Eckberg, A.E. Achieving control architecture flexibility in multi-vendor networking architectures 85774
Eckelmann, P. The challenge of 3.3 V supply voltage integrated circuits 55174
Eckelmann, P. Static RAMs of synchronous burst type for cache memories operated on 3.3 V supplies 80342
Ecker, B. *see* Schalkhammer, T. 66511
Ecker, H.A., Wall, W.E. The status of interoperability on fiber coax networks 85773
Ecker, W., Glesner, M., Vombach, A. Protocol merging: a VHDL-based method for clock cycle minimizing and protocol preserving scheduling of IO-operations 96217
Eckerle, M., Chakari, A., Meyrueis, P. Theoretical aspects of experimental mode coupling analysis in optical waveguides 87259
Eckerling, P.H. *see* Needham, B.R. 67734
Eckersall, K.R. *see* Collins, P. 91926
Eckersall, K.R. *see* Yu, S. 55148
Eckert, A.C. *see* Morrison, D.P. 75573
Eckert, C. *see* Cunin, B. 50157
Eckert, D., Sievert, J. On the calibration of vibrating sample magnetometers with the help of nickel reference samples 53025

Eckert, D. *see* Bo-Ping Hu 72019
Eckert, D. *see* Handstein, A. 50199
Eckert, D. *see* Handstein, A. 72182
Eckert, D. *see* Muller, K.-H. 72181
Eckert, D. *see* Wendhausen, P.A.P. 50200
Eckert, D. *see* Wendhausen, P.A.P. 72184
Eckert, P. *see* Lepley, T. 100004
Eckert, R.C. Report on Common Modular Architecture (CMA) for the embedded GPS receiver 65995
Eckert, S., O'Callaghan, K. Fusing power and reliability 78070
Eckert, W. *see* Brenner, K.-H. 72526
Eckes, U. *see* Tantolin, C. 54498
Eckhardt, H. Superconductivity: on the way to concrete applications 78134
Eckholdt, H.J. *see* Jensen, J.P. 59991
Ecklund, W.L. *see* Rogers, R.R. 88779
Eckoldt, H.J., Gode, W.D. Switched mode power supplies in the HERA proton ring 60313
Eckroth, K.v. *see* v. Eckroth, K.
Eckstein, J.N. *see* Bozovic, I. 54857
Ecoffet, R. *see* Duzellier, S. 70465
Ecoffet, R. *see* Duzellier, S. 70474
Ecoffet, R. *see* Underwood, C.I. 70492
Economides, A.A. Hierarchical resource sharing. NCP and VIP formulation 74681
Economides, N. A monopolist's incentive to invite competitors to enter in telecommunications services 96296
Economikos, L., Interrante, M. Wire add for repairing thin-film opens 49723
Economikos, L., Morrison, T., Crnic, F. Electrical test of multichip substrates 54484
Economikos, L. *see* Seaman, M.E. 79439
Economou, E. *see* Mastichiadis, T. 96665
Economou, M. Rework system selection 92778
Economou, N.A. *see* Dimitriadis, C.A. 56009
Economou, N.A. *see* Dimitriadis, C.A. 62145
Economou, N.A. *see* Dimitriadis, C.A. 81875
Economou, N.A. *see* Haji, L. 49770
Economou, N.A. *see* Stoemenos, J. 81396
Ector, H. *see* Aubert, A.E. 98910
Eda, A. *see* Suzuki, K. 94432
Edagawa, N. *see* Suzuki, M. 65832
Edagawa, N. *see* Suzuki, M. 75420
Edagawa, N. *see* Taga, H. 52554
Edagawa, N. *see* Taga, H. 75463
Edagawa, N. *see* Taga, H. 86447
Edagawa, N. *see* Taga, H. 86448
Edagawa, N. *see* Taga, H. 97254
Edamura, T., Muto, J. Preparation and characterization of pulse-plating electrodeposited $CuInSe_2$ thin films 79889
Edberg, D., von Flotow, A., Cha, P., Fisher, B., Gann, L., Roe, A., Soberg, J. Ground-testing of a microgravity isolation system 99058
Edberg, D.L. *see* Wu, S.Y. 71897
Edberg, T.K. *see* Weiss, S.C. 59088
Eddin, Z., Kasilov, V.F. The aerodynamics of steam-turbine LP-cylinder hoods 89633
Eddins, S.L. Three-component image compression with frequency-weighted texture coding and edge modeling 85027
Eddins, S.L. *see* Bamberger, R.H. 74409
Eddlemon, D. Simulate laser-trimmed resistors with SPICE 49683
Eddy, C., Jr. *see* Dobisz, E.A. 81599
Eddy, C., Jr. *see* Shirey, L.M. 81598
Eddy, C.R., Jr. *see* Chu, W. 49927
Edelson, G.S., Tufts, D.W. Passive localization using a spatially-referenced towed array 99261
Edelstein, D. *see* Paraszczak, J. 93255
Edelstein, R. *see* Russ, J. 59135
Eden, J.G. *see* Funk, D.S. 94424
Eden, J.G. *see* Knecht, B.A. 82908
Eden, J.R. *see* Furman, M.A. 87865
Eden, R.C. Capabilities of normal metal electrical interconnections for 3-D MCM electronic packaging 79379
Eden, R.C. *see* Schaefer, D.A. 90997
Edenhofer, P. *see* Noll, J. 57282
Eder, D.C., Amendt, P., DaSilva, L.B., London, R.A., MacGowan, B.J., Matthews, D.L., Penetrante, B.M., Rosen, M.D., Wilks, S.C., Donnelly, T.D., Falcone, R.W., Strobel, G.L. Table-top X-ray lasers 63677
Eder, H. *see* Manser, H. 69404
Eder, W.E. Developments in education for engineering design: some results of 15 years of Workshop Design-Konstruktion activity in the context of design research 60904
Ederer, D.L. *see* Haass, M. 88287
Edgar, G.K., Pope, J.C.D., Craig, I.R. Visual accommodation problems with head-up and helmet-mounted displays? 99086
Edgar, J. *see* Honary, B. 65136
Edgar, T.F. *see* Badgwell, T.A. 93553
Edgar, T.F. *see* Breedijk, T. 62357
Edgar, T.F. *see* Huang, Y.L. 81499
Edgar, T.F. *see* Toprac, A.J. 61384
Edgcombe, C.J., Waldram, J.R. Microwave measurements on high-temperature superconductors 53043
Edgecock, R. *see* McMahon, T. 88003
Edgecock, R. *see* McMahon, T. 88013
Edgington, F. Preparing for in-service video measurements 66056
Edgley, D.S. *see* Ahmed, F.M. 72015
Edgley, D.S. *see* Ahmed, F.M. 82249
Edholm, B. *see* Soderbarg, A. 93111
Edholm, M. *see* Lundberg, D. 65192
Edholm, P. *see* Magnusson, M. 59314
Edholm, P. *see* Magnusson, M. 59333
Edholm, P.R. *see* Carlsson, P.E. 59316
Edholm, P.R. *see* Dale, S.M. 59300
Edighoffer, J.A. *see* Leemans, W.P. 50915
Edimo, M., Rigoland, P., Terret, C. Wideband dual polarised aperture-coupled stacked patch antenna array operating in C-band 73556
Edirisooriya, G. *see* Edirisooriya, S. 74706
Edirisooriya, S., Edirisooriya, G. Distributed termination on a hypercube 74706
Ediriweera, R. *see* Unsworth, J. 91651
Edjeou, A., Lemur, D., Bertel, L., Cole, D. First analysis of ionospheric tilts and their effects observed with a HF goniopolarimeter 94825
Edler, F. *see* Singh, Y.P. 66712
Edley, C. *see* MacQuarrie, D.J. 99392
Edmaier, B. Protection mechanisms in ATM networks 85361
Edman, K., Dawson, R., Milton, B., Stevenson, N. Operation of the TR30 "industrial" cyclotron 76306
Edmonds, R.F., Jr., Garstang, J.H., Kluttz, D.E., Herbert, P.K. Application of the British Gas/Lurgi fixed-bed gasification process in the US DOE clean coal five program 78464
Edmondson, B. Safety and licensing issues 89472
Edmondson, M. *see* Alexiev, D. 49863
Edmonson, P.J., Campbell, C.K., Smith, P.M. Periodic pulse generator employing a driven unlocked surface acoustic wave oscillator 61601
Edmonson, P.J., Smith, P.M., Campbell, C.K. SAW injection locked oscillators: dynamic behaviour and application to neural networks 93826
Edner, H., Johansson, J., Svanberg, S., Wallinder, E. Fluorescence lidar multicolor imaging of vegetation 59589
Edris, A. *see* Nyati, S. 68065
Edry, D., Ben-Yaakov, S. Capacitive-loaded push-pull parallel-resonant converter 54076
Edry, D., Ben-Yaakov, S. Dynamics of the capacitive-loaded push-pull parallel-resonant converter: investigation by a SPICE compatible average model 61545
Edry, D., Hadar, M., Mor, O., Ben-Yaakov, S. A SPICE compatible model of tapped-inductor PWM converters 61543
Edstam, J., Olsson, H.K. Integrated high-T_c microstrip resonators and components in the frequency range 50-1000 GHz 50420
Edstam, J., Olsson, H.K. Mutual phase locking of two high-T_c Josephson junctions from 0.2 to 1 THz 56241
Edstam, J., Olsson, H.K. Josephson broadband spectroscopy to 1 THz 56262
Edstam, J. *see* Olsson, H.K. 58954
Edvold, B., Andersen, P.E., Buchhave, P., Petersen, P.M. Polarization properties of a photorefractive $Bi_{12}SiO_{20}$ crystal and their application in an optical correlator 64826
Edwall, D.D. *see* Kozlowski, L.J. 66492
Edwards, B. Developing a successful network disaster recovery plan 96663
Edwards, B.C. *see* Moss, C.E. 88318
Edwards, B.C. *see* Moss, C.E. 98615
Edwards, C. *see* Dixon, S. 99378
Edwards, C. *see* van Kann, F.J. 50402
Edwards, C.A., II, Galloway, R.L., Jr. A single-point calibration technique for a six degree-of-freedom articulated arm 67598
Edwards, C.B. *see* Lister, J.M.D. 63668
Edwards, C.D. *see* Wilson, B.D. 73330
Edwards, D. *see* Lamson, M. 91066
Edwards, D. *see* Moosa, Z. 91742
Edwards, D.A. *see* Syphers, M.J. 66880
Edwards, D.J. *see* Jenkins, A.P. 52454
Edwards, D.J. *see* Street, A.M. 95473
Edwards, D.K. *see* Fuehrer, P.L. 99207
Edwards, D.K. *see* Payne, G.A. 99206
Edwards, D.W. *see* Redl, R. 68792
Edwards, F., Schulz, M. Performance of VBR packet video communications on an Ethernet LAN: a trace-driven simulation study 74885
Edwards, G., Sanker, R. A new hand-off algorithm using fuzzy logic [micro-cellular environment] 86163
Edwards, G. *see* Becker, K. 56439
Edwards, G. *see* Johnson, J.B. 58859
Edwards, G. *see* Toure, A. 59592
Edwards, G.P. *see* Magill, D.T. 52322
Edwards, H. *see* Kirchgessner, J. 67104
Edwards, H.L., Markert, J.T., de Lozanne, A.L. Surface structure of $YBa_2Cu_3O_{7-x}$ probed by reversed-bias scanning tunneling microscopy 63287
Edwards, H.T. Progress report on the TESLA test facility 66995
Edwards, J.A. High reliability in spacecraft computer systems 59439
Edwards, J.A. *see* Keene, M.N. 72242
Edwards, J.B. *see* Markum, A.D. 58854
Edwards, J.K. HF signal fading may not always be Rayleigh: both fading and transmission loss are greatly influenced by practical transmitting and receiving antennas 94829
Edwards, K.A., Rizk, M.S., Grattan, K.T.V. Real-time computer controlled backscatter measurement of optical fibres 94067
Edwards, M., Forrest, J. A development environment for the cosynthesis of embedded software/hardware systems 49086
Edwards, M. *see* Bateman, J.E. 88015
Edwards, M. *see* Beaumont, S.P. 88037
Edwards, M. *see* Davis, R. 99144
Edwards, M.D. A generic hardware architecture to support the system level synthesis of digital systems 61458
Edwards, M.J. *see* Brotherton, S.D. 79915
Edwards, P. *see* Hill, D. 74484
Edwards, P.J. *see* Cheung, W.N. 55044
Edwards, P.J. *see* Hamilton, A. 49605
Edwards, R. *see* Ackmann, P. 69544
Edwards, R. *see* Ackmann, P. 71511
Edwards, R.L. *see* Lehtonen, S.J. 55430
Edwards, R.M. *see* Ramaswamy, P. 89527
Edwards, R.T., Godfrey, M.D. An analog wavelet transform chip 61826
Edwards, S. *see* Tobar, M.E. 55379
Edwards, S.L. Political aspects of the introduction of DAB in North America 97572
Edwards, T. *see* Jyhfong Lin 95408
Eeckman, F. *see* Lades, M. 85067
Eek, L.-O. *see* Adam, W. 88114
Eek, L.Owe *see* Owe Eek, L.
Eekelen, J.van *see* van Eekelen, J.
Eekels, J. The engineer as designer and as a morally responsible individual 60897
Eem Jae Kwon *see* Jae Kwon Eem
Eerola, V. *see* Ritoniemi, T. 97731
Efendiev, T.Sh. *see* Katarkevich, V.M. 82956
Effelsberg, W. *see* Keller, R. 57994
Effelsberg, W. *see* Keller, R. 65399
Effelsberg, W. *see* Meyer, T. 96439
Effenberger, F.J., Dixon, G.J. Gradient-index-mirror solid-state lasers 83001
Effros, M., Chou, P.A., Gray, R.M. Variable dimension weighted universal vector quantization and noiseless coding 57884
Efimov, I.O. *see* Oltra, R. 76220
Efimov, S., Gladkikh, P., Grigor'ev, Yu., Guk, I., Karnaukhov, I., Kozin, V., Kononenko, S., Likhachev, V., Markov, V., Mocheshnikov, N., Moskalenko, V., Mytsykov, A., Popkov, Yu., Shcherbakov, A., Strelkov, M., Tarasenko, A., Telegin, Yu., Zelynsky, A., Nagaenko, M., Severgin, Yu. Current status of the design of the Kharkov pulse stretcher ring PSR-2000 76546
Efimov, S. *see* Androsov, V. 76390
Efimov, S. *see* Bar'yakhtar, V. 67407
Efimov, V.M. Equations for finding asymptotically optimal filters 57445
Efimov, Yu.N. *see* Bespalov, V.G. 56888
Efland, T. Lateral DMOS structure development for advanced power technologies 50019
Efland, T., Malhi, S., Bailey, W., Oh Kyong Kwon, Wai Tung Ng, Torreno, M., Keller, S. An optimized RESURF LDMOS power device module compatible with advanced logic processes 61660
Efland, T., Marshall, A., Skelton, D., Summerlin, T. Safe operating area testing 50020
Efland, T. *see* Natarajan, S. 50097
Efrat, I., Tismenetsky, M., Webman, I., Rubin, B. Highly optimized and robust calculation of signal propagation parameters in electronic packages 91037
Efremenko, Y. *see* Arrington, K. 88112
Efremenko, Y. *see* Arrington, K. 98564
Efremenko, Y. *see* Young, K.G. 76765
Efremenko, Yu.V. *see* Akimov, V.A. 53286
Efremides, S. *see* Okkalides, D. 88447
Efremov, A., Kutner, V.B., Pivarc, J., Lebedev, A.N., Chugreev, V.A. The ECR ion source DECRIS 53158
Efremov, A.M. *see* Abdullin, I.N. 54072
Efremov, V.K. *see* Lyamets, Yu.Ye. 78221
Efron, A. *see* Kim, S.R. 84422
Efron, A.J., Han, L.C. Wide-area adaptive active noise cancellation 74018
Efron, A.J., Jeen, H. Detection in impulsive noise based on robust whitening 64510
Efron, U. *see* Javidi, B. 57660
Efron, U. *see* Marchand, P.J. 50624
Efstathiou, C., Nikolos, D., Kalamatianos, J. Area-time efficient modulo 2^n-1 adder design 80238
Efstathiou, D., Fines, P., Aghvami, A.H. Preamble-less non-decision-aided (NDA) techniques for 16-QAM carrier phase recovery and gain error correction, for burst transmissions 83922
Eftekhari, G. The electrical properties of sulfur-passivated and rapidly thermally annealed GaAs metal-oxide-semiconductor structures with the oxide layer grown anodically 71249
Efthymiopoulos, I. *see* Ariztizabal, F. 98518
Eftimov, T.A. *see* Bock, W.J. 76025
Eftimov, T.A. *see* Bock, W.J. 76048
Eftimov, T.A. *see* Bock, W.J. 76049
Egalon, C.O. *see* Albin, S. 58802
Egami, M. *see* Nagao, M. 60325
Egami, N. *see* Yamagishi, T. 86717
Egami, T., Okabayashi, S. Disturbance suppression control with preview action for a linear DC brushless motor 54042
Egan, A. *see* Phelan, P. 50723
Egan, R.J., Chin, V.W.L., Tansley, T.L. Growth, morphology and electrical transport properties of MOCVD-grown p-InSb 79852

Egan-Krieger, G.v. *see* v. Egan-Krieger, G.
Egardt, B. *see* Kubin, G. 84315
Egashira, K. *see* Matsumoto, T. 71304
Egashira, N. *see* Yoshida, A. 93132
Egashira, S., Tanaka, T., Sakitani, A. A design of AM/FM mobile telephone triband antenna 57233
Egashira, S. *see* Tanaka, T. 75218
Egashira, Y. *see* Kato, M. 75963
Egawa, H. *see* Mori, S. 70518
Egawa, H. *see* Sakagami, E. 61697
Egawa, K., Nezu, S., Senu, T., Morimura, Y., Goto, A., Ito, H. Insulator cleaning equipment 78174
Egawa, M., Ikoma, H. Effect of surface treatments after HF etching on oxidation of Si 49877
Egawa, M. *see* Sano, A. 50262
Egawa, S. *see* Niino, T. 57062
Egawa, T., Hasegawa, Y., Jimbo, T., Umeno, M. Room-temperature pulsed operation of AlGaAs/GaAs vertical-cavity surface-emitting laser diode on Si substrate 72846
Egawa, T., Jimbo, T., Umeno, M. Low-threshold AlGaAs/GaAs vertical-cavity surface-emitting laser on Si substrate at 300 K 94516
Egawa, T. *see* Hasegawa, Y. 63762
Egawa, T. *see* Mingju Yang 60477
Egawa, T. *see* Mingju Yang 100447
Egawa, T. *see* Umeno, M. 100686
Egawa, Y., Inoue, H., Yasuda, H., Suzuki, Y., Iwasa, S., Kawasaki, A. Device characteristics of 0.1 μm MOSFET with RONO (reoxidized nitrided oxide) gate dielectrics 93424
Egawa, Y. *see* Yamashita, H. 97663
Egbert, D. *see* Hardie, C. 72146
Egecioglu, O., Kaya Koc, C. Exponentiation using canonical recoding 73630
Eged, B., Bajor, P., Novak, I. Correction of time domain measurement data of vector network analyzers 97828
Eged, B., Mernyei, F., Novak, I., Bajor, P. Reduction of far-end crosstalk on coupled microstrip PCB interconnects 92696
Eged, B. *see* Novak, I. 70976
Egeland, T. *see* Solberg, R. 77208
Egelhoff, W.G., Haklisch, C.S. Strategy, size of firm, and the use of technical alliances: an exploratory study 90868
Egeni, G.P. *see* Calabrese, R. 76741
Eger, D., Oron, M., Katz, M., Zussman, A. Highly efficient blue light generation in KTiOPO$_4$ waveguides 63440
Eger, D. *see* Sarusi, G. 82824
Eger, J.M. *see* Gattas, J.M. 96382
Eggemann, R. *see* Weich, K. 56889
Eggenhoffner, R. *see* Bellingeri, E. 53047
Eggenhuisen, H.H., de Lang, D., Gardien, P. Interactive multi-media services 97705
Egger, J.-P. *see* Horvath, D. 53123
Egger, P. *see* Gieser, H.A. 79483
Egger, P. *see* Russ, C. 81856
Egger, P. *see* Verhaege, K. 82011
Egger, U. *see* Herzog, L. 81450
Eggerding, C. *see* Rao, V. 92851
Eggermont, J.P. *see* Gentinne, B. 93647
Eggers, H. Software technology for a distributed telecommunication system 75152
Eggers, P. *see* Andersen, J.B. 86113
Eggert, B., Karstadt, B. Study of asymmetrical three-phase supplies with loaded intermediate circuits 68016
Eggert, J.R. *see* Harman, W.H. 77203
Eggert, J.R. *see* Wyschogrod, D. 77207
Eggington, W.J., Stevens, P.M. The Cyclocraft and its applications 88709
Eggleton, B.J., Krug, P.A., Poladian, L., Ahmed, K.A., Liu, H.-F. Experimental demonstration of compression of dispersed optical pulses by reflection from self-chirped optical fiber Bragg gratings 63387
Eggleton, B.J., Krug, P.A., Poladian, L., Ouellette, F. Long periodic superstructure Bragg gratings in optical fibres 82590
Eggleton, B.J. *see* Hill, P.C. 72303
Eggleton, J.J. *see* Nche, C.F. 86703
Egi, T. *see* Hase, T. 63328
Egi, T. *see* Shibutani, K. 63326
Egiazarian, K.O., Agaian, S.S., Gevorkian, D.Z., Astola, J.T. Decompositional algorithm for running stack filtering 64416
Egilsson, T., Gislason, H.P., Yang, B.H. Passivation of copper by lithium in p-type GaAs 81501
Egiyan, K. *see* Zorn, C. 88099
Eglash, S.J. *see* Brown, E.R. 62659
Eglash, S.J. *see* Choi, H.K. 56747
Eglen, S.J. *see* Walker, N.P. 57655
Egli, S. *see* Gabathuler, K. 59070
Egloff, R. *see* Baumgart, H. 93082
Egloff, R. *see* Merchant, S. 55973
Egolf, D.W., Flechsig, A.J. Harmonics—transformer derating 68693
Egorov, A.M. *see* Antonov, A.N. 92465
Egorov, A.V., Ershov, M.S. Reconstruction of the law of distribution of probabilities for power loads using rated factors 59842
Egorov, A.V. *see* Men'shov, B.G. 77865
Egorov, A.V. *see* Salk, M. 69918
Egorov, A.Yu., Zhukov, A.E., Kop'ev, P.S., Ledentsov, N.N., Maksimov, M.V., Ustinov, V.M. Growth of (In,Ga)As/GaAs quantum-well heterostructures through the deposition of "submonolayer" strained InAs layers 54910
Egorov, A.Yu., Zhukov, A.E., Kop'ev, P.S., Ledentsov, N.N., Maksimov, M.V., Ustinov, V.M. Effect of deposition conditions on the formation of (In,Ga)As quantum clusters in a GaAs matrix 91449
Egorov, A.Yu. *see* Ledentsov, N.N. 91450
Egorov, N.N. *see* Shepelevich, V.V. 83253
Egorov, S.A., Ershov, Yu.A. A high-frequency modulated injection laser optical-fiber sensor 66388
Egorov, S.A., Likhachiev, I.G., Mamaev, A.N., Polyantsev, A.S. Signal recovering in fiber optic sensors based on nonlinear FMCW technique 98044
Egorov, V.S. *see* Vasil'ev, V.V. 72667
Egorova, L.E., Roslyakov, P.V., Burkova, A.V., Chung Beijing Mathematical simulation and calculation of emissions of toxic combustion products from fossil fuels 89629
Egorova, L.E. *see* Roslyakov, P.V. 89679
Egozy, E. *see* DeHon, A. 52134
Eguchi, H. *see* Ishikawa, H. 70723
Eguchi, M., Kokubo, F., Tanaka, S., Yao, K. Active noise control technology 64419
Eguchi, M., Koshiba, M. Accurate finite-element analysis of dual-mode highly elliptical-core fibers 63369
Eguchi, M. *see* Kyung-Woo Yi 54811
Eguchi, M. *see* Nishiyama, T. 70445
Eguchi, N., Yamamoto, M., Endo, K., Konishi, S., Morita, T. Control system for self-commutated static VAr compensators with unbalanced-load compensation 77966
Eguchi, T., Azuma, A., Mizushima, I., Mitani, Y., Shiozawa, J., Toyoshima, Y., Hashimoto, K. New dual gate doping process using in-situ boron doped-Si for deep sub-μm CMOS device 93420
Eguchi, T., Freeman, L. Double scan playback — a novel technique for increasing the error-handling capability in digital VTRs 66071
Eguchi, T. *see* Yamamura, Y. 69173
Eguchi, Y. *see* Kawamura, T. 57344
Eguchi, Y. *see* Shimizu, H.M. 98548
Egusa, S., Miura, A., Gemma, N., Azuma, M. Carrier injection characteristics of organic electroluminescent devices 63585
Eguti, I. *see* Kondou, T. 65638
Ehara, H. *see* Suma, S. 85958
Ehara, M. *see* Tadakuma, S. 90572
Ehara, N., Sasase, I., Mori, S. Weak radar signal detection based on wavelet transform 65875
Ehara, S. *see* Jinguuji, M. 77212
Ehiers, H. *see* Dietrich, E. 97237
Ehinger, S.E. A kiln drive vibration problem and solution 60657
Ehlers, K. Development of the driver-car-interface within the automobile—basis of individual automotive mobility 54233
Ehlers, K. *see* Knapp, R.W. 60048
Ehlers, M. *see* Wenzhong Shi 67897
Ehlert, D.C. *see* Lewellen, T.K. 59289
Ehlert, J.C., Cassarly, B., Chakmakjian, H., Finlan, J.M., Flood, K.M., Waarts, R.G., Nam, D., Welch, D.F. Automated phase sensing and control of an external Talbot cavity laser with phase-contrast imaging 83203
Ehley, L., Furht, B., Ilyas, M. Evaluation of multimedia synchronization techniques 58048
Ehmke, J. *see* Turner, A. 98114
Ehmke, J.C. *see* List, R.S. 94275
Ehnert, A., Sukumar, V., Diot, J.-L. A new surface mount power package 49156
Ehoud, A., Dunleavy, L.P., Lazar, S.C., Branson, R.E. Extraction based model for GaAs MESFET switches 80713
Ehrat, M. *see* Singer, E. 66503
Ehrenborg, R., Mendez, M. Schroder parenthesizations and chordates 69727
Ehrenfeucht, A., McConnell, R. A k-structure generalization of the theory of 2-structures 69748
Ehrenreich, H. *see* Grein, C.H. 83070
Ehrenreich, H. *see* Youngdale, E.R. 62246
Ehret, G. *see* Kiemle, C. 77403
Ehret, K. *see* Michel, E. 88029
Ehret, S. *see* Larkins, E.C. 52840
Ehrfeld, W. Advanced products in microfabrications 92829
Ehrfeld, W. *see* Bauer, H.-D. 82702
Ehrhardt, A., Nutsch, G., Rother, W. The suppression of electrical fuses reignition for current zero 90261
Ehrhardt, H. *see* Gerber, J. 70094
Ehrhardt, K., Emmel, E.B., Pohler, S. 275 kV-XLPE cable for a gas turbine power station in Malaysia 68243
Ehrhardt, R. Morphological filter design with genetic algorithms 85100
Ehrichs, E.E. *see* Rubel, S. 62618
Ehrlich, C. A review of gas-operated piston gauges 66730
Ehrlich, C. *see* Lettieri, T. 87128
Ehrlich, C. *see* Molinar, G.F. 66740
Ehrlich, C. *see* Molinar, G.F. 87126
Ehrlich, C.D. *see* Schmidt, J.W. 66733
Ehrlich, D., Estes, J.E., Singh, A. Applications of NOAA-AVHRR 1 km data for environmental monitoring 53548
Ehrlich, D.J. *see* Kunz, R.R. 73183
Ehrlich, J., Eymard, R. An efficient implementation of conjugate gradient method for multilayer neutral networks 79673
Ehrlich, R. *see* Nordberg, E. 66815
Ehrlichmann, D., Habich, U., Plum, H.-D. Ring resonator for lasers with annular gain media 94559
Ehrlichmann, D., Habich, U., Plum, H.-D., Loosen, P., Herziger, G. Azimuthally unstable resonators for high-power CO_2 lasers with annular gain media 72954
Ehrman, J.B. *see* LoVetri, J. 73322
Ehrmann, O. *see* Engelmann, G. 62603
Ehrmann, O. *see* Sun, Y. 81577
Ehrnsten, K. *see* Abrahamsson, K. 76307
Ehsani, H. *see* Karam, N.H. 61253
Ehsani, M., Wu, T.S. Soft switched capacitively coupled DC-AC converter for high power 68717
Ehsani, M. *see* Arefeen, M.S. 60200
Ehsani, M. *see* Arefeen, M.S. 69070
Ehsani, M. *see* Arefeen, M.S. 89897
Ehsani, M. *see* Husain, I. 69069
Ehsani, M. *see* Husain, I. 69090
Ehsani, M. *see* Husain, I. 69105
Ehsani, M. *see* Ramani, K.R. 100102
Ehsani, M. *see* Wu, T.S. 100331
Ehwald, K.-E. *see* Kissinger, G. 81845
Eib, E.-H.M.A., Ammar, A.-H., Montasser, K.I., El-Diwani, E.A., Abdel-Raouf, H.E. The monopole antenna above a finite disk with circular cross section 94991
Eib, N. *see* Fahey, J. 81648
Eiben, A.E., Raue, P.-E., Ruttkay, Z. Solving constraint satisfaction problems using genetic algorithms 91319
Eibl, O. *see* Karg, F. 100500
Eichberger, S. *see* Zerobin, F. 87783
Eichel, P.H. *see* Jakowatz, C.V., Jr. 75576
Eichel, P.H. *see* Wahl, D.E. 74300
Eichelbaum, F. *see* Auge, J. 66251
Eichelberger, C.W., Davidson, H. Viking SuperSPARC AMCM development program 54510
Eichen, E. *see* Schlafer, J. 72650
Eichen, E. *see* Zemon, S. 94065
Eichenauer-Herrmann, J. On generalized inversive congruential pseudorandom numbers 69716
Eichenherr, H., Faller, N., Hans, P., Lecomte, P. The RASCALS SYSTEM: a tool for ERS-1 data product quality analysis and sensor performance assessment 77641
Eichenlaub, J., Touris, T. An in cockpit 'situation awareness' autostereoscopic avionics display 77172
Eichenlaub, J.B., Wright, J.C. Advanced LCD enhancement technology performance for improved display 52988
Eichhorn, G. *see* Burchhardt, U. 78432
Eichhorn, K.F., Hosemann, G., Ladniak, L., Lobos, T. Fourier filters transient behaviour for real-time basic-waveform determination of mono- and three-phase time-dependent signals 68306
Eichinger, S. *see* Achatz, V. 94315
Eichinger, S. *see* Wenger, G. 97344
Eichinger, W.E., Cooper, D.I., Archuletta, F.L., Hof, D., Hoitkamp, D.B., Karl, R.R., Jr., Quick, C.R., Tiee, J. Development of a scanning, solar-blind, water Raman lidar 77343
Eichler, H.J., Glotz, M., Kummrow, A. Curved self-diffraction patterns from dynamic gratings 73172
Eichler, H.J., Haase, A., Kokta, M.R., Menzel, R. Cr^{4+}:YAG as passive Q-switch for a Nd:YALO oscillator with an average repetition rate of 2.7 kHz, TEM_{00} mode and 13 W output 56675
Eichler, H.J., Haase, A., Menzel, R. SBS-phase conjugation for thermal lens compensation in 100 W average power solid-state lasers 83035
Eichler, H.J., Haase, A., Menzel, R., Schwartz, J. Depolarization treatment and optimization of high power double pass neodyn-rod amplifiers with SBS mirror 72761
Eichler, H.J., Liu, B., Meindl, P., Kaminskii, A.A. Generation of short pulses by a Pr^{3+}:$LiYF_4$ crystal with an efficient laser transition at 639.5 nm 72759
Eichler, H.J., Liu, B., Zukang Lu, Kaminskii, A.A. Orange, red and deep-red flashlamp-pumped Pr^{3+}:$LiYF_4$ laser with improved output energy and efficiency 56677
Eichler, H.J. *see* Ding, Y. 73092
Eichler, J., Ackermann, G.K., de Magalhaes, S.D., Goncalves, O., Rizzo, P. Investigation of holographic AgBr-films: optical density, Ag-concentration, and index of refraction 56957
Eichler, R. *see* Burger, J. 98570
Eichler, R. *see* Gabathuler, K. 59070
Eichler, R. *see* Pitzl, D. 88027
Eichorst, D.J., Blanton, T.N., Barnes, C.L., Bosworth, L.A. Influence of processing conditions on hillock formation in electron-beam evaporated platinum/titanium films 70151
Eick, S.G., Greenberg, A.G., Lubachevsky, B.D., Weiss, A. Synchronous relaxation for parallel simulations with applications to circuit-switched networks 85226

Eickhoff, H., Blasche, K., Blell, U., Franzke, B., Pinkow, J. Injection and extraction-performance at the SIS/ESR-facility 67040
Eickhoff, H. *see* Franzke, B. 76402
Eickhoff, H. *see* Steck, M. 76411
Eickhoff, M. *see* Jungner, P. 86872
Eickhoff, M.L., Hall, J.L. Developing an optical frequency standard at 532 nm 86875
Eickhoff, T. *see* Kolter, M. 100699
Eickhoff, T. *see* Ulrichs, C. 100691
Eid, E., Ghannouchi, F.M., Beauregard, F. Self-calibration of six-port reflectometers using active loads 86856
Eide, E., Rohlicek, J.R., Gish, H., Mitter, S. A linguistic feature representation of the speech waveform 84074
Eidelberg, D. *see* Dhawan, V. 88450
Eidelman, Yu., Yakimenko, V. SPINLIE—new computer code for polarization calculation 66974
Eidens, R. *see* Wiskin, J.W. 99276
Eidlin, A.O. *see* Vologin, V.G. 87859
Eidnes, H. Practical considerations for network addressing using CIDR 85634
Eiges, R. *see* Griffiths, H.D. 97465
Eigler, H. Burst noise in Si n-p-n transistors 71598
Eiho, S. *see* Lu, S. 88446
Eiichi Kobayashi *see* Toshiyuki Ota 81619
Eijk, A.M.J.van *see* van Eijk, A.M.J.
Eijk, C.W.E.van *see* van Eijk, C.W.E.
Eijkel, G.C.van den *see* van den Eijkel, G.C.
Eijkel, J.C.T. *see* van Kerkhof, J.C. 58861
Eijndhoven, J.T.S.Van *see* Van Eijndhoven, J.T.S.
Eijndhoven, S.J.L.Van *see* Van Eijndhoven, S.J.L.
Eiju, T. *see* Barnes, T.H. 56328
Eiju, T. *see* Fujimoto, M. 56451
Eikelboom, J.A. *see* Leguijt, C. 94252
Eikelboom, J.A. *see* Lolgen, P. 100644
Eikenberry, E.F. *see* Gruner, S.M. 59234
Eikenberry, S.S. *see* Lum, K.S.K. 88320
Eikerling, H.-J., Hunstock, R., Camposano, R. Optimization of hierarchical designs using partitioning and resynthesis 92167
Eilenberger, G. *see* Boettle, D. 97335
Eilers, H. *see* Weiyi Jia 72570
Eilertsen, K., Skretting, A., Tennvassas, T.L. Methods for fully automated verification of patient set-up in external beam radiotherapy with polygon shaped fields 67612
Eiles, T.M., Devoret, M.H., Martinis, J.M. Coulomb blockade of Andreev reflection in the NSN single-electron transistor 56269
Eiles, T.M., Martinis, J.M. Combined Josephson and charging behavior of the supercurrent in the superconducting single-electron transistor 72244
Eilhardt, K., Wohlleben, R., Fiebig, D. The main lobe division in symmetrical reflector antenna systems with laterally offset exciters for right and left circular polarisation and its compensation 57246
Eilhardt, K., Wohlleben, R., Fiebig, D. Compensation of the beam squint in axially symmetric, large dual reflector antennas with large-ranging laterally displaced feeds 94985
Eilinger, T. *see* Steiner, F.P. 79168
Eilinger, T. *see* Stemmler, H. 100134
Eilola, M. *see* Casaca, A. 65533
Eimori, T., Oashi, T., Kimura, H., Yamaguchi, Y., Iwamatsu, T., Tsuruda, T., Suma, M., Hidaka, H., Inoue, Y., Nishimura, T., Satoh, S., Miyoshi, H. ULSI DRAM/SIMOX with stacked capacitor cells for low-voltage operation 93610
Eimori, T., Ohno, Y., Kimura, H., Matsufusa, J., Kishimura, S., Yoshida, A., Sumitani, H., Maruyama, T., Hayashide, Y., Moriizumi, K., Katayama, T., Asakura, M., Horikawa, T., Shibano, T., Itoh, H., Sato, K., Namba, K., Nishimura, T., Satoh, S., Miyoshi, H. A newly designed planar stacked capacitor cell with high dielectric constant film for 256 Mbit DRAM 92192
Eimori, T. *see* Asakura, M. 92222
Eimori, T. *see* Asakura, M. 92235
Eimori, T. *see* Mitsuhashi, J. 49440
Eimori, T. *see* Morihara, T. 82009
Eimori, T. *see* Ohno, Y. 70487
Eimori, T. *see* Suma, K. 92221
Eimori, T. *see* Suma, K. 92238
Einden, W.T.A.van der *see* van der Einden, W.T.A.
Einfeld, D., Buttig, H., Dienel, S., Glaser, W., Goetz, T., Guratzsch, H., Hartmann, B., Janssen, D., Krug, H., Linnemann, J., Matz, W., Murphy, J.B., Neumann, W., Oehme, W., Picard, M., Plesko, M., Prohl, D., Schlenk, R., Tomassini, D., Tyrroff, H. The synchrotron light source ROSY 59217
Einfeld, D., Buttig, H., Dienel, S., Glaser, W., Goetz, Th., Guratzsch, H., Hartmann, B., Janssen, D., Krug, H., Linnemann, J., Matz, W., Murphy, J.B., Neumann, W., Oehme, W., Picard, M., Plesko, M., Prohl, D., Rossmanith, R., Schlenk, R., Tomassini, D., Tyrroff, H. The synchrotron light source ROSY 66834
Einfeld, D., Husmann, D., Plesko, M. Dynamic aperture of the 2.5 GeV synchrotron radiation source LISA 66885
Einfeld, D., Plesko, M. The QBA optics for the 3.2 GeV synchrotron light source ROSY II 66884
Einfeldt, S., Heinke, H., Behringer, M., Becker, C.R., Kurtz, E., Hommel, D., Landwehr, G. The growth of HgSe by molecular beam epitaxy for ohmic contacts to p-ZnSe 69944
Einfeldt, S. *see* Becker, C.R. 61260
Einfeldt, S. *see* Schikora, D. 61282
Eingartner, M., Kranz, U., Maier, G. Two new photovoltaic project of the Bavarian Energy Authority: 'Citizens for Solar Current' and 'Solar energy at School' 78516
Eirola, T. *see* Dieci, L. 54774
Eisaki, H., Takagi, H., Cava, R.J., Batlogg, B., Krajewski, J.J., Peck, W.F., Jr., Mizuhashi, K., Lee, J.O., Uchida, S. Competition between magnetism and superconductivity in rare-earth nickel boride carbides 72221
Eisel, D. *see* Hodgson, N. 83020
Eisele, E.F. Best approximations of symmetric surfaces by biquadratic Bezier surfaces 61153
Eisele, H., Haddad, G.I. Enhanced performance in GaAs TUNNETT diode oscillators above 100 GHz through diamond heat sinking and power combining 80704
Eisele, H. *see* Chien-Chung Chen 61933
Eisele, H. *see* Kamoua, R. 61920
Eisele, H. *see* Ohnsorge, H. 96422
Eisele, I. *see* Flietner, B. 66560
Eisele, I. *see* Gossner, H. 62593
Eisele, I. *see* Gossner, H. 62742
Eisele, I. *see* Hansch, W. 61239
Eisele, I. *see* Leu, M. 66569
Eisele, I. *see* Ramm, J. 61314
Eisele, I. *see* Siegert, G.R. 81923
Eisele, K. *see* Ralston, J.D. 83163
Eisen, F. *see* Lie, D.Y.C. 49793
Eisen, L. *see* Pham, D. 92287
Eisen, N. *see* Fox, J.D. 76552
Eisen, N. *see* Hindi, H. 76503
Eisen, Y. *see* McGregor, D.S. 71106
Eisenberg, M. The polling system with a stopping server 96208
Eisenhandler, E., Gee, N., Gillman, A., Perera, V., Quinton, S., Ellis, N., Fensome, I., Garvey, J., Jovanovic, P., Staley, R., Watson, A. First level calorimeter trigger system for the Large Hadron Collider 59183
Eisenhandler, E. *see* Brawn, I. 98678
Eisenhandler, E. *see* Brawn, I.P. 98657
Eisenhauer, C.M. *see* Schwartz, R.B. 88263
Eisenmann, H., Waas, T., Hartmann, H. Proximity correction of high dosed frame with PROXECCO 81715
Eisenmann, W.T., Graeb, H.E. Fast transient power and noise estimation for VLSI circuits 91823
Eisenmenger, W. *see* Eberle, G. 93737
Eisenmenger, W. *see* Ludwig, C. 69938
Eisenstein, B.A. *see* Orr, J.A. 60776
Eisenstein, G. *see* Shtaif, M. 83306
Eisenstein, G. *see* Tessler, N. 50805
Eisenstein, G. *see* Tessler, N. 94480
Eisert, D. *see* Bissen, M. 87752
Eisert, D. *see* Fisher, M.V. 88288
Eisgruber, I.L., Sites, J.R. Status of polycrystalline thin film solar cells 90441
Eisgruber, I.L. *see* Liu, X.X. 100493
Eisinger, B. *see* Oswald, B. 89319
Eisler, P., Kovacs, O. Advanced service provisioning in a partly digitalized network environment 85583
Eisner, R.L. *see* Zhao, X.D. 98840
Eissa, H.M. *see* El-Fiki, S.A. 86837
Eissa, H.M. *see* El-Fiki, S.A. 88579
Eissa, H.M. *see* El-Fiki, S.A. 88580
Eissa, M.O., Leeb, S.B., Verghese, G.C., Stankovic, A.M. A fast analog controller for a unity-power factor AC/DC converter 68807
Eissfeller, B. *see* Jansche, A. 65981
Eitel, P. Backup and storage management in distributed heterogeneous environments 74982
Eitz, A.W., Kehr, M., Michelfelder, S., Rennert, K.D. Thermal engineering design and installation planning for supercritical 800 MW steam generators for the Boxberg site 53923
Eitzmann, M.A. *see* Pratico, E.R. 78241
Eizenberg, M., Meyer, F., Benhocine, A., Bouchier, D. Reactive-ion-beam-sputtered WN_x films on silicon: growth mode and electrical properties 49819
Eizenberg, M. *see* Atzmon, Z. 48946
Eizenberg, M. *see* Mosleh, N. 61391
Ejaz Haq *see* Seung-Moon Yoo 70533
Ejaz Haq *see* Do-Chan Choi 70532
Ejaz Haq *see* Jung, C.M. 70565
Ejaz Haq *see* Yunho Choi 49427
Ejaz Haq *see* Yunho Choi 70553
Ejebe, G.C. *see* Irisarri, G.D. 53653
Ejebe, G.C. *see* Irisarri, G.D. 77838
Ejeckam, F.E. *see* Lin, C.H. 63843
Ejiogu, E.C., Ono, K., Tanno, Y. Parametric rotary speed sensor for robust motor control 89929
Ejiogu, E.C., Tanno, Y. Capacitor self-excitation braking of the induction motor 89975
Ejiri, H., Fushimi, K., Hazama, R., Kudomi, N., Nagata, K., Ohsumi, H., Okada, K., Tanaka, J. Double beta decays studied by ELEGANTS V 59215
Ejiri, K. *see* Inaba, H. 56213
Ejiri, M. For whom the advancing service/network management 51998
Ejiri, M. Advancing service operations and operations systems 65133
Ejiri, M. *see* Maeda, M. 65107
Ejiri, Y., Miyagi, Y., Yamaguchi, Y., Hirai, M. Construction of cable ship "KDD Ocean Link" 96955
Ejiri, Y. *see* Hattori, T. 93249
Ejzak, R. *see* Nanda, S. 97055
Ekanayake, N., Liyanapathirana, R. On the exact formula for the minimum squared Euclidean distance of CPFSK 95086
Ekawa, M. *see* Kobayashi, H. 83164
Ekberg, K. *see* Beer, D.F. 90804
Ekdahl, C.A. *see* Baltrusaitis, R.M. 76519
Ekelof, T. *see* Adam, W. 88114
Eken, F. *see* Clark, D.A. 96993
Ekenberg, T., Van Berg, R., Williams, H.H. Development of read-out circuit and level 2 buffering for multi-channel time measurement chip 70664
Ekenberg, U. *see* Ghiti, A. 83132
Ekenstedt, M.J. *see* Songpongs, P. 81294
Ekenstierna, B., Nyman, A. Power in the deep: the Swedish-German link 59912
Ekerdt, J.G. *see* Johannes, J.E. 70148
Ekere, N.N., Lo, E.K., Mannan, S.H. Process modelling maps for solder paste printing 55468
Ekere, N.N. *see* Mannan, S.H. 80994
Ekert, A.K., Huttner, B., Palma, G.M., Peres, A. Eavesdropping on quantum-cryptographical systems 84004
Ekholm, S. *see* Dobrowolny, M. 88635
Ekin, J. *see* Wang, S.-T. 82477
Ekin, J. *see* Wang, S.T. 82325
Ekin, J.W. *see* Pourrahimi, S. 82478
Eklund, A., Hartings, R., Holm, A. Application of the dust cycle method to magnetite pollution tests on outdoor insulators 89340
Eknoyan, O. *see* Tang, Z. 94184
Ekstam, L. *see* Westerlund, S. 92644
Ekstrom, A. *see* Jiang, Y. 99605
Ekstrom, H., Karasik, B., Kollberg, E., Yngvesson, S.K. Superconducting bolometric mixers 80663
Ekwue, A.O., Macqueen, J.F., Dandachi, N.H. On-line estimation of transformer taps 60283
Ekwue, A.O. *see* Barruncho, L.M. 59753
Ekwue, A.O. *see* Esp, D.G. 60016
Ekwue, A.O. *see* Laughton, M.A. 59752
Ekwue, A.O. *see* Lo, K.L. 59734
El Abbadi, A. *see* Agrawal, D. 85339
El Assad, S. *see* Lakkis, I. 65869
El Assad, S. *see* Saad, A. 75546
El Gamal, A. *see* Fowler, B. 61861
El Gamal, A. *see* Fowler, B. 70799
El Gamal, A. *see* Fowler, B. 98107
El Gamal, A. *see* Lan, S. 92830
El Gamal, A. *see* Nogami, K. 92340
El Ghitani, H., Pasquinelli, M., Simon, J.J., Martinuzzi, S. About the electrical conductibility of dislocations in multicrystalline silicon solar cells 90382
El Habti, A., Bastien, F.O. Low temperature limitation on the quality factor of quartz resonators 50154
El Hang Lee *see* Jeong Rae Ro 70021
El Hang Lee *see* Kwang Yong Kang 92494
El Hang Lee *see* Sang Yeol Lee 94035
El Hassani, A. *see* Scheid, E. 49900
El Hdiy, A. *see* Meinertzhagen, A. 55665
El Kahel, M., Olivier, G., Guimaraes, C., April, G.-E. Design and simulation of a high voltage DC source 90141
El Kahel, M. *see* Do, X.D. 90073
El Kholy, S.M. *see* Taylor, S. 100388
El Masbade, R.B., Al Hussaini, E.K. Performance of CFAR detectors for M-sweeps in the presence of interfering targets 75581
El Mesbahi, J., Chaibi, M. Visual inspection of PCB's using two new algorithms of dilatation and connectivity preserving shrinking 80971
El Mokri, A., Triboulet, R., Lusson, A., Tromson-Carli, A., Didier, G. Growth of large high purity, low cost uniform CdZnTe crystals by the 'cold travelling heater method' 69919
El Nimr, M.K. *see* Hussein, A. 76796
El Nokali, M. *see* Ahn, H. 56031
El Nokali, M. *see* Ahn, H. 62873
El Nokali, M. *see* Casey, M.P. 56088
El Ouadrani, A. Generalized BURT table and analysis of its sub-tables in the case of barycentric coding 84011
El Rehim, S.S.Abd *see* Abd El Rehim, S.S.
El Rhalibi, A. *see* Gentil, M.H. 49403
El Singaby, M.I. *see* Khalifa, F.A. 77924
El Sousy, F.F.M. *see* Khater, F.M.H. 54181
El Tawil, M.A., Kamel, M.H. MHD flow under stochastic porous media 91180
El Wahaab, S.M.Abd *see* Abd El Wahaab, S.M.
El Yumin, S., Komori, K., Arai, S. GaInAsP/InP semiconductor vertical GRIN-lens for semiconductor optical devices 56402
El Yumin, S., Komori, K., Arai, S., Bendelli, G. Taper-shape dependence of tapered-waveguide traveling wave semiconductor laser amplifier (TTW-SLA) 63801

El Zarki, M. *see* DeCleene, B. 64755
El Zarki, M. *see* Pancha, P. 52715
El Zarki, M. *see* Urabe, T. 58577
El Zarki, M. *see* Zhao Liu 65636
El Zein, G. *see* Nouvel, F. 78989
El-Ali, T. *see* Jundi, K. 57520
El-Amin, I. *see* Al-Feilat, E.A.A. 59703
El-Amin, M. *see* Al-Shehri, A.M. 68030
El-Antably, A., Xiaogang Luo, Martin, R. System simulation of fault conditions in the components of the electric drive system of an electric vehicle or an industrial drive 100855
El-Antably, A. *see* Luo, X. 68592
El-Antably, A. *see* Xu, L. 69043
El-Arab, M.Ezz *see* Ezz El-Arab, M.
El-Arabaty, A.M., Talaat, H.A., Mansour, M.M., Abd-Elaziz, A.Y. Out of step detection based on pattern recognition 78610
El-Arini, M.B. *see* Lee, R.B. 75183
El-Ashkhab, Kh.I. *see* Ageev, L.A. 56383
El-Asmar, C., Al-Haddad, K., Dessaint, L. Modeling of sub-synchronous cascade in steady state using doubly fed machine theory 89950
El-Asmar, C. *see* Chaffai, R. 90454
El-Ayat, K. *see* Schlageter, J. 70389
El-Azm, A.A. Minimization process of the encoder states 95139
El-Bakry, M., Arafa, S., Shehata, S.A.M., Khalil, H.S. A novel digital control circuit for three phase variable speed PWM drives 90537
El-Bakry, M. *see* Shehata, S.A. 80098
El-Bana, S.H. *see* Ghoneim, M.Z. 77824
El-Banna, A.Z.H., Abdel Aaty, M. On a sensitivity analysis for multiobjective nonlinear programming problems 61114
El-Banna, M. The effect of internal field distribution on quasi-two-dimensional modelling of short-channel MOSFETs 81857
El-Bebay, A.Z. *see* Ashry, H.A. 88582
El-Damrawi, G.M. *see* Doweidar, H. 92967
El-Dessouki, T.A., El-Nicklawy, M.M., Hassan, A.F., Hosny, H.M., Moustafa, N.A. Doubly-exposed hologram with two orthogonal orientations 57023
El-Dessouky, A.T. Variational inequalities of degenerate strongly nonlinear elliptic operators of arbitrary order 61180
El-Diwani, E.A. *see* Eib, E.-H.M.A. 94991
El-Ela, M.Abou *see* Abou El-Ela, M.
El-fadl, A.Abou *see* Abou El-fadl, A.
El-Fallah, A.I., Ford, G.E. Nonlinear adaptive image filtering based on inhomogeneous diffusion and differential geometry 64650
El-Fallah, A.I., Ford, G.E. Image filtering by gradient inverse inhomogeneous diffusion 84958
El-Ferik, S., Malhame, R.P. Correlation identification of alternating renewal electric load models 68101
El-Ferik, S., Malhame, R.P. Identification of alternating renewal electric load models from energy measurements 68156
El-Fiki, M.A. *see* El-Fiki, S.A. 86837
El-Fiki, M.A. *see* El-Fiki, S.A. 88579
El-Fiki, S.A., Eissa, H.M., Abd El-Hady, M.L. Intercomparison measurements of radon concentration using secondary standard radon chamber 88580
El-Fiki, S.A., Kenawy, M.A., Eissa, H.M., Sharaf, M.A., El-Fiki, M.A., Abd El-Hady, M.L. CR-39 and LR-115 as a secondary standard dosimeter for radon dose calibration 88579
El-Fiki, S.A., Sharaf, M.A., Eissa, H.M., Abd El-Hady, M.L., Kenawy, M.A., El-Fiki, M.A. The design of a radon calibration chamber for testing radon measuring dosimeters 86837
el-Gammal, S. *see* Passmann, C. 98780
El-Gasseir, M.M., Sayer, M.A., Alteneder, K.P., McCulla, G.A., Bigger, J. Enhancing transformer dynamic rating through grid application of photovoltaic arrays 100003
El-Genk, M.S., Huimin Xue Two-dimensional steady-state and transient analyses of single-cell thermionic fuel elements 88703
El-Genk, M.S. *see* Morley, N.J. 89520
El-Ghazaly, S.M. *see* Alsunaidi, M.A. 92539
El-Ghazaly, S.M. *see* Reyes, A.C. 80869
El-Guibaly, F. *see* Abdel-Raheem, E. 61801
El-Guibaly, F. *see* Abdel-Raheem, E. 92391
El-Guibaly, F. *see* Abdel-Raheem, E. 92392
El-Guibaly, F. *see* Sunder, S. 80480
El-Guibaly, F. *see* Tawfik, A. 84573
El-Hady, M.L.Abd *see* Abd El-Hady, M.L.
El-Hajj, A., Kabalan, K.Y. Scattering from and penetration into a dielectric-filled conducting cylinder with multiple apertures 73321
El-Hajj, A., Kabalan, K.Y. Characteristic modes of a rectangular aperture in a perfectly conducting plane 94898
El-Hajj, A. *see* Kabalan, K.Y. 57183
El-Hajj, K., Khoury, A., Mialhe, P. Quality factor of a junction 71173
El-Halwagi, M. *see* Vaidyanathan, R. 69774
El-Hamamsy, S.-A. Design of high-efficiency RF Class-D power amplifier 70311
El-Hang Lee *see* Chong Hoon Kwak 82543
El-Hang Lee *see* Jang-Joo Kim 56296
El-Hang Lee *see* Seong-Ju Park 69983
El-Harrad, I. *see* Handerek, J. 56125
El-Hawary, F., Yuyang Jing A robust pre-filtering approach to EKF underwater target tracking 95453
El-Hawary, F. *see* Talaq, J.H. 60031
El-Hawary, F. *see* Talaq, J.H. 60032
El-Hawary, F. *see* Talaq, J.H. 89556
El-Hawary, M.E. *see* Talaq, J.H. 60031
El-Hawary, M.E. *see* Talaq, J.H. 60032
El-Hawary, M.E. *see* Talaq, J.H. 89556
El-Hdiy, A. *see* Elrharbi, S. 62327
El-Hefnaw, S. *see* Bayoumy, M. 100025
El-Hennawey, M.S. High resolution frequency tracking system using the maximum entropy method 92333
El-Hennawey, M.S., Shehadah, W.H. Performance of existing noncoherent FSK receivers in realistic fast multipath fading conditions with frequent phase discontinuities 51298
El-Hennawy, A., Al-Ghamdi, S. Performance improvement of MOSFET lasers by using trapezoidal gate MOSFETs 50815
El-Hennawy, A.E., Al-Harbi, T.S. A new technique of cancelation of the MOSFET leakage currents and parasitic capacitances 50018
El-Hilo, M., O'Grady, K., Chantrell, R.W. Time dependence effects and reptation measurements 50176
El-Hilo, M., O'Grady, K., Nguyen, T.A., Baumgart, P., Sanders, I.L. Interactions in $CoPtCr/SiO_2$ composite thin films 50227
El-Hilo, M. *see* Patel, V. 50245
El-Jaroudi, A. *see* Detka, C.S. 84520
El-Jaroudi, A. *see* Kayhan, A.S. 64500
El-Kady, M. *see* Tang, C.K. 89009
El-Kareh, B., Ghatalia, A., Kellam, M., Maillot, P., Osburn, C., Zhang, X. Comparison of rapid-thermal processing and furnace processing for quarter-micron CMOS 62969
El-Kareh, R. *see* Pham, D. 92287
El-Kassaby, M.M., Hassab, M.H. Investigation of a variable tilt angle Australian type solar collector 53070
El-Kassas, I.A., Miti, E.J.K., Hulley, L.N., Shepherd, W. Measurement of incidental power losses in switching power devices 80130
El-Kassas, S.I. *see* Abdel-Halim, I.A.M. 78620
El-kassas, S.I. *see* Abdel-Halim, I.A.M. 78624
El-Keib, A.A., Ding, H. Environmentally constrained economic dispatch using linear programming 77986
El-Keib, A.A., Ma, H., Hart, J.L. Economic dispatch in view of the Clean Air Act of 1990 77959
El-Keib, A.A. *see* Ma, H. 89156
El-Khatib, E.E. *see* Haider, T.K. 67640
El-Khier, A.A.Abou *see* Abou El-Khier, A.A.
El-Khouly, F.M., Sharaf, A.M., Abdel-Ghaffar, A.S., Mohammed, A. A rule-based fuzzy logic speed tracking regulator for permanent magnet chopper fed DC motor drive 90539
El-Kier, A.A.A. *see* Mahmoud, S.A. 98655
El-Kordy, M., Abou El-fadl, A. Study of Schottky-contact coupled microstrip directional coupler 92495
El-Labani, H. *see* Hassan, G.E. 61378
El-Labani, H. *see* Hassan, G.E. 69005
El-Mahy, M.K., White, B.A. An investigation into Kalman filter target tracking algorithms and their real time parallel transputer implementation 64542
El-Maleh, A., Rajski, J. Delay-fault testability preservation of the concurrent decomposition and factorization transformations 49368
El-Masry, E.I. *see* Abou-Allam, E. 61584
El-Masry, N.A. *see* Chikyow, T. 70157
El-Masry, N.A. *see* Eason, D.B. 72634
El-Masry, N.A. *see* He, Y. 79842
El-Masry, N.A. *see* Karam, N.H. 91629
El-Masry, N.A. *see* Ren, J. 56569
El-Masry, N.A. *see* Ren, J. 69943
El-Mohandes, M.T., Okubo, H. More accurate calculation of electric field in three-core belted power cables 68252
El-Naggar, M.M.A. *see* Daous, M.A. 54157
El-Nahhas, A. Stability of a third-order differential equation of retarded type 54779
El-Nicklawy, M.M. *see* El-Dessouki, T.A. 57023
El-Rabaie, N. *see* El-Rabaie, S. 49119
El-Rabaie, S., Ibrahim, S.A., El-Rabaie, N. Applying the controlled aliasing technique for fast prediction of the output response of nonlinear circuits driven by composite signals 49119
El-Saadawy, H. The impact of DGPS on land, marine and air navigation in Egypt 97482
El-Samahy, A.A., El-Sharkawi, M.A., Sharaf, S.M. Adaptive multi-layer self-tuning high performance tracking control for DC brushless motor 78855
El-Samahy, A.A. *see* El-Sharkawi, M.A. 78856
El-Sattar, A.A. *see* Mashaly, H.M. 100766
El-Sawy, A.A. *see* Osman, M.S.A. 91332
El-Sayed, M.I. *see* El-Sharkawi, M.A. 78856
El-Sayed, N.I., Megahed, F.M., Ammar, M.M. Study of the reliability and accuracy of thermistors for temperature measurements using transportable mercury triple point cells 87578
El-Serafi, A.M. *see* Yonah, Z.O. 89923
El-Shafey, E.M. *see* Mahmoud, S.A. 98655
El-Shaikh, H.A. *see* Nassary, M.M. 71743
El-Shalikh, H.A. *see* Nassary, M.M. 92984
El-Sharabasy, S.A., Mousa, A.-R.M., Hegazy, E.S.A., Hassan, A.Y. Radiation damage of poly(vinyl chloride) (PVC) insulators 78167
El-Sharawy, E. *see* Gaukel, K.M. 80636
El-Sharkawi, M.A., El-Samahy, A.A., El-Sayed, M.I. High performance drive of DC brushless motors using neural network 78856
El-Sharkawi, M.A. *see* El-Samahy, A.A. 78855
El-Sharkawi, M.A. *see* Weerasooriya, S. 68025
El-Sharkawy, M., Eshmawy, W., Becker, K. A complete DSP96000 image processing workstation: Hardware and software 70657
El-Sharkawy, M.A., Hosny, A.N., Abdel-Hakeen, S.A. Studies on dielectric loaded wave guides and their applications at microwave frequencies 92460
El-Sheikh, A.N.A., Langley, R.J. Multiport network analysis of frequency-selective surfaces 57219
El-Sheikh, G., Grimble, M.J., Johnson, M.A. On the performance of GH_∞ self-tuning for aeroengine control 59525
El-Sheikh, M.M.A., Sallam, R.A. On the oscillatory behavior of solutions of second order differential equations 54784
El-Shenawee, M., Bahar, E. Numerical method to compute TE and TM multiple scatter from rough surfaces exhibiting backscatter enhancement 83609
El-Shenawee, M. *see* Bahar, E. 73291
El-Shennawy, K.M., Ezz El-Arab, M., Abel Alim, O. Digital surface acoustic wave filters using two dimensional mixed field model 93858
El-Sherief, H. *see* Dougherty, J.J. 59490
El-Sherief, H. *see* Dougherty, J.J. 59630
El-Sherief, H. *see* Simon, D. 65956
El-Sherief, H. *see* Simon, D. 86626
El-Sherif, M.A., Shichuang Hu, Rahdishnan, J., Ko, F.K., Roth, D.J., Lerch, B. Optical response of sapphire multimode optical sensor for ceramic composite applications 52930
El-Shibini, M., Emam, M. Peak demand shaving by cogeneration 68437
El-Shibini, M.A. *see* Farag, A.S. 99481
El-Shibini, M.A. *see* Farag, A.S. 99482
El-Shirbeeny, E.H.T. Parametric analysis of artificially augmented flywheel effect for energy store in traction systems 54198
El-Sobki, S.M. *see* Farag, A.S. 99481
El-Sobki, S.M. *see* Farag, A.S. 99482
El-Tobshy, A. *see* Bayoumy, M. 100025
El-Wahed, W.F.A. *see* Osman, M.S.A. 91332
El-Wakeel, M.A.M.H. *see* Ashour, S.K. 48763
El-Zeftawy, A.A. Modelling and evaluating the reliability of a power generation system 99427
El-Zein, A., Haque, M., Chowdhury, S. Simulating uniform lossy lines by the time-domain modal analysis 94890
El-Zein, A. *see* Haque, M. 91715
El-Zobaidi, H., Leigh, J.R. Robust control of an induction motor: the H^∞ coprime factors approach 60212
Elachi, C. *see* Way, J. 77590
Elamari, A. *see* Inaudi, D. 87267
Elandaloussi, H. *see* Guellati, S. 83237
Elandaloussi, H. *see* Juncar, P. 83242
Elango, V. *see* Dammel, R.R. 81658
Elangovan, S. *see* Waikar, D.L. 59998
Elangovan, S. *see* Waikar, D.L. 78231
Elantev, A.I. *see* Karasik, B.S. 93942
Elasmar, M.G. Assessing videotex diffusion and usage patterns in a manufacturing organization: A case study 96592
Elasser, A. *see* Keming Chen 68800
Elayyan, H.S.B. *see* Rickard, D.A. 99630
Elazar, O. *see* Rainish, D. 75300
Elbaile, L. *see* Tejedor, M. 53026
Elbakidze, A.V. *see* Morozov, V.A. 88743
Elbe, J. *see* Wohrle, D. 60472
Elbel, T., Poser, S., Fischer, H. Thermoelectric radiation microsensors 66320
Elberse, A. DECT: the ideal telework access technology 74886
Elbert, J.W. *see* Bird, D. 98533
Elbert, T.F. *see* Ross, C.C. 67962
Elbuluk, M. *see* Pathomkasikul, W. 68738
Elbuluk, M.E., Zinger, D.S., Pathomkasikul, W. Performance of a three-phase resonant DC link voltage source inverter using MCTs 68765
Elbuluk, M.E. *see* Cabrera, L.A. 100131
Elbuluk, M.E. *see* Mir, S. 100847
Elbuluk, M.E. *see* Mir, S.A. 60235
Elbuluk, M.E. *see* Mir, S.A. 68636
Elby, S.D., Acampora, A.S. Wavelength-based cell-switching in ATM multihop lightwave networks 51772
Elch-Heb, T., Hautier, J.P. Two-phase optimal remedial strategy inverter—induction machine system 90493
Eldada, L., Nongfan Zhu, Ruberto, M.N., Levy, M., Scarmozzino, R., Osgood, R.M., Jr. Rapid direct fabrication of active electro-optic modulators in GaAs 94182
Eldallal, G.M., Hayafuji, N., Abou Elwaffa, M.S., Elgammal, M.A., Bedair, S.M. $Al_{0.3}Ga_{0.7}As/GaAs$ heterojunction tunnel diode for tandem solar cell applications 90446
Elder, C. *see* Brown, D. 59084
Elder, G. *see* Vigil, J. 71533

Elder, G.G., Madan, M.L. Galois module structure of the integers in wildly ramified cyclic extensions 54683
Elder, R. *see* Taussig, C. 50360
Elder, R.C. *see* Taher, I. 97952
Elder, S.C. *see* Beattie, R.S. 84607
Elder, S.O. *see* Peterson, W.L. 89157
Eldering, C.A., Herrerias-Martin, F., Martin-Gomez, R., Garcia-Arribas, P.J. Digital burst mode clock recovery technique for fiber-optic systems 52559
Elders, J. *see* Amirhaghi, S. 91587
Elders, J. *see* Jansen, H.V. 54997
Elders, J. *see* Legtenberg, R. 62471
Eldhemy, S.A. Effect of skewing on the cogging torque in induction machines 89977
Eldin, H.A.Nour *see* Nour Eldin, H.A.
Eldon, J. Genlocking to a video signal 75723
Eldredge, J.G., Hutchings, B.L. Density enhancement of a neural network using FPGAs and run-time reconfiguration 70415
Eldredge, J.W. *see* Goorsky, M.S. 54837
Eldride, M., Kohler, J., Van Gulik, J. Peer plant comparisons can help managers enhance performance and reduce operating and maintenance expenses 89429
Eldring, J., Zakel, E., Reichl, H. Flip chip attach of silicon and GaAs fine pitch devices as well as inner lead TAB attach using ball-bump technology 55498
Ele, A. *see* Danisch, L. 76026
Eleftheriades, G.V., Omar, A.S., Katehi, L.P.B., Rebeiz, G.M. Some important properties of waveguide junction generalized scattering matrices in the context of the mode matching technique 94900
Eleftheriadis, G.P., Theologou, M.E. User profile identification in future mobile telecommunications systems 86128
Elek, K., Gaal, J. Implementation of trellis coded modems 65494
Elena, M. *see* Narsale, A.M. 71582
Elerath, J.G. *see* Wood, A.P. 54623
Elewa, M.M. *see* Zaki, A.M. 60139
Elezzabi, A.Y., Meyer, J. All-optical time-division demultiplexer using semiconductor switching 65508
Elezzabi, A.Y., Meyer, J., Hughes, M.K.Y., Johnson, S.R. Generation of 1-ps infrared pulses at 10.6 μm by use of low-temperature-grown GaAs as an optical semiconductor switch 63963
Elfadel, I.M. *see* Miguel Silveira, L. 94887
Elfalaky, A. Structural and IR studies on Cu-Ti mixed ferrite 92965
Elgamel, H.E., Ghannam, M.Y., Nijs, J., Mertens, R. High efficiency solar cells on electromagnetic cold crucible cast multicrystalline silicon 100641
Elgamel, H.E., Ghannam, M.Y., Vinckier, C., Nijs, J., Mertens, R., Van Overstraeten, R. Boosting the efficiency of solar cells fabricated on electromagnetic cold crucible cast multicrystalline silicon by means of hydrogen passivation 100575
Elgamel, H.E. *see* Ghannam, M.Y. 100620
Elgamel, H.E. *see* Murti, M.R. 100480
Elgammal, M.A. *see* Eldallal, G.M. 90446
Elgazar, M.M. *see* Ghoneim, M.Z. 77927
Elgazzar, S. *see* Korba, L. 75988
Elgazzar, S. *see* McMath, W.S. 97993
Elgoibar, J.M.M. *see* Bernaldo de Quiros, J.G. 100383
Elgstoen, B.M. Optical routing systems in radio and television production centres 86715
Elhabashi, S.M. Any plane phase centre of corrugated E-plane sectoral horn 73488
Elhadidy, M.A. *see* Shaahid, S.M. 60043
Elhakeem, A.K., Di Girolamo, R., Bdira, I.B., Talla, M. Delay and throughput characteristics of TH, CDMA, TDMA, and hybrid networks for multipath faded data transmission channels 65554
Elhakeem, A.K., Schiling, D.L., Baier, P.W., Nakagawa, M., Bush, A. Guest editorial. Code division multiple access networks. I 60697
Elhakeem, A.K. *see* Bohm, S. 86252
Elhakeem, A.K. *see* Bohm, S. 86253
Elhakeem, A.K. *see* Bohm, S. 97191
Elhakeem, A.K. *see* Rahman, M.A. 58294
Elhakeem, A.K. *see* Talla, M. 51828
Elhamri, S. *see* Ikai Lo 81267
Elhamri, S. *see* Mitchel, W.C. 81331
Elhilali, M.M. *see* Sawan, M. 88559
Elhimer, A. *see* Merino, J.M. 100651
Elia, C., De Gaudenzi, R., Viola, R., Colzi, E., Giannetti, F., Azzarelli, A. Analysis of transmission schemes for satellite digital audio broadcasting 86656
Elia, R. *see* Shapiro, G. 76455
Elias, H.-J. Experience with the application of computer-aided operational control systems 78388
Elias, J. *see* Baumbaugh, B. 59149
Elias, J.G. *see* Davis, M. 91794
Elias, J.G. *see* Northmore, D.P.M. 92449
Elias, L.R. *see* Kimel, I. 50895
Elias, L.R. *see* Kimel, I. 83186
Elias, N.J. Acceptance sampling: an efficient, accurate method for estimating and optimizing parametric yield [IC manufacture] 50066
Eliashberg, V. A relationship between neural networks and programmable logic arrays 61667
Eliashevich, I. *see* Diaz, J. 72894
Eliat, A. *see* Schauer, F. 55576
Elike, J. *see* Barrom, S. 63220
Elion, W.J. *see* Sohn, L.L. 50428
Elior, A. *see* Barmashenko, B.D. 72683
Eliseev, P.G., Drakin, A.E. Analysis of the mode internal coupling in InGaAs/GaAs laser diodes 72794
Eliseev, P.G., Drakin, A.E., Pittroff, W. A study of laser emission wavelength variations in 1.5 μm InGaAsP/InP BRS laser diodes: theoretical model and experiment 94470
Eliseev, P.G. *see* Akimova, I.V. 63809
Elissalde, C., Ravez, J., Gaucher, P. High frequency dielectric relaxation in $Pb(Mg_{0.317}Nb_{0.633}Ti_{0.05})O_3$ ceramics 56136
Elissalde, C., Ravez, J., Yao, X. Dielectric and ferroelectric behaviours of $Ba(Ti_{1-x}Li_x)(O_{3-3x}F_{3x})$ ceramics 56137
Elissalde, C. *see* Kazaoui, S. 56138
Elixmann, M., de Greef, B., Leikens, A., Neunast, K., Tjabben, H. Open switching in ISPBXs for flexible application control 85818
Elixmann, M. *see* Abramowski, S. 96842
Elk, K. Rotational hysteresis work and rotational hysteresis integral of polycrystalline permanent magnets 50178
Elkadiri, M. *see* Bellarbi, L. 53069
Elkaim, P. *see* Lusson, L. 79916
Elkasabgy, N.M., Di Pietro, C. The effects of various magnetic materials on lamination design for stator-rotor diecasting of induction motors for electric vehicle applications 68617
ElKateb, M.M., Abdel Kader, S., Mandour, M. Criteria of voltage collapse in power systems 99470
El'kina, N.V. *see* Kudoyarova, V.Kh. 94249
Elkind, J. *see* Melendez, J.L. 92956
Elkind, V. *see* Breskin, A. 87993
Elkington, M.D. *see* Scott, R.F. 77230
Elkins, J. *see* Calvert, J. 66819
Elko, G.W., Goodwin, M.M. Beam dithering: Acoustic feedback control using a modulated-directivity loudspeaker array 75103
Elko, G.W. *see* Goodwin, M.M. 75102
Elkonin, B.V. *see* Facco, A. 67085
Elkordy, M.F., Chang, K.C., Lee, G.C. A structural damage neural network monitoring system 87007
Ellams, P., Mansell, A.D. Simulated annealing in the analysis of resonant DC link inverters 54097
Ellder, A.J. *see* Brenner, M.J. 58531
Elleaume, P. *see* Gauthier, C. 98713
Elleaume, P. *see* Tarazona, E. 67412
Elleaume, P. *see* ten Kate, H.H.J. 76568
Elleithy, K.M., Aref, M.A. A production based system for formal verification of digital signal processing architectures 95630
Elleithy, R. *see* Farquharson, S. 49039
Ellenberger, S.R. *see* Guyse, C.J. 77118
Ellenwood, C.H. *see* Allen, R.A. 62975
Ellenwood, C.H. *see* Cresswell, M.W. 55838
Ellenwood, C.H. *see* Cresswell, M.W. 81714
Ellenwood, C.H. *see* Cresswell, M.W. 81726
Eller, A.I. *see* Brill, M.H. 86607
Ellervee, P. *see* Jantsch, A. 70411
Ellett, S.A., Krile, T.F., Walkup, J.F. Reduction of error effects in digital partitioning by error-correction coding 50649
Ellett, S.A., Krile, T.F., Walkup, J.F. Combining digital partitioning and error-correcting codes for high accuracy optical computing 72531
Ellibee, D.E. *see* Quintana, M.A. 100719
Elliman, D.G. *see* Sahota, P. 96110
Elliman, R.G. *see* Jiang, H. 49845
Elliman, R.G. *see* Kringhoj, P. 71306
Elliman, R.G. *see* Kringhoj, P. 79797
Elliman, R.G. *see* Ridgway, M.C. 55701
Ellinas, J.N. Coupling between braided coaxial cables over a ground plane 96952
Ellingboe, S.L., Ridgway, M.C. A novel approach to secondary defect reduction in separation by implantation of oxygen material 62402
Ellingboe, S.L. *see* Ridgway, M.C. 55701
Ellinger, J. *see* Samani, D.M. 92402
Ellinger, R.S. When do you start to design R&M into a product? Concurrent engineering, CALS, and the R&M engineer 54437
Ellingham, M.N., Zhicheng Gao Spanning trees in locally planar triangulations 69709
Ellingson, R.J., Tang, C.L. Ti:sapphire pumped solid state source of high-repetition-rate femtosecond pulses tunable in the visible 73108
Ellingson, R.O. *see* McFee, J.E. 87349
Ellingson, W.A. *see* Sivers, E.A. 59269
Elliot, P. A quicker target for therapy 88547
Elliott, C. High-quality multimedia conferencing through a long-haul packet network 65447
Elliott, C.S. NREN update, 1993: Washington policy 75030
Elliott, C.T. *see* Ashley, T. 50050
Elliott, D. An asymptotic analysis of two algorithms for certain Hadamard finite-part integrals 48877
Elliott, D.J. *see* Hollman, R.F. 71524
Elliott, D.W. High definition television: The key to multimedia and broadband networks 97640
Elliott, J. *see* Bigu, J. 53331
Elliott, J.C., Anderson, P., Gao, X.J., Wong, F.S.L., Davis, G.R., Dowker, S.E.P. Application of scanning microradiography and X-ray microtomography to studies of bones and teeth 67483
Elliott, L. *see* Mojdehrakhsh, R. 53458
Elliott, M. *see* Wilks, S.P. 92936
Elliott, M.J. *see* Veale, F.J., Jr. 60750
Elliott, M.S. Computer-assisted fault-tree construction using a knowledge-based approach 61020
Elliott, R.C. *see* Hershey, R.R. 87001
Elliott, R.J., Aggoun, L. Estimation for discrete Markov random fields observed in Gaussian noise 95589
Elliott, R.J., Moore, J.B. Recursive parameter estimation for partially observed Markov chains 95570
Elliott, R.S. *see* Rengarajan, S.R. 73427
Elliott, S.J. *see* Joseph, P. 57449
Elliott, T.C. Monitoring emissions: instrumentation aims for total system commitment 78353
Elliott, T.C. Advanced sensors [for power plants] 99814
Elliott, T.S. *see* Bo Lee 62042
Elliott, T.S. *see* Lee, B. 71036
Elliott, T.S. *see* Smith, D.D. 76847
Elliott, T.S. *see* Smith, D.D. 76848
Elliott, W.H. *see* Tyll, H.K. 68050
Ellis, A.D., Flannery, D., Davies, D.A.O., Sherlock, G., Manning, R., Spirit, D.M. Practical high speed optical processing using GaInAsP amplifiers 65811
Ellis, A.D., Widdowson, T., Shan, X., Moodie, D.G. Three-node, 40 Gbit/s OTDM network experiment using electro-optic switches 75510
Ellis, A.D. *see* Gu, X. 65809
Ellis, A.D. *see* Moodie, D.G. 94176
Ellis, A.D. *see* Shan, X. 65800
Ellis, A.D. *see* Spirit, D.M. 65807
Ellis, A.D. *see* Widdowson, T. 65787
Ellis, A.D. *see* Widdowson, T. 97312
Ellis, B.N. The determination of flux residue safety: the state of the art 69526
Ellis, E.M., Robinson, A.J. A tactile system for speech listening based on phonetic representation 98969
Ellis, J. *see* Drynan, D. 65521
Ellis, J.H. *see* Hyde, R.J. 98795
Ellis, J.N. Multi I/O via the serial port 96626
Ellis, J.W., O'Neill, B.C., Clark, S. A router design for T800 compatible transputer arrays 55276
Ellis, K.K. *see* Golden, A., Jr. 75558
Ellis, K.P. *see* Matthiessen, P. 78685
Ellis, L. Digital standards: Looking beyond MPEG 74788
Ellis, L.W. The effect of an investment tax credit on R and D spending 60855
Ellis, M.G. A design method for unequally terminated elliptic filters 92344
Ellis, N. *see* Brawn, I. 98678
Ellis, N. *see* Brawn, I.P. 98657
Ellis, N. *see* Eisenhandler, E. 59183
Ellis, P.J. *see* Dunlop, G.R. 64249
Ellis, P.J. *see* Fox, B.A. 69927
Ellis, R. Harmonic analysis of industrial power systems 79058
Ellis, R. *see* Kerr, J.A. 70461
Ellis, R.E., Ganeshan, S.R., Lederman, S.J. A tactile sensor based on thin-plate deformation 75901
Ellis, R.G., Oldenburg, D.W. The pole-pole 3-D DC-resistivity inverse problem: a conjugate-gradient approach 99149
Ellis, R.J.G. PALplus: an overview 58546
Ellis, R.J.G. The PALplus project: conception to introduction 97615
Ellis, S. *see* Liska, B. 76303
Ellis, S. *see* Mukerji, R. 78047
Ellis, S.C. The low power Intel486 SL microprocessor 70587
Ellis, S.R. *see* Adelstein, B.D. 99084
Ellis, S.R. *see* Dorighi, N.S. 99073
Ellis, T. *see* Brock-Gunn, S. 84658
Ellis, W.F., Kalter, H.L., Stapper, C.H. Design for reliability, testability and manufacturability of memory chips 55261
Ellis, W.H., Ferrari, A.M., Choi, W.Y., He, Q. Pulsed ionization chamber methodology applied to reactor power measurement revisited 87974
Ellis-Monaghan, J.J., Kim, K.W., Littlejohn, M.A. A Monte Carlo study of hot electron injection and interface state generation model for silicon metal-oxide-semiconductor field-effect transistors 62765
Ellis-Monaghan, J.J. *see* Tian, H. 93374
Ellison, A.J. Science, philosophy and anomaly: some thoughts and evidence 69375
Ellison, B.N. *see* Claude, S.M.X. 93951
Ellison, G.N. Thermal analysis of microelectronic packages and printed circuit boards using ana analytic solution to the heat conduction equation 55465
Ellison, J. *see* Mahale, N. 66967
Ellison, J.A. *see* Carrigan, R.A., Jr. 59039
Ellison, J.A. *see* Newberger, B.S. 66955
Ellison, J.A. *see* Shih, H.-J. 87807
Ellison, J.A. *see* Ziock, H.J. 76767

Ellison, M., Ball, M., Brabson, B., Budnick, J., Causyn, D.D., Chao, A.W., Collins, J., Derenchuk, V., Dutt, S., East, G., Ellison, T., Friesel, D., Hamilton, B., Huang, H., Jones, W.P., Lee, S.Y., Li, D., Minty, M., Nagaitsev, S., Ng, K.Y., Pei, X., Sloan, T., Syphers, M., Teng, L., Wang, Y., Yan, Y.T., Zhang, P.L. Experimental determination of a betatron difference resonance 66909
Ellison, M. *see* Li, D. 98409
Ellison, M. *see* Liu, J.Y. 98399
Ellison, M. *see* Syphers, M.J. 66966
Ellison, M. *see* Wang, Y. 66910
Ellison, M.J. *see* Ellison, T.J.P. 87877
Ellison, T. *see* Anderson, D. 87831
Ellison, T. *see* Ellison, M. 66909
Ellison, T. *see* Syphers, M.J. 66966
Ellison, T.J.P., Nagaitsev, S.S., Ball, M.S., Caussyn, D.D., Ellison, M.J., Hamilton, B.J. Longitudinally space charge dominated beams in a synchrotron 87877
Ellison, T.J.P. *see* Ball, M. 76483
Ellison, T.J.P. *see* Ball, M.S. 98452
Ellison, T.J.P. *see* Blinov, B.B. 87861
Ellison, T.J.P. *see* Hamilton, B.J. 76469
Ellmer, K., Kudella, F., Mientus, R., Schieck, R., Fiechter, S. Influence of discharge parameters on the layer properties of reactive magnetron sputtered ZnO:Al films 61409
Ellmer, K., Lichtenberger, D., Ennaoui, A., Hopfner, C., Fiechter, S., Tributsch, H. Comparison of structural, optical and electrical properties of pyrite (FeS_2) layers prepared by MOCVD (normal and low pressure) and reactive magnetron sputtering 91600
Ellmer, K., Mientus, R. Structural, electrical and optical properties of reactive magnetron sputtered polycrystalline ZnO:Al films as a function of the oxygen partial pressure during deposition 79918
Ellner, P.M. *see* Mortin, D.E. 54622
Ellrod, P. *see* Dickmann, J. 56010
Ellson, J. *see* Cornily, J.-M. 74862
Ellstrom, L. *see* Ratner, L. 87778
Ellsworth, J.A. *see* Hahn, S.R. 71110
Elm, C., Tavangarian, D. Fault detection and fault localization using I_{DDQ}-testing in parallel testable FAST-SRAMs 49448
Elmaliach, N., Eran, Y., Shafrir, S., Thoe, C., Beard, P. Die-to-database inspection using high accuracy database representation 60981
Elmaraazey, M. On spatial smoothing techniques for beamforming in the presence of correlated arrivals 57500
Elmasry, M.I. *see* Achyuthan, A. 80530
Elmasry, M.I. *see* Bellaouar, A. 61648
Elmasry, M.I. *see* Gu, R.X. 91977
Elmasry, M.I. *see* Osman, M.Y. 61647
Elmasry, M.I. *see* Rehan, S.E. 70798
Elmasry, M.I. *see* Rofail, S.S. 50105
Elmasry, M.I. *see* Sharaf, K.M. 49279
Elmasry, M.I. *see* Zhang, D. 73774
Elmer, P.M., Spirit, D.M. Broadcast television services in the SDH environment 66020
Elmesai, M.R. *see* Aggoune, M.E. 99551
Elmgren, K. *see* Crawford, J.F. 77054
Elmirghani, J.M.H. Optical computing techniques for parallel image processing 64757
Elmirghani, J.M.H. Self-timed p-i-n-HBT PPM receivers 94309
Elmirghani, J.M.H., Cryan, R.A. A model for timing extraction and jitter in multiple PPM satellite links 58364
Elmirghani, J.M.H., Cryan, R.A. Optimum presynchronisation filtering for optically preamplified PPM 65810
Elmirghani, J.M.H., Cryan, R.A. Optical fibre PPM over TV networks 66058
Elmirghani, J.M.H., Cryan, R.A. New chaotic based communication technique with multiuser provision 74153
Elmirghani, J.M.H., Cryan, R.A. Sensitivity penalty in optically preamplified PPM with slot timing jitter impairment 75405
Elmirghani, J.M.H., Cryan, R.A. Impact of self-timing and jitter impairments on optical fibre PPM with EDFA pre-amplification 82570
Elmirghani, J.M.H., Cryan, R.A. New PPM-CDMA hybrid for indoor diffuse infrared channels 97226
Elmirghani, J.M.H., Cryan, R.A., Clayton, F.M. Optical fibre n-ary PPM: natural acquisition sequences and frame phase extraction 86465
Elmirghani, J.M.H., Cryan, R.A., Clayton, F.M. Frame synchronisation for overlapping optical fiber PPM with systematic jitter rejection 97310
Elmirghani, J.M.H., Cryan, R.A., Clayton, M. Theoretical characterisation and practical implementation of optical fibre PPM self synchronisation sequences 65856
Elmirghani, J.M.H., Milner, S.H., Cryan, R.A. Echo cancellation strategy using chaotic modulated speech 84143
Elmquist, R.E., Dziuba, R.F. A high-temperature superconductor cryogenic current comparator 86863
Elmquist, R.E. *see* Shields, J.Q. 86892
Elnaby, M.Abd *see* Abd Elnaby, M.
Elnagar, G.N. *see* Razzaghi, M. 69778
Elnaggar, A., Alnuweiri, H.M., Ito, M.R. Mapping tensor products onto VLSI networks with reduced I/O 49215
Elneweihi, A. *see* Enns, M. 68292
Elnoubi, S. *see* Youssef, E.-S. 96972
Elnozahy, E.N., Zwaenepoel, W. On the use and implementation of message logging 74944
Elobeid, A.R., Iman, A.M., Soghayroun, A.A. On obtaining parameters for a model of Arabic speech production 51411
Eloe, P. *see* Jundi, K. 57520
Elohim, J.L. The systemic, cybernetic and synergetic alternative in quality management 60986
Eloi, C. *see* Marzouk, H.A. 79953
Elokhin, A.P. Principles for arranging dose-rate meters around a nuclear power plant 99031
Eloranta, E.H. *see* Lindell, I.V. 64070
Elrefaie, A.F. *see* Ali, M.A. 82991
Elrefaie, A.F. *see* Ali, M.A. 86480
Elrefaie, A.F. *see* Goldstein, E.L. 58421
Elrefaie, H.B., Irving, M.R., Zitouni, S. A parallel processing algorithm for co-ordination of directional overcurrent relays in interconnected power systems 99742
Elrharbi, S., Jourdain, M., Meinertzhagen, A. Effect of tunneling electrons in Fowler-Nordheim regime on the current-voltage characteristics and model of degradation of metal-oxide-semiconductor capacitors 81371
Elrharbi, S., Jourdain, M., Meinertzhagen, A., El-Hdiy, A., Petit, C. Charge generation in metal-oxide-semiconductor capacitors during Fowler-Nordheim stress 62327
Elrod, B.D. *see* Phlong, W.S. 52659
Elrod, P.D., Lowry, H.S., Selman, J.D. An integrated approach to space sensor testing 66452
Elrod, S. *see* Demers, A. 65370
Elsaesser, T. *see* Leitenstorfer, A. 81238
Elsasser, W. *see* Fischer, I. 94485
Elsasser, W. *see* Hofmann, M. 50845
Elsasser, W. *see* Hofmann, M. 83065
Elschner, S. *see* Majewski, P. 63269
Elschner, S. *see* Preisler, E. 63267
Elsdon, D. Expert systems for safety-critical applications: theory, technology and applications 54420
Elsen, P.A.van den *see* van den Elsen, P.A.
Elsendoorn, B.A.G. *see* Beijk, C.M. 98976
Elsener, K., Clement, M., Doble, N., Gatignon, L., Grafstrom, P., Moller, S.P., Uggerhoj, E., Worm, T., Hage-Ali, M., Siffert, P. High efficiency beam deflection by planar channeling in bent silicon crystals 67194
Elsener, K. *see* Horvath, D. 53123
Elshabini-Riad, A. *see* Barlow, F. 62197
Elshabini-Riad, A. *see* Jianqing He 70877
Elshafiey, I., Udpa, L., Udpa, S.S. Scattering from two-dimensional objects embedded in multilayered media 83612
Elshafiey, I., Udpa, L., Udpa, S.S. Application of neural networks to inverse problems in electromagnetics 83619
Elsherbeni, A.Z. A comparative study of two-dimensional multiple scattering techniques 83600
Elsherbeni, A.Z., Moumneh, B., Smith, C.E. Analysis of two-conductor multi-layer shielded microstrip transmission line 94931
Elsherbeni, A.Z., Taylor, C.D., Jr. Visualization of two and three dimensional antenna patterns 83831
El'skaya, A.V. *see* Nyamsi Hendji, A.M. 98139
El'skaya, A.V. *see* Piletsky, S.A. 66258
El'skaya, A.V. *see* Shul'ga, A.A. 87310
Elson, J.T., Sangani, H., Chan, C.H. An explicit time-domain method using three-dimensional Whitney elements 94943
Elson, J.T. *see* Chan, C.H. 94937
Elspass, W.J., Paradies, R. Design, numerical simulation, manufacturing and experimental verification of an adaptive sandwich reflector 82207
Elst, G. *see* Vermeiren, W. 49102
Elta, M., Etemad, H., Freudenberg, J.S., Giles, M.D., Grizzle, J.W., Kabamba, P.T., Khargonekar, P.P., Lafortune, S., Meerkov, S.M., Moyne, J.R., Rashap, B.A., Teneketzis, D., Terry, F.L., Jr. Applications of control to semiconductor manufacturing: reactive ion etching 62443
Elta, M. *see* Buie, M.J. 62422
Elta, M. *see* Moyne, J. 60911
Elta, M.E., Fournier, J.P., Freudenberg, J.S., Giles, M.D., Grizzle, J.W., Khargonekar, P.P., Rashap, B.A., Terry, F.L., Jr., Vincent, T. Real-time feedback control of reactive ion etching 62432
Elta, M.E. *see* Rashap, B.A. 81504
Elton, D.J. *see* Murrell, D.L. 63820
Eltoukhy, A. *see* Jiaa, C.L. 72148
Eltoukhy, A. *see* Mahvan, N. 50293
Eltoukhy, A. *see* Teng, E. 50291
Eltoweissy, M. *see* ZeinElDine, O. 65049
Elumalai, V. *see* Wong, J.S.K. 85728
Elwaffa, M.S.Abou *see* Abou Elwaffa, M.S.
Elwalid, A.I., Mitra, D. Statistical multiplexing with loss priorities in rate-based congestion control of high-speed networks 96170
Elwalid, A.I., Widjaja, I. Efficient analysis of buffered multistage switching networks under bursty traffic 85909
Elwenspoek, M. *see* Berenschot, J.W. 56066
Elwenspoek, M. *see* Jansen, H.V. 54997
Elwenspoek, M. *see* Legtenberg, R. 62471
Ely, R. *see* Amidei, D. 98639
Elyutin, N.O. *see* Vologin, V.G. 87859
Elze, T.W. *see* Vetter, K. 76793
Elzey, J. *see* Doyle, L. 59449
Elzinga, M.B. *see* Miller, T.L. 76079
Ema, K. *see* Xie, G. 54149
Ema, T. *see* Kodama, Y. 70531
Ema, Y. *see* Hayashi, T. 71111
Emam, M. *see* El-Shibini, M. 68437
Emami, I. *see* Jones, P. 55690
Emamjomeh, A. *see* Wesling, P. 62032
Emanuel, A.E. *see* Chakravorti, A.K. 78776
Emanuel, A.E. *see* Kaprielian, S.R. 67975
Emanuel, A.E. *see* Kaprielian, S.R. 77867
Emanuel, M. Open management—addressing real business needs 54402
Embabi, S.H.K., Brueske, D.E., Rachamreddy, K. A BiCMOS low-power current mode gate 61650
Embabi, S.H.K., Damodaran, R. Delay models for CMOS, BiCMOS and BiNMOS circuits and their applications for timing simulations 80270
Embabi, S.H.K. *see* Brueske, D.E. 80205
Emberg, P. *see* Kavak, N. 65532
Emberson, H. *see* Witten, I.H. 64877
Embree, P.M. *see* Picot, P.A. 59356
Embry, B. *see* Marschall, R.A. 99226
Emde, M.von der *see* von der Emde, M.
Emelianov, S.Y. *see* O'Donnell, M. 59353
Emelianov, S.Y. *see* O'Donnell, M. 98771
Emelianov, S.Y. *see* Skovoroda, A.R. 59352
Emelyanov, A.I. *see* Busyrev, A.I. 53854
Emel'yanov, A.P., Runets, L.P., Smirnov, A.Ya. The connection of the spectral, time, and energy characteristics of laser radiation with the phase-polarization wavelength selector 63913
Emelyanov, G.M., Zakamulin, V.I., Ivanov, K.V., Kurmyshev, N.V., Yuvzhik, O.Yu. A machine-vision system for the recognition of singular points in the topology of semiconductor chips 62948
Emelyanov, G.M. *see* Guzeev, S.A. 64772
Emelyanov, V.A. *see* Lesnikova, V.P. 70162
Emelyanov, V.A. *see* Turtsevich, A.S. 70152
Emeny, M.T. *see* Tagg, W.I.E. 81323
Emerard, F. *see* Bigorgne, D. 73877
Emerick, A. *see* Viswanadham, P. 91054
Emerson, C. Going underground at Trico Electric 59944
Emerson, C.R. *see* Alexander, M. 80987
Emerson, C.R. *see* Derebail, A. 62019
Emerson, C.R. *see* Maria, A. 62006
Emerson, C.R. *see* Price, D.D. 92761
Emerson, C.R. *see* Srihari, K. 60943
Emerson, D.T. *see* Mayer, C.E. 58533
Emerson, D.T. *see* Pitts, B.L. 61321
Emerson, P.R. The college librarian's guide to accessing the Internet 74905
Emerson, R.M., Hoyt, J.L., Gibbons, J.F. Application of limited reaction processing to atomic layer epitaxy: growth of cadmium telluride using diisopropyl telluride and dimethyl cadmium 70047
Emerson, R.M. *see* Angell, M.J. 61370
Emery, C.C., Jr. Reengineering the requirements process for executive support system development using an electronic meeting system 52242
Emery, J., Karmouch, A. A multimedia document model for continuous media 96410
Emery, J.-Y., Starck, C., Gaumont-Goarin, E., Boulou, M., Fortin, C., Legouezigou, O., Goldstein, L., Lesterlin, D., Julien, F.H., Francis, C. Integrated laser-waveguide structures using selective area intermixing 56414
Emery, J.D. *see* Weeks, A.R. 51710
Emery, J.T. *see* Ball, G.J. 78722
Emery, J.Y. *see* Ponchet, A. 81311
Emery, K., Sherman, B. Upgrading network operations from revenue-sink to revenue generators 85510
Emery, K. *see* Ahrenkiel, R.K. 60470
Emery, K. *see* Bucher, K. 100717
Emery, K. *see* Field, H. 100716
Emery, K. *see* Friedman, D.J. 90444
Emery, K. *see* Green, M.A. 78815
Emery, K.A. *see* Wanlass, M.W. 100666
Emery, K.A. *see* Ward, J.S. 100671
Emery, L. Required cavity HOM deQing calculated from probability estimates of coupled bunch instabilities in the APS ring 87703
Emery, L. *see* Chung, Y. 76475
Emery, M.S. *see* Todd, R.A. 88236
Emery, M.S. *see* Todd, R.A. 98675
Emery, R.J. *see* Church, S.E. 58783
Emery, R.J. *see* Davis, G.R. 58788
Emery, W.J. *see* Rosborough, G.W. 88852
Emeterio, J.L.San *see* San Emeterio, J.L.
Emeterio Prieto, J.L.San *see* San Emeterio Prieto, J.L.
Emets, Yu.P., Obnosov, Yu.V., Onofriichuk, Yu.P. Interaction between touching circular dielectric cylinders in a uniform electric field 57040
Emig, H. *see* Oks, E. 53214
Emig, H. *see* Oks, E. 98497
Emig, H. *see* Spadtke, P. 53215
Emig, H. *see* Spadtke, P. 98498
Emig, H. *see* Wolf, B.H. 98493

Emiliani, G.M.M., Frietman, E.E.E. Automatic classification of EEGs with neural networks 98883
Emiliani, V., Bonanni, B., Presilla, C., Capizzi, M., Frova, A., Ying-Lan Chang, Tan, I.-H., Merz, J.L., Colocci, M., Gurioli, M. Interaction mechanisms of near-surface quantum wells with oxidized and H-passivated AlGaAs surfaces 62237
Emiliani, V. *see* Ying-Lan Chang 55593
Eminov, S.I. The integral equation theory of a thin dipole 95006
Emma, P., Irwin, J., Phinney, N., Raimondi, P., Toge, N., Walker, N.J., Ziemann, V. Beam based alignment of the SLC final focus sextupoles 66874
Emma, P., McCormick, D., Ross, M.C. Beam dispersion measurements with wire scanners in the SLC final focus systems 76451
Emma, P. *see* Adolphsen, C. 76537
Emma, P. *see* Limberg, T. 66969
Emma, P. *see* RaubenHeimer, T.O. 67015
Emma, P.J. *see* Raimondi, P. 66867
Emma, P.J. *see* Raimondi, P. 66868
Emmel, A. *see* Dimaczek, G. 98374
Emmel, E.B. *see* Ehrhardt, K. 68243
Emmer, I., Pritchard, R.G. The influence of some gases on the behaviour of impedance and piezoelectric humidity sensors 75904
Emmer, I. *see* Kaspar, J. 76097
Emmerichs, U., Bakker, H.J., Kurz, H. Generation of high-repetition rate femtosecond pulses tunable in the mid-infrared 94646
Emmerichs, U. *see* Misra, V. 93430
Emmerichs, U. *see* Yasuda, T. 93177
Emmers, E. *see* Van Ginderdeuren, J. 75781
Emmerstorfer, B. *see* Tarof, L.E. 72602
Emmert, G.A. Model for expanding sheaths and surface charging at dielectric surfaces during plasma source ion implantation 62390
Emmes, J. *see* Carlberg, C. 88261
Emmet, W. *see* Fenker, H. 67313
Emmett, J. A technical review of free-air optical links 97305
Emmett, J., Girdwood, C. An audio K-rating—is it possible? 97715
Emmett, J.R. Maintaining audio and video synchronisation with concealed markers 97714
Emmitt, J. 32-bit PI-bus versus 32-bit Futurebus+ performance comparison 59464
Emoto, T. *see* Toyama, S. 66792
Empl, A. *see* Dahmen, M. 87984
Empt, J. *see* Schwille, W.J. 76785
Emptoz, H. *see* Selmaoui, N. 85175
Emrani, A., Balestra, F., Ghibaudo, G. On the understanding of electron and hole mobility models from room to liquid helium temperatures 71636
Ems, S. *see* Naboicheck, S. 49663
Emsallem, A. *see* Beraud, R. 67398
Emsermann, A. *see* Harder, C. 49824
Emshoff, H. *see* Muller, H. 78577
Emsley, A.M., Stevens, G.C. Review of chemical indicators of degradation of cellulosic electrical paper insulation in oil-filled transformers 90086
Emson, C.R.I., Simkin, J., Trowbridge, C.W. A status report on electromagnetic field computation 83417
Emson, C.R.I. *see* Ait-Sadi, R. 51005
Emson, C.R.I. *see* Ait-Sadi, R. 83449
Emson, C.R.I. *see* Bryant, C.F. 83708
Emtage, P.R. *see* Temofonte, T.A. 66482
Emtsev, V.V., Poloskin, D.S., Sobolev, N.A., Shek, E.I. Donor centers in *Cz*-Si containing magnesium introduced by nuclear transmutation doping 81194
Emura, K. *see* Ono, T. 65840
Emura, K. *see* Takada, H. 67037
Emura, T. *see* Abe, M. 89396
Emura, T. *see* Abe, M. 89406
Emura, T. *see* Yanagihashi, K. 89381
En, W., Cheung, N.W. Analytical modeling of plasma immersion ion implantation target current using the SPICE circuit simulator 62384
En, W. *see* Jones, E.C. 62392
En-Fang Sang, Hen-Geul Yeh The use of transform domain LMS algorithm to adaptive equalization 95416
En-Fang Sang, Hen-Geul Yeh Modified LMS algorithms for high speed underwater acoustic signal processing 95454
En-Hsing Chen *see* Meng-Chyi Wu 50693
En-Hui Liu *see* Liu En-Hui
En-Yuan Sun, Rusch, W.V.T. EFIE time-marching scattering from bodies of revolution and its applications 51079
Enachescu, M., Hartmann, E., Koch, F. Writing electronic nanometer structures into porous Si films by scanning tunneling microscopy 49889
Enachescu, M., Hartmann, E., Koch, F. Evolution of visible photoluminescence and surface morphology of ultrathin porous Si films imaged by scanning tunneling microscopy 71072
Enami, K. *see* Itoh, Y. 66030
Enami, K. *see* Jong-Il Park 74493
Encarnacion, P. *see* Brown, B.L. 87797
Encarnacion, P. *see* Brown, B.L. 87935
Enchevich, I. *see* Dinev, D. 98435
Encrenaz, P. *see* Beaudin, G. 88787
Endelema, D. *see* Flory, F. 58989
Ender, J., Saalmahn, O. An active phased array antenna for multichannel SAR 58485
Enderlein, J., Chilla, E., Frohlich, H.-J. Comparison of the mass sensitivity of Love and Rayleigh waves in a three-layer system 66199
Endo, A. *see* Sakata, M. 71377
Endo, A. *see* Yoshida, M. 56283
Endo, E. A method for evaluating effects of energy efficiency improvement an carbon dioxide emission reduction 53851
Endo, E., Kurokawa, K., Hayashi, M. Design-aid expert system for photovoltaic systems 89747
Endo, F. *see* Nanto, H. 63566
Endo, F. *see* Nanto, H. 72579
Endo, H., Matsunaga, C., Hoshi, M., Hayashi, T., Takai, R., Watanabe, E. Determination of dehydroascorbic acid by an enzyme sensor system with a parallel flow cell 98134
Endo, H. *see* Ichimura, Y. 92671
Endo, H. *see* Yamashita, N. 91912
Endo, K., Ohsawa, Y., Zhou, W., Yamagishi, T. 50 Hz power supply for B-factory booster synchrotron 100346
Endo, K. *see* Eguchi, N. 77966
Endo, K. *see* Itano, A. 87686
Endo, K. *see* Kumada, M. 68748
Endo, M., Ghosh, G., Kawakami, T., Iwasaki, T. A wide-band RF activated electrooptic laser beam modulator 94191
Endo, M., Hashimoto, K., Yamashita, K., Katsuyama, A., Matsuo, T., Tani, Y., Sasago, M., Nomura, N. Challenges in excimer laser lithography for 256M DRAM and beyond 61717
Endo, M., Kawakami, T., Iwasaki, T. Laser beam modulator of partially loaded microstrip line structure 63481
Endo, M. *see* Ghosh, G. 82517
Endo, M. *see* Katsumata, M. 61427
Endo, M. *see* Makino, S. 64394
Endo, M. *see* Matsuo, T. 71356
Endo, M. *see* Matsuo, T. 71540
Endo, M. *see* Sasago, M. 49933
Endo, M. *see* Sasago, M. 81733
Endo, M. *see* Yano, K. 71430
Endo, N., Takase, A., Gouhara, S., Takahashi, S., Yanagi, J. An ATM system architecture for seamless network evolution 85252
Endo, N. *see* Subramanian, R. 97175
Endo, S., Kurita, Y., Toda, M., Hayashi, Y. Fuzzy control of load handling for forklift trucks 83574
Endo, S. *see* Matsushita, H. 62212
Endo, S. *see* Nakanishi, H. 62216
Endo, S. *see* Notsu, Y. 63167
Endo, T. *see* Fukushima, A. 86888
Endo, T. *see* Karouni, M.A. 86916
Endo, T. *see* Kinoshita, J. 86928
Endo, T. *see* Murayama, Y. 86834
Endo, T. *see* Sakamoto, Y. 86917
Endo, T. *see* Sumomogi, T. 61402
Endo, T. *see* Yamada, H. 76187
Endo, T. *see* Yoshida, H. 52745
Endo, Y., Miyamae, S., Ando, Y. Numerical analysis of three-dimensional flow fields with combustion and heat transfer in pulverized coal firing boilers 68427
Endo, Y. *see* Yamashita, H. 97663
Endoh, A. *see* Masuda, Y. 61465
Endoh, H. *see* Yamaguchi, M. 73147
Endoh, K. *see* Waguri, S. 58095
Endoh, K. *see* Yoshioka, K. 100566
Endoh, N. *see* Yamashita, H. 97663
Endoh, T., Iizuka, H., Aritome, S., Shirota, R., Masuoka, F. New write/erase operation technology for flash EEPROM cells to improve the read disturb characteristics 61727
Endoh, T. *see* Kamal, A.H.M. 71090
Endoh, T. *see* Nakanishi, Y. 78123
Endoh, T. *see* Takahashi, N. 77352
Endoh, T. *see* Ura, S. 72422
Endoh, Y. *see* Imaizumi, M. 69985
Endoh, Y. *see* Ohtsuka, K. 71108
Endoo, T. *see* Futami, M. 60245
Endoo, T. *see* Notohara, Y. 68882
Endou, E. *see* Kakeya, M. 58243
Endou, O., Furui, T. Multioutput semicustom power supplies 49149
Endow, Y. Harmonizability of a *p*-ADIC stationary process 54663
Endres, A.C. *see* Blanton Godfrey, A. 96290
Enegren, T., Combs, C.M., Goren, Y., Hayworth, M.D., Ringwall, A.D., Swenson, D.A. The SSC RFQ-DTL matching section buncher cavities 67084
Enegren, T. *see* Goren, Y. 67090
Enegren, T. *see* Haworth, M. 76408
Enegren, T. *see* Kwiatkowski, S. 67111
Enfang Sang *see* Sang Enfang
Eng, B.A. *see* Sandwith, C.J. 86605
Eng, K.Y., Pashan, M.A., Martin, G.D., Crue, C.R. An ATM cross-connect system for broadband trials and applications 75146
Eng, L.E. *see* Zhao, B. 83145
Eng, T., Milstein, L.B. Comparison of hybrid FDMA/CDMA systems in frequency selective Rayleigh fading 75206
Eng-Fong Huang, Hsiao-Chuan Wang An efficient algorithm for syllable hypothesization in continuous Mandarin speech recognition 64370
Eng-Fong Huang, Hsiao-Chuan Wang, Soong, F.K. A fast algorithm for large vocabulary keyword spotting application 64371
Eng-Fong Hwang *see* Bor-Shenn Jeng 95296
Engargiola, G., Zmuidzinas, J., Lo, K.Y. A 492 GHz quasioptical SIS receiver for submillimeter astronomy 66011
Engbersen, J.F.J. *see* Brzozka, Z. 58665
Engdahl, G. *see* Lundgren, A. 50388
Engdahl, J. *see* Ndagijimana, F. 91031
Enge, H. *see* Averill, R. 76689
Enge, P., Young, D., Sheynblatt, L., Westfall, B. DGPS/radiobeacon field trials comparing Type 1 and Type 9 messaging 52658
Enge, P. *see* Van Dierendonck, A.J. 65982
Enge, P.K. *see* Virball, V.G. 65736
Engebretson, A.M. Benefits of digital hearing aids 53456
Engebretson, A.M. Acoustic signal separation of statistically independent sources using multiple microphones 84218
Engebretson, A.M. Issues of reverberation regarding acoustic prosthetic devices 98966
Engee, P.K. The Global Positioning System: signals, measurements, and performance 75682
Engel, A. Service interworking in case of mixed MAN/B-ISDN network configurations 58227
Engel, A.G., Jr., Dib, N.I., Katehi, L.P.B. Characterization of a shielded transition to a dielectric waveguide 61877
Engel, B., Muller, H. Network control systems for medium-voltage network management 68051
Engel, F. Walter Weber's technical innovations at the Reichs-Rundfunk-Gesellschaft 54643
Engel, J.P. *see* von Apeldoorn, G. 88116
Engel, K., Karrat, M., Peir, D., Schnettler, A. Classification of internal partial discharges with neural networks 53789
Engel, O.P. *see* Zein, D.A. 82057
Engel, T. *see* Szabo, A. 55774
Engelbeck, G. *see* Wharton, C. 96519
Engelbert, H.-P., Kronig, D. Information technology in the air transportation field 77206
Engelen, J. *see* Ronse, K. 55841
Engelen, J.M.L.van *see* van Engelen, J.M.L.
Engelhardt, M. Effective rapid airframe suppression evaluation (ERASE) 66442
Engelhardt, M. *see* Hubner, H. 81547
Engelke, W., Franc, J.C., Scarlin, R.B., Busse, L. Turbine designs with new steels for high steam parameters. II. Manufacturer-specific design characteristics 68443
Engelkemier, B., Imamura, K., Takahashi, F., Yoshino, T., Nak Sam Chung, Chia-shu Liao Intelsat two-way time transfer experiments between Japan, Korea and Taiwan 86921
Engelkemier, B. *see* Kunimori, H. 98319
Engelmaier, W. Reliability for surface-mount solder joints: physics and statistics of failure 79488
Engelmaier, W. Reliability for surface-mount solder joints: physics and statistics of failure 91158
Engelman, D.M. *see* Norris, C.A. 78371
Engelmann, G., Ehrmann, O., Leutenbauer, R., Schmitz, H., Reichl, H. Fabrication of perfectly three-dimensional microstructures by UV depth lithography 62603
Engels, M., Jansen, R.H. Modeling and design of novel passive MMIC components with three and more conductor levels 92597
Engels, M., Meng, T. Rapid prototyping of a real-time video encoder 75754
Engels, O. *see* Kipper, A. 76527
Engels, R. *see* Lawless, P.A. 68784
Engelson, M. To see spectrum analysis detail fast, match sweep time to measurement 75876
Engelson, M. Improve measurement accuracy with bandwidth related factors in spectrum analysis 97832
Engelstad, M.A. *see* Kwo-Sen Kuo 77395
Engelstad, R.L. *see* Chen, H.T.H. 81605
Engelstad, R.L. *see* Hansen, M.E. 81606
Engemann, J. *see* Bansky, J. 81101
Engemann, J. *see* Theirich, D. 54995
Engen, G., Johnsen, H., Krogstad, H.E., Barstow, S.F. Directional wave spectra by inversion of ERS-1 synthetic aperture radar ocean imagery 77505
Engen, G.F., Adamian, V. Applications of a multistate termination to microwave metrology 87465
Engheta, N. *see* Saadoun, M.M.I. 80553
Engineer, M., Kumar, P., Goodman, L. Application of value engineering to the MRS/MPC conceptual design effort 78289
Engl, H.W. *see* Hanke, M. 79667
Engl, W.L. *see* Abramo, A. 81195
Engl, W.L. *see* Stecher, M. 49052
England, J., Ito, H., Current, M.I., Kamata, T., Malone, P. Charge neutralization during high-current ion implantation 71291
Engler, J. Harmonic distortion of AC line power and methods for measuring harmonic currents 60029
Engler, J., Gils, H.J., Knapp, J., Rebel, H., Supper, R. Signal saturation of strongly ionizing particles in TMS ionization chambers 67334
Engler, M.J., Curran, B.H., Tsai, J.-S., Sternick, E.S., Selles, W.D., Wazer, D.E., Mason, W.P., Sailor, T., Mackie, T.R. Fine tuning of linear

accelerator accessories for stereotactic radiotherapy 77042
Englert, B.-G. *see* Briegel, H.-J. 50716
Englert, B.-G. *see* Wehner, E. 82882
Englert, P.J. *see* Chan, H.A. 60927
Engles, D. *see* Parsad, R.S. 75410
English, J.H. *see* Brar, B. 55618
English, J.R. Material-handling of random packages: design for reliability 54595
English, J.R. *see* Landers, T.L. 69582
English, J.R. *see* Taylor, G.D. 90905
English, L.K. Product liability and the plant engineer: an introduction 60861
English, M.R., Schweitzer, M., Altman, J.A. Interactive efforts between utilities and nonutility parties: constraints and possibilities 89057
English, R. *see* McMahon, T. 88003
English, R. *see* McMahon, T. 88013
English, S. *see* Guillou, C. 77463
English, W., Rogers, C. Automating relay coordination 78187
Englmaier, A., Klein, G., Grubrich, H., Hartmann, H., Gerl, H.P., Plettner, A., Troescher, M. A simulator for parasitic effects on lines including a tool for modeling discontinuities 61470
Englmeier, K.-H., Haubner, M., Fink, U., Fink, B. Image analysis and synthesis of multimodal images in medicine 76934
Englund, M., Tukkiniemi, K., Eronen, H., Mitrunen, A. Fiber optic power and data transmission for on-line measuring and locating of partial discharges in power and instrument transformer 90095
Engman, E.T. *see* Jackson, T.J. 59585
Engquist, B. *see* Osber, S. 54807
Engstrand, J.-A. *see* Robertsson, M.E. 94128
Engstrom, A. *see* Abrahamsson, K. 76307
Engstrom, A. *see* Beebe, E. 53173
Engstrom, A. *see* Beebe, E. 67263
Engstrom, A. *see* Pikin, A.I. 53151
Engstrom, H., Beacham, J. Online photolithography modeling using spectrophotometry and PROLITH/2 81711
Engstrom, M. *see* Abrahamsson, K. 76307
Engstrom, M. *see* Alippi, C. 53346
Engstrom, M. *see* Dell'Acqua, A. 87955
Engstrom, M. *see* Dell'Acqua, A. 98680
Engstrom, O. *see* Xiao, Z. 58813
Enguero, J. *see* Lee, J.K. 50271
Enhuber, G. Computing of wheeling losses 99592
Enichlmair, H., Krenn, H. Thermal-wave-modulated superconducting quantum interference device susceptometry for thin magnetic layers 53033
Enichlmair, H., Thumfart, D., Krenn, H., Preis, K. Optimization of a SQUID flux transformer coupled to ferromagnetic cores for registering the magnetic moment of a two-dimensional sample 58738
Enikeev, G.G., Kanat'ev, L.I. 100-kW wind-electric generating plant 100033
Enis Cetin, A. *see* Arikan, O. 95574
Enjeti, P., diZerega, P. A component-minimized single-phase to three-phase converter for induction motors 68857
Enjeti, P., Shireen, W., Packebush, P., Pitel, I. Analysis and design of a new active power filter to cancel neutral current harmonics in three phase four wire electric distribution systems 68202
Enjeti, P. *see* Bhavaraju, V.B. 59713
Enjeti, P. *see* Bhavaraju, V.B. 68007
Enjeti, P. *see* Bhavaraju, V.B. 68070
Enjeti, P. *see* Kim, S. 68763
Enjeti, P. *see* Kim, S. 68825
Enjeti, P. *see* Laskai, L. 69196
Enjeti, P.N., Choi, S. An approach to realize higher power PWM AC controller 54090
Enjeti, P.N., Martinez, R. A high performance single phase AC to DC rectifier with input power factor correction 54084
Enjeti, P.N. *see* Sulistyono, W. 68802
Enjho, H. *see* Sawada, M. 62781
Enk, J.O. *see* Lanera, D. 89372
Enk, K. *see* Oehme, W.F. 72147
Enke, G.M. *see* Brooks, R.A. 80915
Enke Liu *see* Yuliang Liu 50707
Enkh-Gin, L. *see* Chultem, D. 88174
Enkh-Gin, L. *see* Chutlem, D. 87736
Enkhbold, D. *see* Afanasiev, S.V. 52771
Ennaoui, A. *see* Ellmer, K. 91600
Ennis, J., Blank, E., Cooper, R., Gilbert, J., Tammadge, D. Cautions about the use of equivalent series resistance (ESR) in specifying capacitors 80919
Enns, M., Budler, L., Cease, T.W., Elneweihi, A., Guro, E., Kezunovic, M., Linders, J., Leblanc, P., Postforoosh, J., Ramaswami, R., Soudi, F., Taylor, R., Ungrad, H., Venkata, S.S., Zipp, J. Potential applications of expert systems to power system protection 68292
Eno, J. *see* Pham, D. 92287
Enoki, R. *see* Kimura, I. 65482
Enoki, T. *see* Sasaki, T. 56554
Enoki, T. *see* Umeda, Y. 80767
Enoki, T. *see* Umeda, Y. 80817
Enokihara, A. *see* Setsune, K. 82335
Enokizono, M., Kanao, S., Kawano, S. Two-dimensional magnetic properties of silicon steel sheet subjected to an alternating field 63146
Enokizono, M., Kanao, S., Yuki, K. Permeability tensor of grain-oriented silicon steel sheet 63145
Enokizono, M., Kumoi, M., Kawano, S. Finite element analysis of anisotropic magnetic materials taking rotation magnetization into account 82287
Enokizono, M., Todaka, T., Akita, M., Nagata, S. Rotational magnetic flux sensor with neural network for non-destructive testing 49028
Enokizono, M., Todaka, T., Kanao, S., Sievert, J. Two-dimensional magnetic properties of silicon steel sheet subjected to a rotating field 56202
Enokizono, M., Todaka, T., Maeda, T. Inverse analysis with neural networks 61435
Enokizono, M., Todaka, T., Matsumoto, I., Wada, Y. A levitation-melting system with a flux concentrator 90656
Enokizono, M., Todaka, T., Serikawa, I. Flux distributions in three-phase induction motor with disconnection problem 54013
Enokizono, M., Todaka, T., Yokoyama, T. Flux controlling method of magnetic circuit and its application 51044
Enokizono, M., Tsuchida, Y. Optimal design by boundary element method with fuzzy inference 87796
Enokizono, M., Tsutsumi, H. Finite element analysis for discharge phenomenon 82119
Enokizono, M., Yuki, K., Kanao, S. Magnetic field analysis by finite element method taking rotational hysteresis into account 83473
Enokizono, M. *see* Nagata, S. 80009
Enome, S. *see* Koshiishi, H. 97507
Enome, S. *see* Nakajima, H. 58528
Enomoto, A., Anami, S., Kamitani, T., Hanaki, H., Shidara, T., Sate, I. Linac upgrade plan for the KEK B-Factory 67005
Enomoto, A. *see* Kamitani, T. 87822
Enomoto, A. *see* Ogawa, Y. 76617
Enomoto, A. *see* Ohsawa, S. 76312
Enomoto, A. *see* Toyama, S. 66792
Enomoto, H. *see* Sunaga, M. 53061
Enomoto, M. *see* Iwaki, R. 49734
Enomoto, T. *see* Nomura, M. 49485
Enomoto, T. *see* Yosomiya, M. 79022
Enomoto, Y. *see* Suzuki, K. 83878
Enomoto, Y. *see* Suzuki, K. 93932
Enomoto, Y. *see* Yamaguchi, I. 93959
Enomoto, Y. *see* Yoshikawa, S. 93966
Enoyek, G. *see* Kurth, F. 57027
Enpu Feng *see* Feng Enpu
Enpuku, K., Doi, H. Voltage versus flux relation of DC superconducting quantum interference device using three Josephson junctions 56273
Enpuku, K., Doi, H., Tokita, G., Maruo, T. Modulation voltage of high T_c DC superconducting quantum interference device with damping resistance 56278
Enpuku, K. *see* Shimizu, N. 93925
Enquist, P.M., Slater, D.B., Jr., Hutchby, J.A., Morris, A.S., Trew, R.J. Self-aligned mesa HBT with selective epitaxial regrown emitter and no base etch 62705
Enquist, P.M. *see* Slater, D.B., Jr. 62684
Enquist, P.M. *see* Swart, J.W. 80157
Enright, R. *see* Darnell, M. 97045
Enrique Pelaez, C., Bowles, J.B. Using fuzzy logic for system criticality analysis 54628
Enriquez, F. *see* Bock, B. 53325
Enriquez, L. *see* Duenas, S. 81454
Ensheng Fu *see* Fu Ensheng
Ensle, J., Zimmermann, P. The architecture of the i960 microprocessors: an introduction to programming 70581
Enslin, J.H.R., Jian Zhao, Spee, R. Operation of the unified power controller as harmonic isolator 99640
Enslin, J.H.R. *see* Herman, R. 78086
Enslin, J.H.R. *see* Reinert, J. 68555
Enslin, J.H.R. *see* Reinert, J. 78595
Enslin, J.H.R. *see* Snyman, D.B. 53969
Enslin, J.H.R. *see* Snyman, D.B. 99998
Ensminger, R. *see* Vos, M. 72151
Ensor, D.S. *see* Periasamy, R. 60939
Ensor, D.S. *see* Periasamy, R. 60942
Ensor, D.S. *see* Periasamy, R. 69529
Ensor, E.F. The evolution of wireless: Meeting the mobile user's needs 86216
Ensor, J.R., Ahuja, S.R., Connaghan, R.B., Pack, M., Seligmann, D.D. The Rapport multimedia communication system (demonstration) 65455
Enss, C. *see* Porter, F.S. 54048
Enssle, H.R. Reserve on-line: bringing reserve into the electronic age 96703
Ensslin, K. *see* Schuster, R. 92995
Ensun Jin *see* Jin Ensun
Enta, Y., Horie, T., Miyamoto, N., Takakuwa, Y., Sakamoto, H., Kato, H. Origin of surface-state photoemission intensity oscillation during Si epitaxial growth on a Si(100) surface 61320
Entekhabi, D., Nakamura, H., Njoku, E.G. Solving the inverse problem for soil moisture and temperature profiles by sequential assimilation of multifrequency remotely sensed observations 77316
Entel, M.B. *see* Kachan, M.V. 77457
Entin, M. *see* Schuster, R. 92995
Entine, G., Redus, R.H., Feyder, A., Biggs, P.J. Recent results with a CdTe imaging portal scanner for radiation therapy 59409
Entine, G. *see* Nagarkar, V. 88584
Entine, G. *see* Nagarkar, V. 98651
Entine, G. *see* Pantazis, J. 88314
Entine, G. *see* Pantazis, J. 98600
Entsua-Mensah, C. Strategies for library and information development in Ghana 96752
Enukova, T.A. *see* Aleshin, A.N. 66708
Enxu Ba *see* Ba Enxu
Enyakin, Yu.P. *see* Kotler, V.R. 89562
Enyao Zhang *see* Zhang Enyao
Enz, C.C., Krummenacher, F., Bellazzini, R. A 16 channel CMOS high gain and fast shaping charge amplifier for multielectrode detectors read-out 98685
Enze Luo *see* Luo Enze
Enze Yang *see* Yang Enze
Eo Soo Kwam *see* Soo Kwam Eo
Eom, H.-J. *see* Boerner, W.-M. 77704
Eom, H.-J. *see* Segal, A.C. 86555
Eom, H.J. *see* Lee, J.H. 94910
Eom, H.J. *see* Lee, J.W. 57186
Eom, H.J. *see* Park, T.J. 73553
Eom Hyo Joon *see* Hyo Joon Eom
Eon Kyeong Joo *see* Jong Kil Chae 64317
Eon Park Sang *see* Sang Eon Park
Eon Suk Yoon *see* In Seob Song 76076
Ephraim, Y., Van Trees, H.L. A signal subspace approach for speech enhancement 84046
Ephremides, A. *see* Barnhart, C.M. 85274
Ephremides, A. *see* Chitre, D.M. 86254
Ephremides, A. *see* Weiselthier, J.E. 65593
Ephremides, A. *see* Wieselthier, J.E. 52319
Ephremides, A. *see* Wieselthier, J.E. 65573
Epictetov, L.A. *see* Desourdis, R.I., Jr. 75384
Epictetov, L.A. *see* Sidorov, V.V. 86310
Epifani, M. Nonlinear effects in high-temperature superconducting bolometers 87179
Epifani, M., Mancino, P., Balestrino, G., Marinelli, M., Milani, E., Montuori, M., Ruosi, A., Vaglio, R. Composite bolometer based on high temperature superconducting $Bi_2Sr_2CaCu_2O_{8+x}$ crystals for application in the far infrared 66369
Epifanov, V.M., Zeigarnik, Yu.A., Kopelev, S.Z. Current problems of gas dynamics of advanced gas-turbine cascades with cooled blades 99951
Epikhin, V.M., Vizen, F.L. Two-channel acoustooptical filter with new functional potentials 72503
Epler, J.E. *see* Hofstetter, D. 94528
Epler, J.E. *see* Krames, M.R. 56767
Epler, J.E. *see* Patterson, B.D. 63594
Epp, D. *see* Baumert, R. 100882
Epp, L.W., Stanton, P.H., Jorgenson, R.E., Mittra, R. Experimental verification of an integral equation solution for a thin-walled dichroic plate with cross-shaped holes 73499
Epp, L.W. *see* Hoppe, D.J. 73305
Epp, P.T. *see* Barty, C.P.J. 72774
Epperly, R.A. *see* Buschart, R.J. 60175
Epperly, R.A. *see* Crawford, K.S. 60170
Epperson, J.F. *see* Mahalanobis, A. 64850
Eppinger, A. ASCET—computer aided simulation of engine functions 60597
Eppinger, S.D., Whitney, D.E., Smith, R.P., Gebala, D.A. A model-based method for organizing tasks in product development 69518
Eppler, W.R., Cheong, B.K., Laughlin, D.E., Kryder, M.H. Physical and magnetic microstructure of rapid thermally annealed thin film bismuth-doped garnets 72063
Eppley, K. *see* Caryotakis, G. 67156
Eppley, K.R. Simulation of traveling-wave output structures for high power rf tubes 62120
Eppolito, S. *see* Petras, A. 77928
Eppstein, D. *see* Aronov, B. 69736
Epstein, A.J. *see* Joo, J. 87442
Epstein, A.J. *see* Morin, B.G. 64163
Epstein, G. *see* Cesarsky, C.J. 52955
Epstein, G. *see* Garber, M. 82418
Epstein, J., Timm, S. Designing to the plug and play SCSI standard 65292
Epstein, K. *see* Bantly, J. 88241
Epstein, K. *see* Bantly, J. 98590
Epstein, M. *see* Mandeville, J.B. 76855
Epstein, S.A. *see* Fragola, J.R. 59527
Equer, B. *see* Malamud, G. 88001
Equer, B. *see* Pochet, T. 88062
Equer, B. *see* Pochet, T. 98623
Er, M.H., Ng, B.C. A self-steered array system for microwave communications 73563
Er, M.H., Ng, B.C. A new approach to robust beamforming in the presence of steering vector errors 74086
Er, M.H. *see* Ng, B.P. 57298
Er, M.H. *see* Siew, C.K. 74971
Er, M.H. *see* Siew, C.K. 85844
Er, P. Choosing your cleaning method: evaluation of semiaqueous alternatives 60971
Er Jun Zang *see* Jian Guo Xin 56606
Era, M., Morimoto, S., Tsutsui, T., Saito, S. Organic-inorganic heterostructure electroluminescent device using a layered perovskite semiconductor $(C_6H_5C_2H_4NH_3)_2PbI_4$ 72617
Era, M. *see* Saito, S. 72571
Eran, Y., Weinberg, I., Beard, P. Die-to-database inspection and defect specification 79453
Eran, Y. *see* Elmaliach, N. 60981
Eranen, S. *see* Huhtinen, M. 59073
Eranen, S. *see* Xia, Z. 71307
Erasme, D. *see* Le Quang, D. 80803

Erasmus, S. *see* Lau, J. 92792
Erasmus, S. *see* Lau, J. 92814
Erasmus, S. *see* Solberg, V. 90996
Erb, U. *see* Cheung, C. 70168
Erb, U. *see* Cheung, C. 71973
Erbach, P.S. *see* Sanghadasa, M. 58471
Erbach, P.S. *see* Sanghadasa, M. 75587
Erbach, R. *see* Kauffmann, F. 58668
Erbach, R. *see* Torbicz, W. 66223
Erbay, A.S. *see* Eryurek, E. 53867
Erben, O., Slovacek, M., Zerola, L. Dynamical model of neutron flux density determination from the rhodium self-powered neutron detector current 89475
Erben, U. *see* Kohn, E. 61921
Erben, U. *see* Lipka, K.-M. 62858
Erben, U. *see* Schneider, J. 61918
Erben, U. *see* Schumacher, H. 81844
Erben, U. *see* Schumacher, H. 92530
Erben, U. *see* Schuppen, A. 70869
Erben, U. *see* Strahle, S. 62903
Erbeszkorn, L., Polacsek, A., Szorenyi, A., Vagvolgyi, J. Results of metrological supervision of surface contamination monitors in Hungary 67644
Erbetta, J.H. Developing strategies for Pacific communications 96318
Ercal, F., Chawla, A., Stoecker, W.V., Hsi-Chieh Lee, Moss, R.H. Neural network diagnosis of malignant melanoma from color images 88386
Erceg, F.M. *see* Sung, J.M. 71827
Erceg, V., Rustako, A.J., Jr., Roman, R.S. Diffraction around corners and its effects on the microcell coverage area in urban and suburban environments at 900 MHz, 2 GHz, and 4 GHz 75349
Ercegovac, M.D. *see* Fernando, J.S. 70733
Ercegovac, M.D. *see* Louie, M.E. 70353
Ercole, D. *see* Girardi, G. 51950
Ercoline, W.R., DeVilbiss, C.A., Lyons, T.J. Trends in USAF spatial disorientation accidents—1958-1992 67694
Ercoline, W.R. *see* DeVilbiss, C.A. 67719
Ercoline, W.R. *see* Weinstein, L.F. 99061
Erdem, A.T. A nonredundant set for the bispectrum of 2-D signals 84423
Erdem, A.T., Sezan, M.I. Scalable extension of MPEG-2 for coding 10-bit video 64692
Erdem, A.T. *see* Sezan, M.I. 85003
Erdman, J. *see* Baumbaugh, B. 59149
Erdman, W.W. Wireless communications: a decade of progress 52419
Erdmann, A., Hertel, P., Dotsch, H. Nonreciprocal coupling effects in gyrotropic waveguide structures 94138
Erdmann, H. *see* Leonhard, V. 66221
Erdmann, L. *see* Brauer, A. 56426
Erdmann, R.K., Johns, S.T., Teegarden, K.J., Qazi, S. A simple passively modelocked fiber laser oscillator 56718
Erdmann, W. *see* Burger, J. 98570
Erdmann, W. *see* Pitzl, D. 88027
Erdogan, E., Buyukaksoy, A., Bicakci, O. Plane-wave diffraction by a two-part impedance strip 83640
Erdogan, T., Mizrahi, V. Fiber phase gratings reflect advances in lightwave technology 56342
Erdogan, T., Mizrahi, V. Characterization of UV-induced birefringence in photosensitive Ge-doped silica optical fibers 94107
Erdogan, T., Mizrahi, V., Lemaire, P.J., Monroe, D. Decay of ultraviolet-induced fiber Bragg gratings 72307
Erdogan, T. *see* Giles, C.R. 83091
Erdogan, T. *see* Giles, C.R. 83092
Erdogan, T. *see* Mizrahi, V. 58396
Erdogan, T. *see* Morton, P.A. 56750
Erdogan, T. *see* Morton, P.A. 56761
Erdogan, T. *see* Morton, P.A. 56788
Erdol, N., Basbug, F. Performance of wavelet transform based adaptive filters 84309
Erdol, N., Basbug, F. Use of the wavelet transform in optimal receiver design 84727
Erdol, N., Feng Bao Wavelet transform based optimal receivers 95522
Erdol, N. *see* Feng Bao 95626
Erdol, N. *see* Frederick, T. 58272
Erdol, N. *see* Kalayci, T. 88498
Erdol, N. *see* Zilouchian, A. 80486
Erdos, P., Sarkozy, A., Sos, T. On sum sets of Sidon sets. I 61096
Erdreich, M. *see* Goldenberg, O. 65486
Erdt, W.K. *see* Gusewell, D. 76381
Erdtmann, M. *see* Diaz, J. 79903
Ereditato, A. *see* Buontempo, S. 53296
Ereditato, A. *see* Buontempo, S. 87987
Ereditato, A. *see* Buontempo, S. 98502
Eremchenko, D.V., Makhov, V.I. Diffusion on an elliptical field emission cathode 62049
Eremenko, Z.E., Filipov, Y.F., Kharkovsky, S.N. Hybrid surface magnetoplasma oscillations in the layered semiconductor-dielectric resonator 62331
Eremin, V., Chen, W., Li, Z. Analytical solutions of minimum ionization particle induced current shapes of silicon detectors and simulation of charge collection properties 98607
Eremin, V. *see* Li, Z. 76763
Eremin, V.K., Il'yashenko, I.N., Strokan, N.B. Parallel connection of semiconductor detectors in ion spectrometry 59144
Eremin, V.K., Il'yashenko, I.N., Strokan, N.B. Recombination of nonequilibrium carriers on the tracks of heavy ions in Si 88146
Eremin, V.K. *see* Verbitskaya, E.M. 58995
Eremina, T.T. *see* Kryukov, V.V. 56996
Eren, H. *see* Fung, C.C. 98301
Eren, H. *see* Longbottom, F. 98365
Erenyi, I., Fejes, S. Parallel computation of textural features 51729
Erenyi, I., Vassanyi, I. Textile quality control-challenge for computerized texture analysis 48718
Erenyi, I., Vassanyi, I. Mapping strategies for signal and image processing algorithm parallelization 74288
Erenyi, I., Vassanyi, I. Mapping strategies of image processing algorithms 95764
Erez, E., Leviatan, Y. Current-model analysis of electromagnetic scattering from objects containing a variety of length scales 51059
Erfanian, J., Pasupathy, S., Gulak, G. Reduced complexity symbol detectors with parallel structure for ISI channels 57333
Erfle, R. HyTime as the multimedia document model of choice 58046
Erg, G., Evstigneev, A., Korchuganov, V., Kulipanov, G., Levichev, E., Matveev, Yu., Philipchenko, A., Schegolev, L., Ushakov, V. Injection system for the SIBERIA-2 storage ring 67200
Ergakov, K.V. *see* Betin, A.A. 82900
Ergezinger, S. *see* Parlitz, U. 64278
Ergun, N. *see* Dlaska, K. 91251
Erhan, S. *see* Harr, R. 88209
Erhard, C. Applications of cordless telephone systems 52426
Erhardt, W. *see* Gumbrecht, W. 67444
Erichsen, H. *see* Legarth, J. 90946
Erickson, B. *see* Kumar, D. 95422
Erickson, J. *see* Johnson, K.F. 76427
Erickson, J.D. Fault isolation of undetectable DS-3 bit errors 58040
Erickson, J.D. *see* Grimm, K.A. 53504
Erickson, J.W. *see* Ahmed, S. 71287
Erickson, K.L. *see* Vianco, P.T. 79973
Erickson, K.T. Experiments for an undergraduate automation laboratory 54374
Erickson, M.A., Laub, A.J., Smith, R.S. Calculating eigenvalues and eigenfunctions of hyperbolic systems 61197
Erickson, R. Images of some RCS targets in a number of bistatic angles 65923
Erickson, R., Thulin, L., Richard, G. In-vitro study of mechanical heart valve sound loudness as measured by ISO-532/B 77064
Erickson, R. *see* Cavalli-Sforza, M. 87772
Erickson, R. *see* Hong, J. 60356
Erickson, R. *see* Jiatian Hong 68808
Erickson, R. *see* Klein, S.R. 98488
Erickson, R.W. *see* Ismail, E.H. 54083
Erickson, R.W. *see* Johnston, M.A. 68832
Erickson, R.W. *see* Singer, S. 61509
Erickson, R.W. *see* Yungtaek Jang 68819
Ericson, E.A. *see* Shuchman, R.A. 77432
Ericson, K. *see* Hyyppa, K. 52859
Ericson, M., D'Angelo, W., Scarborough, E., Rogers, S., Amburn, P., Ruck, D. Applications of virtual audio 59492
Ericson, M. *see* D'Angelo, W. 59451
Ericson, M.N., Turner, G.W., McMillan, D.E., Hoffheins, B.S., Todd, R.A., Hiller, J.M. A miniaturized ASIC-based multichannel scaler instrument 87032
Ericson, M.N., Turner, G.W., McMillan, D.E., Hoffheins, B.S., Todd, R.A., Hiller, J.M. A miniaturized ASIC-based multichannel scaler instrument 98667
Ericsson, G., Forsgren, P., Gyllensward, E., Rahkonen, T. Structured development of industrial control systems for power networks 99550
Ericsson, G. *see* Burstrom, B. 54633
Ericsson, J.-O. *see* Svantesson, I. 99906
Eriguchi, K. *see* Ohkuni, M. 71378
Eriguchi, K. *see* Tamaki, T. 93264
Eriguchi, K. *see* Uraoka, Y. 49910
Eriguchi, K. *see* Uraoka, Y. 50103
Eriguchi, K. *see* Uraoka, Y. 81899
Eriksen, P. *see* Robertsson, M.E. 94128
Eriksson, A., Pettersson, K.G., Krenicky, A., Baker, R., Ochoa, J.R., Leibold, A. Experience with gas insulated substations in the USA 90312
Eriksson, A., Stoica, P. Optimally weighted ESPRIT for direction estimation 74029
Eriksson, A., Stoica, P., Soderstrom, T. Markov-based eigenanalysis method for frequency estimation 51445
Eriksson, A., Stoica, P., Soderstrom, T. On-line subspace algorithms for tracking moving sources 84354
Eriksson, A., Stoica, P., Soderstrom, T. Asymptotical analysis of MUSIC and ESPRIT frequency estimates 84535
Eriksson, A., Wikstrom, D. Influence of the hydrophobicity of outdoor insulators on the flashover voltage 89338
Eriksson, A. *see* Stoica, P. 57529
Eriksson, A. *see* Stoica, P. 84392
Eriksson, B. *see* Hallberg, O. 61049
Eriksson, H. MBone: the Multicast Backbone 85635
Eriksson, H., Borjesson, P.O., Odling, P., Holmer, N.-G. A robust correlation receiver for distance estimation 88893
Eriksson, J.-T. *see* Makinen, H. 72268
Eriksson, J.-T. *see* Paasi, J. 82311
Eriksson, K. Reachability is decidable in the numbers game 79553
Eriksson, L., Wienhard, K., Dahlbom, M. A simple data loss model for positron camera systems 88438
Eriksson, L. *see* Cherry, S.R. 88092
Eriksson, L. *see* Dahlbom, M. 76921
Eriksson, L. *see* Larsson, S.A. 59361
Eriksson, L. *see* Sommer-Larsen, P. 55496
Eriksson, L.J. Active sound and vibration control using adaptive digital signal processing 69539
Eriksson, M. *see* Andersson, A. 53104
Eriksson, N. *see* Hagberg, M. 50852
Eriksson, P. *see* Lago, T. 99269
Eriksson, S. *see* Tan, N. 91959
Eriksson, S. *see* Tan, N. 93624
Eriksson, S. *see* Traff, H. 49124
Eriksson, T., Sjoberg, J. Dynamic bit allocation in CELP excitation coding 73873
Eriksson, U., Blixt, P., Tellefsen, J.A., Jr. Design of fiber gratings for total dispersion compensation 72326
Eriksson-Bique, S.-L. Elements generating balayages 91237
Erington, K. *see* Burnett, D. 70511
Erisman, B.P., Martin, F., Redl, R. A novel primary-side controller and an error signal isolator in low cost five-pin packages 49155
Erisman, B.P. *see* Redl, R. 61532
Erisman, B.P. *see* Redl, R. 68074
Erkeng Yu *see* Yu Erkeng
Erkenov, N.Kl. *see* Gorislavets, Yu.M. 90665
Erker, J.W. *see* Silver, M.D. 59239
Erker, J.W. *see* Smith, C.R. 59229
Erko, A.A., Naumenko, I.I., Natalenko, P.P., Tkachenko, O.N. Convolutional signal-code constructions for channels with phase uncertainty 64280
Erko, A.A. *see* Naumenko, N.I. 61607
Erko, A.I. *see* Agafonov, Yu.A. 50568
Erkuan Zhong, Shaotong Chen, Lipo, T.A. Improvements in EMI performance of inverter-fed motor drives 69079
Erkuan Zhong *see* Shaotang Chen 78887
Erkut, E., Ulkusal, Y., Yenicerioglu, O. A comparison of p-dispersion heuristics 91311
Erl-Huei Lu, Hsiao-Peng Wuu, Yi-Chang Cheng, Po-Chiang Lu A field-programmable high-speed encoder for binary cyclic codes 55191
Erl-Huei Lu, Yi-Chang Chen, Hsiao-Peng Wuu A complete decoding algorithm for double-error-correcting primitive binary BCH codes of odd m 73672
Erlandsson, B. *see* Svanberg, S. 50784
Erlebach, A. *see* Schmidt, B. 66218
Erlebach, A. *see* Streil, T. 58691
Erler, K., Jernigan, E. Adaptive image restoration using recursive image filters 74501
Erlich, I. Sensitivity of electromechanical balancing processes to the parameters of synchronous machines 68564
Erlich, S., Yao, K. Convergences of adaptive block simultaneous iteration method for eigenstructure decomposition 57494
Erlun Fang *see* Fang Erlun
Ermakov, A.A. *see* Lukishova, S.G. 72979
Ermakova, E.N. *see* Bernhardt, P.A. 51114
Ermel, M. The burst generator: basic circuit and pulse shape 80186
Ermer, J. *see* Tarrant, D. 100488
Ermer, J.H. *see* Jensen, C.L. 100657
Ermert, H. *see* Lang, M. 76976
Ermert, H. *see* Passmann, C. 98780
Ermert, H. *see* Pollakowski, M. 80007
Ermert, H. *see* Ylitalo, J.T. 59355
Ermolaev, V.T., Gershman, A.B. Fast algorithm for minimum-norm direction-of-arrival estimation 84360
Ermolaeva, A.I. *see* Garyainov, S.A. 93885
Ermolenko, A.V. *see* Borodina, I.A. 71211
Ermolieff, A., Deleonibus, S., Marthon, S., Blanchard, B., Piaguet, J. Study of SiO_2/Si interface states in MOS devices by surface charge spectroscopy. Application to rapid thermal nitridation of silicon 71228
Ermolov, V., Oksanen, M., Luukkala, M. Large time-bandwidth-product correlation using a magnetoacoustic storage correlator 82300
Ermuratskii, P.V. *see* Frolov, A.V. 92635
Ermutlu, M.E. Static image principle for anisotropic layered medium using transmission line analogy 83463
Ermutlu, M.E. *see* Lindell, I.V. 64070
Ern, A., Giovangigli, V., Keyes, D.E., Smooke, M.D. Towards polyalgorithmic linear system solvers for nonlinear elliptic problems 54737
Ernette, D., Silvey, T. Single case turbine design into the 21st Century 89640
Ernst, G. *see* Schuster, R. 92995
Ernst, G.J. *see* Botman, J.I.M. 50884
Ernst, G.J. *see* Mols, R.F.X.A.M. 50769

Erofeenko, V.T. *see* Apollonskii, S.M. 94721
Erofeev, A.V. *see* Al'tshuler, G.B. 59404
Erofeev, A.V. *see* Al'tshuler, G.B. 77050
Erokhin, A.A., Kirichenko, D.E., Kornev, V.K., Mashtakov, A.D., Shchedrin, V.D. An automated multichannel test system for superconducting circuits 87016
Erol, C.B. *see* Gibson, A.J. 86654
Eronen, H. *see* Englund, M. 90095
Erpyleva, S.F. *see* Brykov, S.I. 89478
Erqing Xie *see* Fangqing Zhang 48996
Erramilli, A., Lipper, E.H., Wang, J.L. Some performance considerations for mass market broadband services 86779
Erramilli, A., Willinger, W., Pruthi, P. Fractal traffic flows in high-speed communications networks 65013
Errard, S. *see* Kedous-Lebouc, A. 63139
Errazquin, L. *see* Sanchez-Doblado, F. 99014
Ersak, A. *see* Akpinar, E. 90503
Ershov, A.G. *see* Babushkin, G.I. 60635
Ershov, A.P., Timofeev, I.B., Chuvashev, S.N., Shibkov, V.M. Generation of a highly ionized plasma with a disperse condensed phase 90465
Ershov, A.Yu. *see* Zemskii, V.I. 76103
Ershov, M., Ryzhii, V. High-field electron transport in SiGe alloy 55580
Ershov, M., Ryzhii, V. Procedure for fitting Monte Carlo calculated impact ionization coefficient to experiment 81178
Ershov, M., Ryzhii, V. Monte Carlo study of electron transport in strained silicon-carbon alloy 81253
Ershov, M.S. *see* Egorov, A.V. 59842
Ershov, M.S. *see* Men'shov, B.G. 77865
Ershov, O.G. *see* Danilova, T.N. 56795
Ershov, R.E. The B(H) dependence in static reversal of magnetisation of ferromagnetics 93876
Ershov, Yu.A. *see* Egorov, S.A. 66388
Erskine, C., Ammon, S., Dickson, D. VoicePump: Voice-over-data modem technology utilizing ASM-CELP speech compression at 4800, 7200, and 9600 bits per second 75136
Erskine, J.L. *see* Smith, N.V. 88276
Ersoy, A. *see* Werner, M. 81345
Ersoy, C., Panwar, S.S. Topological design of multihop lightwave networks 86458
Ersoy, O.K. A comparative review of real and complex Fourier-related transforms 48743
Ersoy, O.K. *see* Guozhen Yang 57747
Ertan, H.B., Aftahi, M. SPCAD, a tool for computer aided design of single phase induction motors 89970
Ertas, T., Poon, F.S.F., Denbigh, P.N. Trellis code design and its use for frequency-selective mobile radio channels 51330
Ertekin, R.C., Yingfan Xu Preliminary assessment of the wave-energy resource using observed wave and wind data 68486
Ertel, J. Current technologies for the valorisation of PCBs and electronic waste 79245
Ertl, H. *see* Kolar, J.W. 60322
Ertl, H. *see* Kolar, J.W. 68732
Eru, I.I. Low-noise quasioptical 2.0 mm and 1.5 mm Schottky mixer receivers 80668
Erukhimov, L.M., Ivanov, V.A., Kostromin, V.D., Maksimov, V.S., Mityakov, N.A., Rozanov, S.V., Ryabova, N.V., Uryadov, V.P., Shumaev, V.V. HF ducting control due to modification of the ionosphere by powerful radiation 73357
Ervin, R.D. *see* Chen, K. 78957
Erwei Shi *see* Chae-Ryong Cho 93751
Erwin, A. *see* Carrigan, R.A., Jr. 59039
Erwin, L.L. *see* Shrauger, V.E. 83356
Erwin, S.R., Oatts, M.L., Savulescu, S.C. Predicting steady-state instability 77915
Erxin Zheng, Ming-Jin Chen Biomedical engineering in China. A look at the growth of the BME Society, and advanced education 88344
Eryshkin, A.V. *see* Malyshev, V.V. 66536
Eryurek, E., Upadhyaya, B.R., Erbay, A.S. Software-based fault-tolerant control design for improved power plant operation 53867
Eryurek, E.E., Alguindigue, I.E., Upadhyaya, B.R. A fuzzy logic controller for feedwater regulation in pressurized water reactors 78341
Erzhuan Zhou, Nasle, A. Simulation of DC power distribution systems 68215
Erzin, E., Cetin, A.E. Interframe differential coding of line spectrum frequencies 51395
Erzin, E., Cetin, A.E. Interframe differential vector coding of line spectrum frequencies 73836
Erzin, E. *see* Arikan, O. 95574
Esaki, H., Tsuda, Y., Saito, T., Natsubori, S. Datagram delivery in an ATM-Internet 52155
Esaki, L. The evolution of semiconductor superlattices and other quantum structures 71184
Esarey, E. *see* Joyce, G. 76635
Esarey, E. *see* Krall, J. 76370
Esarey, E. *see* Ting, A. 76371
Esashi, M. *see* Asada, N. 55193
Esashi, M. *see* Asada, N. 61972
Esashi, M. *see* Cabuz, C. 66338
Esashi, M. *see* Henmi, H. 60973
Esashi, M. *see* Minami, K. 55784
Esashi, M. *see* Minami, K. 68926
Esashi, M. *see* Murakami, K. 55785
Esashi, M. *see* Nishimoto, T. 66280
Esashi, M. *see* Yamaguchi, M. 57058
Esayan, S. *see* Lee, J. 71856
Esbensen, H. A macro-cell global router based on two genetic algorithms 91741
Esbensen, H., Mazumder, P. A genetic algorithm for the Steiner Problem in a graph 49081
Escalona, R. *see* Sainz, C. 98332
Escande, E. *see* Francois, F. 79251
Escandon, G.J., Liu, Y., Sonek, G.J., Berns, M.W. Beam magnification and the efficiency of optical trapping with 790-nm AlGaAs laser diodes 56780
Esch, G.van *see* van Esch, G.
Esch, J. *see* Rodwell, M.J.W. 72643
Eschauzier, R.G.H., Hogervorst, R., Huijsing, J.H. A programmable 1.5 V CMOS class-AB operational amplifier with hybrid nested Miller compensation for 120 dB gain and 6 MHz UGF 91919
Eschauzier, R.G.H. *see* Hogervorst, R. 91918
Eschbach, R. Pixel-based error-diffusion algorithm for producing clustered halftone dots 64801
Eschbach, R. *see* Fan, Z. 64674
Eschbach, R. *see* Knox, K.T. 51715
Eschelbeck, G., Moser, T. Distributed traffic-monitoring and evaluation by means of a client-server architecture 86112
Escher, G. *see* Spiess, W. 81620
Eschmann, A., Gardiner, C.W. Stability and switching in whispering-gallery-mode microdisk lasers 50921
Escobar, J., Partridge, C., Deutsch, D. Flow synchronization protocol 74724
Escobar, M.A., Perron, J.C., Barrue, R., Yavari, A.R. Soft-magnetic properties of amorphous tapes after dynamic current annealing 71992
Escola, H. *see* Jobert, M. 77022
Escotte, L., Sejalon, F., Graffeuil, J. Noise parameter measurement of microwave transistors at cryogenic temperature 80667
Escudero, J.I. *see* Luque, J. 53678
Escudero, J.L. *see* Guerrero, H. 54237
Escudero, J.L. *see* Varela, A.J. 50976
Esener, S. *see* Ford, J.E. 56319
Esener, S. *see* Hunter, S. 63357
Esener, S.C. *see* Fan, J. 56515
Esener, S.C. *see* Krishnamoorthy, A.V. 56477
Esener, S.C. *see* Marchand, P.J. 50624
Esener, S.C. *see* Marchand, P.J. 56323
Esener, S.C. *see* Olson, B.H. 56299
Esener, S.C. *see* Olson, B.H. 56317
Esener, S.C. *see* Shih, D.W. 94299
Esfandiari, R. *see* Kobayashi, K.W. 80734
Esfandiari, R. *see* Kobayashi, K.W. 80794
Esfandiari, R. *see* Kobayashi, K.W. 80822
Esfandiari, R. *see* Kobayashi, K.W. 92608
Eshaghian, M.M. *see* Song Chen 52164
Eshelman, L.J. *see* Schaffer, J.D. 55343
Eshghi, K. *see* Rashid, E. 92286
Eshmawy, W. *see* El-Sharkawy, M. 70657
Eshold, J. *see* Knoll, M. 58667
Eshold, J. *see* Knoll, M. 97894
Eshraghi, A., Fiez, T.S., Winters, K.D., Fischer, T.R. Design of a new squaring function for the Viterbi algorithm 80277
Eshraghi, S.A. *see* Rafferty, C.S. 93397
Eshraghian, K. *see* Sarmiento, R. 49478
Esin, S. *see* Hurd, J.W. 76590
Eska, G. *see* Gotz, M. 63322
Eska, G. *see* Meagher, G. 50416
Eska, G. *see* Meagher, G. 88095
Eskandarian, A. *see* Duncan, S.W. 80780
Eskandarian, A. *see* Tu, D.-W. 80779
Eskander, M.N. *see* Zaki, A.M. 60139
Eskelinen, E., Ruuskanen, P., Rasanen, U., Kaleton, M.-B. Low-cost simulator for basic radar signals 58492
Eskelinen, P., Lindroos, J., Matola, M. A low cost ovenized crystal oscillator 91945
Eskelinen, P., Matola, M. Time and frequency transfer through optical fiber 97358
Eskelinen, P., Tiusanen, M., Matola, M., Lindroos, J. A tracking antenna system for polar orbiting satellites 67745
Eskenazi, M., Vormes, E., Monguillot, G., Frachet, B. A new training and assessment technique for cochlear implants 98965
Eskew, M. *see* Drake, K. 48677
Eskew, M. *see* Forman, G.A. 54515
Eskildsen, L. *see* Goldstein, E.L. 58421
Eskildsen, L. *see* Ovadia, S. 86329
Eskildsen, L. *see* Ovadia, S. 97295
Eskinazi, M. *see* Holmes, J.J. 78291
Eskiyerly, M.H. *see* Garcia-Valenzuela, A. 57173
Eslambolchi, H. *see* Burns, H.S. 74858
Eslambolchi, H. *see* Chin-Wang Chao 51993
Eslinger, S. *see* White, F. 62532
Eslyok, E., Teshome, A. Dynamic performance of power systems parameters using eigenvalue sensitivity technique 77860
Esmail, D. *see* Hamed, M. 99636
Esmailzadeh, R. *see* Murata, Y. 75315
Esman, R.D. *see* Frankel, M.Y. 56706
Esman, R.D. *see* Williams, K.J. 58774
Esmeraldo, P.C.V. *see* Nigri, A.I. 53781
Esnault, J.C. *see* Le Person, H. 72654
Esp, D.G., Ekwue, A.O., Macqueen, J.F., Vaughan, B.W. AHFA—a real-time expert system for the incremental diagnosis of multiple faults on a transmission network using the sequence and timing of switching indications 60016
Esp, D.G. *see* Barruncho, L.M. 59753
Esparza, D.A. *see* Giordano, J.L. 52982
Esparza, J. Reduction and synthesis of live and bounded free choice Petri nets 79580
Esparza, J., von Stengel, B. The asynchronous committee meeting problem 61094
Espe, E. A voice communications simulator 77121
Espejo, J.M. *see* Bertran, M. 70615
Espejo, S., Dominguez-Castro, R., Carmona, R., Rodriguez-Vazquez, A. CMOS optical-sensor array with high output current levels and automatic signal-range centring 98014
Espejo, S., Rodriguez-Vazquez, A., Dominguez-Castro, R., Huertas, J.L., Sanchez-Sinencio, E. Smart-pixel cellular neural networks in analog current-mode CMOS technology 80520
Espelid, T.O., Overholt, K.J. DQAINF: an algorithm for automatic integration of infinite oscillating tails 91372
Esper, A.J. *see* Jia, L.X. 94006
Esper, A.J. *see* Lin, X.J. 98479
Espeseth, E. *see* Stueflotten, S. 86511
Espeso, J.I., Fernandez, J.R., Gomez Sal, J.C., Blanco, J.A. Magnetovolume effects on the $GdNi_{1-x}Cu_x$ compounds with low magnetocrystalline anisotropy 72032
Espin, G. *see* Rogoff, R. 71516
Espinosa, D. *see* Greenberg, A.G. 74634
Espinosa, E., Wyncke, B., Brehat, F., Veintemillas, S., Molins, E., Lecomte, C. Far-infrared reflectivity spectra of L-arginine phosphate monohydrate (LAP) 50441
Espinosa, F.R.Montero de *see* Montero de Espinosa, F.R.
Espinosa, G. Development in instrumentation for counting and analysis of particle tracks in solids 88193
Espinosa, P., Huber, L., Lee, F.C., Tabisz, W.A. Study of topologies for high-current bipolar magnet power supplies 64114
Espinosa, R. Managing the cellular signalling network: The industry's most important challenge 86208
Espinosa-Ortiz, N. *see* Shevchenko, V.V. 82644
Espinoza, J. *see* Joos, G. 69076
Espinoza, J. *see* Joos, G. 100321
Espinoza, J.R., Joos, G., Ziogas, P.D. A general purpose voltage regulated current-source inverter power supply 60349
Espinoza, M.R. *see* Moreira, C.G. 77027
Esposito, A., Ferrari, A., Liberatori, L., Pelliccioni, M. Gas bremsstrahlung: a comparison of measurements and simulations 76388
Esposito, E., Ivlev, B., Pepe, G., Scotti di Uccio, U. Proportional regime of a double superconducting tunnel junction detector 87959
Esposito, E. *see* Cristiano, R. 63296
Esposito, E. *see* Cristiano, R. 63311
Esposito, F. *see* Colonna, G. 72669
Esposito, N. *see* Azzerboni, B. 83432
Esposto, F. *see* Bollero, A. 50464
Esposto, F. *see* Bortot, R. 52518
Espy-Wilson, C.Y. A feature-based semivowel recognition system 73792
Esquivias, I. *see* Schonfelder, A. 50857
Esquivias, I. *see* Weisser, S. 63859
Esquivias, I. *see* Weisser, S. 63863
Esquivias, I. *see* Weisser, S. 72916
Esquivias, I. *see* Weisser, S. 94517
Esrom, H. *see* Krokoszinski, H.-J. 79385
Esrom, H. *see* Krokoszinski, H.-J. 81114
Essa, I.A., Darrell, T., Pentland, A. Tracking facial motion 96063
Essabaa, S., Schearer, L.D., Arianer, J., Brissaud, I., Humblot, H., Zerhouni, O. Study of the metastable helium spin polarization in an optically pumped afterglow 53284
Essah, D., Feiste, E., O'Connell, R., Hoft, R.G., Brownfield, G. Harmonic effects of variable speed air conditioners on a single-phase lateral and on the distribution feeders in a typical residential power system. I 69239
Essaleh, L. *see* Wasim, S.M. 71143
Essawy, M. *see* Uhrig, R.E. 68389
Esselle, K.P., Stuchly, M.A. Quasi-static electric field in a cylindrical volume conductor induced by external coils [human body application] 59421
Essen, U. *see* Ney, H. 64388
Esser, A. Contactless charging and communication system for electric vehicles 69140
Esser, H. *see* Bock, R. 59147
Esser, N. *see* Wagner, V. 61278
Essex, E. *see* Rasch, D.J. 57115
Essiambre, R.-J., Vallee, R. Passive mode-locking of solitons using a nonlinear twin-core fiber 56824
Essl, H., Feldman, W., Renz, K. ASC (advanced series compensation) for better utilisation of electrical power transmission networks 59897
Estabil, J.J. *see* Rathore, H.S. 62545
Esten, M. *see* McMahon, T. 88013
Esten, M.J. *see* McMahon, T. 88003
Estep, L. Diffuse attenuation coefficient profiles 88793
Esterowitz, L. *see* Pinto, J.F. 63720
Esterowitz, L. *see* Pinto, J.F. 83012
Estes, G. Computers in post-production: possibilities and challenges 52695

Estes, J.E. *see* Ehrlich, D. 53548
Estes, L.E., Fain, G., Carvalho, D. A shallow water channel characterization for underwater acoustic telemetry 77318
Estes, R.H. *see* Kulesza, F.W. 92853
Esteve, D. *see* Joyez, P. 82376
Esteve, D. *see* Najmi, A. 60590
Esteve, J. *see* Burrer, C. 66216
Esteve, J. *see* Burrer, C. 66242
Esteve, J. *see* Cifre, J. 71293
Esteve, J. *see* Merlos, A. 87084
Esteve, J. *see* Polo, M.C. 70092
Esteve, V. *see* Dede, E.J. 60337
Esteve, V. *see* Dede, E.J. 90658
Esteve, V. *see* Dede, E.J. 100337
Esteves, J., Santana, J., Dente, J.A. Improved position control of a brushless servo motor 90043
Esteves, J. *see* Costa Branco, P.J. 90495
Estle, T.L. *see* Kreitzman, S.R. 76852
Estle, T.L. *see* Paciotti, M.A. 76401
Estola, K.-P. New method for the decomposition of mixed phase systems 95417
Estola, K.-P. *see* Suoranta, R. 80453
Estop, P., Lacaze, A. Stability and losses of AC superconducting conductors 50437
Estop, P. *see* Verhaege, T. 89292
Estrada, E. *see* Sarmiento, H.G. 68004
Estrada, T. *see* Hartfuss, H.J. 76173
Estreguil, C., D'Souza, G. Remote sensing measurement of forest parameters in the insular part of South-East Asia : high/low resolution image data analysis 77594
Estrella, A.D., Jurado, A., Sandoval, F. New training pattern selection method for ATM call admission neural control 51749
Estrella, I. *see* Forman, G.A. 90999
Estreme, F., Chapuis, T., Velazco, R., Karoui, S., Trigaux, R., Benezech, D., Rosier, L.H. SEU and latch-up results for SPARC processors 70579
Estrin, D. *see* Mitzel, D.J. 65041
Esumi, K. *see* Hyono, M. 99213
Esumi, S. *see* Maeda, N. 67351
Eswaran, C. *see* Vijayan Asari, K. 92068
Eswarappa, C., Hoefer, W.J.R. Analysis of a microstrip interdigital filter using TLM and Prony's method 80617
Eswarappa, C., Hoefer, W.J.R. One-way equation absorbing boundary conditions for 3-D TLM analysis of planar and quasi-planar structures 83735
Eswarappa, C., Hoefer, W.J.R. Autoregressive (AR) spectral estimation technique for faster TLM analysis of microwave structures 92476
Eswarappa, C., So, P.P.M., Hoefer, W.J.R. Efficient field-based CAD of microwave circuits on massively parallel processor computer using TLM and Prony's methods 80655
Eswarappa, C. *see* Russer, P. 80656
Etani, A. *see* Masuda, Y. 61465
Etchechoury, M. *see* Solsona, J. 89874
Etemad, H. *see* Elta, M. 62443
Etemad, H. *see* Moyne, J. 60911
Etemad, K., Chelappa, R. A neural network based edge detector 57880
Etemad, S. *see* Carr, G.L. 66350
Etesse, L. *see* Kearsey, B.N. 96348
Etherington, G. *see* Smith, J.R.H. 99011
Ethington, R., Punch, B. SeaWave: a system for musical timbre description 58612
Etiemble, D. *see* Kazeminejad, A. 55242
Etiemble, D. *see* Navi, K. 55226
Etienne, F. *see* Gingrich, D. 53291
Etkin, V., Litovchenko, K., Ivanov, A., Shirokov, P., Alpers, W., Wilde, A., Bruning, C. Comparison of ERS-1 and ALMAZ-1 SAR ocean wave imaging 77450
Etkin, V.S., Kuzmin, A.V., Pospelov, M.N., Smirnov, A.I., Yakovlev, V.V. The determination of sea surface wind and temperature with airborne radiometric data 77464
Etkin, V.S. *see* Bulatov, N.G. 77466
Etlinger, H. *see* Anandan, M. 52989
Etoh, H. *see* Arai, K. 77288
Etoh, J. *see* Kawahara, T. 71832
Etoh, J. *see* Tanaka, H. 49424
Etoh, J. *see* Tanaka, H. 70557
Etoh, M., Shirai, Y., Asada, M. Active contour extraction based on region descriptions obtained from clustering 64707
Etoh, R. *see* Hata, Y. 62921
Etrillard, J., Francou, J.-M., Inard, A., Henry, D. Anisotropic etching of submicronic resist structures by resonant inductive plasma etching 93279
Etrillard, J.J.-P. Reactive ion etching of gallium arsenide in CCl_2F_2 and $SiCl_4$ plasmas: influence of chamber material and etching mask 81471
Etten, W.C.van *see* van Etten, W.C.
Etter, D.M. An evaluation of the new FORTRAN 90 standard relative to DSP algorithm implementations 74031
Etter, D.M. *see* de Leon, P.L., II 55334
Etter, D.M. *see* Margo, V.A. 77761
Etter, D.M. *see* Rasmussen, J.L. 92401
Etter, W., Moschytz, G.S. Noise reduction by noise-adaptive spectral magnitude expansion 64420
Ettinger, G.J. *see* Grimson, W.E.L. 84809
Ettinger, R.D. *see* Cvetovic, S.R. 72387
Etuke, E.O., Hall, D.A., Waterfall, R.C., Beck, M.S., Williams, R.A., Dyakowski, T. Principles of tomographic characterization of a two-particle type dispersion 87587
Etzel, K.T. *see* Blue, L.S. 89536
Etzion, T., Vardy, A. Perfect binary codes: constructions, properties, and enumeration 73721
Etzion, T. *see* Bitan, S. 73642
Etzkorn, H. Submarine fiber-optics without repeaters 86337
Euchi Fukada *see* Xian-Shan Wang 93690
Eugen, H. Commutation without an electrical arc for DC circuits 90280
Eugene, C. *see* Bloch, G. 75925
Eugster, C.C., Del Alamo, J.A., Rooks, M.J., Melloch, M.R. One-dimensional to one-dimensional tunnelling between electron waveguides 62245
Eugster, C.C., Nuytkens, P.R., del Alamo, J.A. A novel analog-to-digital conversion architecture using electron waveguides 61778
Eugster, P. *see* Horvath, D. 53123
Eui Sun Kim *see* Kim Eui Sun
Eui Yeol Oh *see* Jeong Hyun Kim 55944
Eui-Ho Suh *see* Chang-Kyo Suh 74779
Eul, H.J. *see* David, F. 86111
Euler, H.-J. Achieving high-accuracy relative positioning in real-time: system design, performance and real-time results 65977
Euliss, G.W., Athale, R.A. Time-integrating correlator based on fiber-optic delay lines 57650
Eun Kyu Kim *see* Kyung Sik Yoon 79796
Eun Kyu Kim *see* Ozasa, K. 81523
Eun Sok Kim *see* Ried, R.P. 66087
Eun Yong Suk *see* Yong Suk Eun
Eun-Ju Lee *see* Gye-Young Kim 95841
Eun-Soo Kim, Ki-Youn Joe, Geun-Hie Rim A 12 kW switching mode power supply with free input-voltage 68831
Eun-Soo Kim *see* Geun-Hie Rim 100843
Eun-Soon Kim, Seong-Whan Lee An efficient method for restoring nonlinear distorted images with Coons transformation 95840
Eun-Suk Jeon *see* Ju-Heon An 72356
Eun-Young Son *see* Young-Uk Cha 85848
Eung Goo Lee, Doo Soo lee High resolution pitch determination algorithm for fetal heart rate extraction 98930
Eung Oh Jae *see* Jae Eung Oh
Eung Sang Lee, Uchida, T. Relationship between azimuthal surface anchoring strength and chiral pitch required for twisted-nematic liquid crystal display without reverse-twist domain 94208
Eung Soo Kim *see* Ki Hyun Yoon 91644
Eunyoung Sohn, Sugwon Hong, Keunbae Kim, Younguk Cha, Taesoo Chung Network architecture for the introductory phase broadband subscriber access network 85876
Eupen, M.Van *see* Van Eupen, M.
Eurich, J.P. The transition from EDIF 2.0.0 to EDIF 3.0.0. A challenge for the electronic design automation industry 91800
Euthymiou, P.C., Kourkoutas, C.D., Szentpali, B., Kovacs, B., Somogyi, K., Banbury, P.C., Zardas, G.E., Giakoumakis, G.E. A review article on the transport properties in FATFETs upon irradiation 62871
Euxibie, E. *see* Wehenkel, L. 59680
Euzhi Wang *see* Wang Euzhi
Evaldsson, P.A. *see* Kiely, P.A. 62893
Evaldsson, P.A. *see* Taylor, G.W. 82855
Evaldsson, P.A. *see* Taylor, G.W. 94469
Evanoff, J. *see* Radke, G.E., Jr. 54621
Evans, A.G. *see* He, M.-Y. 82198
Evans, A.G.R. *see* Waite, A. 81879
Evans, A.L. *see* Bradnam, M.S. 88491
Evans, A.N., Nixon, M.S. Temporal speckle reduction for feature extraction in ultrasound images 85163
Evans, B.D. Survivability of quantum-well optoelectronic devices for space applications 67725
Evans, B.G. *see* Bi, G. 92408
Evans, B.G. *see* Danesfahani, G.R. 51519
Evans, B.G. *see* Danesfahani, G.R. 52442
Evans, B.G. *see* Hadjitheodosiou, M.H. 86247
Evans, B.G. *see* Ong, L.K. 64356
Evans, B.G. *see* Soheili, R. 84105
Evans, B.G. *see* Sun, Z. 65714
Evans, B.G. *see* Taaghol, P. 52431
Evans, B.G. *see* Yeldener, S. 96868
Evans, B.L., Bamberger, R.H., McClellan, J.H. Rules for multidimensional multirate structures 57543
Evans, B.L., Gardos, T.R., McClellan, J.H. Imposing structure on Smith-form decompositions of rational resampling matrices 57564
Evans, B.L., McClellan, J.H., Trussell, H.J. Investigating signal processing theory with Mathematica 74032
Evans, C., Haimov, S., Moore, R.K., Hesany, V. Determination of ocean environmental parameters from a Ka-band scatterometer 99217
Evans, C., Rees, D., Jones, L., Hill, D. Measurement and identification of gas turbine dynamics in the presence of noise and nonlinearities 98364
Evans, D. *see* Arbique, G. 76524
Evans, D. *see* Way, J. 77590
Evans, D.H. *see* Aydin, N. 59359
Evans, D.H. *see* Aydin, N. 76939
Evans, D.J., Galligani, E. A parallel additive preconditioner for conjugate gradient method for AX+XB=C 69841
Evans, D.J., Yousif, W.S. The solution of unsymmetric tridiagonal Toeplitz systems by the strides reduction algorithm 54763
Evans, D.J. *see* Amin, S.A. 66146
Evans, D.J. *see* Caf, D. 69661
Evans, D.J. *see* Gusev, M. 61168
Evans, D.J. *see* Pena, T.F. 81756
Evans, D.R., Leet, D.M. 3% Ti-tungsten diffusion barriers. I. A discussion of the role of the A15 structure 70066
Evans, E., Rees, D., Jones, L. Nonlinear disturbance errors in system identification using multisine test signals 74011
Evans, G. *see* Burrill, V. 97685
Evans, G.A. Two robust methods for irregular oscillatory integrals over a finite range 61198
Evans, G.A. An alternative method for irregular oscillatory integrals over a finite range 91371
Evans, G.A. *see* Wang, C.A. 50819
Evans, G.E., Dvorak, S.L., Fast, S.A. Efficient computation of Fresnel zone fields associated with circular apertures 83835
Evans, H. *see* Anderson, B.E. 88246
Evans, H.B., Eaves, L., Henini, M. Quantum well luminescence at acceptors in p-i-n resonant tunnelling diodes 62674
Evans, H.L., Lowry, R.K., Schultz, W.L., Morthorst, J., Lenahan, P.M., Conley, J.F. Enhancing reliability of CMOS devices using electrical techniques and electron spin resonance spectroscopy 62991
Evans, H.L. *see* Conley, J.F., Jr. 81377
Evans, J. *see* Fayette, D.F. 54497
Evans, J. *see* Fayette, D.F. 54497
Evans, J. *see* Margittai, P. 99107
Evans, J. *see* Ross, I.N. 63669
Evans, J.A. *see* Mayhew, G.L. 65951
Evans, J.A. *see* Nishinaga, E. 52364
Evans, J.B. Efficient FIR filter architectures suitable for FPGA implementation 80441
Evans, J.B. Analysis of a low complexity variable step size adaptive algorithm 84305
Evans, J.B. *see* Champion, T.G. 73906
Evans, J.B. *see* Chi-Jui Chou 70753
Evans, J.B. *see* Gupta, C.N. 64944
Evans, J.F. *see* Fictorie, C.P. 91617
Evans, J.H. *see* Williams, G.A. 69188
Evans, J.M. *see* Key, M.H. 50731
Evans, J.W. *see* Sy-Yuan Shieh 71325
Evans, K., Jr. *see* Chung, Y. 66897
Evans, K., Jr. *see* Chung, Y. 76474
Evans, K., Jr. *see* Chung, Y. 76478
Evans, K.D. *see* Wang, J.R. 77407
Evans, K.W. *see* Fincham, W. 69177
Evans, L.R. LEP status and future plans 76431
Evans, M.J., Yates, K.W. Optimum harmonic spacing for MT-MFSK synchronisation symbols 51300
Evans, M.J. *see* Beise, C.M. 85798
Evans, M.J. *see* Mawby, P.A. 71619
Evans, N. Speech technology lets machines do the talking 70661
Evans, N.E. *see* McIlroy, S.J. 97809
Evans, N.G., Hamlyn, M.G., Bowden, A.L. Firing debased alumina ceramics using microwave energy 100949
Evans, O.B. *see* DiCarlo, J. 81670
Evans, P. *see* Godber, S.X. 76085
Evans, P.A., Blood, P., Roberts, J.S. Carrier distribution in quantum well lasers 83133
Evans, P.J., Watt, G.C., Noorman, J.T. Metal vapor vacuum arc ion source research at Ansto 98491
Evans, P.M. *see* Mosleh-Shirazi, M.A. 88046
Evans, P.S.A. *see* Taylor, D. 80408
Evans, R. Effects of losses on signals in PWB's 80965
Evans, R. *see* Musicki, D. 65874
Evans, R. *see* Musicki, D. 75555
Evans, R. *see* Musicki, D. 75598
Evans, R.A. *see* Walke, R.L. 80495
Evans, R.A. *see* Woods, R.F. 70656
Evans, R.J. *see* Adams, G.J. 57555
Evans, R.J. *see* Kershaw, D.J. 95586
Evans, R.J. *see* Li, Z. 73989
Evans, R.J. *see* Maybeck, P.S. 75554
Evans, R.J. *see* Maybeck, P.S. 77784
Evans, R.L., Everett, M.E. Discrimination of hydrothermal mound structures using transient electromagnetic methods 77294
Evans, R.W. *see* Morozoff, P.E. 98756
Evans, S.P. Time dependent behaviour and large deviations analysis for a virtual path in a b-ISDN 52234
Evans-Lutterodt, K.W. *see* Green, M.L. 81463
Evard, M. Collaborative networked communication: MUDs as systems tools 96726
Evbuomwan, N.F.O., Sivaloganathan, S., Jebb, A. Design function deployment—a design for quality system 54564
Evdokimov, V.M. *see* Lidorenko, N.S. 60459
Evdokunin, G.A. *see* Aleksandrov, G.N. 99770
Evdokunin, G.A. *see* Bazutkin, V.V. 100389
Even, O. *see* Barak, J. 70379
Even, O. *see* Levinson, J. 70462

Evenson, K.M., Che-Chung Chou, Bach, B.W., Bach, K.G. New CW CO_2 laser lines: the 9-μm hot band 72682
Evenson, K.M. *see* Che-Chung Chou 86910
Evenson, K.M. *see* Maki, A.G. 82930
Evenson, K.M. *see* Vasconcellos, E.C.C. 94340
Evenson, K.M. *see* Zink, L.R. 72694
Everest, A.W., III *see* Oberhardt, M.R. 88633
Everett, M. *see* Clayton, C.E. 76626
Everett, M. *see* Hairapetian, G. 76749
Everett, M.E. *see* Evans, R.L. 77294
Everington, M.L., Augousti, A.T. A simple fibre optic shaft monitor for measurement of rotational frequency 87226
Everitt, D. *see* Chan, P.T.H. 65653
Everitt, D.E. Traffic engineering of the radio interface for cellular mobile networks 86134
Everitt, N.M. *see* Rego, C.A. 79913
Everline, C.J. Illustration of integrating mechanistic best-estimate analysis results in Level 1 probabilistic risk assessment 68398
Evers, Kasties, G. Differential GPS in a real time land vehicle environment-satellite based Van Carrier Location System 86255
Evers, H., Kasties, G., Jeske, R. Differential GPS in a real time land vehicle environment-satellite based van carrier location system 65732
Evers, N. *see* Rohatgi, A. 81202
Everson, M.P. *see* Scholl, D. 75908
Evetts, J.E. *see* Ghyselen, B. 82382
Evoy, S., Bernier, M.-H., Desjardins, P., Izquierdo, R., Meunier, M., Sacher, E. Diode laser-induced pyrolytic decomposition of spin-coated organometallic thin films 62510
Evripides, A. Modular power supplies: a buyer's guide 61562
Evstigneev, A. *see* Erg, G. 67200
Evstratov, F.F., Kolossov, A.A., Kuzmin, A.A., Shustov, E.I., Yakunin, V.A., Abramovich, Yu.I., Alebastrov, V.A. Over-the-horizon radiolocation in Russia and Ukraine: the history and achievements 53583
Evstropov, V.V., Zhilyaev, Yu.V., Lipko, A.L., Mynbaeva, M.G., Nazarov, N., Fedorov, L.M. Photoelectric properties of surface-barrier Au-n-GaP structures on Si substrates 49816
Evstropov, V.V., Zhilyaev, Yu.V., Nazarov, N., Sergeev, D.V., Fedorov, L.M. Electrical and photoelectric properties of anisotypic GaP/Si heterostructures grown by gallium phosphide vapor-phase epitaxy 55616
Evtihiev, N.N., Onyky, B.N., Perepelitsa, V.V., Scherbakov, I.B. Neural networks based on multichannel acoustooptic modulator 72520
Evtimova, S. *see* Yakimova, R. 92935
Evtody, B.N. *see* Katz, E.A. 62147
Evtuchenko, A.V. *see* Danilichev, M.V. 77467
Evtukhovich, P.G. *see* Baranov, V.A. 76849
Evtushenko, A.V. *see* Kiemle, C. 77403
Evtushenko, A.V. *see* Smirnov, M.T. 77376
Evtushenko, G. Gold-vapor laser. Present state of the art, design and application 94355
Evtushenko, G.S., Troitskii, V.O. Effective conversion of copper-vapor laser emission in a β-BaB_2O_4 crystal 63927
Evtushenko, G.S. *see* Gorchakov, L.V. 63636
Evtushenko, G.S. *see* Mel'chenko, S.V. 63638
Evzhenko, V.M., Chebotarevsky, A.G. Current situation with regard to PCB production in the western part of the former USSR 92767
Ewan, B.C.R., Swithenbank, J. The feasibility of fast single-bit sampling for multi-point laser Doppler anemometry 53084
Ewart, P. *see* Williams, R.B. 98357
Ewart, T.E. *see* Ritcey, J.A. 97466
Ewart, T.E. *see* Rouseff, D. 99275
Eweda, E. Comments on "A comparison of two quantized state adaptive algorithms" 51453
Ewell, G. *see* Hamiter, L. 80933
Ewell, G.J. *see* Navarro, R.J. 81049
Ewen, J.F. *see* Soyuer, M. 70316
Ewen, P.J.S. *see* Kosa, T.I. 72279
Ewing, K.J., Bilodeau, T., Nau, G., Schneider, I., Aggarwal, I.D. Detection of low levels of trichloroethylene vapor with Raman spectrometry 98030
Ewing, R.E., Lazarov, R.D. Approximation of parabolic problems on grids locally refined in time and space 48873
Ewing, R.I. Application of a safeguard radiation detector to qualifying spent reactor fuel for transport 87975
Excell, P.S. *see* Abd-Alhameed, R.A. 51219
Excell, P.S. *see* Centeno, A.E. 51181
Exell, R.H.B. *see* Islam, M.R. 67825
Exner, D. The INMARSAT satellite mobile radio systems 65741
Exner, H.E. *see* Lienkamp, M. 91663
Exposito, A.Gomez *see* Gomez Exposito, A.
Exposito, J. *see* Kelly, G. 91019
Exter, M.P.van *see* van Exter, M.P.
Extermann, P. *see* Adam, A. 88087
Extermann, P. *see* Adam, A. 88102
Extermann, P. *see* Adriani, O. 88023
Extermann, P. *see* Ambrosi, G. 53302
Extermann, P. *see* Battiston, R. 53350
Extremera, A. Squeezing and displacement of the phonon bath environment in a superconducting tunnel junction 82356
Eycken, L.Van *see* Van Eycken, L.
Eyckmans, W. *see* Gerds, E.J. 80500
Eyer, A. *see* Hartiti, B. 100642
Eyer, A. *see* Schatzle, P. 92927
Eyer, A. *see* Schindler, R. 100630
Eyers, T., Bradlow, H., Anido, G. Selective repeat receiver delay, with application to SSCOP 85337
Eyharts, Ph., Anthouard, P., Bardy, J., Bonnafond, C., Delsart, Ph., Devin, A., Eyl, P., Grua, P., Labrouche, J., Launspach, J., Le Taillandier, P., de Mascureau, J., Merle, E., Roques, A., Thevenot, M., Villate, D. First operation of the LELIA induction accelerator at CESTA 66799
Eyharts, Ph. *see* de Mascureau, J. 67025
Eyink, J. *see* Sadowski, C. 88929
Eyink, K.G. *see* Block, T.R. 91509
Eyl, P. *see* de Mascureau, J. 67025
Eyl, P. *see* Eyharts, Ph. 66799
Eylon, S., Henestroza, E., Chupp, W.W., Yu, S. K^+ ion source for the heavy ion induction linac system experiment ILSE 76736
Eylon, S. *see* Bardnard, J.J. 67052
Eylon, S. *see* Henestroza, E. 67051
Eylon, S. *see* Rutkowski, H.L. 53187
Eylon, S. *see* Rutkowski, H.L. 66802
Eylon, S. *see* Rutkowski, H.L. 67265
Eylon, S. *see* Yu, S. 67027
Eyman, L.M. *see* Runnels, S.R. 62482
Eymard, L., Le Cornec, A., Tabary, L. The ERS-1 microwave radiometer 77231
Eymard, R. *see* Ehrlich, J. 79673
Eymery, J., Tatarenko, S., Bouchet, N., Saminadayar, K. Study of the first-stage relaxation in ZnTe/(001)CdTe strained layers 69924
Eynard, C. *see* Berruto, E. 74728
Eynde, F.Op't *see* Op't Eynde, F.
Eyraud, L., Eyraud, P., Rey, S., Troccaz, M. Elaboration process and study of Nb-Ni substituted PZT ceramics with high d_{33} and ϵ_r coefficients 50142
Eyraud, L. *see* Gonnard, P. 56130
Eyraud, L. *see* Gonnard, P. 56173
Eyraud, L. *see* Gonnard, P. 90040
Eyraud, L. *see* Richard, C. 56113
Eyraud, L. *see* Richard, C. 56147
Eyraud, P. *see* Eyraud, L. 50142
Eyraud, P. *see* Richard, C. 56113
Eyraud, P. *see* Richard, C. 56147
Eyres, L.A. *see* Angell, M.J. 61370
Eyring, A. *see* Anderson, B.E. 88246
Eyring, G. Policy implications of green product design 54474
Eyssa, Y. *see* Miller, J.R. 82404
Eyssa, Y.M., Xianrui Huang DC-DC converter for discharging energy storage magnets 90101
Eyssa, Y.M. *see* Bird, M.D. 83547
Eyssa, Y.M. *see* Bird, M.D. 83549
Eyssa, Y.M. *see* Gao, B.J. 83548
Ezaka, T. *see* Rokugawa, S. 77276
Ezaki, T. *see* Nakashi, K. 70333
Ezawa, M. *see* Furuyama, T. 92208
Ezerskii, S.O. *see* Guzenko, G.A. 75756
Ezhov, S.A. *see* Vasilevich, L.F. 65867
Ezingeard, J.-N., Schmid, F. High-quality language teaching for engineers based on integrated language acquisition 54367
Ezquer, R.G., de Adler, N.O., Heredia, T. Predicted and measured total electron content at both peaks of the equatorial anomaly 88757
Ezumi, H. *see* Keitoku, S. 100465
Ezz El-Arab, M. *see* El-Shennawy, K.M. 93858
Ezzell, G.A. Quality assurance of treatment plans for optimized high dose rate brachytherapy—planar implants 67610

Fa Hai Li *see* Li Yu Cao 89875
Fa-Long Luo *see* Luo Fa-Long
Faa-Jeng Lin *see* Ghang-Ming Liaw 69091
Faas, S.E. *see* Hogan, J.R. 52812
Fabbricatore, P., Gemme, G., Moreschi, E., Musenich, R., Parodi, R., Zhang, B., Baccaglioni, G., Rossi, L., Caracino, P., Vellego, G. Electrical properties of superconducting Bi-based silver sheathed wires and coils 82476
Fabbricatore, P., Musenich, R., Gemme, G., Parodi, R., Bi Zhang Field inhomogeneity effect on the quench current of LHC dipole magnets 87784
Fabbricatore, P. *see* Baccaglioni, G. 87617
Fabbricatore, P. *see* Bellomo, G. 67122
Fabbrizio, G.Di *see* Di Fabbrizio, G.
Fabeni, P. *see* Niki, M. 80900
Faber, J.S. *see* Hollander, R.W. 81165
Faber, M.T. *see* Adamski, M.E. 94801
Fabian, H. *see* Buchner, H. 89491
Fabian, H.-U. German nuclear energy use and NPP operation 68367
Fabian, W. *see* Yau, W. 80827
Fabian, W. *see* Yau, W. 92586
Fabiano, B. *see* Rossetto, L. 49144
Fabiano, B. *see* Rossetto, L. 60320
Fabiny, L., Vohra, S.T., Bucholtz, F. High resolution fiber-optic voltage sensors based on the electrostrictive effect 98043
Fabjan, C. *see* Kronberger, H. 69121
Fabjan, C.W. *see* Gingrich, D. 53291
Fabre, A. New formulations to describe translinear mixed cells accurately 61493
Fabre, A., Mimeche, N. Class A/AB second-generation current conveyor with controlled current gain 70730
Fabre, C. *see* Giacobino, E. 50954
Fabre, J.-P. *see* Aoki, S. 53304
Fabre, J.-P. *see* Ziou, D. 85173
Fabre, J.-P. *see* Ziou, D. 95653
Fabre, N. *see* Itoua, S. 71442
Fabregat, R. *see* Marzo, J.L. 65085
Fabregat-Gesa, R., Marzo-Lazaro, J.L., Sole-Pareta, J., Domingo-Pascual, J. Adaptive routing based on real-time calculations using the convolution approach 85363
Fabricius, N. *see* Wolf, B. 82701
Fabris, A. *see* Krafcsik, I. 53122
Fabris, A. *see* Massarotti, A. 66817
Fabris, R., Daclon, F., Giannini, M., Tommasini, D., Tosolini, P. The septum magnets system of Elettra 67199
Fabris, R., Tosolini, P. Test results of the 8.35 kA, 15 kV, 10 pps pulser for the Elettra kickers 67185
Fabrizi, F., Novati, D. Automation in buildings: innovations in electrical equipment and components 69025
Fabrizio, E.Di *see* Di Fabrizio, E.
Fabrycky, W.J. *see* Shaalan, H.E. 77911
Fabula, T., Wagner, H.-J., Schmidt, B., Buttgenbach, S. Triple-beam resonant silicon force sensor based on piezoelectric thin films 66179
Facchiano, T. *see* Rosenquist, W.A. 89572
Faccio, M. *see* Cantalini, C. 66537
Faccio, M. *see* Pelino, M. 97950
Facco, A., Sokolowski, J.S., Ben-Zvi, I., Chiaveri, E., Elkonin, B.V. Bulk niobium low-, medium- and high-β superconducting quarter wave resonators for the ALPI postaccelerator 67085
Fach, A. *see* Zogg, H. 58830
Fach, A. *see* Zogg, H. 61259
Fach, M.A., Bottner, H., Schlereth, K.-H., Tacke, M. Embossed-grating lead chalcogenide buried-waveguide distributed-feedback lasers 63767
Fachang He *see* He Fachang
Fachc, N. *see* Coen, G. 51193
Fackrell, J.W.A., McLaughlin, S. The higher-order statistics of speech signals 64350
Facoetti, H. *see* Robin, P. 75970
Facq, P. *see* Pagnoux, D. 50485
Fadda, E., Amblard, G.R., Weill, A.P., Prola, A. Characterisation of the development of DNQ/novolac resists by surface energy measurements 81660
Fadda, M. *see* Wang, T. 76877
Faddeev, I.P., Radik, S.V., Mokravtsov, M.V. Some ways of improving the reliability and economic efficiency of wet-steam power turbines 53937
Fadeev, A.S. *see* Bychkova, L.V. 73541
Fadeeva, N.E. *see* Biryukov, A.V. 69086
Fadeeva, T.A. *see* Volyar, A.V. 56364
Fadeeva, T.A. *see* Volyar, A.V. 56365
Fadeeva, T.A. *see* Volyar, A.V. 94071
Fadel, M., Cheron, Y. Design of control laws for switching power converter based on the output filter energy consideration. Utilization of the "second method" of Lyapunov 90137
Fadul, F.K., Krahe, R.P. A DSP-based power integrated circuit controller/driver board for stepper motors 78661
Faehl, R. *see* Fazio, M. 76844
Faehl, R.J. *see* Rej, D.J. 62387
Faehl, R.J. *see* Stringfield, R.M. 71045
Faey, M.R. *see* Sato, K. 70034
Fafard, S. *see* Gossard, A.C. 91443
Fafard, S. *see* Leonard, D. 54841
Fagan, A.D. *see* McElroy, C. 84106
Fagan, T.J., Jr. *see* Singh, S.K. 90055
Fagernes Nestli, T., Nilsen, R. Evaluation and comparison of predictor models for rotor flux calculation in induction motors 100136
Faghih-Habibi, M., Afarideh, H. Response of the CN-85 SSNT detector to low-energy protons and deuterons 88156
Faghri, M., Asako, Y. Prediction of turbulent three-dimensional heat transfer of heated blocks using low-Reynolds number two-equation model 69571
Fagin, B., Renard, C. Field programmable gate arrays and floating point arithmetic 80243
Faglia, G., Nelli, P., Sberveglieri, G. Frequency effect on highly sensitive NO_2 sensors based on RGTO SnO_2(Al) thin films 66545
Faglia, G. *see* Di Natale, C. 98159
Faglia, G. *see* Sberveglieri, G. 66254
Faglia, L. *see* Paglialunga, A. 96810
Faglia, L. *see* Paglialunga, A. 96818
Faguan Wan *see* Wan Faguan
Fague, D.E. Open loop modulation of VCOs for cordless telecommunications 65676
Faguere, D. *see* Underwood, C.I. 70492
Fagundes, J.C. *see* Barbi, I. 68824
Fahai Li *see* Yaoming Wang 90605
Fahai Li *see* Li Fahai

Fahd, G.N. *see* Sheble, G.B. 59726
Fahey, J., Moreau, W., Welsh, K., Miura, S., Eib, N., Spinillo, G., Sturtevant, J. Design of a bottom anti-reflective layer for optical lithography 81648
Fahey, J. *see* Conley, W. 81650
Fahey, J. *see* Sturtevant, J. 71515
Fahey, W. *see* Khabbaz, B. 86221
Faheyk, P. *see* Nesbit, L. 92191
Fahlander, M. *see* Sandlund, L. 63171
Fahmie, M. Design of the Advanced Light Source timing system 76219
Fahmy, F.H. Scheduling and resource allocation of nonconventional power systems via multi level approach 100045
Fahmy, M.F., Yassin, Y.M., Raheem, G.A., Haweel, T.I. Design of fixed point state space digital filters with low round-off noise 49544
Fahmy, M.M. *see* Oguz Sunay, M. 92409
Fahndrich, A. LAN migration to ATM: preconditions and methods 58183
Fahnenbrock, S., Klockow, D. A solid electrolyte sensor as an alarm device to detect chlorinated hydrocarbons in exhaust gas 66550
Fahrig, R., Mainprize, J.G., Robert, N., Rogers, A., Yaffe, M.J. Performance of glass fiber antiscatter devices at mammographic energies 88419
Fahrner, W.R., Loffler, S., Klausmann, E., Neitzert, H.C. Determination of generation lifetime in trap-rich and layered semiconductors by metal-oxide-semiconductor measurements 71244
Fahrner, W.R. *see* Burchard, B. 82837
Fahrner, W.R. *see* Neitzert, H.C. 81386
Fahs, J.H. *see* Gibby, M.G. 97438
Fahy, C. *see* Nolan, P.J. 77998
Fahy, M. *see* Dewdney, A.J. 81231
Fahy, M. *see* McAndrews, G. 79487
Fahy, M.R. *see* Horikoshi, Y. 54868
Fahy, M.R. *see* Pratt, A.R. 79777
Fahy, M.R. *see* Sato, K. 70062
Fai Chan, Y. *see* Olson, L.D. 89712
Fai Chan Chun *see* Chun Fai Chan
Fai Fan, Mouftah, H.T. Performance evaluation of a source service node architecture under random traffic 96786
Faidi, S.E., Msallem, A., Cavalcanti, E., Newman, R.C., Scantlebury, J.D. Electrochemical measurements in high impedance systems 87592
Faig, W. *see* Olaleye, J. 53529
Faillon, G. *see* Clerc, G. 67231
Fain, G. *see* Estes, L.E. 77318
Fainberg, Ya.B. *see* Antonov, A.N. 92465
Fainberg, Ya.B. *see* Berezin, A.K. 92466
Fainberg, Ya.B. *see* Berezin, A.K. 92892
Fainberg, Ya.B. *see* Berezina, G.P. 97216
Fainberg, Ya.B. *see* Bliokh, Yu.P. 92464
Fainberg, Y.B. *see* Batishchev, O.V. 76369
Faine, E.A. International digital TV service via Intelsat 86739
Fainman, Y. *see* Cantanzaro, B. 83387
Fainman, Y. *see* Ford, J.E. 56319
Fainman, Y. *see* Ford, J.E. 82765
Fainman, Y. *see* Jian Ma 83362
Fainman, Y. *see* Sasaki, H. 63359
Fainman, Y. *see* Sasaki, H. 82527
Fainman, Y. *see* Takahashi, H. 56941
Fainman, Y. *see* Urquhart, K.S. 64033
Fainman Yeshayahu *see* Yeshayahu Fainman
Faipei Zhang *see* Yuping Sun 50396
Fair, I.J., Bhargava, V.K., Wang, Q. On the spectral characteristics of continuous guided scrambling line codes 95154
Fair, J.A. *see* Tsai, W. 81515
Fair, R. *see* Yanof, A. 81586
Fair, R.B. *see* Mirabedini, M.R. 81916
Fairhurst, M.C. *see* Allgrove, C.C. 64759
Fairhurst, M.C. *see* de Carvalho, A. 84600
Fairles, R., Glowasky, B. Analytical and experimental studies of smart materials and structures incorporating embedded piezoelectric actuators and fiberoptic sensors [for aerospace structures] 88626
Fairlie, S.A. Modulation of the output of an XeCl* laser by the generation of electrical solitons 63670
Fairman, F.W. *see* Zhenghao Shi 64430
Fairman, F.W. *see* Zhenghao Shi 74092
Fairney, D.P., Fairney, P.T. On the accuracy of point curvature estimators in a discrete environment 51695
Fairney, P.T. *see* Fairney, D.P. 51695
Fairney, W. Reactive power—real or imaginary? 53664
Fairweather, G. *see* Sloan, I.H. 48864
Fais, L. *see* Yato, F. 95270
Faist, J., Capasso, F., Sivco, D.L., Sirtori, C., Hutchinson, A.L., Cho, A.Y. Quantum cascade laser 50869
Faist, J., Capasso, F., Sivco, D.L., Sirtori, C., Hutchinson, A.L., Cho, A.Y. Quantum cascade laser: an intersub-band semiconductor laser operating above liquid nitrogen temperature 56799
Faith, M. *see* Leech, P.W. 49870
Faivre, J.C. *see* Martin, A. 67356
Faiz, J., Feyzi, M.R., Ali-Abbasi, K.B. Performance prediction and analysis of shaded pole induction motors considering asymmetrical flux distribution and saturation effects 89951
Faiz, J., Ghasemzadeh, S. Teaching aids for electrical machines laboratory 48602
Faiz, J., Sharifian, M.B.B. Core losses estimation in a multiple teeth per stator pole switched reluctance motor 78605
Faizoun, C.A., Saint, G. The Sahara Sahel Observatory AVHRR project: an effort and strategy to improve the accuracy of AVHRR data and derived information 77292
Faizuddin, T.G. *see* Rao, D.N. 77392
Fajardo, F., Comedi, D., Chambouleyron, I. Indium and gallium p-type doping of hydrogenated amorphous germanium thin films 62409
Fajfar, I., Bratkovic, F. Finding all stable equilibria of cellular neural networks 49609
Faji Wang *see* Wang Faji
Fajt, S. *see* Domitrovic, H. 99319
Fajt, S. *see* Somek, B. 96421
Fake, M. *see* Auge, J. 50759
Fake, M. *see* Kikushima, K. 86347
Fakhraie, S.M., Konrad, A., Smith, K.C. Neurocomputation techniques in sampled-data electromagnetic field problems 83450
Fakhraie, S.M., Smith, K.C. Generalized artificial neural networks (GANN) 80543
Fakhro, S.Q. Towards an improved understanding of the effects of operational inductances on the performance characteristics of reluctance motors 100092
Fakhro, S.Q. *see* Akbaba, M. 100093
Faklis, D., Hoppe, M.J. Effects of diffraction efficiency on the performance of diffractive relay optics 66629
Falah Ali, Honary, B. A symbol synchronisation technique for multi-tone multiple access channel transmission system 51790
Falaleev, S.P. *see* Dmitriev, V.I. 57046
Falangas, E.T., Dworak, J.A., Koshigoe, S. Controlling plate vibrations using piezoelectric actuators 77104
Falaschi, A., Baldassarra, A., Martinelli, G., Ricotti, L.P. Ergodic hidden control neural network for modelling of the speech process 73827
Falcao, D.M., Arias, M.A. State estimation and observability analysis based on echelon forms of the linearized measurement models 77847
Falcao, D.M. *see* Campagnolo, J.M. 77844
Falch, M., Henten, A., Skouby, K.E. Economic implications of introduction of new telecommunication services 51949
Falcigno, P. *see* Munzel, N. 81617
Falco, C.M. *see* Lange, D.A. 61255
Falco, C.M. *see* Montcalm, C. 63543
Falco, C.M. *see* Montcalm, C. 72548
Falcomati, G. *see* Daponte, P. 67989
Falcone, K.A. *see* Tonguz, O.K. 52555
Falcone, M. *see* Salza, P.L. 64339
Falcone, R.W. *see* Donnelly, T.D. 72705
Falcone, R.W. *see* Eder, D.C. 63677
Falconer, D.D. *see* Abdulrahman, M. 65559
Falconer, D.D. *see* Despins, C.L. 52416
Falconer, D.D. *see* Zhang, C.G. 65555
Falconer, R.S. *see* Vetelino, J.F. 93853
Falconi, B. *see* Quadrini, E.M. 76829
Falconi, B. *see* Quadrini, E.M. 85621
Falconieri, M., Salvetti, G. Effects of co-dopant concentrations and excitation conditions an the 2 μm fluorescence dynamics in Tm, Ho:YLF crystals 82984
Faldella, E., Rossi, C. High efficiency PWM techniques for digital control of DC-AC converters 68787
Faleev, N.N. *see* Abramov, A.V. 54911
Faleev, N.N. *see* Gruzdov, V.G. 79860
Falen, S.W. *see* Wasenko, J.J. 88400
Fales, C.L. *see* Huck, F.O. 85463
Faley, M.I. *see* Kunkel, G. 93938
Falferi, P., Cerdonio, M., Franceschini, L., Macchietto, R., Vitale, S., Zendri, J.P. A high inductance kHz resonator with a quality factor larger than 10^6 82510
Falferi, P. *see* Franceschini, L. 50405
Falguere, D. *see* Duzellier, S. 70465
Falguere, D. *see* Duzellier, S. 70474
Falin, G. The $M^k/G/\infty$ batch arrival queue with heterogenous dependent demands 91194
Falin, G., Khalil, Z., Stanford, D.A. Performance analysis of a hybrid switching system where voice messages can be queued 51759
Falin, G.I., Diaz, M.M., Artalejo, J.R. Information theoretic approximations for the M/G/1 retrial queue 91202
Falinower, C.M., Mari, B. SACSO: an expert system for fossil-fuel power plant operations 68422
Falk, H. *see* Brodie, I. 71039
Falk, H. *see* Garth, L.M. 73979
Falk, R.A. *see* Adams, J.C. 56552
Falk, U. *see* Hickel, W. 63431
Falk Lederer *see* Torres, J.P. 83309
Falke, U. *see* Floter, A. 79859
Falkenberg, W.H., Hartt, J.R., Vetter, A.A. The AirStar—a precision GPS parallel swath guidance and tracking system 65959
Falkenstorfer, O. *see* Schwider, J. 50543
Falkenstorfer, O. *see* Sickinger, H. 82677
Fal'ko, V.I. *see* Khaetskii, A.V. 81784
Falkov, E. Airplane and helicopter laboratories for Earth remote sensing in the range of 0.4-14 μm 67782
Fal'kovich, I.S. *see* Stepanova, N.A. 64137
Fal'kovich, S.E. *see* Volosyuk, V.K. 99156
Falkowski, B.J. Spectral transforms for incompletely specified multiple-valued input binary functions 51292
Falkowski, B.J. Properties and ways of calculation of multi-polarity generalized Walsh transforms 69666
Falkowski, B.J., Chip-Hong Chang Efficient algorithms for forward and inverse transformations between Haar spectrum and binary decision diagram 70454
Fall, J.P.G. Management of the lead acid battery in the motor car 90372
Fallah, M.H. Managing TQM in a large company 69616
Fallahi, M., Dion, M., Chatenoud, F., Templeton, I.M., Barber, R. High temperature operation of circular-grating surface-emitting DBR lasers fabricated on an InGaAs/GaAs structure 50827
Fallahi, M. *see* Chunmeng Wu 56757
Fallahi, M. *see* Janz, C.F. 82718
Falleiros, M.C., Hadler N., J.C., Iunes, P.J., Navia, L.M.S., Paulo, S.R., Reichardt, K., Zuniga G., A. Measurement of low and stationary flux density of thermal neutrons using a fission track technique 98649
Faller, D. A high speed amplified lightwave receiver for time domain measurements 75494
Faller, N. *see* Eichenherr, H. 77641
Faller, R. *(editor)* 8th Symposium on Microprocessor Based Protection Systems 87006
Fallico, G. *see* Spinella, C. 79823
Fallon, M., Walton, A.J. Measurement of minimum line widths using Fallon ladders 56056
Fallon, M., Walton, A.J. Sources of error in the extraction of ΔW [MOSFET models] 62754
Fallon, M., Walton, A.J., Stevenson, J.T.M., Ross, A.W.S. Design considerations for a Gaudi test structure which can be used to determine the optimum focus 81400
Fallon, M. *see* Walton, A.J. 55684
Fallon, M. *see* Walton, A.J. 62925
Fallot-Burghardt, W., Hawblitzel, C., Hofmann, W., Knopfle, K.T., Seeger, M., Brenner, R., Nygard, E., Rudge, A., Toker, O., Weilhammer, P., Yoshioka, K. Radiation effects on the Viking-2 preamplifier-readout chip 88244
Fallside, F. *see* Lizhong Wu 95253
Falta, J., Reuter, M.C., Tromp, R.M. Growth modes of Ge on GaAs(001) 79844
Faltens, A. *see* Fawley, W.M. 67031
Faltens, A. *see* Seidl, P. 67030
Faltens, A. *see* Yu, S. 67027
Falter, D.D. *see* McElhaney, S.A. 58992
Falter, J., Medina, R., Schmidt, H.-L. Concepts of artificial affinity systems for sensor development 67443
Faltermeier, J.F. *see* Guilbert, B. 60287
Faltermeir, J.-F. *see* Guilbert, B. 54054
Faltin, C., Ludwar, G. Measurement of pressure waves generated by fault arcs and verification of developed simulation software 53079
Faltus, Z. *see* Farar, P. 66758
Falzon, L. *see* Berry, P.E. 85277
Fama, F. *see* Diamanti, R. 61729
Fameliaris, A.K., Vournas, C.D. Inverse dynamics control of a steam power plant 53926
Famouri, P., Cooley, W.L. Design of DC traction motor drives for high efficiency under accelerating conditions 78939
Fan, A. *see* Sheung, J. 69769
Fan, C. *see* Shih, D.W. 94299
Fan, C.-X., Lu, D.F., Wong, K.W., Xin, Y., Xu, B., Alzayed, N.S., Chester, M., Knapp, D.E. High temperature RF SQUID gradiometer applied to non-destructive testing 70196
Fan, C.M. *see* Namazi, N.M. 57691
Fan, C.M. *see* Namazi, N.M. 84775
Fan, D. *see* Wentai Liu 80278
Fan, F.Z. *see* Zhou, G.L. 71714
Fan, G.H. *see* Abdul-Ridha, H.H. 70136
Fan, G.H. *see* Armstrong, S.R. 48955
Fan, G.X. *see* Tang, Y.Q. 83440
Fan, H., Li, Q. A δ-operator recursive gradient algorithm for adaptive signal processing 84307
Fan, H., Xiaqi Liu Delta Levinson and Schur-type RLS algorithms for adaptive signal processing 74068
Fan, H. *see* Doroslovacki, M. 84306
Fan, H. *see* Miao, K.X. 57541
Fan, J., Catanzaro, B., Cheng, C.K., Lee, S.H. Partitioning of opto-electronic multichip modules 50699
Fan, J., Catanzaro, B., Kiamilev, F., Esener, S.C., Lee, S.H. Architecture of an integrated computer-aided design system for optoelectronics 56515
Fan, J., Catanzaro, B., Ozguz, V.H., Cheng, C.K., Lee, S.H. Design considerations and algorithms for partitioning opto-electronic multichip modules 50703
Fan, J., Hamada, T., Cheng, C.K., Lee, S.H. Free space optoelectronic system placement based on quadratic approximation 80039
Fan, J., Zaleta, D., Cheng, C.K., Lee, S.H. Physical layout algorithms for computer generated holograms in optoelectronic MCM systems design 56588
Fan, J. *see* Wolff, L.B. 84789

Fan, J.C., Kalman, R.F., Kazovsky, L.G. A comparison of three analog optical links for high dynamic range applications 86459
Fan, J.C. *see* Kalman, R.F. 75475
Fan, J.Y., McDonald, J.D. A real-time implementation of short-term load forecasting for distribution power systems 78078
Fan, J.Y. *see* Chang, H.P. 76581
Fan, L., Wu, M.C., Lee, H.C., Grodzinski, P. 10.1 nm range continuous wavelength-tunable vertical-cavity surface-emitting lasers 83051
Fan, L. *see* Aydin, N. 59359
Fan, L. *see* Chen, Y.K. 92546
Fan, L. *see* Magerko, M.A. 80860
Fan, L. *see* Navarro, J. 51244
Fan, L.-S., Lane, L.H., Robertson, N., Crawforth, L., Moser, M.A., Reiley, T.C., Imaino, W. Batch-fabricated milli-actuators 60270
Fan, L.S. *see* Furuhata, T. 60269
Fan, M., Zhang, X., Zhang, T., Liang, C., Tao, Q., Chao, Z., Chu, C., Li, T., Hu, Y., Chen, Y., Zhang, H., Jia, H., Jiao, C., Liu, J., Zhang, W., Zhou, C., Jiao, J., Hou, Y. Measurement and adjustment of CIAE medical cyclotron magnet 76680
Fan, M. *see* Zhang, T. 66931
Fan, N.-Q. *see* Miller, J.H., Jr. 93939
Fan, P.Z., Darnell, M. Maximal length sequences over Gaussian integers 73578
Fan, P.Z., Darnell, M., Honary, B. New class of polyphase sequences with two-valued auto- and crosscorrelation functions 64552
Fan, Q. *see* de Barbaro, P. 98584
Fan, R., Suzuki, H., Yamada, K., Nakagawa, T., Nagano, H., Kodachi, T. Expandable ATOM switch (XATOM) 96913
Fan, S.W. *see* Beling, C.D. 87662
Fan, T.Y. Aperture guiding in quasi-three-level lasers 50899
Fan, T.Y. *see* Sumida, D.S. 83021
Fan, X. *see* Damianou, C. 98925
Fan, X.W. *see* Yang, B.J. 63557
Fan, X.W. *see* Zhao Futan 83279
Fan, Y. *see* He, L. 91516
Fan, Y. *see* Hua, G.C. 83103
Fan, Y. *see* Salokatve, A. 72873
Fan, Y.C., Ju, M.S., Tsuei, Y.G. Experimental study on vibration of a rotating blade 76280
Fan, Y.J. *see* Wang, R.L. 57832
Fan, Y.X. *see* Qiu, M.W. 83033
Fan, Z. Stability analysis of error diffusion 85016
Fan, Z., Eschbach, R. JPEG decompression with reduced artifacts 64674
Fan, Z. *see* Reed, J. 55952
Fan Bei *see* Bei Fan
Fan Chang-Xin *see* Chang-Xin Fan
Fan Changxin *see* Gui Luoning 85904
Fan Changxin *see* Changxin Fan
Fan Cheng *see* Cheng Fan
Fan Chih-Peng *see* Chih-Peng Fan
Fan Chongcheng *see* Chongcheng Fan
Fan Chonglun *see* Chonglun Fan
Fan Desen, Wang Yuanxun The global numerical boundary condition of second kind and its applications to open-region electromagnetic field problems 64052
Fan Desen *see* Desen Fan
Fan Dianyan *see* Dianyan Fan
Fan Fai *see* Fai Fan
Fan Genghua *see* Genghua Fan
Fan Hanrong *see* Hanrong Fan
Fan Hong *see* Hong Fan
Fan Jen-Teng *see* Jen-Teng Fan
Fan Jiang *see* Jiang Fan
Fan Kuo-Chin *see* Kuo-Chin Fan
Fan Laiyao, Zhang Xubao, Ji Hongbing A study of Fourier analysis for staggered sampling sequence 83902
Fan Lu *see* Lu Fan
Fan Mingtian *see* Mingtian Fan
Fan Mingwu *see* Mingwu Fan
Fan Pin-Zhong *see* Xu Zhi-Zhan 82890
Fan Qi-Hua *see* Qi-Hua Fan
Fan Qikang *see* Qikang Fan
Fan Shaoqing *see* Shaoqing Fan
Fan Shemin, Qiu Guanyuan Two approaches of modifying neural-based A/D converter circuits 61771
Fan Shou-Kong *see* Shou-Kong Fan
Fan Wei *see* Wei Fan
Fan Weicheng *see* Yuan Jinshe 60131
Fan Yangmei *see* Yangmei Fan
Fan Yanbe, Wang Jianli, Wang Chuan Performance analysis of internal buffered crossbar-based ATM switches with LQFS policy 85259
Fan Yi *see* Yi Fan
Fan Yu, Baines, G.D., Chalmers, B.J. Generalized procedure for transient simulation of electrical machines and circuits 78858
Fan Yudian *see* Yudian Fan
Fan Zhang *see* Meliopoulos, A.P.S. 77868
Fan Zhengfang, Xu Xiaojian, Zhao Su High resolution imaging with wideband millimeter-wave radar 86581
Fan Zhengxiu *see* Yuan Lixiang 56840
Fan Zhibo *see* Zhibo Fan
Fan Zhong *see* Cohen, J.D. 81193
Fan Zhou *see* Yuliang Liu 50707
Fan-Kuok-Zung *see* Senko, V.I. 80122
Fanciulli, M. *see* Jin, S. 81176
Fanclulli, M. *see* Demichelis, F. 71142
Fandin Meng *see* Meng Fandin
Fandino, J. *see* Hadjsaid, N. 53649
Fandino, J. *see* Hadjsaid, N. 78191
Fandino, J. *see* Quoc, T.T. 89067
Fandino, J. *see* Quoc, T.T. 89068
Fandino, J. *see* Tuan, T.Q. 59776
Fandrich, M. *see* Baker, A. 92225
Fanelli, A.M. *see* Abbattista, F. 83988
Fanelli, M. *see* Dickson, M.H. 78478
Fanet, H. *see* Breuze, G. 75435
Fang, C. *see* Joshi, S.P. 82208
Fang, D., Soicher, H. Interactive HF communications planning tool 73342
Fang, H., Krisch, K.S., Sodini, C.G., Chung, J.E., Antoniadis, D.A. Ultrathin furnace reoxidized nitrided oxide gate dielectrics for extreme submicrometer CMOS technology 63006
Fang, H., Perrone, M.R. Numerical simulation of excimer lasers with unstable resonators 94325
Fang, J., Laermann, K.H., Dai, F.L. Fringe carrier methods and their applications to interferometry of photomechanics 76218
Fang, L. *see* Feng, Y.J. 94033
Fang, M., Chen, S., Wang, X. Surface fitting from digitized data points 51725
Fang, R. *see* Strasser, A. 59025
Fang, R.S. *see* Huang, T.S. 55870
Fang, S., Murakawa, S., McVittie, J.P. Modeling of oxide breakdown from gate charging during resist ashing 93692
Fang, S.P., Taylor, H.F. High-performance single-mode fiber-optic switch 82546
Fang, T., Sweetman, E., Frank, A.L. N-butyl butyrate: an environmentally benign trichloroethane substitute for MCM manufacturing at AT&T 81099
Fang, T. *see* How, H. 73506
Fang, T.-M. *see* How, H. 73469
Fang, T.-N. *see* Hung, K.-M. 93321
Fang, T.D., Talwar, D.N., Giles, N.C. Principal strain tensor elements for (h,h,k)-oriented cubic crystals: An application to ZnSe-based heterostructures 92959
Fang, W.-C., Shaw, T., Yu, J., Lau, B., Lin, Y.-C. Parallel morphological image processing with an opto-electronic VLSI array processor 74506
Fang, W.-C. *see* Chen, O.T.-C. 95666
Fang, X., May, R.G., Wang, A., Claus, R.O. A fiber-optic high-temperature sensor 87218 .
Fang, X., See, E. Adapted multiple folding local trigonometric transforms and wavelet packets 54805
Fang, X. *see* de Vries, M.J. 98066
Fang, X.-S. *see* Nayar, S.K. 96038
Fang, Y. *see* Yuan, Z.-X. 84057
Fang, Y.G. *see* Wu, X. 57899
Fang, Y.K., Chen, K.-H., Liu, C.-R., Hwang, J.-D., Wu, K.-S., Liou, W.-R. Observation of very high peak-to-valley current ratio (≥9.4) in amorphous silicon/silicon-carbide double barrier structure with barrier enhancement layer 93310
Fang, Y.K. *see* Chen, C.W. 81572
Fang, Y.K. *see* Hsieh, J.C. 50007
Fang, Y.K. *see* Hsieh, J.C. 55981
Fang, Z.-Q. *see* Look, D.C. 79787
Fang Chen *see* Jie Gu 84728
Fang Da-Gang *see* Da-Gang Fang
Fang Da-Zhong, Chung, T.S., David, A.K. Fast transient stability estimation using a novel dynamic equivalent reduction technique 77848
Fang Da-Zhong, Song Wen-Nan, Chung, T.S. A modification to the fast decoupled load flow for power system with low X/R ratio branches 59744
Fang Da-Zhong *see* Chung, T.S. 59684
Fang Da-Zhong *see* Chung, T.S. 99469
Fang Da-Zhong *see* Chung, T.S. 99518
Fang Da-Zhong *see* Liu Wei-Zhong 60379
Fang Ditang Parallel neural networks for speaker-independent all-Chinese-syllable speech recognition 95308
Fang Dufei *see* Sun Chuanchen 53269
Fang Erlun *see* Zhang Ling 94743
Fang Fuqi, Xiang Hua Computation of the short circuit fault in power system using expert system 99445
Fang GongYao *see* Zhang He 60484
Fang Guangyou, Zhang Zhongzhi, Wang Wenbing The calculation of EM scattering by buried objects in dispersive media through the FD-TD method 94784
Fang Hao *see* Hao Fang
Fang Hong-Gee *see* Hong-Gee Fang
Fang Hui *see* Hui Fang
Fang Huijun *see* Ou Yang Shan 80487
Fang Jiayuan *see* Jiayuan Fang
Fang Jing *see* Jing Fang
Fang Jyan-Min *see* Jyan-Min Fang
Fang Libua *see* Wang Faji 52921
Fang Lu *see* Chi Sheng 62436
Fang Lu *see* Qiang Xu 81179
Fang Luo, Mulder, N.J. Model based object recognition through hypothesis and parameter matching 77668
Fang Peng *see* Peng Fang
Fang Qiwan, Jiang Zhuanfu, Ying Zhixiang, Chen Tengbin, Wu Huichun, Wang Jizhong, Xu Zhongsheng Study of signal to noise ratio for laser rangefinder 57032
Fang Sili, Zhu Fang The application of power system stability in the world 77994
Fang Sung-Chuan *see* Sung-Chuan Fang
Fang Sychyi *see* Sychyi Fang
Fang Ta-Ming *see* Ta-Ming Fang
Fang Wen-Chang *see* Wen-Chang Fang
Fang Wen-Hsien *see* Wen-Hsien Fang
Fang Xi-Sheng *see* Xi-Sheng Fang
Fang Xiangyun *see* Zhiglinsky, A.G. 56646
Fang Xiao Ming *see* Xiao Ming Fang
Fang Xiaojun *see* Xiaojun Fang
Fang Xiaori *see* Xiaori Fang
Fang Xu, Ford, J.E., Yeshayahu Fainman Polarization selective computer generated holograms and applications 50969
Fang Yean-Kuen *see* Yean-Kuen Fang
Fang Yeau-Keuen *see* Yeau-Keuen Fang
Fang Yonggang *see* Yonggang Fang
Fang Yuguang *see* Yuguang Fang
Fang Yuh Yeh *see* Shui Jinn Wang 62650
Fang Yung-Ming *see* Yung-Ming Fang
Fang Zhen An MLP model applicable to rural energy system 68151
Fang Zhen Rural energy resources: applications and consumption in China 68359
Fang Zhenhe, Shen Changhong, Zhang Mingxing, Wang Yi Microprocessor-based phase tracker for fibre optic gyroscope application 76044
Fang Zhenhe, Zhang Ming-Xing, Shen Chang-Hong, Wang Yi The HAL-3 radar test set 77140
Fang Zhiliang *see* Lin Ying 74471
Fang Zhiliang *see* Lu Mingzhe 50652
Fang Zhu *see* Zhu Fang
Fang Zhuo *see* Zhuo Fang
Fang-Chen Cheng, Ogunfunmi, T. A 2-D transform domain adaptive filter based on the 2-D DCT 74537
Fang-Fang Yin, Schell, M.C., Rubin, P. Input/output characteristics of a matrix ion-chamber electronic portal imaging device 98933
Fang-Yu Huang *see* Pei-Zong Lee 74190
Fang-Yu Huang *see* PeiZong Lee 74066
Fang-Zheng Peng, Fukao, T. Robust speed identification for speed-sensorless vector control of induction motors 89980
Fang-Zheng Peng *see* Tungpimolrut, K. 89981
Fang-Zheng Peng *see* Tungpimolrut, K. 90522
Fanghanel, K. *see* David, B.R. 56281
Fangjie Chu *see* Chu Fangjie
Fangong Cai *see* Cai Fangong
Fangqiao Zhou *see* Zhou Fangqiao
Fangqing Zhang, Erqing Xie, Bin Yang, Yongming Cai, Guanghua Chen Synthesis and infrared absorption characteristics of boron-doped semiconducting diamond thin films 48996
Fangqing Zhang, Yongping Guo, Zhizhong Song, Guanghua Chen Deposition of high quality cubic boron nitride films on nickel substrates 70155
Fangshi Xue *see* Xue Fangshi
Fangwei Zhang *see* Jiayou Feng 91463
Fangxin Chen *see* Xiaoyuan Zhu 95346
Fangxin Liu *see* Liu Fangxin
Fangzong Wang *see* Wang Fangzong
Fanigliulo, A. *see* Adami, M. 59250
Fank, F.B. *see* Crowley, J.D. 55390
Fanni, A. *see* Costamagna, E. 57190
Fanni, A. *see* Costamagna, E. 83756
Fannin, P.C. *see* Cullen, P.J. 86125
Fanourakis, G. *see* Demortier, L. 59090
Fanous, F. *see* Gupta, S. 68260
Fanping Sun *see* Chen Liang 93784
Fant, K. *see* Caryotakis, G. 67156
Fant, K. *see* Ruth, R.D. 66791
Fant, K.S. *see* Vlieks, A.E. 67011
Fantacci, M.E. *see* Alfano, B. 59375
Fantacci, M.E. *see* Bandettini, A. 59109
Fantacci, M.E. *see* Bandettini, A. 76979
Fantacci, M.E. *see* Bencivelli, W. 67526
Fantacci, M.E. *see* Bencivelli, W. 88436
Fantacci, R. Discrete queueing analysis of a star network 85273
Fantacci, R. Generalized error control techniques for integrated service packet networks 96817
Fantacci, R., Forti, M., Marini, M. Efficient fast packet switching fabric using neural networks 64981
Fantacci, R. *see* Del Re, E. 52446
Fantacci, R. *see* Del Re, E. 86184
Fantana, N.L. *see* Danikas, M.G. 82120
Fante, R.L. Turbulence-induced distortion of synthetic aperture radar images 77327
Fante, R.L., Barile, E.C., Guella, T.P. Clutter covariance smoothing by subaperture averaging 73966
Fantechi, R. *see* Fanti, V. 76788
Fanti, V., Barr, G.D., Buchholz, P., Cundy, D., Doble, N., Gatignon, L., Gonidec, A., Hallgren, B., Kesseler, G., Lacourt, A., Laverriere, G., Linser, G., Norton, A., Schinzel, D., Seidl, W., Stemmler, T., Taureg, H., Viehhauser, G., Wahl, H., Duclos, J., Gianoli, A., Martini, M., Piemontese, L., Savrie, M., Kalinin, A., Kekelidze, J., Kozhevnikov, Y., Coward, D., Leber, F., Cenci, P., Lariccia, P., Lubrano, P., Pepe, M., Calafiura, P., Cerri, C., Fantechi, R., Gorini, B., Laico, F., Mannelli, I., Marzulli, V., Schiuma, D., Debu, P., Mazzucato, E., Migliori, A., Peyaud, B., Turlay, R., Kreutz, A., Biino,

C., Ceccucci, A., Palestini, S., Griesmayer, E., Markytan, M., Neuhofer, G., Pernicka, M., Taurok, T., Wulz, C.-E. Performance of an electromagnetic liquid krypton calorimeter 76788
Fantini, F. *see* Bosacchi, A. 55885
Fantini, F. *see* De Munari, I. 50095
Fantini, V., Galletti, E., Garifo, L., Serri, L., Stucchi, E., Magni, V., De Silvestri, S., Svelto, O. Use of resonators with graded reflectivity mirrors in transverse flow CO_2 laser sources 72957
Fanto, S.V. *see* Hochreiter, L.E. 60070
Fanton, J.T., Opsal, J., Rosencwaig, A., Willenborg, D.L. A novel technique for performing ellipsometric measurements in a sub-micrometer area 76207
Fanty, M., Schmid, P., Cole, R. City name recognition over the telephone 73820
Fanty, M. *see* Schmid, P. 73886
Fanxin Chen *see* Chen Fanxin
Fanyi Kong *see* Kong Fanyi
Fanyin Shao *see* Shao Fanyin
Fara, G. *see* Alunni, L. 88010
Faraboschi, P. *see* Costa, A. 70239
Faraboschi, P. *see* De Gloria, A. 55084
Faraboschi, P. *see* De Gloria, A. 70366
Farafonov, V.G. Scattering of electromagnetic radiation by two-layer spheroids 73302
Farag, A.A. *see* Wang, B. 84943
Farag, A.S., Abdel-Aziz, E.Z., Cheng, T.C., El-Sobki, S.M., El-Shibini, M.A. On-line steady-state security assessment of power systems 99481
Farag, A.S., Abdel-Aziz, E.Z., Cheng, T.C., El-Sobki, S.M., El-Shibini, M.A. A compact algorithm for the steady-state security assessment of power systems 99482
Farag, S.F., Bartheld, R.G., May, W.E. Electronically enhanced low voltage motor protection and control 53998
Farag, S.F., Bartheld, R.G., May, W.E. Electronically enhanced low voltage motor protection and control 68544
Farago, A. *see* Chlamtac, I. 51826
Farago, A. *see* Chlamtac, I. 58334
Farago, A. *see* Chlamtac, I. 97061
Farah, J. Miniature integrated optic Fabry-Perot slit interferometer 63455
Farah, J. Miniature integrated optic Fabry-Perot slit interferometer 63470
Farah, J. Interferometric fiber optic accelerometer 66373
Farah, J. Interferometric fiber optic accelerometer 66404
Farahani, M.M., Buller, J.F., Moore, B.T., Garg, S. Conventional contact interconnect technology as an alternative to contact plug (W) technology for 0.85 μm CMOS EPROM IC devices 55272
Farahbod, A.H., Hariri, A. Application of generalized self-filtering unstable resonators to a N_2-laser pumped dye laser 56642
Farahi, F., Mayes, T.W. Demonstration of optical logic operations using fiber-optic interferometry 50617
Farail, F. *see* Bourgeade, A. 73273
Farail, F. *see* Oelhoffen, F. 73271
Faraji-Dana, R., Chow, Y.L. A CAD tool for interference rejection of a microwave circuit making use of resonance of the circuit packaging 80801
Faraone, L. *see* Siliquini, J.F. 72612
Faraone, L. *see* Siliquini, J.F. 75973
Faraone, L. *see* Van Houdt, J. 80326
Farar, P., Skrovanek, T., Faltus, Z., Chytil, M. The SMU primary mercury manometer and its comparison with three manometers of different design 66758
Faras, F. *see* Delahoy, A.E. 90438
Farash, J.A. *see* Sherman, S.J. 66304
Farber, D.J. *see* Touch, J.D. 65055
Farber, V.E. On amplitude quantization errors of discrete-level processes 74143
Farber, V.E. The moments of the distribution of the processes at the output of nondeterministic analog-to-code converters 84207
Farber, V.E. On amplitude quantization of the processes continuous with respect to the level 95054
Farber, Y., Khonsari-Arefi, F., Amouroux, J. Thin film deposition of conductive tin oxide from tetramethyltin in a low pressure glow discharge diode reactor 48984
Farberov, V.G., Kissin, V.A. Bioenergy complexes for recovering waste heat from thermal and nuclear power stations 99800
Farbey, B., Land, F., Targett, D. Measurement issues in information systems appraisal 75812
Farchi, A., Wartski, L., Boukari, F., Roy, V., Coste, P., Aubert, J. Optimization of a two-stages electrostatic reflex ion source 53162
Fard, S.M.Bellah *see* Bellah Fard, S.M.
Fardi, H.Z. Transient modeling of heterostructure optoelectronic switches 55863
Fardoun, A.A., Fuchs, E.F., Hao Huang Modeling and simulation of an electronically commutated permanent-magnet machine drive system using SPICE 78888
Fare, T.L. *see* Bey, P.P., Jr. 52983
Fareed, R.S.Qhalid *see* Qhalid Fareed, R.S.
Faremo, H. *see* Benjaminsen, J.T. 89286
Faremo, H. *see* Ildstad, E. 80946
Farenc, J. *see* Dugas, J. 63378
Farenyuk, A.P. *see* Lishchenko, A.I. 90611
Fares, D.A. How does threshold detection limit atmospheric turbulence in number state optical channels? 58382
Fares, F. *see* Borer, K. 98687
Fares, M., Kaminska, B. Exploring test space with fuzzy decision making 70438
Fares, M., Kaminska, B. Fuzzy optimization models for analog test decisions 79287
Farese, T.R. *see* Provan, S.R. 96648
Fargahi, A. *see* Hagmann, H. 52517
Fargher, H.E., Kilgore, M.A., Kline, P.J., Smith, R.A. A planner and scheduler for semiconductor manufacturing 62349
Fargues, M.P. *see* Hippenstiel, R. 95551
Farhang-Boroujeny, B. Variable-step-size LMS algorithm: new developments and experiments 95468
Farhang-Boroujeny, B., Gazor, S. Generalized sliding FFT and its application to implementation of block LMS adaptive filters 51440
Farhat, H., Zand, M., Saiedian, H. Estimating testability and coverage distributions of a VLSI circuit from a mixture of discrete and continuous functions 92140
Farhat, N.H. *see* Wen, Z. 94224
Farhat, S. *see* Gicquel, A. 70117
Farhoud, A. *see* Brihoum, M.E. 77976
Farhoud, A.M., Jalal, A.M., Ghandakly, A.A. Adaptive enhancement of synchronous generator stabilizer performance using a parameter optimization technique 68037
Farhoud, A.M. *see* Jalal, A.M. 68566
Faria, J.A.Brandao *see* Brandao Faria, J.A.
Faria Rosa, M.A.de *see* de Faria Rosa, M.A.
Farias, G.A. *see* de Carvalho, R.R.L. 81297
Farias, R.H.A. *see* Wisnivesky, D. 67151
Farias, V.J. *see* de Freitas, L.C. 60338
Faricelli, J. *see* Khalil, N. 71671
Farilla, A., Fuggieri, F., Mancarella, G., Surdo, A., Bertolucci, S., Carboni, M., Cordelli, M., Debase, G., Ferrer, M.L., Marini, A., Pace, E., Pistoni, M., Ronga, F., Iltchev, R., Valente, E., Bocci, V., Pasqualucci, E., Dante, V., Spiriti, E., Stanescu, C., Guglielmi, A., Szemeti, Z. Projects of data acquisition systems for experiments at high luminosity facilities 52772
Farina, A. *see* Ceccarelli, M. 51707
Farine, J. *see* Jorgens, V. 59161
Farines, J.M. *see* Juanole, G. 65099
Faris, G.W., Dyer, M.J., Bischel, W.K. Laser linewidth narrowing induced by amplifier gain saturation 94385
Faris, R.G. *see* Cha, K. 59390
Farish, O. *see* Sellars, A.G. 54115
Farjah, E., Schanen, J.-L., Roudet, J., Ferrieux, J.P. Power MOSFET modelling based on its behavior 81914
Farjah, E. *see* Rouve, L.L. 62788
Farjah, E. *see* Schaeffer, C. 69138
Farkas, B. *see* Doka, T. 75638
Farkas, J. *see* Jairath, R. 71338
Farkas, J. *see* Yung-Ho Chuang 62575
Farkas, L. *see* Kiss, L. 51039
Farkas, L. *see* Krafcsik, I. 53122
Farkas, P. Weight spectra of some linear binary block codes 57348
Farkas, P., Bruhl, K. Three best binary linear block codes of minimum distance fifteen 73735
Farkas, T., Schlecht, M.F. Viability of active EMI filters for utility applications 78726
Farkas, Z.D., Lavine, T.L., Menegat, A., Vlieks, A.E., Wang, J.W., Wilson, P.B. Two-klystron binary pulse compression at SLAC 66824
Farkas, Z.D. *see* Hantista, C. 66823
Farkas, Z.D. *see* Hoag, H.A. 66816
Farkas, Z.D. *see* Vlieks, A.E. 67011
Farkash, S., Raz, S. Linear systems in Gabor time-frequency space 51448
Farkhondeh, M., Dow, K.A., Sapp, W.W. Control of roll in fiducialization of quadrupole magnets for the MIT-Bates South Hall Ring 76711
Farkhondeh, M., Dow, K.A., Sapp, W.W., Tieger, D.R. Survey and alignment of the MIT-Bates South Hall Ring 76712
Farkhondeh, M., Dow, K.A., Sapp, W.W., Zumbro, J.D. Magnetic measurement, fiducialization and alignment of large dipoles for the MIT-Bates SHR 76713
Farkhondeh, M. *see* Averill, R. 76689
Farkhondeh, M. *see* Sobczynski, S. 67197
Farkhondeh, M.M. *see* Dolfini, S.M. 76854
Farkhondeh, M.M. *see* Mandeville, J.B. 76855
Farkondeh, M. *see* Flanz, J.B. 76342
Farkouh, S. *see* Wrigley, G. 75096
Farley, A.M., Proskurowski, A. Self-repairing networks 58033
Farley, A.M., Proskurowski, A. Bounded-call broadcasting 85308
Farley, G. *see* Kania, A.A. 97400
Farley, R.J. *see* Dyer, P.E. 56368
Farley, R.J. *see* Dyer, P.E. 72300
Farliang Ao *see* Ao Farliang
Farlow, W.J. *see* Wentai Liu 80278
Farmaga, I.W. *see* Koval, V. 91711
Farmer, B. *see* Jennings, C. 99991
Farmer, J.O. The joint EIA/NCTA band plan for cable television 86760
Farmer, J.W. *see* Itoh, K.M. 49849
Farmer, R. Trent superfan industrialized at 51 MW and 42% efficiency 53943
Farmer, R. Newark Bay 'multi-use' cogen one of the cleanest in the US 53949
Farmer, R. GE launches LM2500+ rated at 29 MW and 38% thermal efficiency 78441
Farmer, R. Dry low NO_x alternatives for aeroderivatives and small GTs 89681
Farn, M.W. Agile beam steering using phased-arraylike binary optics 82681
Farnum, G. Auto ID 96976
Farokhrooz, F.N. *see* Arbab Tafti, H. 50836
Farook, O. *see* Agrawal, J.P. 68841
Farooq, M. *see* Bruder, S. 75599
Farooq, M.M. *see* Bhargava, V.M. 89641
Farooque, M. *see* Baker, B.S. 78805
Farquhar, T.G.L. The designer's strategy [to earthing] 53798
Farquharson, S., Bassilakis, R., DiTaranto, M.B., Haigis, J.R., Smith, W.W., Solomon, P.R., Elleithy, R., Ebeling, T., Wallace, J.F. Measurement of thermal degradation in epoxy composites by FT-Raman spectroscopy 49039
Farrahi, A.H., Sarrafzadeh, M. Complexity of the lookup-table minimization problem for FPGA technology mapping 92077
Farrall, S.D., Jones, R.P. The use of computer aided engineering tools in the development of a control strategy for an automotive heat engine/electric hybrid vehicle powertrain 60598
Farrall, S.D. *see* Jones, R.P. 60587
Farrar, K.A., Hasan, A.T., Prosser, F.W., Sanders, S.J., Henderson, D.J. A large-acceptance Bragg curve spectrometer with a longitudinal electric field and a segmented anode 67396
Farrar, M.R., Smith, E.A., Xuwu Xiang The impact of spatial resolution enhancement of SSM/I microwave brightness temperatures on rainfall retrieval algorithms 77411
Farrar, N.R., Singh, B. 0.35 micron DUV lithography for poly gate layer 81702
Farrara, J.D. *see* Mechoso, C.R. 85712
Farre, J. *see* Jacobsen, G. 97311
Farrell, C.A., Kieronska, D.H., Schulze, M. Genetic algorithms for network division problem 91302
Farrell, C.J. A theory of technological progress 60672
Farrell, C.W. *see* Hover, K.C. 75860
Farrell, G. *see* Phelan, P. 50723
Farrell, G.P., Hill, E.W. Barkhausen transitions in single layer and bilayer thin Permalloy films 71996
Farrell, J. Upgrading the Anglo-Scottish Interconnector: protection, control and monitoring 59801
Farrell, J. *see* Van Calster, A. 98203
Farrell, J.B. Underwater acoustics real-time data acquisition and analysis at the Defence Research Establishment Atlantic 99249
Farrell, J.E., Wandell, B.A. Scanner linearity 52961
Farrell, J.F. *see* Prince, J.C. 76128
Farrell, J.L. System integration: performance doesn't measure up 59433
Farrell, J.L. A quantitative measure of integrity error 65985
Farrell, K., Mammone, R.J., Gorin, A.L. Adaptive language acquisition using incremental learning 73808
Farrell, P.G. *see* Baldini, F., R. 64298
Farrell, P.G. *see* Baldini, F., R. 64299
Farrell, P.G. *see* Baldini Filho, R. 64271
Farrell, P.G. *see* Blaum, M. 95149
Farrell, P.G. *see* Dumer, I.I. 73659
Farrell, R. *see* Gordon, J.S. 88431
Farrell, R. *see* Squillante, M.R. 56544
Farrell, R.A. *see* Stoyanov, B.J. 69886
Farrell, R.J., Reneberg, K.O., Moy, H.C. Dynamic simulation recalls condensate piping event 68351
Farrell, T. *see* Ferguson, R. 71450
Farren, P. Voice processing: the PC takes over? 96542
Farrens, M., Tyson, G., Pleszkun, A.R. A study of single-chip processor/cache organizations for large numbers of transistors 49415
Farrens, S.N. *see* Folta, J.A. 71268
Farrer-Ballester, M.A., Figueiras-Vidal, A.R. Improving CELP voice quality by modifying the excitation 73898
Farret, F.A., Fava, I.M. Static and continuous reactive inductor loss compensation using thyristor switched and controlled capacitors 77823
Farrier, M.G. *see* Kamasz, S.R. 66464
Farrier, M.G. *see* Kamasz, S.R. 66471
Farries, M.C., Sugden, K., Reid, D.C.J., Bennion, I., Molony, A., Goodwin, M.J. Very broad reflection bandwidth (44 nm) chirped fibre gratings and narrow bandpass filters produced by the use of an amplitude mask 56514
Farries, M.C., Walc, M. Optical sources for high capacity optical communications 65798
Farrington, J. *see* Tan, T.T. 81362
Farris, G.F. *see* Cordero, R. 48625
Farris, G.F. *see* Cordero, R. 69475
Farris, G.F. *see* DiTomaso, N. 60858

Farris, M.C. *see* Poksheva, J.G. 58786
Farrow, G.S.D., Ireton, M.A., Xydeas, C.S. Detecting the skew angle in document images 64831
Farrow, R.F.C., Harp, G., Weller, D., Marks, R.F., Toney, M.F., Cebollada, A., Rabedeau, T.A. MBE-growth of chemically-ordered Co-Pt and Fe-Pt alloy phases 91514
Farrugia, S. *see* Huang, K. 77828
Faruqi, A.R., Andrews, H.N., Raeburn, C. A large area cooled-CCD detector for electron microscopy 87293
Farvardin, N., Ran, X., Lee, C.C. Adaptive DCT coding of images using entropy-constrained trellis coded quantization 85033
Farvardin, N. *see* Laroia, R. 73725
Farvardin, N. *see* Laroia, R. 95106
Farvardin, N. *see* Lopez-Soler, J.M. 73835
Fasanello, T. *see* Maruyama, X.K. 76518
Fasching, G.E., Loudin, W.J., Smith, N.S., Jr. Capacitive system for three-dimensional imaging of fluidized-bed density 58710
Fasching, M.M., Weiss, L.E., Prinz, F.B. Application of thermal spraying in rapid prototyping and in sensors 52836
Faschinger, W., Ferreira, S., Sitter, H. Doping of zinc-selenide-telluride 55706
Faschinger, W. *see* Ferreira, S.O. 61301
Faschinger, W. *see* Glanner, G.J. 70043
Fasel, W. *see* Jeckelmann, B. 86927
Faska, T.S., Beck, W.A., Little, J.W., Albrittion, J., Sensiper, M. Detector and imaging performance of 256×256 LWIR miniband transport multiple quantum well focal plane arrays 87298
Faska, T.S., Beck, W.A., Little, J.W., Goldberg, A.C., Rosner, B., Stegall, M. Staring LWIR MBT quantum-well sensor performance using the commercial infrared ImagIR camera system 66451
Fasold, D., Kis, L.-R., Habersack, J., Steiner, H.-J. Interaction errors and their correction in antenna near-field measurements in the microwave range 57303
Fass, R., Koglin, H.-J., Nick, W.R. The VDEW disturbance statistics as a basis for reliability characteristics 53710
Fassbinder, H.-G. *see* Dimaczek, G. 98374
Fassouliotis, D. *see* von Apeldoorn, G. 88116
Fast, S.A. *see* Evans, G.E. 83835
Faszer, W. *see* Salomon, M. 88108
Faszer, W. *see* Salomon, M. 98618
Fateev, O.V. *see* Chernenko, S.P. 87999
Fateev, V.N., Pakhomov, V.P., Yurmanov, V.A., Tyapkov, V.F., Mamet, V.A., Chabak, A.F., Rusanov, V.D. Methods to improve the system of chemical control for the aquatic coolant in nuclear power plants 53900
Fatehi, F., Pierre, D.A., Smith, J.R. Effects of noise on the adaptive damping of low-frequency oscillations in power systems 89039
Fatemi, M., Kelarestaghi, M. Application of run-length coding in reprojection 59323
Fatemi, N. *see* Faur, M. 60478
Fatemi, N.S. *see* Jenkins, P. 78821
Fatemi, N.S. *see* Weizer, V.G. 100520
Fatemi, N.S. *see* Wilt, D.M. 54153
Fatemi, O., Idris, F., Panchanathan, S. FPGA implementation of the LRU algorithm for video compression 92249
Fath, P. *see* Keppner, H. 100572
Fathimulla, A. *see* Rao, M.V. 71289
Fathizadeh, M. Analysis and design of a high-current, high-voltage accurate power supply for the APS storage ring 68847
Fathizadeh, M., Despe, O.D., McGhee, D.G. Analysis and correction of noise on electronic circuits in an accelerator environment 59019
Fathollahnejad, H., Mathine, D.L., Droopad, R., Maracas, G.N., Daryanani, S. Vertical-cavity surface-emitting lasers integrated onto silicon substrates by PdGe contacts 72904
Fatt Yoon Soon *see* Soon Fatt Yoon
Fattakhov, V.V. *see* Marchuk, L.A. 57453
Fattaruso, J., Mahant-Shetti, S.S., Barton, J.B. A fuzzy logic inference processor 70774
Fattaruso, J.W., Mahant-Shetti, S.S., Barton, J.B. A fuzzy logic inference processor 49575
Fattaruso, J.W., Mahant-Shetti, S.S., Brock Barton, J. A fuzzy logic inference processor 70776
Fattouche, M., Zaghloul, H. Error reduction of coded DPSK over a fading channel 73588
Fattouche, M. *see* Dumont, L. 86189
Fatz, B. *see* Dattoli, G. 83183
Faucett, T., Hogan, B. A process capability study: eliminating latent failures of surface mount multilayer ceramic capacitors from the wave solder process 60978
Faucher, J. *see* Maussion, P. 68871
Fauchet, P.M. *see* Kostoulas, Y. 62181
Fauchet, P.M. *see* Lobad, A.I. 63696
Fauchet, P.M. *see* Lobad, A.I. 72968
Fauchet, P.M. *see* Sobolewski, R. 63308
Fauchet, P.M. *see* Xu, Z. 94603
Fauchet, P.M. *see* Young, J.F. 62182
Faucon, G. *see* Le Bouquin Jeannes, R. 64332
Fauer, M. *see* Wilt, D.M. 54153
Faugeras, O. *see* Vieville, T. 95783
Faugeras, O.D. *see* Luong, Q.-T. 96026
Faugeras, P. *see* Pagnoux, D. 50485
Faugier, A. *see* Bailey, R. 76434
Faulkner, A. *see* Walliker, J. 98963
Faulkner, B. *see* Mullee, T. 85373
Faulkner, D., Ffitch, P. Purpose and benefits of "EURESCOM technical advisory for a fibre in the loop TPON system" 86389
Faulkner, D.J. *see* Brinson, M.E. 91909
Faulkner, D.W., Smith, P.J., Wade, C.A., Stern, J.R. Evolution of PON systems 52532
Faulkner, K. *see* Chapple, C.-L. 88600
Faulkner, M., Chye, P., Hansen, R. V-band PHEMT power amplifier using an n-way chain combiner 80687
Faulkner, M., Johansson, M. Adaptive linearization using predistortion—experimental results 65577
Fauquembergue, R. *see* Abramo, A. 81195
Faur, M., Faur, M., Flood, D.J., Brinker, D.J., Goradia, C., Bailey, S., Weinberg, I., Goradia, M., Jayne, D.T., Moulot, J., Fatemi, N. Effective first layer antireflective coating on InP solar cells grown by chemical oxidation 60478
Faur, M., Faur, M., Flood, D.J., Goradia, M., Wilt, D.M. Electrolyte for EC-V profiling of InP and GaAs based heterostructures 55679
Faur, M., Faur, M., Flood, D.J., Weinberg, I., Goradia, C., Goradia, M., Vargas-Aburto, C. Low carrier removal rates and annealing behavior of thermally diffused p^+n (Cd,S) InP structures after 10^{13} cm^{-2} 3 MeV proton irradiation 100749
Faur, M., Faur, M., Ghalla, M., Bailey, S., Mateescu, G., Voljin, V. High resolution etchants and electrolytes for accurate surface and deep dislocations and precipitates in InP 100687
Faur, M. *see* Faur, M. 55679
Faur, M. *see* Faur, M. 60478
Faur, M. *see* Faur, M. 100687
Faur, M. *see* Faur, M. 100749
Faure, J. *see* Level, M.P. 66833
Faure, J.-L. *see* Chipaux, R. 67300
Faure, J.L. *see* Buyanov, O.V. 98501
Faure, P., Cathignol, D., Chapelon, J.Y. Diffraction impulse response of arbitrary polygonal plane transducers 99353
Faure, P. *see* Chapelon, J.Y. 98936
Fauri, M. *see* Turri, R. 53796
Faurie, J.-P. *see* Sung Shik Yoo 88040
Faurie, J.P. *see* Chen, Y.P. 91522
Faurie, J.P. *see* Choi, J.B. 55611
Faurie, J.P. *see* Yoo, S.S. 98011
Faus-Golfe, A., Le Duff, J. A versatile lattice for a tau-charm factory that includes a monochromatization scheme (low-emittance) and a standard scheme (high-emittance) 76543
Faust, B. Design desktops with an Alpha microprocessor 92277
Faust, D.L. *see* Breakall, J.K. 73523
Faust, M. Electric motor starters without fuses, with special reference to reclosure protection 89830
Faustino, A. *see* Judice, J.J. 61126
Fauter, A., Reindl, L., Weigel, R., Russer, P., Seifert, F. Miniaturized SAW convolver for indoor mobile communication 93821
Fauth, A., Knoll, A. Automated generation of DSP program development tools using a machine description formalism 70617
Fava, I.M. *see* Farret, F.A. 77823
Fava, J.A. Life cycle thinking: application to product design 54458
Fava, J.A., Kabjian, M.R. Interaction of the life-cycle approach into the decision-making process 79237
Favalli, L. Rearrangeability conditions for multirate Benes networks 96133
Favalli, M., Dalpasso, M., Olivo, P., Ricco, B. Modeling of broken connections faults in CMOS ICs 49305
Favalli, M. *see* Dalpasso, M. 80211
Favalli, M. *see* Lanzoni, M. 50094
Favalli, M. *see* Metra, C. 82061
Favero, R.F., King, R.W. Wavelet parameterization for speech recognition 73907
Favero, R.F., King, R.W. Wavelet parameterization for speech recognition: variations in translation and scale parameters 95353
Favier, P. *see* Berdai, M.N. 82257
Favier, S. Convergence of function averages in Orlicz spaces 48848
Favin, D.L. *see* Poole, C.D. 72333
Favire, F. *see* Chung-En Zah 63780
Favire, F. *see* Zah, C.E. 97283
Favire, F.J., Jr. *see* Chung-En Zah 72838
Favorskii, O.N. *see* Batenin, V.M. 89703
Favre, J. The two dimensional electron gas field effect transistor (TEGFET) on gallium arsenide: soaring beyond 100 GHz 70894
Favre, J. *see* Win, P. 61958
Favre, J. *see* Win, P. 71731
Favre, M. *see* Choi, P. 75911
Favre, M. *see* Chuaqui, H. 62037
Favreau, J.-C. *see* Pean, D. 50778
Fawano, T. *see* Mei, P.C. 70293
Fawcett, G. *see* Johnstone, W. 56401
Fawcett, G. *see* Johnstone, W. 98031
Fawcett, G. *see* McCallion, K. 50660
Fawcett, H.F. *see* Galagedera, S.B. 98670
Fawcett, J.A., Maranda, B.H. Cramer-Rao lower bounds for multi-sensor localization 97453
Fawcett, P.N., Neave, J.H., Zhang, J., Joyce, B.A. Study of the epitaxial growth of GaAs(110) films by molecular beam epitaxy 91495
Fawcett, P.N. *see* Zhang, X. 79825
Fawcett, R., Zisserman, A., Brady, J.M. Extracting structure from an affine view of a 3D point set with one or two bilateral symmetries 95714
Fawer, U. A coherent spread-spectrum diversity-receiver with AFC for multipath fading channels 52424
Fawley, W.M., Laslett, L.J., Celata, C.M., Faltens, A., Haber, I. Simulation studies of space-charge-dominated beam transport in large aperture ratio quadrupoles 67031
Fawley, W.M., Sessler, A.M., Scharlemann, E.T. Coherence and linewidth studies of a 4 nm high power FEL 63873
Fay, B., Ludwig, G., Lankjaer, C., Lewin, P.A. Frequency response of PVDF needle-type hydrophones 67534
Fay, B., Rinker, M., Lewin, P.A. Thermoacoustic sensor for ultrasound power measurements and ultrasonic equipment calibration 67535
Fay, J. *see* Chemarin, M. 98516
Fay, P., Brockenbrough, R.T., Abeln, G., Scott, P., Agarwala, S., Adesida, I., Lyding, J.W. Scanning tunneling microscope stimulated oxidation of silicon (100) surfaces 62469
Fayard, L. *see* Gingrich, D. 53291
Faybusovich, L. Dynamical systems that solve linear programming problems 69756
Faybusovich, L., Ammar, G.S., Gragg, W.B. Inverse problems for orthogonal matrices, Toda flows, and signal processing 73985
Fayet, C., Jacques, A., Pujolle, G. High speed switching for ATM: the BSS 64938
Fayette, D.F., Speicher, P., Stoklosa, M., Evans, J., Evans, J., Gentile, M., Hakim, E. Reliability technology to achieve insertion of advanced packaging (RELTECH) program 54497
Fayette, L., Marcus, B., Mermoux, M., Abello, L., Lucazeau, G. In-situ raman investigation of diamond films during growth and etching processes 70086
Fayette, L., Mermoux, M., Marcus, B. Role of the nucleation step in the growth rate of diamond films 70090
Fayeuelle, S. *see* Clechet, P. 90320
Fayn, J. *see* Rubel, P. 67562
Faynot, O., Giffard, B. High performance ultrathin SOI MOSFET's obtained by localized oxidation 62748
Faynot, O., Su, L.T., Cristoloveanu, S., Raynaud, C., Chung, J.E., Auberton-Herve, A.J., Antoniadis, D.A. Comparison of hot-carrier degradation effects in inversion-mode and accumulation-mode fully depleted SOI MOSFETs 93478
Fayolle, P. *see* Grangier, P. 52583
Fazakerly, W. Mixed-level simulation technology—part 1 92421
Fazan, P.C. Trends in the development of ULSI DRAM capacitors 71756
Fazan, P.C., Mathews, V.K. A highly manufacturable trench isolation process for deep submicron DRAMs 93538
Fazan, P.C., Mathews, V.K., Sandler, N., Lo, G.Q., Kwong, D.L. A high-C capacitor (20.4 $fF/\mu m^2$) with ultrathin CVD-Ta_2O_5 films deposited on rugged poly-Si for high density DRAMs 61720
Fazan, P.C. *see* Han, L.K. 80319
Fazan, P.C. *see* Yoon, G.W. 49833
Fazarinc, Z. Computation of electric fields from electric charges: Coulomb's Law or Poisson's equation 51010
Fazekas, K. Parallel architectures for multiresolution image sequence coding 73606
Fazekas, K. *see* Fazekas, Z. 74273
Fazekas, Z. Parallel aspect of morphological grayscale reconstruction 51732
Fazekas, Z., Fazekas, K. Morphological filters for image processing 74273
Fazel, K., Ruf, M.J. A hierarchical digital HDTV transmission scheme for terrestrial broadcasting 75744
Fazio, A. *see* Ong, T.C. 70497
Fazio, G.G. *see* Hoffmann, W.F. 66422
Fazio, M., Carlsten, B., Faehl, R., Haynes, W., Kwan, T., Stringfield, R. Experimental progress toward a 1 GW, 1 μs pulse length, high current relativistic klystron 76844
Fazio, M.De *see* De Fazio, M.
Fazio, M.V. *see* Stringfield, R.M. 71045
Fazio, R. Numerical transformation methods: a constructive approach 69874
Fazlollahi, A. *see* Javidi, B. 51575
Fazlollahi, A. *see* Javidi, B. 74360
Fazlollahi, A.H. *see* Javidi, B. 57660
Fazzolare, M. *see* Humm, B.G. 96436
Fdez-Valdivia, J. *see* Garcia, J.A. 84835
Fdida, S., Santoso, H. Gateway congestion controls in high-speed backbone networks 58158
Fdida, S. *see* Roche, C. 65287
Fdida, S. *see* Santoso, H. 74696
Fdida, S. *see* Santoso, H. 96376
Fdida, S. *see* Thai, K.-L. 74805
Fea, A.M. *see* Prager, T.C. 98897
Feakes, K.L. *see* Bishop, A. 97015

Fearheiley, M.L. *see* Chemseddine, A. 69015
Feast, W.J. *see* Petty, M. 71847
Featy, S.D. *see* Rodger, R.M. 97679
Feautrier, P. *see* Beaudin, G. 88787
Feautrier, P. *see* Febvre, P. 61909
Feautrier, P. *see* Febvre, P. 66013
Feblau, P.E. Integrated neutron/gamma-ray portal monitors for nuclear safeguards 88327
Febo, M.V. *see* Allen, R.W., Jr. 62000
Febvre, P., Leridon, B., Maoli, R., George, S., Feautrier, P., Ruffie, G., McGrath, W.R., Beaudin, G. New elements for analysis of series arrays of superconducting junctions for submillimeter heterodyne detection 66013
Febvre, P., McGrath, W.R., Batelaan, P., Bumble, B., LeDuc, H.G., George, S., Feautrier, P. A low-noise SIS receiver measured from 480 GHz to 650 GHz using Nb junctions with integrated RF tuning circuits 61909
Febvre, P. *see* Beaudin, G. 88787
Fechner, P. *see* Cohn, L. 93667
Fechner, R. *see* Bernhardt, S. 86516
Fecho, T.R., Holliday, R.E. The estimation of potential socio-economic effects from power system failures 77872
Fechtel, S.A., Meyr, H. Optimal parametric feedforward estimation of frequency-selective fading radio channels 58287
Fecteau, G. *see* Cepek, M. 78064
Fedak, V. *see* Profumo, F. 90483
Fedaoui, L., Horlait, E. Interfacing a quality of service manager for distributed multimedia applications 85534
Fedele, G. Error probability for detection of M-DPSK signals in slow nonselective Nakagami fading 52369
Fedele, G. *see* Bucciarelli, T. 57519
Fedele, R., Miele, G., Galluccio, F. A numerical check of the thermal wave-model for particle-beam dynamics 66904
Fedele, R., Miele, G., Palumbo, L. Longitudinal dynamics for electrons in the thermal wave model for charged particle beams 66905
Fedenev, A.V., Tarasenko, V.F. Investigation of lasing in Cd^+, Zn^+, Xe and Ne transitions excited by a beam of nanosecond electrons 63639
Fedenev, A.V. *see* Nagorny, D.Yu. 94356
Feder, M. *see* Merhav, N. 57320
Feder, M. *see* Oppenheim, A.V. 51468
Feder, M. *see* Shusterman, E. 51622
Feder, M. *see* Weinberger, M.J. 73696
Feder, M. *see* Weinstein, E. 57547
Feder, M. *see* Zamir, R. 57406
Feder-Andres, C. A communication model for cooperative real-time systems 65353
Federbush, P. *see* Battle, G. 79528
Federbush, P. *see* Battle, G. 79529
Federgruen, A., Katalan, Z. Approximating queue size and waiting time distributions in general polling systems 96207
Federico, C. *see* Brunetti, M.T. 87957
Federighi, M. *see* Di Pasquale, F. 72358
Federighi, M. *see* Di Pasquale, F. 83006
Federkeil, R. Short-circuit without disastrous results 53831
Fedin, V.T., Khammud, M., Shaaban, F. Power and voltage operating conditions in compact controlled power transmission lines 59904
Fedina, L.I. *see* Hutchison, J.L. 81445
Fedirchuk, D. *see* McLaren, P.G. 78226
Fedor, L.S. *see* Jacobson, M.D. 99181
Fedor, M. *see* Levicky, D. 95988
Fedorak, R. Forces driving semiconductor nonvolatile memories 49432
Fedorenko, A.I., Kisel, N.N. Electromagnetic wave diffraction by a composite metal-dielectric cylinder with thin resistive strips in the dielectric layer 83587
Fedorenko, A.I. *see* Kozhevnikov, I.V. 67409
Fedorenko, O.A. *see* Kosorotov, V.F. 75950
Fedorenko, S.V. Decoding complexity of linear block codes 64288
Fedorenko, S.V. *see* Mironchikov, E.T. 64289
Fedorenko, V.V. Probability of error in incoherent reception of distorted signals in conditions of Rayleigh fading 57483
Fedorenko, V.V. Evaluation of the degree of protection of a signal from structural interference in a communications system with discrete frequency manipulation 57492
Fedorenko, Yu.P. *see* Gushcha, A.O. 87307
Fedoroff, V. *see* Scheinberg, N. 61835
Fedorov, A.N. *see* Vasil'ev, V.V. 72667
Fedorov, A.V. *see* Rosanov, N.N. 50932
Fedorov, D.A. The limit efficiency of nonlinear and adaptive predistortions of the high-frequency components of a TV signal 64525
Fedorov, F.I. On the wave normal equation for bianisotropic media 64192
Fedorov, L.M. *see* Evstropov, V.V. 49816
Fedorov, L.M. *see* Evstropov, V.V. 55616
Fedorov, L.M. *see* Zhilyaev, Yu.V. 81942
Fedorov, L.M. *see* Zhilyaev, Yu.V. 81980
Fedorov, P.N. *see* Ankudinov, V.E. 64208
Fedorov, S.V. *see* Rosanov, N.N. 50932
Fedorov, T.F. *see* Soldatov, A.N. 94332
Fedorov, V. *see* Basiev, T. 72772
Fedorov, V. *see* Rybakov, E. 76657
Fedorov, V.A., Korkishko, Yu.N. Reverse proton exchange in lithium tantalate crystals 82682
Fedorov, V.A. *see* Korkishko, Yu.N. 72352
Fedorov, V.B. Multistage optoelectronic two-dimensional image switches 74478
Fedorov, V.N. Power in sine-wave current networks 88978
Fedorovich, R.D. *see* Borziak, P.G. 92637
Fedoseev, V. *see* Kikas, Ya. 50929
Fedoseeva, N.A. *see* Il'inskii, A.S. 83875
Fedoseyev, L.I. *see* Zabytov, Yu.M. 97036
Fedosov, V.P. Optical transfer function of a photodiode matrix illuminated from the reverse side 82825
Fedosov, V.P. *see* Senina, I.S. 51480
Fedotkin, A.S. *see* Gerasimov, A.I. 80895
Fedotov, A.B. *see* Zheltikov, A.M. 73010
Fedotov, A.K. *see* Uglyanets, V.V. 55550
Fedotov, Yu.S. *see* Asseev, A.A. 66932
Fedotov, Yu.S. *see* Asseev, A.A. 66933
Fedulov, V.S. *see* Gerasimov, Yu.A. 100966
Fedyaev, V.E. *see* Rynkov, A.E. 64142
Fedyaev, V.Ye. *see* Saiko, V.G. 57251
Fedyakin, N., Gilitsky, Yu. Analysis of noise, speed and dynamic range of fast low-noise preamplifiers for termination of transmission lines 67390
Fedyakin, N.N. *see* Chen, M. 67340
Fedyanin, A.A. *see* Aktsipetrov, O.A. 94595
Fedyk, J. *see* DiCarlo, J. 81670
Fedynyshyn, T. *see* Cronin, M.F. 81631
Fedynyshyn, T.H. *see* Szmanda, C.R. 81636
Fedyukhin, L.A. *see* Dolgopolov, V.G. 56379
Fee, J.M. A pulling tension calculation program which allows coefficient of friction to vary continuously with cable sidewall pressure 89285
Fee, J.M., Solheid, D.P. Coefficient of friction effects of polymers, silicone oil, and mini-rollers in cable pulling 80944
Feehrer, J.R., Jordan, H.F. Timing uncertainty analysis for time-of-flight systems 92171
Feero, W.E. *see* Gish, W.B. 68173
Fefelov, A.P. *see* Biglov, Z.A. 56636
Fefer, D. *see* Drnovsek, J. 97746
Fefer, D. *see* Lapuh, R. 97763
Feher, A. *see* Bunda, V. 72211
Feher, B. Coefficient-dependent logic synthesis of FIR digital filters 61799
Feher, B. 2-D discrete cosine transformation implementation 95458
Feher, E. *see* Yurkin, I.M. 71945
Feher, I. *see* Deme, S. 67646
Feher, K. *see* Chia-Liang Liu 52372
Feher, K. *see* Subasingbe-Dias, D. 97154
Feher, K. *see* Yanpeng Guo 75353
Feher, K. *see* Yanpeng Guo 86190
Feher, M. *see* Miklos, A. 63828
Fehl, D.L., Leeper, R.J., Lee, J.R., Hedemann, M.A., Stygar, W.A., Sujka, B.R., Hebron, D.E., Robischon, S.J., Peyton, B.P. A one-dimensional time-resolved pinhole camera for intense pulsed bremsstrahlung sources 67411
Fehlau, P.E. Integrated neutron/gamnna-ray portal monitors for nuclear safeguards 98573
Fehlauer, E. *see* Rulke, S. 80025
Fehn, T., Vogtmann, T., Hubner, J., Schwoerer, I. Anisotropy of the nonlinear optical susceptibility $\chi^{(3)}$ in polydiacetylene single crystals 73084
Fehr, L. *see* Robinson, C.J. 67448
Fehr, R. *see* Gillard, A. 85987
Fehrenbach, J. Dual-band exciter for 10 GHz and 24 GHz 73513
Fehringer, H.M., Rudenauer, F.G., Sieber, A., Steiger, W. The state of the metal film covering the needle of a liquid metal indium ion source 98489
Fehringer, H.M. *see* Soubeyran, A. 77116
Fei, B. *see* Hong, Q. 49251
Fei, R. *see* Liang, F. 69050
Fei, X.Y. *see* Xiang, X.B. 91433
Fei Aiguo *see* Aiguo Fei
Fei Chang He *see* He Fei Chang
Fei Chen Qu *see* Qu Fei Chen
Fei Luo *see* Luo Fei
Fei Shi Peng *see* Peng Fei Shi
Fei Ye-Tai, Xie Shao-Feng, Chen Xiao-Huai Symmetrizable connection and combined calibration method for accuracy measurement of CMM 58977
Fei-Chin Chen *see* Soo-Chang Pei 95775
Fei-Peng Pi *see* Pi Fei-Peng
Fei-Yuh, P. *see* Bunz, L.A. 93950
Feichtinger, H. MODACOM—economical wireless transmission of measurement data and text 52465
Feichtinger, H.G., Strohmer, T. Fast iterative reconstruction of band-limited images from nonuniform sampling values 85165
Feick, H., Fretwurst, E., Kanitz, S., Lindstrom, G., Mahlmann, K.H., Meyer, G., Schulz, T. Long term reverse annealing in silicon detectors and first results of DLTS and current pulse shape measurements 98611
Feick, H. *see* Bates, S.J. 53308
Feick, H. *see* Schulz, T. 88105
Feifan Chen *see* Wenyan Tang 87008
Feig, E. *see* Coppersmith, D. 57563
Feige, F. State of the art in high compression comminution 60664
Feige, F. *see* Kirby, D.G. 96869
Feige, U. *see* Aumann, Y. 73749
Feigel, A. *see* Roth-Seefrid, H. 78320
Feigenbaum, A.V. Adopting a new competitive discipline for today's competitive times 48610
Feigin, G. *see* Connors, D. 48645
Feihu Qi *see* Dinggang Shen 95926
Feihu Qi *see* Qi Feihu
Feijoo, D., Bean, J.C., Peticolas, L.J., Feldman, L.C., Liang, W.-C. Epitaxial Si-Ge etch stop layers with ethylene diamine pyrocatechol for bonded and etchback silicon-on-insulator 71355
Feijoo, D., Mills, A.P., Kortan, A.R., Sapjeta, J.B., Hsieh, C.M., Carver, G.E. Comparative materials characterization of SOI wafers produced by competing technologies 93081
Feijoo, S. *see* Taboada, J. 51403
Feil, W.A. *see* Tobin, P.J. 71374
Feilhauer, H., Lenge, N., Storz, G. OPAL: A fibre optic network as first step to multi-media 86392
Feili Huang *see* Yaoming Wang 90605
Feiling Jia, Mukherjee, B. A high-capacity, packet-switched, single-hop local lightwave network 86499
Feiling Jia, Mukherjee, B., Iness, J., Ojha, S. Variable-length message scheduling algorithms for a WDM-based local lightwave network 65795
Feinberg, B., Belkacem, A., Bossingham, R., Gould, H., Meyerhof, W.E. Capture from pair production as a beam loss mechanism for heavy ions at RHIC 87833
Feinberg, B. *see* Celata, C.M. 87832
Feinberg, B. *see* McMahan, M.A. 76460
Feinberg, D.A., Kiefer, B., Litt, A.W. Dual contrast GRASE (gradient-spin echo) imaging using mixed bandwidth 67532
Feinberg, J. *see* Dominic, V. 63396
Feinberg, J. *see* Dominic, V. 94644
Feinberg, S. Optimizing productivity using collaborative teams 90799
Feiner, L.J. Power electronics for transport aircraft applications 88692
Feinerman, A.D., Crewe, D.A., Perng, D.C., Spindt, C.A., Schwoebel, P.R., Crewe, A.V. Miniature electron microscopes for lithography 81608
Feinerman, A.D. *see* Nassiri, A. 98388
Feingold, A., Katz, A. Rapid thermal low-pressure metal-organic chemical vapor deposition (RT-LPMOCVD) of semiconductor, dielectric and metal film onto InP and related materials 91505
Feinstein, J. *see* Huang, Y.C. 53114
Feinstein, J. *see* Huang, Y.C. 72930
Feinstein, J. *see* Schmerge, J.F. 83187
Feipei Lai *see* Hsieh, D. 80331
Feipeng Lu *see* Lu Feipeng
Feiss, W. *see* Hombach, V. 58316
Feiste, E. *see* Essah, D. 69239
Feit, C.M., Bates, M.R. Accurate positioning in an inertial-based automatic flight inspection system using differential global navigation satellite systems 67708
Feit, M.D. *see* Ratowsky, R.P. 50733
Feite, S. *see* Gauthier, C. 98713
Fejer, B.G. *see* Preble, A.J. 88759
Fejer, J.A. *see* Sulzer, M.P. 88756
Fejer, M.M. Nonlinear optical frequency conversion 63964
Fejer, M.M. *see* Angell, M.J. 61370
Fejer, M.M. *see* Arie, A. 50785
Fejer, M.M. *see* Benerofe, S.J. 54968
Fejer, M.M. *see* Chui, H.C. 63993
Fejer, M.M. *see* Kapitulnik, A. 76162
Fejer, M.M. *see* Martinet, E.L. 94604
Fejes, S. *see* Erenyi, I. 51729
Fejes, S. *see* Vajda, F. 75879
Fejfar, A. *see* Biederman, H. 70103
Fejzo, Z., Lev-Ari, H. Cancellation of ISI in nonlinear voice-band data channels 85947
Fekete, A. *see* Das, R. 65310
Fekri, F., Tabiani, M., Nakhai, M.R. Speaker independent speech recognition 73915
Felbacq, D. *see* Maystre, D. 94794
Felber, N. *see* Rothacher, F. 70594
Felber, N. *see* Zimmermann, R. 49487
Felch, K. *see* DeHope, W. 92901
Felch, S.B. *see* Chapek, D.L. 62391
Felcini, M. *see* Chemarin, M. 98516
Feld, S.A. *see* Mitkas, P.A. 50627
Feldbaumer, D.W. *see* Babcock, J.A. 93540
Feldblum, A.Y. *see* Jahns, J. 63612
Feldblum, A.Y. *see* Sauer, F. 56396
Feldbrugge, R., Renneberg, R., Spener, F. Development and practical evaluation of an amperometric triglyceride sensor 66504
Feldbusch, F., Frossl, J., Kropf, T., Kumar, R., Reetz, R., Schnid, D., Schneider, K., Tahar, S. The practical use of verification tools in design: the Karlsruhe efforts 80313
Felder, A. *see* Bertagnolli, E. 71612
Felder, A. *see* Kerber, M. 63037
Felder, A. *see* Meister, T.F. 62964
Felder, B. *see* Schmit, R.R. 100707
Felder, R. *see* Millerioux, Y. 58619
Felder, R. *see* Millerioux, Y. 86877
Felder, R. *see* Nez, F. 86973
Felder, R. *see* Touahri, D. 86883
Felder, R.M. American engineering education: current issues and future directions 54365

Felderhoff, T. Simulation of nonlinear circuits with period doubling and chaotic behavior by wave digital filter principles 70267
Felderman, R., DeSchon, A., Cohen, D., Finn, G. ATOMIC: a high-speed local communication architecture 65302
Feldhaus, B. *see* Cease, T.W. 78237
Feldhaus, G. Development tendencies in environmental legislation in the EC 89577
Feldle, H.P. *see* Banerjee, S. 51270
Feldman, B.J. *see* McElray, J.L. 78228
Feldman, D.D., Griffiths, L.J. A projection approach for robust adaptive beamforming 57549
Feldman, D.D., Griffiths, L.J. A performance analysis of robust constrained beamforming with random errors 84531
Feldman, D.D. *see* Ching-Yih Tseng 95533
Feldman, D.W. *see* Nguyen, D.C. 83193
Feldman, H. *see* Dimolitsas, S. 85617
Feldman, J. *see* Horwitz, J. 89242
Feldman, L.C. *see* Feijoo, D. 71355
Feldman, L.C. *see* Green, M.L. 81463
Feldman, L.C. *see* Manchanda, L. 93617
Feldman, M. Non-linear system vibration analysis using Hilbert transform—II. Forced vibration analysis method 'FORCEVIB' 66786
Feldman, M.J. *see* Qing Ke 58962
Feldman, M.R., Heyward, W., Magill, P., Yang, H., Morris, J. Optically interconnected multichip module based on computer generated holograms and flip-chip technology 82850
Feldman, M.R., Morris, J.E., Turlik, I., Magill, P., Adema, G., Raja, M.Y.A. Holographic optical interconnects for VLSI multichip modules 79321
Feldman, M.R. *see* Camp, L.J. 82775
Feldman, M.R. *see* Morris, J.E. 64034
Feldman, P.D. *see* Morrissey, P.F. 58834
Feldman, P.D. *see* Sahnow, D.J. 52941
Feldman, R.D. *see* Wood, T.H. 52601
Feldman, R.M. *see* Deuermeyer, B.L. 69554
Feldman, T.C. *see* Weir, B.E. 71086
Feldman, W. *see* Essl, H. 59897
Fel'dman, Yu.I., Mashikhin, A.D., Kamenskii, M.S., Tukhtarov, A.G. Crane and metallurgical DC electric motors: an overview 68651
Fel'dman, Yu.I., Mashikhin, A.D., Skibinskii, V.A. Automatic electric drives for mine electric transport, heavy-duty dumptrucks, cranes, and hoists 69103
Feldmann, J. *see* Hofmann, M. 50845
Feldmann, J. *see* Hofmann, M. 83065
Feldmann, J. *see* von Plessen, G. 62267
Feldmann, K., Franke, J., Rothhaupt, A. Optimization and simulation of the printed circuit assembly 62010
Feldmann, K., Scheller, H. Disassembly of electronic products 92684
Feldmann, K., Sturm, J. Closed loop quality control in printed circuit assembly 62009
Feldmann, M. *see* Hong, D. 62082
Feldmann, P., Freund, R.W. Efficient linear circuit analysis by Pade approximation via the Lanczos process 91736
Feldmann, P. *see* Freund, R.W. 91828
Feldmann, U. *see* Miura-Mattausch, M. 91824
Feldshtein, F. *see* Babin, A. 73150
Felgenhauer, D., Konrad, U., Sachs, U. Integrated network analysis in management systems for planning and operation 68153
Felgentreff, T., Olbrich, G., Russer, P. Noise parameter modeling of HEMTs with resistor temperature noise sources 80711
Felgentreff, T. *see* Olbrich, G.R. 80845
Felhauer, T. Design and analysis of new p(n,k) polyphase pulse compression codes 73608
Felhauer, T., Baier, P.W., Konig, W., Mohr, W. An optimised measurement system for broadband measurement of the mobile radio channel 75224
Felhauer, T., Klein, A., Baier, P.W. A low-cost method for CDMA and other applications to separate non orthogonal signals 52335
Feliachi, A., Bekhouche, N. Distributed estimation of power mismatch 68100
Feliachi, A., Yang, X. Stabilization of inter-subsystem oscillations in interconnected systems 68106
Feliachi, A. *see* Xiaoqing Yang 59785
Felice, C.De *see* De Felice, C.
Felici, G. *see* Bencivenni, G. 67303
Felici, N. *see* Foule, J.-N. 64055
Felippa, C.A. *see* Schuler, J.J. 82340
Felippa, C.A. *see* Schuler, J.J. 82341
Felix, C.L. *see* Allen, S.J. 71163
Felix, J. *see* Christian, D.C. 59094
Felix, R., Reddig, S. Qualitative pattern analysis for industrial quality assurance 48707
Feliziani, M., Maradei, E. Point matched finite element-time domain method using vector elements 83434
Feliziani, M., Maradei, F. On the point-matched time domain numerical techniques 73266
Feliziani, M. *see* Celozzi, S. 83611
Felker, B. *see* Allen, S.L. 63878
Felker, B. *see* Lasnier, C.J. 63879
Fellegara, A., Bottacchi, S. Analysis of power budget performances of digital transmission systems with an optical amplifier 58375
Fellegara, A. *see* Vespasiano, G. 50466
Feller, J. *see* Fredricksen, H. 56190
Feller, U. *see* Reymann, D. 66639
Fellers, J.W., Moon, D.K. Exploring the application of distributed group support systems to distance education 48599
Fellin, L. *see* Turri, R. 53796
Fellin, M.A. *see* Bush, S.A. 89600
Fellman, R.D. *see* Picker, D. 93607
Fellman, R.D. *see* Ptasinski, H.S. 57336
Fellmann, K.H. *see* Uve Reitz 60284
Fellows, J.A., Bright, V.M., Jenkins, T.J. A physics-based heterojunction bipolar transistor model for integrated circuit simulation 81837
Fellows, J.A. *see* Bright, V.M. 93334
Fellows, M. *see* Lapucha, D. 67762
Fells, J.A.J., Gibbon, M.A., White, I.H., Thompson, G.H.B., Penty, R.V., Armistead, C.J., Kimber, E.M., Moule, D.J., Thrush, E.J. Transmission beyond the dispersion limit using a negative chirp electroabsorption modulator 75400
Fel'man, E.N. *see* Zabytov, Yu.M. 97036
Felsen, L.B. *see* Carin, L. 64559
Felsen, L.B. *see* McClure, M. 95641
Felsher, W.M., Jr. *see* Mitas, D.W. 89575
Felsvang, K. *see* Gleiser, R. 78424
Felszerfalvi, J. *see* Deme, S. 67646
Felt, E., Narayan, A., Sangiovanni-Vincentelli, A. Measurement and modeling of MOS transistor current mismatch in analog IC's 93304
Felt, E., Sangiovanni-Vincentelli, A. Testing of analog systems using behavioral models and optimal experimental design techniques 91848
Feltham, D.B.I. *see* Maly, W. 55206
Feltis, M.W. *see* Apostolov, A.P. 89162
Felton, L.E. *see* Wenge Yang 79976
Felton, L.M. High yield GaAs flip-chip MMICs lead to low cost T/R modules 80861
Feltz, A., Memmert, U., Behm, R.J. High temperature scanning tunneling microscopy studies on the interaction of O_2 with Si(111)-(7×7) surfaces 71361
Feltz, G.Van Der *see* Van Der Feltz, G.
Femia, N., Tucci, V. On the modeling of PWM converters for large signal analysis in discontinuous conduction mode 100219
Fendrykowski, S. *see* Miller, I. 56679
Feneyrol, M. Telecommunications in the 21st century 51895
Feng, A., Munir, Z.A. Field-assisted self-propagating synthesis of β-SiC 79761
Feng, B.J. *see* Wakefield, G.H. 84538
Feng, C. *see* Bai, J.Z. 53324
Feng, C. *see* Salinas, J. 80366
Feng, D. *see* Liu, Z.G. 70161
Feng, D. *see* Qu, X.-X. 54943
Feng, G.F. *see* Yang, Y.H. 79956
Feng, G.L. *see* Wei, V.K. 73713
Feng, H. *see* Okada, Y. 78621
Feng, J. *see* Mussman, H. 75424
Feng, M. *see* Apostolakis, P.J. 70874
Feng, M. *see* Kruse, J. 98286
Feng, M. *see* Scherrer, D. 86239
Feng, M. *see* Shih, C.-G. 86506
Feng, M.S. *see* Chen, H.D. 62165
Feng, M.S. *see* Hsieh, I.J. 61337
Feng, S., Sauerer, J., Seitzer, D. High gain operational amplifier implemented in 0.5 μm GaAs E/D HEMT technology 49185
Feng, S., Seitzer, D. Improved passive model for transient prediction of GaAs E/D MESFET analogue switches 50039
Feng, T., Matloubian, M., Mathur, D.P., Mumola, P.B., Gardopee, G.J. Material properties of plasma-thinned bonded SOI wafers 93239
Feng, W.S., Yang, W.T., Hsieh, M.Y. Computer-aided design on the VLSI 45°-mask compaction 70232
Feng, X., Schulteis, J. Identification of high noise time series signals using hybrid ARMA modeling and neural network approach 64534
Feng, X. *see* Kwok, R.W.M. 93165
Feng, Y. *see* O'Neill, D.J.C. 81321
Feng, Y.C., You, D.W., Kuang, Y.Z. Development of broad beam ion sources at CSSAR 53227
Feng, Y.J., Cheng, Q.H., Wu, P.H., Liu, H.M., Yan, S.L., Fang, L., Cao, H.L. The critical current density distribution in a TlBaCaCuO thin film ring resonator 94033
Feng, Z. *see* Bai, J.Z. 53324
Feng, Z. *see* Compaan, A.D. 90434
Feng, Z. *see* Qi, X. 70234
Feng Bao, Erdol, N. On the discrete wavelet transform and shiftability 95626
Feng Bao *see* Erdol, N. 95522
Feng Bao *see* Bao Feng
Feng Bibo *see* Bibo Feng
Feng Boru *see* Boru Feng
Feng Chen, Bosco Leung A high resolution multibit sigma-delta modulator with individual level averaging 70705
Feng Chen *see* Chen Feng
Feng Cheng *see* Yu, F.T.S. 51719
Feng Chih-Chun *see* Chih-Chun Feng
Feng Chongxi *see* Yang Jun 73777
Feng Chongxi *see* Chongxi Feng
Feng Dazeng *see* Dazeng Feng
Feng Dengguo, Xiao Guozhen New measure indexes on the stability of periods of sequences 73623
Feng Enpu *see* Liu Guanhua 59141
Feng Gu *see* Ming Ming Wei 61418
Feng Gui-Liang *see* Gui-Liang Feng
Feng Guoying *see* Cai Bangwei 50918
Feng Haixian *see* Shuai Zhiming 53917
Feng Hao, Wang Minghua GaAs 1×2 Mach-Zehnder waveguide switch/modulator 72372
Feng Hong, Rozgonyi, G.A., Patnaik, B.K. Mechanisms of epitaxial $CoSi_2$ formation in the multilayer Co/Ti-Si(100) system 49814
Feng Hui *see* Zhang Qun 100056
Feng Jiayou *see* Jiayou Feng
Feng Jing *see* Li Gang 53425
Feng Jing-Wei *see* Wei Guang-Pu 100468
Feng Li *see* Li Feng
Feng Liang, Yuefeng Liao, Lipo, T.A. A new variable reluctance motor utilizing an auxiliary commutation winding 60193
Feng Lin, Chen, D.Y. Reduction of power supply EMI emission by switching frequency modulation 55130
Feng Lin, Markee, J., Rado, B. Design and test of mixed signal circuits: a discrete-event approach 78988
Feng Lin *see* Lin Feng
Feng Liu *see* Liu Feng
Feng Lu, Milios, E.E. Optimal spline fitting to planar shape 57762
Feng Maoguan *see* He Ping 96983
Feng Ming-Whei *see* Ming-Whei Feng
Feng Niu, Bertoni, H.L. Path loss and cell coverage of urban microcells in high-rise building environments 75247
Feng Peiti *see* Zhong Jinliang 100801
Feng Qi Measurement of water content in semi-humid sandy land by using IAE-II neutron moisture gauge 98377
Feng Qian, Van Veen, B.D. Partially adaptive beamformer design subject to worst-case performance constraints 64438
Feng Qishan *see* Wang Zhuding 99557
Feng Ruo *see* Ruo Feng
Feng Shen *see* Shen Feng
Feng Songlin *see* Lu Liwu 81329
Feng Wang Xiao *see* Xiao Feng Wang
Feng Wei *see* Zhen-Qi Huang 80714
Feng Wu Geng *see* Wu Geng Feng
Feng Wu-Chang *see* Wu-Chang Feng
Feng Wu-Shiung *see* Wu-Shiung Feng
Feng Xia *see* Meliopoulos, A.P.S. 89005
Feng Xiang, Gar Lam Yip A modified WKB method for the improved phase shift at a turning point 51173
Feng Xiang, Gar Lam Yip An explicit and stable finite difference 2-D vector beam propagation method 94148
Feng Xiangbo *see* Xiangbo Feng
Feng Xiaofan *see* Xiaofan Feng
Feng Yang Yong *see* Yang Yong Feng
Feng Yaolan *see* Ke Daoming 62985
Feng Ye *see* Ye Feng
Feng Yong *see* Wang Yan 89914
Feng Yu Chen, Wu Jijun, Luo Jinsheng Development of the base resistance controlled thyristor (BRT) 81849
Feng Yu-Cai *see* Kuang Yuan-Zhu 53258
Feng Yuan *see* Yuan Feng
Feng Yucai, Zheng Baomin High-energy intense beam current focusing ion source 53259
Feng Yushu *see* Yushu Feng
Feng Yushui, Meng Wenbin, Qin Changzhu Evaluation of solid state nuclear track detectors for radon measurement 87978
Feng Zhang, Lit, J.W.Y. Minimization of temperature effects of high-birefringent elliptical fibers for polarimetric optical-fiber sensors 66389
Feng Zhao *see* Dazun Zhao 73077
Feng Zhao *see* Hanying Zho 73133
Feng Zhao *see* Hanying Zhou 73134
Feng Zhenghe Analysis of rotative symmetric multi-port junction by use of generalized intrinsic modes 92497
Feng Zhigang *see* Zhigang Feng
Feng Zhirong *see* Zhirong Feng
Feng Zhou *see* Zhou Feng
Feng-Bao Lin *see* Geng Yan 54790
Feng-Berman, S.K., Siddons, D.P., Berman, L. National Synchrotron Light Source beam line data acquisition and analysis computer system 87756
Feng-Bin Sun *see* Kececioglu, D. 69625
Feng-Cai Ren *see* Ren Feng-Cai
Feng-Jian Wang *see* Yung-Chao Ting 51830
Feng-Wen Sun *see* Amrani, O. 95105
Feng-Zhen Guo *see* Chang-Tai Yu 81682
Fengcheng He *see* He Fengcheng
Fengchun Qian *see* Qian Fengchun
Fengduo Hu *see* Sarkar, T.K. 51465
Fenger, E. *see* Reinhardt, W. 85329
Fengguang Lou *see* Lou Fengguang
Fengguang Luo *see* Mingcui Cao 56472
Fengguang Luo *see* Luo Fengguang
Fenghua Xiong, Weidong Sun A study on cloud clearing method for satellite images based on isotherm's auto-connection 67821
Fenghua Xiong *see* Xianghong Liu 77285
Fenglin Li *see* Lizhi Liu 99528
Fenglin Wu *see* Xiaoliang Ma 90690

Fengmin Gong, Parulkar, G. Study of a two-level flow control scheme and buffering strategies 65329
Fengqing Wu, Machewirth, D., Snitzer, E., Sigel, G.H., Jr. An efficient single-mode Nd^{3+} fiber laser prepared by the sol-gel method 94429
Fengshan Zhang *see* Zhang Fengshan
Fengsheng Zhou *see* Zhou Fengsheng
Fengshi Zheng *see* Zheng Fengshi
Fengtie Wu, Xiangchun Yang, Xiaolei Zhu, Zhanao Sun, Dianyan Fan, Ximing Deng High energy and efficient SHG by using convex-antiresonant ring unstable resonator Nd:YAP pulsed laser 56928
Fengyu Lin *see* Lin Fengyu
Fengzeng Duan *see* Duan Fengzeng
Fengzhen Wang, Lo, T., Litva, J., Read, W. Spatio-temporal approach for real data with multipath propagation 97500
Fenigstein, A., Finkman, E., Bahir, G., Schacham, S.E. Polarization dependence of spectral transmission and photoconductive response of a p-doped multiple quantum well structure 87182
Fenigstein, A. *see* Betser, Y. 81825
Fenimore, C. *see* Field, B.F. 66608
Fenimore, D.L. *see* Wong, S.K. 94593
Fenk, J. *see* Thomas, V. 97136
Fenker, H., Morgan, K., Shypit, R., Thomas, J., Bower, C.R., Musser, J., Brooks, M., Lee, D., Martin, R., Mills, G., Romero, J., Alam, S., Nematti, B., O'Neill, J.J., Severini, H., Baltay, C., Barakat, B., Emmet, W., Sinnott, J., Wolin, E., Smith, G., Yu, B. Resolution measurement of an interpolating pad chamber in the 9 GeV/c π beam at BNL 67313
Fenker, H., Oliver, J., Regan, T., Thomas, J. A method to quench and recharge avalanche photodiodes for use in high rate situations 67383
Fenn, A.J., Diederich, C.J., Stauffer, P.R. An adaptive-focusing algorithm for a microwave planar phased-array hyperthermia system 53446
Fenn, A.J., King, G.A. Adaptive radiofrequency hyperthermia-phased array system for improved cancer therapy: phantom target measurements 53450
Fenn, R.C., Gerver, M.J. Passive damping and velocity sensing using magnetostrictive transduction 82303
Fennell, E.C. *see* McElray, J.L. 78228
Fennell, L.E. Flat panel display manufacturing infrastructure development 66607
Fenner, D. *see* Remmers, F. 65419
Fenner, D. *see* Remmers, F. 65492
Fenner, D.B., Li, Q., Hamblen, W.D., Luo, J., Hamblen, D.G., Budnick, J.I. Epitaxial HTS bolometers on silicon for IR detection 66347
Fenner, R.B. *see* Moncton, D.E. 88271
Fennimore, L.R. Software design team dynamics: A case study 70645
Fenrich, R.K. *see* Srikantan, G. 57822
Fensome, I. *see* Eisenhandler, E. 59183
Fenster, A. *see* Drangova, M. 67519
Fenstermacher, M. *see* Allen, S.L. 63878
Fenstermacher, M.E. *see* Lasnier, C.J. 63879
Fent, J. *see* Gruber, A. 88256
Fent, J. *see* Kiesling, C. 88254
Fent, J. *see* Kramerkamper, T. 88257
Fent, J. *see* Ribarics, P. 88255
Fenton, D.A. Lateral vibrations, causes and some solutions [in electric drive trains] 60530
Fenton, P.C. *see* van Nee, R.D.J. 65955
Fenzi, N., Aidnik, D., Skoglund, D., Rohlfing, S. Development of high temperature superconducting 100 nanosecond delay line 92492
Fenzi, N., Raihn, K., Soares, E., Matthaei, G. Development of an optically switched high-temperature superconducting multi-channel bandstop filter bank 92489
Fenzi, N. *see* Madden, J. 61868
Fenzi, N.O., Raihn, K.F., Negrete, G.V., Soares, E.R., Matthaei, G.L. An optically switched bank of HTS bandstop filters 80648
Feodrov, F.M. *see* Bakr, N.A. 79850
Feoktistov, N.A., Morozova, L.E. Multilayer systems based on a-Si:C:H films as dielectric and conducting optical mirrors and filters 56512
Feoktistov, Yu.V. *see* Paderin, P.S. 60638
Feoktistova, N.N. *see* Syrkin, L.N. 59608
Feonychev, A.I., Tillotson, B.J., Torre, L.P., Willenberg, H.J. Characterization of the microgravity environment on the Salyut and Mir Space Stations 77109
Ferab, M.S. *see* Guergouri, K. 48930
Ferberov, V.L. *see* Dyatko, N.A. 64150
Ferdeghini, C. *see* Calzona, V. 97972
Ferdinand, P. *see* Magne, S. 72732
Ferdinandov, E., Tsanev, V., Todorov, B. The combined influence of diffraction coherency and atmospheric turbulence on the contrast of the registered images in infrared remote sensing 52943
Ferdjallah, M., Barr, R.E. Adaptive digital notch filter design on the unit circle for the removal of powerline noise from biomedical signals 76878
Ferekides, C., Britt, J. CdTe solar cells with efficiencies over 15% 100461
Ferekides, C., Britt, J., Ma, Y., Killian, L. High efficiency CdTe solar cells by close spaced sublimation 100490
Ferekides, C.S. *see* Attar, G. 90432
Ferenc, J.J. *see* Bergland, G.D. 52615
Ferendeci, A.M., Shih Lin Lu, Jackson, C.M., Bhasin, K.B., Mueller, C. Two-tone intermodulation distortion in high Tc superconducting thin films 92550
Ferendeci, A.M. *see* Lu, S.-L. 70862
Ferentinos, K. *see* Papaioannou, T. 64253
Feretic, D. Application of mathematical modelling to analysis of safety of nuclear plants 99866
Ferfra, M., Viarouge, P., Kamwa, I., Tahan, S.A., Le-Huy, H. Identification of solid-rotor asynchronous-machine parameters from standstill tests in the time domain using nonlinear techniques 89957
Ferfra, M. *see* Tahan, S.-A. 89853
Ferfra, M. *see* Viarouge, P. 68551
Ferguson, A.I. *see* Dymott, M.J.P. 56666
Ferguson, A.I. *see* Hall, G.J. 50780
Ferguson, A.I. *see* Lincoln, J.R. 82979
Ferguson, A.I. *see* Lincoln, J.R. 82980
Ferguson, B.G., Trider, R.C., Hanlon, J.L. Acoustic detection, recognition, and localization of propeller-driven aircraft and helicopters 77101
Ferguson, D. *see* Radke, J. 77173
Ferguson, D.W. *see* Smith, P.M. 80839
Ferguson, F.J. *see* Lepejian, D.Y. 49447
Ferguson, F.J. *see* McGowen, R. 49323
Ferguson, F.J. *see* McGowen, R. 49401
Ferguson, G. *see* Seidler, W. 82077
Ferguson, I. *see* Benary, O. 53327
Ferguson, I. *see* Benary, O. 98517
Ferguson, I. *see* Benary, O. 98640
Ferguson, I.T., Cheng, T.S., Sotomayor Torres, C.M., Murray, R. Photoluminescence of molecular beam epitaxial grown $Al_{0.48}In_{0.52}As$ 72568
Ferguson, I.T. *see* Tae-Yeon Seong 71095
Ferguson, J.A. Ionospheric model validation at VLF/LF 83668
Ferguson, J.A. *see* Bickel, J.E. 83713
Ferguson, J.F. *see* Chiu, T.H. 55826
Ferguson, J.F. *see* Chiu, T.H. 71364
Ferguson, J.M., Gibbon, R.R. Overhead transmission lines—refurbishment and developments 59899
Ferguson, K. *see* Fife, A.A. 93943
Ferguson, M. *see* Horan, D. 68749
Ferguson, N. Extensions of single-term coins 73762
Ferguson, P. *see* Ziock, H.J. 76767
Ferguson, P.D., Sommer, W.F., Mueller, G.E., Borden, M.J. A thermocouple-based beam profile monitor for an 800 MeV proton accelerator 53135
Ferguson, R., Ausschnitt, C., Chang, I., Farrell, T., Hashimoto, K., Liebmann, L., Martino, R., Maurer, W., Mii, T., Moy, D., Neisser, M., Nunes, R., Samuels, D., Weed, J. Optimization of resolution-enhanced photolithography for a 256 Mb DRAM cell 71450
Ferguson, R. *see* Martino, R. 71505
Ferguson, R. *see* Wojcik, G. 71494
Ferguson, R.A., Adair, W.J., O'Grady, D.S., Martino, R.M., Molless, A.F., Grenon, B.J., Wong, A.K., Liebmann, L.W., Callegari, A.C., La Tulipe, D.C., Sprout, D.M., Seguin, C.M. Impact of attenuated mask topography on lithographic performance 71466
Ferguson, R.A., Martino, R.M., Budd, R.A., Staples, J.L., Liebmann, L.W., Dove, D.B., Weed, J.T. Application of an aerial image measurement system to mask fabrication and analysis 62566
Ferguson, R.A. *see* Liebmann, L.W. 71507
Ferguson, R.A. *see* Wong, A.K. 71465
Ferguson, S.P. Implications of SONET and SDH 58434
Ferguson, S.W. *see* Allen, S.L. 63878
Ferguson, S.W. *see* Lasnier, C.J. 63879
Ferguson, W.C. Divestiture plus ten: an industry report card [telecommunication] 51889
Ferguson-Pell, M.W. *see* Malagodi, M.S. 77059
Ferhat-Hamida, A. *see* Chikouche, D. 70744
Feria, E.H. Optimum channel and source integrated (CSI) coding 84015
Feria, E.H. Decomposed predictive transform estimation 95393
Feria, E.H. *see* Guerci, J.R. 86557
Feria, E.H. *see* Teytelman, D. 86716
Ferioli, G. *see* Camas, J. 76612
Ferkinhoff, D.J., Nguyen, C.T., Hammel, S.E., Gong, K.F. Performance characterization of artificial neural networks for contact tracking 99399
Ferkovic, B. Problem of pressure instability in ultrathermostat for air measurement standard capacitors 70945
Ferla, A.La *see* La Ferla, A.
Ferla, G. *see* Spinella, C. 79823
Ferland, G. Modelling of a trellis decoder used as inner code in a concatenated coding system 95221
Ferland, G., Chikhani, A., Cartier, J.C. Harmonic and transient analysis of an aircraft electrical distribution system 99111
Ferland, G., Chouinard, J.-Y. Performance of BCH codes with DES encryption in a digital mobile channel 75257
Ferlet-Cavrois, V., Musseau, O., Leray, J.L., Coic, Y.M., Pelloie, J.L. Heavy ion sensitivity of a SRAM in SOI bulk-like technology 70471
Ferlet-Cavrois, V. *see* Musseau, O. 70478
Ferligoj, A. *see* Petek, B. 84026
Ferlin, G. *see* Dufay, L. 94020
Fermann, M.E. *see* Galvanauskas, A. 72747
Fermann, M.E. *see* Galvanauskas, A. 82977
Ferme, J. *see* Auger, G. 98385
Fermuller, C. Global 3D motion estimation 96017
Fermuller, C., Aloimonos, Y. Recognizing 3-D motion 95709
Fermuller, C., Kropatsch, W. A syntactic approach to scale-space-based corner description 74307
Fernandes, C. *see* N'dri, D. 57337
Fernandes, C.A., Barbosa, A.M. Analysis of the radiation from a class of finite-length structures using the Wiener-Hopf formulation: application to a multi-filar helix 73477
Fernandes, H.C.C., de Souza, E.A.M., de Souza Queiroz, I., Jr. Metallization thickness in bilateral and unilateral finlines 64182
Fernandes, H.C.C. *see* de Brito, A.C.R. 83790
Fernandes, J.J.G., Watson, P.A., Neves, J.C. Wireless LANs: physical properties of infra-red systems vs. mmw systems 74989
Fernandes, M.G., Kawasaki, H., Klein, J.L., Jawarani, D., Subrahmanyan, R., Yu, T.-K., Pintchovski, F. Characterization of stress migration in sub-micron metal interconnects 62544
Fernandes, P., Girdinio, P., Molinari, G. Techniques of h-refinement in adaptive meshing algorithms 73220
Fernandes, P. *see* Caorsi, S. 70831
Fernandes, P. *see* Drago, G. 83495
Fernandez, A.Burgos *see* Burgos Fernandez, A.
Fernandez, D. *see* Szorenyi, T. 48978
Fernandez, D.Arroyo *see* Arroyo Fernandez, D.
Fernandez, D.M., Teague, C.C., Vesecky, J.F., Roughgarden, J.D. Upwelling and relaxation events inferred from high-frequency radar measurements of coastal ocean surface currents 67864
Fernandez, D.S. Protecting your intellectual property 69660
Fernandez, D.S. Intellectual property protection in the EDA industry 90854
Fernandez, E. *see* Gingrich, D. 53291
Fernandez, F.A. *see* Cvetovic, S.R. 72387
Fernandez, F.A. *see* Yilong Lu 82635
Fernandez, F.Anibal *see* Anibal Fernandez, F.
Fernandez, F.V. *see* Medeiro, F. 91799
Fernandez, F.V. *see* Medeiro, F. 91840
Fernandez, F.V. *see* Wambacq, P. 70233
Fernandez, H., de Guzman, M.I., Guzman, V.M. Design of a three-phase PWM UPS control system using the Counter Number Method 90138
Fernandez, I.B., Subbarao, W.V. Encryption based security for ISDN communication: technique and application 85879
Fernandez, J. *see* Azkargorta, J. 82975
Fernandez, J. *see* Flores, D. 81927
Fernandez, J. *see* Hidalgo, S. 50030
Fernandez, J.F. *see* Villegas, M. 92640
Fernandez, J.M. *see* Young, A.P. 55634
Fernandez, J.R. Defense Message System management concept of operations 59628
Fernandez, J.R. *see* Espeso, J.I. 72032
Fernandez, L.A.M. *see* Hernan, A.A. 96806
Fernandez, L.S. *see* Breuer, P.T. 49094
Fernandez, M., Aridgides, A., Bourdelais, J. Algorithm for sonar-based signal identification 97463
Fernandez, M., Durrant-Whyte, H.F. An information-theoretic approach to data-validation 57624
Fernandez, M. *see* Gonzalez, G.D. 87167
Fernandez, P.B. *see* Smither, R.K. 87762
Fernandez, P.B. *see* Smither, R.K. 88292
Fernandez, R., Harwit, A., Kinell, D. Accurate measurements of transients and intentional rates of change in molecular beam epitaxy growth rate calibrations 54835
Fernandez de Caleya, R., Lopez-Amo, M., Martin-Pereda, J.A. Low cost time division multiplexing of identical optical fibre ring intensity sensors 76050
Fernandez de le Vega, W., Manoussakis, Y. Computation of the forwarding index via flows: a note 74764
Fernandez-Cid, P., Casajus-Quiros, F.J. Single-chip, real-time, harmonic matching pitch-to-MIDI converter 70633
Fernandez-Duran, A., Perez-Abadia, M. Application of quadratic correlation to fast channel acquisition and modulation in mobile communications 52400
Fernandez-Guasti, M. *see* Haro-Poniatowski, E. 64005
Fernandez-Margarit, A., Perez-Jimenez, M.J. Maximum schemes in arithmetic 69742
Fernandez-Martinez, J.J. *see* Sanz-Bobi, M.A. 78438
Fernandez-Villacanas, J.-L. *see* Amin, S. 79643
Fernandez-Villacanas, J.L. *see* Adjali, I. 51956
Fernando, C. *see* Normandin, R. 94462

Fernando, C.A.N., Kitagawa, A., Suzuki, M., Takahashi, K., Komura, T. Photoelectrochemical properties of rhodamine-C_{18} sensitized p-CuSCN photoelectrochemical cell (PEC) 78781
Fernando, C.J.L. *see* Deshpande, M.R. 62624
Fernando, C.J.L. *see* Huber, J.L. 62668
Fernando, C.J.L. *see* Macks, L.D. 81797
Fernando, C.L., Frensley, W.R. A hybrid quantum-classical model for transport in tunneling heterostructures 62667
Fernando, J.S., Ercegovac, M.D. Conventional and on-line arithmetic designs for high-speed recursive digital filters 70733
Fernando, P. *see* Kularatna, A.D.V.N. 96328
Fernando, P.N., Hashi, T. The influence of optical device technologies on the subscriber loop 52541
Fernando, S. *see* Kularatna, A.D.V.N. 96328
Fernando Silva, J. *see* Quadrado, J.C. 90564
Ferne, A. *see* Mitchell, J. 75702
Fernengel, W. Microstructure and magnetic properties of sintered Nd-Fe-C magnets 72016
Ferner, J.A. *see* Boenig, H.J. 83537
Fernicola, V., Crovini, L. Cr:YAG fluorescence-decay for optical-fiber temperature sensors 66395
Fernicola, V., Crovini, L. Digital signal processing for fiber-optic thermometers 87057
Fernier, B. *see* Speier, P. 83173
Fernow, J.P. *see* Lee, Y. 58513
Fernow, J.P. *see* Loh, R. 65984
Fernsler, F.J. *see* Bernecker, C.A. 90638
Fero, M. *see* Shapiro, G. 76455
Feron, M. *see* Bellon, E. 88473
Ferragina, P. *see* Bianchini, P. 73862
Ferrandi, F. *see* Bombana, M. 55049
Ferrando, A. *see* Akimov, V. 53300
Ferrando, A. *see* Arefiev, A. 88007
Ferrando, M. *see* Marti, J. 75707
Ferrante, F., Kipling, A.L., Thompson, M. Molecular slip at the solid-liquid interface of an acoustic-wave sensor 97879
Ferranti, D.C., Morgan, J.C., Thompson, B., Joyce, W.C. Advances in focused ion beam repair of opaque defects 81723
Ferrara, M.R. Octave doubler for mixer LO 49591
Ferrare, R.A. *see* Wang, J.R. 77407
Ferrari, A., Alengrin, G. High-order ergodicity of a complex harmonic process 95433
Ferrari, A. *see* Berenguer, C. 84436
Ferrari, A. *see* Esposito, A. 76388
Ferrari, A. *see* Gingrich, D. 53291
Ferrari, A. *see* Lazarouk, S. 81552
Ferrari, A.M. *see* Ellis, W.H. 87974
Ferrari, C. *see* Salviati, G. 79837
Ferrari, D., Banerjea, A., Hui Zhang Network support for multimedia a discussion of the Tenet approach 65149
Ferrari, D., Gupta, A. Resource partitioning for real-time communication 96480
Ferrari, D. *see* Hui Zhang 58203
Ferrari, D. *see* Parris, C. 65181
Ferrari, E. *see* D'Antona, G. 97868
Ferrari, J. *see* Orvek, K. 71488
Ferrari, J.J., Dass, S.K. A comparison of deep-UV reflection control methods for interconnect layers 71423
Ferrari, M., Castellani, V., Lo Cigno, R., Losquadro, G., Tabone, M. Transmission issues for HDTV satellite systems 75732
Ferrari, P., Flechet, B., Angenieux, G. Time domain characterization of lossy arbitrary characteristic impedance transmission lines 61865
Ferrari, R.L. An examination of the behaviour of Lorentz-gauge vector and scalar potentials at material discontinuities 83752
Ferrari, R.L. *see* Mias, C. 73275
Ferrari, R.L. *see* Mias, C. 94934
Ferrari, V. *see* Ranucci, E. 52824
Ferrario, M., Kulinski, S., Minestrini, M., Tazzari, S. Magnetic bottle configuration to coat 1.3 GHz copper cavities with a Nb sputtered film 53106
Ferrario, M., Serafini, L., Tazzioli, F. Multibunch dynamics in accelerating structures including interaction with higher order modes 87912
Ferrario, M. *see* Minestrini, M. 67118
Ferrario, M. *see* Tazzioli, F. 67001
Ferraris, F., Gorini, I., Grimaldi, U., Parvis, M. Calibration of three-axial rate gyros without angular velocity standards 66194
Ferraris, P. *see* Boglietti, A. 54069
Ferraris, P. *see* Boglietti, A. 68599
Ferraro, P. *see* Dunphy, J. 52887
Ferraro, R.R. *see* Weng, F. 88754
Ferrat, S., Crochet, M. Methods of detection and estimation errors in ST radar studies 88775
Ferrater, G. *see* Zhang, X.X. 72025
Ferraz, M.A. *see* Haenisch, M.A.M. 86578
Ferrazzini, P. Standards for railway traction electrical and electronic equipment 69139
Ferreira, A., Ubeda, S. Ultra-fast parallel contour tracking, with applications to thinning 64738
Ferreira, A. *see* Desprez, F. 51786
Ferreira, A.M. *see* Bender, D.K. 79336
Ferreira, C., Jones, S.R., Heglund, W.S., Jones, W.D. Detailed design of a 30-kW switched reluctance starter/generator system for a gas turbine engine application 68553
Ferreira, C. *see* Garcia, J. 51547
Ferreira, C. *see* Garcia, J. 57878
Ferreira, C. *see* Tajahuerce, E. 57668
Ferreira, C. *see* Vazquez, C. 57879
Ferreira, C.A., Jones, S.R., Drager, B.T., Heglund, W.S. Design and implementation of a five horsepower switched reluctance, fuel-lube, pump motor drive for a gas turbine engine 69068
Ferreira, E.P. *see* Rey, J.P. 90569
Ferreira, G.F.Leal *see* Leal Ferreira, G.F.
Ferreira, H.C. *see* Botha, L. 84000
Ferreira, H.C. *see* Helberg, A.S.J. 51342
Ferreira, H.C. *see* Malladi, S.S. 51348
Ferreira, H.C. *see* Menyennett, C. 51341
Ferreira, H.C. *see* Oosthuizen, D.R. 95091
Ferreira, J.A. Improved analytical modeling of conductive losses in magnetic components 55448
Ferreira, J.A., Theron, P.C., van Wyk, J.D. Control methods for the nonlinear resonant pole inverter 78711
Ferreira, J.A., Theron, P.C., van Wyk, J.D. Comparison between hard switched and resonant pole inverters based on component losses 78712
Ferreira, J.A. *see* Badenhorst, M. 60583
Ferreira, J.A. *see* Hofsajer, I.W. 61513
Ferreira, J.A. *see* Hofsajer, I.W. 90204
Ferreira, J.A. *see* Klopper, S. 61514
Ferreira, J.A. *see* Koertzen, H.W.E. 100338
Ferreira, J.A. *see* Sinclair, A.J. 90156
Ferreira, J.A. *see* Smit, M.C. 100305
Ferreira, J.A. *see* Stielau, D.E. 99691
Ferreira, J.A. *see* Swart, S.M. 69223
Ferreira, J.A. *see* Theron, P.C. 68722
Ferreira, J.A. *see* Theron, P.C. 78710
Ferreira, J.A. *see* Theron, P.C. 100340
Ferreira, J.C. *see* Matos, J.S. 49581
Ferreira, L.A.F.M. On the convergence of the classic hydro-thermal coordination algorithm 77849
Ferreira, M.F.S. Analysis of femtosecond optical soliton amplification in fiber amplifiers 50777
Ferreira, M.G.S. *see* Pacheco, A.M.G. 49696
Ferreira, P. *see* Ariztizabal, F. 98518
Ferreira, P.J.S.G. Interpolation and the discrete Papoulis-Gerchberg algorithm 95375
Ferreira, R.R. *see* Bastos, J.P.A. 79748
Ferreira, S. *see* Faschinger, W. 55706
Ferreira, S.O., Sitter, H., Faschinger, W., Brunthaler, G. Growth of highly doped p-type ZnTe layers on GaAs using a nitrogen DC plasma cell 61301
Ferreira da Rocha, J.R. *see* Ribeiro, R.F.S. 97348
Ferreira Marques, R. *see* Chepel, V.Y. 98528
Ferreira Marques, R. *see* Fraga, F. 59124
Ferrell, B. Ultrawideband foliage penetration measurements 65925
Ferreol, A. *see* Bertel, L. 83675
Ferrer, C. *see* Rullan, M. 82065
Ferrer, M.L., Acuna, A.U., Amat-Guerri, F., Costela, A., Figuera, J.M., Florido, F., Sastre, R. Proton-transfer lasers from solid polymeric chains with covalently bound 2-(2′-hydroxyphlenyl)benzimidazole groups 50750
Ferrer, M.L. *see* Farilla, A. 52772
Ferrer, M.L. *see* Mirabelli, G. 62952
Ferrer, M.V. *see* Navarro, E. 54777
Ferrere, K. *see* Das, R. 58029
Ferrero, A., Sangiovanni, S., Zappitelli, E. A fuzzy-set approach to fault-type identification in digital relaying 89384
Ferrero, A., Sanpietro, F., Pisani, U. Accurate coaxial standard verification by multiport vector network analyzer 80650
Ferrero, A., Sanpietro, F., Pisani, U., Beccari, C. Novel hardware and software solutions for a complete linear and nonlinear microwave device characterization 76174
Ferrero, A., Sanpietro, F., Pisani, U., Brunetti, L. Comparison between a vector multiport network analyzer and the national S-parameter: measurement system 86865
Ferrero, A. *see* Cristaldi, L. 59700
Ferrero, A. *see* D'Alessandro, L. 87443
Ferrero, F., Cociglio, M., Lucantonio, M., Ullio, M. Service specification and validation in a pilot ATM environment 85699
Ferrero, U. *see* Olsen, B.T. 86380
Ferretti, E. *see* Cipollini, P. 77446
Ferri, G. *see* Cantalini, C. 66537
Ferri, G. *see* Cuomo, D. 50467
Ferri, G. *see* Cuomo, D. 52512
Ferri, G. *see* Cuomo, D. 82608
Ferri, M. *see* Galati, G. 77196
Ferrier, R.P. *see* McVitie, S. 50302
Ferrier, S.G. *see* Adams, J.C. 56552
Ferrieu, F. *see* Boucaud, P. 70002
Ferrieu, F. *see* Boucaud, P. 70036
Ferrieu, F. *see* Regolini, J.L. 91488
Ferrieux, J.P. *see* Bendaas, M.L. 90659
Ferrieux, J.P. *see* Farjah, E. 81914
Ferro, M. *see* Day, C. 51996
Ferro, P., Trillo, S., Wabnitz, S. Phase control of a nonlinear coherent coupler: the multi-beat-length twisted birefringent fiber 56350
Ferro, P., Trillo, S., Wabnitz, S. All-optical polarisation differential amplification with birefringent fibre 82589
Ferro, R.J., Robson, R.R., Hooper, W.W., Hasenberg, T.C., Bailey, L.D., Newell, S.M. A novel GaSb/AlSb/InAs high efficiency rectifying diode 62669
Ferroni, M. *see* Buontempo, S. 98502
Ferruti, P. *see* Ranucci, E. 52824
Ferry, D.K. *see* Grubin, H.L. 62641
Ferry, D.K. *see* Guncer, S.E. 62188
Ferry, D.K. *see* Ochiai, Y. 81325
Ferry, D.K. *see* Yamada, T. 81286
Ferry, D.K. *see* Yano, K. 62823
Ferry, J. *see* Anderson, D. 87831
Ferry, R.J., Amin, M.G. On computing and implementing the running higher order statistics 92400
Ferstl, M., Kuhlow, B., Pawlowski, E. AR-coated arrays of binary lenses for interconnection networks at 1.5 μm 50542
Ferstl, M. *see* Dietrich, E. 97237
Fertein, E. *see* Cordier, P. 82599
Fertein, E. *see* Douay, M. 63391
Fertitta, K.G., Holmes, A.L., Neff, J.G., Ciuba, F.J., Dupuis, R.D. High-quality GaN heteroepitaxial films grown by metalorganic chemical vapor deposition 79858
Fertitta, K.G. *see* Chelakara, R.V. 83040
Fertitta, K.G. *see* Holmes, A.L. 79785
Ferullo, D.A. *see* Bzymek, Z.M. 70231
Feschenko, A. *see* Hurd, J.W. 76590
Fesharaki, M.N., Hellestrand, G.R. A new edge detection algorithm based on a statistical approach 95900
Fessant, A., Gieraltowski, J., Loaec, J., Spenato, D., Le Gall, H. A broad-band method for measuring the complex permeability of thin soft magnetic films 66655
Fessenden, R.W. *see* Bedja, I. 63549
Fessenden, T. *see* Yu, S. 67027
Fessenden, T.J. *see* Sharp, W.M. 67033
Fessler, H. *see* Alber, T. 98500
Fessler, J.A. Segmented attenuation correction for PET 59329
Fessler, J.A., Hero, A.O. Complete-data spaces and generalized EM algorithms 84387
Fessler, J.A., Hero, A.O. Space-alternating generalized expectation-maximization algorithm 95381
Fessler, J.A. *see* Hero, A. 95716
Fessler, J.A. *see* Hero, A.O. 57723
Fessler, J.F. *see* Pohida, T.J. 87036
Fessler, P., Krummenacher, F., Renouprez, A., Lemonnier, M. An ultra low noise multi-channel integrated readout for X-ray multi-detectors 67388
Fetch, S.B. *see* Sheng, T. 62394
Fetherston, R.P. *see* Malik, S.M. 62385
Fetisov, S.A. *see* Volkov, S.S. 53141
Fetisov, Y.K. Anisotropic propagation of magnetostatic surface waves in a nonstationary magnetized ferrite film 50244
Fetisov, Y.K. *see* Dunaev, S.N. 50243
Fette, L., Gehrman, T. Designing with surface-mount switches 92693
Fetter, J.C. *see* Theron, P.C. 100340
Fetter, L.A. *see* Tarascon, R.G. 81635
Fetter, L.A. *see* Tichenor, D.A. 81591
Fetterman, H.R., Prakash, D.P., Scott, D.C., Wang, W., Jalali, B. Integrated optically driven millimeter wave sources and receivers 80651
Fetterman, H.R. *see* Martin, M.Z. 93330
Fetterman, H.R. *see* Prakash, D.P. 82852
Fetterman, H.R. *see* Wenshen Wang 72451
Fetting, F. *see* Alberti, K. 98155
Fettweis, A. On the spectral factorization of real rational nonnegative definite para-Hermitian matrices 91175
Fettweis, A. *see* Lizhong Zhu 61942
Fettweis, G. *see* Yee, N. 86065
Fetyukhina, L.V. *see* Sokol, E.I. 80126
Fetzer, C. *see* Cristian, F. 96230
Feuchter, T., Thirstrup, C. High precision planar waveguide propagation loss measurement technique using a Fabry-Perot cavity 94147
Feuchtinger, S. *see* Mauss, O.C. 75191
Feudale, F. *see* Bianco, L. 54014
Feudel, T. *see* Fichtner, W. 93299
Feuer, M.D., Shunk, S.C., Smith, P.R., Law, H.H., Burrus, C.A., Nuss, M.C. Broadband optoelectronic wafer probing 66672
Feuerstein, C. *see* Gath, I. 88514
Feuerstein, C. *see* Harris, B. 88487
Feuerstein, M.J., Blackard, K.L., Rappaport, T.S., Seidel, S.Y., Xia, H.H. Path loss, delay spread, and outage models as functions of antenna height for microcellular system design 86096
Feuerstein, R.J. *see* Blumenthal, D.J. 52290
Feuillade, C., Clay, C.S. Broadband source imaging in a shallow water wedge by an array of receivers 75653
Feuillade, M. *see* Bruckner, H.J. 72905
Feuillet, G. *see* Grieshaber, W. 81268
Feuillet, G. *see* Guelton, N. 79829
Feuillet, G. *see* Lawrence, I. 93013
Feuillet, R. *see* Leitloff, V. 53806
Feuillet, R. *see* Nekhoul, B. 89188
Feuillet, R. *see* Nekhoul, B. 100422
Feve, J.P., Boulanger, B., Marnier, G. Determination of the longitudinal profile of a focused Nd:YAG Gaussian beam from second-harmonic generation in a thin KTP crystal 56844

Feve, J.P. *see* Boulanger, B. 56876
Feve, J.P. *see* Boulanger, B. 56890
Fevrier, H. *see* Bouilleret, D. 87242
Fevrier, H. *see* Poumellec, B. 63394
Fevrier, H. *see* Poumellec, B. 73033
Fewell, M.P. *see* Martin, J. 94513
Feyder, A. *see* Entine, G. 59409
Feyder, G. *see* Thielen, A. 93687
Feyder, G. *see* Thielen, A. 93688
Feygenson, A., Hamm, R.A., Smith, P.R., Pinto, M.R., Montgomery, R.K., Yadvish, R.D., Temkin, H. A 144 GHz InP/InGaAs composite collector heterostructure bipolar transistor 61914
Feygenson, A. *see* Harriott, L.R. 91455
Feygenson, A. *see* Martin, S. 55411
Feygenson, A. *see* Montgomery, R.K. 61948
Feygenson, A. *see* Ritter, D. 55913
Feygin, G., Gulak, P.G., Chow, P. Architectural advances in the VLSI implementation of arithmetic coding for binary image compression 56069
Feygin, G., Gulak, P.G., Chow, P. Minimizing excess code length and VLSI complexity in the multiplication free approximation of arithmetic coding 95506
Feyk, C. *see* Rasmussen, J. 89759
Feyter, P.De *see* De Feyter, P.
Feyzi, M.R. *see* Faiz, J. 89951
Ffitch, P. *see* Faulkner, D. 86389
Fiaccabrino, G.C., Koudelka-Hep, M., Jeanneret, S., van den Berg, A., de Rooij, N.F. Array of individually addressable microelectrodes 66259
Fiacco, V.S. *see* Pokrzywa, R. 92672
Fiala, J.C., Lumia, R., Roberts, K.J., Wavering, A.J. TRICLOPS: a tool for studying active vision 57695
Fialkova, D.T. *see* Kravtsov, I.A. 57053
Fialkovsky, S.V. *see* Belolaptikov, I.A. 59156
Fiallo, H.H., Dougherty, J.P., Sei-Joo Jang, Newnham, R.E., Carpenter, L.A. Transmission properties of metal-semiconductor-relaxor microstrip lines 73461
Fiallos, E., Jarmasz, J., Caron, B., Ledoux, B. An enhanced ghost cancellation reference signal 86662
Fiamberti, D. *see* Bianchi, P. 76148
Fiandrini, E. *see* Adam, A. 88087
Fiandrini, E. *see* Adam, A. 88102
Fiandrini, E. *see* Adriani, O. 88023
Fiat, A., Naor, M. Broadcast encryption 83962
Fibush, D.K. Integrating digital audio into the serial digital video signal 97585
Fich, F. *see* Boyar, J. 73669
Fichou, D., Knobloch, H. Optical evanescent waves in oligothiophenes thin films 72281
Fichou, D., Nunzi, J.-M., Charra, F., Pfeffer, N. α-sexithiophene: a new photochromic material for a prototype ultrafast incoherent-to-coherent optical converter 50443
Fichou, D. *see* Charra, F. 81255
Fichtel, C.E. *see* Cuddapah, R. 76761
Fichter, D., Schulz-Gerchow Reconstruction of Murnau substation 78906
Fichtner, P.F.P., Herberts, M.C., Grande, P.L., Behar, M. Range parameters of Er, Ga and F implanted into SiC films 49858
Fichtner, W., Feudel, T., Kells, K., Lilja, K., Litsios, J., Muller, S., Strecker, N. TCAD in power device design and optimization 93299
Fichtner, W. *see* Dettmer, H. 55933
Fichtner, W. *see* Lendenmann, H. 55935
Fichtner, W. *see* Lendenmann, H. 62734
Fichtner, W. *see* Schenk, A. 49944
Fichtner, W. *see* Steiner, F.P. 79168
Fichtner, W. *see* Zimmermann, R. 49487
Fick, S.E. Enhanced techniques for ultrasonic power output measurement by modulated radiation pressure 99327
Fick, S.E. *see* Hsu, N.N. 91659
Ficklin, D. *see* Koontz, R.F. 68755
Ficner, S. *see* DiCarlo, J. 81670
Fictorie, C.P., Evans, J.F., Gladfelter, W.L. Kinetic and mechanistic study of the chemical vapor deposition of titanium dioxide thin films using tetrakis-(isopropoxo)-titanium(IV) 91617
Fidan, M. *see* Gunes, F. 92535
Fiddy, M.A. *see* Awrach, J.M. 72508
Fiddy, M.A. *see* Steriti, R.J. 50646
Fidler, J. *see* Bernardi, J. 50184
Fidler, J. *see* Schrefl, T. 50174
Fidler, J.K. *see* Sun, Y. 91687
Fidler, J.K. *see* Teng, J. 74059
Fidorra, F. *see* Kaiser, R. 56593
Fidorra, F. *see* Kaiser, R. 86348
Fiduccia, N. *see* Rashid, E. 92286
Fiebig, D. *see* Eilhardt, K. 57246
Fiebig, D. *see* Eilhardt, K. 94985
Fiebig, U.-C. *see* Baier, A. 65611
Fiechter, S. *see* Ellmer, K. 61409
Fiechter, S. *see* Ellmer, K. 91600
Fiederle, M. *see* Salk, M. 69918
Fiedler, B., Kolitsch, C. Non destructive observation of the fatigue progress in components—early detection of fatigue damage by thermography, thermal wave microscopy and acoustic emission 49041
Fiedler, C. The Siemens corporate network 85427
Fiedler, H. Decision aids for selection of star point connections in medium voltage electric power systems 68176
Fiedler, H.E. *see* Huang, H.T. 97709
Fiedler, K. *see* Schmidt, R.-G. 89588
Fiedler, K.D. *see* Grover, V. 69478
Fiedler, P. *see* Jakoubkova, M. 48991
Fiedler, S. *see* Fuhr, G. 57065
Fiedler, U., Moeller, B., Zeeb, E., Jung, C., Ebeling, K.J. Compact VCSEL module with butt-coupled fibre for efficient modelocking 72970
Fiedler, U., Zeeb, E., Reiner, G., Jost, G., Ebeling, K.J. Feedback power penalty in 1 Gbit/s singlemode fibre transmission with butt coupled VCSEL source 97230
Fiedler, U. *see* Moller, B. 83095
Fiegl, B., Hibler, M., Kiffe, W., Koch, F., Kuhnert, R., Messer, R., Schwarzbauer, H. Application of diamond in power device modules 79366
Fiegl, B., Hibler, M., Kiffe, W., Koch, F., Kuhnert, R., Messer, R., Schwarzbauer, H. Application of diamond in power device modules 79383
Fiegl, B., Kuhnert, R., Schwarzbauer, H., Koch, F. Diamond films as thermal conductors and electrical insulators applied to semiconductor power modules 69575
Fiegna, C., Iwai, H., Wada, T., Saito, M., Sangiorgi, E., Ricco, B. Scaling the MOS transistor below 0.1 μm: methodology, device structures, and technology requirements 62791
Fiegna, C., Iwai, H., Wada, T., Saito, T., Sangiorgi, E., Ricco, B. A new scaling methodology for the 0.1-0.025 μm MOSFET 71693
Fiegna, C. *see* Abramo, A. 62629
Fiegna, C. *see* Abramo, A. 81195
Fiegna, C. *see* Fischetti, M.V. 81374
Fiegna, C. *see* Ohguro, T. 93405
Fiegna, C. *see* Ono, M. 71674
Fiegna, C. *see* Ono, M. 93394
Fiegna, C. *see* Selmi, L. 62841
Fiegna, C. *see* Selmi, L. 81890
Fiegna, C. *see* Tsuboi, Y. 49966
Fieguth, T. *see* Bloom, E. 76520
Field, B.F., Kelley, E.F., Fenimore, C., Bennett, H.S. Research on flat panel display measurements at the National Institute of Standards and Technology 66608
Field, C.T. *see* Davidson, F.M. 65828
Field, C.T. *see* Davidson, F.M. 75472
Field, E.C., Jr. *see* Warber, C.R. 83712
Field, H., Emery, K. An uncertainty analysis of the spectral correction factor 100716
Field, H. *see* Bucher, K. 100717
Field, H. *see* Friedman, D.J. 90444
Field, J. Electrostatic wafer clamping for next-generation manufacturing 90934
Fieldgate, L.E. *see* Albery, W.J. 76247
Fielding, K.H. *see* Chelen, D.E. 85070
Fields, C.H., Partlo, W.N., Oldham, W.G. Aerial image measurements on a commercial stepper 71506
Fields, C.H. *see* Raab, E.L. 71503
Fields, D.E., van Hecke, H., Boissevain, J., Jacak, B.V., Sondheim, W.E., Sullivan, J.P., Willis, W.J., Wolf, K., Noteboom, E., Peters, P.M., Burke, R. Use of aerogel for imaging Cherenkov counters 98522
Fields, D.E. *see* van Hecke, H. 67350
Fields, M.C. *see* Bajaj, C.L. 53372
Fields, S. *see* Allen, S.L. 63878
Fields, S. *see* Followell, D. 59486
Fields, T. Automatic scanning and measuring using POLLY 76818
Fields, T. Bubble chamber measurements of cascade times in mesic atoms 76819
Fields, T.R. *see* Yaeger, E. 70995
Fields, T.R. *see* Yaeger, E. 81067
Fields, T.W., Sharpin, D.L., Tsui, J.B. Digital channelized IFM receiver 77793
Fields, T.W., Sharpin, D.L., Tsui, J.B. Digital channelized IFM receiver 88920
Fields, W.F. *see* Lasnier, C.J. 63879
Fien, H., Hinrichsen, V. High-voltage metal-oxide divertors: layout and construction criteria 99773
Fien, H. *see* Hinrichsen, V. 99633
Fienup, J.R. *see* Stankwitz, H.C. 75527
Fieret, J., Heath, R., Lawrence, A., Osborne, M.R., Osbourn, S.J., Stamatakis, T., Winfield, R.J. The CHIRP II high-power excimer laser 63666
Fierro, R.D., Yao, K. Analytical bounds on least squares and total least squares methods for the linear prediction problem 84469
Fieselmann, B. *see* Arya, R.R. 90414
Fieselmann, B. *see* Arya, R.R. 100522
Fieselmann, B. *see* Russell, L. 100658
Fievet, C. *see* Chevrier, P. 90225
Fiez, T.S. *see* Eshraghi, A. 80277
Fiez, T.S. *see* Goldenberg, M. 92371
Fife, A.A., Angus, V., Betts, K., Burbank, M., Cragg, A., Ferguson, K., Fortier, N., Kubik, P.R., Habib, F., Nomura, J., Smith, M., Spear, P., Vrba, J., Wager, D., Westera, W., Zhou, H. High T_c DC SQUID and flux transformer development 93943
Fifield, L.K. *see* Auger, G. 98385
Figer, D.F. *see* McLean, I.S. 66427
Figiel, H. *see* Kapusta, C. 50218
Figiel, H. *see* Turek, K. 49021
Figiel, J.J. *see* Lear, K.L. 83156
Figiel, J.J. *see* Schneider, R.P., Jr. 50823
Figielski, T., Makosa, A., Wosinski, T., Harness, P.C., Singer, K.E. Electron-phonon interaction during resonant tunneling through a double-barrier heterostructure 81282
Figlin, M.G. *see* Ivanov, V.N. 78897
Figue, J., Refregier, P. Evaluation of optimal synthetic discriminant filters on an application to angle determination 51572
Figue, J., Refregier, P. Angle determination of airplanes by multicorrelation technique with optimal trade-off synthetic discriminant filters 76201
Figueiras-Vidal, A.R. *see* Farrer-Ballester, M.A. 73898
Figueiredo, M.T. *see* Dantas, J.F. 82115
Figueiredo, M.T. *see* Leal Ferreira, G.F. 82108
Figuera, J.M. *see* Ferrer, M.L. 50750
Figueras, J. *see* Isern, E. 49322
Figueras, J. *see* Isern, E. 49397
Figueras, J. *see* Isern, E. 93587
Figueras, J. *see* Rodriguez-Montanes, R. 49320
Fikis, H. *see* Kovac, P. 82337
Fikke, S.M., Ohnstad, T.M., Telstad, T., Forster, H., Rolfseng, L. Effect of long range airborne pollution on outdoor insulation 89344
Fikry, W., Ghibaudo, G., Dutoit, M. Temperature dependence of drain-induced barrier lowering in deep submicrometre MOSFETs 55978
Fiks, M.O. *see* Kharaz, D.I. 99826
Fiksel, J. Design for environment: an integrated systems approach 54461
Fiksel, J., Wapman, K. How to design for environment and minimize life cycle cost 90908
Filali, M. The specification of the temporal behaviour for multimedia scheduling 74807
Filangeri, E.M., Nishida, T. Depth profile of thermal donor in boron-doped Czochralski-grown silicon 71290
Filangeri, E.M., Nishida, T. Hydrogenation of boron in silicon during low temperature gas and liquid phase processing 71336
Filanovsky, I. *see* Xie, D. 91889
Filaretov, V.V. Optimisation of formulae for system functions of electric circuits 70220
Filas, R.W. *see* Marchman, H.M. 87260
Filatov, K.V. A new method of measuring the noise of a quartz oscillator 80167
Filatov, M.Yu. *see* Milenin, V.V. 55654
Filatov, O. *see* Nikulin, A. 82452
Filbert, D. *see* Bradatsch, T. 53988
Filbig, A.-A. SAW filters for worldwide mobile radio: minimum values for insertion loss as an objective of development 75263
Filbig, A.-A. SAW filters for wireless communications worldwide 82226
File, D. *see* Bekker, T.L. 62064
Filer, N. *see* Brown, M. 91738
Files, D.T. *see* Strohkendl, F.P. 56698
Files-Sesler, L.A. *see* Cho, C.-C. 81497
Filetti, V.R. *see* Caponero, M.A. 73157
Filev, D.P. *see* Yager, R.R. 74483
Filho, A.D.de Macedo *see* de Macedo Filho, A.D.
Filho, A.F.Flores *see* Flores Filho, A.F.
Filho, E.Abud *see* Abud Filho, E.
Filho, E.R., Avolio, E. Squirrel-cage induction-motor dynamics simulation using an electrical and thermal mathematical model based on manufacturer technical bulletins data and on technical standard statements 54009
Filho, E.R., Riehl, R.R., Avolio, E. Automatic three-phase squirrel-cage induction motor test assembly for motor thermal behaviour studies 100123
Filho, E.R. *see* Almeida, A.T.L. 89944
Filho, J.D.Pinheiro *see* Pinheiro Filho, J.D.
Filho, J.P. *see* Miranda, G.C. 88951
Filho, J.P. *see* Miranda, G.C. 88952
Filho, M.S.Araujo *see* Araujo Filho, M.S.
Filho, O.M.C.P., da Silva, L.C. Scattering matrix of cylindrical posts centered on the walls of rectangular waveguides 73464
Filho, R.Baldini *see* Baldini Filho, R.
Filho, S.P.C. *see* Allia, P. 72004
Filiatre, C., Bardeche, G., Valentin, M. Transmission-line model for immersed quartz-crystal sensors 87156
Filiatre, C. *see* Valentin, M. 87564
Filiberti, D.P., Marsh, S.E., Schowengerdt, R.A. Synthesis of imagery with high spatial and spectral resolution from multiple image sources 84752
Filicori, F. *see* Mirri, D. 98188
Filicori, F. *see* Mirri, D. 98243
Filikov, V.A. *see* Suleman, Kh. 91627
Filimon, V., Kozek, W., Kreuzer, W., Kubin, G. LMS and RLS tracking analysis for WSSUS channels 86139
Filimonov, D.Yu. *see* Vasiltsov, V.V. 56633
Filimonov, I. *see* Pommot Maia, M. 59128
Filimonov, M.Z. *see* Severgin, Yu.P. 76321
Filion, A.Y. *see* Andry, P. 62798
Filion, L.J. Visionary Systems Thinking (VST) as a support to creativity in the quality management (TQM) process 60989
Filip, M., Vilar, E. Implementation of adaptive modulation as a fade countermeasure 52448

Filip, P., Cucej, Z., Mohorko, J., Planinsic, P., Donlagic, D. DCT and DWT based image compression: quantization effects and reconstruction 64817
Filip, P. *see* Cucej, Z. 64815
Filip, P. *see* Mohorko, J. 64816
Filip, P. *see* Planinsic, P. 64818
Filipczak, T. A relationship between intersection conditions and porosity conditions for local systems 91337
Filipiak, J., Kawalec, A. Broadband dispersive delay line for compressive receiver on quartz substrate 50167
Filipov, Y.F. *see* Eremenko, Z.E. 62331
Filipovic, D.F., Bradley, R.F., Rebeiz, G.M. A planar broadband balanced doubler using a novel balun design 80732
Filipovic, D.F., Bradleyt, R.F., Rebeiz, G.M. A planar broadband MIC balanced varactor doubler using a novel grounded-CPW to slotline transition 80856
Filippas, T.A. *see* von Apeldoorn, G. 88116
Filippelli, F.L., Forti, M., Manetti, S. New linear and quadratic programming neural network 92442
Filippenko, L.V. *see* Koshelets, V.P. 49645
Filippenko, L.V. *see* Koshelets, V.P. 50407
Filippenko, V.A. *see* Msaileb, A.T. 99936
Filippetti, F., Franceschini, G., Tassoni, C. Neural networks aided on-line diagnostics of induction motor rotor faults 68597
Filippi, R.G. *see* Rathore, H.S. 62545
Filippo, E.De *see* De Filippo, E.
Filipponi, A. *see* Green, M.A. 87749
Filippov, A.I. *see* Baranov, V.A. 76849
Filippov, S.V. *see* Kotlyar, V.V. 50904
Filippov, V.N. *see* Lukash, D.G. 50457
Filippov, V.N. *see* Lukash, D.G. 56352
Filippov, V.N. *see* Lukash, D.G. 72342
Filipski, P. *see* Arseneau, R. 86935
Filipski, P.S., Baghzouz, Y., Cox, M.D. Discussion of power definitions contained in the IEEE Dictionary 77802
Filis, K.G., Gupta, S.C. Overlay of cellular CDMA on FSM 52409
Filis, K.G., Gupta, S.C. Coexistence of cellular CDMA and FSM: interference suppression using filtered PN sequences 86231
Filiz, I.H. Computer aided selection of DC servomotors for machine tool feed drives 60254
Filjar, R. An application of GPS ionospheric time-delay model 97498
Filkin, V.Ya. *see* Gubkin, I.N. 82327
Fill, E.E., Crespo Lopez-Urrutia, J.R., Schlogl, D., Steingruber, J. X-ray laser research at Max Planck Institute of Quantum Optics 50732
Fill, E.E., Schlogl, D., Steingruber, J. Self-pumped photoresonant X-ray lasers: theory and experiment 50740
Fill, E.E., Schoning, T. Linewidth calculations of Si^{11+} and Mg^{9+} resonance lines and application to photoresonant X-ray laser pumping 82922
Fillard, J.P., Lussert, J.M., Castagne, M., M'timet, H. Fourier phase shift location estimation of unfocused optical point spread functions 95788
Fillard, J.P., Prioleau, C., Lussert, J.M., Castagne, M., Bonnafe, J. PSTM images for semiconductor nanotechnologies 81419
Fillere, I. *see* Jourlin, M. 95677
Fillion, G. *see* Hermann, R. 72185
Fillion, R.A. *see* Forman, G.A. 90999
Fillipi, R. *see* Dalal, H.M. 93258
Filloux, J.H. *see* Petitt, R.A., Jr. 77341
Fillunger, H., Schwarz, K. Activities in the field of superconductivity in Austria from 1975 to 1993 82344
Filonov, A.B. *see* Tralle, I.E. 81378
Filonov, A.G. *see* Gorchakov, L.V. 63636
Filonova, N.A. *see* Gorchakov, L.V. 63636
Filtz, M., Scholz, T. Impedance calculations for a coaxial liner 67133
Filtz, M. *see* Henke, H. 67098
Filus, Z. An efficient driver for electromagneto-acoustic transducers with a switch-mode high voltage supply 67931
Filz, K. *see* Gander, H. 97791
Fimia, A., Fuentes, R., Belendez, A. Noise gratings in bleached silver halide diffuse-object holograms 83350
Fimia, A., Fuentes, R., Mateos, F., Sastre, R., Pineda, J., Amat-Guerri, F. Real-time measurement of diffraction efficiency in holographic materials with nonlinear responses 94681
Fimia, A. *see* Banyasz, I. 83393
Fimia, A. *see* Belendez, A. 94674
Fimia, A. *see* Carretero, L. 83386
Finagin, V.I. *see* Yasakov, G.S. 77920
Finan, R.A., Liu, Y. Formant enhancement of speech for listeners with impaired frequency selectivity 73798
Finardi, C.A. *see* Cabreira, C.M. 80419
Finch, B.J. Advances in military vehicle electronics 67946
Finch, J.W., Nuttall, B.W., Zachariah, K.J. Integrated modelling and control development tools for turbogenerator voltage regulators and governors 60160
Finch, M., Flynn, D., Sieglinger, B., Franques, V. A modular all-digital closed loop simulation for analysis and simulation of strategic interceptors 67953
Finch, P. Near infrared online analysis of octane number testing 66720
Fincham, B.E. Flue gas desulphurisation at Drax power station 99940
Fincham, W., Evans, K.W., Goldrick, T.J., Fowkes, M. On-vehicle monitoring: a new approach to the improvement of traffic safety 69177
Finco, S., Guilherme, J., Behrens, F.H., Simas, M.I.C. A monolithic smart switching cell targeted to a wide range of low power high density applications 91886
Finco, S. *see* Castro Simas, M.I. 62769
Finders, J. *see* Kohl, A. 54921
Findikoglu, A.T., Nakamura, T., Tokuda, H., Iiyama, M. A noncontact cryogenic microwave measurement system for superconducting device characterization 87482
Findlay, R.D., Dableh, J.H. Reduction of eddy current losses in pipe-type cable systems 99711
Findlay, R.D., Stranges, N., MacKay, D.K. Losses due to rotational flux in three phase induction motors 89998
Findlay, R.D. *see* Stranges, N. 89839
Fine, B., McGuire, G. Considerations for selecting a DSP processor (ADSP-2101 vs. TMS320C50) 70608
Fine, M.E. *see* Loomans, M.E. 79975
Fine, P. *see* Derhacobian, N. 81188
Fine, P. *see* Derhacobian, N. 92932
Fine, P.M. *see* Rossington, C.S. 59108
Finean, B. Channel assignment in mobile satellite networks 52457
Finegan, T. *see* Senior, J.M. 52530
Fines, P. *see* Efstathiou, D. 83922
Fines, P. *see* Jianjun Wu 75287
Fingberg, H.-D. *see* Bartel, W. 58568
Finger, G., Biereichel, P., Meyer, M., Moorwood, A.F.M. Image sharpening by on-chip tracking in IRAC2 58785
Finger, L., Uhlmann, H. Effective computation of the Poincare map for the analysis of nonlinear dynamic circuits/systems using Runge-Kutta triples 70263
Fingerle, B.-M. GSM signalling in practice 75225
Fini, M., Velastin, S.A. Analytical least squares Hough transform with an implementation on a transputer network 85182
Fini, S. *see* Chiuderi, A. 57787
Fink, A.F. *see* Kuchinskii, K.A. 89834
Fink, B. *see* Englmeier, K.-H. 76934
Fink, C. L., Curry, B.P. An ion-source model for first-order beam dynamic codes 67269
Fink, F.K. *see* Hermansen, K. 98971
Fink, H., Sonnenschein, E. SF_6 insulated 52 kV medium voltage switchgear with vacuum circuit breakers 90215
Fink, H.-W. *see* Schmid, H. 71056
Fink, I., Sullivan, N., Lekas, J.S. Overlay sample plan optimization for the detection of higher order contributions to misalignment 82030
Fink, J.F. On the decomposition of Cayley color graphs into isomorphic oriented trees 54680
Fink, L.H. *see* Adibi, M.M. 59718
Fink, M. *see* Chakroun, N. 99369
Fink, M. *see* Gendreu, P. 99342
Fink, S. *see* Perotto, J.-F. 80353
Fink, T. *see* Rasmussen, J. 89759
Fink, U. *see* Englmeier, K.-H. 76934
Finkbeiner, F. *see* Scherschel, M. 67289
Finke, E. *see* Kohlbrecher, J. 57016
Finkei, R. *see* Yavatkar, R. 74984
Finkel, A., Petrucci, L. Composition/decomposition of Petri nets using covering graphs 48804
Finkel, A. *see* Bouloutas, A.T. 51974
Finkel', V.A., Yastrebenetskii, M.A. Principles of making switching and logic elements based on high-temperature superconductors 82400
Finkel'shtein, S.Kh. *see* Kisin, V.V. 70130
Finkelstein, A., Finkelstein, L. Requirements engineering for instrument systems 97770
Finkelstein, K.D. *see* Qun Shen 87757
Finkelstein, L. A review of measurement theory 75811
Finkelstein, L. Measurement and instrumentation science—an analytical review 86815
Finkelstein, L. Intelligent and knowledge based instrumentation—an examination of basic concepts 87013
Finkelstein, L., Grattan, K.T.V. Introduction to special issue on measurement and instrumentation science 86814
Finkelstein, L. *see* Abdullah, F. 75823
Finkelstein, L. *see* Abdullah, F. 86818
Finkelstein, L. *see* Abdullah, F. 97912
Finkelstein, L. *see* Finkelstein, A. 97770
Finkelstein, L., Grattan, K.T.V. *(editors)* State and Advances in Measurement and Instrumentation Education 60726
Finkelstein, M.S. Probabilistic approach to some problems of system safety 60874
Finkelstein, M.S. Once more on measures of importance of system components 61040
Finkelstein, W. *see* Hans, L. 81722
Finkelstein, W. *see* Loschner, H. 62601
Finken, K.H. *see* Hoenen, F. 88137
Finkenthal, M. *see* Regan, S.P. 63565
Finkler, R., Unbehauen, R. A new general equivalence transformation for mixed lumped and nonuniform distributed networks with synthesis applications 61787
Finkler, T. *see* Kiefer, U. 53564
Finkman, E. *see* Fenigstein, A. 87182
Finlan, J.M. *see* Ehlert, J.C. 83203
Finlayson, D.M. Variable-range hopping magnetoresistance in CdSe 92940
Finlayson, N. *see* Poustie, A.J. 56685
Finley, A.T. *see* Lee, R.L. 89197
Finley, D.A. Fermilab collider upgrade: recent results and plans 87826
Finley, D.A. *see* Holt, J.A. 87847
Finley, J.J. *see* Teissier, R. 81785
Finley, R.W., Pflasterer, C.A. Realtime avionics processor emulators 59443
Finley, W.R., Burke, R.R. Trouble shooting motor problems 60174
Finley, W.R., Burke, R.R. Analyzing motor installations to ensure trouble-free operation 78571
Finley, W.R., Burke, R.R. Troubleshooting motor problems 89817
Finn, G. *see* Felderman, R. 65302
Finn, S.D. A high performance inverter technology, architecture and applications 60331
Finney, A. EMC whole-life management, what is that? 51121
Finney, A. The problem of size [EMC testing] 73378
Finney, S.J., Williams, B.W., Green, T.C. The RCD snubber revisited 61512
Finney, S.J. *see* He, X. 49157
Finney, S.J. *see* He, X. 80112
Finney, S.J. *see* He, X. 90205
Finnie, P. *see* Roth, A.P. 62231
Finnigan, P.J. *see* Bauer, M.A. 85645
Finz, H.R. *see* Basu, D. 74239
Fiok, A.J., Kolakowski, J. Some problems of measurement-oriented modelling of HF objects 71880
Fiorani, D. *see* Cherkaoui, R. 71928
Fioravanti, A. *see* Benelli, G. 65645
Fioravanti, S., Giusto, D.D. Fractals and multifractals: theory and application to texture recognition 51730
Fioravanti, S., Giusto, D.D. Exploitation of the multifractality spectrum for surface discrimination 67773
Fioravanti, S., Giusto, D.D. Block prediction in vector quantization 73605
Fioravanti, S. *see* De Natale, F.G.B. 85036
Fiore, D.F. *see* Bowen, L.J. 99338
Fiore, G. *see* Bianchi, P. 76148
Fiore, L., Pirchio, M., Ricci, D., Acati, G., Fiorino, C. System based on a digital signal processor for real-time cross-correlation of neural signals 98893
Fiore, L.Di *see* Di Fiore, L.
Fiore, M.S. *see* Shell, J.S. 58370
Fiorentini, G. *see* Greife, U. 98550
Fioretti, A. *see* Boettle, D. 97335
Fioretti, S., Jetto, L. Low a priori statistical information model for optimal smoothing and differentiation of noisy signals 74180
Fioretto, D. *see* Carlotti, G. 93742
Fioretto, G. *see* Demaria, T. 58166
Fiori, L. *see* Balzarotti, G. 67681
Fiorillo, A.S. PVDF ultrasonic sensors for location of small objects 67925
Fiorillo, A.S. Layered PVDF transducers for in-air US applications 99343
Fiorillo, F. *see* Bertotti, G. 63252
Fiorillo, G. *see* Buontempo, S. 53296
Fiorillo, G. *see* Buontempo, S. 98502
Fiorina, E. *see* Berruto, E. 74728
Fiorini, C. *see* Nunzi, J.M. 63970
Fiorini, E. New experiments in underground physics 59172
Fiorini, E. *see* Alessandrello, A. 59163
Fiorini, E. *see* Alessandrello, A. 88147
Fiorini, P., Losito, S., Giancaspro, A., Pasquariello, G. Real-time classification of teleoperation data with a neural network 74895
Fiorino, C. *see* Fiore, L. 98893
Fiorito, A., Rao, S., Merletti, R. Analogue and digital instruments for noninvasive estimation of muscle fibre conduction velocity 98886
Fiorito, R.B., Rule, D.W. Optical transition radiation beam emittance diagnostics 98447
Fiorito, R.B. *see* Maruyama, X.K. 67219
Fiorito, R.B. *see* Maruyama, X.K. 76518
Fiorito, R.B. *see* Rule, D.W. 76598
Fiorucci, D. Electrically conducting polymers—a promising novelty. The development of intrinsically conducting polymers opens up new application possibilities for plastic materials 61434
Fiorucci, D. Conducting polymers: a promising novelty 79997
Fiquet, J.-M. *see* Nordmann, F. 60065
Firbank, M., Delpy, D.T. A phantom for the testing and calibration of near infra-red spectrometers 88452
Firby, P.A., Stone, D.J. Analysis of the structure and resolution of a graphics device 98207
Firebaugh, J. *see* Lublinsky, B. 76353
Fireteanu, V.S., Gheysens, R. Numerical modeling of the electromagnetic flow rate control of molten metals 90688
Firjahn-Andersch, A. *see* Kipper, A. 76527

Firmin, D.N. *see* Forbat, S.M. 59369
Firpo, P., Savio, S. AC electric traction system analysis: modelling and simulation in railway operation 60576
Firpo, P. *see* Cesario, P. 60575
Firsov, A.V. *see* Ziganshina, E.Kh. 59972
Firsov, D.A. *see* Vorobjev, L.E. 63749
Firth, W.J. Hexagon patterns and related phenomena in nonlinear optics 50930
Firth, W.J. *see* Geddes, J.B. 94662
Firth, W.J. *see* Smith, N.J. 65785
Fisch, M.R. *see* Crandall, K.A. 72471
Fischer, A. *see* Bohn, R.G. 100512
Fischer, A. *see* Compaan, A.D. 90434
Fischer, A. *see* Compaan, A.D. 100491
Fischer, A. *see* Kuhne, H. 79951
Fischer, B. *see* Bauch, A. 86859
Fischer, B. *see* Horowitz, M. 50765
Fischer, B. *see* Horowitz, M. 94591
Fischer, B. *see* Snowbell, M. 74445
Fischer, B. *see* von Jena, A. 66175
Fischer, B.E. *see* Metzger, S. 70476
Fischer, C. Global trajectory correction algorithms in CLIC and main Linac alignment tolerances 87810
Fischer, C. *see* Camas, J. 76613
Fischer, C.M., Burghard, M., Roth, S., von Klitzing, K. Organic quantum wells: molecular rectification and single-electron tunnelling 93012
Fischer, D., Shah, A.V. Compensation of the dangling-bond space charge in amorphous silicon solar cells by graded low-level doping in the intrinsic layer 78828
Fischer, D., Wyrsch, N., Fortmann, C.M., Shah, A.V. Amorphous silicon solar cells with graded low-level doped i-layers characterised by bifacial measurements 100537
Fischer, D. *see* Fortmann, C.M. 100551
Fischer, D. *see* Nikolovski, S. 53589
Fischer, E. *see* Tu, D.-W. 80779
Fischer, F. *see* Waag, A. 69995
Fischer, F. *see* Waag, A. 71284
Fischer, F.G. *see* Bakun, W.H. 99154
Fischer, F.J. *see* Kiho Kim 57613
Fischer, G. Adaptive slot antenna integrable into a car roof for mobile communication 58318
Fischer, G. Future-oriented concept for attention to special contract consumers in a regional electricity supply utility 59836
Fischer, G., Hagemeyer, A., Dembowski, J., Hibst, H. Improvement of adhesion of Co-Cr layers by plasma surface modifications of the PET substrate 49014
Fischer, G., Richter, H.J., Schildberg, H.P., Hibst, H. Ageing effects of metal evaporated tapes 50309
Fischer, G.E. *see* Arnaudon, L. 66851
Fischer, G.M. *see* Koshelets, V.P. 50406
Fischer, G.M. *see* Koshelets, V.P. 50407
Fischer, H. *see* Elbel, T. 66320
Fischer, H. *see* Kuhne, H. 91590
Fischer, I., Hess, O., Elsasser, W., Gobel, E. High-dimensional chaotic dynamics of an external cavity semiconductor laser 94485
Fischer, J. *see* Schneider, W.J. 76709
Fischer, K. *see* Reissner, M. 72209
Fischer, M. Saving energy in public lighting installations. New technological solutions permit optimal illumination with economic usage of energy 69220
Fischer, M. Energy saving in street lighting 79001
Fischer, M., Graef, H., Von Munch, W. Electrostatically deflectable polysilicon torsional mirrors 82845
Fischer, M. *see* Reuther, H.M. 66211
Fischer, M. *see* Tanaka, S.T. 58782
Fischer, M.J., Paterson, M.S. Fishspear: a priority queue algorithm 65007
Fischer, M.W. *see* Shelton, J.W. 89804
Fischer, P., Defranceschi, M. Iterative process for solving Hartree-Fock equations by means of a wavelet transform 79674
Fischer, P., Gerlach, E. Is it useful to develop a proper algorithm for the two-dimensional fast Hartley transform? 61216
Fischer, P., Kochanski, G.P. Optimal addition of images for detection and photometry 57628
Fischer, P.R., Daschbach, J.L., Gragson, D.E., Richmond, G.L. Sensitivity of second harmonic generation to space charge effects at Si(111)/electrolyte and Si(111)/SiO_2/electrolyte interfaces 93065
Fischer, R. *see* Petersen, K. 63320
Fischer, R. *see* Ting, A. 76371
Fischer, R.E. Optics for head-mounted displays 87396
Fischer, R.J. *see* Baillargeon, J.N. 54848
Fischer, R.J. *see* Baillargeon, J.N. 54905
Fischer, R.J. *see* Baillargeon, J.N. 69980
Fischer, R.J. *see* Passlack, M. 56091
Fischer, S. *see* Keller, R. 65399
Fischer, S. *see* Shahidi, G.G. 71790
Fischer, S. *see* Simmer, K.U. 97711
Fischer, T. *see* Boettiger, U. 71489
Fischer, T. *see* Koynov, S. 79899
Fischer, T. *see* Schwalm, R. 81613
Fischer, T.R. *see* Eshraghi, A. 80277
Fischer, T.R. *see* Pan, J. 73834
Fischer, T.R. *see* Sangwon Kang 57430
Fischer, U., Schuppert, B., Petermann, K. Optical waveguide switches in silicon based on Ge-indiffused waveguides 82638
Fischer, V., Kim, T.-J., Holloway, P.H., Ristolainen, E., Schoenfeld, D. Formation of ohmic contacts to *n*-GaAs using $(NH_4)_2S$ surface passivation 71194
Fischer, V., Niemann, H., Paulus, D., Winzen, A. A parallel monitoring algorithm for knowledge-based image analysis 95705
Fischer, V., Ristolainen, E., Holloway, P.H., Lampert, W.V., Haas, T.W. Sulfur passivation of $Al_xGa_{1-x}As$ for ohmic contact formation 93202
Fischer, W., Gareyte, J., Giovannozzi, M., Risselada, T., Scandale, W., Schmidt, F. Recent results from the dynamic aperture experiment at the SPS 66914
Fischer, W., Stiefel, R., Worster, T. An ATM system and network architecture in field trial 75160
Fischer, W., Wallmeier, E., Worster, T., Davis, S.P., Hayter, A. Data communications using ATM: architectures, protocols, and resource management 74985
Fischer, W. *see* Burns, A. 76487
Fischer, W. *see* Gabara, T. 54526
Fischer, W. *see* Mecke, H. 69273
Fischer, W.-J. *see* Gabler, U. 84163
Fischer, W.A. *see* Bidault, F. 90847
Fischer, W.C. *see* Krishnakumar, A.S. 80370
Fischer-Colbrie, A. *see* Brennan, S. 82032
Fischer-Colbrie, A. *see* Guo-Gang Zhou 56041
Fischeraner, G., Bader, B., Russer, P., Weigel, R. Design of mobile phone IIDT-type SAW filters with block-like distribution of transducers 75264
Fischeraner, G., Gogl, D., Weigel, R., Russer, P. Rigorous modeling of parasitic effects in complex SAW RF filters 96969
Fischetti, M.V., Fiegna, C., Sangiorgi, E., Selmi, L. Comments on "Oxide-field dependence of electron injection from silicon into silicon dioxide" [and reply] 81374
Fischetti, M.V., Laux, S.E. Monte Carlo study of electron transport in silicon inversion layers 62643
Fischetti, M.V. *see* Abramo, A. 81195
Fischetti, M.V. *see* Frank, D.J. 62822
Fischle, M., Linstrom, H.J. Computer-aided calculation of heating in the event of accumulation of conductors 99732
Fiscus, J.G. *see* Fisher, W.M. 73845
Fiser, J. *see* Mullerova, I. 62133
Fish, J., Markolefas, S., Guttal, R., Nayak, P. On adaptive multilevel superposition of finite element meshes for linear elastostatics 48886
Fish, M.W. When you have to retrofit 15 kV switchgear 79062
Fish, R.S., Kraut, R.E., Root, R.W., Rice, R.E. Evaluating video as a technology for informal communication 65451
Fish, R.S. *see* Cool, C. 97707
Fishbein, B.J. *see* Mistry, R.R. 62773
Fishbein, G. *see* Alavie, A.T. 52923
Fishburn, P.C. *see* Calderbank, A.R. 54690
Fisher, A. *see* Hafizi, B. 50877
Fisher, A. *see* Prohaska, R. 88213
Fisher, A. *see* Song, Y. 87668
Fisher, A. *see* Ting, A. 76371
Fisher, A.C. *see* Smirthwaite, P.T. 59253
Fisher, A.S., Gallardo, J.C., van Steenbergen, A., Ulc, S., Woodle, M., Sandweiss, J., Jyan-Min Fang An inverse free-electron-laser accelerator 76360
Fisher, B. *see* Edberg, D. 99058
Fisher, B. *see* Koren, G. 56244
Fisher, D. *see* Woo, C. 80811
Fisher, D.G., Connell, S. RACE Application Pilots—the user perspective 75065
Fisher, J.H. *see* Hollerman, W.A. 72578
Fisher, J.H. *see* Hollerman, W.A. 98702
Fisher, J.M., Berlouis, L.E.A., Sawers, L.J.M., MacDonald, S.M., Affrossman, S., Diskett, D.J., Astles, M.G. Growth and characterization of electrodeposited films of cadmium telluride on silicon 61329
Fisher, K. *see* Lyons, M.H. 74801
Fisher, M.A. *see* Davies, D.A.O. 65540
Fisher, M.A. *see* Day, I.E. 63997
Fisher, M.E. *see* Sharaf, A.M. 59683
Fisher, M.E. *see* Sharaf, A.M. 88980
Fisher, M.V., Steinhauser, N., Eisert, D., Winter, B., Mason, B., Middelton, F., Hochst, H. Combining rotation and translation in a variable line space high-resolution soft-X-ray monochromator: design requirements and performance evaluation of a novel grating mount 88288
Fisher, P. *see* Ahlen, S. 98641
Fisher, P. *see* Kiselyov, O. 57904
Fisher, P.A. *see* Lu, K. 54856
Fisher, P.A. *see* Lu, K. 61281
Fisher, P.C. "Bullet proof" power protection 68289
Fisher, R. *see* Wang, H. 86083
Fisher, R.A. *see* Steigerwald, R.L. 49140
Fisher, R.B. Non-wildcard matching beats the interpretation tree 84675
Fisher, R.B., Fitzgibbon, A., Waite, M., Trucco, E., Orr, M.J.L. Recognition of complex 3-D objects from range data 84890
Fisher, R.B. *see* Trucco, E. 97821
Fisher, R.D. *see* Huber, W.D. 50327
Fisher, R.J. *see* Morris, M.E. 53812
Fisher, R.J. *see* Morris, M.E. 67947
Fisher, S. *see* Schultz, K.I. 53550
Fisher, T.A. *see* David, J.P.R. 93314
Fisher, W.M., Fiscus, J.G. Better alignment procedures for speech recognition evaluation 73845
Fisher, Y. Fractal image compression 64760
Fishier, Y. *see* Jach, C. 68677
Fishlock, D. Once and for all. Rolls-Royce is close to the all-life core 54184
Fishlock, D. A history of electricity in medical treatment 67599
Fishlock, D. Life after 40: how the UKAEA is coping with Britain's nuclear R&D legacy 78315
Fishman, H. *see* Von Goeler, S. 59246
Fisk, P.T.H., Lawn, M.A., Coles, C., Mann, A.G., Blair, D.G. Very-high Q microwave resonances in trapped $^{171}Yb^+$ ions: application as a microwave frequency standard 86912
Fisk, S., Mohar, B. Coloring graphs without short non-bounding cycles 48776
Fisscherauer, G., Schropp, I. Influence of fabrication tolerances and circuit variations on the performance of SAW RF filters 93844
Fissore, L., Giachin, E., Laface, P., Massafra, P. Using grammars in forward and backward search 64338
Fissore, L., Laface, P. Model topology selection for isolated word recognition 95325
Fissore, L., Laface, P., Massafra, P., Ravera, F. Analysis and improvement of the partial distance search algorithm 84038
Fissore, L. *see* Baggia, P. 64389
Fissore, L. *see* Clementino, D. 64334
Fister, T. Symbolic match hypothesis evaluation for UHRR radar targets 84583
Fister, T., Garber, F., Sawtelle, S., Withman, R. Match hypothesis evaluation for synthetic aperture radar targets 58449
Fitch, J., Monier, L., Tamet, H. Thermap: a thermal model for microprocessors 92300
Fitch, J. *see* Mazure, C. 62846
Fitch, J.S. *see* Jouppi, N.P. 49450
Fitch, J.T. *see* Pfiester, J.R. 63010
Fitch, R. *see* Bayraktaroglu, B. 61932
Fitchard, E.F., Narayanaa, P.A. Two-dimensional registration of magnetic resonance brain images 88423
Fitsilis, P.T. *see* Dervos, C.T. 61990
Fittng, H.-J. *see* Dickmann, J. 56010
Fitz, M.P. A bit error probability analysis of a digital PLL based demodulator of differentially encoded BPSK and QPSK modulation 49518
Fitz, M.P. Further results in the fast estimation of a single frequency 51529
Fitz, M.P., Seymour, J.P. A principled framework for narrowband mobile digital communications 65669
Fitz, M.P., Seymour, J.P. On the bit error probability of QAM modulation 73589
Fitz, M.P. *see* Hawley, R.W. 80187
Fitzgerald, D. *see* Donahue, J. 66950
Fitzgerald, D. *see* Frankle, S. 76324
Fitzgerald, D. *see* Hutson, R. 66949
Fitzgerald, D. *see* Wang, T. 87918
Fitzgerald, D. *see* Wilkinson, C. 76325
Fitzgerald, D.H. *see* Macek, R.J. 87829
Fitzgerald, E.A. *see* Chou, H. 72217
Fitzgerald, E.A. *see* Ya-Hong Xie 62739
Fitzgerald, J.B. *see* Meyer, G.E. 75990
Fitzgerald, M.P., Armstrong, T.R. A measurement of Newton's gravitational constant 86977
Fitzgerald, M.P., McIlraith, A.H. Analysis of piston-cylinder systems and the calculation of effective areas 66739
Fitzgerald, T.J. *see* Mickelson, R.L. 85209
Fitzgerald, W.J. *see* Morris, R.D. 74280
Fitzgerald, W.J. *see* O Ruanaidh, J.J.K. 52742
Fitzgerald, W.J. *see* Rooney, J.J.K. 84417
Fitzgerland, T. *see* Pinkos, A. 90609
Fitzgibbon, A. *see* Fisher, R.B. 84890
Fitzpatrick, E. *see* Bachenko, J. 53475
Fitzpatrick, J., Wolf, J.K. Partial response class I signaling applied to high density magnetic recording 84549
Fitzpatrick, L. *see* McGuiness, P.J. 56204
Fiume, D.Dal *see* Dal Fiume, D.
Fiutem, R. *see* Antoniol, G. 73913
Fix, A. *see* Schroder, T. 56872
Fizzotti, F. *see* Manfredotti, C. 88052
Fjeldly, T.A. *see* Ytterdal, T. 81903
Flachbart, K. *see* Somora, M. 93920
Flachmann, W. Productivity through telecommunications 96401
Flachs, G.M. *see* Bao, Z. 74240
Flachsbart, B. *see* Anderson, R. 88679
Flack, T.J. *see* Williamson, S. 54025
Flack, W.W., Flores, G.E., Pellegrini, J.C., Merrill, M. An optimized registration model for 2:1 stepper field matching 71513
Flack, W.W. *see* Flores, G.E. 81673
Flacker, A. *see* Rudge Barbosa, F. 86429
Flagan, R.C. *see* Rulison, A.J. 64110

Flagello, D.G., Milster, T. Experimental verification of high numerical aperture effects in photoresist 71495
Flaherty, B., Robinson, C., Agarwal, G. Determining appropriate models for joint control using surface electrical stimulation of soleus in spinal cord injury 67600
Flaherty, B. *see* Robinson, C.J. 67448
Flaherty, E., Sanborn, W., Smith, R.A., Kirk, R. Filling semiconductor gases in a production-scale cleanroom 62371
Flaherty, J.A. Digital television and HDTV in America—a progress report 97656
Flaherty, J.E. *see* Biswas, R. 48874
Flaherty, J.M. Machine vision and SPC enhance IC production 93535
Flaherty, J.P., Moran, J.B., Moylan, J.D., Overfield, K., Providakes, J., Lascari, P., Weijers, B. An HF high-resolution experimental site: bistatic over-the-horizon radar measurements 65900
Flaherty, J.P., Providakes, J., Thome, G.D., Ward, B.D. Geographical mapping of equatorial over-the-horizon spread-Doppler radar clutter as seen from ROTHR Amchitka 65898
Flaherty, J.P. *see* Providakes, J. 65899
Flaherty, M.K.E., Lawson, W., Hogan, B., Matthews, H.W., Calame, J.P. Operation of a K-band second harmonic coaxial gyroklystron 81149
Flaherty, M.K.E. *see* Calame, J.P. 55512
Flaherty, M.K.E. *see* Latham, P.E. 62095
Flaherty, M.K.E. *see* Matthews, H.W. 92890
Flaherty, T. *see* Zhang, D. 93850
Flaitz, P. *see* Anderson, R.M. 81407
Flaker, R. *see* Bechade, R. 92285
Flamant, G. *see* Ignatiev, M. 50990
Flamant, P.H. *see* Dabas, A. 97434
Flament, O., Leray, J.L., Martin, J.L., Montaron, J., Raffaelli, M., Blanc, J.P., Delevoye, E., Gautier, J., Pelloie, J.L., de Poncharra, J., Truche, R., Delagnes, E., Dentan, M., Fourches, N. Radiation effects on SOI analog devices parameters 70769
Flament, O., Paillet, P., Herve, D., Musseau, O., Leray, J.L., Aspar, B. High dose response of as-grown SIMOX substrates 93454
Flament, S., Dubuc, C., Lam Chok Sing, M., Bloyet, D., Bernstein, P., Hamet, J.F., Blanc Guilhon, B., Desfeux, R. Theoretical and experimental aspects of a high-T_c vortex flow transistor. Comparison with a high-T_c multiloop interferometer 50422
Flament, S. *see* Bernstein, P. 82380
Flaminio, H. Subscriber drop testing in a TR-909 environment 96885
Flaminio, V. *see* Cardini, A. 67354
Flanagan, J. *see* Qiguang Lin 95255
Flanagan, J.L. Technologies for multimedia communications 52213
Flanagan, J.L. A model for moving university research to industrial application 69508
Flanagan, J.L. *see* Assaleh, K.T. 84117
Flanagan, K.A., Germain, G., Gomes, J., Kearns, D., Lessing, J., Moore, R., Murray, S., Roll, R., Viola, A., Zombeck, M. Long-term photocathode stability for microchannel plates in vacuum 59232
Flanagan, M.J. A synthesis approach to the design of oversampled data converters 95561
Flanagan, M.T. *see* Sloper, A.N. 76093
Flanagan, W.F. *see* Ning Qiu 82253
Flanders, D. *see* Chung-En Zah 63780
Flanders, D. *see* Wang, Z. 83053
Flanders, P.J. *see* Doyle, W.D. 50283
Flanders, P.J. *see* Doyle, W.D. 63212
Flandorfer, W. Structured energy management 68345
Flandre, D., Cristoloveanu, S. Latch and hot-electron gate current in accumulation-mode SOI p-MOSFET's 62745
Flandre, D., Francis, P., Colinge, J.P., Cristoloveanu, S. Comparison of hot-carrier effects in thin-film SOI and gate-all-around accumulation-mode p-MOSFETs 93476
Flandre, D., Gentinne, B. Characterization of SOI MOSFETs by gate capacitance measurements 55959
Flandre, D. *see* Colinge, J.P. 81823
Flandre, D. *see* Colinge, J.P. 93473
Flandre, D. *see* Francis, P. 50088
Flandre, D. *see* Francis, P. 55984
Flandre, D. *see* Francis, P. 63002
Flandre, E. *see* De Ceuster, D. 81880
Flandrin, E., Li, H. Mengerian properties, Hamiltonicity, and claw-free graphs 48783
Flandrin, P. *see* Abry, P. 51432
Flandrin, P. *see* Abry, P. 84258
Flanegan, M. *see* LaBel, K.A. 75434
Flannagan, M.J. *see* Sivak, M. 78998
Flannery, D. *see* Ellis, A.D. 65811
Flannery, D.L., Lee, K.M., Goldstein, D.H. Performance comparison of ternary and minimum noise and correlation energy filters using realistic test images 72541
Flannery, D.L., Lee, M., Goldstein, D.H. Comparison of MINACE and smart TPAF correlation performance 51570
Flannery, S. *see* Van Fleet, J. 88644
Flanz, J. *see* Averill, R. 76689
Flanz, J. *see* Averill, R. 76690
Flanz, J. *see* Averill, R. 76691
Flanz, J. *see* Ihloff, E. 87649
Flanz, J.B., Averill, R., Ihloff, E., Jacobs, K.D., Wang, D., Zolfaghari, A. Stripline beam position monitor for the MIT-Bates South Hall Ring 76496
Flanz, J.B., Jacobs, K.D., McAllister, B., Averill, R., Bradey, S., Carter, A., Dow, K., Farkondeh, M., Ihloff, E., Kowalski, S., Sapp, W., Sibley, C., Tieger, D., Tschalaer, C., Zolfaghari, A. Status of the MIT-Bates South Hall Ring commissioning 76342
Flanz, J.B. *see* Jacobs, K.D. 76578
Flaschka, E. The ASI (actuator sensor interface) for communication with binary sensor buses 85813
Flatau, P.J. *see* Draine, B.T. 51058
Flatebo, M., Datta, A.K. Two-state self-stabilizing algorithms for token rings 65296
Flatman, A. Customer premises cabling: European perspectives 86028
Flatman, A. Wireless LANs: developments in technology and standards 96675
Flatow, K. *see* Tuckerman, D.B. 48679
Flatt, D. *see* Harrison, A.J. 99288
Flatt, D. *see* Thorne, P.D. 59568
Flaugher, B. *see* Amidei, D. 98639
Flaum, H.C. *see* Sullivan, D.J.D. 71370
Flaupt, R.L. Thinned arrays using genetic algorithms 73546
Flauto, A., Nappi, M., Vitulano, S. Image compression by fractal geometry 73602
Flavin, A.J. *see* Strange, A. 86248
Flechet, B. *see* Ferrari, P. 61865
Flechet, B. *see* Jun-Wu Tao 83748
Flechner, B.A. *see* Haubrich, H.-J. 78199
Flechsig, A.J. *see* Egolf, D.W. 68693
Fleck, R. *see* Dasbach, D. 67148
Fleckner, H. A 13cm GaAs FET power amplifier developed using the 'PUFF' CAD software package 92508
Fleddermann, C.B., Montoya, J., Guel, S., Hersee, S.D., Kendall, D., Jungling, K. Incorporation of plasma physics and plasma etching into the undergraduate microelectronics laboratory 54397
Fleddermann, C.B. *see* Mayberry, C.S. 81135
Fleet, D.J. *see* Langley, K. 84662
Fleet, J.Van *see* Van Fleet, J.
Fleeter, R. *see* Priedhorsky, W. 77102
Fleetwood, D.M. *see* Warren, W.L. 62330
Fleetwood, D.M. *see* Warren, W.L. 93078
Fleetwood, D.M. *see* Winokur, P.S. 71776
Flegel, W. *see* Aoki, S. 53304
Flegontov, Yu.A., Petrova, I.R. Numerical-analytic calculation of the field in magnetooptic apodizing diaphragms 63502
Fleisch, B.D., Hyde, R.L., Juul, N.C. MIRAGE+: a kernel implementation of distributed shared memory on a network of personal computers 96766
Fleischer, K.R., Munnings, R.S. Power systems analysis for direct current (DC) distribution systems 68214
Fleischer, L.B. *see* Ghahramani, B. 95766
Fleischer, M., Hollbauer, L., Meixner, H. Effect of the sensor structure on the stability of Ga_2O_3 sensors for reducing gases 58871
Fleischer, M., Meixner, H. In situ Hall measurements at temperatures up to 1100°C with selectable gas atmospheres 58941
Fleischer, M. *see* Giber, J. 58890
Fleischer, M. *see* Reti, F. 58874
Fleischer, M. *see* Reti, F. 66558
Fleischer, M. *see* Varhegyi, E.B. 66557
Fleischhauer, J. *see* Kyas, A. 100943
Fleischmann, H.H. *see* Rej, D.J. 62387
Fleischmann, S.T. Integrating an environmental ethic into undergraduate engineering education—a case study at Grand Valley State University 54378
Fleisher, S. *see* Klovsky, D. 97164
Fleishman, L.S. *see* Bashkirov, Yu.A. 82315
Fleissner, J. *see* Larkins, E.C. 52840
Fleissner, J. *see* Ralston, J.D. 83163
Fleissner, J. *see* Weisser, S. 63859
Fleissner, J. *see* Weisser, S. 63863
Flemig, G.W., Brenn, R., Larkins, E.C., Burkner, S., Bender, G., Baeumler, M., Ralston, J.D. Ion-channeling studies of $In_yGa_{1-y}As/GaAs$ strained-layer single and multiple quantum-well structures 79865
Fleming, J.C. *see* Detty, M.R. 50447
Fleming, J.K. *see* Ziock, H.J. 76767
Fleming, J.S., Simpson, D.E. A technique for simulation of the point spread function of a gamma camera 88449
Fleming, J.S. *see* Perring, S. 59366
Fleming, P.J. *see* Fonseca, C.M. 54718
Fleming, R.F. *see* Dewaraja, Y.K. 88117
Fleming, R.F. *see* Dewaraja, Y.K. 98588
Fleming, R.H. *see* Dewaraja, Y.K. 88117
Fleming, R.H. *see* Dewaraja, Y.K. 98588
Fleming, R.J., Henriksen, M., Holboll, J.T. DC current flow in polyethylene with gold and semiconductor electrodes 89288
Fleming, R.J. *see* Ao, Z. 89150
Fleming, S. *see* Wyatt, R. 56727
Fleming, S.C. Accurate analytic expressions for gain in a Pr^{3+}: ZBLAN fiber amplifier using modified Gaussian field functions 63693
Fleming, S.T., Kilgour, A.C. Electronic mail: case study in task-oriented restructuring of application domain 52047
Fleming, W.J. *see* Haenisch, M.A.M. 86578
Flemish, J.R., Schauer, S.N., Wittstruck, R., Landstrass, M.I., Plano, M.A. Growth and characterization of phosphorus doped diamond films 71078
Flemish, J.R., Xie, K., Zhao, J.H. Smooth etching of single crystal 6H-SiC in an electron cyclotron resonance plasma reactor 49892
Fleszar, J. *see* Nadolski, R. 100140
Fletcher, A.R., Jr. *see* Jones, W.D. 60569
Fletcher, D., Gerber, R. Electromagnetic separation: the prediction and measurement of conductor separability 51045
Fletcher, D., Gerber, R., Reid, T. Theory and experimental investigation of an improved field boundary model for a single boundary eddy-current separator 51046
Fletcher, E.A. *see* Murray, J.P. 89567
Fletcher, F., Cook, J. Measurement of surface impedance versus temperature using a generalized sapphire resonator technique 87430
Fletcher, F.B. *see* Marcopulos, J. 85537
Fletcher, J., Barnes, H., Pinczewski, G. Hardware-in-the-loop and field testing of the triband imaging infrared radiometer 67952
Fletcher, J.R., Miller, M.J. CEMS, AEP's Phase 1 experiences 89613
Fletcher, L.S., Lambert, M.A., Marotta, E.E., Adams, J.D. Thermal enhancement techniques for SEM guide ribs and card rails 90986
Fletcher, M.R. *see* Meyer, G.E. 75990
Fletcher, R.M. *see* Kish, F.A. 56567
Fleury, J., Koch, A. The Netherlands: regulatory developments 96346
Fleuster, M., Buchal, C., Snoeks, E., Polman, A. Rapid thermal annealing of MeV erbium implanted $LiNbO_3$ single crystals for optical doping 72644
Fleuster, M. *see* Fluck, D. 73071
Fleuster, M. *see* Pliska, T. 50570
Flevet, C., Maftoul, J. Overall radiative energy balance in motionless wall confined arcs 90277
Flewellen, C.G. *see* Somers, M.L. 99287
Flick, J.A. *see* Barakat, M. 98712
Flicker, Y.Z., Mars, J.G.M. Products of theta series and spectral analysis 54687
Flickinger, J.A. Creating tomorrow's telecommunications infrastructures: Cultural needs and economic realities 96330
Flicstein, J., Leon, B., Boyd, I.W. UV routes for approaching low temperature dielectrics deposition in III-V technology 61344
Fliege, N. *see* Schoenle, M. 77760
Fliege, N.J. Computational efficiency of modified DFT polyphase filter banks 92416
Fliege, N.J., Zolzer, U. Multi-complementary filter bank 80466
Fliegel, W., Behr, G., Werner, J., Krabbes, G. Preparation, development of microstructure, electrical and gas-sensitive properties of pure and doped SnO_2 powders 66539
Flieller, D., Louis, J.P. Use of sensitivity functions in electrical engineering 90121
Fliesser, R.J., Rahman, M.H., Mouftah, H.T. Design of a multicast packet switch architecture for ATM networks 96918
Fliesser, R.J., Rahman, M.H., Mouftah, H.T. Design of a multicast ATM packet switch 96926
Flietner, B., Doll, T., Lechner, J., Leu, M., Eisele, I. Fabrication of a hybrid field-effect structure for gas detection with diverse sensitive materials 66560
Flietner, B. *see* Leu, M. 66569
Flietner, H. *see* Angermann, H. 71366
Flietner, H. *see* Krankenhagen, R. 92933
Fliickiger, R. *see* Keppner, H. 100572
Flik, M.I. *see* Bang, C.A. 62035
Flik, M.I. *see* Su, L.T. 62816
Flinders, F., Senini, S., Oghanna, W. Power electronics simulation laboratory using "SIMULINK" dynamic systems analysis package 90498
Flinn, D.G. *see* Kischefsky, J.A. 78107
Flinn, D.G. *see* Yu, D.C. 88966
Flinn, P. *see* Marieb, T.N. 62535
Flinn, P. *see* Paniccia, M. 62548
Flint, A. Testing multichip modules 55486
Flint, A.D. A prognostic maintenance system based on the Hough transformation 79220
Flint, E.B. *see* Jackson, K.P. 72648
Flint, R.B. Vertical polarization—VORTAC'S last weak link 67706
Floch, A.Le *see* Le Floch, A.
Floch, B.Le *see* Le Floch, B.
Floc'h, J.M., Desclos, L. Variable gain amplifier with traveling wave structure 70923
Floch, J.M., Desclos, L., Morillon, P. Multilayer design yields low-cost X-band radar 75632
Floch, P.G.Le *see* Le Floch, P.G.
Flockhart, C., Trenkic, V., Christopoulos, C. The simulation of coupled electromagnetic and thermal problems in microwave heating 54266

Flockton, S.J., White, M.S. Pole-zero system identification using genetic algorithms 55034
Flockton, S.J. *see* White, M.S. 92395
Floisbonn, R. *see* Kure, O. 58179
Flokstra, J. *see* Adelerhof, D.J. 50431
Flokstra, J. *see* Adelerhof, D.J. 93926
Flokstra, J. *see* Adelerhof, D.J. 97907
Flokstra, J. *see* Golubov, A.A. 67361
Flokstra, J. *see* Hilgenkamp, J.W.M. 66310
Flokstra, J. *see* le Grand, J.B. 67410
Flokstra, J. *see* van Duuren, M.J. 66314
Flomen, F.A. *see* Raifel, M. 64450
Flood, C.J. *see* Greiner, U.J. 56672
Flood, C.J. *see* Walker, D.R. 72748
Flood, D.J. *see* Faur, M. 55679
Flood, D.J. *see* Faur, M. 60478
Flood, D.J. *see* Faur, M. 100749
Flood, D.J. *see* Jain, R.K. 100689
Flood, K.M., Jaggard, D.L. Distributed feedback lasers in chiral media 63695
Flood, K.M. *see* Ehlert, J.C. 83203
Flood, R. *see* Martin, E. 60309
Flor, E. The future of FITL in Germany: The programme OPAL 1994/1995 52528
Flor, R. *see* Antoniol, G. 73913
Flora, R. *see* Lackey, S. 76531
Florack, L.M.J., ter Haar Romeny, B.M., Koenderink, J.J., Viergever, M.A. General intensity transformations and differential invariants 64792
Florack, L.M.J. *see* ter Haar Romeny, B.M. 64819
Florek, A. *see* Adam, W. 88114
Florek, B. *see* Adam, W. 88114
Florencio, D.A.F. Investigating the use of asymmetric windows in CELP vocoders 84061
Florent, J.J. *see* Bouclier, R. 59121
Flores, B.C. *see* Cabrera, S.D. 75565
Flores, B.C. *see* Chiouguey Chen 58468
Flores, C., Campesato, R., Paletta, F., Timo, G.L., Rossi, E., Brambilla, L., Caon, A., Contini, R., Svelto, F. The flight data of the GaAs solar cell experiment on Eureca 100739
Flores, C. *see* Brambilla, L. 99105
Flores, C. *see* Svelto, F. 100451
Flores, D., Godignon, P., Vellvehi, N., Fernandez, J., Hidalgo, S., Rebollo, J., Millan, J. Two-dimensional simulation of the shorted anode insulated base MOS-controlled thyristor 81927
Flores, F. *see* Saiz-Pardo, R. 49822
Flores, G.E., Flack, W.W., Tai, E. An investigation of the properties of thick photoresist films 81673
Flores, G.E. *see* Flack, W.W. 71513
Flores, J. *see* Atkinson, K. 48876
Flores Filho, A.F. *see* Basak, A. 68653
Florescu, V. *see* Stephenson, A. 71960
Floret, F. *see* Perichaud, I. 100645
Floret, N. Lightning, houses and villages 78215
Floret, O. *see* Hirech, M. 49339
Florez, J., Tapia, A., Criado, R., Grijalba, J.M. Secondary voltage control based on a robust multivariable PI controller 59866
Florez, L.T. *see* Guimaraes, P.S.S. 49797
Florez, L.T. *see* Ruan, S. 72767
Flori, D., Perrone, M.R., Piegari, A., Scaglione, S. Graded reflectance mirrors and phase-unifying mirrors for XeCl lasers 72974
Flori, D. *see* Giuri, C. 72962
Flori, D. *see* Scaglione, S. 72983
Florian, E.I. *see* Gingrich, D. 53291
Florian, J. *see* Seidler, W. 82077
Florian, M.E.Leon *see* Leon Florian, M.E.
Florido, F. *see* Ferrer, M.L. 50750
Florin, C. *see* Moor, W. 59969
Florio, J., Jr. *see* Friebele, E.J. 98032
Floriot, D. *see* Blanck, H. 80768
Floriot, D. *see* Blanck, H. 80818
Floriot, D. *see* Chartier, E. 70898
Floriot, D. *see* Delage, S.L. 70895
Florissi, D., Yemini, Y. Isochronets: an architecture for high-speed networks 96604
Florjanczyk, M., Tremblay, R. Symbiotic periodic waves in a nonlinear birefringent fiber 72304
Florkey, C., Krasinski, D.J., Wisowaty, J.J. Just say the word for service [AT&T speech processing research] 64359
Florkowska, B., Furgal, J., Nowak, W., Wlodek, R. Analysis of electric state of space surrounding high voltage overhead lines 89308
Flornes, K., Grossmann, A., Holschneider, M., Torresani, B. Wavelets on discrete fields 54803
Florsheimer, M. *see* Bosshard, C. 50927
Flory, F., Albrand, G., Endelema, D., Maythaveekulchai, N., Pelletier, E., Rigneault, H. Guided-wave characterization techniques for the comparison of properties of different optical coatings 58989
Flory, M., Schaefer, R. Traffic management and analysis in today's switched networks 85511
Floryancic, B.L. *see* McCoy, C.E. 59934
Floter, A., Mainz, B., Stiegler, J., Falke, U., Schulze, S., Deutschmann, S., Schaarschmidt, G. Microscopic investigations of silicon surfaces pretreated for use in diamond deposition 79859
Flotow, A.H.von *see* von Flotow, A.H.
Flotow, A.von *see* von Flotow, A.
Flottes, M.L., Hammad, D., Rouzeyre, B. Automatic synthesis of BISTed data paths from high level specification 49359
Flotzinger, D., Pfurtscheller, G., Neuper, C., Berger, J., Mohl, W. Classification of non-averaged EEG data by learning quantisation and the influence of signal preprocessing 98892
Flower, B. *see* Jabri, M. 49593
Flower, D. *see* Chran-Ham Chang 85707
Flower, J.O. *see* McCormack, A.S. 57472
Flower, J.O. *see* McCormack, A.S. 74010
Flowers, A. *see* Johnson, M. 55907
Flowers, J.L., Franks, P., Petley, B.W. Optically pumped ^{3}He NMR and the Bohr magneton 86974
Floyd, D.P. *see* Schnelle, H.R. 88919
Floyd, G. *see* Walke, R.L. 80495
Floyd, G. *see* Woods, R.F. 70656
Floyd, H.Landis *see* Landis Floyd, H.
Floyd, L.P., Scheuermann, T., Herbert, P.A.F., Kelly, W.M. An improved transmission line structure for contact resistivity measurements 66645
Floyd, M. Building an e-mail manager 96566
Floyd, P.D., Merz, J.L. Optical properties of disordered GaAs/(Al,Ga)As distributed Bragg reflectors 72405
Floyd, R.E. Radio frequency identification 97163
Floyd, R.E., Spencer, R.H. Collaborative writing in product development across remote sites 90816
Floyd, S., Jacobson, V. The synchronization of periodic routing messages 74725
Fluck, D., Zha, M., Gunter, P., Fleuster, M., Buchal, C. Second harmonic generation and two-wave mixing in ion-implanted $KNbO_3$ waveguides 73071
Fluck, D. *see* Pliska, T. 50570
Fluckiger, R. High T_c superconductors in power technology 68256
Fluckiger, R., Meier, J., Keppner, H., Gotz, M., Shah, A. Preparation of undoped and doped microcrystalline silicon (μc-Si:H) by VHF-GD for p-i-n solar cells 100530
Fluckiger, R. *see* Meier, J. 90380
Fluit, J.P.van der *see* van der Fluit, J.P.
Fluitman, J.H.J. *see* Prak, A. 58695
Flunkert, H.-U., Unbehauen, H. A nonlinear adaptive minimum-variance controller with application to a turbo-generator set 89805
Flusser, J., Suk, T. A moment-based approach to registration of images with affine geometric distortion 77699
Fluxman, S. *see* Hai-Gang Yang 61576
Flykt, M.J. *see* Lindell, I.V. 57044
Flykt, M.J. *see* Lindell, I.V. 64056
Flynn, D., Swidenbank, E. Self-tuning expert control for turbogenerator systems 68538
Flynn, D., Swidenbank, E., Hogg, B.W. Expert adaptive control for turbogenerator systems 100076
Flynn, D., Swidenbank, E., Hogg, B.W., Zachariah, K.J. Real-time expert control for turbogenerator systems 60161
Flynn, D. *see* Finch, M. 67953
Flynn, D.I. A new technique of noise reduction for large aspect magnetoresistors 72189
Flynn, D.I., Shi Xu Detection of normal and shearing movements using magnetoresistors 75951
Flynn, E.R. Factors which affect spatial resolving power in large array biomagnetic sensors 53396
Flynn, J.E. The role of DFE in the pollution prevention strategy of an aerospace producer 79259
Flynn, M.F. Numerical optimization of liquid-crystal displays with use of performance metrics 76124
Flynn, M.J. *see* Klass, F. 70363
Flynn, P.J. 3-D object recognition with symmetric models: symmetry extraction and encoding 74570
Flynn, P.J. Realistic range rendering 87515
Flynn, P.J. *see* Jianchang Mao 74625
Flynn, P.J. *see* Lu, H. 96049
Flynn, T. *see* Graber, J. 67094
Fo., B.J.Cardoso *see* Cardoso Fo., B.J.
Fobare, D.F. *see* Duggal, A.R. 57029
Fobelets, K., Vounckx, R., Borghs, G. A GaAs pressure sensor based on resonant tunnelling diodes 97980
Fobelets, K., Vounckx, R., Genoe, J., Borghs, G., Gronqvist, H., Lundgren, L. High-frequency capacitances in resonant interband tunneling diodes 55866
Focardi, E. *see* Bosisio, L. 59074
Focardi, E. *see* Dierickx, B. 67378
Foch, H. *see* Bouscayrol, A. 68537
Foch, H. *see* Schneider, H. 89797
Focht, M.F. *see* Woodward, T.K. 63617
Focht, M.W. *see* Lentine, A.L. 56420
Focht, M.W. *see* Lentine, A.L. 86022
Focht, M.W. *see* Morgan, R.A. 87390
Fockens, S., Sleijpen, G.L.G., van Wijk, A.J.M., Singh, C. Numerical methods for stable implementation of generating-unit deconvolution 53847
Fockens, S., van Wijk, A.J.M., Turkenburg, W.C., Singh, C. Application of energy based indices in generating system reliability analysis 99452
Fockersperger, S. *see* Jansche, A. 65981
Foden, P.R. *see* Spencer, R. 99292
Fodor, D., Katona, Z., Szeszтay, E. Field-oriented control of induction motors using DSP 54026
Foehringer, D. *see* Noctor, D.M. 92680
Foelsche, H.W. *see* Rodger, E. 76697
Foerster, C. *see* Caderon, M. 87645
Foerster, C.L. *see* Anashin, V.V. 98393
Foerster, H.-J. Gauge return loss on digital output ports 97822
Foerster, J. *see* McGowan, R. 98129
Foerstner, J., Jones, J., Huang, M., Bor-Yuan Hwang, Racanelli, M., Tsao, J., Theodore, N.D. Behavior of contact-silicided TFSOI gate-structures 93462
Foerstner, J. *see* Bor-Yuan Hwang 93642
Foerstner, J. *see* Huang, W.M. 93676
Foertsch, J.S. *see* Dodroe, S.J. 89099
Fofanov, V.B. *see* Krasnova, F.S. 51702
Fofanov, V.B. *see* Krasnova, F.S. 57688
Fogarassy, E., Fuchs, C., Slaoui, A., de Unamuno, S., Stoquert, J.-P., Marine, W., Lang, B. Synthesis of silicon-based dielectric films by excimer laser ablation 61322
Fogarassy, E., Fuchs, C., Slaoui, A., De Unamuno, S., Stoquert, J.P., Marine, W., Lang, B. Low-temperature synthesis of silicon oxide, oxynitride, and nitride films by pulsed excimer laser ablation 79936
Fogarassy, E. *see* Repplinger, F. 48958
Fogarty, A. *see* Fromhold, T.M. 62670
Fogarty, J. *see* Kong, W. 72616
Fogel, D.B. Applying evolutionary programming to selected control problems 54693
Fogelman, C.H. *see* Hoffman, D.J. 49616
Fogelstrom, B. *see* Berglund, S. 54239
Fogg, B.R. *see* Case, S.W. 66383
Fogg, C. Survey of software and hardware VLC architectures 65480
Foggia, A. *see* Belhoucine, B. 83579
Foggia, A. *see* Nabeta, S.I. 89845
Foggia, A. *see* Tabaga, S. 90079
Fogleboch, J. *see* Arya, R.R. 100513
Foglietti, V. *see* Koch, R.H. 72226
Foglietti, V. *see* Koch, R.H. 93946
Foglio, R. *see* Bouvier, J. 98673
Fohr, D., Haton, J.-P., Laprie, Y. Knowledge-based techniques in acoustic-phonetic decoding of speech: interest and limitations 64391
Fohr, D. *see* Anglade, Y. 84029
Foisel, H.-M. *see* Braun, R.-P. 58269
Fojas, P. *see* Spadtke, P. 53277
Fojas, P.B. *see* Brown, I.G. 53213
Fokin, G.A. *see* Alekseev, A.N. 91451
Fokitis, E. *see* von Apeldoorn, G. 88116
Fokkema, D.R. *see* Sleijpen, G.L.G. 61174
Fokken, D. *see* Burrill, V. 97685
Foland, A. *see* Baggs, R. 76791
Foland, W.R. *see* Welland, D.R. 93886
Folds, D. *see* Johnson, B. 99370
Folds, D.J. *see* Kelly, M.J. 78903
Folds, D.J. *see* Lee, M.D. 59493
Foley, A.G., Andrews, D.J. Active metal brazing for joining ceramics to metals 48661
Foley, C.P. *see* Sloggett, J. 56249
Foley, J.B., Bannister, J.A.R. Analyzing ECL's noise margin 55241
Foley, M., Colestock, P., Barsotti, E., Jr. TSD versus TRL calibration and applications to beam impedance measurements 87917
Foley, M., Jurgens, T. A numerical method for determining the coupling strengths and resonant frequencies of a nonperiodic coupled cavity chain 67222
Foley, P., Watts, D. Skills shortages and training: a forgotten dimension in new technology 60866
Foley, R. Techniques for selecting placement equipment [SMT] 49699
Foley, R.D. *see* Daley, D.J. 79542
Foley, T.A., Hagen, H. Advances in scattered data interpolation 69790
Folkerts, M.A. *see* Unruh, J. 69185
Folkerts, W. *see* Zieren, V. 50257
Folks, L., Street, R., Warburton, G., Woodward, R.C. A sphere forming and polishing machine 60947
Folks, L., Street, R., Woodward, R.C. Domain structures of die-upset melt-spun NdFeB 82240
Follett, D.J. *see* Desal, S.R. 74853
Follett, R.F., Donohoe, J.P. A wideband, high-resolution, low-probability-of-detection FFT beamformer 58505
Follette, P.A.La *see* La Follette, P.A.
Folling, W.F. Mobile data and FAX transmission in GSM networks 86203
Folliot, D. *see* Gourbiere, E. 77094
Follmer, B., Schnettler, A. Diagnostic system with PC support for the testing of spring-loaded and controlled safety valves in operation 86989
Followell, D., Fields, S., Liguore, S., Perez, R. Improvements in avionics-durability analyses 59486
Follstaedt, D.M. *see* Schneider, R.P., Jr. 70039
Folsch, J. *see* Rubel, H. 91603
Folser, F. Electroless copper deposition on excimer-laser pretreated alumina 70072
Folta, J.A., Hunt, C.E., Farrens, S.N. Low-temperature wafer bonding of surfaces using a reactive sputtered oxide 71268
Folts, D.C. The response of advanced single-conversion UPS to power disturbances 60367
Folts, D.C. *see* Dorr, D.S. 68816

Fol'ts, V.A. *see* Ioannisian, A.B. 77045
Foltyn, S.R. *see* Jia, Q.X. 72235
Folving, S., Hoey, M., Megier, J., Whelan, D. PC-IMega/IM-X PC-based application and training software packages for GIS and image data processing 67913
Folving, S. *see* Bertolo, F. 67923
Folz, R.J. *see* Little, T.D.C. 66026
Fomenko, G.P. *see* Azarkevich, E.I. 55506
Fomichev, A.S., David, I., Lukyanov, S.M., Penionzhkevich, Y.E., Skobelev, N.K., Tarasov, O.B., Matthies, A., Ortlepp, H.-G., Wagner, W., Lewitowicz, M., Saint-Laurent, M.G., Corre, J.M., Dlouhy, Z., Pecina, I., Borcea, C. The response of a large CsI(Tl) detector to light particles and heavy ions in the intermediate energy range 53328
Fomichev, P.A. *see* Veiko, V.P. 50544
Fomin, B.I. *see* Myasnikov, A.M. 81453
Fomin, E.A. *see* Boichenko, A.M. 78993
Fomin, M. *see* Arbuzov, V. 67173
Fomin, N.F., Shantsev, D.V. Excess thermodynamic noise in bolometers based on high-T_c superconducting films having an inhomogeneously broadened transition 50436
Fomin, S. Duality of graded graphs 79621
Fomin, V.V. *see* Alekseev, E.I. 52883
Fominaya, F. *see* Lemke, S. 67298
Fominski, V.Yu., Markeev, A.M., Naumenko, O.I., Nevolin, V.N., Alyokhin, A.P., Vyukov, L.A. Combined photochemical processes for silicon technology: substrate cleaning, silicon dioxide deposition and annealing 71369
Fominski, V.Yu., Markeev, A.M., Nevolin, V.N., Prokopenko, V.B., Vrublevski, A.R. Pulsed laser deposition of MoS_x films in a buffer gas atmosphere 70163
Fonash, S.J., Jingya Hou, Rubinelli, F.A., Bennett, M., Wiedeman, S., Liyou Yang, Newton, J. Photodetection enhancement in two-terminal amorphous silicon-based devices: an experimental and computer simulation study 72588
Fonash, S.J., Viswanathan, C.R., Chan, Y.D. A survey of damage effects in plasma etching 71339
Fonash, S.J. *see* Aiguo Yin 91618
Fonash, S.J. *see* Gu, T. 93379
Fonash, S.J. *see* Jingya Hou 100538
Fonash, S.J. *see* Jingya Hou 100698
Fonash, S.J. *see* Sanghoon Bae 100697
Fonash, S.J. *see* Tieer Gu 55798
Fonash, S.J. *see* Yin, A. 93404
Fonck, R.J. *see* Chapman, B.E. 72590
Fonda, L. *see* Abrami, A. 98715
Fondeur, J.-C. *see* Le Guilloux, Y. 77183
Fondriat, E.C., Maly, K., Mukkamala, R., Overstreet, C.M. Parallel networking: improving capacity and multi-traffic performance together 65368
Foner, S. *see* Thieme, C.L.H. 72216
Fong, A.S. *see* Cheng, L.M. 85687
Fong, A.S. *see* Wu, K.Y. 70243
Fong, C.B. *see* Chao, T.-H. 97592
Fong, D. *see* Ying-Moh Liu 66151
Fong, F.S.M. *see* Youyi Wang 99584
Fong, G., Gardner, W.A., Schell, S.V. An algorithm for improved signal-selective time-difference estimation for cyclostationary signals 51434
Fong, J.C., McGough, J.C. Integrated protection control and data acquisition 90311
Fong, K., Laverty, M. Frequency control of RF booster cavity in TRIUMF 67227
Fong, K.L. *see* Yoo, J. 95965
Fong, M. *see* Craighill, E. 65238
Fong, T.I. *see* Kagi, H. 97317
Fong, T.K., Sabido, D.J.M., IX, Kalman, R.F., Tabara, M., Kazovsky, L.G. Linewidth-insensitive coherent AM optical links: design, performance, and potential applications 52591
Fong, T.K., Sabido, D.J.M., IX, Tabara, M., Kazovsky, L.G. Coherent analog optical links: design, performance and potential applications 86461
Fong, T.K. *see* Ting-Kuang Chiang 72310
Fong, Y. *see* Lee, D.J. 70524
Fong I-Kong *see* I-Kong Fong
Fonjallaz, P.Y., Limberger, H.G., Salathe, R.P., Zimmer, Ch., Gilgen, H.H. Direct determination of main fibre Bragg grating parameters using OLCR 50498
Fonjallaz, P.Y. *see* Limberger, H.G. 63398
Fonollosa, J.A.R. *see* Fonollosa, J.R. 83920
Fonollosa, J.R., Fonollosa, J.A.R. Estimation of the modulation index of CPM signals using higher-order statistics 83920
Fonseca, C.M., Fleming, P.J. Genetic algorithms for multiobjective optimization: formulation, discussion and generalization 54718
Fonseca, I. Variational methods in materials sciences 91406
Fonseca, L., Campabadal, F., Cane, C., Gracia, I., Lozano, M. Effects of thermal and gettering processes on the quality of the silicon substrate 81557
Fonseca, M.M. *see* Inocencio, E. 96782
Fonseca, P., Pitts, J., Cuthbert, L. Implementing a space priority mechanism in a cell-rate ATM network simulator 64909
Fonseca, W.H. *see* de la Rosa, J. 87414
Fonseka, J.P. Improved decision boundaries of narrowband M-ary CPFSK 64262
Fonseka, J.P., Rongqiang Mao Nonlinear continuous phase modulation 95066
Fonseka, J.P. *see* Jianxu Shi 86435
Fonstad, C.G. *see* Woo-Young Choi 54832
Fonstad, C.G., Jr. *see* Grot, A.C. 82844
Fontaine, A. *see* Giles, C. 98716
Fontaine, C. *see* Puech, P. 81232
Fontaine, F., Deneuville, A., Gheeraert, E., Gonon, P., Abello, L., Lucazeau, G. Reality of doping by boron implantation of CVD polycrystalline diamond from a comparison of Raman and electrical measurements 70120
Fontaine, F. *see* Gheeraert, E. 71296
Fontaine, F. *see* Gonon, P. 71233
Fontaine, F. *see* Gonon, P. 72565
Fontaine, F. *see* Gonon, P. 93308
Fontaine, F. *see* Manivannan, G. 57006
Fontaine, J.Ch., Barthe, S., Ponpon, J.P., Schunck, J.P., Siffert, P. Single sided x-y position sensitive silicon strip detector: a different approach 88086
Fontaine, J.La *see* La Fontaine, J.
Fontaine, J.M. *see* Acher, O. 98267
Fontaine, M. Computations of birefringence characteristics of anisotropic fibres by solving the vectorial Maxwell equations 51183
Fontana, F. *see* Franco, P. 72752
Fontana, F. *see* Romagnoli, M. 56345
Fontana, G. *see* Cerdonio, M. 50404
Fontana, J.R., Kimura, W.D., Steinhauer, L.C., Pogorelsky, I. Design analysis for a 100-MeV inverse Cerenkov laser accelerator 76632
Fontana, R.E. *see* Furuhata, T. 60269
Fontana, R.E., Jr. *see* Heim, D.E. 72133
Fontana, S. The Alcatel 1070 transfer point in No.7 signaling systems 96487
Fontana, S. *see* Abrami, A. 98715
Fontana, S. *see* Bertinetto, F. 86884
Fontanella, L. *see* Rossetto, L. 68843
Fontanelli, F. *see* Adam, W. 88114
Fontdevila, J., Pallares, M.D., Recasens, D. Electropalatographic data collected with and without a face mask 98899
Fonte, P. A simple readout method for MWPCs with high-rate and sub-millimetre resolution 88009
Fonte, R. *see* De Filippo, E. 59061
Fontecha, J.L., Cagigal, C. Convergency study of an algorithm to design dual band polarizers 51178
Fontenay, V. *see* Iracane, D. 72927
Fontenille, A. *see* Adam, W. 88114
Fontenille, J. *see* Baron, T. 81420
Fontenla, D.P., Ahmad, M., Sou-Tung Chiu-Tsao, Anderson, L.L. Diode dosimetry of ^{103}Pd model 200 seed in water phantom 67650
Fontoura Costa, L.da *see* da Fontoura Costa, L.
Fonzo, S.Di *see* Di Fonzo, S.
Foo, C.F. *see* Tseng, K.J. 93318
Foo, S. *see* Hui, S.C. 85609
Foo, T.K.F., Grigsby, N.S., Mitchell, J.D., Slayman, B.E. SNORE: spike noise removal and detection 53375
Foodeei, M., Dubois, E. Rate-distortion performance of source coders in the low bit-rate region for highly correlated Gauss-Markov source 74547
Foody, G. *see* Quarmby, N. 85145
Fook Siong Chau *see* Tuck Wah Ng 57649
Foor, W.E. *see* Kozaitis, S.P. 72543
Foord, J.S. *see* Beckman, J. 70118
Foord, J.S. *see* Davies, G.J. 91511
Foote, J.T., Mashao, D.J., Silverman, H.F. Stop classification using DESA-1 high resolution formant tracking 84131
Foote, M.C., Johnson, B.R., Hunt, B.D. Transition edge $YBa_2Cu_3O_{7-x}$ microbolometers for infrared staring arrays 66346
Foote, M.C. *see* Hunt, B.D. 82358
Foote, M.C. *see* Hunt, B.D. 93935
Foote, M.C. *see* Javadi, H.H.S. 97217
Forand, J.L., Fournier, G.R., Bonnier, D., Pace, P. LUCIE: a Laser Underwater Camera Image Enhancer 99236
Forastiere, M.A., Righini, G.C. A family of curved Fresnel lenses for integrated optics: modelling by the beam propagation method 56412
Forastieri, J. *see* Marques, D. 66743
Foray, D. *see* David, P.A. 96603
Foray, J. *see* Herry, J.-P. 69505
Forbat, S.M., Karwatowski, S.P., Gatehouse, P.D., Firmin, D.N., Longmore, D.B., Underwood, S.R. Rapid measurement of left ventricular mass by spin echo magnetic resonance imaging 59369
Forbes, D.V. *see* Cockerill, T.M. 63776
Forbes, D.V. *see* Cockerill, T.M. 72917
Forbes, D.V. *see* Crook, A.C. 56431
Forbes, D.V. *see* Han, H. 83158
Forbes, D.V. *see* Lammert, R.M. 83162
Forbes, D.V. *see* Lammert, R.M. 94503
Forbes, D.V. *see* Smith, G.M. 50821
Forbes, H.W. UNIX helps integrate control packages for combined cycle 68478
Forbes, J.W. *see* Brown, G.M. 73154
Forbes, L. *see* Kurachi, I. 62793
Forbes, L. *see* Kurachi, I. 80152
Forbes, N. *see* Williams, P.J. 86418
Forbes, R.C. What is UMTS? [mobile telecommunications] 86118
Forbus, W., Jr. *see* Nelson, S. 76156
Forbush, M. *see* Christian, D.C. 59094
Force, R. *see* Celata, C.M. 87832
Forchel, A., Oshinowo, J., Kerkel, K., Hamisch, Y., Steffen, R. Potential and limitations of selective disordering processes in GaInAsP and AlGaInP heterostructures 55637
Forchel, A. *see* Bacher, G. 63559
Forchel, A. *see* Illing, M. 63558
Forchel, A. *see* Waag, A. 63799
Forchhammer, S., Jensen, K.S. Data compression of scanned halftone images 57749
Forchheimer, R. *see* Haibo Li 74492
Forchheimer, R. *see* Haibo Li 84770
Forchheimer, R. *see* Li, H. 85044
Forcucci, A., Copperman, M. Digital switching of FM video 85993
Ford, A. Electric vehicles and the electric utility company 100901
Ford, C.J.B. *see* Frost, J.E.F. 62910
Ford, C.W. *see* Moodie, D.G. 94176
Ford, D. *see* Thomas, R. 60845
Ford, D.H. *see* Collins, S.R. 90420
Ford, G.A., II, Doreswamy, C.V., Bassapa, P. An investigation of the variation of leakage resistance of electrical insulating materials used on spacecraft power systems 88707
Ford, G.E. *see* El-Fallah, A.I. 64650
Ford, G.E. *see* El-Fallah, A.I. 84958
Ford, G.E. *see* Paglieroni, D.W. 74306
Ford, G.E. *see* You, S.D. 57629
Ford, G.E. *see* You, S.D. 84596
Ford, G.L. *see* Anders, G.J. 78761
Ford, J. Largest biomass burner solves environmental problem 78397
Ford, J.A., Moghrabi, I.A. Multi-step quasi-Newton methods for optimization 69811
Ford, J.E., Fainman, Y., Lee, S.H. Reconfigurable array interconnection by photorefractive correlation 82765
Ford, J.E., Hunter, S., Piyaket, R., Fainman, Y., Esener, S., Dvornikov, A.S., Rentzepis, P.M. Write/read performance in 2 photon 3-D memories 56319
Ford, J.E. *see* Fang Xu 50969
Ford, J.E. *see* Hunter, S. 63357
Ford, J.E. *see* Jian Ma 83362
Ford, J.E. *see* Krishnamoorthy, A.V. 56477
Ford, J.E. *see* Takahashi, H. 56941
Ford, K.M., Canas, A.J., Coffey, J., Andrews, E.J., Schad, N., Stahl, H. Interpreting functional images with NUCES: NUclear Cardiology Expert System 76955
Ford, R.M., Strickland, R.N. Nonlinear phase portrait models for oriented textures 96052
Ford, T. *see* Rush, S. 93232
Ford, W. *see* Lowe, H. 90976
Ford, W.K. *see* Lantz, S.L. 91615
Fordham, C., Ali, I., Behrens, B., Foudas, C., Goussiou, A., Jaworski, M., Kinnel, T., Lackey, J., Robl, P., Silverstein, S., Smith, W.H., Dawson, J., Krakauer, D., Talaga, R. The ZEUS calorimeter first level trigger 59184
Fordham, J. *see* Kawakami, H. 87192
Fordham, M.J., Gansman, R.F., Sorrell, F.Y. Emissivity correcting pyrometer for temperature measurement in low pressure chemical vapor deposition 66706
Fore, N.S. *see* Jones, A.O. 88221
Fore, N.S. *see* Jones, A.O. 88222
Fore, N.S. *see* Lewis, R.A. 87997
Forecast, J. *see* Chran-Ham Chang 85707
Foreman, B.A. *see* Boone, J.L. 48897
Foreman, S. *see* Hack, R.D. 54389
Forest, E. *see* Berg, J.S. 66927
Forest, E. *see* Donald, M. 66879
Forest, F. *see* Costa, F. 68811
Forest, F. *see* Oukaour, A. 90113
Foresti, G., Murino, V., Regazzoni, C.S., Vernazza, G. A distributed approach to 3D road scene recognition 64861
Foresti, G.L., Murino, V. Moving object recognition from an image sequence for autonomous vehicle driving 57802
Foresti, G.L., Murino, V. A real-time image-processing system for visual inspection of real environments 74274
Foresti, G.L., Murino, V., Vernazza, G. A Hough-based method to extract straight-segments from complex scenes 84876
Foresti, G.L. *see* Murino, V. 98111
Forestieri, E., Prati, G. FM click statistics in the presence of phase noise 51309
Forestieri, E., Prati, G. Theoretical analysis of coherent optical FSK systems with limiter-discriminator detection 51310
Forga, J. *see* Bertran, M. 70615
Forger, K. *see* Gutfleisch, F. 68278
Forget, B.C., Fournier, D. Characterization of implanted silicon wafers by the non-linear photoreflectance technique 55543
Forghani, B. *see* Webb, J.P. 83439
Forghieri, F., Bononi, A., Prucnal, P.R. Channel limitations in ultra-fast multihop all-optical soliton networks 52507

Forghieri, F., Tkach, R.W., Chraplyvy, A.R., Marcuse, D. Reduction of four-wave mixing crosstalk in WDM systems using unequally spaced channels 75419
Forgie, J.W. *see* Heggestad, H.M. 74882
Forizs, E. *see* Hopirtean, E. 66717
Fork, D.K. *see* Mei, P. 81912
Forkesh, R. SMDS: to be or not to be? 74933
Forlenzo, D.J., Jahns, T. Stretching the range of wireless communications 85558
Forman, A.V., Jr. *see* Mahalanobis, A. 51677
Forman, B.E. *see* Wolfson, M.M. 77202
Forman, G. *see* Gdula, M. 54511
Forman, G.A., Becker, C.A., Eskew, M., Huegel, R., Smith, D., Jordan, R.R. End users access to prototype and production MCMs 54515
Forman, G.A., Fillion, R.A., Wojnarwoski, R.J., Saia, R.J., Lyke, J., McCabe, J.F., Estrella, I., Weiss, A. GE 3-D HDI stacked multichip module technology's impact on system design 90999
Forman, G.H., Zahorjan, J. The challenges of mobile computing 52069
Forman, P.R. *see* Rochford, K.B. 87256
Formann, M. *see* Aurenhammer, F. 79566
Formato, R.A. Maximum bandwidth monopole antennas 51234
Formato, R.A. Improving impedance performance of the Extended Double-Zepp antenna 73512
Formato, R.A. Improving impedance bandwidth of VHF/UHF Yagis by decreasing the driven element L/D ratio 95022
Formenti, P. *see* D'Alessandro, P. 84999
Formisano, F. *see* Horvath, D. 53123
Fornari, R. *see* Zerrai, A. 55721
Fornasini, E., Valcher, M.E. Algebraic aspects of two-dimensional convolutional codes 95107
Fornasini, E. *see* Valcher, M.E. 57393
Forne, J., Soriano, M., Melus, J.L., Recacha, F. Hardware implementation of a secure bridge in Ethernet environments 75002
Fornel, B.de *see* de Fornel, B.
Fornel, F.de *see* de Fornel, F.
Forner, T. *see* Harle, V. 55624
Forno, S., Rochel, S. Advanced simulation and modeling techniques for hardware quality verification of digital systems 91732
Foroughi, F. *see* Shi, M. 87665
Forouhar, S. *see* Johnston, A.R. 63363
Forouhar, S. *see* Johnston, A.R. 72434
Forouhar, S. *see* Martin, R.D. 63847
Forouhi, R. *see* Chiang, S. 61666
Forrest, J. *see* Edwards, M. 49086
Forrest, J.D. *see* Saxby, C.J. 99963
Forrest, S., Johnson, M., Grimble, M. LQG self-tuning control of super-heated steam temperature in power generation 99941
Forrest, S.R. *see* Burrows, P.E. 50687
Forrest, S.R. *see* Burrows, P.E. 56565
Forrest, S.R. *see* Guang-Jye Shiau 79776
Forrest, W. *see* Lum, N. 58851
Forrest, W.J., Hao Chen, Garnett, J.D., Solomon, S.L., Pipher, J.L. Near infrared arrays for SIRTF, the space infrared telescope facility 58778
Forrest, W.J. *see* Garnett, J.D. 66419
Forrester, J.V. *see* Manivannan, A. 76973
Forrester, M.G., Davidson, A., Talvacchio, J., Gavaler, J.R., Przybysz, J.X. Inductance measurements in multilevel high T_c step-edge grain boundary SQUIDS 82396
Forrester, M.G. *see* Bluzer, N. 52869
Forrester, M.G. *see* Bluzer, N. 58748
Forrester, M.G. *see* Davidson, A. 55386
Forro, L. *see* Mieville, J.-P. 50017
Forse, R., Rohlfing, S. 35 GHz downconverter using HTS films 92439
Forse, R.J. *see* Swanson, D.G., Jr. 80600
Forsgren, P. *see* Ericsson, G. 99550
Forshaw, M.R.B. *see* Wiles, C.R. 88736
Forshee, G.S. *see* Marks, P.M. 78982
Forsman, K., Kettunen, L. Tetrahedral mesh generation in convex primitives by maximizing solid angles 79746
Forsman, R.H. *see* Wilson, J.N. 85116
Forssen, U. Analysis of adaptive FIR filters in cascade form 70740
Forst, V.J., Pellen, A.T. The integration of a high performance fiber optic telemetry system in an ROV 96586
Forster, A., Meinelt, A. Optimised smart-power ASIC integrated circuits 93679
Forster, A. *see* Dieker, C. 81794
Forster, B.C. *see* Guo Yiping 51680
Forster, E. *see* Albinus, C. 58311
Forster, E. O., Yamashita, H., Mazzetti, C., Pompili, M., Caroli, L., Patrissi, S. The effect of the electrode gap on breakdown in liquid dielectrics 63090
Forster, E.O. *see* Pompili, M. 50152
Forster, E.O. *see* Yamazawa, K. 66640
Forster, H. *see* Fikke, S.M. 89344
Forster, J. Rain measurement on buoys using hydrophones 59564
Forster, J. *see* Harris, G. 48754
Forster, P. *see* Martinerie, F. 75557
Forster, R. Making the right choice [in lighting] 54243
Forstl, H. *see* Besthorn, C. 59383
Forstmann, G.G., Barth, F., Schweizer, H., Moser, M., Geng, C., Scholz, F., O'Reilly, E.P. Effects of strain and $GaInP_2$ superlattice ordering on laser polarization 63821
Forstner, A. *see* Lang, M. 61293
Forsyth, D., Rothwell, C. Representations of 3D objects that incorporate surface markings 74623
Forsyth, D.A., Mundy, J.L., Zisserman, A., Rothwell, C.A. Using global consistency to recognise Euclidean objects with an uncalibrated camera 84814
Forsyth, D.W. *see* Miller, S.P. 99141
Forsythe, T.D., Cregan, M., Hogg, B.W. Application of self-tuning control to boiler plant 99948
Forsythe, W. *see* Woodward, B. 86623
Fort, C. *see* Daniele, N. 83681
Fort, N.Le *see* Le Fort, N.
Fortas, A. *see* Dubard, J. 86942
Forte, P. *see* Brown, G. 69598
Forte, P. *see* Brown, G. 92676
Forte-Poisson, M.A.di *see* di Forte-Poisson, M.A.
Fortenberry, R. *see* Cole, R. 99929
Fortenberry, R.M. *see* Ying Cai 86479
Forterre, G. *see* Kouam, C.N. 80637
Fortes, J.A.B. *see* Zina Ben-Miled 84369
Fortgang, C.M., Warren, R.W. Measurement and correction of magnetic fields in pulsed slotted-tube microwigglers 53115
Fortgang, C.M. *see* Barlow, D.B. 76606
Fortgang, C.M. *see* Johnson, K.F. 76415
Fortgang, C.M. *see* Warren, R.W. 53117
Forti, F. *see* Bosisio, L. 59074
Forti, F. *see* Bosisio, L. 98610
Forti, M. *see* Fantacci, R. 64981
Forti, M. *see* Filippelli, F.L. 92442
Fortier, N. *see* Fife, A.A. 93943
Fortier, P. *see* Leclerc, M. 97582
Fortier, P. *see* Roy, S. 73618
Fortier, P. *see* Toussaint, J. 95419
Fortier, T. *see* Tsui, A.C. 55995
Fortin, B. *see* Mostefa, D. 81181
Fortin, C. *see* Emery, J.-Y. 56414
Fortin, C. *see* Gaumont-Goarin, E. 56787
Fortin, M. *see* Conway, F. 97595
Fortin, M.R. *see* Bosse, E. 97380
Fortmann, C. *see* Keppner, H. 100572
Fortmann, C.M. Atomic vibration mediated electronic transport in amorphous silicon 55577
Fortmann, C.M., Fischer, D. Mobility, recombination kinetics, and solar cell performance 100551
Fortmann, C.M. *see* Dawson, R.M.A. 100696
Fortmann, C.M. *see* Fischer, D. 100537
Fortmann, C.M. *see* Gunes, M. 92916
Fortmann, C.M. *see* He, D. 92922
Fortov, V.E. *see* Azarkevich, E.I. 55506
Fortson, L. *see* Benetti, P. 67327
Fortson, L. *see* Benetti, P. 67328
Fortunate, G., Tallarida, G., Pecora, A. Hot carrier induced degradation in polycrystalline silicon thin film transistors 81876
Fortunati, S. On the metallurgical control of texture sharpness and related magnetic properties in grain-oriented silicon-iron 63147
Fortunato, G., Pecora, A., Tallarida, G., Mariucci, L., Reita, C., Migliorato, P. Hot carrier effects in n-channel polycrystalline silicon thin-film transistors: a correlation between off-current and transconductance variations 50001
Fortunko, C.M., Chimenti, D.E. Characterization of pre-impregnated graphite-epoxy lamina with gas-coupled ultrasonics 99365
Fortunko, C.M., Dube, W.P., McColskey, J.D. Gas-coupled acoustic microscopy in the pulse-echo mode 99313
Fortuny, J., Benedicto, X., Sforza, M. Mobile satellite systems at K_u and K_a-band 58330
Fortuny, J., Sieber, A.J. Fast algorithm for a near-field synthetic aperture radar processor 97374
Forward, K. *see* Wo, D. 70606
Forysiak, W., Knox, F.M., Doran, N.J. Stepwise dispersion profiling of periodically amplified soliton systems 83318
Forysiak, W. *see* Knox, F.M. 65806
Foschini, G.J. *see* Cimini, L.J. 86126
Foschini, G.J. *see* Goldsmith, A.J. 75321
Fosha, A.A., Jr. *see* Friebele, E.J. 98032
Foss, M. *see* Breidenbach, M. 92864
Foss, S. *see* Baccelli, F. 79541
Fossati, F. New products for the application of fuzzy logic 55284
Fossati, F. The coding and de-coding of video signals 86689
Fosse, T.V., Christensen, L. Assessment methods for classical music programmes 97719
Fossum, E.R. Assessment of image sensor technology for future NASA missions 66461
Fossum, E.R. *see* Cunningham, T.J. 62874
Fossum, E.R. *see* Cunningham, T.J. 62883
Fossum, E.R. *see* Cunningham, T.J. 63022
Fossum, E.R. *see* Johnston, A.R. 63363
Fossum, E.R. *see* Johnston, A.R. 72434
Fossum, E.R. *see* Mendis, S. 52950
Fossum, E.R. *see* Mendis, S.K. 66459
Fossum, E.R. *see* Mendis, S.K. 98096
Fossum, E.R. *see* Nakamura, J. 66460
Fossum, E.R. *see* Pain, B. 66418
Fossum, E.R. *see* Pain, B. 92176
Fossum, E.R. *see* Rossi, D.V. 66481
Fossum, J.G. *see* Dongwook Suh 62797
Fossum, J.G. *see* Dongwook Suh 93456
Fossum, J.G. *see* Hong, G.-B. 62713
Fossum, J.G. *see* Krishnan, S. 93641
Fossum, J.G. *see* Ugajin, M. 93326
Fossum, J.G. *see* Yeh, P.C. 93645
Foster, B., Postiglione, C. High voltage, series configuration surface mount capacitors designed for surge immunity 90340
Foster, B. *see* Galagedera, S.B. 88240
Foster, B. *see* Galagedera, S.B. 98670
Foster, B. *see* Morgado, C.J.S. 88239
Foster, B. *see* Morgado, C.J.S. 98581
Foster, B.C. High capacitance surface mount capacitors designed for low voltage applications 80930
Foster, C.C. *see* Pace, P.E. 94166
Foster, C.M. *see* Gruen, D.M. 91622
Foster, F. *see* Beaumont, S.P. 88037
Foster, F.S. *see* Lockwood, G.R. 53401
Foster, F.S. *see* Lockwood, G.R. 53563
Foster, F.S. *see* Lockwood, G.R. 99337
Foster, F.S. *see* Ryan, L.K. 98770
Foster, F.S. *see* Turnbull, D.H. 98777
Foster, G. *see* Andresen, J. 88067
Foster, G. *see* Hankey, J. 52606
Foster, G. *see* Rivetta, C. 68761
Foster, G.W. *see* Hoff, J.R. 67384
Foster, G.W. *see* Yarema, R.J. 59200
Foster, J. A progress report on PEPITE [MCM technology] 69580
Foster, J. *see* Katz, B. 71491
Foster, J.C. *see* Groves, K.M. 65910
Foster, J.C. *see* Love, S. 73895
Foster, J.D. *see* Bishop, M.T. 78104
Foster, J.W. *see* Ghahramani, B. 95766
Foster, K. Meeting the needs of industry into the next millennium 69438
Foster, K.W. *see* Chu, W. 49927
Foster, K.W. *see* Dobisz, E.A. 81599
Foster, K.W. *see* Shirey, L.M. 81598
Foster, M.D. Wabash River coal gasification repowering project 89699
Foster, P.R. *see* Burberry, B.A. 57253
Foster, R.H. Advanced DEFINITY call centers: Working for you and your customers 85557
Foster, S.J. *see* Worboys, M.R. 66623
Foster, T.J. *see* Fromhold, T.M. 62670
Foster, T.J. *see* Fromhold, T.M. 81796
Foster, T.J. *see* Geim, A.K. 93518
Foster, T.J. *see* Martin, P.M. 62671
Foster, T.J. *see* Wang, J. 71590
Foster, T.J. *see* Wang, J. 81782
Foster-Turner, R. *see* Knowles, M.R.H. 82928
Fostiak, R.J., Davis, H.R. Electrical features of the Rocky Mountain pumped-storage project 60129
Fotedar, S. *see* Kannan, B. 65067
Foth, E. ISDN telephone with integrated network termination 96816
Fothergill, J. *see* Dahnoun, N. 76968
Fothergill, J.C., Dissado, L.A., Sweeney, P.J.J. A discharge-avalanche theory for the propagation of electrical trees. A physical basis for their voltage dependence 63066
Fotheringham, G. *see* Hahn, R. 56237
Fotopoulos, S. *see* Sindoukas, D.I. 96872
Fotouhi, B. Optimization of chopper amplifiers for speed and gain 70689
Fotouhi, B. *see* Ba, B. 71259
Fotuhi-Firuzabad, M. *see* Billinton, R. 89017
Fotuhi-Firuzabad, M. *see* Billinton, R. 89018
Foty, D., Hanafi, H., Agnello, P., Ho, H. Mixed Schottky/p-n junction behavior in diodes produced by outdiffusion from polycrystalline cobalt disilicide 62680
Foty, D.P., Nowak, E.J. MOSFET technology for low-voltage/low-power applications 62738
Fotyma, M. Stabilization of the operation of the windings of superconducting magnets—practical applications 72251
Fouad, A.A., Qin Zhou, Vittal, V. System vulnerability as a concept to assess power system dynamic security 78193
Fouad, A.A. *see* Qin Zhou 59787
Fouad, E.E. *see* Abd El Rehim, S.S. 48959
Fouaidy, M., Junquera, T., Chel, S., Mosnier, A. Thermal study of HOM couplers for superconducting RF cavities 63332
Fouchard, D. *see* Ebner, W. 90357
Foucher, M. *see* Anderson, B.E. 88246
Fouchez, D. *see* Gingrich, D. 53291
Fouckhardt, H., Delonge, T., Daniel, R., Muller, T., Freye, R. "Vertical" vs. "horizontal" nonlinear directional couplers in epitaxial AlGaAs structures with MQW layers 65778
Fouda, S.S., Salama, M.M.A., Chikhani, A.Y. Characteristic performance of thyristor controlled reactor used in reactive power control 99493
Foudas, C. *see* Fordham, C. 59184
Foudopoulos, P., Kollias, S., Halkias, C. An efficient approach to the detection of Bernoulli-Gaussian processes 57522
Fougeron, C., Ausset, P., de Menezes, D., Peyromaure, J., Charruau, G. Very wide range and short accelerating cavity for MIMAS 67086
Fouillant, C. *see* Baranov, A.N. 72892
Fouillat, P., Gervais-Ducouret, S., Lapuyade, H., Dom, J.P. Implementation of laser beam sensitive cells: a new approach for integrated circuits testing 82091

Fouks, B.I., Kocherov, V.F., Taubkin, I.I., Vinokurov, L.A., Zaletaev, N.B. Photoresponse of low-background extrinsic infrared detector arrays 58758
Fouladgar, J. *see* Li, Y.M. 90649
Fouladgar, J. *see* Li, Y.M. 90653
Foule, J.-N., Atten, P., Felici, N. Macroscopic model of interaction between particles in an electrorheological fluid 64055
Foulon, F., Pochet, T., Gheeraert, E. X-ray sensitivity measurements on CVD diamond film detectors 98728
Foulon, F., Pochet, T., Gheeraert, E., Deneuville, A. CVD diamond films for radiation detection 81187
Foulon, F. *see* Pochet, T. 88062
Foulon, F. *see* Pochet, T. 98623
Fountain, M., Brager, G., Arens, E., Bauman, F., Benton, C. Comfort control for short-term occupancy 100951
Fouquart, Y. *see* Goloub, P. 59553
Fouquet, J.E. *see* Yang, L. 55693
Fouquet, R., Jay, J., Courbon, M., Celle, F., Schon, J.P. A control system of an intensified video camera dedicated to numerical storage of multi-exposed images 76263
Fourches, N. *see* Flament, O. 70769
Fourcin, A. *see* Walliker, J. 98963
Fourdan, L.M. Author's response to "Comments on 'About the enumeration of best biphase codes'" 73677
Fourie, A.P.C., Nitch, D.C., Givati, O. A complex-body structure interpolation and gridding program (SIG) for NEC 64051
Fourie, A.P.C. *see* Clark, A.R. 51251
Fourie, A.P.C. *see* Nitch, D.C. 50995
Fourneau, J.-M., Kloul, L., Pekergin, N., Quessette, F., Veque, V. Modelling buffer admission mechanisms using stochastic automata networks 74670
Fournet, J.S. *see* Hwu, S.U. 86297
Fournier, A., Buchanan, J. Chebyshev polynomials for boxing and intersections of parametric curves and surfaces 79661
Fournier, A. *see* Dumas, J.M. 86528
Fournier, D. *see* Forget, B.C. 55543
Fournier, D. *see* Gingrich, D. 53291
Fournier, G.R. *see* Forand, J.L. 99236
Fournier, H., Graff, P. AXD 4/1: A 155 Mbit/s synchronous digital cross-connect system 65509
Fournier, J. *see* Demarne, V. 66565
Fournier, J.P. *see* Elta, M.E. 62432
Fournier, O. *see* Cressan, E. 52520
Fournier, P., Aubin, M. Measuring the critical current of high temperature superconductors in liquid nitrogen as a function of temperature 53009
Fourrier, M. *see* Aune, P. 62109
Foust, J.L. What good is bandwidth without services? [telecommunications, integrated service delivery platform] 96488
Foutz, J. Design of a hypertext power supply design guide 49147
Fouz, M.C. *see* Arefiev, A. 88007
Fowkes, M. *see* Fincham, W. 69177
Fowkes, R. *see* Caryotakis, G. 67156
Fowkes, W.R., Caryotakis, G., Lee, T.G., Pearson, C., Wright, E.L. PEP-II prototype klystron 62099
Fowkes, W.R. *see* Vlieks, A.E. 67011
Fowler, A., Swingewood, J. BT's service management centre for broadcasters 86665
Fowler, A. *see* Heynssens, J. 58848
Fowler, A.M., Heynssens, J. Evaluation of the SBRC 256×256 InSb focal plane array and preliminary specifications for the 1024×1024 InSb focal plane array 58845
Fowler, B., El Gamal, A. Pulse-modulated analog neuron circuits 61861
Fowler, B., El Gamal, A. Pulse-modulated analog neuron circuits 70799
Fowler, B., El Gamal, A., Yang, D.X.D. A CMOS area image sensor with pixel-level A/D conversion 98107
Fowler, B. *see* Bhadkamkar, N. 67455
Fowler, C.A. The defense acquisition system too late for the scalpel; bring out the meat axe! 88922
Fowler, C.A. Defense acquisition: grab the ax 99405
Fowler, C.E. *see* Chiles, M.M. 87971
Fowler, J. *see* Bantly, J. 88241
Fowler, J. *see* Bantly, J. 98590
Fowler, J.E., Ahalt, S.C. Differential vector quantization of real-time video 58247
Fowler, J.W. *see* Duenyas, I. 90938
Fowler, W. *see* Bogert, D. 87641
Fowler, W.B. *see* Harding, D.J. 76674
Fowlkes, J.B. *see* Gardner, E.A. 98772
Fox, A.M. *see* Ispasoiu, R.G. 62272
Fox, B. *see* Jovanovic, S. 59690
Fox, B. *see* Thompson, J.G. 99476
Fox, B.A., Stoner, B.R., Malta, D.M., Ellis, P.J., Glass, R.C., Sivazlian, F.R. Epitaxial nucleation, growth and characterization of highly oriented (100)-textured diamond films on silicon 69927
Fox, B.A. *see* Hartsell, M.L. 71242
Fox, C.L. *see* Coates, D.K. 78785
Fox, D. Exact solutions of cyclically symmetric oscillator equations with non-linear coupling 70320
Fox, G. *see* Anupindi, K. 99588
Fox, G.C. *see* Koester, D.P. 99460
Fox, H.H. *see* Samuel, I.D.W. 83291
Fox, J. *see* Hindi, H. 76503
Fox, J.A. *see* Cohn, D.B. 87314
Fox, J.D., Eisen, N., Hindi, H., Linscott, I., Oxoby, G., Sapozhnikov, L., Serio, M. Feedback control of coupled-bunch instabilities [particle accelerators] 76552
Fox, J.D. *see* Barry, W. 76435
Fox, J.D. *see* Sapozhnikov, L. 98468
Fox, M. *see* Masi, J. *(editor)* 54323
Fox, M.D. *see* HyunDae Hong 67474
Fox, M.W. Near-global maps of total electron content 73332
Fox, R.M., Brodsky, J.S. Effects of self-heating-induced negative output conductance in SOI circuits 93666
Fox, R.W. *see* D'Evelyn, L. 83126
Fox, R.W. *see* Weimer, C.S. 86923
Fox, S.L. *see* Whitaker, L.A. 95258
Fox, T.F. The design of high-performance microprocessors at Digital 92252
Fox, T.F. *see* Mistry, L.R. 63015
Fox, W. *see* Nordberg, E. 66815
Fox, W. *see* Wangler, T.P. 76301
Fox, W.L.J. *see* Rouseff, D. 77542
Foxon, C.T., Cheng, T.S., Dawson, P., Lacklison, D.E., Orton, J.W., van der Vleuten, W., Hughes, O.H., Henini, M. External photoluminescence efficiency and minority carrier lifetime of (Al,Ga)As/GaAs multi-quantum-well samples grown by molecular beam epitaxy using both As_2 and As_4 54836
Foxon, C.T. *see* Ispasoiu, R.G. 62272
Foxon, C.T. *see* Leadley, D.R. 81280
Foxon, C.T. *see* Orton, J.W. 81324
Foy, P.R. *see* Abel, T. 72298
Foy, P.R. *see* Rondinella, V.V. 94098
Foyer, H. *see* Christnacher, F. 56942
Foyle, D.C., McCann, R.S., Sanford, B.D., Schwirzke, M.F.J. Attentional effects with superimposed symbology: implications for head-up displays (HUD) 99063
Foyle, D.C. *see* McCann, R.S. 99083
Fozooni, P. *see* Stefanyi, P. 53322
Fozooni, P. *see* Stefanyi, P. 53335
Fraas, L.M. *see* Piszczor, M.F., Jr. 100740
Frabboni, S. *see* Armigliato, A. 81381
Frabetti, P.L. *see* Aulchenko, V.M. 67341
Frabetti, P.L. *see* Cantoni, P. 53306
Fraboni, B. *see* Blaikie, R.J. 81310
Fraboni, B. *see* Castaldini, A. 81218
Fracasso, B., de Bougrenet de la Tocnaye, J.-L. Node-based reconfigurable volume interconnections. I. Principles and optical design 82764
Fracasso, B. *see* Hamam, H. 82846
Fracastoro-Decker, M., Bicelli, L.P. Computer simulation of CdTe electrodeposition 48964
Fracchia, M. A software package for electric engineering analysis and design 55057
Fracchia, M., Ghiara, T., Marchesoni, M. Generalized design of power converters for electric vehicle drives 54193
Fracchia, M., Hill, R.J., Pozzobon, P., Sciutto, G. Accurate track modelling for fault current studies on third-rail metro railways 54219
Fracchia, M., Sciutto, G. Diesel electric propulsion for marine application 69152
Frachet, B. *see* Eskenazi, M. 98965
Frachon, B. *see* Stephan, Y. 77563
Frackowiak, E. *see* Reksc, W. 68944
Fraczek, J.K. Assessment of hazard caused by intrinsically safe systems 48640
Fraenkel, A. *see* Juravel, Y. 94274
Fraenkel, P.L. The development of wind-pumps 60141
Fraerman, A.A. *see* Gusev, S.A. 81488
Fraga, E. *see* Kraus, L. 71994
Fraga, F., Policarpo, A., Ferreira Marques, R. Systematics of the SQS current pulses on the plateau region 59124
Fragano, M. *see* d'Ambrosio, E. 86736
Fragis, N. *see* Nassiopoulos, A.G. 81355
Fragola, J.R. Designing for success: reliability technology in the concurrent engineering era 54448
Fragola, J.R., Kurth, R., Maggio, G., Epstein, S.A., Frank, M.V. Probabilistic risk analysis applied to the Space-Shuttle main engine 59527
Fraigi, L., Gwirc, S.N., Lupi, D. A thick film sensor for atmospheric corrosion testing 66256
Fraigi, L., Lupi, D., Malatto, L. A thick-film pressure transducer for cars propelled by natural gas 66192
Fraile-Ordonez, J.M. *see* Jansche, A. 65981
Fraile-Pelaez, F.J. *see* Chamorro-Posada, P. 73448
Frailong, J.-M. *see* Sindhu, P. 74705
Fraissard, D. *see* von Apeldoorn, G. 88116
Fraisse, D. *see* Klonz, M. 86898
Fraisse, H. *see* Coudert, O. 54641
Fraivillig, J. *see* Anerella, M. 76663
Frame, B.J. *see* Lue, J.W. 82480
Franc, J. *see* Hoschl, P. 61236
Franc, J.C. *see* Engelke, W. 68443
Franca, J.E. Integrated circuit teaching through top-down design 90832
Franca, J.E. *see* Henriques, B.G. 80403
Franca, J.E. *see* Pratas, J. 61769
France, M.A. *see* Boyer, G.R. 82535
Francescato, A. *see* Beaumont, S.P. 88037
Franceschetti, G., Lanari, R., Manni, A.R., Mazzeo, A., Mazzocca, N. Synchronous architectures for high precision processing of SAR data: experiments and results 77679
Franceschetti, G., Lanari, R., Marzouk, E.S. Aberration free SAR raw data processing via transformed grid predeformation 67798
Franceschetti, G. *see* Dutt, R.B. 83628
Franceschi, D. *see* Ivanovic, M. 67466
Franceschi, F. *see* Vici, A.D. 51995
Franceschi, R.De *see* De Franceschi, R.
Franceschi Soravito, G.de *see* de Franceschi Soravito, G.
Franceschini, F., Iuliano, L., Romano, D. Coordinate measuring machines (CMM) on-line diagnostics based on "a priori knowledge" 87000
Franceschini, F. *see* Barbato, C. 76216
Franceschini, G. *see* Filippetti, F. 68597
Franceschini, L., Cerdonio, M., Falferi, P., Macchietto, R., Prodi, G.A., Vitale, S. A very low losses superconducting LC resonator 50405
Franceschini, L. *see* Cerdonio, M. 50404
Franceschini, L. *see* Falferi, P. 82510
Franceschini, T. *see* Frontera, F. 76862
Franceschinis, G., Muntz, R.R. Bounds for quasi-lumpable Markov chains 69698
Francese, A., Garetti, E., Papini, B. A proposal of numbering schemes for PCS 97158
Francese, F. Multichip modules: developed hybrids or a new technology 54541
Francese, F. SMT—new components and new soldering techniques 55472
Francese, P.A. *see* Lacaita, A. 94273
Franceskovic, S., Matos, D. Comparison of basic signalling in international communication traffic 96123
Franch, R. *see* Shahidi, G.G. 92195
Franch, R. *see* Subbanna, S. 92190
Franchi, A. Acquisition performance evaluation for fully digital receivers in a band-limited DS-SS CDMA system 75275
Franchi, G. *see* Conti, M. 59206
Franchi, S. *see* Bosacchi, A. 55885
Franchina, L. *see* Cardone, A. 85320
Franchot, C.J., Sanderson, I., Sweeney, J. Implementation of a model based (MRFF) control strategy for steam temperature control of cycling power plants 89594
Franciosi, A. *see* Cingolani, R. 72808
Franciosi, A. *see* Karpov, I. 91562
Francis, C. *see* Emery, J.-Y. 56414
Francis, C.V. *see* Hahn, K.H. 72454
Francis, J.R. *see* Sterman, M.B. 99054
Francis, M.H. *see* Jacobson, M.D. 99181
Francis, P., Michel, C., Flandre, D., Colinge, J.P. Radiation-hard design for SOI MOS inverters 50088
Francis, P., Terao, A., Flandre, D., Van de Wiele, F. Modeling of ultrathin double-gate nMOS/SOI transistors 55984
Francis, P., Terao, A., Gentinne, B., Flandre, D., Colinge, J.-P. SOI technology for high-temperature applications 63002
Francis, P. *see* Flandre, D. 93476
Francis, R. *see* Hallberg, O. 61049
Francis, R.L., Horak, T. A note on the reel allocation problem 81025
Francis-Laribee, J. American companies exploring networks in Europe: alternatives, challenges & recent advances 52077
Francisco, A. Vergence micromovements and depth perception 84668
Franck, A. *see* Goodwin, J.E. 76678
Franck, A. *see* Herrup, D.A. 76562
Francke, T. *see* Carlson, P. 88068
Francke, T. *see* Carlson, P. 98532
Francke, T. *see* Carlson, P. 98556
Franco, D. Oscillator design achieves fast, wide-band modulation 61893
Franco, D.P. A miniaturized mounting for a 4-20 GHz PIN attenuator 61927
Franco, G. *see* Allodi, L. 55173
Franco, G. *see* Boni, A. 49505
Franco, H., Cohen, M., Morgan, N., Rumelhart, D., Abrash, V. Context-dependent connectionist probability estimation in a hybrid hidden Markov model-neural net speech recognition system 73782
Franco, M.M. *see* Otoshi, T.Y. 57259
Franco, P., McCluskey, E.J. On-line delay testing of digital circuits 49383
Franco, P., McCluskey, E.J. Three-pattern tests for delay faults 49407
Franco, P., Midrio, M., Tozzato, A., Romagnoli, M., Fontana, F. Characterization and optimization criteria for filterless erbium-doped fiber lasers 72752
Franco, P. *see* Romagnoli, M. 56345
Franco, P.E.C., Carvalho, M.F., Soares, S. A network flow model for short-term hydro-dominated hydrothermal scheduling problems 77960
Francois, F., Escande, E., Bigeon, J. A methodology for knowledge representation in expert system, in the field of electrical engineering 79251

Francois, I. *see* Borghs, G. 61944
Francois, P.-L. *see* Le Boudec, P. 56647
Francois, V., Lagace, S., Guan, X., Chin, S.L. Operational stabilization of a high-power ultrashort dye oscillator-amplifiers laser chain 82957
Francoise, V. *see* Pierre, F. 81698
Francomacaro, A.S. *see* Lehtonen, S.J. 55430
Francomano, E. *see* Ala, G. 51145
Francombe, M.H. Historical perspective of oriented and epitaxial thin films 91482
Francombe, M.H. *see* Perera, A.G.U. 75968
Franconi, C., Banci, G., Tiberio, C.A. RF H-field fluxtubes for safe and controlled hyperthermia 67619
Francou, J.-M. *see* Etrillard, J. 93279
Franczak, B. *see* Blasche, K. 87828
Franczak, B. *see* Franzke, B. 76402
Frandsen, P. *see* Gusewell, D. 76381
Frandsen, P.K. *see* Delikaris, D. 76646
Frangin, Y. *see* Tessier, L. 67489
Frank, A.J. *see* Duli Mao 55677
Frank, A.L. *see* Fang, T. 81099
Frank, C. *see* Grenville, A. 62555
Frank, C.W. *see* Rao, V. 81662
Frank, D.J., Laux, S.E., Fischetti, M.V. Monte Carlo simulation of a 30 nm dual-gate MOSFET: how short can Si go? 62822
Frank, J., Coffman, R. Hybrid active arrays 75610
Frank, J. *see* Coles, C. 66498
Frank, K. *see* Howells, M.R. 88278
Frank, K. *see* Skelton, D. 48698
Frank, K.J. *see* Smith, K.R. 76952
Frank, L. *see* Pejchl, D. 49756
Frank, M. *see* Kufner, M. 50644
Frank, M.V. *see* Fragola, J.R. 59527
Frank, N., Springholz, G., Bauer, G. Imaging of misfit dislocation formation in strained layer heteroepitaxy by ultrahigh vacuum scanning tunneling microscopy 91440
Frank, N. *see* Springholz, G. 54907
Frank, P.A. *see* Christian, T.R. 98065
Frank, P.M., Xianchun Ding Frequency domain approach to optimally robust residual generation and evaluation for model-based fault diagnosis 54620
Frank, P.M. *see* Kiupel, N. 68438
Frank, R. *see* Artusi, D. 79355
Frank, R. *see* Baum, J. 78987
Frank, R. *see* Cole, R. 99929
Frank, S.N. *see* Hanson, C.M. 87300
Frank, W. *see* Sterkenburgh, T.R. 56400
Frank, W.F.X., Linke, F., Schosser, A., Strempel, T.K., Brunner, S., Ruck, D.M., Behringer, U., Tschudi, T., Franke, H., Sterkenburgh, T. Passive optical devices in polymers 56408
Frank, W.F.X. *see* Brunner, S. 56374
Frank, W.W. Control of the environment in electrical equipment rooms in the metals industry 69258
Franke, D. *see* Kaiser, R. 56593
Franke, D. *see* Kaiser, R. 86348
Franke, E.A. *see* Magee, M. 57640
Franke, G. *see* Rulke, S. 80025
Franke, H., Podgorsek, R., Osterfeld, M. Polymer lightguides as optical sensors 58902
Franke, H. *see* Biebricher, M. 56464
Franke, H. *see* Frank, W.F.X. 56408
Franke, H. *see* Manivannan, G. 57000
Franke, H. *see* Sterkenburgh, T.R. 56400
Franke, J. *see* Feldmann, K. 62010
Franke, P.M. *see* Nickisch, L.J. 83663
Franke, S.J. *see* Afraimovich, E.L. 88758
Frankel, K.A. *see* Zeitlin, C.J. 87954
Frankel, M.Y. 500-GHz characterization of an optoelectronic S-parameter test structure 53045
Frankel, M.Y., Esman, R.D., Weller, J.F. Rapid continuous tuning of a single-polarization fiber ring laser 56706
Frankel, M.Y., Voelker, R.H., Hilfiker, J.N. Coplanar transmission lines on thin substrates for high-speed low-loss propagation 49618
Franken, B. *see* Van Heesch, E.J.M. 63063
Franken, H.M. *see* Stroeve, S.H. 53460
Frankenberger, J. *see* Wagner, D. 52808
Frankle, S., Fitzgerald, D., Hutson, R., Macek, R., Wilkinson, C. Application of a simple analytical model to estimate effectiveness of radiation shielding for neutrons 76324
Frankle, S. *see* Donahue, J. 66950
Frankle, S. *see* Hutson, R. 66949
Frankle, S. *see* Wang, T. 87918
Frankle, S. *see* Wilkinson, C. 76325
Franklin, G. *see* Gyugyi, P.J. 93103
Franklin, G.F. *see* Saraswat, K.C. 62352
Franklin, J. *see* Chan, S.W.K. 95301
Franklin, J.A. Three applications of artificial neural networks for control 65565
Franklin, M., Haber, S. Joint encryption and message-efficient secure computation 73760
Franklin, M., Saluja, K.K. Hypergraph coloring and reconfigured RAM testing 61690
Franklin, M. *see* Tesarek, R.J. 98504
Franklin, M.J., Carey, M.J., Livny, M. Global memory management in client-server DBMS architectures 58153
Franklin, P.H. *see* Crow, L.H. 54624
Frankovic, B. *see* Vesely, V. 68084
Frankowsky, G., Wacker, T., Hangleiter, A., Ottenwalder, D., Scholz, F. Steplike growth of monolayer terraces in GaInAs quantum wells grown by selective epitaxy 54925
Franks, A. *see* Schoch, B. 63374
Franks, D. *see* Weisend, J.G., II 87684
Franks, E., Thornton, R., Jr. Simultaneous operation of UHF communication channels on an airborne platform 88909
Franks, E. *see* Golob, A. 62558
Franks, L.E. *see* Ghanekar, S. 61803
Franks, L.E. *see* Ghanekar, S. 61804
Franks, P. *see* Flowers, J.L. 86974
Franquelo, L.G. *see* Galvan, E. 69099
Franques, V. *see* Finch, M. 67953
Franse, J.J.M. *see* Gersdorf, R. 79511
Franse, J.J.M. *see* Koziol, Z. 72062
Franse, J.J.M. *see* Koziol, Z. 76158
Fransman, M. AT&T, BT and NTT: the role of R&D 58026
Fransman, M. AT&T, BT and NTT: Vision, strategy, corporate competence, path dependence, and the role of R&D 96300
Franson, J.D., Ilves, H. Quantum cryptography using optical fibers 58389
Franssen, F.H.M. *see* Balasa, F. 95602
Franssila, S. Linewidth uniformity versus etch rate uniformity in refractory metal plasma etching 93196
Fransson, K. *see* Gustafsson, L. 88231
Fransson, K. *see* Gustafsson, L. 98671
Frant, G. *see* Vietti, A. 99862
Franta, W.R. *see* Hughes, J.P. 58104
Franti, P., Nevalainen, O., Kaukoranta, T. Compression of digital images by block truncation coding: a survey 84825
Franti, P. *see* Kari, J. 57755
Frantsuz, E.T., Khavinson, V.M., Geneves, G., Piquemal, F. On a draft of a superconducting magnetic levitation system intended to monitor stability of the unit of mass 82497
Frantsuz, E.T. *see* Khavinson, V.M. 66680
Frantsuz, E.T. *see* Khavinson, V.M. 88745
Frantti, J. *see* Leppavuori, S. 54962
Frantz, G. *see* Seshan, N. 58331
Frantz, R.A. *see* Volotinen, T.T. 94103
Frantz, R.A.J. *see* Marshall, G.R. 99484
Frantzeskakis, E., Baras, J.S., Liu, K.J.R. Time-recursive architectures and wavelet transform 74106
Frantzeskakis, E.N., Liu, K.J.R. A class of square root and division free algorithms and architectures for QRD-based adaptive signal processing 84364
Franz, B. *see* Wedding, B. 97338
Franz, C. *see* Cooperman, W. 86285
Franz, M. *see* Hauptmann, P. 75943
Franz, R., Gradischnig, K.D., Huber, M.N., Stiefel, R. ATM-based signaling network topics on reliability and performance 51920
Franzel, K.S. *see* Dee, R.H. 50363
Franzel, K.S. *see* Ramesh, M. 50339
Franzen, B. *see* Lundgren, J. 90896
Franzen, D.L. *see* Jinno, M. 83110
Franzka, S., Knell, G., Pagnia, H., Sotnik, N. Visualization of carbon layers in electroformed MIM diodes 71254
Franzke, B., Beckert, K., Bosch, F., Eickhoff, H., Franczak, B., Gruber, A., Klepper, O., Nolden, F., Raabe, P., Reich, H., Spadtke, P., Steck, M., Struckmeier, J. Heavy ion beam accumulation, cooling, and experiments at the ESR 76402
Franzke, B. *see* Eickhoff, H. 67040
Franzke, B. *see* Steck, M. 76411
Franzo, G., Priolo, F., Coffa, S., Polman, A., Carnera, A. Room-temperature electroluminescence from Er-doped crystalline Si 50686
Franzo, R.T. *see* Argade, P.V. 70586
Franzon, P., Simovich, S., Mehrotra, S., Steer, M. Automatic a-priori generation of delay and noise macromodels and wiring rules for MCMs 54531
Franzon, P., Simovich, S., Mehrotra, S., Steer, M. Macromodels for generating signal integrity and timing management advice for package design 91030
Franzon, P. *see* Mehrotra, S. 93630
Franzon, P. *see* Sha Ma 82076
Franzon, P. *see* Simovich, S. 55081
Franzon, P.D. *see* Doane, D.A. 79343
Franzon, P.D. *see* Washabaugh, S. 80300
Franzosi, P. *see* Lazzarini, L. 79826
Fraschilla, J. *see* Ren, J. 51268
Fraser, D.B. *see* Gardner, D.S. 90982
Fraser, D.B. *see* Jones, E.C. 62392
Fraser, G.W., Abbey, A.F., Holland, A., McCarthy, K., Owens, A., Wells, A. The X-ray energy response of silicon. Part A. Theory 98552
Fraser, J. *see* Bence, R. 96774
Fraser, N. *see* McGlashan, S. 51423
Fraser, N.M. The SUNDIAL speech understanding and dialogue project: results and implications for translation 57426
Fraser, R.D. *see* Knecht, B.A. 82908
Fraser-Smith, A.C., Helliwell, R.A. Overview of the Stanford University/Office of Naval Research ELF/VLF radio noise survey 83711
Frassinetti, M. *see* Pellegrini, P.F. 57800
Frassinetti, M. *see* Pellegrini, P.F. 57803
Frate, F.Del *see* Del Frate, F.
Fratelli, L., Vitale, G., Spirito, P. Analysis of stress in power bipolar devices during inductive turn-off 55905
Fratello, V.J., Licht, S.J., Brandle, C.D., O'Bryan, H.M., Baiocchi, F.A. Effect of bismuth doping on thermal expansion and misfit dislocations in epitaxial iron garnets 91464
Fratello, V.J. *see* Deeter, M.N. 52814
Frater, M.R., Anderson, B.D.O. Fast simulation of buffer overflows in tandem networks of GI/GI/1 queues 61078
Frater, M.R. *see* Rose, O. 96807
Frateschi, N.C., Jow, M.Y., Dapkus, P.D., Levi, A.F.J. InGaAs/GaAs quantum well lasers with dry-etched mirror passivated by vacuum atomic layer epitaxy 83144
Frateschi, N.C. *see* Zhao, H. 50855
Fraticelli, E.W. Designing and implementing a hybrid composite digital/analog post-production system 86699
Fratta, A., Troglia, G.P., Vagati, A., Villata, F. Evaluation of torque ripple in high performance synchronous reluctance machines 68558
Fratta, L., Borgonovo, F., Bannister, J., Gerla, M. Routing and admission control in the multihop wavelength-division optical network 52617
Fratta, L. *see* Borgonovo, F. 65097
Fratta, L. *see* Borgonovo, F. 75479
Fratta, L. *see* Cappellini, G. 74640
Fratta, L. *see* Crocetti, P. 96754
Frattini, P.L. *see* Choi, H.J. 63221
Frau, J.A. *see* Bertran, M. 70615
Frauenglass, A. *see* Zaidi, S.H. 81705
Frautschi, M. *see* Unno, Y. 98558
Frautschi, M.A. *see* Ziock, H.J. 76767
Frawley, J.J. *see* Harding, D.J. 77315
Fray, A. *see* Bamford, L.D. 51216
Fray, R. *see* Kraje, B. 68423
Frazer, G., Boashash, B. Wigner bispectrum, phase product smoothing and time-varying bispectra 84407
Frazho, A.E. *see* Grigoriadis, K.M. 69849
Frazier, A.B., Ahn, C.H., Allen, M.G. Development of micromachined devices using polyimide-based processes 93285
Frazier, A.B., O'Brien, D.P., Allen, M.G. Two dimensional metallic microelectrode arrays for extracellular stimulation and recording of neurons 59396
Frazier, A.B., Olson, S.C., Turner, S.P., Allen, M.G. Characterization of graphite-filled polyimide thin films, using micromachining techniques 49020
Frazier, D. *see* Kukhtarev, N. 50977
Frear, D.R., Vianco, P.T. Intermetallic growth and mechanical behavior of low and high melting temperature solder alloys 70165
Frechette, M. *see* Gagnon, A. 97425
Fred, A.L.N., Leitao, J.M.N. An heuristic-based context-free parsing algorithm 73847
Freda, M. Laminates for *MCM-L*'s 79388
Freddi, E. *see* Bigliardi, S. 56005
Frederic, M. *see* Bernard, G. 93982
Frederick, T., Erdol, N. Subband equalizer performance for intersymbol-interference channels 58272
Frederick, T. *see* Braceras, G. 92229
Fredericks, C.J. *see* Swindler, D.L. 59994
Frederickson, M., Behr, A. Ultrasonic cleaning on fine pitch components—establishing a new standard 92735
Frederickson, P.A. *see* Davidson, K.L. 77533
Frederiksen, J. *see* Sommer-Larsen, P. 55496
Frederiksen, J.R. *see* White, B.Y. 79178
Frederiksen, P. *see* Sommer-Larsen, P. 55496
Frederiksen, S.G. The SSCL framework software plans 88142
Frederking, T.H.K. *see* Lee, A.C. 53017
Fredette, P.H. The past, present, and future of inverse multiplexing 52271
Fredin, P., Boreman, G. Normalized detectivity as a function of diffusion length for SPRITE detectors 66443
Fredj, L. *see* Chemarin, M. 98516
Fredric, C., Gay, R., Tarrant, D., Willett, D. Results of recent $CuInSe_2$ module investigations 100499
Fredricksen, H., Ritums, D., Wu, N.J., Li, X.Y., Ignatiev, A., Feller, J., Sarma, B.K., Levy, M. High transition temperature superconducting surface acoustic wave devices 56190
Fredrickson, H.A. *see* Pohida, T.J. 87036
Fredriksson, E., Carlsson, J.-O. Chemical vapour deposition of aluminium oxides from various gas mixtures 54973
Fredrikze, H. *see* van Well, A.A. 67400
Freeberg, N.E. *see* Bruce, D.S. 99124
Freebersyser, J.A. *see* Devetsikiotis, M. 96192
Freed, A., Rodet, X., Depalle, P. Synthesis and control of hundreds of sinusoidal partials on a desktop computer without custom hardware 75802
Freedman, A., Levanon, N. Properties of the periodic ambiguity function 75551
Freedman, D.D., Smyton, P.A. Overview of data fusion activities 57509
Freedman, M.T. *see* Jyh-Shyan Lin 76944
Freedman, P., Quesnel, L., Roy, D. CRIM: a new model for technology development and technology transfer 79214
Freeland, G.C., Durrani, T.S. Multipredictor modelling with application to chaotic signals 84230
Freeland, P.R. *see* Lacy, W.K. 80914

Freeman, A. The effects of noise on polarimetric SAR data 77219
Freeman, A., Alves, M., Williams, J. Calibration results for J-ERS-1 SAR data produced by the Alaska SAR Facility 77608
Freeman, A., Zink, M. An application of the monopulse principle to determining elevation angles in SAR images 88850
Freeman, A. *see* Kwok, R. 77698
Freeman, A. *see* Norikane, L. 77268
Freeman, A. *see* Sarabandi, K. 88860
Freeman, C.F. *see* Biberman, L. 66632
Freeman, D.K. Resonances and stability in arrays of pseudodipoles 57290
Freeman, D.L. *see* Doll, J. 48756
Freeman, E.M. *see* Dyck, D.N. 51040
Freeman, E.M. *see* Dyck, D.N. 83436
Freeman, E.M. *see* Ramirez, J.A. 51027
Freeman, H. Satellite services—the future of the Signatory Affairs Office 86274
Freeman, H., Tan, Y. A new approach to model-based 3-D object recognition 84861
Freeman, J. SMT study: strife & solder ability 91070
Freeman, J. *see* de Barbaro, P. 98584
Freeman, L. *see* Eguchi, T. 66071
Freeman, M.J. *see* Milikh, G.M. 94820
Freeman, P. *see* Karakucuk, M. 61950
Freeman, P. *see* Karakucuk, M. 80720
Freeman, R.C., Jr. *see* Abraham, R.C. 72127
Freeman, R.D. *see* Argade, P.V. 70586
Freeman, R.R. *see* Tichenor, D.A. 81591
Freeman, W.B., Orbeck, T., Moal, E. Development of conical silicone rubber bushings to replace porcelain on SF_6 circuit breakers 90302
Freeouf, J. *see* Hovel, H. 93638
Freeouf, J.L. *see* Aboelfotoh, M.O. 55647
Freeouf, J.L. *see* Sadana, D.K. 93637
Freeouf, J.L. *see* Wittmer, M. 49811
Freer, M. *see* Wuosmaa, A.H. 67386
Freer, R. *see* Asokan, T. 61963
Freer, S. *see* Aydin, F.N. 68390
Freericks, M., Knoll, A. Formally correct translation of DSP algorithms specified in an asynchronous applicative language 70609
Freese, H. *see* Lee, Y.P. 97446
Freeston, I.L. *see* Scaife, J.M. 87432
Freestone, J. *see* Duerdoth, I. 88207
Frehlich, R. Coherent Doppler lidar signal covariance including wind shear and wind turbulence 99177
Frehlich, R.G. *see* Coles, W.A. 58527
Frei, B., Balmer, J.E. 1053-nm-wavelength selection in a diode-laser-pumped Nd:YLF laser 94434
Frei, D. *see* Borer, K. 76790
Frei, M.R. *see* Jong-In Song 49651
Freiburger, P.D. *see* Ng, G.C. 84247
Freidberg, J.P. *see* Shajii, A. 82498
Freidberg, J.P. *see* Shajii, A. 82500
Freidell, J.E. Status of free-space optical communications and its future applications 65829
Freidman, A. *see* Callahan, D.A. 67032
Freifelder, R., Karp, J.S., Geagan, M., Muehllehner, G. Design and performance of the HEAD PENN-PET scanner 88410
Freifelder, R., Karp, J.S., Geagan, M., Muehllehner, G. Design and performance of the HEAD PENN-PET scanner 98818
Freik, A.D. *see* Krutov, B.N. 76276
Freiman, J.F. Portable computer power sources 68860
Freiman, S.W. *see* Wong-Ng, W. 63272
Freimuth, H. *see* Abel, S. 79872
Freire, D.G. *see* Oliveira, A.R.E. 78160
Freire, J.C. *see* Castro Simas, M.I. 93381
Freire, J.C. *see* Torres, J.P. 80725
Freire, J.Costa *see* Costa Freire, J.
Freire, N.L., Douglas, S.C. Adaptive cancellation of geomagnetic background noise using a sign-error normalized LMS algorithm 88740
Freire, R.C.S., Daher, S., Deep, G.S. A highly linear single p-n junction temperature sensor 75932
Freire, R.C.S., Neto, J.S.R., Deep, G.S., Lima, A.M.N., Lobo, P.C. Experimental determination of the time constant of a thermoresistive sensor 97958
Freire, R.C.S. *see* Lima, A.M.N. 75933
Freire, T. *see* Caicedo, E.F. 79314
Freire, V.N. *see* de Carvalho, R.R.L. 81297
Freisem, S. *see* Schmitt, M. 82381
Freitag, B. *see* Brown, K. 70993
Freitag, H. *see* Leitch, R. 99632
Freitag, H.P., Plimpton, P.E., McPhaden, M.J. Evaluation of an ADCP fish-bias rejection algorithm 99272
Freitag, I., Welling, H. Investigation on amplitude and frequency noise of injection-locked diode-pumped Nd:YAG lasers 63726
Freitag, J. *see* Reynolds, Q. 81088
Freitag, R.G. *see* Cohn, M. 80833
Freitas, J.A., Jr., Doverspike, K., Klein, P.B., Khong, Y.L., Collins, A.T. Luminescence studies of nitrogen- and boron-doped diamond films 71083
Freitas, J.A., Jr. *see* Rao, M.V. 91421
Freitas, L.C.de *see* de Freitas, L.C.
Freitas, P.P., Leal, J.L., Melo, L.V., Oliveira, N.J., Rodrigues, L., Sousa, A.T. Spin-valve sensors exchange-biased by ultrathin TbCo films 75948
Freitas, P.P., Leal, J.L., Plaskett, T.S., Melo, L.V., Soares, J.C. Spin-valve structures exchange biased with a-$Tb_{0.23}Co_{0.77}$ layers 71977
Freiwald, D.A. IRCM and laser technology advancements 99404
Frejlich, J. *see* Barbosa, E.A. 83346
Frejlich, J. *see* Freschi, A.A. 83301
Frekers, D. *see* Aoki, S. 53304
Freking, W., Wei Yang, Ghiasi, A., Gopinath, A. External cavity semiconductor laser for modulation beyond its relaxation oscillation frequency 83140
Freltoft, T. *see* Han, Z. 63274
Fremont, H. *see* Marc, F. 61689
Fremouw, E.J. *see* Secan, J.A. 73336
French, C.L. *see* Davies, G.J. 91511
French, D. *see* Assadian, M. 59719
French, G.W. *see* Appell, G.F. 59577
French, I.D. *see* Oversluizen, G. 48985
French, J. *see* Collins, K.J. 99285
French, J.C. *see* Karpovich, J.F. 86644
French, K.W. *see* Bowen, L.J. 56159
French, K.W. *see* Bowen, L.J. 99338
French, M.J., Lovell, M.J., Murray, P. An ASIC readout system for PAD detectors 59202
French, M.L., Chun-Yu Chen, Sathianathan, H., White, M.H. Design and scaling of a SONOS multidielectric device for nonvolatile memory applications 80327
French, N.H.F., Kasischke, E.S., Bourgeau-Chavez, L.L. Multi-sensor analysis of the effects of fire in the Alaskan boreal forest 87135
French, N.H.F. *see* Kasischke, E.S. 59601
French, P. *see* Huang, A. 82779
French, P.J., van Drieenhuizen, B.P., Poenar, D., Goosen, J.F.L., Sarro, P.M., Wolffenbuttel, R.F. Low-stress polysilicon process compatible with standard device processing 87082
French, P.J. *see* Aratani, K. 56413
French, P.J. *see* Aratani, K. 63531
French, P.J. *see* Bartek, M. 58792
French, P.J. *see* Li, Y.X. 55782
French, P.J. *see* Poenar, D. 54972
French, P.M.W. *see* Barry, N.P. 94409
French, P.M.W. *see* Conlon, P.J. 56658
French, P.M.W. *see* Conlon, P.J. 94383
French, P.M.W. *see* Ruan, S. 72767
French, P.M.W. *see* Ruan, S. 83014
French, R.H. *see* Yet-Ming Chiang 70937
French, S. *see* Baugher, M. 65236
Frenette, N.J.P. *see* Grant, J.C. 73430
Frenette, R.O. *see* Rogers, J.L. 91437
Frenk, A. *see* Picasso, M. 50989
Frenkel, A. Novel high T_c nonbolometric superconducting detectors 63309
Frenkel, A., Zhang, Z.M. Broadband high-optical-density filters in the infrared 94235
Frenkel, A.C. *see* Kim, J.G. 71101
Frenkel, D. Computation challenges in complex liquids: entropy-driven phase transitions 69696
Frenkel, J. *see* Shub, Y. 88651
Frenkel, M. Making the image dance 75757
Frenken, J.W.M. *see* Zagwijn, P.M. 98597
Frenken, R.M.L. *see* Morshuis, P.H.F. 93697
Frenklach, M. *see* Skokov, S. 55763
Frensley, W.R. *see* Deshpande, M.R. 62624
Frensley, W.R. *see* Fernando, C.L. 62667
Frensley, W.R. *see* Huber, J.L. 62668
Frensley, W.R. *see* Macks, L.D. 81797
Frentzel, R. Computer simulation for evaluation of lightning protection concepts 89359
Frenz, M. *see* Helfer, D. 53445
Frenzel, B.-C. *see* Lang, M. 95425
Frenzel, J.F. Genetic algorithms 54696
Frenzel, J.F. Power-supply current diagnosis of VLSI circuits 62933
Frenzel, R. *see* Rupp, M. 51452
Frerichs, C., Tauermann, T. Q-switched operation of laser diode pumped erbium-doped fluorozirconate fibre laser operating at 2.7 μm 56657
Frerichs, Ch. Efficient Er^{3+}-doped CW fluorozirconate fiber laser operating at 2.7 μm pumped at 980 nm 56660
Frericks, M.J. *see* le Grand, J.B. 67410
Freris, L.L. *see* Iqbal, M.T. 68497
Frerking, M.A. *see* Choudhury, D. 49961
Frerking, M.A. *see* Choudhury, D. 55392
Frerking, M.A. *see* Choudhury, D. 80705
Fresa, R. *see* Albanese, R. 73265
Fresa, R. *see* Albanese, R. 83429
Freschi, A.A., Frejlich, J. Stabilized photorefractive modulation recording beyond 100% diffraction efficiency in $LiNbO_3$:Fe crystals 83301
Freschi, D.J. *see* Bonner, W.A. 91520
Fresina, M.T. *see* Jackson, S.L. 54898
Fresina, M.T. *see* Jackson, S.L. 55713
Fresina, M.T. *see* Stockman, S.A. 49974
Fresina, M.T. *see* Stockman, S.A. 79925
Fretel, E. *see* Guellati, S. 83237
Fretwurst, E. *see* Bates, S.J. 53308
Fretwurst, E. *see* Borer, K. 53347
Fretwurst, E. *see* Feick, H. 98611
Fretwurst, E. *see* Schulz, T. 88105
Freudenberg, J.S. *see* Elta, M. 62443
Freudenberg, J.S. *see* Elta, M.E. 62432
Freudenberg, J.S. *see* Rashap, B.A. 81504
Freudenthal, A. *see* Lai, R. 92521
Freudenthal, W. *see* Mussman, H. 75424
Freudiger, G. *see* King, K. 55457
Freund, H.P., Jackson, R.H. Wiggler imperfections in free-electron lasers 50870
Freund, H.P., Jackson, R.H., Pershing, D.E. The nonlinear analysis of self-field effects in free-electron lasers 50875
Freund, H.P., Jackson, R.H., Pershing, D.E., Taccetti, J.M. Nonlinear theory of the free-electron laser based upon a coaxial hybrid wiggler 63892
Freund, H.P. *see* Jackson, R.H. 53118
Freund, H.P. *see* Levush, B. 50871
Freund, H.P. *see* Pershing, D.E. 92886
Freund, H.P. *see* Vanderplaats, N.R. 71048
Freund, J., Probst, O., Grafstrom, S., Dey, S., Kowalski, J., Neumann, R., Wortge, M., zu Putlitz, G. Scanning tunneling microscopy of liquid crystals, perylene-tetracarboxylic-dianhydride, and phthalocyanine 61406
Freund, J.M. *see* Lentine, A.L. 56420
Freund, J.M. *see* Lentine, A.L. 86022
Freund, J.M. *see* Morgan, R.A. 87390
Freund, J.M. *see* Woodward, T.K. 63617
Freund, L.B. *see* Bower, A.F. 62543
Freund, R.F. *see* Song Chen 52164
Freund, R.S. *see* Grober, L.H. 54838
Freund, R.S. *see* Hong, M. 56770
Freund, R.S. *see* Hong, M. 81480
Freund, R.W. A look-ahead Bareiss algorithm for general Toeplitz matrices 69833
Freund, R.W. The Hitachi Network Co-Processor—improving NFS performance in mainframe client-server environments 74914
Freund, R.W., Feldmann, P. Efficient small-signal circuit analysis and sensitivity computations with the PVL algorithm 91828
Freund, R.W. *see* Feldmann, P. 91736
Freundlich, A., Vilela, M.F., Bensaoula, A., Medelci, N. Very high peak current CBE grown InGaAs tunnel junction for InP/InGaAs tandem cells fabricated on InP, GaAs, and Si substrates 100670
Freundlich, A. *see* Bensaoula, A. 60476
Freundlich, A. *see* Bensaoula, A.H. 54849
Freundlich, A. *see* Vilela, M.F. 60471
Frever, J. *see* Bauer, T. 55401
Frey, D.R., Norman, O. On an integral equation approach to the steady-state problem in nonlinear circuits 49122
Frey, E.C. *see* Beekman, F.J. 88439
Frey, H. *see* Pietila, T. 88493
Frey, J. Education for engineering in Japan 54385
Frey, J. *see* Zezhong Peng, J. 49411
Frey, L. *see* Biro, L.P. 49859
Frey, M. Expanded program for calculating the neutral conductor current 78118
Frey, M.D. *see* Munzel, N. 81617
Frey, R. *see* Arodzero, A. 59076
Frey, R. *see* Baggs, R. 76791
Frey, R. *see* Vanhaudenarde, A. 83255
Frey, W.J., Graf, J.G., Moore, B. Installation and operating experience of a 350HP AC drive for harmonic reduction 79059
Freye, R. *see* Fouckhardt, H. 65778
Freyer, J. *see* Tschernitz, M. 61922
Freyhardt, H.C. *see* Usoskin, A.I. 91586
Freytag, D. *see* Baggs, R. 76791
Frezza, F., Guglielmi, M., Lampariello, P. Millimetre-wave leaky-wave antennas based on slitted asymmetric ridge waveguides 57265
Frezza, F. *see* Dantoni, F. 70850
Frezza, F. *see* Di Nallo, C. 80606
Frezza, F. *see* Di Nallo, C. 94925
Frezza, F. *see* Shigesawa, H. 73530
Frezza, R. *see* Soatto, S. 96019
Frias, R. *see* Celata, C.M. 87832
Frick, A., von Westerholt, E., de Fornel, B. Nonlinear control of induction motors via input-output decoupling 90484
Fricke, A., Stareev, G., Kummetz, T., Sowada, D., Mahnss, J., Kowalsky, W., Ebeling, K.J. 1.09-eV Schottky barrier height of nearly ideal Pt/Au contacts directly deposited on n- and p^+n-$Al_{0.48}In_{0.52}As$ layers 71210
Fricke, C. *see* Hoffmann, A. 71303
Fricke, C. *see* Krause, E. 61376
Fricke, C. *see* Taudt, W. 70000
Fricke, D.C. Making computers work for people 89431
Fricke, J. *see* Korner, W. 94209
Fricke, J. *see* Krauss, O. 53558
Fricke, J. *see* Zobel, W. 66710
Fricke, K. *see* Krozer, V. 92533
Fricke, K. *see* Schweeger, G. 75960
Friday, A. *see* Cheverst, K. 52107
Friday, W. *see* Sanghadasa, M. 58471
Friday, W.A., Hudson, T.D., Kirsch, J.C. Optical processing at MICOM 53569
Friday, W.A. *see* Sanghadasa, M. 75587
Friddell, K. *see* Dowell, D. 76384
Fridman, S.V. *see* Afraimovich, E.L. 67805
Friebele, E.J., Askins, C.G., Putnam, M.A., Fosha, A.A., Jr., Florio, J., Jr., Donti, R.P., Blosser, R.G. Distributed strain sensing with fibre Bragg grating arrays embedded in CRTM composites 98032
Friebele, E.J. *see* Askins, C.G. 50505
Friebele, E.J. *see* Askins, C.G. 98054

Friebele, E.J. *see* Davis, M.A. 98056
Friebele, E.J. *see* Griscom, D.L. 72306
Friebele, E.J. *see* Griscom, D.L. 72315
Friebele, E.J. *see* Sirkis, J. 98059
Friebele, E.J. *see* Sirkis, J.S. 99042
Friebele, E.J. *see* Tsai, T.E. 63393
Friebele, E.J. *see* West, R.H. 63370
Friebele, E.J. *see* Williams, G.M. 63403
Friebele, J. *see* Sirkis, J. 52932
Fried, M. *see* Lohner, T. 49857
Friede, D., Lessard, P. Improve your sputter process by better water vapor pumping 91605
Frieden, B.R. Turbulent image reconstruction using object power spectrum information 64836
Frieden, M. *see* Nunes, M.S. 52279
Frieden, R. WARC-92 and low earth orbiting satellites: A case study of the process for accommodating spectrum requirements of new technologies 86287
Friederichs, K.-J., Kovats, J. Error performance of block coded multilevel QAM systems with nonlinear distortions 57365
Friedland, E., Hayes, M., Kalbitzer, S., Oberschachtsiek, P. Range parameters of ^{13}C implants in semiconductor and metal targets 49855
Friedland, K.J. *see* Takagaki, Y. 62173
Friedlander, B. Some issues in "blind" array calibration 95531
Friedlander, B., Weiss, A.J. The resolution threshold of a direction-finding algorithm for diversely polarized arrays 74076
Friedlander, B., Weiss, A.J. Effects of model errors on signal reconstruction using a sensor array 84534
Friedlander, B. *see* Peleg, S. 84505
Friedlander, B. *see* Scharf, L.L. 74200
Friedlander, B. *see* Weiss, A.J. 64495
Friedlander, B. *see* Weiss, A.J. 64499
Friedlander, B. *see* Weiss, A.J. 84532
Friedlander, B. *see* Weiss, A.J. 95620
Friedlander, B. *see* Yuen, N. 95552
Friedlander, B. *see* Zeira, A. 95538
Friedlander, F. Analysis of waveguide-loaded klystron cavities 62115
Friedlmeier, G., Wierse, M., Groll, M. Titanium hydride for high-temperature thermal energy storage in solar-thermal power stations 89745
Friedly, V.J. *see* Xiaohang Peng 53523
Friedly, V.J. *see* Xiaohang Peng 57055
Friedman, A., Bozoki, E. Use of eigenvectors in understanding and correcting storage ring orbits 53132
Friedman, A., Bozoki, E. Eigenvector method for optimized orbit correction 98400
Friedman, A., Bozoki, E., Singh, O., Smith, J. A digital feedback system for orbit stabilization 76481
Friedman, A., Krinsky, S., Yu, L.H. FEL gain reduction due to wiggler errors 72931
Friedman, A., Zhang, X., Krinsky, S., Blum, E.B., Halbach, K. Polarized wiggler for NSLS X-ray ring 67218
Friedman, A. *see* Bozoki, E. 66870
Friedman, A. *see* Bozoki, E. 98407
Friedman, A. *see* Yu, S. 67027
Friedman, A.D. *see* Kuperman, G.G. 88696
Friedman, D. *see* Chan, M.H.L. 68049
Friedman, D.J., Kurtz, S.R., Bertness, K.A., Kibbler, A.E., Kramer, C., Emery, K., Field, H., Olson, J.M. GaInP/GaAs tandem concentrator cells 90444
Friedman, D.J., Yang, W. An interline CCD imaging array with on-chip A/D conversion 66462
Friedman, D.J. *see* Bertness, K.A. 78829
Friedman, D.J. *see* Bertness, K.A. 90412
Friedman, D.J. *see* Kurtz, S.R. 55730
Friedman, D.S. *see* Stetina, F. 77307
Friedman, J. *see* Cain, M. 85588
Friedman, L. *see* Soref, R.A. 72440
Friedman, L. *see* Soref, R.A. 81296
Friedman, M. *see* D'Agostino, J. 66499
Friedman, M.A. *see* Bush, S.A. 89600
Friedman, P.A. The adaptive multidimensional data acquisition in physical experiments 75870
Friedman, P.S., Stoller, R.A. Low cost, large area, high resolution, full color ac plasma cockpit displays 76126
Friedman, S.D. *see* Morrissey, P.F. 58834
Friedman, S.P., Thaisz, J., Thomas, P.P. Launching the information superhighway 58252
Friedman, V. A zero crossing algorithm for the estimation of the frequency of a single sinusoid in white noise 64508
Friedmann, T.A. *see* McCarty, K.F. 91431
Friedmann, T.A. *see* Medlin, D.L. 70126
Friedrich, B. Large-scale production and quality assurance of hydrogen storage (battery) alloys 68967
Friedrich, C.R. *see* Gao, R.X. 99375
Friedrich, C.R. *see* Rao, B.C. 98316
Friedrich, G. Electromagnetic environment compatibility in public discussion 77082
Friedrich, G. *see* Pietzsch, H. 68152
Friedrich, J. *see* Mentz, E. 94670
Friedrich, K. *see* Kessler, Th. 56212
Friedrich, M. *see* Magele, C. 51041
Friedrichs, C., Hulsey, G. The effects of temperature and RF power level on the tuning of the water-cooled SSC Low-Energy Booster cavity 67069
Friedrichs, C. *see* Coleman, P. 67076
Friedrichs, P., Burte, E.P., Schorner, R. Dielectric strength of thermal oxides on 6H-SiC and 4H-SiC 82126
Friehe, C.A. *see* Fuehrer, P.L. 99207
Friehe, C.A. *see* Payne, G.A. 99206
Friehe, C.A. *see* Weissman, D.E. 67847
Friel, E.M. *see* Pasala, K.M. 95475
Friel, S. *see* Gardner, J.W. 58880
Friemel, B.H. *see* Walker, W.F. 98769
Friemelt, K. *see* Lux-Steiner, M.C. 100454
Friend, B. *see* Aoki, S. 53304
Friend, R.H. *see* Greenham, N.C. 94297
Friends, M. *see* Lindquist, R.G. 56453
Fries, D.C., Kaiser, M., Rohr, S. Position-sensitive fiber readout 98535
Fries, T. *see* Varichenko, V.S. 71079
Fries Carr, S. *see* Tsao, B.H. 92642
Friese, J. Safeguarding high-speed transmission 52080
Friese, J., Gillitzer, A., Korner, H.J., Reinhold, J., Peter, M., Maier, M.R. The SISWICH, a detector telescope with intrinsic calibration 87970
Friese, J. *see* Ciric, M. 59198
Friesel, D. *see* Ellison, M. 66909
Friesel, D. *see* Li, D. 98409
Friesel, D. *see* Liu, J.Y. 98399
Friesel, D. *see* Syphers, M.J. 66966
Friesel, D. *see* Wang, Y. 66910
Friesel, D. *see* Wedekind, M. 76732
Friesem, A.A. *see* Gorodeisky, S. 51713
Friesem, A.A. *see* Peled, A. 73163
Friesem, A.A. *see* Weiss, V. 73127
Friesem, A.A. *see* Weiss, V. 83365
Friesen, V.J. *see* Hassanein, H.S. 96652
Friesenhahn, S.J. *see* Butler, J.F. 98816
Friesinger, G. *see* Heller, R. 82483
Frietman, E.E.E., Dekker, L., Smit, W. Massively parallel processing: optical interconnects according to a system to device approach 50622
Frietman, E.E.E. *see* Emiliani, G.M.M. 98883
Frietsch-Klarbof, M. *see* Althainz, P. 98174
Frieze, A., Molloy, M. Broadcasting in random graphs 91242
Frieze, A. *see* Cooper, C. 79603
Frieze, B. *see* Brown, B.L. 87935
Frieze, W.E. *see* Gidley, D.W. 81162
Frieziet, A. *see* Sandbank, A. 75124
Frigeri, C. Defect structures and impurity distribution inhomogeneities in LEC GaAs crystals 81235
Frigeri, C. *see* Nava, F. 98507
Fright, R. *see* Dove, R. 98752
Frigo, N.F. *see* Mazo, J.E. 57331
Frigo, N.J. A model of intermodulation distortion in non-linear multicarrier systems 52723
Frigo, S.P. *see* Niwano, M. 62465
Frigola, M. *see* Aranda, J. 57773
Frigui, H. *see* Krishnapuram, R. 51636
Frigyes, I. Application of optical methods in wireless communications 86244
Frijns, J.H.M., van Wijngaarden, A., Peeters, S. A multi-channel simultaneous data acquisition and waveform generator system designed for medical applications 59255
Friligkos, S. *see* Dimitriadis, C.A. 62145
Frings, J. *see* Bauschert, T. 85360
Frings, P.H., Oudendijk, G.N.M., Gersdorf, R., van Schalkwijk, R. The mechanical design of coils for generating high magnetic fields. A comparison between analytical results and results obtained by use of finite element methods 83543
Frings, P.H. *see* Gersdorf, R. 79511
Fripp, M., Hagood, N., Luoma, L. Distributed structural actuation with electrostrictors 82211
Frisch, J., Alley, R., Browne, M., Woods, M. Operation of a Ti:sapphire laser for the SLAC polarized electron source 72750
Frisch, J. *see* Alley, R. 72713
Frisch, J.C. *see* Clendenin, J.E. 76743
Frisch, J.C. *see* Tang, H. 71025
Frisch, J.C. *see* Yeremian, A.D. 76724
Frisch, M., Messer, H. Detection of a known transient signal of unknown scaling and arrival time 74093
Frischat, G.H. *see* Boehm, L. 63337
Frischenschlager, F. *see* Zinser, K. 78359
Frischholz, H. The LEP II RF power generation system 62098
Frischholz, H. *see* Boiteux, J.P. 76505
Frisken, S. Polarisation independent spectral inversion 97355
Frison, P., Charot, F., Gautrin, E., Lavenier, D., Quinton, P., Raimbault, F., Wagner, C. From equations to hardware. Towards the systematic mapping of algorithms onto parallel architectures 80356
Fritsch, C. *see* Sanchez, T. 70607
Fritsch, D.S., Pizer, S.M., Morse, B.S., Eberly, D.H., Liu, A. The multiscale medial axis and its applications in image registration 57678
Fritsch, D.S. *see* Pizer, S.M. 74258
Fritsch, G. *see* Keimel, J. 62414
Fritsch, J. *see* Hehl, K. 65968
Fritsch, K. *see* Bonne, U. 75914
Fritsch, T., Hanshans, S. An integrated approach to cellular mobile communication planning using traffic data prestructured by a self-organizing feature map 65620
Fritsch, T. *see* Cavanaugh, K. 68453
Fritsche, C.T., Krogh, M.L., Crist, C.E. High density harp for SSCL linac 76842
Fritschel, P.K. *see* Hello, P. 72721
Fritz, D.J. *see* Meltz, G. 63397
Fritz, I.J., Olsen, J.A., Howard, A.J., Brennan, T.M., Hammons, B.E., Vawter, G.A. Strained-layer-superlattice technology for vertical-cavity optoelectronic modulators at near-infrared wavelengths 63544
Fritz, I.J. *see* Blum, O. 54852
Fritz, I.J. *see* Blum, O. 94193
Fritz, I.J. *see* Howard, A.J. 91487
Fritz, J.N. *see* Wright, B.L. 88742
Fritz, M. Video CD, the technology, and the market: dreaming of a White Book Christmas 75764
Fritz, M.E., Daniels, B.E., de La Chapelle, M., Cross, D.A., Van Ausdal, A.W. The STAR-FODB (Fiber-Optic Data Bus) program 65824
Fritz, T.A. *see* Cox, J.A. 66625
Fritze, M. *see* Poole, P.J. 93159
Fritzel, T. *see* Steiner, H.-J. 57228
Fritzinger, L.B. *see* Kamgar, A. 71820
Fritzsche, D. *see* Heedt, C. 93492
Fritzsche, D. *see* Ressel, P. 81336
Fritzsche, L. *see* Schade, L. 74757
Frize, M. Longitudinal study of clinical engineering departments in industrialised countries 1988 to 1991 67426
Frize, M., Cheng, M. Technical services for healthcare facilities: a model for developing countries 67427
Frlan, E., Janz, S., Chatenoud, F., Normandin, R., Stubbs, M.G., Wight, J.S. Generation of tunable, CW, microwave radiation in X-band by difference-frequency mixing 50960
Frlan, E., Janz, S., Chatenoud, F., Normandin, R., Stubbs, M.G., Wight, J.S. CW microwave generation by optical downconversion in a nonlinear $Al_xGa_{1-x}As$ waveguide 80659
Frlan, E., Wight, J.S., Janz, S., Dai, H., Chatenoud, F., Buchanan, M., Normandin, R. High-resolution surface-emitting spectrometer and deformation sensors with nonlinear waveguides 97955
Froberg, N.M., Raybon, G., Johnson, A.M., Chen, Y.K., Tanbun-Ek, T., Logan, R.A., Tate, A., Sargent, A.M., Wecht, K., Sciortino, P.F., Jr. Pulse generation by harmonic modulation of an integrated DBR laser-modulator 50820
Froberg, N.M., Raybon, G., Koren, U., Miller, B.I., Young, M.G., Chien, M., Harvey, G.T., Gnauck, A., Johnson, A.M. Generation of 12.5 Gbit/s soliton data stream with an integrated laser-modulator transmitter 97318
Froberg, N.M. *see* Chen, Y.K. 72896
Froc, G. *see* Dumont, M. 56293
Frochtenicht, W. *see* Gruber, A. 88256
Frochtenicht, W. *see* Kiesling, C. 88254
Frochtenicht, W. *see* Kramerkamper, T. 88257
Frochtenicht, W. *see* Ribarics, P. 88255
Frodge, S.L. *see* Cannon, M.E. 65731
Frodigh, M. Bounds on the performance of DCA-algorithms in highway microcellular systems 75319
Frodigh, M. *see* Zander, J. 86099
Froehly, C. *see* Barthelemy, A. 56851
Froehly, C. *see* Colombeau, B. 83023
Froehly, C. *see* Couderc, V. 72952
Froehly, C. *see* Gindre, D. 94620
Froehly, C. *see* Maillotte, H. 63986
Froehly, C. *see* Maillotte, H. 63987
Froehly, C. *see* Pokrovskii, S. 94073
Froehly, C. *see* Reineix, A. 73078
Froelicher, M. *see* Tirole, N. 98348
Frohberg, W., Helbig, K., Sturz, H. Introduction of ATM (Asynchronous Transfer Mode) into public telecommunications networks 57947
Frohleke, N. *see* Ludeke, H.-P. 68728
Frohleke, N. *see* Sun, J. 100374
Frohlich, H.-J. *see* Enderlein, J. 66199
Frohlich, K. *see* Gomory, F. 98266
Frohlich, K. *see* Wagner, H. 90256
Frohnhoff, S. *see* Kolter, M. 100699
Froidevaux, L. *see* Redaelli, G. 77398
Froidure, J.-C. *see* Megret, P. 86407
Froidure, J.C. *see* Jaunart, E. 50468
Froidure, J.C. *see* Jaunart, E. 82566
Froidure, J.C. *see* Jaunart, E. 82996
Froitzheim, K., Schulthess, P., Sweeney, S. Abstract Personal Communications Manager (APCM) 52235
Frolind, P.O. *see* Gustavsson, A. 75616
Frollo, I. *see* Senaj, V. 67514
Frolov, A.V., Tsygankov, V.N., Ermuratskii, P.V. Analysis of resistivity dependencies of oxide compounds on their composition 92635
Frolov, S.A. An algorithm for automatic voltage distribution bus layout in LSI design 56051
Frolov, V.L. *see* Leyser, T.B. 94822
Frolund, S. *see* Agha, G. 85341
From, M. *see* Heinrich, B. 63185
Fromen, C.W. *see* Kezunovic, M. 78201
Fromen, C.W. *see* McElray, J.L. 78228
Froment, M. *see* Ortega-Borges, R. 79875

Fromhein, O. *see* Strohrmann, M. 66189
Fromhold, T.M., Eaves, L., Sheard, F.W., Foster, T.J., Leadbeater, M.L., Main, P.C. Quantum chaos in resonant tunneling diodes 81796
Fromhold, T.M., Leadbeater, M.L., Eaves, L., Foster, T.J., Sheard, F.W., Main, P.C., McDonnell, P.J., Fogarty, A. Magnetotunnelling spectroscopy: an experimental tool for studying chaos in quantum transport 62670
Fromhold, T.M. *see* Martin, P.M. 62671
Fromhold, T.M. *see* Qin, G. 49996
Fromm, U. *see* Kreuger, F.H. 50115
Fromm, U. *see* Kreuger, F.H. 82131
Frommer, J. *see* Meyer, E. 71069
Fromont, T. *see* O'Mathuna, S.C. 79335
Frontera, F., Dal Fiume, D., Landini, G., Artina, E., Biserni, M., Chiaverini, V., Monzani, F., Costa, E., Butler, R.C. The high energy experiment PDS (=phoswich detection system) on board the X-ray astronomy satellite SAX 76828
Frontera, F., Del Guerra, A., Gambaccini, M., Marziani, M., Pasqualini, G., Franceschini, T., Landini, G., Silvestri, S. Hard X-ray (15 keV) facility for calibration of space astronomy experiments 76862
Frose, D., Kollewe, D. Production and analysis of buried nitride layers in Si/SiO_2 with ion beam methods 49861
Frosio, G., Dandliker, R. Reciprocal reflection interferometer for a fiber-optic Faraday current sensor 87249
Frossl, J. *see* Feldbusch, F. 80313
Frosssl, J., Kropf, T. A new model to uniformly represent the function and timing of MOS circuits and its application to VHDL simulation 49222
Frost, A.C. Earthing and bonding to the 16th Edition Wiring Regulations 53800
Frost, C.A. *see* Aurand, J.F. 87031
Frost, C.R. *see* Leech, P.W. 49870
Frost, D.C. *see* Nafalski, A. 68671
Frost, G., Shipbaugh, C. GPS targeting methods for non-lethal systems 67966
Frost, H.J., Thompson, C.V. Modeling of microstructures and their effect on interconnect reliability 71405
Frost, H.M. *see* Birch, J.R. 76149
Frost, J. *see* Sano, A. 50262
Frost, J.E.F., Castleton, I.M., Liang, C.-T., Pepper, M., Ritchie, D.A., Linfield, E.H., Ford, C.J.B., Smith, C.G., Jones, G.A.C. One-dimensional ballistic channel with a triple-barrier longitudinal potential: measurement and model 62910
Frost, S.E., Takala, J.M. Internal dosimetry in the Canadian uranium industry 99013
Frost, W. *see* Lakner, H. 81314
Frouin, F. *see* Benali, H. 64823
Frouin, V., Mangin, J.-F., Regis, J., Bendriem, B. A 3-D interactive editor for brain cortical sulcal anatomy labelling 76948
Frova, A. *see* Emiliani, V. 62237
Frova, A. *see* Ying-Lan Chang 55593
Frowd, R. *see* Piekutowski, M.R. 53957
Frowd, R.J. *see* Piekutowski, M. 78489
Fruchart, D. *see* Tomey, E. 72021
Fruchart, J.M. *see* Bidan, G. 49018
Fruehauf, G.L. *see* Lin, Y.J. 89608
Fruh, R. *see* Decurnex, Ch. 53899
Fruhauf, U., Kranz, E.G. Analysis of algorithms for digital test signal generation 76111
Frullone, M., Riva, G., Grazioso, P., Missiroli, M. Comparisons of multiple access schemes for personal communication systems in a mixed cellular environment 51792
Frumento, P. *see* Barabino, M. 89617
Frumkin, I. *see* Breskin, A. 87993
Frund, J.D. *see* Jobling, D.T. 85973
Frunzio, L. *see* Cristiano, R. 63296
Frunzio, L. *see* Cristiano, R. 63311
Frutos, J.de *see* de Frutos, J.
Fry, A. *see* Kit Po Wong 60035
Fry, C.A. *see* Weiland, M.Z. 99081
Fry, M. Practical trade-offs for open interconnection 51858
Fry, M. *see* Seneviratne, A. 74866
Frye, G.C., Martin, S.J. Velocity and attenuation effects in acoustic wave chemical sensors 93849
Frye, G.C. *see* Martin, S.J. 87152
Frye, R. *see* Gabara, T. 49201
Frye, R. *see* Gabara, T. 54526
Frye, R.C. Balancing performance and cost in CMOS-based thin film multichip modules 54507
Frye, R.C. Physical scaling and interconnection delays in multichip modules 54534
Frye, R.C. *see* Day, R.-L. 48680
Frye, R.C. *see* Rietman, E.A. 62474
Fryer, T.D. *see* McNeil, P.A. 88406
Frystyk Nielsen, H. *see* Berners-Lee, T. 85638
Fthenakis, V.M., Moskowitz, P.D. Control of particulate and gas emissions in photovoltaic module manufacture 100760
Fthenakis, V.M. *see* Moskowitz, P.D. 69502
Fu, C.C. *see* Liu, C.T. 63025
Fu, C.C. *see* Liu, C.T. 93616
Fu, C.C. *see* Yu, D.C.H. 82078
Fu, C.S. *see* Mao, J.M. 71158
Fu, H.Q. *see* Tzou, H.S. 63112
Fu, H.Q. *see* Tzou, H.S. 63113
Fu, H.Z. *see* Li, D.L. 69911
Fu, J. *see* Khoury, J. 95850
Fu, J. *see* Khoury, J. 95881
Fu, J. *see* McWaid, T.H. 76189
Fu, J. *see* Zhang, F. 57196
Fu, J.-R., Lipo, T.A. Disturbance free operation of a multiphase current regulated motor drive with an opened phase 60538
Fu, J.-R., Lipo, T.A. A strategy to isolate the switching device fault of a current regulated motor drive 68766
Fu, L.-C. *see* Lee, S.-L. 60178
Fu, M. *see* de Souza, C.E. 73942
Fu, M.C., Jian-Qiang Hu Smoothed perturbation analysis derivative estimation for Markov chains 91190
Fu, S., Kitagawa, A., Yamada, S. Simulation study on ion extraction from electron cyclotron resonance ion sources 53275
Fu, S. *see* Kitagawa, A. 53159
Fu, S. *see* Murakami, T. 76296
Fu, S.-L., Chin, T.P., Zhu, B., Tu, C.W., Lau, S.S., Asbeck, P.M. Electrical properties of He^+ ion-implanted GaInP 49772
Fu, S.J. Space Station laboratory module power loading analysis 77186
Fu, S.T., Lester, L.F., Rogers, T. Ku-band high power high efficiency pseudomorphic HEMT 80707
Fu, S.T., Yang, L.W., Ren, F., Abernathy, C.R., Pearton, S.J., Lothian, J.R. Low voltage X-band InGaP/GaAs power heterojunction bipolar transistor 92527
Fu, S.T. *see* Hwang, K.C. 55399
Fu, S.T. *see* Ren, F. 93351
Fu, S.T. *see* Yang, L.W. 62715
Fu, T.L. Optimize the performance of pager antennas 75278
Fu, W., Metaxas, A. Numerical prediction of three-dimensional power density distributions in a multi-mode cavity 73447
Fu, W.B., Metaxas, A.C. Numerical prediction of three-dimensional temperature distributions inside a microwave oven using the method of lines 54265
Fu, Y., Willander, M. Theoretical studies of the optical characteristics of the resonant tunneling light-emitting diode 82843
Fu, Y., Williams, G.A. Asymptotic behavior of order statistic least mean square (OSLMS) algorithms in nonGaussian environments 84317
Fu, Y., Yala, S., Robyns, B., Labrique, F., Buyse, H. Discretization problems related to a fully digital control system for PM synchronous actuators 90324
Fu, Y. *see* Wenlan Xu 66363
Fu, Z.S. *see* Bai, J.Z. 53324
Fu, Z.X. *see* Boldea, I. 78891
Fu, Z.X. *see* Nasar, S.A. 78656
Fu Chiayu *see* Chiayu Fu
Fu Chong-Cheng *see* Chong-Cheng Fu
Fu Dehui *see* Zhang Yueqing 83394
Fu Delian *see* Ni Guoqiang 92909
Fu Ensheng *see* Xie Jialin 72933
Fu Haifan, Chu Qing, He Yanhui, Sun Qin The application of Code Base in microcomputer remote control communication processor [software design] 68120
Fu Hao-Jen *see* Hao-Jen Fu
Fu Hong *see* Hong Fu
Fu Hong-Yuan *see* Han Zhen 79715
Fu Horng-Sen *see* Horng-Sen Fu
Fu I-Yung *see* I-Yung Fu
Fu Jen-Ren *see* Jen-Ren Fu
Fu Jianxin *see* Wang Zhongyang 93295
Fu Junmei *see* Junmei Fu
Fu Kuan-Yu *see* Kuan-Yu Fu
Fu Kuo-Chang *see* Kuo-Chang Fu
Fu Lei Tan *see* Tan Fu Lei
Fu Li, Hui Liu Statistical analysis of beam-space estimation for direction-of-arrivals 51447
Fu Li, Yang Lu Bias analysis for ESPRIT-type estimation algorithms 51502
Fu Li *see* Lee, H. 84359
Fu Li *see* Pan-Tai Liu 74129
Fu Liang *see* Liang Fu
Fu Liyan, Olsen, S.I. Restoration of motion blurred images by MDL and piecewise constant image model 95928
Fu Panming *see* Panming Fu
Fu Ping *see* Zhang Zhongting 97772
Fu Qiang *see* Guo Qingding 100085
Fu Qiang *see* Guo Qingding 100811
Fu Qiang *see* Liu Yang 87009
Fu Qiang *see* Wang Limei 100172
Fu Rulian *see* Chang Shengjiang 56627
Fu Shen-Li *see* Shen-Li Fu
Fu Shih-Tsang *see* Shih-Tsang Fu
Fu Shiyou *see* Wang Yunshan 57030
Fu Shuti, Hu Jiaxiao, Ni Yixin, Chen Jianlin, Xu Youfang, Zhao Zunlin A practical on-line transient stability program 59825
Fu Shuti, Wang Mingjun, Wu Yusheng An approach of object oriented database for open energy management system 89113
Fu Tianxiong *see* Tianxiong Fu
Fu Wei The design of internally matched power GaAs MESFET based on large-signal method 81954
Fu Weixing, Liu Zhaoxu, Xu Bowen Security cuts and optimal expansion planning of transmission networks 78039
Fu Ye *see* Ye Fu
Fu Yonglai, Ruan Yongfeng, Wan Liangfeng Laser operation and tunable output of F_2^+ color centers in LiP crystal at room temperature 50788
Fu Zhibao *see* Zhibao Fu
Fu Zhong Software model of power communication network management 96473
Fu-Fa Chen, Murray, J. Noise tolerant elastic matching model 64661
Fu-Jeng Lin *see* Wei-Tou Ni 86822
Fu-Ming Li *see* Zhong-Min Ren 48961
Fu-Ming Yang, Nasunjilegal, B., Jian-Li Wang, Hua-Yong Pan, Wei-Dong Qing, Ru-Wen Zhao, Bo-Ping Hu, Yi-Zhong Wang, Gui-Chuan Liu, Hong-Shuo Li, Cadogan, J.M. Magnetic properties of a novel $Sm_3(Fe,Ti)_{29}N_y$ nitride 82247
Fu-Ming Yang *see* Bo-Ping Hu 82259
Fu-Pen Chiang *see* Machida, K. 95984
Fu-Quan Wang *see* Malladi, S.S. 51348
Fu-Xi Dang *see* Dang Fu-Xi
Fua, P. *see* Neuenschwander, W. 74601
Fub, S. *see* Jochmann, M. 59194
Fubini, A. *see* Greife, U. 98550
Fucheng Lin *see* Hoping Zeng 72963
Fucheng Lin *see* Lin Fucheng
Fuchi, Y., Tanaka, M.H., Kubono, S., Kawashima, H., Takaku, U., Ichihara, T. High-resolution, two-dimensional focal-plane detectors for intermediate-energy heavy ions 59134
Fuchigami, G. *see* Nakaegawa, T. 67859
Fuchigami, H. *see* Akiba, K. 85995
Fuchigami, H. *see* Uno, Y. 96427
Fuchigami, T. *see* Wakui, Y. 52524
Fuchs, A.M., Anghel, A., Jakob, B., Pasztor, G., Vecsey, G., Wesche, R. Development of binary superconducting current leads with a gas cooled normal part 94005
Fuchs, C., Benjamini, Y. Multivariate profile charts for statistical process control 91118
Fuchs, C. *see* Fogarassy, E. 61322
Fuchs, C. *see* Fogarassy, E. 79936
Fuchs, D. *see* Bavdaz, M. 67408
Fuchs, E.F. *see* Fardoun, A.A. 78888
Fuchs, G. *see* Reissner, M. 72209
Fuchs, H., Hoeg, W., Meares, D. ISO/MPEG subjective tests on multichannel audio coding systems: design and methodology 96870
Fuchs, H. *see* von Schickfus, M. 66526
Fuchs, H.-J. *see* Gotz, M. 63322
Fuchs, H.D., Itoh, K.M., Haller, E.E. Isotopically controlled germanium: a new medium for the study of carrier scattering by neutral impurities 81191
Fuchs, J.-J., Chuberre, H. A deconvolution approach to source localization 64493
Fuchs, J.-J. *see* Chuberre, H. 74102
Fuchs, J.J. Shape calibration for a nominally linear equispaced array 86614
Fuchs, K., Pabst, M., Rossel, T. RESIST: a recursive test pattern generation algorithm for path delay faults 92010
Fuchs, K. *see* Vuksic, A. 49221
Fuchs, M. *see* Gabler, A.R. 67416
Fuchs, P.M. A global negative result on algebraic stability and a special positive result on linear stability of generalized IRK methods 48863
Fuchs, W.K. *see* Boppana, V. 91838
Fuchs, W.K. *see* Lee, T. 49399
Fuchs, W.Kent *see* Kent Fuchs, W.
Fuda, Y., Yoshida, T., Ohno, T., Yoshikawa, S. Ceramic actuator with three-dimensional electrode structure 50164
Fuda, Y. *see* Aburatani, H. 71908
Fuda, Y. *see* Sato, K. 97889
Fudamoto, K. *see* Kubota, T. 99708
Fudge, G.L., Linebarger, D.A. A calibrated generalized sidelobe canceller for wideband beamforming 95403
Fudge, G.L., Linebarger, D.A. Optimal array calibration to minimize signal cancellation in adaptive wideband beamformers 95536
Fuehrer, P.L., Friehe, C.A., Edwards, D.K. Frequency response of a thermistor temperature probe in air 99207
Fuente, C.de la *see* de la Fuente, C.
Fuente, L.A.De La *see* De La Fuente, L.A.
Fuente, P.de la *see* de la Fuente, P.
Fuente, R.de la *see* de la Fuente, R.
Fuentes, M. *see* Henry, J.P. 52629
Fuentes, R. *see* Fimia, A. 83350
Fuentes, R. *see* Fimia, A. 94681
Fuerschbach, P.W., Cieslak, M.J. Restraint effects in laser welding of an aluminum MMC 54538
Fuerst, C. Implementation of a management-information-system (MIS) with integrated executive-information-system (EIS) at the Warsteiner Brewery 96655
Fuerst, C.D., Brewer, E.G. Die-upset $PrCo_5$-type magnets: enhanced coercivities 71935
Fuerst, C.D., Brewer, E.G., Mishra, R.K., Yimei Zhu, Welch, D.O. Die-upset Pr-Fe-B-type magnets from melt-spun ribbons 50386
Fuest, D. *see* Dilthey, U. 50979
Fuet-Kit Lam *see* Chi-Kin Leung 95902
Fufa He *see* He Fufa

Fugenfirov, M.I. *see* Koshkin, N.L. 99981
Fuggieri, F. *see* Farilla, A. 52772
Fugitt, J. *see* Kazimi, R. 67157
Fugitt, J. *see* Krycuk, A. 67110
Fuglesang, C. *see* Alippi, C. 67381
Fuglister, F.J. On symmetric Moore geometries 69731
Fuh, A.Y.-G., Chi-Yen Huang, Bao-Wen Tzen, Chi-Ren Sheu, Yeong-Ning Chyr, Gen-Lan Lin, Tsung-Chih Ko Electrooptical device based on polymer-dispersed liquid crystal films 50575
Fuh, A.Y.-G., Chi-Yen Huang, Chi-Ren Sheu, Gen-Lan Lin, Ming-Shann Tsai A flat panel display combining a polymer-dispersed liquid crystal film with an electroluminescent device 76119
Fuh, K.-F. *see* Tzuang, C.-K.C. 83801
Fuh-Gwo Yuan *see* Sawyer, C.T. 88653
Fuhl, J., Nowak, P., Bonek, E. Improved internal antenna for hand-held terminals 96547
Fuhr, G., Fiedler, S., Muller, T., Schnelle, T., Glasser, H., Lisec, T., Wagner, B. Particle micromanipulator consisting of two orthogonal channels with travelling-wave electrode structures 57065
Fuhr, G. *see* Hagedorn, R. 100181
Fuhr, G. *see* Wagner, B. 60268
Fuhr, P.L. Single-fiber simultaneous vibration sensing and impact detection for large space structures 88684
Fuhr, P.L., Huston, D.R., Ambrose, T.P., Barker, D.A. Embedded sensors results from the Winooski One Hydroelectric Dam 98070
Fuhr, P.L. *see* Huston, D.R. 90702
Fuhrmann, D.R. Covariance estimation in non-stationary interference 97393
Fuhrmann, D.R. *see* Koerber, M.A. 84456
Fuhrmann, D.R. *see* Michal, D.P. 86548
Fuhrmann, S.W., Iliadis, I. A comparison of three random disciplines 91208
Fuhrmann, W.F., Brass, V. Performance aspects of the GSM radio subsystem 86137
Fuhua Wang, Schailey, R., McGill, J., Johnson, D., Brown, K.L. Lattice design and injection issues for the 2 TeV SSCL High Energy Booster to Collider injection lines 66952
Fuijwara, N. *see* Maruyama, T. 55761
Fuja, R. *see* White, M. 67007
Fuja, T. *see* Alajaji, F. 51347
Fuja, T.E. *see* Jian Gu 73723
Fujasaki, H. *see* Ohno, S. 84095
Fuji, H., Nakai, A., Matoba, H., Takano, H. Real-time bifocal network visualization 58068
Fuji, H. *see* Kiriha, Y. 74854
Fuji, T. *see* Tsutsumi, M. 78739
Fuji, Y. *see* Miyata, S. 61706
Fujiang Lin, Kompa, G. FET model parameter extraction based on optimization with multiplane data-fitting and bidirectional search—a new concept 70905
Fujie Chen *see* Shuming Chen 80975
Fujie Cheng *see* Wenjie Ren 80034
Fujieda, I., Okumura, F., Sera, K., Asada, H., Sekine, H. Self-referenced poly-Si TFT amplifier readout for a linear image sensor 98097
Fujieda, S. *see* Miura, Y. 81349
Fujihara, A. *see* Onda, K. 80686
Fujihara, F., Serizawa, J., Furukawa, Y. A pattern inspection system for high-density printed wiring boards 80993
Fujihara, H. *see* Simmons, D. 85660
Fujihara, K., Mori, Y., Kito, M., Otsuka, N., Ishino, M., Matsui, Y. High characteristic temperature 1.48 μm strained-layer MQW laser diode with wide bandgap barrier layers 94488
Fujihara, K. *see* Ishino, M. 97666
Fujihara, K. *see* Kito, M. 72849
Fujihara, Y. *see* Ae, T. 50623
Fujihashi, C. Detection of decision error caused by the quantum noise in an optical signal system 75466
Fujihira, M., Takano, H. Atomic force microscopy and friction force microscopy of Langmuir-Blodgett films for microlithography 71446
Fujihira, M. *see* Nishikata, Y. 56545
Fujihira, M. *see* Sakomura, M. 63570
Fujii, A., Morishima, C., Yoshida, M., Ohmori, Y., Yoshino, K. Efficient energy transfer in organic multilayer structure utilizing 8-hydroxyquinoline aluminum and aromatic diamine 94280
Fujii, A. *see* Morishima, C. 94278
Fujii, A. *see* Ohmori, Y. 72575
Fujii, A. *see* Ohmori, Y. 94279
Fujii, A. *see* Watanabe, M. 71534
Fujii, E., Uemoto, Y., Hayashi, S., Nasu, T., Shimada, Y., Matsuda, A., Kibe, M., Azuma, M., Otsuki, T., Kano, G., Scott, M., McMillan, L.D., Paz de Araujo, C.A. ULSI DRAM technology with $Ba_{0.7}Sr_{0.3}TiO_3$ film of 1.3nm equivalent SiO_2 thickness and 10^{-9} A/cm^2 leakage current 61721
Fujii, E. *see* Arita, K. 50138
Fujii, E. *see* Arita, K. 93659
Fujii, E. *see* Scott, J.F. 56122
Fujii, E. *see* Sumi, T. 93798
Fujii, H. Visualisation of retinal blood flow by laser speckle flowgraphy 67500
Fujii, H., Muraoka, H., Nakamura, Y. Perpendicular magnetic recording media on various hard-disk substrates 72122
Fujii, H., Yoshikai, N. Double search self-healing algorithm and its characteristics 96396
Fujii, H. *see* Hama, H. 93702
Fujii, H. *see* Murakami, M. 56452
Fujii, H. *see* Nakamura, Y. 72088
Fujii, H. *see* Nakanishi, T. 58594
Fujii, H. *see* Takahashi, M. 80386
Fujii, H. *see* Tomita, N. 82402
Fujii, K., Matsuoka, R., Sakanishi, K. Field experience of porcelain insulators in the Hokkaido-Honshu DC transmission line 53780
Fujii, K., Ohga, J. Recommended range of the step gain for the 'Delayed-E/X' NLMS algorithm 64405
Fujii, K., Sawai, H., Takano, Y., Sakai, T. A fabrication of 25-inch diagonal high contrast color plasma display panels 87397
Fujii, K., Tanaka, M., Nezu, Y., Sakuma, A., Leistner, A., Giardini, W. Absolute measurements of the densities of silicon crystals in vacuum for a determination of the Avogadro constant 86983
Fujii, K. *see* De Bievre, P. 86970
Fujii, K. *see* Hara, Y. 64236
Fujii, K. *see* Iso, M. 99704
Fujii, K. *see* Kinomura, A. 49832
Fujii, K. *see* Masumura, Y. 63674
Fujii, K. *see* Ogata, S. 89269
Fujii, K. *see* Sakata, S. 82927
Fujii, K. *see* Shimatani, N. 71299
Fujii, K. *see* Takeda, Y. 72680
Fujii, K.-I. *see* Sakuma, A. 97768
Fujii, M., Asari, T., Yokota, R., Kobayashi, T., Hasegawa, H. Ageing effects on a new polymeric track detector SR-90 and a model of the nuclear track formation 88202
Fujii, M. *see* Hasebe, N. 59057
Fujii, M. *see* Ilic, R. 88161
Fujii, M. *see* Wakejima, A. 54847
Fujii, N. *see* Czarnul, Z. 49187
Fujii, N. *see* Ishikawa, M. 70731
Fujii, N. *see* Ishiwata, S. 80433
Fujii, N. *see* Ismail, M. 49590
Fujii, N. *see* Mihashi, Y. 72805
Fujii, N. *see* Minato, K. 96475
Fujii, N. *see* Ono, K. 49525
Fujii, N. *see* Samadi, S. 49558
Fujii, N. *see* Samadi, S. 80490
Fujii, N. *see* Takagi, S. 49524
Fujii, N. *see* Takagi, S. 55330
Fujii, N. *see* Yoda, I. 58054
Fujii, S. Development of PC board-mount relays for automotive applications and market trends 60604
Fujii, S. Neural-network signal processing for HF ocean radar 77497
Fujii, S. *see* Hata, Y. 62921
Fujii, S. *see* Iizuka, K. 58495
Fujii, S. *see* Kondoh, A. 77526
Fujii, S. *see* Matsumura, S. 78355
Fujii, S. *see* Otsuka, K. 65663
Fujii, S. *see* Sugie, Y. 91596
Fujii, T. Optimum antenna beam tilting for cellular mobile radio systems 52384
Fujii, T. Effect of reduction of mobile communications co-channel interference by transmission power control considering received signal level correlations 58309
Fujii, T. Developing service operations for advanced telecommunication service: improving customer service 65134
Fujii, T., Fujii, T. Super frame memory for super high definition images 66049
Fujii, T., Hashimoto, S., Hori, T. Dual (n^+/p^+) polycide gate technology using Si-rich WSi_x to exterminate lateral dopant diffusion 71786
Fujii, T., Hashimoto, S., Naito, Y., Hirofuji, Y. Dual (n^+/p^+) polycide interconnect technology using poly-Si/WSi2/poly-Si structure and post B^+ implantation 63009
Fujii, T., Sameshima, K., Okada, H., Yoshida, K., Hashimoto, T., Yoshimoto, M., Fuyuki, T., Matsunami, H. Characterization of hydrogenated amorphous silicon-carbon films deposited by hybrid-plasma CVD 100593
Fujii, T., Yoshimoto, M., Fuyuki, T., Matsunami, H. Deposition of hydrogenated amorphous silicon-carbon films by vacuum ultraviolet photo-CVD 70124
Fujii, T. *see* Fujii, T. 66049
Fujii, T. *see* Fujikake, H. 94206
Fujii, T. *see* Kotani, H. 92223
Fujii, T. *see* Kotani, H. 92236
Fujii, T. *see* Nemoto, K. 94574
Fujii, T. *see* Suzuki, J. 64872
Fujii, T. *see* Tsukamoto, K. 65848
Fujii, T. *see* Yoshimine, T. 77757
Fujii, Y. On homogeneity test using estimating function 54665
Fujii, Y. *see* Ishikawa, N. 84939
Fujii, Y. *see* Kato, T. 52898
Fujii, Y. *see* Kondo, Y. 50529
Fujii, Y. *see* Kondo, Y. 63462
Fujii, Y. *see* Suemune, I. 71584
Fujii, Y. *see* Takatsuka, Y. 89675
Fujii, Y. *see* Tsutsumi, K. 50601
Fujikake, H., Takizawa, K., Kikuchi, H. Electro-optic effect of phase-transition liquid crystals separated by polymer network 82743
Fujikake, H., Takizawa, K., Kikuchi, H., Fujii, T., Kawakita, M. Uniform-microdroplet formation of polymer-dispersed liquid crystal using undercoating films 94206
Fujikake, H. *see* Takizawa, K. 56449
Fujikake, S., Ota, H., Ohsawa, M., Hama, T., Ichikawa, Y., Sakai, H. Light-induced recovery of a-Si solar cells 100598
Fujikake, S. *see* Ichikawa, Y. 100609
Fujikami, J., Shibuta, N., Sato, K., Ishii, H., Hara, T. Characteristics of the flexible high T_c cable conductor 68254
Fujikawa, H. *see* Kimura, I. 65482
Fujikawa, K. *see* Strefezza, M. 100817
Fujikawa, T. *see* Inoue, K. 78589
Fujiki, H. *see* Watanabe, M. 94464
Fujiki, K. *see* Hasebe, N. 59057
Fujiki, K. *see* Hayashi, T. 87956
Fujiki, M. *see* Hasegawa, O. 96004
Fujiki, Y. *see* Sekiguchi, N. 78515
Fujikura, K. *see* Mei, P.C. 70293
Fujikura, M., Yamada, T., Sato, T. High saturation magnetic induction amorphous Fe-Si-B alloys with improved thermal stability by addition of tin 56210
Fujimaki, A., Terai, H., Hayakawa, H. Layered structure devices with a-axis-oriented $YBa_2Cu_3O_{7-x}$ films 82366
Fujimaki, A. *see* Kusunoki, M. 72218
Fujimaki, M. *see* Igarashi, Y. 100978
Fujimaki, M. *see* Shikano, S. 96852
Fujimaki, S. *see* Kokaku, Y. 50311
Fujimori, H. Customer consulting system using multimedia information network 85433
Fujimori, K. *see* Tamaki, J. 76109
Fujimori, N. *see* Shikata, S. 93846
Fujimori, T. *see* Kurino, H. 62857
Fujimoto, H., Fukuda, M., Tabata, H. Sensitivity study of human errors as a basis for human error reductions on new safety system design 89492
Fujimoto, H., Tanaka, M., Nakayama, K. Noise reduction in an optical interferometer for picometer measurements 87534
Fujimoto, H., Tokunaga, H., Iritani, H. A high-powered AC plasma torch for the arc heating of molten steel in the tundish 79042
Fujimoto, H. *see* Kunihisa, T. 80783
Fujimoto, H. *see* Maeda, M. 97066
Fujimoto, H. *see* Miyamoto, M. 76192
Fujimoto, H. *see* Nakayama, K. 86984
Fujimoto, H. *see* Ota, Y. 56085
Fujimoto, H. *see* Tanabe, M. 62423
Fujimoto, J. *see* Kobayashi, Y. 71527
Fujimoto, J.G. *see* Adams, L.E. 97228
Fujimoto, J.G. *see* Sanders, G.D. 94456
Fujimoto, K., Nakabeppu, F., Sogawa, Y., Okayasu, Y., Kumagai, K. Development of thin film silicon solar cells using PCVD process 100615
Fujimoto, K., Sasaki, H., Togami, T., Odaka, A. A construction of low-power ternary negative gate circuits 80282
Fujimoto, K. *see* Sakakibara, S. 54891
Fujimoto, K. *see* Sasaki, H. 91940
Fujimoto, M., Eiju, T., Matsuda, K. Development of a real-time signal processing for laser Doppler velocimeter using liquid crystal spatial light modulator 56451
Fujimoto, M., Kariya, K. Measurement strategy of the error in the image analysis 74346
Fujimoto, M. *see* Fukano, H. 94301
Fujimoto, M. *see* Itani, T. 81623
Fujimoto, M. *see* Iwasaki, H. 81626
Fujimoto, M. *see* Katsumata, I. 53264
Fujimoto, M. *see* Nakata, J. 81477
Fujimoto, M. *see* Nojima, H. 66316
Fujimoto, M. *see* Shibata, T. 55748
Fujimoto, M. *see* Suemune, I. 71584
Fujimoto, M. *see* Suzuki, K. 83878
Fujimoto, M. *see* Suzuki, K. 93932
Fujimoto, M. *see* Tsuzuku, K. 70169
Fujimoto, R. *see* Kashiwabara, S. 98802
Fujimoto, R. *see* Nikolaidis, I. 85227
Fujimoto, R. *see* Nikolaidis, I. 85977
Fujimoto, R.M. *see* Das, S.R. 85299
Fujimoto, S. Modern technology impact on power usage in cement plants 60661
Fujimoto, S. Modern technology impact on power usage in cement plants 69287
Fujimoto, S. *see* Kazami, K. 59263
Fujimoto, S.S., Berejka, M. The rise of competing satellite systems and the fall of the Intelsat monopoly 86286
Fujimoto, T., Kambe, T. Topdown design method for optimization of MD decompression LSI 62931
Fujimoto, T., Tanaka, M., Takanami, I. Estimation of accuracy obtained from automatic picture transmission of meteorological satellite NOAA comparing with high resolution picture transmission data 77646
Fujimoto, T. *see* Izumi, M. 57636
Fujimoto, T. *see* Nakamura, T. 93963
Fujimoto, T. *see* Taguchi, M. 95045
Fujimoto, T. *see* Yanagihashi, K. 89399
Fujimoto, Y., Kawamura, A. Considerations on disturbance suppressions of sliding mode control with disturbance observer and two-degree-of-freedom control 60246

Fujimoto, Y. *see* Shibahara, K. 63017
Fujimoto, Y. *see* Unekawa, Y. 49419
Fujimoto, Y. *see* Unekawa, Y. 70548
Fujimur, S. *see* Hanaizumi, N. 77637
Fujimura, K., Yokoya, N., Yamamoto, K. Motion analysis of nonrigid objects by active contour models using multiscale images 84924
Fujimura, N., Hirayama, Z. An analysis of recent use of electronic mails in a small college 52048
Fujimura, R. *see* Nagata, H. 58561
Fujimura, S. *see* Hara, Y. 77624
Fujimura, S. *see* Ito, T. 98335
Fujimura, S. *see* Kikuchi, J. 55814
Fujimura, S. *see* Kikuchi, J. 62418
Fujimura, S. *see* Kiyasu, S. 77578
Fujimura, S. *see* Sasaki, Y. 77510
Fujimura, S. *(editor)* IGARSS '93. 1993 International Geoscience and Remote Sensing Symposium (IGARSS'93). Better Understanding of Earth Environment (Cat. No.93CH3294-6) 54347
Fujimura, Y. *see* Iwasaki, T. 94268
Fujinami, H. *see* Yashima, M. 68277
Fujinami, T. *see* Takada, K. 67566
Fujine, T. *see* Yamamoto, T. 72161
Fujino, D. *see* Tesarek, R.J. 98504
Fujino, H. *see* Ishida, M. 90176
Fujino, J. *see* Sugiura, H. 52693
Fujino, J. *see* Sugiura, H. 66060
Fujino, K., Nishimoto, Y., Tokumasu, N., Maeda, K. Low-temperature atmospheric-pressure chemical vapor deposition using 2,4,6,8-tetramethylcyclotetrasiloxane and ozone 54959
Fujino, K. *see* Sasaki, M. 67855
Fujino, M. *see* Horikoshi, Y. 54868
Fujino, S. *see* Amano, H. 60936
Fujino, S. *see* Yamaguchi, I. 93959
Fujino, S. *see* Yoshikawa, S. 93966
Fujino, T., Fujiwara, H. A method of search space pruning based on search state dominance 80052
Fujino, T. *see* Kubo, H. 57931
Fujino, T. *see* Ryoko, M. 66636
Fujino, T. *see* Ryoko, M. 100929
Fujino, Y., Ito, T., Fujita, M., Kaya, N., Matsumoto, H., Kawabata, K., Sawada, H., Onodera, T. A driving test of a small DC motor with a rectenna array 68642
Fujino, Y., Tong, C. E. Analysis of an open-ended waveguide as a probe for near field antenna measurements by using TLM method 94975
Fujino, Y. *see* Dote, Y. 100833
Fujino, Y. *see* Ikeno, H. 78385
Fujio, T. Review of Electronics Imaging Systems 75718
Fujioka, H., Nakamae, K. LSI failure analysis with CAD-linked electron beam test system and its cost evaluation 62920
Fujioka, H. *see* Miura, K. 50099
Fujioka, H. *see* Nakamae, K. 60932
Fujioka, H. *see* Nakamae, K. 62942
Fujioka, H. *see* Nakamae, K. 62972
Fujioka, H. *see* Yoshida, Y. 71323
Fujioka, K., Ushiro, T., Yamanaka, M., Inoue, A., Akagi, Y. Recent trends of advanced materials research 61218
Fujioka, M., Wakahara, Y. Consideration on common channel signaling evolution for global intelligent networking 52248
Fujioka, M. *see* Shibata, S. 98487
Fujioka, T., Tani, T., Nanbu, S. Function of LAN manager server (LM/A-VX) 85671
Fujioka, T. *see* Inoue, K. 82501
Fujioka, T. *see* Inoue, K. 94026
Fujioka, T. *see* Kohno, M. 80689
Fujioka, Y., Kameyama, M. 2400-MFLOPS reconfigurable parallel VLSI processor for robot control 49499
Fujioka, Y., Kameyama, M., Tomabechi, N. Design of a reconfigurable parallel processor for digital control using FPGAs 80390
Fujisaka, H., Sato, C. Solution of nonlinear simultaneous equation possessing transcendental functions by polynomial approximation method 79707
Fujisaki, H., Ljungqvist, M., Murata, H. Analysis and modeling of word accent and sentence intonation in Swedish 73883
Fujisaki, H. *see* Kawai, H. 95279
Fujisaki, H. *see* Ohno, S. 95358
Fujisaki, K., Tateiba, M. Numerical analysis of distortion of chirp pulse waves propagated through turbulent media 77705
Fujisaki, K. *see* Mizuno, T. 71699
Fujisaki, M. *see* Koga, J. 71782
Fujisaki, Y. *see* Anata, Y. 62508
Fujisaki, Y. *see* Shikida, M. 66301
Fujisawa, A., Iguchi, H., Hamada, Y. A study of non-ideal focus properties of 30° parallel plate energy analyzers 59040
Fujisawa, A. *see* Hamada, Y. 59041
Fujisawa, H. A cw 4-rod RFQ linac 59014
Fujisawa, H. *see* Shimizu, M. 91568
Fujisawa, K., Kubo, M., Morito, S. An application of tabu search to the graph partitioning problem and its experimental analysis 69738
Fujisawa, K. *see* Du-Yih Tsai 98853
Fujisawa, K. *see* Igari, S. 94265
Fujisawa, M. *see* Matsuyama, S. 87767
Fujisawa, N., Gotoh, F. Experimental study on the aerodynamic performance of a Savonius rotor 89764
Fujisawa, N. *see* Shimizu, M. 93707
Fujisawa, T., Hirayama, Y., Tarucha, S. AlGaAs/InGaAs/GaAs single electron transistors fabricated by Ga focused ion beam implantation 50049
Fujisawa, Y. *see* Cho, Y. 55288
Fujisawa, Y. *see* Cho, Y. 92279
Fujise, M. *see* Chiba, I. 51262
Fujise, M. *see* Konishi, Y. 64245
Fujise, M. *see* Murakami, Y. 94974
Fujise, M. *see* Takeuchi, K. 83814
Fujishima, A. *see* Yoshiki, H. 54932
Fujishima, K. *see* Asakura, M. 70560
Fujishima, K. *see* Asakura, M. 92222
Fujishima, K. *see* Asakura, M. 92235
Fujishima, K. *see* Ooishi, T. 49422
Fujishima, K. *see* Ooishi, T. 70554
Fujishima, K. *see* Suma, K. 92221
Fujishima, K. *see* Suma, K. 92238
Fujishima, K. *see* Tsukude, M. 70534
Fujishima, M., Asada, K. Proposal of standard characterization method for dynamic circuit performance 55194
Fujishima, N., Yano, Y., Nagayasu, Y., Matsuda, A. High packing density power Bi-CDMOS technology and its application for a motor driver LSI 56086
Fujishiro, H., Ikebe, R., Noto, I., Matsukawa, M., Sasaoka, T., Nomura, K., Sato, J., Kuma, S. Low thermal conductive Bi-2223 tapes sheathed with Ag-Au alloys 89291
Fujishiro, H., Kusaka, K., Ikebe, M., Ogasawara, H., Noto, K. Possibility of $Ag_2O+YBa_2Cu_3O_{7-x}$ ceramics for low temperature thermoelectric refrigeration 94038
Fujishiro, T. *see* Yanagisawa, K. 89468
Fujita, A., Harris, I.R. Magnetic anisotropy in arc-cast Nd-Fe-B-Zr alloys 50193
Fujita, A., Harris, I.R. Hydrogen absorption and desorption study of Nd-TM-B system 72026
Fujita, E. *see* Ikeda, S. 92194
Fujita, H., Akagi, H. A zero-current-switching based three-phase PWM inverter 68866
Fujita, H., Akagi, H., Kohata, M. A zero-current-switching based three-phase PWM inverter having resonant circuits on AC-side 68720
Fujita, H., Goto, M., Kito, Y. Improvement of dynamic stability in a multi-machine power system by means of SMES with active power modulation controlled by frequency deviation 99579
Fujita, H., Koyama, H., Ashi, Y. Fiber-optic transmission equipment designed for SONET systems 75438
Fujita, H., Kurebayashi, H., Nohara, H., Goto, M., Kito, Y. Loop power system control by high speed phase shifter 68098
Fujita, H., Miyashita, H., Nakamura, H., Sano, H. Accurate phase measurement in phase-shift masks with a differential heterodyne interferometer 93276
Fujita, H., Miyashita, H., Nakamura, H., Sano, H., Kimura, K., Nakanishi, H., Takizawa, H., Yamaguchi, H., Ode, T. Direct phase measurements in phase-shift masks with a differential heterodyne interferometer 62565
Fujita, H., Mogi, N. High-reliability epoxy molding compound for surface mount devices 91045
Fujita, H., Sato, C., Ogasawara, S., Akagi, H. Pulse density modulated power control of a voltage-source inverter with a series-resonant circuit suitable for corona discharge treaters 78714
Fujita, H. *see* Ataka, M. 68927
Fujita, H. *see* Furuhata, T. 60269
Fujita, H. *see* Goodman, T.W. 93568
Fujita, H. *see* Hirano, T. 52813
Fujita, H. *see* Hirano, T. 60273
Fujita, H. *see* Maeda, T. 78770
Fujita, H. *see* Ogura, T. 67465
Fujita, H. *see* Ogura, T. 98798
Fujita, H. *see* Ohmori, Y. 90548
Fujita, H. *see* Sakui, M. 60326
Fujita, H. *see* Sakui, M. 70280
Fujita, H. *see* Sakui, M. 90105
Fujita, H. *see* Shirai, T. 76407
Fujita, H. *see* Toshiyoshi, H. 56169
Fujita, H. *see* Watanabe, S. 92925
Fujita, I., Hamada, M., Osaka, K., Asano, Y., Matsuo, T., Watanabe, T. Fully automatic fusion splicer 86426
Fujita, K., Hirashita, N. Corrugated structures on Si(110) surfaces treated in ammonium fluoride solutions 81494
Fujita, K., Izumi, T., Ohsaki, K., Tambo, T., Ueba, H., Tatsuyama, C. Growth of GaSe layered compound on a GaAs (001) surface 61237
Fujita, K., Matsuda, Y., Yoshida, Y. A maximum likelihood estimation of degraded image parameters based on inhomogeneous image model 64721
Fujita, K., Muraoka, M., Hozumi, C., Tsuchiya, T., Shoji, A., Ishihara, H., Wang, J.L., Matsuo, M. Low power consumption Si monolithic microwave IC series for mobile communications 61940
Fujita, K., Sakamoto, Y., Yoshida, Y. Extraction and restoration of a motion-blurred region by means of an inhomogeneous image model 64709
Fujita, K., Shouji, A., Ishihara, N., Izumi, K. Development of 866 MHz digital cordless telephone ICs 61943
Fujita, K., Watanabe, M., Iwai, Y., Iori, N., Moriyama, J., Noda, O., Sekinishi, A., Asama, T., Mitamura, T. New PBX system for office cordless use—wireless PBX 86094
Fujita, K. *see* Ishimoto, H. 96784
Fujita, K. *see* Otsuka, K. 65663
Fujita, K. *see* Sato, H. 70563
Fujita, M., Chen, B., Yamazaki, M. A trial use of formal verification techniques for bug identification of a real chip 92087
Fujita, M., Hatake, K., Matsumura, F., Uchida, K. Experiments on the loop shaping based H_∞ control of a magnetic bearing 60207
Fujita, M., Maruyama, A., Taniguchi, T., Uchida, K. Finite horizon discrete-time H_∞ filter with application to an active vision system 84717
Fujita, M., Tsuruta, M., Kobayashi, K., Shibayama, K., Ishii, K. New system "W-VHS" VCR for multi purpose recording including HDTV 97680
Fujita, M. *see* Asakawa, M. 49737
Fujita, M. *see* Chen, B. 49220
Fujita, M. *see* Fujino, Y. 68642
Fujita, M. *see* Hashimoto, K. 83577
Fujita, M. *see* Kukimoto, Y. 91843
Fujita, M. *see* Matsumura, F. 89809
Fujita, M. *see* Murata, T. 57301
Fujita, M. *see* Ohigashi, N. 53113
Fujita, M. *see* Saeki, T. 49438
Fujita, M. *see* Sato, H. 91760
Fujita, M. *see* Sugibayashi, T. 70552
Fujita, M. *see* Sugibayashi, T. 92215
Fujita, M. *see* Tamiya, Y. 93655
Fujita, M. *see* Tanaka, M. 86260
Fujita, N., Ichie, R., Ogawa, S., Kudo, H., Fukui, C. Computer-aided protective relay setting system for large power networks 89380
Fujita, N. *see* Teshima, K. 86357
Fujita, S., Asano, T., Maehara, K., Fujita, S. Photo-assisted metalorganic vapor-phase epitaxy of blue/blue-green light emitting diode structures with ZnSe-based wide-gap semiconductors 69966
Fujita, S., Asano, T., Maehara, K., Tojyo, T., Fujita, S. Photo-assisted metalorganic vapor-phase epitaxy for nitrogen doping and fabrication of blue-green light emitting devices of ZnSe-based semiconductors 70017
Fujita, S., Kihara, T., Aoki, M., Hiroe, A., Yokomori, K. Integrated waveguide device for magneto-optical disk signal detection and its fabrication techniques 50280
Fujita, S., Matsuoka, T., Morishima, S., Mae, S. The measurement on the dielectric properties of ice at HF, VHF and microwave frequencies 77528
Fujita, S., Yuhki, N., Hino, S., Arai, Y., Akazawa, Y. Multigigabit optical interconnection LSIs 75485
Fujita, S. *see* Ae, T. 50623
Fujita, S. *see* Arai, Y. 96945
Fujita, S. *see* Fujita, S. 69966
Fujita, S. *see* Fujita, S. 70017
Fujita, S. *see* Funato, M. 91533
Fujita, S. *see* Funato, M. 91533
Fujita, S. *see* Ichino, K. 61285
Fujita, S. *see* Ichino, K. 61285
Fujita, S. *see* Misawa, S. 63433
Fujita, S. *see* Naiki, I. 92196
Fujita, S. *see* Nishikido, J. 50713
Fujita, S. *see* Sakai, H. 80870
Fujita, S. *see* Suda, J. 48940
Fujita, S. *see* Suda, J. 48940
Fujita, S. *see* Yamaguchi, S. 83072
Fujita, S. *see* Yamaguchi, S. 83072
Fujita, T., Yasuda, K., Yokoyama, R. Global optimization method using chaos in dissipative system 69777
Fujita, T. *see* Fujiwara, G. 70530
Fujita, T. *see* Kotani, H. 92223
Fujita, T. *see* Kotani, H. 92236
Fujita, T. *see* Kuroda, T. 70453
Fujita, T. *see* Miura, A. 61915
Fujita, T. *see* Miura, A. 62711
Fujita, T. *see* Sano, A. 50262
Fujita, T. *see* Suzuki, T. 92217
Fujita, T. *see* Yamauchi, H. 76140
Fujita, Y. An architecture and managed objects for intelligent network service operations 52253
Fujita, Y. Progress of HDTV cameras 75741
Fujita, Y. Space activities into the 21st century 99044
Fujita, Y. *see* Ikeda, H. 59204
Fujita, Y. *see* Katsura, T. 76327
Fujita, Y. *see* Okuno, S. 98559
Fujita, Y. *see* Saitoh, Y. 88124
Fujita, Y. *see* Saitoh, Y. 98580
Fujita, Y. *see* Sugawara, M. 75728
Fujita, Y. *see* Sugawara, M. 98108
Fujita, Y. *see* Tanaka, M. 59201
Fujita, Y. *see* Tanaka, M. 98662
Fujita, Y. *see* Toyoda, Y. 97661
Fujita, Y. *see* Tsujino, J. 77753
Fujita, Y. *see* Tsujino, J. 99373

Fujita, Y. *see* Yamashita, N. 92240
Fujita, Y. *see* Yamashita, N. 92289
Fujitani, H., Asano, S. Schottky-barrier height and electronic structure of the Si interface with metal silicides: $CoSi_2$, $NiSi_2$, and YSi_2 93047
Fujito, M. *see* Oasa, T. 49441
Fujiura, K. *see* Ohishi, Y. 72729
Fujiwaka, T. *see* Suga, T. 81116
Fujiwara, A. *see* Fukatsu, S. 55602
Fujiwara, B. *see* Lai, R. 92521
Fujiwara, B.H. *see* Javadi, H.H.S. 97217
Fujiwara, E. *see* Jiang, S. 95131
Fujiwara, E. *see* Jiang, S. 95132
Fujiwara, G., Kikukawa, H., Matsuyama, K., Agata, M., Iwanari, S., Fukumoto, M., Yamada, T., Okada, S., Fujita, T. A 200 MHz 16 Mbit synchronous DRAM with block access mode 70530
Fujiwara, H. VLSI testing 82013
Fujiwara, H., Nabeta, T., Kiryu, H., Shimizu, I. Preparation and properties of $(ZnS)_3(ZnSe)_{42}$ ordered alloys fabricated by plasma-enhanced low-temperature growth technique 79846
Fujiwara, H., Nabeta, T., Shimizu, I. Structures and properties of $(ZnS)_n(ZnSe)_m$(n=1-4) ordered alloys grown by atomic layer epitaxy 61251
Fujiwara, H., Okada, Y., Kobayashi, T., Uwabu, H., Maruyama, M. Research on specific architecture of video coding for multi-media information 84855
Fujiwara, H., Takikawa, K., Kasahara, T., Watatani, Y., Yamada, Y., Nishi, K. Scalable multi-media information distribution architecture 96440
Fujiwara, H. *see* Baba, Y. 58255
Fujiwara, H. *see* Fujino, T. 80052
Fujiwara, H. *see* Inoue, T. 92091
Fujiwara, H. *see* Kimura, I. 65482
Fujiwara, H. *see* Mameno, K. 49875
Fujiwara, H. *see* Parker, M.R. 72194
Fujiwara, K. *see* Hamanaka, M. 62525
Fujiwara, K. *see* Kamimura, M. 59459
Fujiwara, K. *see* Misawa, K. 60387
Fujiwara, K. *see* Nakata, T. 56200
Fujiwara, K. *see* Nakata, T. 63128
Fujiwara, K. *see* Nakata, T. 66659
Fujiwara, K. *see* Nakata, T. 82244
Fujiwara, K. *see* Tominaga, K. 73044
Fujiwara, M. *see* Shiragaki, T. 65545
Fujiwara, M. *see* Shiragaki, T. 82780
Fujiwara, M. *see* Suka, M. 86661
Fujiwara, N., Maruyama, T., Yoneda, M., Tsukamoto, K., Banjo, T. Effect of plasma transport on etched profiles with surface topography in diverging field electron cyclotron resonance plasma 55807
Fujiwara, N. *see* Horie, M. 98305
Fujiwara, N. *see* Maruyama, T. 55808
Fujiwara, N. *see* Suzuki, H. 54195
Fujiwara, O., Kato, A. Computation of SAR inside eyeball for 1.5-GHz microwave exposure using finite-difference time-domain technique 99004
Fujiwara, S., Irikura, M., Araki, T., Tatsumi, M., Murai, S., Shirakawa, T. Crystal growth of InGaAs in microgravity 91416
Fujiwara, S. *see* Okada, T. 87542
Fujiwara, S. *see* Yamashita, T. 53218
Fujiwara, S. *see* Yokoi, H. 82509
Fujiwara, T., Ohnishi, T., Noto, K., Sugita, K., Yamamoto, J. Analysis on influence of temporal and spatial profiles of disturbance on stability of pool-cooled superconductor [in LHD] 72248
Fujiwara, T. *see* Desaki, Y. 95129
Fujiwara, T. *see* Hiramoto, T. 61716
Fujiwara, T. *see* Inagaki, S. 89643
Fujiwara, T. *see* Jiantin Wu 51358
Fujiwara, T. *see* Kasami, T. 73739
Fujiwara, T. *see* Kimura, S. 97215
Fujiwara, T. *see* Kumazawa, N. 70702
Fujiwara, T. *see* Matsumoto, H. 67738
Fujiwara, T. *see* Takata, T. 95188
Fujiwara, T. *see* Tamba, N. 92241
Fujiwara, T. *see* Yamada, H. 82125
Fujiwara, T. *see* Yoshida, M. 93680
Fujiwara, Y. *see* Ebinuma, Y. 59945
Fujiwara, Y. *see* Takasu, N. 68685
Fujiyasu, H. *see* Choi, Y.D. 69979
Fujiyasu, H. *see* Hikida, K. 63586
Fujiyasu, H. *see* Kuwabara, H. 61319
Fujiyasu, H. *see* Sakakibara, S. 54891
Fujiyoshi, T. *see* Kubota, H. 94283
Fujiyoshi, Y. *see* Takahashi, N. 77352
Fuju, H., Konishi, T., Takeyama, Y., Miyaji, H. A multi-image communication system design 96579
Fuk Ha Kuang *see* Ha Kuang Fuk
Fuk Li *see* Weissman, D.E. 67847
Fukada, A. *see* Mukumoto, K. 65640
Fukada, A. *see* Wu, G. 86158
Fukada Euchi *see* Euchi Fukada
Fukagawa, H. *see* Sunabe, K. 68304
Fukai, I. *see* Kashiwa, T. 51245
Fukai, I. *see* Oonishi, T. 83821
Fukai, S. *see* Ishikawa, H. 70723
Fukai, T., Shiino, M. Memory encoding by oscillator death 61859
Fukai, T. *see* Yoshida, S. 58094
Fukaishi, M. *see* Hida, H. 63026
Fukami, A., Onose, Y., Minami, M., Matsuzaki, N., Shoji, K., Watanabe, A., Nagano, T., Nishida, T., Tachibana, S. A high-speed low process complexity quarter-micron BiCMOS technology 71833
Fukami, A. *see* Ishibashi, K. 70536
Fukami, K., Masukura, K., Koike, T., Hasegawa, I. Preliminary observational study on microwave backscattering characteristics of snow using the PWRI microwave scatterometer 77458
Fukami, T., Miyamoto, R., Miyamoto, T., Shibata, F. Self-starting, self-excited, brushless three-phase synchronous motor 78602
Fukami, T. *see* Tsutsumi, K. 50601
Fukamizu, J. Propulsion for activation of community in the region with PC networking services 85826
Fukano, H., Kobayashi, T., Takanashi, Y., Fujimoto, M. High-speed InP/InGaAs heterojunction phototransistors with emitter metal reflector 94301
Fukano, M. *see* Matsumoto, T. 96426
Fukano, T. *see* Goto, K. 49923
Fukano, T. *see* Yamazaki, T. 93422
Fukano, Y. *see* Sugawara, Y. 71235
Fukao, M. *see* Sasaki, H. 74387
Fukao, S. *see* Maekawa, Y. 77390
Fukao, S. *see* Maekawa, Y. 77401
Fukao, S. *see* Tsutsumi, M. 77364
Fukao, T. *see* Chiba, A. 60216
Fukao, T. *see* Chiba, A. 68561
Fukao, T. *see* Fang-Zheng Peng 89980
Fukao, T. *see* Peng, F.-Z. 68608
Fukao, T. *see* Tungpimolrut, K. 68609
Fukao, T. *see* Tungpimolrut, K. 89981
Fukao, T. *see* Tungpimolrut, K. 89986
Fukao, T. *see* Tungpimolrut, K. 90522
Fukasawa, A., Takizawa, Y., Oda, K., Sato, T. Vibration signal analysis of automobiles based on nonstationary spectrum 97784
Fukasawa, A. *see* Kawabe, M. 75355
Fukasawa, A. *see* Oka, S. 86784
Fukasawa, A. *see* Takizawa, Y. 51419
Fukasawa, A. *see* Tokuda, K. 64216
Fukasawa, H. *see* Furukawa, T. 64716
Fukasawa, S. *see* Seki, M. 93572
Fukasawa, T., Nakamura, A., Shindo, H., Horiike, Y. High rate and highly selective SiO_2 etching employing inductively coupled plasma 55803
Fukasawa, T. *see* Ishii, N. 95000
Fukasawa, T. *see* Itoh, K. 94034
Fukasawa, T. *see* Jiwari, N. 93210
Fukase, T., Hada, H., Aoki, H., Kunio, T. A margin-free contact process using an Al_2O_3 etch-stop layer for high density devices 62552
Fukase, T. *see* Kawaji, S. 71159
Fukase, T. *see* Watanabe, K. 94008
Fukase, Y. *see* Bisaka, Y. 96747
Fukatsu, K. *see* Cabuz, C. 66338
Fukatsu, S., Fujiwara, A., Muraki, K., Takahashi, Y., Shiraki, Y. Time-of-flight measurement of carrier transport and carrier collection in strained $Si_{1-x}Ge_x$/Si quantum wells 55602
Fukatsu, S., Sunamura, H., Shiraki, Y. Room temperature photoluminescence in strained $Si_{1-x}Ge_x$/Si quantum wells 55603
Fukatsu, S. *see* Ishikawa, E. 71193
Fukatsu, S. *see* Sunamura, H. 62437
Fukatsu, S. *see* Usami, N. 61244
Fukawa, K., Suzuki, H. Adaptive recursive least-squares maximum-likelihood sequence estimation with higher-order state variable model of radio channels — adaptive performance improvement of RLS-MLSE 57450
Fukawa, K., Suzuki, H. Blind interference cancelling equalizer for mobile radio communications 65705
Fukawa, K. *see* Nakajima, T. 95440
Fukawa, K. *see* Suzuki, H. 65617
Fukawa, K. *see* Tomisato, S. 65706
Fukawa, Y. *see* Fukui, K. 100565
Fukaya, J. *see* Zhang, H.-C. 71062
Fukaya, M. *see* Hayashi, T. 71111
Fukayama, N. *see* Gotoh, Y. 53249
Fukazawa, H. *see* Shinnaka, S. 89940
Fukazawa, T. *see* Sameshima, Y. 92080
Fukazawa, Y. *see* Aiai, H. 91774
Fukiage, T., Mametani, T. A third-generation 4 Mbit DRAM with high-speed quad column address strobes 55258
Fukino, M. *see* Tange, S. 78934
Fukinuki, T. *see* Suzuki, N. 97644
Fukliyama, M., Kudoh, Y., Nanai, N., Yoshimura, S. Materials science of conducting polymers: an approach to solid electrolytic capacitors with a highly-stable polypyrrole thin film 55444
Fukmoto, M. *see* Mizuno, T. 62835
Fukuchi, H. *see* Iga, F. 63168
Fukuda, A., Itoh, E., Iwamoto, M. Electrostatic phenomena in polyimide Langmuir-Blodgett films 62337
Fukuda, A., Yamashima, H., Mukumoto, K. Evaluating the performance of a message transmission system on meteor burst channel 86309
Fukuda, A. *see* Gang Wu 65654
Fukuda, A. *see* Gang Wu 65659
Fukuda, A. *see* Guizeng Shi 52113
Fukuda, A. *see* Itoh, E. 94736
Fukuda, A. *see* Kajita, J. 72467
Fukuda, A. *see* Kudo, K. 88262
Fukuda, A. *see* Kudo, K. 98709
Fukuda, A. *see* Mukumoto, K. 86102
Fukuda, A. *see* Nagasawa, M. 86308
Fukuda, A. *see* Nagasawa, M. 97219
Fukuda, A. *see* Wu, G. 75336
Fukuda, C., Chigusa, Y., Kashiwada, T., Onishi, M., Kanamori, H., Okamoto, S. γ-ray irradiation durability of erbium-doped fibres 75512
Fukuda, E. *see* Nakamura, T. 86093
Fukuda, E. *see* Tajima, Y. 52350
Fukuda, H. Development of interactive geographical system for railway safety analysis 69501
Fukuda, H., Nakaoka, M. State-vector feedback control-based 100 kHz carrier PWM power conditioning amplifier and its high-precision current-tracking scheme 88427
Fukuda, H., Uchiyama, A., Kuramochi, T., Hayashi, T., Iwabuchi, T., Ono, T., Takayashiki, T. High-performance scaled flash-type EEPROMs with heavily oxynitrided tunnel oxide films 61723
Fukuda, H., Yamanaka, R., Terasawa, T., Hama, K., Tawa, T., Okazaki, S. Characterization of super-resolution photolithography 62615
Fukuda, H. *see* Hayashi, T. 92202
Fukuda, H. *see* Ito, N. 79996
Fukuda, H. *see* Yamazaki, A. 70551
Fukuda, I., Sakai, E., Kotani, Y., Uchida, T. Reflective TN-LCDs using a retardation film 98220
Fukuda, I. *see* Kimura, M. 72485
Fukuda, I. *see* Takahashi, A. 87388
Fukuda, J. *see* Akiba, N. 99723
Fukuda, J. *see* Nakamura, K. 99724
Fukuda, K., Ibaraki, N. a-Si TFTs with stacked gate insulator of CVD-SiO_2/PECVD-SiN_x 81893
Fukuda, K., Mizuguchi, T., Kawanaka, A. A still image coding method in which AR model estimation is applied to DCT coefficients of edge blocks 84746
Fukuda, K. *see* Hayashi, M. 51942
Fukuda, K. *see* Ikeda, R. 91003
Fukuda, K. *see* Kai, K. 93440
Fukuda, K. *see* Uchida, T. 71696
Fukuda, K. *see* Yamamoto, H. 55445
Fukuda, K. *see* Yoshida, M. 50344
Fukuda, M., Hirono, T., Kurosaki, T., Kano, F. Correlation between 1/f noise and semiconductor laser degradation 83056
Fukuda, M., Okayasu, M., Temmyo, J., Nakand, J. Degradation behavior of 0.98-μm strained quantum well InGaAs/AlGaAs lasers under high-power operation 63777
Fukuda, M. *see* Fujimoto, H. 89492
Fukuda, M. *see* Hane, T. 85979
Fukuda, M. *see* Kurosaki, T. 83090
Fukuda, M. *see* Matsumoto, S. 72910
Fukuda, M. *see* Sakai, Y. 83107
Fukuda, M. *see* Shibayama, A. 81735
Fukuda, M. *see* Shikano, S. 96852
Fukuda, M. *see* Suzuki, S. 79026
Fukuda, M. *see* Tohmori, Y. 83113
Fukuda, N. *see* Tanaka, H. 100525
Fukuda, N. *see* Tanaka, H. 100602
Fukuda, S., Anami, S., Saito, U., Michizono, S., Nakao, K., Sato, I. Upgrade of an RF source of the linac for the B-Factory project 67166
Fukuda, S., Iwaji, Y., Sang, S.-i. Introduction of the harmonic distortion determining factor and its application to evaluating real time PWM inverters 68779
Fukuda, S. *see* Iwaji, Y. 78706
Fukuda, S. *see* Kondou, T. 65638
Fukuda, S. *see* Tatsumi, T. 55809
Fukuda, T., Koizuka, M., Ohsawa, A. A Czochralski silicon growth technique which reduces carbon to the order of 10^{14} per cubic centimeter 69921
Fukuda, T., Saito, K., Ohue, M., Shima, K., Momma, N. High quality high rate SiO_2 and SiN room temperature formation by utilizing high excited ions 61396
Fukuda, T., Shimojima, K., Arai, F., Matsuura, H. Sensor integration system based on fuzzy inference 66502
Fukuda, T. *see* Hara, A. 91409
Fukuda, T. *see* Kang, J. 61231
Fukuda, T. *see* Matsumoto, F. 54816
Fukuda, T. *see* Miyazaki, N. 79759
Fukuda, T. *see* Tamaki, S. 61707
Fukuda, Y., Aoki, K., Numata, K., Nishimura, A. Current-voltage characteristics of electron-cyclotron-resonance sputter-deposited $SrTiO_3$ thin films 93715
Fukuda, Y., Hiki, S. Design of a system for electronic dictionary of Japanese sign language 98975
Fukuda, Y., Suzuki, Y., Sanada, N., Sasaki, S., Ohsawa, T. $(NH_4)_2S_x$-treated InP(001) studied by high-resolution X-ray photoelectron spectroscopy 81516
Fukuda, Y. *see* Aoki, K. 93706
Fukuda, Y. *see* Hashimoto, M. 82742
Fukuda, Y. *see* Kato, Y. 50730
Fukuda, Y. *see* Kurachi, I. 55992
Fukuda, Y. *see* Murai, K. 56613
Fukuda, Y. *see* Otaki, H. 88615
Fukue, I., Aoki, S., Aoyama, K., Umemura, S., Merola, A., Noceto, M., Rosso, M. A new

high-efficiency heavy-duty combustion turbine 701F 60105
Fukue, K. *see* Inoue, A. 77606
Fukue, K. *see* Lee, J. 67768
Fukuhara, A. *see* Lai, G. 58950
Fukuhara, M. *see* Okamoto, K. 77648
Fukuhara, S. *see* Hiruma, K. 91541
Fukuhara, T. *see* Nakayama, E. 66595
Fukui, A., Wada, M., Watanuki, Y., Karitani, Y., Yoshida, H., Takeda, T., Yanagita, I., Hashimoto, S., Kutome, C., Nakata, N. ATM campus network for Osaka University 96748
Fukui, C. *see* Fujita, N. 89380
Fukui, H. *see* Fukuoka, H. 82264
Fukui, K., Fukawa, Y., Takahashi, H., Okada, K., Takayama, M., Shirasawa, K., Watanabe, H. Large-area high-efficiency single crystalline silicon solar cells 100565
Fukui, K., Hayashi, M., Yamanouchi, Y. A virtual studio system for TV program production 75715
Fukui, K. *see* Akioka, T. 70538
Fukui, K. *see* Haseba, K. 97628
Fukui, K. *see* Sanada, A. 70863
Fukui, K. *see* Shirasawa, K. 100648
Fukui, M. *see* Wada, N. 56566
Fukui, S., Hlasnik, I., Tsukamoto, O., Amemiya, N., Polak, M., Kottman, P. Electric field and losses at AC self field mode in MF composites 82329
Fukui, S. *see* Hlasnik, I. 82310
Fukui, S. *see* Kobayashi, T. 53633
Fukui, S. *see* Kobayashi, T. 77943
Fukui, S. *see* Komai, K. 99582
Fukui, S. *see* Nishikata, Y. 56545
Fukui, S. *see* Shimakura, Y. 59867
Fukui, T., Ando, S., Saito, H. MOCVD methods for fabricating semiconductor nano-structures 70164
Fukui, T. *see* Baba, I. 60969
Fukui, T. *see* Chavez-Pirson, A. 73126
Fukui, T. *see* Kishi, K. 99709
Fukui, T. *see* Kohiro, K. 55696
Fukui, T. *see* Kubota, T. 99708
Fukui, T. *see* Suzuki, T. 89283
Fukui, T. *see* Zhao, T. 59125
Fukuma, M. *see* Okabe, K. 62848
Fukuma, M. *see* Takeuchi, K. 71695
Fukuma, M. *see* Takeuchi, K. 81887
Fukuma, M. *see* Takeuchi, K. 93621
Fukuma, M. *see* Uwasawa, K. 93421
Fukuma, N., Mori, T. On positivity of linear combinations of polynomials 48733
Fukuma, Y. *see* Zhu, Z. 91432
Fukumasa, H., Kohno, R., Imai, H. Design of pseudonoise sequences with good odd and even correlation properties for DS/CDMA 75201
Fukumasa, O., Iwasaki, T., Naitou, H., Sakiyama, S. Experimental test of H volume production process in a hydrogen discharge 53196
Fukumasa, O., Tanebe, T., Naitou, H. Identification of cesium effects on enhancement of H^- production in a volume negative ion source 53197
Fukumasa, O. *see* Naitou, H. 53276
Fukumasa, O. *see* Sakiyama, S. 79950
Fukumitsu, T. *see* Sakai, T. 100289
Fukumoto, A. *see* Kaneko, M. 50336
Fukumoto, A. *see* Ohi, M. 70507
Fukumoto, A. *see* Onoda, H. 61726
Fukumoto, K. *see* Ohno, Y. 70487
Fukumoto, M., Suenaga, Y., Mase, K. "Finger-Pointer": pointing interface by image processing 95768
Fukumoto, M. *see* Fujiwara, G. 70530
Fukumoto, M. *see* Sekiguchi, M. 93266
Fukumoto, M.O.A. *see* Onoda, H. 92203
Fukumoto, S. *see* Ota, K. 53101
Fukunaga, C. *see* Matsushita, T. 98660
Fukunaga, C. *see* Okuno, S. 98559
Fukunaga, C. *see* Saitoh, Y. 88124
Fukunaga, C. *see* Saitoh, Y. 98580
Fukunaga, H., Abe, H., Ohta, Y., Kakehashi, H. Evaluation of magnetization models for simultaneous analysis of flux and temperature distributions in ferrite cores 63248
Fukunaga, K. *see* Izumi, M. 57636
Fukunaga, K. *see* Ogihara, A. 73894
Fukunaga, M. *see* Terashima, T. 58700
Fukunaga, S. *see* Kubota, T. 99708
Fukunishi, Y., Nakatsuji, H. Cluster model study on GaAs epitaxial crystal growth by an arsenic molecular beam. III. As_4 molecular beam 79799
Fukuno, A. *see* Ishizaka, C. 50201
Fukuoka, H., Fukui, H., Aihara, M., Takano, H., Suzuki, M. Effect of magnetic saturation on reproducing characteristics of magnetoresistive heads 82264
Fukuoka, H. *see* Hirao, M. 55004
Fukuoka, H. *see* Tadai, Y. 90224
Fukuoka, T. *see* Seikai, S. 63701
Fukuoka, T. *see* Seikai, S. 76232
Fukushima, A., Iwasa, A., Yoshihiro, K., Kinoshita, J., Endo, T. Operation method of three-gate single electron pump 86888
Fukushima, H. *see* Toratani, M. 67866
Fukushima, K. Neural network for connected character recognition 51562
Fukushima, K. *see* Iwai, S. 80081
Fukushima, K. *see* Matsubara, T. 86021
Fukushima, K. *see* Matsubara, T. 94308
Fukushima, K. *see* Ohuchi, M. 61758
Fukushima, K. *see* Shouno, H. 74246
Fukushima, K. *see* Sumiyoshi, F. 82492
Fukushima, N. *see* Kumazawa, N. 70702
Fukushima, S. A multi-level image restoration method from bi-level images using region discrimination 64598
Fukushima, S., Kurokawa, T. Diffraction characteristics of ferroelectric liquid crystal grating 94205
Fukushima, S. *see* Igarashi, R. 76831
Fukushima, S. *see* Kobayashi, Y. 56446
Fukushima, S. *see* Kohama, Y. 83094
Fukushima, T. Lunar VLBI observation model 97512
Fukushima, T., Furuya, A., Kito, Y., Sugano, M., Sudo, H., Tanahashi, T. Facet degradation of AlGaInP visible semiconductor lasers with facet passivation 72899
Fukushima, T., Kato, K., Ohsumi, S., Takenaka, T. IR detectors using $Pb(Mg_{1/3}Nb_{2/3})O_3$ and $Pb(Sc_{1/2}Ta_{1/2})O_3$ ceramics under DC bias 97990
Fukushima, T., Namegaya, T., Ikegami, Y., Nakayama, H., Matsumoto, N., Kasukawa, A., Shibata, M. Carrier transport and its effect on the turn-on delay time in strained GaInAsP/InP multiple quantum well lasers 94484
Fukushima, T. *see* Anayama, C. 50849
Fukushima, T. *see* Mori, T. 92207
Fukushima, T. *see* Sugihara, T. 71452
Fukushima, Y., Sakuda, M., Terunuma, N., Watase, Y., Nakano, I., Haba, J., Kanda, N., Krueger, A. Readout electronics for the Venus TRD at TRISTAN 67382
Fukuskima, S. *see* Kurokawa, T. 72465
Fukutani, I., Takagi, D. Three-terminal capacitors tackle electromagnetic noise, absorb surges 51119
Fukutani, I. *see* Terao, M. 80960
Fukutoku, M. *see* Oda, K. 65783
Fukutomi, M., Aoki, S., Komori, K., Chatterjee, R., Togano, K., Maeda, H. Deposition of in-plane aligned $YBa_2Cu_3O_y/Y_2O_3$ stabilized ZrO_2 thin films on both sides of metallic tape substrates 91638
Fukuyama, S. *see* Seki, A. 89279
Fukuyama, T. *see* Sugihara, S. 61419
Fukuyama, Y., Ueki, Y. An application of genetic algorithms to service restoration in distribution system 78080
Fukuzawa, T. *see* Shiratani, M. 49838
Fukuzawa, Y. *see* Arai, H. 61461
Fukuzo, Y. *see* Takai, Y. 49421
Fukuzo, Y. *see* Takai, Y. 70550
Fulai Liu *see* Liu Fulai
Fulchiero, R., Spanias, A.S. Speech enhancement using the bispectrum 84158
Fulczyk, M. *see* Zielichowski, M. 100063
Fuld, B. *see* Ridley, R. 53670
Fulda, F. *see* von Apeldoorn, G. 88116
Fulford, C.P. *see* Shuqiang Zhang 75770
Fulford, J. *see* Gardner, M. 71785
Fulford, K. *see* Homnick, M. 60928
Fulgione, W. *see* Aglietta, M. 67318
Fulin Gan *see* Gan Fulin
Fulin Xiong, Hagerman, M., Zhou, H., Kozhevnikov, V., Wong, G.K., Poeppelmeier, K., Ketterson, J.B., Chang, R.P.H., White, C.W. Deposition of nonlinear optical films of potassium titanyl phosphate ($KTiOPO_4$) by pulsed excimer laser ablation 94638
Fulin Yang *see* Yang Fulin
Fuller, C.R. *see* Clark, R.L. 63106
Fuller, C.R. *see* Gu, Y. 71885
Fuller, C.R. *see* Maillard, J.P. 66780
Fuller, C.T. *see* Wang, C.A. 50819
Fuller, E.W. *see* Dahn, J.R. 90359
Fuller, J. *see* Carlin, R.T. 78789
Fuller, K.R. A semi-custom multi-channel preamplifier integrated circuit for spaceborne nuclear instrumentation 80143
Fuller, L.F., Pearson, R.E., Turkman, I.R., Kurinec, S., Lane, R.L., Jackson, M.A., Smith, B.W. Microelectronic engineering at RIT—10 years of industry partnership 54384
Fuller, L.F., Waldrop, P.C., Grubel, S.J., Young, L.M. Applying CIM and TQM to a student run integrated circuit factory 54410
Fuller, L.F. *see* van Slooten, J. 54394
Fuller, L.F. *see* Zhang, G. 81655
Fuller, R. *see* Ruth, R.D. 66791
Fullett, K.D. *see* Werkema, S.J. 87922
Fullman, H. *see* O'Brien, J.D. 88748
Fullmann, M. *see* Held, R. 55974
Fullmann, M. *see* Neubrand, H. 56000
Fullner, C., Auernheimer, B., Morris, W.L., III A TCP/IP network facsimile system built from publicly available software 52061
Fullowan, T.R. *see* Ren, F. 93351
Fullowan, T.R. *see* Yang, L.W. 62715
Fulmek, P. *see* Hauser, H. 63132
Fulton, C.A. *see* Richie, S.M. 93820
Fulton, D. *see* Strang, W.M. 89255
Fulton, J.A. *see* Chang, D.D. 92793
Fulton, J.J. *see* You-Wen Yau 91012
Fulton, J.P. *see* Namkung, M. 93870
Fulton, K. Klimov Russia launches first 1.5 MW aeroderivative engine 78442
Fulton, K., de Biasi, V. GT10 scoring in CHP projects in Holland and industrial Europe 78440
Fulton, R.L. *see* Morrison, M.E. 87775
Fultz, B. *see* Disko, M.M. *(editor)* 48536
Fuma, M. *see* Murata, S. 86810
Fumagalli, A. *see* Chlamtac, I. 52292
Fumagalli, A. *see* Chlamtac, I. 86351
Fumagalli, G. *see* Alippi, C. 53346
Fumagalli, G. *see* Alippi, C. 67381
Fumagalli, G. *see* Dell'Acqua, A. 87955
Fumagalli, G. *see* Dell'Acqua, A. 98680
Fuming Yang *see* Jifan Hu 71926
Fuming Yang *see* Jifan Hu 72000
Fumiyuki Adachi *see* Chun Sum Ng 73595
Fummi, F., Sciuto, D., Serra, M. A functional approach to delay faults test generation for sequential circuits 49297
Fummi, F. *see* Balboni, A. 49227
Fummi, F. *see* Bolchini, C. 70434
Fumoto, T., Kanamori, K., Kotera, H., Yamada, O., Motomura, H., Iikawa, R. Multi-media oriented high-speed color processor using PRISM interpolation 64747
Fumoto, T. *see* Kanamori, K. 52785
Funabashi, T. *see* Kai, T. 53805
Funabashi, T. *see* Kai, T. 100105
Funabiki, N., Takefuji, Y. A parallel algorithm for time-slot assignment problems in TDM hierarchical switching systems 96167
Funabiki, S., Komatsubara, H., Kanbara, T., Tanigawa, K. Push-pull type of high-frequency inverter with voltage controllability by using short-circuit mode and its application to high-frequency lighting circuit of electric-discharge lamp 78999
Funabiki, S. *see* Mechi, A. 68880
Funada, M.F., Yazu, Y., Ide, H., Idogawa, K., Yano, F., Daimon, N., Ninomija, S.P. On a sensor to detect the point just before the dozing off state is reached 67550
Funada, S. *see* Miura, S. 65562
Funahashi, A. *see* Yorino, N. 68036
Funaki, H., Nakagawa, A., Omura, I. Numerical analysis of silicon carbide Schottky diodes and power MOSFETs 55882
Funaki, K., Yoshimoto, K. Distribution of total uptime during a given time interval 91136
Funaki, M. *see* Tatsuoka, H. 79834
Funaki, T., Kimura, N., Matsu-Ura, K. Suppression of DC line current oscillation of HVDC transmission system using voltage source forced commutation converter 89204
Funaki, T., Kimura, N., Matsu-ura, K. Stability analysis of HVDC system using voltage source type forced commutation converter 99654
Funakoshi, H. *see* Mizuno, S. 98991
Funakoshi, N. *see* Miyagi, M. 56300
Funakoshi, Y., Koiso, H. Strong-weak beam-beam simulation with a six dimension symplectic code 87869
Funakura, H. *see* Uchida, H.H. 91573
Funato, H., Kawamura, A. Control of variable active-passive reactance (VAPAR) and negative inductance 99641
Funato, H. *see* Misawa, S. 63433
Funato, K. *see* Takamasu, T. 82003
Funato, M., Fujita, S., Fujita, S. Growth behavior of GaAs in metalorganic vapor phase epitaxy onto ZnSe 91533
Funatsu, R. *see* Watanabe, M. 71534
Funazaki, J. *see* Kawakubo, I. 94052
Funck, T. *see* Bachmair, H. 86827
Funck, T. *see* Gutmann, P. 86844
Fundaro, P. Reflow soldering of memory modules which include buffer batteries 62014
Funderburk, D.M., McLane, P.J., Park, S. Asynchronous timing recovery for passband PS-FSE for single-chip V.32 modems 75133
Funderburk, D.M., Park, S. Real-time pitch (frequency) shifting techniques 74121
Funderburk, D.M., Park, S. Optimum adaptive filter tap-length and delay estimation techniques for a full duplex teleconferencing system 75106
Funemizu, M. *see* Morinaga, M. 50862
Funemizu, M. *see* Tohyama, M. 50861
Funfschilling, J., Schadt, M. Physics and electronic model of deformed helix ferroelectric liquid crystal displays 94210
Funfschilling, J. *see* Ruetschi, M. 72483
Fung, A.K., Shah, M.R., Tjuatja, S. Numerical simulation of scattering from three-dimensional randomly rough surfaces 88861
Fung, A.K., Tjuatja, S. Backscattering and emission signatures of randomly rough surfaces based on IEM 77612
Fung, A.K. *see* Amar, F. 77586
Fung, A.K. *see* Chen, K.S. 77602
Fung, A.K. *see* Chen, K.S. 99224
Fung, A.K. *see* Karam, M.A. 77585
Fung, A.K. *see* Liu, L.M. 57819
Fung, A.K. *see* Porco, R.L. 77433
Fung, A.K. *see* Shah, M.R. 77281
Fung, A.K. *see* Tjuatja, S. 77522
Fung, A.K. *see* Tzeng, Y.C. 77711
Fung, A.K. *see* Yu Chang Tzeng 88869
Fung, C.C., Eren, H., Nakazato, Y. Position sensing of mobile robots for team operations 98301

Fung, C.C., Ho, S.C.Y., Nayar, C.V. Optimisation of a hybrid energy system using simulated annealing technique 100037
Fung, C.C. *see* Wong, K.P. 78391
Fung, K. *see* Lee, T.S. 63054
Fung, K.-S.L. *see* Atkin, G.E. 51311
Fung, K.B., Goodenough, D.G., Ryerson, R.A. Photo-Interpretation Keys Expert System (PIKES) 77670
Fung, K.K., Hui, S.Y.R., Christopoulos, C. Parallel simulation of electrical circuits using the TLM technique 55055
Fung, K.K. *see* Hui, S.Y.R. 55058
Fung, K.K. *see* Hui, S.Y.R. 60304
Fung, P. *see* Bates, M. 73858
Fung, P. *see* Gajski, D.D. 92000
Fung, P. *see* Placeway, P. 73838
Fung, P.K. *see* Izzard, M.J. 70712
Fung, P.W. *see* Leung, S.O. 85189
Fung, P.W. *see* Wong, S.H. 76892
Fung, S. *see* Beling, C.D. 87662
Fung, S. *see* Chen, T.P. 62306
Fung, S. *see* Shan, Y.Y. 81226
Fung, T., Jim, C.Y. Application of remote sensing/GIS in the analysis of hill fire impact on vegetation resources in Hong Kong 67914
Fung, Y.H., Rao Tummala, V.M. Forecasting of electricity consumption: a comparative analysis of regression and artificial neural network models 59889
Fung Chang Li *see* Li Fung Chang
Fung Ko Bong *see* Ko Bong Fung
Fung-Yuel Chang Transient simulation of frequency-dependent nonuniform coupled lossy transmission lines 57166
Fung-Yuel Chang *see* Hong Liu 91762
Fungshi Zheng *see* Zheng Fungshi
Funhoff, D. *see* Schwalm, R. 81613
Funk, D.S., Carlson, J.W., Eden, J.G. Ultraviolet (381 nm), room temperature laser in neodymium-doped fluorozirconate fibre 94424
Funk, E.E. *see* Lai, Y.S. 70899
Funk, E.E. *see* Lai, Y.S. 100787
Funk, G. *see* Monticone, L.C. 97043
Funk, G.L. Application of adaptive processing to on-line system identification and optimal control in the hydrocarbon industry 74218
Funk, J., Wai Kin Chiu Morse code and Minspeak, a combination that can work 53463
Funk, J. *see* Korvink, J.G. 81414
Funk, K. Evaluation of student and device. The best way to meet the need 53464
Funk, L.W. The SSC linear accelerator 76298
Funk, L.W. *see* Chang, C.R. 67072
Funk, L.W. *see* Crist, C.E. 76442
Funk, L.W. *see* Tooker, J.F. 76299
Funk, R.H.W. *see* Hoper, J. 76975
Funk, W. *see* Haworth, M. 76408
Funk, W. *see* Raparia, D. 53129
Funk, W. *see* Raparia, D. 59043
Funk, W. *see* Raparia, D. 76412
Funk, W. *see* Raparia, D. 87806
Funka-Lea, G., Bajcsy, R. Active color image analysis for recognizing shadows 95708
Funt, B.V., Brockington, M., Tong, F. Conformal transplantation of lightness to varying resolution sensors 96035
Fuochi, P.G. *see* Bacchetta, N. 76768
Fuochi, P.G. *see* Pesce, A. 70368
Fuoco, G. *see* Chao, C.-W. 85550
FupChang Ruan *see* Xiang-Ming Li 98875
Fuqi Fang *see* Fang Fuqi
Fuqiang Yao *see* Yao Fuqiang
Fuqin Xiong Modem techniques in satellite communications 75370
Fuqing Yang *see* Xiaowei Li 80266
Fuqing Yang *see* Xiaowei Li 80321
Fura, D.A., Windley, P.J., Somani, A.K. Abstraction techniques for modeling real-world interface chips 55309
Furber, S.B., Day, P., Garside, J.D., Paver, N.C., Temple, S., Woods, J.V. The design and evaluation of an asynchronous microprocessor 92260
Furdyna, J.K. *see* Choi, J.B. 55611
Furdyna, J.K. *see* Karczewski, G. 61279
Furdyna, J.K. *see* Luo, H. 54854
Furdyna, J.K. *see* Short, S.W. 54855
Furetta, C., Bacci, C., Mendozzi, V., Sanipoli, C., Scacco, A., Cremona, M., Montereali, R.M. Modifications induced by ionizing radiations in the luminescence from single crystals of LiF:Mg,Cu,P 72580
Furetta, C., Leroy, C., Pensotti, S., Rancoita, S., Rattaggi, M. High resolution silicon collimated photon imaging calorimeter and variable depth collimator for gamma-rays imaging in medical applications 98812
Furetta, C. *see* Bosetti, M. 59145
Furetta, C. *see* Bosetti, M. 59146
Furetta, C. *see* Bosetti, M. 98565
Furetta, C. *see* Bosetti, M. 98566
Furetta, C. *see* Costa, A. 88581
Furetta, C. *see* Scacco, A. 72581
Furga, G.Superti *see* Superti Furga, G.
Furgal, J. *see* Florkowska, B. 89308
Furgason, E.S. *see* Sung Jun Oh 91665
Furht, B. *see* Ehley, L. 58048
Furht, B. *see* Monnes, P. 84859
Furjanic, I., Harris, C. Platform for future communications 52205
Furkay, S. *see* Shahidi, G.G. 71797
Furlan, G. *see* Narsale, A.M. 71582
Furlan, J., Smole, F., Popovic, P., Topic, M. Analysis of silicon solar cells incorporating an extra defect rich layer 100467
Furlan, J. *see* Kusian, W. 100549
Furlan, J. *see* Popovic, P. 100591
Furlan, J. *see* Smole, F. 100590
Furlan, M. *see* Abplanalp, M. 53309
Furlani, A. *see* Caliendo, C. 58671
Furlani, E.P. The prediction of impedance using quasi-static field theory 64101
Furlani, E.P. Analysis of a sintered NdFeB magnetic lens 67221
Furlani, E.P. A three-dimensional field solution for axially-polarized multipole disks 72178
Furlani, E.P. Computing the field in permanent-magnet axial-field motors 89791
Furlani, E.P., Reznik, S., Janson, W. A three-dimensional field solution for bipolar cylinders 83488
Furlani, E.P. *see* Wang, R. 82286
Furman, A.S. *see* Kuznetsov, N.I. 81262
Furman, E.G., Vasil'ev, V.V., Tomskikh, O.N., Korolev, A.A., Kul'beda, V.E., Trukhin, V.A. Repeating-pulse linear induction accelerator with magnetic commutation 53097
Furman, M.A., Eden, J.R. Beam-beam effects for the PEP-II B factory 87865
Furman, M.D. *see* Cordova, J.E. 98908
Furman, W.N. Automated HF data delivery utilizing real time frequency selection and adaptive data link protocol 96989
Furmanov, G.P. *see* Gorelenok, A.T. 81412
Furnas, G. *see* Brothers, L. 96563
Furnee, W.G. If flexibility counts...use a client/server solution 96656
Furniss, I. *see* Davis, G.R. 58788
Furong Ding *see* Ding Furong
Furong Zhu, Jai Singh Optical design of thin film amorphous silicon solar cells 100702
Furrer, A. *see* Greber, U. 89249
Furrer, B. *see* Lortscher, M. 100888
Furse, C.M., Jin-Yuan Chen, Gandhi, O.P. The use of the frequency-dependent finite-difference time-domain method for induced current and SAR calculations for a heterogeneous model of the human body 59422
Fursenko, T.A. *see* Pashuk, A.V. 71170
Fursenko, T.A. *see* Pashuk, A.V. 92907
Fursov, A.P. *see* Baranov, V.A. 76849
Fursov, B.I. *see* Apel, P.Yu. 88189
Furst, D. *see* Khormaei, R. 66624
Furst, M. *see* Blum, A. 73761
Furst, M.L. *see* Vest, R.E. 88289
Furtado, M.T. Modelling of 1.55 μm InGaAs/InP multiquantum well lasers 50799
Furtak, T.E. *see* Kim, D. 90433
Furtek, F. An FPGA architecture for data-path applications 70391
Furthner, J. *see* Penzkofer, A. 94397
Furu, L.H. *see* Hamilton, C.E. 94433
Furubo, S. *see* Koizumi, Y. 90675
Furubashi, K. *see* Sasaki, K. 56639
Furubashi, T. *see* Yoshikawa, T. 70998
Furuhata, T., Azuma, N., Mizosoe, H. Simulation of a high-definition camera using a pixel-reduction method 52692
Furuhata, T., Hirano, T., Lane, L.H., Fontana, R.E., Fan, L.S., Fujita, H. Outer rotor surface-micromachined wobble micromotor 60269
Furuhata, T. *see* Hirano, T. 52813
Furuhata, T. *see* Hirano, T. 60273
Furui, M., Yamauchi, T., Taniuchi, S., Sato, T. Visual information system for airport using CATV 58592
Furui, S. Speech recognition for Japanese spoken language 95293
Furui, S. *see* Matsui, T. 64329
Furui, S. *see* Matsui, T. 64373
Furui, S. *see* Matsui, T. 84054
Furui, S. *see* Shikano, K. 64393
Furui, T. *see* Endou, O. 49149
Furuichi, S. *see* Nakata, J. 91408
Furukawa, A., Ideshita, S. Origin of deep donors in AlSb grown by molecular beam epitaxy 62164
Furukawa, A. *see* Sugino, T. 55894
Furukawa, A. *see* Yamashita, H. 97663
Furukawa, H., Oosaki, K., Akaiwa, Y., Shimizu, H. Signal strength prediction and distribution characteristics in indoor radio propagation at 2.5 GHz band 83685
Furukawa, H. *see* Miyatsuji, K. 81970
Furukawa, H. *see* Tateoka, K. 92524
Furukawa, I., Kashiwabuchi, K. Super high definition still/motion image digitizing system 64873
Furukawa, I. *see* Kashiwabuchi, K. 75887
Furukawa, K. *see* Horikoshi, Y. 54868
Furukawa, K. *see* Kamitani, T. 87822
Furukawa, K. *see* Ogawa, Y. 76617
Furukawa, K. *see* Ohsawa, S. 76312
Furukawa, K. *see* Okuda, T. 61979
Furukawa, K. *see* Yagi, T. 61978
Furukawa, N. Rechargeable Ni-MH batteries pack power in light, compact casing 100436
Furukawa, O. *see* Kaneko, A. 72402
Furukawa, R., Imai, M., Uno, T. Robust algorithm for motion analysis based on Active Tubes 96074
Furukawa, R. *see* Ushikubo, T. 58371
Furukawa, S., Nishimura, R., Obana, M., Nomura, T., Yasuda, T. Characteristic of leaky surface acoustic wave propagating along liquid/SiO_2/$LiNbO_3$ and its application to liquid sensor 97899
Furukawa, S., Nomura, T., Yasuda, T., Nishimura, R., Hiramatsu, T., Tamura, M. Characteristics of leaky surface acoustic waves propagating along liquid/layered-substrates and their application to liquid sensor 93855
Furukawa, S., Tanaka, K., Koyamada, Y., Sumida, M. High dynamic range coherent OTDR for fault location in optical amplifier systems 97239
Furukawa, S. *see* Hagio, K. 97607
Furukawa, S. *see* Izumita, H. 76231
Furukawa, S. *see* Nomura, T. 93856
Furukawa, S. *see* Nomura, T. 97898
Furukawa, S. *see* Ohmi, S. 48914
Furukawa, S. *see* Sumida, M. 97240
Furukawa, T., Kubota, H., Kimura, Y. A consideration on operations of orthogonal projection algorithm onto multi-dimensional subspace 95517
Furukawa, T., Takano, T., Fukasawa, H., Yamasaki, I. Hierarchical picture description using triangular blocks 64716
Furukawa, T. *see* Wookhyun Kim 84927
Furukawa, T. *see* Yanagawa, K. 96949
Furukawa, Y. The direction of the future automotive safety technology 78977
Furukawa, Y. *see* Fujihara, F. 80993
Furukawa, Y. *see* Hirai, S. 81553
Furukawa, Y. *see* Mikami, M. 61386
Furukawa, Y. *see* Noda, Y. 61222
Furukawa, Y. *see* Noda, Y. 61225
Furukawa, Y. *see* Shinohara, M. 79808
Furukawa, Y. *see* Takeuchi, N. 54920
Furukawa Shin-ichi *see* Shin-ichi Furukawa
Furuki, K. *see* Yoshimura, O. 61620
Furuki, M., Lyong Sun Pu Gas detection by a multi-hybrid sensor with dye Langmuir-Blodgett films deposited on a quartz oscillator 58897
Furumiya, M. *see* Morimoto, M. 97662
Furumiya, M. *see* Mutoh, N. 98090
Furumiya, M. *see* Orihara, K. 66047
Furumura, Y. *see* Kato, T. 70154
Furumura, Y. *see* Mieno, F. 70149
Furumura, Y. *see* Suzuki, T. 62553
Furumura, Y. *see* Yoshikawa, K. 71834
Furuno, K. *see* Arodzero, A. 59076
Furuoya, S. *see* Akimoto, T. 55805
Furusawa, I. *see* Minami, S. 92201
Furusawa, T. *see* Hinode, K. 71403
Furushima, S. *see* Anegawa, H. 99046
Furushima, Y., Nishida, T., Shimizu, M., Shiosaki, T. Growth and guided optical and surface acoustic wave properties of $LiNbO_3$ thin films 93735
Furuta, A. *see* Aburatani, H. 71908
Furuta, A. *see* Iwasaki, K. 49442
Furuta, A. *see* Tanabu, T. 75772
Furuta, A. *see* Uchino, K. 56160
Furuta, H. *see* Ishikawa, T. 50555
Furuta, K. Process technology for millimachine 90037
Furuta, K. *see* Matsuo, H. 68269
Furuta, K. *see* Mizuno, M. 70426
Furuta, K. *see* Oonishi, K. 92297
Furuta, S. *see* Mizuno, A. 68420
Furuta, T., Shigekawa, N., Tomizawa, M. Energy relaxation process of photoexcited electrons in GaAs/AlGaAs quantum well structures 62179
Furuta, T. *see* Ito, H. 81808
Furuta, T. *see* Ohtsuka, M. 97914
Furuta, Y., Miyajima, A. Communication system to link NEC Office Server System 7200 series and PCs 85672
Furutani, K., Miyamoto, H., Morooka, Y., Suwa, M., Ozaki, H. An adjustable output driver with a self-recovering Vpp generator for a 4M×16 DRAM 49417
Furutani, K. *see* Morooka, Y. 55256
Furutani, K. *see* Tsukikawa, Y. 49428
Furutoh, K. *see* Waguri, S. 58095
Furuya, A., Shimokawa, F., Matsuura, T., Sawada, R. Micro-grid fabrication of fluorinated polyimide by using magnetically controlled reactive ion etching (MC-RIE) 55501
Furuya, A., Shimokawa, F., Matsuura, T., Sawada, R. Fluorinated polyimide fabrication by magnetically controlled reactive ion etching (MC RIE) 79993
Furuya, A. *see* Anayama, C. 50849
Furuya, A. *see* Fukushima, T. 72899
Furuya, A. *see* Tanahashi, T. 56805
Furuya, A. *see* Tanahashi, T. 72844
Furuya, H. *see* Ishigami, S. 55747
Furuya, H. *see* Ishigami, S. 93152
Furuya, K., Machida, N., Young-Cheul Kang Analysis of phase breaking effect in resonant tunneling diodes using correlation function 62651
Furuya, K., Tani, T. Output evaluation of photovoltaic modules considering properties of solar radiation 60453
Furuya, K. *see* Gault, M. 55852
Furuya, K. *see* Ito, K. 53451

Furuya, M., Ochi, A. Microwave dielectric properties for $Ba(Mg_{1/3}Ta_{2/3})O_3$-$A(Mg_{1/2}W_{1/2})O_3$ (A=Ba,Sr,Ca) ceramics 93685
Furuya, S.-I., Maruhashi, T., Nakaoka, M. Resonance detecting method of traveling-wave type ultrasonic motor with piezoelectric element sensor 54045
Furuya, T. *see* Nishio, T. 71939
Furuya, Y. *see* Kachi, S. 96645
Furuya, Y. *see* Okanoue, K. 65702
Furuyama, M. *see* Arakawa, F. 70667
Furuyama, T., Kushiyama, N., Noji, H., Kataoka, M., Yoshida, T., Doi, S., Ezawa, M., Watanabe, T. Wafer burn-in (WBI) technology for RAM's 92208
Furuyama, T. *see* Ohshima, S. 92206
Furuyama, T. *see* Stark, D. 70535
Fury, M.A., Kaloyeros, A.E. Metallization for microelectronics program at the University at Albany: leveraging a long-term mentor relationship 54412
Fusco, V.F. An overview of the high frequency circuit modelling using concurrent processing techniques 55054
Fusco, V.F. *see* Chen, Q. 51185
Fusco, V.F. *see* Parks, G. 55429
Fusco, V.F. *see* Sancheti, S. 73498
Fusco, V.F. *see* Sancheti, S. 95044
Fuse, M., Asai, I., Hirota, M., Miyamoto, Y. Performance of poly-Si thin film transistors fabricated by excimer-laser annealing of SiH_4- and Si_2H_6- source low pressure vapor deposited a-Si films with or without solid-phase crystallization 81873
Fuseya, Y. *see* Horio, K. 81945
Fushen Teng *see* Teng Fushen
Fusheng Liu *see* Liu Fusheng
Fusheng Teng *see* Teng Fusheng
Fushida, A. *see* Goto, K. 71420
Fushimi, K. *see* Ejiri, H. 59215
Fushimi, K. *see* Nakamura, H. 71429
Fushimi, T. Experience with Kawagoe power station of Chubu Electric Power 53924
Fushinobu, K. *see* Hijikata, K. 79417
Fushuan Wen *see* Wen Fushuan
Fusillo, L.J., Satriano, J.H. Processing techniques for SASS multibeam sidescan imagery 99143
Fusina, R.A. *see* Jansen, R.W. 77427
Fussel, W. *see* Schofthaler, M. 100477
Fussell, D.S. *see* Bitner, J. 70372
Fussell, D.S. *see* Hoskote, Y.V. 49265
Fussell, K.J. Applying current limiting fuses with modern molded case circuit breakers 78749
Fussell, K.J. Utilizing serial communications in control systems 78886
Fussenegger, C. *see* Lang, W. 63302
Fustos, T. *see* Szabo Istvan, C. 67642
Futagami, K. *see* Ikari, T. 93125
Futagami, S., Araki, H., Yamagami, R. IROS input/output control interface for node systems 85743
Futagi, T. *see* Mimura, H. 72630
Futakawa, M. *see* Tani, M. 66073
Futaki, H. *see* Daud, A. 56529
Futami, M., Endoo, T., Notohara, Y., Kitayama, T. A digital automatic current control system based on an optimum assumed model 60245
Futami, M. *see* Notohara, Y. 68882
Futamoto, M., Matsuda, Y., Inaba, N., Suzuki, M., Honda, Y. Dual magnetic layer medium for 2 Gb/in^2 magnetic recording 71971
Futamoto, M. *see* Honda, Y. 50303
Futamoto, M. *see* Honda, Y. 72150
Futamoto, M. *see* Inaba, N. 63177
Futan Zhao *see* Zhao Futan
Futatsuki, T. *see* Ohmi, K. 71357
Futigami, N., Kawata, Y., Takatani, S., Shigeta, J., Miyazaki, M. Temperature dependence of gate forward turn-on voltage (Vf) of i-$Al_{0.3}Ga_{0.7}As$/n-GaAs HIGFET's 49982
Futschik, K. *see* Nakesch, H. 77000
Futuhara, K. *see* Kato, M. 60614
Fuwa, M. *see* Amanuma, K. 100294
Fuwa, M. *see* Katane, T. 91874
Fuwa, Y., Shimokawa, Y., Inada, A. Continuous overlap pursuit method to detect moving objects in natural scenes 95948
Fuwa, Y., Tasaka, S. Performance comparison of high-speed ring networks with nodes of finite buffer capacity 65299
Fuwa, Y. *see* Nishiyama, T. 70445
Fuxi Gan, Donghong Gu, Qiying Chen Write-once optical recording performances of phthalocyanine compound films 56309
Fuxi Gan *see* Qiying Chen 63351
Fuxi Gan *see* Qiying Chen 72286
Fuxi Gan *see* Gan Fuxi
Fuxjaeger, A.W., Iltis, R.A. Adaptive parameter estimation using parallel Kalman filtering for spread spectrum code and Doppler tracking 65586
Fuxjaeger, A.W., Iltis, R.A. Acquisition of timing and Doppler-shift in a direct-sequence spread-spectrum system 97038
Fuyao Tong *see* Tong Fuyao
Fuyau Lin Design and validation of a message-passing system 65309
Fuying Zhu *see* Zhu Fuying
Fuyuki, T. *see* Fujii, T. 70124
Fuyuki, T. *see* Fujii, T. 100593
Fuyuki, T. *see* Komatsu, Y. 100445
Fuyun Ling *see* Zhao, K. 74187
Fuzesy, R. *see* Shapiro, G. 76455
Fuzheng Zhou *see* Zhenhua Li 56664
Fuzheng Zhou *see* Zhou Fuzheng
Fyath, R.S., Sayhood, K.H., Suheal, G.A. Impact of laser phase noise on the performance of a multichannel optical homodyne PSK system 75414
Fyath, R.S. *see* Sayhood, K.H. 86372
Fye, G. *see* Thomsen, S.V. 77149
Fynn, K.A. *see* Siliquini, J.F. 72612
Fyodorov, A.A., Korzhik, M.V., Smirnova, S.A., Drobyshev, G.Yu. $YAlO_3:RE^{3+}$ scintillators: application for ionizing radiation detection 98628
Fyodorov, A.A. *see* Buyanov, O.V. 98501
Fyodorov, A.I., Tarasenko, V.F. Transverse discharge excitation copper vapor laser with pulsed vapor generation 94349
Fyodorov, V.B. *see* Akimov, V.A. 53286
G., A.Zuniga *see* Zuniga G., A.
Gaag, B.P.Van Der *see* Van Der Gaag, B.P.
Gaal, J. *see* Elek, K. 65494
Gabanov, V.P., Korovin, S.D., Pegel, I.V., Rostov, V.V., Stepchenko, A.S., Ul'maskulov, M.R., Shpak, V.G., Shunailov, S.A., Yalandin, M.I. Generation of high-power nanosecond pulses of electromagnetic radiation 90182
Gabara, T. Pulsed low power CMOS 82080
Gabara, T., Fischer, W., Knauer, S., Frye, R., Tai, K., Lau, M. An I/O CMOS buffer set for silicon multichip module's (MCM) 54526
Gabara, T., Tai, K., Lau, M., Shin Pei, Frye, R., Sullivan, P. A 27 mW CMOS RF oscillator operating at 1.2 GHz 49201
Gabathuler, K., Horisberger, R., Brogle, M., Eichler, R., Grab, C., Pitzl, D., Egli, S., Steiner, S., Truol, P. A silicon vertex detector with pipelining front-end electronics for H1 at HERA 59070
Gabathuler, K. *see* Burger, J. 98570
Gabathuler, K. *see* Jorgens, V. 59161
Gabathuler, K. *see* Pitzl, D. 88027
Gabbitas, I. *see* Wiens, D.A. 80985
Gabbouj, M. *see* Astola, J. 64417
Gabbouj, M. *see* Bors, A.G. 74334
Gabbouj, M. *see* Dobrin, B.P. 64634
Gabbouj, M. *see* Karczewicz, M. 85114
Gabbouj, M. *see* Ruikang Yang 64676
Gabbouj, M. *see* Ruikang Yang 73999
Gabbouj, M. *see* Sindoukas, D.I. 96872
Gabbouj, M. *see* Sun, T. 64625
Gabbouj, M. *see* Tabus, I. 64620
Gabbouj, M. *see* Tabus, I. 85106
Gabbouj, M. *see* Tabus, I. 95966
Gabbouj, M. *see* Tong Sun 84202
Gabbouj, M. *see* Viero, T. 85130
Gabbouj, M. *see* Yang, R. 64415
Gabbouj, M. *see* Yang, R. 64651
Gabco, L. *see* Mudroncik, D. 68008
Gabella, P., Knowles, E. Obtaining process data from defect-detection information to improve device yield 60929
Gabella, W., Rosenzweig, J., Kick, R., Peggs, S. RF voltage modulation at discrete frequencies, with applications to crystal channeling extraction 98445
Gabella, W. *see* Barletta, B. 76636
Gabella, W. *see* Carrigan, R.A., Jr. 59039
Gabella, W. *see* Cline, D. 76545
Gabella, W. *see* Syphers, M.J. 66966
Gabella, W.E., Rosenzweig, J., Kick, R., Peggs, S. RF voltage modulation at discrete frequencies, for application to proton extraction using crystal channeling 66912
Gabgyu Lim *see* Jae Soo Yoo 63757
Gabla, P.M. Optical fiber amplifiers spur a new generation of submarine systems 86388
Gable, R.A. IXC management tools for 800 services 85504
Gabler, A.R., Doring, W., Fuchs, M., Krusche, B., Metag, V., Novotny, R., Robig-Landau, M., Stroher, H., Tries, V., Molenaar, C., Lohner, H., van Pol, J.H.G., Raschke, A., Sumbera, M., Venema, L.B., Wilschut, H.W., Averbeck, R., Niebur, W., Schubert, A., Simon, R.S., Beck, R., Peise, J., Miller, G.J., Owens, R.O., Anton, G. Response of TAPS to monochromatic photons with energies between 45 and 790 MeV 67416
Gabler, U., Netz, S., Fischer, W.-J. Development of an application-specific signal processor kernel for a speech synthesis circuit 84163
Gabor, A.M., Tuttle, J.R., Albin, D.S., Contreras, M.A., Noufi, R., Hermann, A.M. High-efficiency $CuIn_xGa_{1-x}Se_2$ solar cells made from $(In_x,Ga_{1-x})_2Se_3$ precursor films 78820
Gabor, A.M., Tuttle, T.R., Albin, D.S., Tennant, A.L., Contreras, M.A., Noufi, R., Hermann, A.M. High efficiency polycrystalline $Cu(In,Ga)Se_2$-based solar cells 90407
Gabor, A.M. *see* Contreras, M.A. 100759
Gabor, A.M. *see* Tuttle, J.R. 91549
Gabor, G. *see* Guoqi Qian 95114
Gabor, S. *see* Hascicek, Y.S. 82448
Gaborit, F. *see* Gaumont-Goarin, E. 56787
Gabrani, G. *see* Raveendra, K.R. 83916
Gabrhel, B. *see* Jan, J. 98766
Gabri, S., Martincic, M. Switching system MD110 and data transmission 85992
Gabriagues, J.-M. *see* Jacob, J.-B. 52503
Gabriagues, J.-M. *see* Masetti, F. 52505
Gabriagues, J.M., Benoit, J., Chiaroni, D., De Bouard, D., Doussiere, P., Durhuus, T., Gavignet-Morin, P., Grard, E., Jacob, J.B., Jacquet, J., Joergensen, C., Leclerc, D., Masetti, F., Perrier, P.A., Stubkjaer, K.E. Design, modelling and implementation of the ATMOS project fibre delay line photonic switching matrix 97301
Gabriagues, J.M. *see* Jacob, J.B. 65543
Gabriel, A., Dauvergne, F., Nolting, H.F., Koch, M.H.J. Energy resolution using delay line detectors 98525
Gabriel, A. *see* Berry, A. 88084
Gabriel, A. *see* Cipriani, F. 67389
Gabriel, C. High density plasma etching: a gate oxide damage study 62425
Gabriel, C. Charge buildup damage to gate oxide [CMOS technology] 62971
Gabriel, C. *see* Jain, V. 62549
Gabriel, C.T., Weling, M.G. Gate oxide damage reduction using a protective dielectric layer 82063
Gabriel, C.T., Weling, M.G. Damage to thin gate oxide during lightly doped drain spacer oxide etching 93212
Gabriel, C.T. *see* Nariani, S.R. 80498
Gabriel, S.B. Spectral form of the large solar proton events of solar cycle 22 67666
Gabriel, T.A. *see* Zeitnitz, C. 98646
Gabriel, W.P. *see* Jones, K. 86913
Gabrielli, C. *see* Arkam, C. 87566
Gabrielli, G. *see* Sottini, S. 56903
Gabrielli, L. *see* Bondonno, M. 74829
Gabrielli, L. *see* Bondonno, M. 85508
Gabrielli, L. *see* Di Concetto, M. 65539
Gabrielson, T.B. *see* Rockstad, H.K. 66241
Gabsi, M. *see* Laurent, P. 60199
Gaburro, Z. *see* Gauthier, C. 98713
Gabutti, A. *see* Abplanalp, M. 53309
Gac, C. *see* Rosolen, C. 86642
Gac, I.Le *see* Le Gac, I.
Gachagan, A., Hayward, G., Wright, W.M.D., Hutchins, D.A. Air coupled piezoelectric detection of laser generated ultrasound 99364
Gachagan, A. *see* Hutchins, D.A. 99349
Gacon, J.C. *see* Jurdyc, A.M. 50670
Gacs, A. *see* Gado, J. 53889
Gacs, P., Gal, A. Lower bounds for the complexity of reliable Boolean circuits with noisy gates 70442
Gadave, K.M., Jodgudri, S.A., Lokhande, C.D. Chemical deposition of PbS from an acidic bath 61333
Gadbury, J.E. Application benefits of single-phase digitally controlled vacuum reclosers 90301
Gaddis, D. *see* Baker, R. 69421
Gaddy, J.R. *see* Bernecker, C.A. 90638
Gade, M. *see* Wismann, V. 99301
Gadelrab, S.M., Chamberlain, S.G. The effects of metal-n^+ interface and space charge limited conduction on the performance of amorphous silicon thin-film transistors 50009
Gadepally, B. *see* Yuan, J.-S. 56087
Gader, P. *see* Keller, J.M. 84912
Gader, P.D., Won, Y., Khabou, M.A. Image algebra networks for pattern classification 85113
Gader, P.D. *see* Ganzberger, M.J. 95647
Gadgil, P.N., Parameswaran, M., McEwen, J. A micromachined pressure-time recorder for medical applications 98755
Gadirova, I.R. *see* Lebedeva, N.N. 55560
Gadkari, S.C. *see* Gupta, S.K. 66650
Gado, J., Kereszturi, A., Gacs, A., Telbisz, M. VVER reactor physics code applications 53889
Gadomski, S., Turala, M. Vertex detection at LHC 53301
Gadomski, W. *see* Meucci, R. 56608
Gadonas, R. *see* Berzanskis, A. 94584
Gadonas, R. *see* Jonusauskas, G. 94621
Gadonna, M., Mabrouki, A. Polarization sensitivity measurement methods for passive optical components 52491
Gadre, V.M., Patney, R.K. Some novel multirate architectures for filter realization with reduced multiplicative complexity 80481
Gaetz, W., Jantzen, K., Weinberg, H., Spong, P., Symonds, H. A neural network method for recognition of individual Orcinus orca based on their acoustic behaviour: phase 1 77765
Gaff, S. *see* Mercer, D.J. 87998
Gaffard, C. *see* Stoffelen, A. 67818
Gaffiot, F. *see* Mathias, H. 91726
Gaffney, K.S., Morones, P. Advanced-aircraft integrated-diagnostics system-concept evaluation 59436
Gaffur, H., Sukyoon Yoon Test structures for extraction of MOSFET capacitances 62751
Gafiteanu, R. *see* Qin-Yi Tong 62381
Gafvert, U. *see* Werelius, P. 89287

Gag, X., Sasaki, A., Zheng, Y. Formation mechanism of self-pumped phase-conjugate mirror using a Cu-doped $(K_{0.5}Na_{0.5})_{0.2}(Sr_{0.61}Ba_{0.39})_{0.9}Nb_2O_6$ crystal 94607

Gage, E.C. *see* Ryan, A.T. 63793

Gage, K.S. *see* McAfee, J.R. 88760

Gaggio, G. *see* Coluccia, M. 89190

Gaggioli, N.G. *see* Rebollo, M.A. 95661

Gaggiotti, G., Galdikas, A., Kaciulis, S., Mattogno, G., Setkus, A. Surface chemistry of tin oxide based gas sensors 98162

Aglia, A. *see* Santamouris, M. 69032

Gagliardi, C. *see* Barakat, M. 98712

Gagliardi, F. *see* Caramia, P. 49522

Gagliardi, F. *see* Carpinelli, G. 99413

Gagliardi, F. *see* Chiodo, E. 99609

Gagliardi, F. *see* Gianfranceschi, L. 85507

Gagliardi, P. *see* Bixio, A. 67142

Gagliardi, R., Reed, I., Xiaoli Yu Target detection in images with generalized speckle noise 74236

Gagliardi, R.M., Margalit, A. Misregistration effects on multiple scene clutter rejection 84589

Gagliardi, R.M. *see* Mendez, A.J. 86481

Gagnadre, C. *see* Darraud, C. 63336

Gagnadre, C. *see* Darraud, C. 82518

Gagnadre, C. *see* Darraud, C. 82670

Gagnaire, H. *see* Brehm, C. 82616

Gagnaire, H. *see* Pigeon, F. 87231

Gagnaire, H. *see* Ronot, C. 66522

Gagnaire, M., Cartier, N. Source policing at the output of a DQDB/B-ISDN interconnection gateway 65286

Gagnaire, M., Macario, G. Bandwidth allocation on the Metaring Gigabit/s network 85751

Gagnaire, M., Uso, T. Performance evaluation of frame relay based on the packet trains model 96712

Gagnepain, J.-J. Microtechnologies: international realities and outlooks. Research and development in France 97885

Gagnon, A., Frechette, M. Synergistic radar: novel applications and performance 97425

Gagnon, D. *see* Therrien, M. 59304

Gagnon, E.D. *see* Lush, G.B. 100735

Gagnon, E.P. *see* Jinxing Shen 83512

Gagnon, F., Batani, N., Dam, T.Q. Simplified implementation of a soft decision threshold decoder 73680

Gagnon, F., Bourdeau, R., Berrouard, J., Batani, N., Belzile, J. On the validation of a simulator for a high-speed digital microwave radio 86073

Gagnon, F., Gregoire, J.-C. Implementation of delegation in distributed network administration 96478

Gagnon, G. Multiresolution video coding for HDTV 86740

Gagnon, H., Soucy, M., Bergevin, R., Laurendeau, D. Registration of multiple range views for automatic 3-D model building 74591

Gagnon, L., Stievenart, N. N-soliton interaction in optical fibers: the multiple-pole case 56862

Gagnon, R., Viarouge, P., Kamwa, I., Le-Huy, H. Calculation method of saturated magnetic circuits for the CAD of electrical machines 89800

Gagnon, S. *see* Ouellette, F. 97339

Gagnoulet, C. *see* Jouvet, D. 73889

Gago-Sandoval, P.A. *see* Carey, R. 50254

Gahng Hae Dong *see* Hae Dong Gahng

Gai, H., Lockyear, C.F. An acoustic method to evaluate cement quality in an oil well 53559

Gai, S., Montessoro, P.L. Creator: new advanced concepts in concurrent simulation 55089

Gai, S., Montessoro, P.L., Sonza Reorda, M. TORSIM: An efficient fault simulator for synchronous sequential circuits 49296

Gai, W., Hill, N., Ho, C., Schoessow, P., Simpson, J. The Argonne Wakefield Accelerator (AWA) laser system and its laser pulse shaper 72996

Gai, W. *see* Schoessow, P. 76364

Gaiarsa, A.E., Capson, D.W. Real-time measurement of corner position in binary images 87527

Gaidai, Yu.A. *see* Zaets, V.I. 82752

Gaidon, T. *see* Barlaud, M. 74327

Gaidos, G. *see* Gingrich, D. 53291

Gaiewski, W.R., Dunleavy, L.P., Geis, L.A. Hybrid inductor modeling for successful filter design 70955

Gaiko, O.L., Kotomtseva, L.A., Nevdakh, V.V., Orlov, L.N., Samson, A.M. Dynamic chaos in a CO_2-laser with a saturating absorber 63664

Gaiko, O.L., Kotomtseva, L.A., Nevdakh, V.V., Orlov, L.N., Samson, A.M. Dynamics of operation of a CO_2 laser with methanol and ethanol vapours as intracavity saturable absorbers 82899

Gaikovich, K.P. Simultaneous solution of emission transfer and thermal conductivity equations in the problems of atmosphere and subsurface radiothermometry 77326

Gaikovich, K.P., Reznik, A.N., Troitskii, R.V. Radiometry of dynamics of water-medium temperature profile by internal-wave transmission 66713

Gaikovich, P. Use of the heat-evolution equation to determine temperature distribution in half-space by thermal radio emission 52664

Gail, W.B. A simplified calibration technique for polarimetric radars 77280

Gaillard, E. *see* Bacci, C. 67317

Gaillard, G. *see* Vennat, J.C. 98900

Gaillard, H. *see* Stich, H. 97479

Gaillard, P. *see* Jobert, M. 77022

Gaillard, R., Poirault, G. Numerical simulation of hard errors induced by heavy ions in 4T high density SRAM cells 70479

Gaillard, R. *see* Stassinopoulos, E.G. 71645

Gaillard, S. *see* Baranov, A.N. 72892

Gaillard, S. *see* Vidal, Y. 94533

Gaille, F. A 20 km long underwater optical fiber cable with 44 fibers 86514

Gailus, M. *see* Zanella, F. 70972

Gaines, B.R., Shaw, M.L.G. The production of multimedia publications 96412

Gaines, D.F. *see* Huang, J.W. 79795

Gaines, J. *see* Chen, W. 71206

Gaines, J.M., Ponzoni, C.A. An investigation of MBE growth of(Zn, Mg)Se using RHEED oscillations 48956

Gaines, J.M. *see* Drenten, R.R. 83152

Gaines, J.M. *see* Li, L.K. 55727

Gaines, J.M. *see* Petruzzello, J. 72867

Gairola, R.M. *see* Gautam, N. 67759

Gaisenok, V.A., Krylov, G.G., Sergeev, S.V. Dye lasers. Effects of orientational relaxation 56644

Gaiser, H. *see* Langenbeck, B. 76856

Gaiser, H. *see* Moritz, G. 72271

Gaisler, J. Concurrent error-detection and modular fault-tolerance in a 32-bit processing core for embedded space flight applications 70577

Gaitan, M., Parameswaran, M., Johnson, R.B., Chung, R. Commercial CMOS foundry thermal display for dynamic thermal scene simulation 66616

Gaitan, M. *see* Witczak, S.C. 71218

Gaitan, M. *see* Zincke, C. 66232

Gaitano, G.G. *see* Tardajos, G. 87610

Gaitanos, N.G. Convergence domains for the symmetric successive overrelaxation method 91352

Gaiti, D. Introducing intelligence in distributed system management 85976

Gaiti, D. *see* Pujolle, G. 85875

Gaitskell, R.J. *see* Booth, N.E. 59060

Gaitskell, R.J. *see* Swift, A.M. 59165

Gaivoronski, A. *see* Bonatti, M. 58000

Gaivoronski, A.A. *see* Bonatti, M. 65512

Gaivoronskii, A.G. *see* Vedeneev, A.S. 55532

Gaj, J. *see* Grieshaber, W. 81268

Gajda, J. *see* Szyper, M. 66113

Gajda, M.A., Ahmed, H., Shaw, J.E.A., Putnis, A. Anisotropic etching of silicon in hydrazine 52806

Gajdeczko, B. *see* Wen, F. 76257

Gajecki, M. *see* Zielinski, K. 65402

Gajek, L., Zagrodny, D. Approximate necessary conditions for locally weak Pareto optimality 69762

Gajewski, D.A. *see* Sun, A.G. 82371

Gajewski, J.B. Measuring probes, head, and system for the non-contact, electrostatic measurements of the two-phase flow parameters in pneumatic transport of solids 58998

Gajewski, J.B., Kacprzyk, R., Zuk, J. Electrostatic, noncontact, continuous, and real-time velocity measurements in pneumatic transport pipes 66763

Gajewski, J.B., Kacprzyk, R., Zuk, J. Field mill and its application for measuring the mass flow rate 66764

Gajewski, J.B. *see* Kacprzyk, R. 63081

Gajic, Z., Lim, M.T. A new filtering method for linear singularly perturbed systems 84490

Gajowniczek, P. *see* Pioro, M. 65005

Gajski, D.D. A VHDL-based system-design methodology 55071

Gajski, D.D., Ramachandran, L., Fung, P., Narayan, S., Vahid, F. 100-hour design cycle: a test case 92000

Gajski, D.D., Vahid, F., Narayan, S. A system-design methodology: executable-specification refinement 49084

Gajski, D.D. *see* Bakshi, S. 91740

Gajski, D.D. *see* Bakshi, S. 92411

Gajski, D.D. *see* Holmes, N.D. 49080

Gajski, D.D. *see* Hsiao-ping Juan 91818

Gajski, D.D. *see* Narayan, S. 96215

Gak Kim Tae *see* Tae Gak Kim

Gakuhari, K. *see* Shimazu, Y. 67316

Gal, A. *see* Gacs, P. 70442

Gal, C. *see* McMath, W.S. 97887

Gal, C. *see* McMath, W.S. 97993

Gal, M. *see* Kraisingdecha, P. 71317

Gala, M.M.R., Utama, P., Ross, D.E., Watson, K.L. Linear finite state machine for lD ILAs 49395

Galagadera, S.B. *see* Morgado, C.J.S. 88239

Galagadera, S.B. *see* Morgado, C.J.S. 98581

Galagedera, S.B., Allen, D., Baird, S.A., Church, I., Hardy, P., Hawthorne, P.A., Jaroslawski, S., Jarrett, J., Madani Bozorg, M.S., Matson, R., Quinton, S.P.H., Cassidy, A., Cussans, D., Heath, H.F., Foster, B., Morgado, C.J.S., Tapper, R.J. The timing and control system of the ZEUS Tracking Detector data acquisition electronics 88240

Galagedera, S.B., Allen, D., Baird, S.A., Church, I., Hardy, P., Jaroslawski, S., Jarrett, J., Matson, R., Quinton, S.P.H., Cassidy, A., Cussans, D., Fawcett, H.F., Foster, B., Morgado, C.J.S., Tapper, R.J. The timing and control system of the ZEUS tracking detector data acquisition electronics 98670

Galakhov, V.V., Moiseyev, V.G., Chernykha, V.A. The delay in switching off power bipolar transistors for a nonrectangular form of the collector current pulses 55900

Galaktionov, Yu. *see* Ahlen, S. 98641

Galambos, G., van Vliet, A. Lower bounds for 1-, 2- and 3-dimensional on-line bin packing algorithms 61088

Galan, J. *see* Bonilla, L.L. 93000

Galan, L. *see* Merino, J.M. 100651

Galan, N. *see* Bucurenciu, S. 54197

Galanes, F.M.Gimenez de los *see* Gimenez de los Galanes, F.M.

Galanopoulos, A.S., Hamilton, R.L., Jr. Recursive retransmission control for a two-station slotted-ALOHA network 58288

Galante, N. *see* Perini, D. 82426

Galarneau, P. *see* Labranche, B. 56682

Galarneau, P. *see* Morin, M. 94566

Galarneau, P. *see* Taillon, Y. 56683

Galashkina, I.A. *see* Brui, E.B. 73140

Galassi, G.M. *see* Belsito, S. 60072

Galasso, G. *see* Cuomo, D. 52512

Galati, G., Ferri, M., Marti, F. Advanced radar techniques for the air transport system: the surface movement miniradar concept 77196

Galati, G. *see* Aloisio, V. 58462

Galatsan, V.N. *see* Levchenko, E.V. 53935

Galatsan, V.N. *see* Levchenko, E.V. 89624

Galatsanos, N.P. *see* Banham, M.R. 85006

Galatsanos, N.P. *see* Wurster, J.L. 67505

Galatsanos, N.P. *see* Xiong, Z. 85050

Galatsanos, N.P. *see* Yang, Y. 85035

Galatsanos, N.P. *see* Yongyi Yang 84734

Galatsanos, N.P. *see* Yongyi Yang 95637

Galberg, V.P. *see* Groshev, A.I. 99878

Galbiati, G., Maffioli, F. On the computation of pfaffians 69847

Galbraith, I. *see* Kawakami, Y. 72871

Galbraith, R.A.McD. *see* Coton, F.N. 68504

Galbraith, R.L. *see* Kerwin, G.J. 50332

Galbreath, J., Andreotta, R.J. Developing and using the National Information Infrastructure 52166

Galchin, A.V. *see* Shkaratan, O.I. 69470

Galdi, C. *see* Conte, E. 67868

Galdikas, A., Gecys, V., Jasutis, V., Mickevicius, S., Tvardauskas, H. Mercury vapour-sensitive MOSFET with gold gate membrane 87079

Galdikas, A., Grigonis, A., Pranevicius, L., Vosylius, J. Formation of the altered layer in silicon during RF reactive sputtering 81537

Galdikas, A., Pranevicius, L., Vosylius, J. Simulation of dry etching through a mask 93235

Galdikas, A. *see* Ambraziviciene, V. 87329

Galdikas, A. *see* Gaggiotti, G. 98162

Galdin, S. *see* Abramo, A. 81195

Gale, A.G., Brown, I.D., Haslegrave, C.M., Kruysse, H.W., Taylor, S.P. *(editors)* Vision in Vehicles - IV 90711

Gale, D.C. *see* Zhai, T. 63961

Gale, G.M. *see* Driscoll, T.J. 83268

Gale, M.T., Rossi, M., Schutz, H. Fabrication of continuous-relief microoptical elements by direct laser writing in photoresist 63528

Gale, P.F., Giannattasio, B.F. Travelling waves get to the point [fault location] 53846

Galea, S.C. *see* Chiu, W.K. 97982

Galeev, R.S. Numerical simulation of fast axial flow CO_2 laser 82937

Galegher, J., Kraut, R.E. Computer-mediated communication and collaborative writing: media influence and adaptation to communication constraints 96718

Galeotti, P. *see* Aglietta, M. 67318

Galeotti, S., Morsani, F., Passuello, D., Ristori, L., Sciacca, G., Turini, N. The GLUEchip: a custom VLSI chip for detector readout and associative memory circuits 70665

Galeotti, S. *see* Amidei, D. 98639

Gali, A. *see* Dantoni, F. 70850

Galiana, F.D., Javidi, H., McFee, S. On the application of a pre-conditioned conjugate gradient algorithm to power network analysis 53650

Galiana, F.D., Javidi, H., McFee, S. On the application of a pre-conditioned conjugate gradient algorithm to power network analysis 77836

Galiana, F.D. *see* Almeida, K.C. 53618

Galiana, F.D. *see* Almeida, K.C. 59789

Galiana, F.D. *see* Javidi, H. 99423

Galiana, F.D. *see* Marceau, R.J. 53652

Galiana, F.D. *see* Marceau, R.J. 77949

Galiana, F.D. *see* Ooi, B.T. 90112

Galiano, I., Sanchis, E., Casacuberta, F., Torres, I. Acoustic-phonetic decoding of Spanish continuous speech 64392

Galibert, J. *see* Wasim, S.M. 71143

Galica, J. *see* Agro, S. 90450

Galich, N.E. Optical turbulence and 'minimal' thermal self-defocusing of a vertical laser beam in liquids and gases 83245

Galicia, Y. *see* Arellano, J. 68383

Galijan, R.C. *see* Gilkey, J.Y. 67956

Galimberti, A. *see* Abrami, A. 98715

Galina, E.R. *see* Kalyashova, Z.N. 56971

Galindez, J.A.Sanchez *see* Sanchez Galindez, J.A.

Galinski, G. *see* Balachandran, U. 63327

Galios, G. *see* Bogaert, G. 59020

Galishnikova, T.N. *see* Ilyinskii, A.S. 57104
Galitz, R. Communication system application for vehicle safety and security systems 78980
Galkin, A., Klimovskii, I. Computer model of copper-vapor laser with the average specific output power above 1 W/cm^3 94348
Galkin, A.Ya. *see* Andreev, P.V. 59515
Galkin, A.Ya. *see* Andreev, P.V. 59516
Galkin, A.Ya. *see* Andreev, P.V. 60074
Galkin, V.Ya., Karpenko, V.A., Kovrigin, V.A., Pliskin, S.Yu. Use of dynamics spectral transform in identification problems 74183
Galko, P.A. *see* Hashemi, H. 75039
Gall, H.Le *see* Le Gall, H.
Gall, J.Le *see* Le Gall, J.
Gall, M. *see* Nesbit, L. 92191
Gall, P.Le *see* Le Gall, P.
Gall, Y.Le *see* Le Gall, Y.
Gallabresi, S. Protective transformers 80935
Gallager, R.G. *see* Parekh, A.K. 74820
Gallager, R.G. *see* Simmons, J.M. 57353
Gallagher, A. *see* Hart, R.C. 83335
Gallagher, B.L. *see* Qin, G. 49996
Gallagher, D. *see* Dohler, G. 92888
Gallagher, J. *see* Lawrence, J.D. 78283
Gallagher, M., Bennett, S.A.W., Darnell, M., Honary, B. Advanced radio system architectures to integrate network and frequency management 96991
Gallagher, M. *see* Bartlett, A. 95457
Gallagher, M. *see* Quirke, T.M. 97027
Gallagher, M. *see* Ripley, M. 97193
Gallagher, N.C., Jr. *see* Hawley, R.W. 69782
Gallagher, N.C., Jr. *see* Hawley, R.W. 80187
Gallagher, R.S. Terpenes: a 'natural' solvent choice 81042
Gallagher, T.W. *see* Xiaofan Feng 58826
Gallagher, W.J. *see* Koch, R.H. 72226
Gallagher, W.J. *see* Koch, R.H. 93946
Gallant, J. High-speed modems 65496
Gallant, J. Low-power ASICs save board space and time to market 70338
Gallant, J. Peripherals race to catch up with today's CPUs 85685
Gallant, L. *see* Bloom, J.A. 77939
Gallant, M. *see* Lu, H. 56763
Gallant, W.A. *see* MacQuarrie, D.J. 99392
Gallardo, D. *see* Botti, V. 75007
Gallardo, J., Romano, T., van Sreenbergen, A. Magnetic performance of a variable period, fast excitation, wiggler 76347
Gallardo, J.C., Kirk, H.G. An injection scheme for the Brookhaven ATF utilizing space-charge emittance growth compensation 87812
Gallardo, J.C. *see* Dattoli, G. 83180
Gallardo, J.C. *see* Fisher, A.S. 76360
Gallardo, J.C. *see* Lehrman, I.S. 71022
Gallardo, J.C. *see* Xiaohao Zhang 72936
Gallardo, P.Acedo *see* Acedo Gallardo, P.
Gallaspy, D.T. *see* Tsatsaronis, G. 60109
Gallaspy, D.T. *see* Tsatsaronis, G. 60110
Gallatin, G.M. *see* Cronin, D.J. 71530
Gallawa, R.L., Kumar, A., Weisshaar, A. Fibre splice loss: a simple method of calculation 50459
Gallawa, R.L. *see* Kumar, A. 56385
Gallawa, R.L. *see* Kumar, A. 63428
Gallego, A., Carrion, M.C., Ruiz, D.P., Medouri, A. The relationship between AR-modelling bispectral estimation and the theory of linear prediction 64465
Gallego, A. *see* Hernandez, J.M. 55464
Gallego, S. *see* Bock, B. 53325
Gallegos, R.R. *see* Loubriel, G.M. 63577
Galler, M., De Mori, R. Using search to improve hidden Markov models 84035
Gallerano, G.P., Mishra, G. Spectral brightness of a longitudinal wiggler 83191
Gallersdorfer, R., Klabunde, K., Nellessen, R. An improved method for consistent replicated data in the intelligent network 52254
Gallery, R.D. *see* Trew, T.I.P. 85569
Gallet, B. *see* Dael, A. 88260
Gallet, B. *see* Vedrine, P. 87794
Galletti, E. *see* Brioschi, F. 72760
Galletti, E. *see* Fantini, V. 72957
Galley, N. Traffic relevant behavior monitored by the electro-oculogram (EOG) as a psychophysical measuring instrument 98889
Galli, A. *see* Di Nallo, C. 80606
Galli, A. *see* Di Nallo, C. 94925
Galli, M. *see* Dattoli, G. 72929
Galliano, F. *see* Ajmone Marsan, M. 85702
Galliano, G. *see* Bortot, R. 52518
Galligani, E. *see* Evans, D.J. 69841
Gallinari, P. *see* Mellouk, A. 73816
Gallio, M. *see* Baglin, C. 59083
Gallion, P. *see* Girardin, F. 83088
Gallion, P. *see* Yao, J. 50856
Gallivan, B. IT and resource sharing in Scottish libraries together with a note on image compression standards 84484
Gallo, A. *see* Bartalucci, S. 67061
Gallo, A.A. Effectors of high temperature reliability in epoxy encapsulated devices 91024
Gallo, E. Bellcore technical reference for surge protective devices on AC power circuits 60009
Gallo, J.T., Verber, C.M. Model for the effects of material shrinkage on volume holograms 94688
Gallo, N.J.Heraldo *see* Heraldo Gallo, N.J.
Gallo, S.A. *see* Donohue, P.C. 91056
Gallois, M. *see* Ancelin, C. 68377
Gallop, J.C., Petley, B.W. Josephson noise thermometry with HTS devices 87579
Gallop, J.C. *see* Abbas, F. 70854
Gallop, J.C. *see* Mossavati, R. 82885
Gallopyn, G. *see* de Veth, J. 84021
Gallopyn, G. *see* D'Haeger, V. 80957
Galloway, C. *see* Vlieks, A.E. 67011
Galloway, J. *see* Pazmany, A.L. 77405
Galloway, J. *see* Washburn, J. 59471
Galloway, J.L. Sonar calibrations at the Institute of Ocean Sciences 99254
Galloway, K.F. *see* Johnson, G.H. 71643
Galloway, K.F. *see* Khosropour, P. 71649
Galloway, K.F. *see* Kosier, S.L. 56054
Galloway, K.F. *see* Kosier, S.L. 62943
Galloway, K.F. *see* Lee, S.C. 56109
Galloway, K.F. *see* Schrimpf, R.D. 50069
Galloway, K.F. *see* Teowee, G. 56133
Galloway, R.L., Jr. *see* Edwards, C.A., II 67598
Galloway, S.A., Wilshaw, P.R., Konkol, A. An electron-beam-induced current study of dislocations in GaAs 55553
Galls, A. TMN implementation architecture in RACE 74841
Galluccio, A., Gargano, L., Korner, J., Simonyi, G. Different capacities of a digraph 79608
Galluccio, F. *see* Cardito, M. 76449
Galluccio, F. *see* Fedele, R. 66904
Gallupe, R.B. *see* Sheffield, J. 52244
Galluzzi, F. *see* Vincenzoni, R. 81390
Galluzzo, A. *see* Musumeci, S. 61531
Galluzzo, A. *see* Palara, S. 60591
Galluzzo, G.R. *see* Bucci, G. 100851
Galper, A.M. *see* Bolotnikov, A.E. 67415
Galper, A.M. *see* Ulin, S.E. 88134
Gal'perin, I.R. *see* Blinov, I.F. 78481
Galperin, Yu. *see* Hanke, U. 82370
Galperin, Yu.M. *see* Hanke, U. 81996
Galperin, Yu.M. *see* Hanke, U. 82004
Galperin, Yu.M. *see* Swahn, T. 71183
Gal'pern, A.D. Resolving power and modulation transfer function of "rainbow" holograms 73178
Gal'pern, A.D. *see* Smaev, V.P. 73181
Galstyan, T., Pauliat, G., Villing, A., Roosen, G. Adaptive photorefractive neurons for self-organizing networks 63508
Galt, D. *see* Hermann, A.M. 56284
Galt, D. *see* Wu, H.-D. 92491
Galtarossa, A., Gianello, G., Someda, C.G., Schiano, M. Stress investigation in optical fiber ribbon cable by means of polarization sensitive techniques 94076
Galtarossa, A., Matera, F., Schiano, M., Someda, C.G. Polarization dispersion and system performance: a review of experimental investigations 52489
Galtier, P. *see* Mathet, V. 79835
Galton, I. Granular quantization noise in a class of delta-sigma modulators 70332
Galunov, N. *see* Krainov, I. 60487
Galunulis, K., Ritter, R. Speckle interferometry in material testing and dimensioning of structures 73162
Galup-Montoro, C., Schneider, M.C., Koerich, A.L., Pinto, R.L.O. MOSFET threshold extraction from voltage-only measurements 81881
Galup-Montoro, C., Schneider, M.C., Loss, I.J.B. Series-parallel association of FET's for high gain and high frequency applications 82073
Galushkin, M.G., Garshev, V.I., Golubev, V.S., Zhuravlev, G.A., Zabelin, A.M. Nonlinear properties of stable cavities of high-power technological CO_2 lasers 56835
Galushkin, M.G., Golubev, V.S., Zabelin, A.M., Zavalova, V.E. Influence of diffusion of excited molecules on the energy parameters of the radiation of technological continuous-wave CO_2 lasers 56631
Galushkin, M.G., Golubev, V.S., Zhuravlev, G.A., Panchenko, V.Ya. Influence of wave front aberrations on the properties of self-filtering unstable cavity in technological CO_2 lasers 56834
Galushkin, M.G., Golubev, V.S., Zhuravlev, G.A., Zabelin, A.M., Korotchenko, A.V., Panchenko, V.Ya., Chernous, V.N. Optical systems of technological high-power CO_2 lasers 56630
Galushkin, M.G. *see* Vasiltsov, V.V. 56629
Galustov, A.S. *see* Bukreev, V.S. 77408
Galuzo, S.Yu. *see* Aleksandrov, A.F. 62119
Galvagno, G., La Ferla, A., Spinella, C., Priolo, F., Raineri, V., Torrisi, L., Rimini, E., Carnera, A., Gasparatto, A. Al-O interactions in ion-implanted crystalline silicon 81430
Galvan, E., Barrero, F., Aguirre, M.A., Torralba, A., Franquelo, L.G. A robust speed control of Ac motor drives based on fuzzy reasoning 69099
Galvanauskas, A., Fermann, M.E., Blixt, P., Tellefsen, J.A., Jr., Harter, D. Hybrid diode-laser fiber-amplifier source of high-energy ultrashort pulses 72747
Galvanauskas, A., Fermann, M.E., Harter, D. High-power amplification of femtosecond optical pulses in a diode-pumped fiber system 82977
Galvao, G.P. *see* Vasconcellos, E.C.C. 94340
Galvao, G.P. *see* Zink, L.R. 72694
Galvez, P.M. *see* Perez, P.C. 70224
Galvin, J.E. *see* Turko, B.T. 61776
Galyaev, N.A. *see* Zapolsky, V.N. 66975
Galyatdinov, R.S., Grishina, A.V., Dautov, R.S., Domrachev, V.N., Mirumyants, S.O., Terzi, V.F. Fabricating focusing gratings by electron-beam lithography 56399
Gam, K.S. *see* Kim, Y.-G. 87585
Gama, A.L. *see* von der Weid, J.P. 100977
Gama, S., Sinnecker, E.H.C.P., Ribeiro, C.A., Cardoso, L.P., Torikachvili, M.S. Phase relations and magnetic properties of Co-rich alloys of the U-Co system 50216
Gamal, A.El *see* El Gamal, A.
Gamal, S.H. *see* Locatelli, M.L. 90558
Gamal, S.H. *see* Morel, H. 55129
Gamani Karunasiri, R.P., Park, J.S., Wang, K.L., Chun, S.K. Infrared photodetectors with SiGe/Si multiple quantum wells 58756
Gamazin, S.I., Tsyruk, S.A., Ponarovkin, D.B. Steady-state conditions and transients in synchronous turbomotors with split stator windings 100107
Gambaccini, M., Marziani, M., Rimondi, O. A fast non-invasive beam check for mammography X-ray units 88448
Gambaccini, M. *see* Alfano, B. 59375
Gambaccini, M. *see* Bencivelli, W. 88436
Gambaccini, M. *see* Frontera, F. 76862
Gambe, S.M., Ozveren, C.S., Birch, A.P. A case study and review of reactive power management for distribution networks, based on the Zimbabwe Gokwe 33 kV rural network 99687
Gambhir, A. *see* Balle, S. 56781
Gambi, C.M.C. *see* Carla, M. 82102
Gambi, E. *see* Cancellieri, G. 86341
Gambi, E. *see* Chiaraluce, F. 82571
Gambini, M. A new series of moulded-case circuit breakers 78752
Gambino, J. *see* Nesbit, L. 92191
Gambino, R.J., Ruf, R.R., Bojarczuk, N. Macroscopic ferrimagnets as magneto-optic media 72060
Gamble, B. *see* Leung, E. 82481
Gamble, H.S., Armstrong, G.A., Armstrong, B.M. Polycrystalline silicon-silicon carbide emitters for heterojunction transistors 81815
Gamble, H.S. *see* Chiew, S.P. 91582
Gamble, H.S. *see* Quinn, L.J. 93429
Gamble, H.S. *see* Sellai, A. 71575
Gamble, H.S. *see* Wu, Y. 49865
Gamble, H.S. *see* Ye, L. 91452
Gambles, J. *see* Maki, G. 54388
Gamboa, F., Lavielle, M. On two-dimensional spectral realization 95590
Gambogi, W.J., Weber, A.M., Trout, T.J. Advances and applications of DuPont holographic photopolymers 56952
Gambosi, G. *see* Blazewicz, J. 85255
Game, D. *see* Rao, N.S.V. 65333
Gameiro, A., Matos, J.N. Suboptimum bit synchronization in high speed communications 70331
Gameiro, A. *see* Monteiro, P. 58398
Gamelin, J. *see* Zah, C.E. 97283
Gamerman, D. Bayes estimation of the piece-wise exponential distribution 61022
Gamiz, F., Melchor, I., Palma, A., Cartujo, P., Lopez-Villanueva, J.A. Effects of oxide-charge space correlation on electron mobility in inversion layers 55996
Gamm, A.Z. Optimisation of the operating conditions in power pools under new economic conditions 99498
Gammel, G., Debiak, T.W., Melnychuk, S., Sredniawski, J. H^- beam characteristics from a cesiated RF-driven multicusp source 53193
Gammel, G., Debiak, T.W., Melnychuk, S., Sredniawski, J. Measurements of emittance and species fractions of a positive hydrogen ion beam extracted from an RF-driven multicusp source 76735
Gammell, P.M. Partially air coupled through transmission ultrasonic inspection of large solid rocket motors 99116
Gammella, S. *see* Caponero, M.A. 73157
Gammie, G., Kozlowski, R., Mallavarpu, R., Palevsky, A. Field emission arrays for microwave applications 92877
Gammino, S. *see* Antaya, T.A. 53150
Gammino, S. *see* Antaya, T.A. 67264
Gammino, S. *see* Ciavola, G. 53149
Gammino, S. *see* Ciavola, G. 53164
Gammino, S. *see* Ciavola, G. 53165
Gammino, S. *see* Seyfert, P. 94014
Gammon, R.W. *see* Avramov, S. 86946
Gammon, R.W. *see* Avramov, S. 97796
Gamo, K. *see* Ishii, M. 71329
Gamo, K. *see* Takahara, J. 71189
Gamo, K. *see* Wakayama, S. 93049
Gamo, T. *see* Taniguchi, N. 78806
Gamo, Y., Susaki, W., Kurokawa, K., Miyoshi, H., Hori, T. Collaboration of line and staff in fully automated VLSI factory 60860
Gamoudi, M. *see* Guillaud, G. 71633
Gan, D., McKenzie, S. Source modelling for B-ISDN networks with ATM switching 52211
Gan, F.F. Design of optimal exponential CUSUM control charts 60996
Gan, F.F., Choi, K.P. Computing average run lengths for exponential CUSUM schemes 60997
Gan, K.K. *see* Tesarek, R.J. 98504

Gan, M.A., Novoselskiy, V.V. Analysis of wave aberrations of holographic deflector for laser scanning system 64011
Gan, M.A., Novoselskii, V.V. Calculating the wave-aberration coefficients for uncentered optical systems with holograms in the vicinity of the ray 83360
Gan, Q., Kotani, K., Miyahara, M. Quantizing accuracy for high quality color image processing 74291
Gan, Q. *see* Miyahara, M. 64744
Gan, Z.Z. *see* Zhu, X. 72204
Gan Fulin *see* Hu Xuehao 99835
Gan Fuxi *see* Gu Donghong 50449
Gan Fuxi *see* Luo Tao 63362
Gan Fuxi *see* Shu Juping 72295
Gan Fuxi *see* Fuxi Gan
Gan Qi *see* Qi Gan
Gan Xuewen *see* Wang Yangyuan 82081
Gan Zhou, Anderson, D.Z. Acoustic signal recognition with a photorefractive time-delay neural network 57413
Ganagi, M.S. *see* Sony Roy, T. 61178
Ganapathi, L., Zheng, J.P., Giles, S., Rao, R., Kwok, H.S. Superconducting $YBa_2Cu_3O_7$ bolometer on polycrystalline diamond 66349
Ganapathi, S.K. *see* Smith, P.W. 50270
Ganapathi, S.K. *see* Veillard, D.H. 50269
Ganapathy, R. *see* Mukherjee, S. 49171
Ganasan, J.R., Lee, Y.F. Fine pitch assembly techniques and processes using reflow soldering 92796
Ganchev, S., Qaddoumi, N., Zoughi, R. Detection optimization of disbond in layered composites with varying thicknesses using an open-ended rectangular waveguide 87474
Ganchev, S. *see* Qaddoumi, N. 87473
Ganchev, S.I. *see* Bakhtiari, S. 53044
Ganchev, S.I. *see* Bakhtiari, S. 83727
Ganci, P.R., Hajjar, J.-J.J., Clark, T., Humphries, P., Lapham, J., Buss, D. Self-heating in high performance bipolar transistors fabricated on SOI substrates 62710
Ganciu, M., Modreanu, G., Pointu, A.M., Popescu, I.I. Generation of intense pulsed electron beams by superposition of two discharges 71055
Gancz, V. *see* Vijdea, A.-M. 77693
Gandal, N. The development of cable television in Israel 58599
Gandelli, A., Ottoboni, R. Analog processing electronics in intelligent sensors for advanced robotics 97934
Gandelli, A. *see* D'Antona, G. 97868
Gander, H., Filz, K., Vincze, M., Prenninger, J. Application of a floating point digital signal processor to a dynamic robot measurement system 97791
Gander, M.R. *see* Gelow, W.J. 97720
Gander, R.E., McClements, J.D., Sanderson, L.K., Rostad, B.A., Josephson, K.E., Pratt, A.J. Sprint start instrumentation 87002
Gandhi, B. *see* Brower, B.V. 96088
Gandhi, D.R., O'Brien, W.D., Jr. Nonlinear acoustic wave propagation in tissue medium 98774
Gandhi, O.P. *see* Furse, C.M. 59422
Gandhi, O.P. *see* Ren, J. 51268
Gandhi, O.P. *see* Weiguo Xi 98996
Gandhi, P. *see* Capote, M.A. 92800
Gandhi, P.P., Kassam, S.A. Optimality of the cell averaging CFAR detector 95432
Gandhi, P.P., Rao, S.S., Pappu, R.S. On waveform coding using wavelets 95176
Gandhi, P.P. *see* Ramamurti, V. 74109
Gandhi, P.P. *see* Witte, C.S. 75538
Gandikota, M. *see* Karam, M. 68526
Gandini, A. *see* Cantoni, P. 53306
Gandotra, V.K., Gupta, S.C. Growth and characterization of anodic sulphide films on $Hg_{0.80}Cd_{0.20}Te$ grown from freshly prepared solution and stored solution 79773
Gandy, C., Lewis, A.R., Mason, S.T. Getting DAB on the air: implementing a DAB transmitter network 97594
Ganeev, R.A., Gasanov, E.M., Gulamova, R.R., Kunin, D.G., Sazonova, E.V., Usmanov, T. A small quartz density meter to control intense ionizing radiation 53356
Ganeev, R.A. *see* Usmanov, T. 72773
Ganem, J.-J. *see* Breelle, E. 81543
Ganesan, G.S., Berg, H.M. Model and analyses for solder reflow cracking phenomenon in SMT plastic packages 91039
Ganesan, K., Leon, B.J. Applications of transmission line theory in power engineering 89193
Ganesan, M. *see* Gnana Sahaya Rosilda, L. 68973
Ganesan, M. *see* Patnaik, R.S.M. 68974
Ganesan, S. *see* Kamat, V. 74545
Ganesh, A.J. *see* Anantharam, V. 74682
Ganesh, L.S. *see* Ramanathan, R. 78253
Ganesh, S. *see* Patnaik, R.S.M. 68974
Ganeshan, S.R. *see* Ellis, R.E. 75901
Ganetis, G. *see* Gupta, R. 76648
Ganetis, G. *see* Lindner, M. 82420
Ganetis, G. *see* Muratore, J. 82419
Ganetis, G. *see* Thompson, P. 76655
Ganetis, G. *see* Wanderer, P. 82421
Ganetis, G. *see* Wanderer, P. 82422
Gang Bao, Cassandras, C.G. First and second derivative estimators for closed Jackson-like queueing networks using perturbation analysis techniques 69686
Gang He, Savellano, M.D., Atwater, H.A. Synthesis of dislocation free $Si_y(Sn_xC_{1-x})_{1-y}$ alloys by molecular beam deposition and solid phase epitaxy 70050
Gang He, Wlodarczyk, M.T. Laboratory and in-vehicle evaluation of fiber optic combustion pressure sensor 52913
Gang He *see* Wlodarczyk, R.T. 98077
Gang Li *see* Li Gang
Gang Liu *see* Shun-Shi Zhong 94965
Gang Luo, Dssouli, R., von Bochmann, G., Venkataram, P., Ghedamsi, A. Test generation with respect to distributed interfaces 65060
Gang Luo *see* Luo Gang
Gang Mu *see* Mu Gang
Gang Ruan *see* Ruan Gang
Gang Wang *see* Wang Gang
Gang Wei *see* Kwong, S. 84165
Gang Wu, Mukumoto, K., Fukuda, A. Analysis of an integrated voice and data transmission system using packet reservation multiple access 65654
Gang Wu, Mukumoto, K., Fukuda, A. Slotted idle signal multiple access scheme for two-way centralized wireless communication networks 65659
Gang Wu *see* Wu Gang
Gang Xiao *see* Qin Zhang 82544
Gang Xu, Segawa, E., Tsuji, S. Robust active contours with insensitive parameters 64739
Gang Yu *see* Kouvelis, P. 92674
Gang Yun *see* Hashemi, H. 75039
Gang Zhu Jian *see* Jian Gang Zhu
Gangadharan, R. *see* Prem Kumar, T. 68943
Gangal, S. *see* Gorwadkar, S. 81700
Gangey, M. *see* Prakash, O. 50036
Gangey, M. *see* Prakash, O. 72591
Gangi, A., Kastler, B., Arhan, J.-M., Klinkert, A., Grampp, J.-M., Dietemann, J.-L. A compact laser beam guidance system for interventional CT 76925
Gangla, V. *see* Nehl, T.W. 82288
Gangopadhyay, R. *see* Majumder, S.P. 65776
Gangopadhyay, R. *see* Majumder, S.P. 85092
Ganguly, A., Banerjee, J.P., Roy, S.K. Space charge dependence of negative resistance, avalanche layer width, and avalanche resonance frequency of SDR p^+ an Si IMPATT diodes with optimised doping profile 49962
Ganguly, A., Roy, S.K., Banerjee, J.P. Substrate thinning for fabrication of IMPATT diodes 70910
Ganguly, A.K. *see* Armstrong, C.M. 75607
Ganguly, A.K. *see* Choi, J.J. 62121
Ganguly, A.K. *see* Choi, J.J. 62124
Ganguly, A.K. *see* Choi, J.J. 81154
Ganguly, A.K. *see* Das, A.K. 50535
Ganguly, A.K. *see* Das, A.K. 56355
Ganguly, A.K. *see* Das, A.K. 66399
Ganguly, A.K. *see* Jensen, K.L. 62055
Ganguly, A.K. *see* Park, G.S. 92900
Ganguly, A.K. *see* Park, G.S. 98482
Ganguly, D. *see* Banerjee, S. 78268
Ganguly, D.D., Mohan, C.K., Ranka, S. A space-and-time-efficient coding algorithm for lattice computations 84003
Ganguly, G., Nishio, H., Matsuda, A. Reduction of the defect density in hydrogenated amorphous silicon by thermally energized growth precursors 70078
Ganguly, G. *see* Boyer, K.L. 95719
Ganguly, G. *see* Osborne, I.S. 91581
Ganguly, S. Diagnostics for ionospheric modification 83689
Ganguly, S., Goodman, J. SMART sounder—a system concept 88765
Gangyao Kuang, Zhongliang Lu, Suyi High-order moments modeling algorithm of radar target impulse response 86563
Gangyi Jiang *see* Jiang Gangyi
Ganiere, J.-D. *see* Araujo, D. 71157
Ganiev, K. *see* Abdukadyrov, M. 60460
Ganikhanov, Ph.Sh. *see* Usmanov, T. 72773
Ganin, E. *see* Nachman, R. 81592
Ganin, E. *see* Shahidi, G.G. 71790
Ganino, A.J. *see* Chaudhry, Z. 80008
Ganjoo, A. *see* Mehra, R.M. 62201
Ganley, J.L., Cohoon, J.P. A faster dynamic programming algorithm for exact rectilinear Steiner minimal trees 49066
Ganley, J.L. *see* Alexander, M.J. 91737
Gann, L. *see* Edberg, D. 99058
Gannac, Y., Degauque, J., Viala, B., Redoules, J.P. Models of the magnetic behaviour of GO and NO (3.2 wt% Si) and rapidly quenched (6.5 wt% Si) iron-silicon alloys 56206
Gannon, J. Getting the most from turbine flowmeters 76258
Gannon, J. *see* Burgett, W. 98480
Gannon, J. *see* McInturff, A.D. 76652
Gannon, J. *see* McInturff, A.D. 87671
Gannon, J. *see* Payne, J. 87038
Gannon, J. *see* Robinson, W. 76644
Gannon, J. *see* Sarkar, S. 87625
Gannon, J.J., Jr. *see* Riley, G.N., Jr. 63271
Gannon, T. *see* Mehta, A. 54509
Gansca, I. *see* Coman, G. 91342
Ganschow, G. *see* Dunkley, J. 62724
Gansman, R.F. *see* Fordham, M.J. 66706
Ganssauge, E. A new apparatus for track-analysis in nuclear track emulsion based on a CCD-camera device 88203
Ganssauge, E. *see* Roper, M. 88208
Ganster, M. *see* Dlaska, K. 91251
Ganz, A., Bo Li Implementation schemes of multihop lightwave networks 75480
Ganz, A., Gong, W.B., Krishna, C.M., Zhai, W. Reconfiguration algorithm for ring networks 74920
Ganz, A., Weibo Gong, Xudong Wang Wavelength assignment in multihop lightwave networks 75449
Ganz, A., Xudong Wang Efficient algorithm for virtual topology design in multihop lightwave networks 86373
Ganz, A., Yao Gao Time-wavelength assignment algorithms for high performance WDM star based systems 58413
Ganz, A., Yebin Gong, Bo Li Performance study of low Earth-orbit satellite systems 58362
Ganzberger, M.J., Rovner, R.M., Gillies, A.M., Hepp, D.J., Gader, P.D. Matching database records to handwritten text 95647
Ganzherli, N.M. *see* Denisyuk, Yu.N. 56946
Ganzherli, N.M. *see* Denisyuk, Yu.N. 56976
Gao, A.-J. *see* Zhu, Y.-M. 64544
Gao, B.J., Bird, M.D., Eyssa, Y.M., Schneider-Muntau, H.J. Material and cooling requirements for poly-Bitter resistive magnets and hybrid inserts generating continuous fields up to 50 T 83548
Gao, B.J. *see* Bird, M.D. 83547
Gao, B.J. *see* Bird, M.D. 83549
Gao, B.J. *see* Chen, J.L. 79510
Gao, C., Shamsuzzoha, M. The effect of annealing on moment density and phase formations in Fe-N films 50221
Gao, C.S. *see* Bai, J.Z. 53324
Gao, D.S. *see* Zhou, D. 54532
Gao, D.S. *see* Zhou, D. 82018
Gao, F. *see* Kruse, J. 98286
Gao, F. *see* Yongqian Liu 66357
Gao, G.B. *see* Morkoc, H. 81752
Gao, G.B. *see* Reed, J. 55952
Gao, G.R. *see* Govindarajan, R. 80340
Gao, G.S. *see* Bantly, J. 88241
Gao, G.S. *see* Bantly, J. 98590
Gao, H. *see* Ayyagari, M. 87305
Gao, H.-Y. *see* Bruce, A.G. 57588
Gao, J. Analytical formulae for the coupling coefficient β between a waveguide and a travelling wave structure 66807
Gao, J. Fundamental mode detuned travelling wave accelerating structure 67087
Gao, J. Demi-disk travelling wave accelerating structure 67088
Gao, J. *see* Hsia, P. 52274
Gao, J. *see* Matsubara, Y. 93987
Gao, J.R., van Wees, B.J., Kuipers, J.J., Heida, J.P., Klapwijk, T.M. Quantized conductance and electron focusing spectra of GaAs/AlGaAs point contacts fabricated by optical lithography 55589
Gao, M. *see* Cao, M. 75517
Gao, M.L. *see* Bai, J.Z. 53324
Gao, M.Z., Yeo, T.S., Kooi, P.S., Leong, M.S. Rain attenuation calculation using dielectric mixture with deformed rain drops 73348
Gao, N., Morgera, S.D. Frequency-hopped ARQ for wireless network data services 97054
Gao, R.X., Friedrich, C.R. Acoustic emission measurement for the in-process monitoring of diamond turning 99375
Gao, R.X., Yucheng Jin, Warrington, R.O. Microcomputer-based real-time bearing monitor 75855
Gao, R.X. *see* Rao, B.C. 98316
Gao, S. *see* Cheng, Z. 51031
Gao, S. *see* Nikias, C.L. 77005
Gao, S. *see* Yongli, Z. 78014
Gao, S. *see* Zhu Yongli 59681
Gao, S.Q. *see* Bai, J.Z. 53324
Gao, W., Kiyono, S., Okuyama, E. Absolute profile-measurement using software datum 87529
Gao, W., Snelgrove, W.M. The floating gate MOS device as an analogue trimming element 70784
Gao, W. *see* Kiyono, S. 76225
Gao, W.X. *see* Bai, J.Z. 53324
Gao, X.J. *see* Elliott, J.C. 67483
Gao, X.M., Peng Xiyuan, Li Chunming, Sun Shenghe The application of pencil-of-functions method in the digital deconvolution 95447
Gao, X.R. *see* Li, Z.J. 80108
Gao, Y. Nonlinear distortion in lightwave video transmission links due to intrinsic laser nonlinearity 52500
Gao, Y., Huang, T., Haton, J.-P. Central auditory model for spectral processing 84127
Gao, Y., Yu, Y.J., Tang, D.L., Huang, Y.M., Geng, M., Gong, X.R. Development and experiments of a MEVVA ion source 53222
Gao, Y. *see* Randall, R.B. 84493
Gao, Y.H. *see* Wang, J.I. 71974
Gao, Y.N. *see* Bai, J.Z. 53324
Gao, Z., He, H., Liu, J., Liu, X., Xi, P. The fuzzy morphology induced by threshold decomposition 85122
Gao, Z., He, H., Liu, J., Liu, X., Xi, P. Threshold decomposition of soft-morphological filters into

FSP morphological filters and order-statistic filters 85123
Gao, Z., Wormald, N.C. Spanning Eulerian subgraphs of bounded degree in triangulations 79609
Gao, Z.Y. *see* Lin, L.Z. 94024
Gao, Z.Y. *see* Yan, L.G. 90456
Gao Aijun *see* Aijun Gao
Gao Baoxin *see* Li Runqi 91775
Gao Benqing, Chen Jinyuan Experimental researches on human-equivalent antenna 67424
Gao Deyuan *see* Qiao Changge 70242
Gao Dingsan *see* Shi Jiawei 56760
Gao Dingsan *see* Zhao Shangi 81852
Gao Go *see* Mu Qi-Shuang 83428
Gao Guang-Bo *see* Guang-Bo Gao
Gao Guanggan *see* Guanggan Gao
Gao Guanming Ru-based resistive pastes used in manufacture of chip resistors 80897
Gao Gui-zhen *see* Gui-zhen Gao
Gao Haibin *see* Sun Chuanchen 53269
Gao Hong *see* Hong Gao
Gao Huiqin *see* Huiqin Gao
Gao Jia-Hong *see* Jia-Hong Gao
Gao Jing-de *see* Jing-de Gao
Gao Jingde *see* Bai Jianhua 99428
Gao Jingde *see* Li Chongjian 89913
Gao Jingde *see* Li Yaohua 100087
Gao Jingde *see* Lin Zebo 100126
Gao Jingde *see* Song Zhidong 88968
Gao Jingde *see* Jingde Gao
Gao Jinrong *see* Zhao Dade 80680
Gao Li *see* Li Gao
Gao Linzhuang *see* Murowinski, R. 58856
Gao Long *see* Long Gao
Gao Qiang *see* Qiang Gao
Gao Shu *see* Li Gengyin 89052
Gao Shuhong *see* Shuhong Gao
Gao Shuyang, Qian Guangyu A fusion device of the continuous electron beam confinement used by the accumulating ring with the continuous injection 67035
Gao Su *see* Zhu Yongli 77914
Gao Tie, Guo Yanchang, Li Jianxin, Chen Shuzheng Pattern nulling synthesis based on adaptive array theory 73542
Gao Tie, Li Jianxin Study of multi-step quantization and sidelobe characteristic for solid-state active phased arrays 64235
Gao Tieta *see* Du Xiangwan 83176
Gao Tong *see* Tong Gao
Gao Wei *see* Wei Gao
Gao Wenyu *see* Zhang Guoqiang 62317
Gao Wenyu *see* Zhang Guoqiang 93428
Gao Xiang, Bao Feng Deconnection of binary weakly invertible finite automata 73668
Gao Xiang *see* Xue Fangshi 62134
Gao Xiao Ming, Li Chunming, Sun Shenghe Testing the dynamic performance of video ADC in the HDTV system 86741
Gao Xiao Ming, Sun Sheng he Modeling the harmonic distortion of analog-to-digital converter using Volterra series 92318
Gao Xiao-Shan *see* Xiao-Shan Gao
Gao Xiaoming, Li Cunming, Sun Shenghe Dynamic nonlinearity detection of high speed analog-to-digital converter using bispectrum 92309
Gao Xiaoming *see* Lin Maoliu 95073
Gao Xiaoping *see* Ni Ming 77830
Gao Xiaopinh *see* Xiaopinh Gao
Gao Xingbin *see* Xingbin Gao
Gao Yang, Leich, H. A simple and efficient voiced/unvoiced classifier 73908
Gao Yang, Leich, H. A robust and fast DP-CELP (double-pulse CELP) vocoder at the bit rate of 4 kb/s 96877
Gao Yao *see* Yao Gao
Gao Yiqing Diagnostics of the welding arc temperature fields by speckle photography 57031
Gao Yizhi *see* Qiu Kun 63761
Gao Yizhi *see* Yizhi Gao
Gao Yuzhi, Yin Hongkun, Ning Baojun, Li Ting, Zhang Lichun, Hou Yongtian, Zhang Shulin The characteristics of AlN films for GaAs devices 61365
Gao Zhicheng *see* Zhicheng Gao
Gao Zhonglin *see* Cai Yimin 94295
Gao Zhongwen *see* Zhou Suquan 99619
Gaofeng Wang, Guangwen Pan, Gilbert, B.K. Analysis of multilayered transmission lines by hybrid wavelet expansion and boundary element method 83738
Gaofeng Wang *see* Guangwen Pan 94911
Gaoqiang Yan *see* Yan Gaoqiang
Gaoting Chen *see* Chen Gaoting
gap You Young *see* Young gap You
Gaponenko, V.M., Nefedtsev, E.V., Chernyavskii, A.V. Degradation processes in thin-film MIM cathodes: calculation of the distribution of the temperature field in and near a formed channel 62059
Gaponov, S.V. *see* Belov, R.K. 82515
Gapontsev, V.P. *see* Alekseev, E.I. 52883
Gaposchkin, E.M. *see* Coster, A.J. 65908
Gaquiere, C., Theron, D., Bonte, B., Crosnier, Y. 1 W/mm power pseudomorphic HFET with optimised recess technology 56025
Gar Lam Yip *see* Feng Xiang 51173
Gar Lam Yip *see* Feng Xiang 94148
Gara, A. *see* Christian, D.C. 59094
Garabandic, D.S. *see* Petrovic, T.B. 60328
Garabatos, C. *see* Beckers, T. 67314
Garabatos, C. *see* Bouclier, R. 67348
Garabatos, C. *see* Bouclier, R. 87985
Garabatos, C. *see* Bouclier, R. 88109
Garabatos, C. *see* Bouclier, R. 98617
Garabatos, Ch. *see* Alunni, L. 88010
Garabedian, C. *see* Gonnard, P. 56130
Garabedian, C. *see* Gonnard, P. 56173
Garabedian, R., Gonzalez, C., Richards, J., Knoesen, A., Spencer, R., Collins, S.D., Smith, R.L. Microfabricated surface plasmon sensing system 66248
Garafalo, D. *see* Thai, S. 75488
Garai, J. *see* Orive, D. 58112
Garan, S., Ajiki, K., Mochinaga, Y., Hayashi, T., Shiraishi, Y. Salt pollution on the overhead contact line insulators at Honshu-Shikoku bridge 78925
Garate, E. *see* Prohaska, R. 88213
Garate, E. *see* Song, Y. 71020
Garavaglia, T. Proton-proton scattering contribution to emittance growth 87808
Garavaglia, T., Mahale, N., Peterson, J. The effect of global survey misalignment on the SSC 87837
Garay, P. *see* Darnauer, J. 71007
Garazzino, G. *see* Cerruti, G. 58586
Garb, K., Kastner, R., Meyerova, R. Analysis of planar arrays of shunt slots in ridged waveguides 49617
Garb, K., Meyerova, R., Kastner, R. Analysis of longitudinal slots in ridged waveguides using a hybrid finite element-Galerkin technique 73481
Garbanati, F. How to make FITL more cost effective 52543
Garbe, H., Jentschel, H.-J. Multilevel simulation in the design of communication-technological systems. II 96895
Garbe, H., Jentschel, H.-J., Kaminski, R. Multilevel simulation in the design of communication-technological systems 74758
Garber, F. *see* Fister, T. 58449
Garber, M., Ghosh, A.K., Greene, A., McChesney, D., Morgillo, A., Shah, R., DelRe, S., Epstein, G., Hong, S., Lichtenwalner, J., O'Larey, P., Smathers, D., Boivin, M., Meserve, R. Superconducting wire and cable for RHIC 82418
Garber, M. *see* Gupta, R. 76648
Garber, M. *see* Muratore, J. 82419
Garber, M. *see* Thompson, P. 76655
Garber, M. *see* Wanderer, P. 82421
Garber, M. *see* Wanderer, P. 82422
Garber, R. *see* Lindner, M. 82420
Garber, V. *see* Rosenfeld, D. 82823
Garbero, L. *see* Cortina, R. 64169
Garbey, M. Domain decomposition to solve transition layers and asymptotics 69869
Garbi, M. *see* Brioschi, F. 72760
Garbinski, P.A. *see* Belenky, G.L. 49801
Garbinski, P.A. *see* Belenky, G.L. 62694
Garbinski, P.A. *see* Belenky, G.L. 92545
Garbinski, P.A. *see* Mastrapasqua, M. 63527
Garboushian, V., Yoon, S., Turner, J. Radiation hardened high efficiency silicon space solar cell 100737
Garbuzov, D. *see* Diaz, J. 72894
Garbuzov, D. *see* Diaz, J. 79903
Garbuzov, D.Z., Boroditskii, M.L., Il'inskaya, N.D., Livshitz, D.A., Mar'inskii, D.N., Rafailov, E.U. Controlling the mode composition of high-power buried InGaAsP/GaAs lasers with a wavelength of 0.8 μm 50813
Garbuzov, D.Z. *see* Boroditskii, M.L. 50814
Garcia, A., Aspar, B., Margail, J., Pudda, C. Enhanced chemical etching and optical observation: a quality analysis technique for industrial SIMOX production 93237
Garcia, A., Lopez, E., Aroca, C., Sanchez, P., Sanchez, M.C. Magnetometric sensor based on anhysteretic processes 66193
Garcia, A. *see* Saavedra, O.R. 88943
Garcia, A.Abella *see* Abella Garcia, A.
Garcia, A.R. *see* Wiechmann, E.P. 100239
Garcia, A.V. *see* Sato, F. 53646
Garcia, A.V. *see* Sato, F. 77840
Garcia, B. *see* Materdey, T. 51179
Garcia, C.A. *see* Prager, T.C. 98897
Garcia, D. *see* Mayo, J.L. 60122
Garcia, D.J. Object-oriented object recognition system 74243
Garcia, D.J. Effects of feature characteristics and ordering in the performance of an object recognition system 74244
Garcia, E. *see* Arronte, F. 53622
Garcia, E. *see* Avignone, F.T. 67288
Garcia, E. *see* Duong, K. 82205
Garcia, E. *see* Jones, L. 82202
Garcia, E. *see* Jones, L. 82216
Garcia, E. *see* Main, J.A. 93779
Garcia, E. *see* Saenz, C. 59159
Garcia, E. *see* Szorenyi, T. 48978
Garcia, E.L. *see* Verbryke, P. 68458
Garcia, G. *see* Depalle, P. 75800
Garcia, G.A. *see* Chang, C.E. 92540
Garcia, G.A. *see* Imthurn, G.P. 72651
Garcia, G.O., Luis, J.C.M., Stephan, R.M., Watanabe, E.H. An efficient controller for an adjustable speed induction motor drive 90528
Garcia, G.O., Stephan, R.M., Watanabe, E.H. Comparing the indirect field-oriented control with a scalar method 68624
Garcia, H. *see* Shernock, D.M. 62570
Garcia, I.S. *see* Bretones, A.R. 73479
Garcia, I.Sanchez *see* Sanchez Garcia, I.
Garcia, J., Campos, J., Ferreira, C. Circular-harmonic minimum average correlation energy filter for color pattern recognition 51547
Garcia, J., Campos, J., Ferreira, C. Multichannel colour pattern recognition using a minimum average correlation energy filter 57878
Garcia, J., Telfer, B., Hanseck Ko, Szu, H. Composite wavelet features for image recognition 57850
Garcia, J. *see* Adam, W. 88114
Garcia, J. *see* Dede, E.J. 90658
Garcia, J. *see* Dede, E.J. 100337
Garcia, J. *see* Montejo-Garai, J. 70722
Garcia, J. *see* Tajahuerce, E. 57668
Garcia, J. *see* Toniatti, T. 57969
Garcia, J. *see* Vazquez, C. 57879
Garcia, J.A., Fdez-Valdivia, J. Representing planar curves by using a scale vector 84835
Garcia, J.C. *see* Ng, G.I. 55925
Garcia, J.C. *see* Ng, G.I. 93329
Garcia, J.L., Tazon, A., Mediavilla, A. Non linear modelling techniques of high frequency MESFET transistors 81992
Garcia, J.L.R. *see* Balibrea, L.-M.T. 73918
Garcia, J.P. *see* Telfer, B.A. 74047
Garcia, J.R., Burdio, J.M., Martinez, A., Sancho, J. A method for calculating the workpiece power dissipation in induction heating processes 68689
Garcia, L.F., Mohammed, O.A. Forecasting peak loads with neural networks 89181
Garcia, L.H. A tool for design traceability management 88672
Garcia, M. *see* Patel, N. 62803
Garcia, M.J., Reynolds, B.K. Single chip PCI bridge and memory controller for PowerPC microprocessors 92264
Garcia, M.Mirabal *see* Mirabal Garcia, M.
Garcia, O. *see* Cobos, J.A. 61536
Garcia, O. *see* Cobos, J.A. 91897
Garcia, P.Donoso *see* Donoso Garcia, P.
Garcia, P.M. *see* Kip, D. 82651
Garcia, R. *see* Araujo, D. 79869
Garcia, R. *see* Laiz, H. 86900
Garcia, R.A., Manegdeg, F., Raneses, N.O. Household energy consumption surveys in three Philippine cities 69029
Garcia, R.C. *see* Sandoval, D.P. 98467
Garcia, S. *see* Martin, J.M. 55722
Garcia, S. *see* Torroja, Y. 97777
Garcia, V.J.S. *see* Dusza, J.J. 59096
Garcia Ares, E. *see* Carpintero del Barrio, G. 50802
Garcia C., J. *see* Dixon, L.W. 89090
Garcia Nocetti, D.F., Solano, J., Martinez, J. Heterogeneous architecture for parallel real-time spectral estimation in Doppler blood flow instrumentation 59252
Garcia Nocetti, D.F. *see* Solano, J. 57475
Garcia Nunez, G. *see* Ortiz-Conde, A. 49991
Garcia Nunez, M. *see* Garcia Sanchez, F.J. 62760
Garcia Perez, M.A., Benyattou, T., Tabata, A., Guillot, G., Gendry, M., Drouot, V., Hollinger, G. Control of the interface roughness in highly strained $In_xGa_{1-x}As/In_{0.52}Al_{0.48}As$ heterostructures 56594
Garcia Sanchez, F.J., Ortiz-Conde, A., Garcia Nunez, M., Anderson, R.L. Series resistance and effective gate length extraction on short-channel PMOS devices at liquid nitrogen temperature 62760
Garcia Sanchez, F.J. *see* Ortiz-Conde, A. 62780
Garcia Sanchez, M. *see* Ortiz-Conde, A. 49991
Garcia-Alonso, A. *see* Ayerdi, I. 66191
Garcia-Arribas, P.J. *see* Eldering, C.A. 52559
Garcia-Bermejo, J.G., Coronado, J.L., Pernas, F.J.D. A three-dimensional active vision method for low cost and high speed measurement 87035
Garcia-Conde, E. *see* Guitart, J. 72897
Garcia-Flores, R., Marroquin-Rios, D., Baez-Lopez, D. A high quality multifunction current-mode filter using two current conveyors 92352
Garcia-Haro, J., Jajszczyk, A. ATM shared-memory switching architectures 75078
Garcia-Haro, J., Marin-Sillue, R., Melus-Moreno, J.L. ATMSWSIM: an efficient, portable and expandable ATM switch simulator tool 85886
Garcia-Higuera, J.A. *see* Cuthbert, L. 86381
Garcia-Luna-Aceves, J.J., Zaumen, W.T. Area-based, loop-free internet routing 65323
Garcia-Mateo, C. *see* Banga, E.R. 73876
Garcia-Molina, H. *see* Barbara, D. 96557
Garcia-Moreno, C.A.M., Silva-Varela, H. An experimental system for automatic speaker recognition 73917
Garcia-Palacin, J.I. *see* Lagranja, J.L. 73191
Garcia-Perez, F. *see* Sandoval, F. 97764
Garcia-Sanchez, A., Martinez, F., Ramon, J.L. Intercepstral correlation in speaker identification/verification with very short speech signals 73919
Garcia-Sola, R. *see* Gonzalez, M.A. 98737

Garcia-Tabares, L., Tamarit, J., Iturbe, R. Some considerations on the mechanical design of a 9 tesla superconducting magnet 82429
Garcia-Tajedor, A. *see* Cosculluela, M.J. 89172
Garcia-Valenzuela, A., Eskiyerly, M.H., Tabib-Azar, M. Large-angle transmission and mode conversion characteristics of symmetric multimode Y-junction couplers 57173
Gard, M.F. Real-time X-ray fan-beam z-axis position measurement 76933
Gardan, D., Haagh, L., Larson, L., Margarito, R., Redstall, M., Socard, A., Steffensen, H., Stroetzel, J. Availability analysis of the fibre optic local loop 86382
Gardan, D. *see* Soleres, E. 97241
Garde, D. *see* Brewer, J.E. 49459
Garde, D. *see* Brewer, J.E. 80347
Garde, D. *see* Counihan, T. 80343
Gardelle, C. *see* Leger, A. 99089
Gardelle, J. *see* Corsini, R. 67012
Garden, C. *see* Saez, P. 71024
Garden, C.L., Hoyt, E.W., Schultz, D.C., Tang, H. Photocathode performance measurements for the SLC polarized electron gun 71026
Garden, C.L. *see* Clendenin, J.E. 76743
Garden, C.L. *see* Tang, H. 71025
Garden, C.L. *see* Yeremian, A.D. 76724
Gardenier, P., Shafi, M., Vernall, R.B., Milner, M. Sharing issues between FPLMTS and fixed services 65615
Gardeniers, J.G.E., Laursen, N.G. Corrosion of protective layers on strained silicon surfaces in alkaline solutions 49896
Gardeniers, J.G.E. *see* Berenschot, J.W. 56066
Gardeniers, J.G.E. *see* Jansen, H.V. 54997
Gardent, D. *see* Bourdier, A. 50873
Garderen, G.van *see* van Garderen, G.
Gardes, B., Ameziane, J., Brun, G., Tedenac, J.C., Boyer, A. Epitaxial growth of thin films of V_2VI_3 semiconductors 54894
Gardien, P. *see* Eggenhuisen, H.H. 97705
Gardiner, C.W. *see* Eschmann, A. 50921
Gardiner, J.G. *see* Doumi, T.L. 97143
Gardiner, P. *see* Brockhurst, D. 58571
Gardiner, P.N., Brockhurst, D.M., Curtis, J.S. Ghost cancellation for 625-line systems 95817
Gardiner, R. *see* Van Buskirk, P.C. 54949
Gardini, G. *see* Laurenti, G. 68245
Gardner, C. *see* Reece, R.K. 87835
Gardner, C. *see* Shoji, Y. 98411
Gardner, D.S., Vu, Q.T., van Wijnen, P.J., Maloney, T.J., Fraser, D.B. Embedded ground planes using sidewall insulators for high frequency interconnections in integrated circuits 90982
Gardner, E. Automated outage reporting: operational response or customer service? 78106
Gardner, E.A., Fowlkes, J.B., Carson, P.L., Ivey, J.A., Ohl, D.A. Bubble generation in excised canine urinary bladders using an electrohydraulic lithotripter 98772
Gardner, E.A. *see* Hyde, R.J. 98795
Gardner, G.A. *see* Gardner, L.R.T. 61192
Gardner, G.M. *see* Castracane, J. 76894
Gardner, J.L. Transmission trap detectors 87190
Gardner, J.W., Bartlett, P.N. A brief history of electronic noses 58673
Gardner, J.W., Chetwynd, D.G., Smith, S.T., Harb, S.M., Yao, Z.Q., Bartlett, P.N., Eastwick-Field, V. Electropolymerized films for low friction microactuator bearings 55024
Gardner, J.W., Pearce, T.C., Friel, S., Bartlett, P.N., Blair, N. A multisensor system for beer flavour monitoring using an array of conducting polymers and predictive classifiers 58880
Gardner, J.W. *see* Hines, E.L. 66566
Gardner, J.W. *see* Tan, T.T. 81362
Gardner, J.W. *see* van Herwaarden, A.W. 66507
Gardner, L.A. *see* Pritchard, R.C. 52303
Gardner, L.R.T., Gardner, G.A., Geyikli, T. Simulations of solitons of the MKdV equation 61192
Gardner, M., Wristers, D., Fulford, J., Borland, J. Hydrogen denudation for enhanced thin oxide quality, device performance, and potential epitaxial elimination 71785
Gardner, M. *see* Ingold, G. 63868
Gardner, N.F., Hartmann, Q.J., Stockman, S.A., Pan, N., Stillman, G.E. Semi-insulating CCl_4-doped InP grown at low temperature by LP-MOCVD 54899
Gardner, N.F., Hartmann, Q.J., Stockman, S.A., Stillman, G.E., Baker, J.E., Malin, J.I., Hsieh, K.C. Semi-insulating InP grown at low temperature by metalorganic chemical vapor deposition 70010
Gardner, N.F. *see* Stockman, S.A. 49974
Gardner, P., Paul, D.K., Tan, K.P. Microwave voltage tuned microstrip ring resonator oscillator 92602
Gardner, P. *see* Paul, D.K. 92483
Gardner, R.A. *see* Yuanda Cheng 63180
Gardner, S. *see* Reilly, M. 97022
Gardner, S.B. Inverse least squares computations of vertical TEC using a calibrated GPS ionospheric receiver 83679
Gardner, W.A. *see* Fong, G. 51434
Gardner, W.A. *see* Schell, S.V. 84445
Gardner, W.A. *see* Spooner, C.M. 58297
Gardner, W.L., Caughman, J.B.O., Hoffman, D.J., Probert, P.H. Comparison of the folded stripline and stacked stripline concepts to the folded waveguide launcher 49634
Gardner, W.L. *see* Hoffman, D.J. 49616
Gardopee, G.J. *see* Feng, T. 93239
Gardos, T.R. *see* Evans, B.L. 57564
Gardouh, E.B. *see* Girard, A. 96785
Garello, R., Proust, S., Chapron, B. 2D ocean surface SAR images simulation: a statistical approach 88820
Garello, R. *see* Benedetto, S. 73772
Garen, W. *see* Sterkenburgh, T.R. 56400
Gareri, A. *see* Hall, S.A. 94120
Garetti, E. *see* Bernardi, M. 65375
Garetti, E. *see* Francese, A. 97158
Gareyte, J. *see* Fischer, W. 66914
Garfinkel, A.F. *see* Amidei, D. 98639
Garfinkel, L. The transition to competition in telecommunication services 85446
Garfinkel, T. *see* Lee, P.M. 56077
Garg, A., Balakrishnan, K.S., Rastogi, A.C. Structural properties and growth mechanism of copper and indium selenide films prepared by electrochemical selenization of metal layers 61336
Garg, A., Loy, J., Greub, H., McDonald, J.F. Design of a package for a high-speed processor made with yield-limited technology 49463
Garg, A., Sham, T.-L., Greub, H., Loy, J., McDonald, J.F. Thermal design of an advanced multichip module for a RISC processor 92835
Garg, A. *see* Loy, J. 48668
Garg, A. *see* Loy, J. 92833
Garg, H.P., Agarwal, R.K., Joshi, J.C. Experimental study on a hybrid photovoltaic-thermal solar water heater and its performance predictions 60136
Garg, H.P. *see* Agarwal, R.K. 60135
Garg, N. *see* Mijuskovic, D. 49198
Garg, N. *see* Sriram, V. 53417
Garg, R.L., Singh, P. A queueing system with stepwise randomly available additional space 61075
Garg, S. *see* Farahani, M.M. 55272
Garg, V. *see* Krefta, M.P. 87679
Garganne, P. *see* Besson, P. 49755
Gargano, L., Korner, J., Vaccaro, U. Capacities: from information theory to extremal set theory 91290
Gargano, L., Liestman, A.L., Peters, J.G., Richards, D. Reliable broadcasting 85439
Gargano, L. *see* Blundo, C. 74708
Gargano, L. *see* Capocelli, R.M. 95170
Gargano, L. *see* Galluccio, A. 79608
Gargione, F. ACTS—a communications system for the future 75360
Gargour, C. *see* Wong, T. 84013
Gariboldi, R., Pulvirenti, F. A monolithic quad line driver for industrial applications 80202
Garibotto, G., Ilic, M., Masciangelo, S. An autonomous mobile robot prototype for navigation in indoor environments 57777
Garifo, L. *see* Fantini, V. 72957
Garijo, F.J., Hoffman, D. MAITE: an operator assistance expert system for troubleshooting telecommunications networks 85530
Garikepati, P. *see* Dalal, V.L. 100526
Garino, T.J. *see* Tuttle, B.A. 56120
Garis, H.de *see* de Garis, H.
Garito, A., Shi, R.F., Wu, M. Nonlinear optics of organic and polymer materials 63343
Garkavy, V. *see* Yung-Ho Chuang 62575
Garkusha, S.A. *see* Bratchikov, A.N. 94514
Garliauskas, A., Minkevicius, S. About stochastic discrete neuronetworks 61069
Garlichs, G., Herber, R. MUNDI — multiplexed network for distributive and interactive services: a status report 52548
Garlick, A. Cutting the cost of risk: the integrated approach 79499
Garling, L.K., Woods, G.P. Enhancing the analysis of variance (ANOVA) technique with graphical analysis and its application to wafer processing equipment 62343
Garman, P.J., Trang, J.A. "In your face! The pilot's/tester's perspective on HMD symbology" 67720
Garmendia, A. A new series of electrical supply systems for telecommunications 68760
Garmestani, H., Vaghar, M.R., Markiewicz, W.D. Concepts of plasticity in solenoid stress analysis 82450
Garmestani, H. *see* Markiewicz, W.D. 82449
Garmire, E. *see* Ching-Mei Yang 72597
Garmire, E. *see* Houser, G.D. 73029
Garmire, E. *see* Kawase, M. 63978
Garmire, E.M. *see* Hasenberg, T.C. 94189
Garn, H., Kremser, H., Kremser, R. Assessment of exposure using D network mobile telephones 75233
Garn, H., Kremser, H., Kremser, R., Neubauer, G. Assessment of radiation exposure with mobile telephone handsets in the D-network 96883
Garnaes, J., Bjornholm, T., Zasadzinski, J.A.N. Nanoscale lithography on Langmuir-Blodgett films of behinic acid 71013
Garnaoui, H.H. *see* Tewfik, A.H. 88462
Garner, B.J., Ridley, G.J., Lowe, P.J. Data engineering for neural net analysis of glass furnace characteristics 54274
Garner, S.E., Allander, K.S., Bounds, J.A., Caress, R.W., Johnson, J.D., Johnson, J.P., MacArthur, D.W., Steadman, P.A. Monte Carlo calculations to predict the response of the Long-Range Alpha Detectors (LRADs) 98574
Garner, S.E. *see* Johnson, J.D. 88840
Garner, S.E. *see* Johnson, J.D. 99303
Garnero, E. *see* Breuze, G. 75435
Garnett, J. *see* Lum, N. 58851
Garnett, J.D., Forrest, W.J. Multiply sampled read limited and background limited noise performance 66419
Garnett, J.D. *see* Forrest, W.J. 58778
Garnett, J.D. *see* Solomon, S.L. 58846
Garnett, J.S. *see* Dasgupta, S. 57557
Garnett, R. *see* Wangler, T.P. 76301
Garnier, F., Hajlaoui, R., Yassar, A., Srivastava, P. All-polymer field-effect transistor realized by printing techniques 81921
Garnier, F., Yassar, A., Horowitz, G., Deloffre, F. Structure effects on transport of charge carriers in conjugated oligomers 55582
Garnier, F. *see* Horowitz, G. 81983
Garnier, J. *see* Tastet, P. 70286
Garnier, J. *see* Vadrot, J.F. 71654
Garnier, N. *see* Montangero, P. 94536
Garnier, P. *see* Beaucour, J. 69537
Garnsey, E., Moore, I. Pre-competitive and near-market research and development: problems for innovation policy 60830
Garnsey, M.P. *see* Bassiouni, M.A. 74741
Garnyk, V.S. Effect of the nature of the scattering on the lifetime of minority carriers in hafnium-doped silicon 49766
Garoby, R. *see* Cappi, R. 87885
Garofalakis, J., Spirakis, P., Tampakas, B., Rajsbaum, S. Tentative and definite distributed computations: an optimistic approach to network synchronization 65040
Garofalo, J. *see* Pierrat, C. 81612
Garofalo, J. *see* Yih-Cheng Shih 71823
Garofalo, J.G. *see* Henderson, R.C. 71545
Garofalo, J.G. *see* Otto, O.W. 71480
Garrad, A.D. Development of wind energy in Europe outlook for the future 100035
Garrambone, M.W. An overview of cost and operational effectiveness analysis (COEA) 88931
Garrambone, M.W., Chrissis, J.W., Morlan, B.W. Combat modeling in the "risk" environment 88930
Garrard, G. *see* Carse, P. 52361
Garre, R., Conti, S., Donati, G., Rossi, S. Development and manufacturing of superconducting cable in conduit conductors 94004
Garre, R. *see* Baccaglioni, G. 87617
Garre, R. *see* Negrini, F. 82472
Garreau, J.C., Peng-Ye Wang, Glorieux, P. Bit correlation and memory effects in high-speed pump modulation of a fiber laser 65814
Garreau, J.C. *see* Grangier, P. 52583
Garren, A. *see* Cline, D. 76545
Garren, A. *see* Nosochkov, Y. 76284
Garren, A. *see* Nosochkov, Y. 87840
Garren, A.A. *see* Syphers, M.J. 66881
Garrett, B. *see* Whiteaway, J.E.A. 94483
Garrett, B. *see* Williams, K.A. 72853
Garrett, L.D. *see* He, Y.S. 97319
Garrett, W.R. *see* DiCillo, J.J. 50909
Garrido, J. *see* Hernandez, M.J. 55800
Garrido, J. *see* Holgado, S. 81459
Garrido, J. *see* Sochinskii, N.V. 81455
Garrido, L. *see* Gingrich, D. 53291
Garrido, M., Janssens, N., Conard, J.Ph., Dejaeger, E., Matagne, E. Rigorous definition of the transformation ratio in the presence of magnetic saturation and leakages 90074
Garrigues, Y. Installation and certification of T-CAS II on Concorde 59481
Garris, M.D. Unconstrained handprint recognition using a limited lexicon 95646
Garrison, D.L. *see* Ochoa, J.R. 89167
Garrison, G.J. *see* Ahmed, M.J. 86219
Garrison, K. *see* Sinton, R.A. 100629
Garrison, K. *see* Verlinden, P.J. 100613
Garrison, M.D. *see* Plowman, T.E. 63457
Garrity, M.P. *see* Carlile, R.N. 71395
Garrone, P. The cost structure of European telecommunications carriers: Effects of fibre adoption 86383
Garrou, P. *see* Bothra, S. 82100
Garrou, P.E. *see* Knudsen, A.K. 79353
Garry, J. *see* Peters, G. 59441
Garshelis, I.J. Investigations of parameters affecting the performance of polarized ring torque transducers 52800
Garshev, V.I. *see* Galushkin, M.G. 56835
Garside, J.D. *see* Furber, S.B. 92260
Garside, J.J., Ruchti, T.L., Brown, R.H. Using self-organizing artificial neural networks for solving uncertain dynamic nonlinear system identification and function modeling problems 78588
Garside, R.H. Area classification—an alternative approach 48632
Garside, R.H. The end user—maintenance, misconception and misery 48638
Garske, D. *see* Lester, J.A. 80788
Garski, W. *see* Zajcyk, R. 100090
Garstang, J.H. *see* Edmonds, R.F., Jr. 78464
Gartenberg, E., Wright, R.E. Boundary-layer transition detection with infrared imaging emphasizing cryogenic applications 99048

Garth, L.M., Bresler, Y. On the inferiority of higher-order detection in narrowband processing 84427
Garth, L.M., Poor, H.V., Falk, H. Detection of non-Gaussian signals: a paradigm for modern statistical signal processing [and prolog] 73979
Garth, S.C.J. *see* Binns, M.D. 49599
Garth, S.J. Excitation of bound modes in an optical fibre 94122
Garth, S.J. *see* Samir, W. 63447
Gartner, M. *see* Buiu, O. 49860
Gartner, U. *see* Barschdroff, D. 73922
Garton, A.J., Dance, D.R. Estimation of tube potential in mammography from transmission measurements 76916
Gartsman, K. *see* Cahen, D. 62217
Garver, L. *see* Mukerji, R. 78047
Garver, M. *see* Rooholamini, R. 51738
Garverick, S.L., Skrenes, L., Baertsch, R.D., Lee, N.C. A 17 b, 32-channel charge readout IC for multichannel detectors 98689
Garvert, R.W. *see* Grimes, G.J. 94314
Garvey, A. *see* Cullen, P.J. 86125
Garvey, J. *see* Brawn, I. 98678
Garvey, J. *see* Brawn, I.P. 98657
Garvey, J. *see* Eisenhandler, E. 59183
Garvey, J. *see* Gibson, G. 68146
Garvey, J. *see* Horenstein, M. 52833
Gary, C. Lightning and electrical networks 78213
Gary, C. *see* Gourbiere, E. 77094
Gary, C.K. *see* Tigin, D.V. 72532
Gary, F. *see* Laurent, A. 90278
Gary, S. *see* Pham, D. 92287
Garyainov, S.A., Ermolaeva, A.I., Koshelev, N.I., Shorin, M.V. A magnetic-head with back-side connections 93885
Garza, C.M., Krisa, W.L., Yen, A., Shu, J.S. Process optimization for 0.35 μm i-line lithography 71509
Garza, C.M. *see* Krisa, W.L. 71508
Garzelli, A. *see* Alparone, L. 74277
Garzelli, A. *see* Benelli, G. 65645
Garzelli, A. *see* Benelli, G. 74477
Garzelli, A. *see* Benelli, G. 97151
Garzia, F., Sibilia, C., Bertolotti, M., Horak, R., Bajer, J. Phase properties of a two-soliton system in a nonlinear planar waveguide 56382
Garzon, M. *see* Botelho, F. 61850
Gasan, A.I. *see* Vertiy, A.V. 98278
Gasanov, E.M. *see* Ganeev, R.A. 53356
Gasca, M. *see* Muhlbach, G. 91355
Gascoigne, R.W. *see* Kutkut, N.H. 68771
Gascoyne, K. *see* Briere, D.D. 85405
Gase, T. *see* Brauer, A. 56426
Gasiewski, A.J. Channel ranking in passive microwave wet-path delay measurements 67819
Gasiewski, A.J. *see* Adelberg, L.K. 77714
Gasiot, J. *see* Bruguier, G. 71571
Gasiot, J. *see* Roubaud, F. 71644
Gasiot, J. *see* Stassinopoulos, E.G. 71645
Gaska, R., Mickevicius, R., Mitin, V., Stroscio, M.A., Iafrate, G.J., Grubin, H.L. Hot-electron relaxation dynamics in quantum wires 81270
Gaska, T., Hrustich, J., Jackson, F., Layton, D., Reitz, D. Development of the LAMPS block II Advanced AYK-14 integrated mission processor 88666
Gaskell, D. *see* Baumbaugh, B. 59149
Gaskill, D.K. *see* Binari, S.C. 55891
Gaskill, D.K. *see* Binari, S.C. 80661
Gaskill, D.K. *see* Sun, C.J. 69976
Gas'kov, A.M. *see* Ivanov, A.V. 73245
Gasner, J.T. *see* Ito, A. 71825
Gasner, S.H. *see* Rosenberg, L.A. 100746
Gaspar, L. *see* Madercic, M. 62005
Gaspar, M. *see* Ariztizabal, F. 98518
Gasparac, I. Main pole covering and magnetic flux density distribution for the DC machine with double lap asymmetrical armature winding 90008
Gasparatto, A. *see* Galvagno, G. 81430
Gaspard, B. Modeling of DoD 25-kHz UHF DAMA satellite networks 75368
Gasparini, F., Lippi, I., Martinelli, R., Meneguzzo, A., Sartori, P., Zotto, P., Andlinger, M., Szoncso, F., Walzel, G., Wulz, C.-E., Bencze, G.L., Della Negra, M., Peach, D., Radermacher, E., Seez, C., Wrochna, G. Performance of a DTBX prototype 53303
Gasparini, F. *see* Benetti, P. 67327
Gasparini, F. *see* Benetti, P. 67328
Gasparovic, R. Microstrip balanced mixer 92501
Gasparro, D.M. Putting wireless to work [wireless data networking system] 52082
Gasper, D. *see* Lee, D. 86476
Gasperis, P.De *see* De Gasperis, P.
Gasperowicz, A., Stankiewicz, J., Mazurek, B., Zubel, Z. Effect of silane coupling agents on the structure of insulating epoxy composites 82132
Gasquet, D. *see* de Murcia, M. 55554
Gass, C., Tisinger, E. Switching current regulator for off-line battery chargers 49169
Gass, V., van der Schoot, B.H., de Rooij, N.F. Nanofluid handling by micro-flow-sensor based on drag force measurements 58742
Gass, V., van der Schoot, B.H., Jeanneret, S., de Rooij, N.F. Integrated flow-regulated silicon micropump 63109
Gasser, T. *see* Besthorn, C. 59383
Gasser, T. *see* Schreiter-Gasser, U. 53428
Gassner, G. *see* Helsel, M. 67704
Gast, T. *see* Kolahi, K. 98371
Gast, W. *see* Georgiev, A. 88226
Gast, W. *see* Georgiev, A. 98698
Gastaldi, F., Gastaldi, L. On a domain decomposition for the transport equation: theory and finite element approximation 79731
Gastaldi, L. *see* Gastaldi, F. 79731
Gastaminza, M.L. *see* Santos, J. 58139
Gasteiger, G. *see* Gilli, P.G. 78469
Gastinel, J. *see* Sindhu, P. 74705
Gaston, A. *see* Lo Seen, D. 67898
Gaston, D. Applications of spread spectrum radio technology for the security market 97009
Gaston, G.J., Bold, B.S., Mason, J.B. An automated wafermap fast test for bipolar induced breakdown in NMOS transistors 62753
Gaston, G.J., Walton, A.J. The integration of simulation and response surface methodology for the optimization of IC processes 56058
Gasull, A. *see* Marques, F. 84944
Gasyuk, V.I., Kotov, O.I., Liokumovich, L.B., Nikolaev, V.M. Use of optical interferometry methods for compensation of phase drift of radio signals in optical fiber transmission systems 97285
Gataric, S., Boroyevich, D., Lee, F.C. Soft-switched single-switch three-phase rectifier with power factor correction 68823
Gataric, S. *see* Cuadros, C. 100262
Gatehouse, P.D. *see* Forbat, S.M. 59369
Gatelli, F., Guamieri, A.M., Parizzi, F., Pasquali, P., Prati, C., Rocca, F. The wavenumber shift in SAR inferometry 77721
Gatenby, D.A., Lee, P.M., Howard, R.E., Hushyar, K., Layendecker, R., Wesner, J. Concurrent engineering: an enabler for fast, high-quality product realization 48643
Gatenby, D.A. *see* Boza, L.B. 48649
Gatenby, J.C. *see* Maryanski, M.J. 88614
Gatenby, P.V. *see* Baister, G.C. 52445
Gates, M.M. *see* LaBel, K.A. 77141
Gates, M.T. Predicted solar cell edge radiation effects 100743
Gates, S.M. *see* Heath, J.R. 70077
Gates, S.M. *see* Koleske, D.D. 79805
Gateva, S.V. *see* Cartaleva, S.S. 82892
Gatewood, P.D. *see* Tardelli, J.D. 85910
Gath, B. *see* Hoyer, E. 67239
Gath, I., Feuerstein, C., Geva, A. Unsupervised classification and adaptive definition of sleep patterns 88514
Gath, I. *see* Harris, B. 88487
Gath, I. *see* Man, Y.H. 74573
Gathen, V.Schulz-von der *see* Schulz-von der Gathen, V.
Gatherer, A., Meng, T.H.-Y. Frequency domain position estimation for lithographic alignment 81730
Gatica, L. Liberalization and tariff legislation in Chile 96352
Gatignon, L. *see* Elsener, K. 67194
Gatignon, L. *see* Fanti, V. 76788
Gatley, I., Merrill, K.M. The impact of two dimensional infrared arrays on astronomy 58844
Gatlin, D. *see* Chih-chang Lin 91817
Gatlin, J.A. *see* Le Vine, D.M. 77309
Gatrall, S. *see* Dowling, K. 53488
Gattas, J.M., Eger, J.M. Art and technology: Bridges to a multicultural society 96382
Gatti, A. *see* Oppo, G.-L. 63941
Gatti, E. *see* Gauthier, C. 98713
Gatti, E. *see* Ripamonti, G. 88225
Gatti, E. *see* Ripamonti, G. 98701
Gatti, U. *see* Alippi, C. 53346
Gatti, U. *see* Alippi, C. 67381
Gatti, U. *see* Civardi, L. 54235
Gatti, U. *see* Dell'Acqua, A. 87955
Gatti, U. *see* Dell'Acqua, A. 98680
Gattiker, A.E., Maly, W., Thomas, M.E. Are there any alternatives to "known good die" ? [MCMs] 48686
Gattiker, A.E. *see* Maly, W. 55206
Gatto, M. *see* Kojima, M. 62468
Gattu, R. *see* Pollock, D. 76653
Gatza, L. *see* Shayan Zhang 91973
Gau, C.-H. *see* Hong, Y.-Y. 77897
Gau-Ming Lyuu *see* Wen-Chau Liu 55874
Gauch, J.M. *see* Pan, T.-S. 59295
Gauchard, S. *see* Bigo, S. 65784
Gaucher, P. *see* Elissalde, C. 56136
Gaucher, P. *see* Verbeck, C. 71882
Gauchet, P. A new large format holographic laboratory in France 56987
Gaudaen, J. *see* Bouclier, R. 59121
Gaudard, L. *see* Auger, G. 98385
Gaudart, G. *see* Girard, A. 67262
Gaudart, G. *see* Melin, G. 53148
Gaudenzi, R.de *see* de Gaudenzi, R.
Gaudin, D. *see* Vadrot, J.F. 71654
Gaudioso, M., Monaco, M.F. The Newton direction and the cutting plane 54712
Gaudreau, M. *see* Ishida, N. 67339
Gaudreau, M.P.J., Weisenseel, R.A., Dionne, J.-P., Cope, D.B. Frontiers in power electronics applications 69131
Gaudreau, M.P.J. *see* Chen, M. 67340
Gauffin, L. What we need for an information society 85792
Gauger, D. *see* Oppenheim, A.V. 51468
Gaughan, P.T. *see* Allen, J.D. 52135
Gaugitsch, M. *see* Hauser, H. 53057
Gaugitsch, M. *see* Hauser, H. 66264
Gaugler, K.W. *see* Waitkus, P.E. 81075
Gaugler, K.W. *see* Waitkus, P.E. 92732
Gaukel, K.M., El-Sharawy, E. Three-port disk circulator analysis using only port segmentation 80636
Gaul, E.W. *see* Siders, C.W. 73112
Gaul, L., Claassen, M. Pulsed high-power operation of p^+pnn^+-avalanche diodes near avalanche resonance for mm-wave oscillators 80664
Gaul, L. *see* Pobl, M. 70901
Gault, M., Matsuura, H., Furuya, K., Mawby, P., Towers, M.S. A new quantum effect device for coherent electron emission 55852
Gault, M., Mawby, P., Adams, A.R., Towers, M. Two-dimensional simulation of constricted-mesa InGaAsP/InP buried-heterostructure lasers 83058
Gaumond, R.P. Transcutaneous energy and information transfer for biomedical implants 67623
Gaumont-Goarin, E., Jacquet, J., Adevah-Poeuf, S., Labourie, C., Le Gouezigou, O., Gaborit, F., Serre, F., Fortin, C., Ripoche, G., Pagnod, P., Jourdan, A., Ottolenghi, P., Landais, P., Duan, G.H. Proton bombardment technique for high speed (>1 Gbit/s) 4 section bistable DBR wavelength converter 56787
Gaumont-Goarin, E. *see* Emery, J.-Y. 56414
Gaunaurd, G.C., Akay, A. Isolation of the spectrograms and rosettes of insonified sets of submerged, concentric, thin shells 97473
Gaunaurd, G.C. *see* Strifors, H.C. 58476
Gauneau, M. *see* Regolini, J.L. 91488
Gauneau, M. *see* Regreny, P. 55567
Gauneau, M. *see* Trouillas, P. 93118
Gauret, J.Cl. *see* Picherit, F. 76027
Gauselman, V.E. *see* Kaliteevsky, N.A. 84721
Gausi, M. *see* Bodson, F. 53884
Gauster, E., Rieder, W. Arc lengthening between divergent runners: influence of geometry and materials of runners and walls 90236
Gautam, N., Basu, S., Gairola, R.M., Pandey, P.C. Wet tropospheric range corrections for radar altimeter over Indian Ocean 67759
Gautam, V. Organisation culture & multinational teaming: select observations in the Gulf region 69447
Gauthe, B. *see* Jamelot, G. 50729
Gauthe, B. *see* Rus, B. 50724
Gauthier, A. *see* Martinez, A. 93997
Gauthier, C., Goulon, J., Moguiline, E., Elleaume, P., Feite, S., Gaburro, Z., Longoni, A., Gatti, E., Dressler, P., Lampert, M.O., Henck, R. A high-resolution silicon drift chamber for X-ray spectroscopy 98713
Gauthier, D.J., Sukow, D.W., Concannon, H.M., Socolar, J.E.S. Stabilizing unstable periodic orbits in a fast diode resonator using continuous time-delay autosynchronization 91934
Gauthier, D.J. *see* Hooper, B.A. 94652
Gauthier, F. *see* Dubard, J. 86942
Gauthier, M.-F., Miville, B. Operational use of remote sensing data for ice monitoring along Canada's East Coast—winter 1992/1993 77471
Gauthier, P. *see* Barlaud, M. 85058
Gauthier, R.C. Light level control in birefringent fibres through thermal stress effects caused by the absorption of broadside incident light: a single-ended fibre-optic system 66376
Gautier, A., Granot, F. Ripples, complements, and substitutes in singly constrained monotropic parametric network flow problems 69747
Gautier, J. *see* Flament, O. 70769
Gautier, J. *see* Yachou, D. 93474
Gautier, N. *see* Jorquera, C. 66428
Gautier, R.J., Thomas, L.A. The virtual teleworker—experimenting with a remote software engineering environment 75058
Gautrin, E. *see* Frison, P. 80356
Gauvain, J.-L., Chin-Hui Lee Maximum a posteriori estimation for multivariate Gaussian mixture observations of Markov chains 51392
Gauvain, J.-L. *see* Chin-Hui Lee 57412
Gauvain, J.-L. *see* Lamel, L.F. 84080
Gauvain, J.-L. *see* Lee, C.-H. 84090
Gauvain, J.L., Lamel, L.F., Adda, G., Mariani, J. Speech-to-text conversion in French 64390
Gauvin, J. *see* Bergeron, A. 51644
Gauvin, J. *see* Savard, G. 91306
Gauzzi, P. *see* Bini, C. 98418
Gavaler, J.R. *see* Davidson, A. 55386
Gavaler, J.R. *see* Forrester, M.G. 82396
Gavaler, J.R. *see* Xiong, W. 93936
Gavaleshko, N.P. *see* Krylov, K.R. 92980
Gavalian, V.G., Lorikian, M.P., Markarian, K.J. Multiwire particle detectors based on porous dielectric layers 98545
Gavan, J. Transponders for the detection and identification of remote cooperative targets 75179
Gavan, J. Analysis, computation, and mitigation of radio systems' mutual interference effects in collocated vehicular transceivers 75322
Gavan, J. *see* Amir, H. 77907
Gavan, J. *see* Peled, A. 65779

Gavazzo, P., Paddeu, S., Sartore, M., Nicolini, C. Study of the relationship between extracellular acidification and cell viability by a silicon-based sensor 67435
Gavenda, J.D. Near-field corrections to site attenuation 73531
Gaver, W., Moran, T., MacLean, A., Lovstrand, L., Dourish, P., Carter, K., Buxton, W. Realizing a video environment: EuroPARC's RAVE system 65275
Gaver, W.W. The affordances of media spaces for collaboration 96716
Gavi, L., Vercelli, R. Management of services in a broadband environment 51967
Gavi, L. *see* Bagnasco, E. 74840
Gavi, L. *see* Bagnasco, E. 85505
Gavignet-Morin, P. *see* Gabriagues, J.M. 97301
Gaviko, V.S. *see* Korolyov, A.V. 50220
Gavious, A., Rosberg, Z. A restricted complete sharing policy for a stochastic knapsack problem in B-ISDN 75077
Gavish, A., Lempel, A. On complementary sequences 73643
Gavish, A., Lempel, A. On ternary complementary sequences 73706
Gavras, A. *see* Burak, M. 65428
Gavrielides, A., Kovanis, V., Alsing, P.M. Controlling chaos in semiconductor laser devices 50817
Gavrielides, A. *see* Newell, T. 49196
Gavrielides, A. *see* Peterson, P. 63737
Gavrielides, A. *see* Simpson, T.B. 72792
Gavril, F., Urrutia, J. Intersection graphs of concatenable subtrees of graphs 69745
Gavrilenko, V.I., Kozlov, I.N., Kuznetsov, O.A., Moldavskaya, M.D., Nikonorov, V.V., Orlov, L.K., Chernov, A.L. Cyclotron resonance of charge carriers in strained $Ge/Ge_{1-x}Si_x$ heterostructures 55608
Gavrilina, A. *see* Koltun, M. 69020
Gavrilov, I.M., Kukhta, V.R., Lopatin, V.V., Petrov, P.G. Dynamics of prebreakdown phenomena in a uniform field in water 63064
Gavrilov, N. *see* Arbuzov, V. 67173
Gavrilov, N.V., Zav'yalov, M.A., Nikulin, S.P., Ponomarev, A.V. Isobaric gas regime in a high power electron source based on a discharge in a magnetic field 49741
Gavrilov, S.P. *see* Vertiy, A.V. 98278
Gavrilov, V.B. *see* Akimov, V.A. 53286
Gavrilov, V.E. Emission of neon flashlamps in the 500-1000-nm spectral region 69202
Gavrilovic, P., O'Neill, M.S., Zarrabi, J.H., Singh, S., Williams, J.E., Grodkiewicz, W.H., Bruce, A. High-power, single-frequency diode-pumped Nd:YAG microcavity lasers at 1.3 μm 83010
Gavrin, A. *see* Scholten, R.E. 71445
Gawler, R.A., Kissel, J.E., Jr. Integrated supply/demand planning of electricity systems 99615
Gawlik, W. *see* Chalupczak, W. 94661
Gawne, D.T. *see* Curtis, C.L. 61420
Gaworczyk, J., Kolacinski, Z., Campbell, L.C. DC spiral arc modelling 82136
Gaworzewski, P., Kruger, D., Kurps, R., Rucker, H., Zeindl, H.P. Dopant electrical activity of Si and $Si_{1-x}Ge_x$ multilayer structures doped with δ-like boron spikes at different temperatures 71155
Gawron, N. The impact of fibre optic communication systems in the public network of the Federal Republic of Germany by the Deutsche Bundespost Telekom 52477
Gawron, W. *see* Piotrowski, J. 58752
Gawronski, W. Predictive controller and estimator for NASA deep space network antennas 65891
Gawrylczyk, K.M. *see* Tarczynski, W. 90214
Gay, C. *see* Welch, R.V. 59478
Gay, C.F., Eberspacher, C. Worldwide photovoltaic market growth 1985-2000 78271
Gay, D. *see* Mailhot, S. 56830
Gay, E., Chawki, M.J., Hui Bon Hoa, D., Ligne, M.Le., Tholey, V. Analysis and dimensioning of a unidirectional WDM optically amplified open ring network using channel tap-and-add devices 86438
Gay, E. *see* Tholey, V. 75503
Gay, G., Grosz-Ngate, M. Collaborative design in a networked multimedia environment: emerging communication patterns 97704
Gay, J. *see* Aregba, D. 58960
Gay, J.C. *see* Peuzin, J.C. 80554
Gay, M.J. *see* Jobling, D.T. 85973
Gay, R. *see* Fredric, C. 100499
Gay, R.K.L. *see* Chong, M.M.S. 51553
Gay, V., Kervella, B., Horlait, E. Conception of a multimedia electronic mail based on standards 96569
Gay, Y. *see* de Werra, D. 48787
Gay-Balmaz, P. *see* Zurcher, J.-F. 57255
Gaydecki, P.A., Burdekin, F.M. An inductive scanning system for two-dimensional imaging of reinforcing components in concrete structures 91654
Gayet, P. *see* Gusewell, D. 76381
Gaylor, J.D. *see* Smirthwaite, P.T. 59253
Gaylor, K. *see* Hu, V. 88649
Gaylord, A.S. *see* Narkiewicz, J.D. 85800
Gaylord, T.K. *see* Anemogiannis, E. 51189
Gaynes, M.A., Shaukatullah, H. Evaluation of thermally conductive adhesives for bonding heat sinks to electronic packages 91048
Gaynes, M.A. *see* Milkovich, C.S. 91007
Gaynes, M.A. *see* Shaukatullah, H. 91018
Gaynes, M.A. *see* Shaukatullah, H. 91086
Gayral, M. *see* Dienot, J.M. 80717
Gazalet, M.G. *see* Bazzi, O. 94215
Gazdewich, J. *see* Ghosh, A.K. 65825
Gazdzinski, R.F. *see* Toman, G.J. 99702
Gazerro, B. Status update of standards development for the electro-optical measurement, characterization and specification of scientific and industrial camera systems 76073
Gazis, E.N. *see* von Apeldoorn, G. 88116
Gazor, S. *see* Farhang-Boroujeny, B. 51440
Gazzola, C. Performance comparison of ceramic and polymer housed arresters 99673
Gburzynski, P. *see* Dobosiewicz, W. 51840
Gburzynski, P. *see* Dobosiewicz, W. 85809
Gdula, M., Haller, T., Krishnamurthy, V., Forman, G. High density overlay interconnect (HDI) delivers high frequency performance for GaAs systems 54511
Ge, H., Tufts, D.W. Advances in phase-only signal processing 84437
Ge, M. *see* Luo, W.-G. 49004
Ge, X.S. *see* Zhang, Y.P. 87584
Ge, Y.Z. *see* Wang, A.D. 60021
Ge Baojun Calculation of the flux distribution coefficient of pole-changing salient pole synchronous machines 89866
Ge Guoqing *see* Guoqing Ge
Ge Hailin, Lin Yucheng Characterization of a chemoresistor pH sensor based on conducting polypyrrole 97893
Ge Hongya *see* Hongya Ge
Ge Huang *see* Huang Ge
Ge Jun Xiang *see* Jun Xiang Ge
Ge Junxiang A study of the theory and experiment of compound millimeter wave quasi-optical power combiner 92498
Ge Shaoyun *see* Dai Hongwei 99616
Ge Weichun *see* Deng Youman 99540
Ge Weichun *see* Yuan Bin 53606
Ge Wu Yong *see* Yong Ge Wu
Ge Xinshi *see* Wang Zheng 76238
Ge Yan *see* Qian Hanchen 83344
Ge Yuanxiu *see* Yang Yongfeng 98553
Ge Zhang *see* Zhang Ge
Geada, P. *see* Barroso, V. 75521
Geagan, M. *see* Freifelder, R. 88410
Geagan, M. *see* Freifelder, R. 98818
Geake, J.E., Mill, C.S., Mohammadi, M.S. A linear differentiating refractometer 53063
Gealy, F.D. *see* Kinney, W.I. 92230
Gealy, F.D. *see* Zurcher, F. 55483
Gear, A.E. *see* Read, M.J. 60846
Gear, C.W. Feature grouping in moving objects 96075
Gearhart, R.A. *see* Cavalli-Sforza, M. 87772
Gearhart, R.A. *see* Kawall, D. 98563
Gearhart, R.A. *see* Klein, S.R. 98488
Gearhart, S.S., Rebeiz, G.M. A monolithic 250 GHz Schottky-diode receiver 80854
Geary, G., Smith, J. Adapting test fixtures for no-clean PCBs 81046
Geatches, R.M., Reeson, K.J., Criddle, A.J., Webb, R.P., Pearson, P.J., Weiss, B.L. Microscope spectrophotometric study of $GaAs/Al_xGa_{1-x}As$ MBE structures 71175
Gebala, D.A. *see* Eppinger, S.D. 69518
Geballe, T.H. *see* Benerofe, S.J. 54968
Gebbia, M. *see* Motto, E. 61555
Gebel, B. *see* Handstein, A. 50199
Gebel, B. *see* Wendhausen, P.A.P. 72184
Gebhard, M.W. *see* Bower, C.R. 98499
Gebhardt, F.G. Airborne laser blooming and turbulence simulations 94841
Gebhardt, W. *see* Grun, M. 69994
Gebhardt, W. *see* Kuhn, W.S. 69942
Gebhardt, W. *see* Stanzl, H. 91517
Gebhardt, W. *see* Wolf, K. 69999
Gebotys, C. *see* Sarfi, R.J. 99761
Gebotys, C.H., Gebotys, R.J. Application-specific architectures for field-programmable VLSI technologies 49474
Gebotys, R.J. *see* Gebotys, C.H. 49474
Gebreselassie, A., Chow, J.H. Investigation of the effects of load models and generator voltage regulators on voltage stability 53596
Gecchetti, A. *see* Bordin, G. 72005
Geckeler, K.E. *see* Zhou, R. 66532
Gecys, V. *see* Galdikas, A. 87079
Geddes, J.B., Moloney, J.V., Wright, E.M., Firth, W.J. Polarisation patterns in a nonlinear cavity 94662
Geddes, L.A. The first stimulators—reviewing the history of electrical stimulation and the devices crucial to its development 88521
Geddes, T.A. *see* Burkin, K. 68672
Gedeonov, A.V. *see* Bogoslovskii, A.P. 69156
Gedge, S.L., Pollard, J.K. Quality assurance in procurement of transmission systems 48724
Gedra, T.W. *see* Damrongkulkamjorn, P. 88986
Gedridge, R.W., Jr. *see* Hill, C.W. 54918
Gedridge, R.W., Jr. *see* Shin, J. 79864
Gedye, D. Groupware and multimedia: position statement 85923
Gee, C.N.P. *see* Brawn, I. 98678
Gee, C.N.P. *see* Brawn, I.P. 98657
Gee, H. *see* Belgal, H. 62990
Gee, J.M., Schubert, W.K., Basore, P.A. Emitter wrap-through solar cell 100469
Gee, J.M. *see* Basore, P.A. 100563
Gee, J.M. *see* King, R.R. 100631
Gee, J.M. *see* Ruby, D.S. 100632
Gee, N. *see* Eisenhandler, E. 59183
Gee, R. *see* Cunningham, T.J. 63022
Gee, R.C. *see* Cunningham, T.J. 62874
Gee, R.C. *see* Mendis, S.K. 66459
Gee, S., Doan, T., Gilbert, K. Stress related offset voltage shift in a precision operational amplifier 91929
Gee, S.A. *see* Chen, A.S. 91044
Gee Kim Sang *see* Sang Gee Kim
Geear, M. *see* Ayliffe, P. 72646
Geelen, A.van *see* van Geelen, A.
Geelhoed, E. *see* O'Conaill, B. 52037
Geels, R.S. *see* Bour, D.P. 56791
Geels, R.S. *see* Bour, D.P. 63787
Geels, R.S. *see* Mehuys, D. 63812
Geer, G.van der *see* van der Geer, G.
Geeraerts, B., Van Petegem, W., Sansen, W. Thermal measurements by use of a SBIMOS diode matrix 56082
Geering, H.P. *see* Weilenmann, M.F. 77114
Geerts, W., Lodder, C., Popma, T. Biaxial Kerr magnetometry in oblique field for the study of thin films with a perpendicular anisotropy 93868
Geest, H.De *see* De Geest, H.
Geeves, S. Assessment of practical fast transient stability methods: state-of-the-art 78010
Geffroy, B., Raimond, P. New electrolytic capacitors with a polypyrrole counterelectrode 70944
Gegenmantel, E. Generic information structure for SDH management 52028
Gegner, J. *see* Sun, X. 80138
Gegner, J.P., Ching-Yao Hung, Lee, C.Q. High power factor AC-to-DC converter using a reactive shunt regulator 100284
Gegner, J.P., Lee, C.Q. Zero-voltage-transition converters using an inductor feedback technique 68834
Gegner, J.P., Lee, C.Q. Zero-voltage-transition converters using a simple magnetic feedback technique 100297
Geha, S. *see* Wang, H. 63058
Gehlot, N.S. *see* Alsina, P.J. 90003
Gehrels, N. *see* Kroeger, R.A. 88035
Gehrig, W. *see* Lebowsky, F. 97627
Gehring, H., Ulrich, R., Wolf, M. An approach for delay-sensitive services in CRMA-II 85317
Gehring, J. *see* Rehm, K.E. 76794
Gehrman, T. *see* Fette, L. 92693
Gehue, H. *see* Melgard, T.E. 65734
Geib, P., Kress, T., Vogel, R. Open system technology in low voltage switching equipment 60386
Geibel, R. *see* Siler, J. 69451
Geideman, W.A. *see* Wu, S.Y. 71897
Geier, J.T. *see* Maheshwar, T.M. 96646
Geier, S. *see* Hessmer, R. 82116
Geier, S. *see* Schreck, M. 69934
Geifman, E.M. *see* Arinushkin, V.N. 49958
Geiger, B., Schaefer, H. Electricity the key to energy conservation 77997
Geiger, D., Vlontzos, J.A. Matching elastic contours 96042
Geiger, D. *see* Kohn, E. 61921
Geiger, D. *see* Strahle, S. 56033
Geiger, H. *see* Xu, M.-G. 52891
Geiger, H.-W., Muller, R., Bohm, G., Trankle, G., Weimann, G. Novel fabrication-tolerant twin-guide laser structure with an external passive waveguide 72902
Geiger, J.C. *see* Bauer, D. 98967
Geiger, R.L. *see* Chong-Gun Yu 55152
Geiger-Kabisch, C. *see* Besthorn, C. 59383
Geijn, J.van de *see* van de Geijn, J.
Geijn, R.Van de *see* Van de Geijn, R.
Geiler, H.-D. *see* Wagner, M. 49024
Geim, A.K., Foster, T.J., Nogaret, A., Mori, N., McDonnell, P.J., La Scala, N., Jr., Main, P.C., Eaves, L. Resonant tunneling through donor molecules 93518
Geim, A.K. *see* Sakai, J.W. 55867
Geim, A.K. *see* Taboryski, R. 49796
Geis, L.A. *see* Gaiewski, W.R. 70955
Geise, H.J. *see* Tachelet, W. 50688
Geiselbrecht, S. SPICE simulation model library for complex analogue components—example of a passive diode ring mixer 61609
Geiselman, E.E., Osgood, R.K. Utility of off-boresight helmet-mounted symbology during a high angle airborne target acquisition task 67697
Geiselman, E.E., Osgood, R.K. Toward an empirically based helmet-mounted display symbology set 99074
Geisik, C. *see* Smith, H.V., Jr. 53184
Geisik, C. *see* Vernon Smith, H., Jr. 76728
Geisinger, J.W., Aalund, M.P., Tesar, D. The design and development of a control system for a T^3-776 robot 54138
Geissbuhler, A. *see* Townsend, D.W. 98819
Geissel, H. *see* Langenbeck, B. 76856
Geissler, P. *see* Jahne, B. 84679
Geissler, S. *see* Koburger, C. 70397

Geissler, S. *see* Voldman, S. 63008
Geissler, U. *see* Wolf, E. 81185
Geist, J.M. Asymptotic error rate behavior for noncoherent on-off keying 51303
Geist, R., Reynolds, R., Suggs, D. Minimizing mean seek distance in mirrored disk systems by cylinder remapping 72079
Geist, T. *see* Hartfuss, H.J. 76173
Geistlinger, H. Accumulation layer model for Ga_2O_3 thin-film gas sensors based on the Volkenstein theory of catalysis 58872
Gejji, R.R. Mobile multimedia scenario using ATM and microcellular technologies 75342
Gelard, P., Rumeau, R. ATLAS—an ATM demonstration experiment for high-rate space telemetry transportation 85622
Gelatos, A. *see* Poon, S. 71402
Gelatos, A.V., Poon, S., Marsh, R., Mogab, C.J., Thompson, M. CVD of copper from a Cu^{+1} precursor and water vapor and formation of TiN-encapsulated submicron copper interconnects by chemical-mechanical polishing 71427
Gelbwachs, J.A. Iron Boltzmann factor LIDAR: proposed new remote-sensing technique for mesospheric temperature 99195
Gelder, I.Van *see* Van Gelder, I.
Gelderen, M.Van *see* Van Gelderen, M.
Gelderloos, C.J., Alexander, J.M. A probe of emission order and time delay for pairs of ejectiles in nuclear reactions 98534
Gelenbe, E. *see* Stafylopatis, A. 58115
Gelet, A. *see* Chapelon, J.Y. 98936
Gelfand, N. *see* Goodwin, J.E. 76678
Gelfand, N.M. Beta measurements and modeling the Tevatron 87844
Gel'fand, Ya.S. *see* Alekseev, V.G. 100191
Gelfand, Y.S. *see* Alekseyev, V.G. 54064
Gel'fer, A.G. *see* Zabytov, Yu.M. 97036
Gelikonova, V.D. *see* Bochanov, A.F. 86842
Gelin, P. *see* Queffelec, P. 76180
Gelin Chen, Yanlin Guo, Wenge Ren A study on multipurpose wideband ultrasonic test equipment and reconstruction of 3-D image 88897
Geling, G., Ionescu, D. An edge detection operator for SAR images 95829
Geling, G. *see* Ionescu, D. 77676
Gelius, L.-J. *see* Sponheim, N. 98879
Gell, M. *see* Lyons, M. 85478
Gell, M.A. *see* Adjali, I. 51956
Gell, M.A. *see* Amin, S.J. 51740
Gell, M.A. *see* Manning, M.R.W. 51957
Geller, A.S. *see* Rader, D.J. 71398
Geller, C.H. *see* Hamaker, H.C. 71470
Geller, D., Goldman, G.M., Donohue, F.J. Largest greenfield cogen plant overcomes hurdles early 78454
Geller, D. *see* Haeb-Umbach, R. 84019
Geller, D. *see* Rahn, J. 98693
Geller, J. *see* Reece, R.K. 68746
Gellermann, W. *see* Mollmann, K. 63716
Gellermann, W. *see* Mollmann, K. 63754
Gelmont, B. *see* Peatman, W.C.B. 62892
Gelorme, J. *see* Brunsvold, W. 81641
Gelow, W.J., Gander, M.R., Eargle, J.M. An integrated digital concept in studio monitoring 97720
Gelsdorf, F. *see* Dellith, M. 80335
Gemello, R., Albesano, D., Mana, F. Correlative training and recurrent network automata for speech recognition 95324
Gemert, L.van *see* van Gemert, L.
Gemma, K. *see* Terai, H. 92251
Gemma, N. *see* Egusa, S. 63585
Gemme, G. *see* Acerbi, E. 63871
Gemme, G. *see* Barletta, W.A. 67060
Gemme, G. *see* Bellomo, G. 67122
Gemme, G. *see* Fabbricatore, P. 82476
Gemme, G. *see* Fabbricatore, P. 87784
Gemmell, D.J. Multimedia network file servers: multi-channel delay sensitive data retrieval 58195
Gemmell, P., Naor, M. Codes for interactive authentication 73767
Gen, M. *see* Okada, S. 61127
Gen, M. *see* Sasaki, M. 61053
Gen Qing Yang *see* Lohner, T. 49857
Gen-Huey Chen, Dyi-Rong Duh Topological properties, communication, and computation on WK-recursive networks 96286
Gen-Lan Lin *see* Fuh, A.Y.-G. 50575
Gen-Lan Lin *see* Fuh, A.Y.-G. 76119
Gen-Tay Huang, Hsueh-Jyh Li Evaluation of far-field RCS from near-field measurements using a near-field imaging technique 58478
Genat, J.F. *see* Alippi, C. 53346
Genat, J.F. *see* Dell'Acqua, A. 87955
Genat, J.F. *see* Dell'Acqua, A. 98680
Gencer, N.G., Ider, Y.Z. A comparative study of several exciting magnetic fields for induced current EIT 67491
Gencer, N.G., Kuzuoglu, M., Ider, Y.Z. Electrical impedance tomography using induced currents 76982
Genda, K. *see* Kawamura, T. 58253
Gendai Gu *see* Gu Gendai
Genderen, A.J.van *see* van Genderen, A.J.
Genderen, J.L.van *see* van Genderen, J.L.
Gendreu, P., Fink, M., Royer, D. Visualization of surface displacement and transmitted field of piezocomposite transducers by optical probing 99342
Gendron, P. *see* Larochelle, Y. 87990
Gendry, M. *see* Garcia Perez, M.A. 56594
Gendry, M. *see* Regreny, P. 55567
Gendry, M. *see* Rojo-Romeo, P. 56038
Gendsior, M. *see* Angenent, H. 52713
Generalov, N.A., Solov'yov, N.G., Yakimov, M.Yu., Zimakov, V.P. High power industrial CO_2 laser 'Lantan-5' with graded reflectivity mirror resonator 72959
Genesio, F. *see* Cavallari, G. 67070
Genet, M. *see* Clari, F. 76351
Genet, M. *see* Lou, L. 72378
Geneva, D.J. *see* Hatwar, T.K. 72492
Geneves, G. *see* Chih-Ping Liang 87427
Geneves, G. *see* Delahaye, F. 86862
Geneves, G. *see* Frantsuz, E.T. 82497
Geneves, G. *see* Lo-Hive, J.P. 86843
Geneves, G. *see* Piquemal, F. 86930
Geneves, G. *see* Piquemal, F. 86931
Geneves, G. *see* Reymann, D. 66638
Genevey, J. *see* Beraud, R. 67398
Geng, C. *see* Forstmann, G.G. 63821
Geng, M. *see* Gao, Y. 53222
Geng Feng Wu *see* Wu Geng Feng
Geng Lin *see* Pippenger, N. 64970
Geng Sun *see* Sun Geng
Geng Yan, Feng-Bao Lin Treatment of corner node problems and its singularity 54790
Geng-Sheng Kuo, Jing-Pei Lin New design considerations of secure RPC for future high-speed network-based distributed environment 75003
Geng-Sheng Kuo, Jing-Pei Lin A new generalized mechanism of secure internetworked information service creation for future personal communications networks 85772
Geng-xian He *see* Yan Liu 76206
Genghua Fan, Raspaud, A. Fulkerson's conjecture and circuit covers 54682
Gengshen Zhao *see* Zhao Gengshen
Gengsheng Wu *see* Chongcheng Fan 63728
Gengyin Li *see* Li Gengyin
Genin, D., Van Nieuwenhove, K., Cools, K., Van Canneyt, M., Willekens, P., Note, S. Design and implementation of an ADPCM data transmission system with DSP Station 70652
Genin, D. *see* Desmet, D. 84224
Genin, F. *see* Jongen, Y. 59011
Genin, R.D. *see* Weaver, J.N. 76739
Genji, T., Nakamura, O., Isozaki, M., Yamada, M., Morita, T., Kaneda, M. 400 V class high-speed current limiting circuit breaker for electric power system 78746
Genkin, V.N. Photo chemical amplified PMMA resists 81642
Genkin, V.N., Myl'nikov, M.Yu. Correlation between the sensitivity and the contrast of polymer resists for developing in good and bad solvents 81674
Gennarelli, C. *see* Bucci, O.M. 51202
Gennari, S., Lottici, P.P., Ricco, F., Attolini, G., Pelosi, C. Raman scattering in GaAs/GaP strained heterostructures grown by MOVPE 71120
Gennari, S., Mannucci, F., Vanzi, L. Cryogenic stepper motors for infrared astronomical instrumentation 68654
Gennaro, G., Leonardi, C., Lillo, F., Vaglica, A., Vetri, G. Internal coherence and quantum phase-difference between two e.m. fields 94716
Gennert, M.A. *see* Pan, T.-S. 59295
Gennissen, P.T.J. *see* Bartek, M. 58792
Gennser, U. *see* Gusev, G.M. 62299
Genoe, J. *see* Fobelets, K. 55866
Genoe, J. *see* van Hoof, C. 94285
Genoe, M., Claesen, L., De Man, H. A parallel method for functional verification of medium and high throughput DSP synthesis 91757
Genon, A. *see* Delince, F. 63250
Genon, A. *see* Delince, F. 80937
Genon, A. *see* Dular, P. 83430
Genon, A. *see* Henrotte, F. 80953
Genossar, M.J., Lev-Ari, H., Kailath, T. Consistent estimation of the cyclic autocorrelation 51446
Genova, F. *see* Salviati, G. 79837
Genqin Yang *see* Chenglu Lin 49873
Genrui Cao, Xin Yu Accuracy analysis of a Hartmann-Shack wavefront sensor operated with a faint object 76077
Genshe Chen *see* Chen Genshe
Genta, G. *see* Bona, B. 93811
Gentil, M.H., Crestani, D., El Rhalibi, A., Durante, C. A new high level testability measure: description and evaluation 49403
Gentile, G., Rotondale, N., Scarano, M. Dynamic behaviour of a traction drive with linear induction motor 100910
Gentile, M. *see* Fayette, D.F. 54497
Gentile, S. *see* Bagnaia, P. 53349
Gentili, G.Biffi *see* Biffi Gentili, G.
Gentili, G.G., Guillot, P., Baudrand, H. Comments on "Improvement in calculation of some surface integrals: application to junction characterization in cavity filter design" [and reply] 70865
Gentili, G.G., Macchiarella, G. Efficient analysis of planar circulators by a new boundary-integral technique 49640
Gentili, M. *see* Abrami, A. 98715
Gentili, P., Biazza, F., Uncini, A. Evolutionary design of FIR digital filters with power-of-two coefficients 92394
Gentilman, R.L. *see* Bowen, L.J. 99338
Gentinne, B., Colinge, J.P., Jespers, P.G.A., Eggermont, J.P. Improvement of the performances of SOI CMOS operational amplifiers by means of a gain-boosting stage 93647
Gentinne, B. *see* Flandre, D. 55959
Gentinne, B. *see* Francis, P. 63002
Gentle, D.G. *see* Alexander, M.J. 73371
Gentner, F.C. *see* Loose, D.R. 59655
Gentner, F.C. *see* Loose, D.R. 99033
Gentry, B.M., Korb, C.L. Edge technique for high-accuracy Doppler velocimetry 83406
Gentzkow, W.van *see* van Gentzkow, W.
Genz, D. Quality and compatibility of absorber chambers 94855
Genz, H. *see* Buschhorn, G. 76859
Genzel, R. *see* Harris, A.I. 97505
Genzken, H. The capabilities of the human brain on the track: modern technologies open up new perspectives in image processing 85139
Geoffroy, L.M. *see* Lush, G.B. 100735
Geok-Ing Ng *see* Kyushik Hong 80665
Geol Shim Yong *see* Yong Geol Shim
Geon Choe A study on the reactive sputtering of SiN thin films for the high performance magneto-optical disks 49010
Geon Ho Kim *see* Dal Hwan Yoon 75170
Georgakilas, A., Christou, A., Zekentes, K., Mercy, J.M., Konczewicz, L.K., Vila, A., Cornet, A. Electrical transport quantum effects in the $In_{0.53}Ga_{0.47}As/In_{0.52}Al_{0.48}As$ heterostructure on silicon 81272
Georgakilas, A. *see* Kuzmik, J. 62527
Georganas, N.D. *see* Lamont, L. 57996
Georganas, N.D. *see* Ming Chen 75482
Georganas, N.D. *see* Ming Chen 96689
Georganas, N.D. *see* Patel, S.P. 58097
Georganas, N.D. *see* Sudhakar, G.N.M. 51854
Georgantas, A.D. *see* Stamoulis, G.D. 57946
George, A. *see* Demuynck, L. 70114
George, A.E. *see* Cadogan, D.P. 99092
George, B.V. Progress with Sizewell B 60063
George, G., Krusius, J.P. Dynamic response of high-speed PIN and Schottky-barrier photodiode layers to nonuniform optical illumination 82821
George, G., Krusius, J.P. Transient response of high-speed p-i-n photodiodes including diffusion effects 82822
George, J.-M. *see* Schuhl, A. 75946
George, K.M. *see* Saeed, F. 96006
George, M.J. *see* Carlson, R.L. 67019
George, N., Shen-Ge Wang Neural networks applied to diffraction-pattern sampling 57669
George, N. *see* Radic, S. 72371
George, P.L. Propagation management systems for HF communications 97516
George, P.L., Jeffrey, Z.R. HF skywave elevation angle measurements as a diagnostic tool 97048
George, P.L. *see* Wilkinson, P.J. 86042
George, R. *see* Buckles, B.P. 95834
George, R. *see* Lloyd, A.C. 60432
George, R.C., Robbins, R.E. A reactive aqueous defluxing system developed as an alternative for ozone depleting cleaning processes 92807
George, S. *see* Febvre, P. 61909
George, S. *see* Febvre, P. 66013
George, T., Saupe, S., Wappelhorst, M.H., Urban, W. The CO fundamental-band laser as secondary frequency standard at 5 μm 76144
George, T. *see* Lee, H.P. 54951
George, T.A. *see* Ledwich, G. 78249
George, T.A. *see* Ledwich, G. 89077
George, V. *see* Tidhar, G. 51709
Georgel, B., Lavayssiere, B., Jacques, P., Labarre, J. Flamenco: an image processing system for flame analysis in a combustion chamber 89593
Georger, J. *see* Cronin, M.F. 81631
Georges, C. AscomNet: a single network for business communications 65272
Georges, F. *see* Neuman, J. 65191
Georges, J.B., Meng-Hsiung Kiang, Heppell, K., Sayed, M., Lan, K.Y. Optical transmission of narrow-band millimeter-wave signals by resonant modulation of monolithic semiconductor lasers 50864
Georges, P., Thomas, P., Leblond, B., Travier, C. CANDELA photo-injector: the drive laser 72751
Georges, P. *see* Balembois, F. 56654
Georges, P. *see* Becker, M.F. 82519
Georges, P. *see* Boucher, Y. 83038
Georges, P. *see* Larrue, D. 72711
Georges, P. *see* Watson, J. 56852
Georges, T. *see* Chandrakumar, V. 75464
Georges, T. *see* Cordier, P. 82599
Georges, T. *see* Douay, M. 63391
Georges, T. *see* Douay, M. 63727
Georges, T.M., Harlan, J.A. Ocean-monitoring tests with the U.S. Air Force over-the-horizon radars 77391
Georges, T.M., Harlan, J.A. New horizons for over-the-horizon radar? 97403
Georgescu, N. *see* Martin, D. 68709
Georgescu, S., Lupei, V., Glynn, T.J., Sherlock, R. Spectroscopic determination of the figures of merit for 3μm Er^{3+} lasers 72737
Georgevich, V. *see* Taleyarkhan, R.P. 68400

Georghiades, C.N. Signaling over high-speed optical intersatellite links 86498
Georghiades, C.N. Modulation and coding for throughput-efficient optical systems 97353
Georghiades, C.N. *see* Calderbank, A.R. 95109
Georghiades, C.N. *see* Jae Choong Han 74140
Georghiades, C.N. *see* Patarasen, S. 64263
Georghiades, C.N. *see* Soljanin, E. 72149
Georgiadis, L., Guerin, R., Parekh, A. Optimal multiplexing on a single link: delay and buffer requirements 64929
Georgiadis, L., Viniotis, I. On the conservation law and the performance space of single server systems 69684
Georgiadis, L. *see* Cidon, I. 65325
Georgiadis, L. *see* Tassiulas, L. 64898
Georgiev, A., Gast, W., Lieder, R.M. An analog-to-digital conversion based on a moving window deconvolution 88226
Georgiev, A., Gast, W., Lieder, R.M. An analog-to-digital conversion based on a moving window deconvolution 98698
Georgiev, J.K. *see* Dimitrov, D.A. 58680
Georgiopoulos, M. *see* Ho, C.S. 92441
Georgiou, C.J. *see* Cheng, T. 74703
Georgiou, C.J. *see* Chung-Sheng Li 96132
Georgiou, C.J. *see* Li, C.-S. 65313
Georgiou, G., Chelouah, A., Monaco, S., Normand-Cyrot, D. Nonlinear multirate adaptive control of a synchronous motor 78596
Georgiou, G.E., Abiko, H., Baiocchi, F.A., Ha, N.T., Nakahara, S. Thermal stability limits of thin $TiSi_2$ Effect on submicron line resistance and shallow junction leakage 55681
Georgiou, M., Mandel, P., Otsuka, K. Modulation of a two-mode laser 63698
Georgiou, T.T. *see* Chin Chang 79655
Georgiou, T.T. *see* Shankwitz, C.R. 74164
Georgokitsos, K. *see* Apfelbeck, J. 65693
Georgoulas, N., Magafas, L., Thanailakis, A. A study of a-SiC/c-Si(n) isotype heterojunctions 62250
Georgui Pak *see* Jae Soo Yoo 63757
Gepko, I.A. *see* Bessalov, A.V. 57354
Geppert, L. Solid state 49497
Geppert, L. Industrial R&D: the new priorities 79205
Gera, A.E., Werner, D.H. Comments on "An exact formulation for the vector potential of a cylindrical antenna with uniformly distributed current and arbitrary radius" [and reply] 73503
Gerace, I. *see* Bedini, L. 51664
Gerace, I. *see* Bedini, L. 84833
Geradin, M. *see* Cardona, A. 69903
Gerald, D. *see* Chen, R.T. 57001
Gerald, D. *see* Chen, R.T. 72395
Geraniotis, E., Wu, J. The probability of multiple correct packet receptions in direct-sequence spread-spectrum networks 75203
Geraniotis, E. *see* Lin, I.-H. 66036
Geraniotis, E. *see* Sauder, D.W. 74168
Geraniotis, E. *see* Snelling, W.E. 52317
Geraniotis, E. *see* Wen-Bin Yang 65556
Gerard, B. *see* Parillaud, O. 54923
Gerard, P., Benech, P., Duport, I.S., Rimet, R., Lang, T. Application of modal propagation technique to study integrated optics structures 63471
Gerard, P., Benech, P., Hao Ding, Rimet, R. A simple method for the determination of orthogonal radiation modes in planar multilayer structures 56388
Gerard, P., Benech, P., Khalil, D.A.M., Rimet, R. Effects of radiation-mode coherent coupling in integrated optics discontinuities 82680
Gerard, P. *see* Helleso, O.G. 94146
Gerashchenko, S.S., Guseva, M.I., Koryukin, V.A., Kaibyshev, V.Z., Obrezumov, V.P., Taldonov, Yu.V. Investigation of the characteristics of thermionic converters with a Mo (110) single-crystal collector with ion-implanted oxygen 90462
Gerasimov, A. Nonlinear evolution of longitudinal bunched-beam instabilities 87911
Gerasimov, A., Lee, S.Y. RF noise revisited: the effect of coherence 87916
Gerasimov, A.I. Evaluation of normalizing constants in closed queueing networks with several types of messages 74676
Gerasimov, A.I. Optimization of closed queueing networks with several classes of messages 85281
Gerasimov, A.I. A Rogowskii coil with remotely tuned electric parameters 87067
Gerasimov, A.I., Fedotkin, A.S., Kulgavchuk, V.V. Small high-voltage liquid resistors 80895
Gerasimov, G.A. *see* Alekseev, E.I. 52883
Gerasimov, V.V. The development of electric power in the Belarus republic 59891
Gerasimov, Yu.A., Bazdyrev, V.S., Ivanov, V.I., Usenko, Yu.I., Fedulov, V.S. Raising the heat energy utilisation efficiency in the annealing of large steel ingots 100966
Gerasimov, Yu.V., Klimovskii, I.I., Kirilenko, V.I., Romanov, A.N., Sinel'shchikov, V.A. Optical systems with copper-vapor lasers—effective means of controlling the interaction zones of a powerful energy flux the surface of matter 63642
Geraskin, E.V. *see* Sekachev, I.V. 87943
Gerasutenko, V. *see* Smyntyna, V.A. 66530
Gerbaud, L., Bigeon, J., Champenois, G. Computer based symbolic analysis and simulation of the control of converter machine drives 90499
Gerbaud, L., Bigeon, J., Champenois, G. Expert system bases to automate selection of drive structures 90567
Gerbaux, X. *see* Birch, J.R. 76149
Gerbaux, X. *see* Mage, J.C. 82099
Gerber, A. *see* Dumesnil, J. 99875
Gerber, D.S. *see* Mathine, D.L. 54877
Gerber, J., Weiler, M., Sohr, O., Jung, K., Ehrhardt, H. Investigations of diamond nucleation on a-C films generated by d.c. bias and microwave plasma 70094
Gerber, J. *see* Anholt, R. 93333
Gerber, R. *see* Fletcher, D. 51045
Gerber, R. *see* Fletcher, D. 51046
Gerber, S.V. *see* Osipov, O.I. 60498
Gerber, T. *see* Hubschmid, W. 82999
Gerbessiotis, A.V. Broadcasting in random graphs 85440
Gerbi, J. *see* Majewski, S. 88005
Gerbier, G. *see* Bacci, C. 67317
Gerbino, E., Baggia, P., Ciaramella, A., Rullent, C. Test and evaluation of a spoken dialogue system 73864
Gerbino, E., Danieli, M. Managing dialogue in a continuous speech understanding system 64337
Gerbino, E. *see* Baggia, P. 51422
Gerblinger, J., Lampe, U., Meixner, H., Perczel, I.V., Giber, J. Cross-sensitivity of various doped strontium titanate films to CO, CO_2, H_2, H_2O and CH_4 66551
Gerblinger, J. *see* Giber, J. 58890
Gerblinger, J. *see* Lampe, U. 58873
Gerblinger, J. *see* Varhegyi, E.B. 66557
Gerdes, I.S. Application of genetic algorithms to the problem of free-routing for aircraft 99126
Gerdes, J.J. Bidirectional eigenmode propagation analysis of optical waveguides based on method of lines 51187
Gerdes, V. HRA techniques; a selection matrix 79223
Gerds, E.J., Van der Spiegel, J., Van Berg, R., Williams, H.H., Callewaert, L., Eyckmans, W., Sansen, W. A CMOS time to digital converter IC with 2 level analog CAM 80500
Gerds, E.J., Van der Spiegel, J., Williams, H.H., Van Berg, R. A CMOS time measurement system with analog memory for particle physics detectors 59203
Gereb-Graus, M., Tsantilas, T. Efficient optical communication in parallel computers 63519
Gereb-Graus, M. *see* Chor, B. 57373
Gereben, O. *see* Peto, G. 71131
Geren, N., Redford, A.H. The significance of desoldering and resoldering methods in robotic automated rework 55466
Gerez, V. *see* Thapar, B. 68309
Gerez, V. *see* Thapar, B. 89371
Gergin, E. *see* Hazen, E. 88227
Gergin, E. *see* Hazen, E. 98699
Gergov, J., Meinel, C. Efficient Boolean manipulation with OBDD's can be extended to FBDD's 80288
Gergov, J. *see* Bern, J. 49100
Gerhard-Multhaupt, R., Bauer, S., Molzow, W.-D., Ren, W., Wirges, W., Yilmaz, S., Oertel, U., Hanel, B., Haussler, L., Komber, H., Lunkwitz, K. Electro-optical and pyroelectrical thermal analysis of novel nonlinear optical side-chain polymers with high thermal stability 63950
Gerhard-Multhaupt, R. *see* Yilmaz, S. 82712
Gerhardinger, P.F., Schave, R.D. Superior quality soda-lime float glass for large area flat panel applications 87379
Gerhards, R. *see* Nabout, A. 57818
Gerhart, G.R., Meitzler, T., Sohn, E.J., Choe, H. The evaluation of ΔT using statistical characteristics of the target and background 64616
Gerhold, J. Liquid helium breakdown as function of temperature and electrode roughness 63329
Gerhold, J. The superconducting cable for energy transmission 89307
Gerhold, J. High voltage insulation of binary current leads 99714
Gerhold, J. *see* Suehiro, J. 63096
Geri, A., La Rosa, M., Veca, G.M. Modeling and analysis of electric and magnetic coupled problems under nonlinear conditions 64095
Geri, A., Salvini, A., Veca, G.M. Displacement eddy current computation in magnetic laminates 71959
Geri, A., Salvini, A., Veca, G.M. Magnet for a MHD linear generator 82430
Geric, L., Strbac, G. Load management in industries with automated or periodic technological processes 79041
Gericke, A. *see* Huhnerfuss, H. 67845
Gericke, A. *see* Huhnerfuss, H. 99265
Gericke, B., Loffler, J.C., Perkavec, M.A. Generation from biomass by means of gasification and integrated gas turbine process 90457
Gerig, G. *see* Szekely, G. 98768
Gerig, L., Soubra, M., Salhani, D. Beam characteristics of the Therapax DXT300 orthovoltage therapy unit 88543
Gerig, R. *see* Dutt, S. 66921
Gerig, R. *see* Huang, Y. 87882
Gerig, R.E. *see* Naifeng Mao 66939
Gerig, S.R. *see* Blaha, G. 64048
Gerin, M. *see* Noraz, S. 80296
Gerin-Lajoie, L. *see* Lefebvre, S. 89063
Gerin-Lajoie, L. *see* Ndereyimana, D. 89195
Gerin-Lajoie, L. *see* Sybille, G. 89065
Gerischer, H. *see* Allongue, P. 71346
Gerken, M.L. *see* Agrawal, J.P. 51866
Gerken, P. Object-based analysis-synthesis coding of image sequences at very low bit rates 74488
Gerl, H.P. *see* Englmaier, A. 61470
Gerl, J. *see* Vetter, K. 76793
Gerla, M., Kovacevic, M., Bannister, J. Optical tree topologies: access control and wavelength assignment 52616
Gerla, M. *see* Fratta, L. 52617
Gerla, M. *see* Kannan, B. 65067
Gerla, M. *see* Kovacevic, M. 65768
Gerla, M. *see* Monteiro, J.A.S. 64983
Gerlach, C.G. A probabilistic framework for optimum speech extrapolation in digital mobile radio 86116
Gerlach, D., Arogyaswami Paulraj Base station transmitter antenna arrays with mobile to base feedback 97166
Gerlach, D., Paulraj, A. Adaptive transmitting antenna arrays with feedback 95021
Gerlach, D.W. *see* Atmuri, S.R. 89258
Gerlach, D.W. *see* Lee, R.L. 89197
Gerlach, E. *see* Fischer, P. 61216
Gerlach, G., Sager, K. A piezoresistive humidity sensor 66247
Gerlach, G., Sager, K., Schroth, A. Simulation of a humidity-sensitive double-layer system 58675
Gerlach, G. *see* Sager, K. 58697
Gerlach, K., Sangston, K.J. A sharp false alarm upper-bound for a matched filter bank detector 74171
Gerlach, M., Onken, R. A dialogue manager as interface between aircraft pilots and a pilot assistant system 67702
Gerlach, P. *see* Zemke, D. 48898
Gerlach, R. *see* Krauss, O. 53558
Gerlando, A.Di *see* Di Gerlando, A.
Gerle, M. *see* Crocetti, P. 96754
Gerling, W. Integration of efforts for the reliability of microelectronic devices 82033
Germain, G. *see* Flanagan, K.A. 59232
Germain, J.-P. *see* Passard, M. 66543
Germain, J.-P. *see* Pauly, A. 87323
German, A., Barkay, N., Katzir, A. High-cycle fatigue of silver halide infrared fibers 56340
German, F.J. General electromagnetic scattering analysis by TLM method 57071
German, R., Lindemann, C. Analysis of stochastic Petri nets by the method of supplementary variables 69706
Germani, A. *see* De Santis, A. 51670
Germano, A. *see* Bucci, G. 75856
Germano, A. *see* Bucci, G. 87005
Germano, A. *see* Bucci, G. 97790
Germano, A. *see* Bucci, G. 100169
Germano, G. *see* Tornai, M.P. 88413
Germano, G. *see* Tornai, M.P. 98832
Germanova, K., Nikolov, L., Khardalov, Ch., Tsvetkov, T. Measurement of minority-carrier diffusion length in semiconductors using a computerized facility 98256
Gerndt, Ch. *see* Zarschizky 94305
Gerndt, R., Kreyssig, J. Catalogue of ASICs for various Fieldbus bus systems 80216
Gerner, M. *see* Bauer, H.-D. 82702
Gernhard, S. *see* Nesbit, L. 92191
Gernhardt, M.G. *see* Hughes, K.B. 68737
Gero, J.S. *see* Rosenman, M.A. 60893
Gerodolle, A. *see* Jones, S.K. 62967
Gerola, D. *see* Waeber, W.B. 87938
Gerold, D. *see* Li, M.M. 72393
Gerold, D. *see* Li, M.M. 82862
Gerold, D. *see* Tang, S. 82858
Gerold, D. *see* Tang, S. 82867
Gerold, J.Stoffel *see* Stoffel Gerold, J.
Gerome, Y. *see* Moliere, M. 89677
Gerosa, G. *see* Alvarez, J. 70328
Gerosa, G. *see* Di Nallo, C. 80606
Gerosa, G. *see* Pham, D. 92287
Gerosa, S., Romano, G.P. Effect of noise in laser doppler anemometry 57024
Gerr, R. Analysis of the dual heater isothermal AC/DC converter 86901
Gerrard, S. Requirements and solutions for integration of multimedia services on the desktop 51915
Gerrard, S. *see* Williams, A. 74954
Gerri, M. *see* Layadi, N. 61372
Gerrish, V. *see* Hamilton, W.J. 88060
Gerrish, V. *see* Hamilton, W.J. 98576
Gerritsma, G.J. *see* Joosse, K. 50399
Gersdorf, R., Frings, P.H., Franse, J.J.M., de Boer, F.R. The Amsterdam high-field facility 79511
Gersdorf, R. *see* Frings, P.H. 83543
Gershenzon, E. *see* Karasik, B. 66353
Gershenzon, E.M. *see* Danerud, M. 58749
Gershenzon, E.M. *see* Danerud, M. 87181
Gershenzon, E.M. *see* Gol'tsman, G.N. 66355
Gershenzon, E.M. *see* Karasik, B.S. 93942
Gershenzon, E.M. *see* Lindgren, M. 56521
Gershenzon, E.M. *see* Nebosis, R.S. 66354
Gershenzon, E.M. *see* Semenov, A.D. 66352
Gershman, A.B. *see* Ermolaev, V.T. 84360
Gershman, V. *see* Lin, J.Y. 74921

Gershman, V. *see* Lin, J.Y. 86507
Gersho, A. Advances in speech and audio compression 64323
Gersho, A. *see* Das, A. 57435
Gersho, A. *see* Gupta, S. 96085
Gersho, A. *see* Paksoy, E. 73869
Gersho, A. *see* Rose, K. 57400
Gersho, A. *see* Siu-Wai Wu 84776
Gersho, A. *see* Wai-Yip Chan 51464
Gersho, A. *see* Wu, S.W. 74412
Gersho, A. *see* Wu, S.W. 85031
Gersho, A. *see* Zeger, K. 95198
Gersing, E., Osypka, M. EIT using magnitude and phase in an extended frequency range 67553
Gerson, P.M. Developments in Groningen design engineering, or: the virtual reality of the engineer 54470
Gerstenhofer, G.F.M. The new control system for the load distribution of the Isar-Amperwerke 99545
Gerster, C. Fast high-power/high-voltage switch using series-connected IGBTs with active gate-controlled voltage-balancing 61529
Gerster, C. *see* Steiner, F.P. 79168
Gerstner, K., Tschudi, T. New diode laser light source for two-wavelength interferometry 57026
Gerstner, K., Tschudi, T. New diode laser light source for absolute ranging two-wavelength interferometry 83398
Gerth, D. Active flammability of radio interference suppression capacitors 94875
Gerthsen, D., Schafer, H.C., Rosen, B., Rizzi, A., Moritz, H., Luth, H. Structural properties of $FeSi_2$/Si(111) heterostructures grown by gas source molecular beam epitaxy 81354
Gerthsen, D. *see* Dieker, C. 81794
Gertkemper, C., Ostermeier, A., Wehrend, H. Investigation of time delay relays, with the example of a digital multifunction relay for earth short-circuit detection in electric power systems 68307
Gertner, E.R. *see* Kozlowski, L.J. 66492
Gertner, I.C. *see* Basu, D. 74239
Gertsen, J. *see* Deis, G. 87958
Gertsen, J. *see* Heim, J. 88070
Gerusov, A.V. *see* Shlyaptsev, V.N. 50739
Gervais-Ducouret, S. *see* Fouillat, P. 82091
Gervascio, T. Solder beads: how to make them a vanishing act 92777
Gervasi, M. *see* De Bernardis, P. 66010
Gerver, M.J. *see* Fenn, R.C. 82303
Gervin, J.C., Ragan, R.M. Identifying roads and houses from scanned aerial photography and combining them with TIGER and digital terrain data of suburban areas 77692
Gervino, G., Monticone, E. Characterization and performance of BGO crystals for positron emission tomography 67471
Gervino, G., Monticone, E., Lavagno, A. A low background, large solid angle neutron detector for spectroscopy and dosimetry application 67290
Gervino, G. *see* Greife, U. 98550
Gerzanich, E.I., Mel'nik, V.S., Pcholinskii, A.A. Formulas for the dielectric constant and limits of their applicability in the method of a thin bar in a waveguide 64191
Gerzon, M.A. Applications of Blumlein shuffling to stereo microphone techniques 97732
Geschickter, C. A commonsense plan for client-server migration 65268
Geschonke, G. *see* Boiteux, J.P. 76505
Geshiro, M. *see* Hotta, M. 82625
Gesland, J.Y. *see* Meichenin, D. 72786
Gess, D. *see* Cohan, D. 90872
Gessert, T.A., Coutts, T.J. Development and analysis of Cu-doped ZnTe for use as a back contact interface for CdS/CdTe solar cells 90435
Gessert, T.A. *see* Piszczor, M.F., Jr. 99108
Gessner, O. *see* Brunner, M. 54485
Gessner, R. *see* Borchert, B. 50791
Gestel, H.C.J.M.van *see* van Gestel, H.C.J.M.
Gestel, R.van *see* van Gestel, R.
Gestral, P.J.Van *see* Van Gestral, P.J.
Gesu, V.D., Romeo, L. An application of integrated clustering to MRI segmentation 67525
Getbehead, M.A. *see* Andrews, H.G., II 57674
Getino, J. *see* Horrillo, M.C. 66523
Getman, I.P., Kurbatova, N.V. An efficient finite element approach to planar vibrations of piezoelectric plates 77749
Getsinger, W.J. *see* Green, H.E. 64173
Gettelfinger, G. *see* Von Goeler, S. 59246
Gettle, R. *see* Cleeves, M. 71433
Getz, B. *see* Levanon, N. 86573
Geulen, E. *see* Niebert, N. 96551
Geun Bae Lim *see* Hee Don Seo 87070
Geun Jeong Dong *see* Dong Geun Jeong
Geun Jeong Dong *see* Jeong Dong Geun
Geun Jeong Hang *see* Hang Geun Jeong
Geun Song Chang *see* Chang Geun Song
Geun-Hie Rim, Won-Ho Kim, Eun-Soo Kim, Ki-Chul Lee A choppingless converter for switched reluctance motor with unity power factor and sinusoidal input current 100843
Geun-Hie Rim *see* Eun-Soo Kim 68831
Geun-Rae Cho *see* Youngjin Kim 73924
Geun-Sun Auh Digital dynamic compensation methods of rhodium self-powered neutron detector 89529
Geun-Sun Auh, Tae-Young Yoon Margin benefit assessment of a digital monitoring system for existing analog plants 89530
Geurts, F.L.S. *see* Van Heesch, E.J.M. 63063
Geurts, J. *see* Gleitsmann, G. 71281
Geurts, J. *see* Kohl, A. 54921
Geurts, J. *see* Wagner, V. 61278
Geurts, W. *see* Catthoor, F. 85081
Geurts, W. *see* Depuydt, F. 49087
Geuther, J. *see* Colwill, W. 78507
Geva, A. *see* Gath, I. 88514
Geva, A.B., Pratt, H. Unsupervised clustering of evoked potentials by waveform 98888
Geva, A.B. *see* Pratt, H. 53431
Geva, M. *see* Asom, M.T. 54883
Geva, M. *see* Bylsma, R.B. 72804
Geva, M. *see* Chand, M. 63775
Geva, M. *see* Malik, R.J. 61919
Gevaert, D., Vanneuville, J., Nedved, J., Sevenhans, J. Switched current sigma-delta A/D converter for a CMOS subscriber line analog front end 49504
Gevargiz, J.M. Performance analysis of an all digital BPSK demodulator 86056
Gevchuk, A. *see* Androsov, V. 76390
Gevchuk, A. *see* Bar'yakhtar, V. 67407
Gevchuk, A.V. *see* Bulyak, E.V. 76573
Gevel, M.van de *see* van de Gevel, M.
Gevelber, M.A. Dynamics and control of the Czochralski process. III. Interface dynamics and control requirements 48903
Gevelber, M.A. Dynamics and control of the Czochralski process. IV. Control structure design for interface shape control and performance evaluation 48907
Gevins, A. Measurement of neurocognitive networks of the human brain 77003
Gevins, A., Jian Le, Martin, N.K., Brickett, P., Desmond, J., Reutter, B. High resolution EEG: 124-channel recording, spatial deblurring and MRI integration methods 88505
Gevorgian, S.S. Short-circuit photocurrent-controlled microwave P-I-N diode switch 70885
Gevorgian, S.S. Basic characteristics of two layered substrate coplanar waveguides 73460
Gevorkian, D.Z. *see* Egiazarian, K.O. 64416
Gevorkyan, A.G., Smirnova, G.M., Khutorshikov, V.I. On the development of the rubidium frequency standards 86941
Gevorkyan, E.A. *see* Barsukov, K.A. 57184
Gevorkyan, Zh.S. Theory of transition radiation in randomly inhomogeneous medium 51037
Gey Lee Jeong *see* Jeong Gey Lee
Geyer, A. *see* Dickmann, J. 56034
Geyer, C. *see* Michel, E. 88029
Geyer, E.M. *see* Huxtable, B.D. 77329
Geyer, R.G., Krupka, J. Dielectric properties of materials at cryogenic temperatures and microwave frequencies 87437
Geyer, R.G. *see* Baker-Jarvis, J. 98263
Geyer, R.G. *see* Krupka, J. 93683
Geyer, S., Gunther, W., Paul, S. Experiences in object-oriented software development for a large project: ten propositions 85997
Geyi Wen *see* Wen Geyi
Geyikli, T. *see* Gardner, L.R.T. 61192
Geyler, V.A., Popov, I.Yu. Resonant tunnelling in zero-dimensional systems: explicitly solvable model 49809
Geysen, W. *see* Johansson, T.B. 68665
Geysen, W. *see* Johansson, T.B. 78667
Geysen, W. *see* Van Poucke, P. 68622
Geyzers, K.P. *see* Nagele, M. 63982
Geza Joos *see* Pande, M. 90125
Ghaderi, M., Kumar, S., Dodds, D.E. Adaptive predistortion linearliser using polynomial functions 51497
Ghaffari, B., Conti, R.S., Steiger, T.D. Accumulation and bunching of positrons 87664
Ghafoor, A. *see* Miae Woo 64895
Ghafouri-Shiraz, H., Lo, B.S.K., Chu, C.Y.J. Structural dependence of three-phase-shift distributed feedback semiconductor laser diodes at threshold using the transfer matrix method 56802
Ghafouri-Shiraz, H., Shum, P. Soliton formation in a nonlinear lossy LC ladder network with quadratic polynomial expression for the C-V characteristic of the network capacitors 91865
Ghafouri-Shiraz, H. *see* Chu, C.-Y.J. 63852
Ghafouri-Shiraz, H. *see* Chu, C.Y.J. 83131
Ghafouri-Shiraz, N. *see* John, J. 63380
Ghafourian, R. *see* Strumpf, H.J. 88701
Ghahramani, B., Fleischer, L.B., Congleton, J.J., Foster, J.W. AT&T image analysis system development for manual lifts 95766
Ghahremani, M. *see* Ho, T.C. 80735
Ghai, R., Singh, S. An architecture and communication protocol for picocellular networks 86078
Ghajar, R. *see* Billinton, R. 59720
Ghajar, R. *see* Billinton, R. 59871
Ghali, A. *see* Bouridane, A. 95920
Ghalla, M. *see* Faur, M. 100687
Ghaloum, S.Y. Global System for Mobile Communications (GSM) from Europe to the Gulf 52396
Ghanashev, I., Shivarova, A., Schluter, H. Method for calculating wave attenuation coefficients in plasmas 94849
Ghanassi, M. *see* Ricard, D. 56925
Ghanayem, S. *see* Uritsky, Y. 93231
Ghanbari, M., Azari, J. Effect of bit rate variation of the base layer on the performance of two-layer video codecs 57707
Ghanbari, M. *see* Dagiuklas, A.F. 58265
Ghanbari, M. *see* Dagiuklas, A.F. 64911
Ghanbari, M. *see* Sampson, D.G. 84840
Ghanbari, M. *see* Seferidis, V.E. 51700
Ghanbari, M. *see* Tan, K. 57853
Ghandakly, A. *see* Brihoum, M.E. 77976
Ghandakly, A. *see* Idowu, P. 68027
Ghandakly, A.A., Curran, R.L. A model to predict current distributions in heavy current parallel conductor configurations 59952
Ghandakly, A.A., Curran, R.L., Collins, G.B. Ampacity ratings of bundled cables for heavy current applications 59951
Ghandakly, A.A. *see* Farhoud, A.M. 68037
Ghandakly, A.A. *see* Jalal, A.M. 68566
Ghandeharian, H. *see* Burgess, A.E. 76918
Ghanekar, S., Tantaratana, S., Franks, L.E. Multiplier-free IIR filter realization using periodically time-varying state-space structure. I. Structure and design 61803
Ghanekar, S., Tantaratana, S., Franks, L.E. Multiplier-free IIR filter realization using periodically time-varying state-space structure. II. VLSI architectures 61804
Ghanekar, S.P. *see* Tantaratana, S. 92329
Ghanem, M.C., Al-Haddad, K., Roy, G. A new single phase buck-boost converter with unity power factor 68715
Ghanem, M.C., Al-Haddad, K., Roy, G. A new single phase AC/DC buck-boost converter with unity power factor 90133
Ghanem, M.C., Al-Haddad, K., Roy, G. Unity power factor scheme using cascade converters 90146
Ghang-Ming Liaw, Faa-Jeng Lin A robust speed controller for induction motor drives 69091
Ghani, M.R.Ab. *see* Ab. Ghani, M.R.
Ghani, S., Schwartz, M. A decomposition approximation for the analysis of voice/data integration 74674
Ghani, S.N. Corrections to "Digital computer simulation of three-phase induction machine dynamics—a generalized approach" 60225
Ghanim, E.H. *see* Hussein, A. 76796
Ghannam, M. *see* Murti, M.R. 100480
Ghannam, M. *see* Sivoththaman, S. 100481
Ghannam, M.Y., Sivoththaman, S., Elgamel, H.E., Nijs, J., Rodot, M., Sarti, D. 636 mV open circuit voltage multicrystalline silicon solar cells on Polix material: trade-off between short circuit current and open circuit voltage 100620
Ghannam, M.Y., Sivoththaman, S., Nijs, J., Rodot, M., Mertens, R. Tailoring the degradation of the quantum efficiency of multicrystalline silicon solar cells caused by non-optimized heavy phosphorus diffusion 100623
Ghannam, M.Y. *see* Elgamel, H.E. 100575
Ghannam, M.Y. *see* Elgamel, H.E. 100641
Ghannouchi, F.M., Beauregard, F., Kouki, A.B. Large-signal stability and spectrum characterization of a medium power HBT using active load-pull techniques 70876
Ghannouchi, F.M., Beauregard, F., Kouki, A.B. Power added efficiency and gain improvement in MESFET amplifiers using an active harmonic loading technique 92559
Ghannouchi, F.M., Beauregard, F., Kouki, A.B. Measurement of microwave absolute power with the aid of a six-port junction with four diodes 98281
Ghannouchi, F.M., Beauregard, F., Zhao, G. Phase distortion measurements for saturated MESFETs loaded with arbitrary impedance terminations 93506
Ghannouchi, F.M., Brodeur, A., Beauregard, F. A de-embedding technique for reflection-based S-parameters measurements of microwave devices 87467
Ghannouchi, F.M., Guoxiang Zhao, Beauregard, F. Simultaneous load-pull of intermodulation and output power under two-tone excitation for accurate SSPA's design 70870
Ghannouchi, F.M., Kouki, A.B., Beauregard, F. A new implementation of the device line measurement technique for accurate microwave oscillator design 70883
Ghannouchi, F.M., Xu, Y., Bosisio, R.G. One-step connection method for the measurement of N-port microwave networks using six-port techniques 76179
Ghannouchi, F.M. *see* Akyel, C. 76175
Ghannouchi, F.M. *see* Begin, M. 97839
Ghannouchi, F.M. *see* Berini, P. 70872
Ghannouchi, F.M. *see* Cardinal, J.-S. 97074
Ghannouchi, F.M. *see* Caron, M. 98284
Ghannouchi, F.M. *see* Di-Luan Le 87470
Ghannouchi, F.M. *see* Di-Luan Le 92556
Ghannouchi, F.M. *see* Eid, E. 86856
Ghannouchi, F.M. *see* Hajji, R. 93331
Ghannouchi, F.M. *see* Khebir, A. 94888
Ghanta, S. *see* Du, D.H.C. 97192
Ghanta, S. *see* Hossain, M. 72530
Ghantous, E. *see* Bearce, D. 78399
Gharachorloo, K. *see* Kuskin, J. 49475

Gharavi, H., Partovi, M.H. Video coding and distribution over ATM for multipoint teleconferencing 75104
Gharavi-Alkhansari, M., Huang, T.S. A fractal-based image block-coding algorithm 85021
Ghareeb, I., Yongacoglu, A. Performance evaluation of slow-frequency hopped/joint frequency-phase modulation in broadband and partial-band noise jamming 83915
Ghareeb, I., Yongacoglu, A. Performance of joint frequency phase modulation over Rayleigh fading channels 86037
Gharsallah, N. *see* Chen, M.-M. 50236
Ghasemzadeh, S. *see* Faiz, J. 48602
Ghassan Kawas Kaleh, Vallet, R. Joint parameter estimation and symbol detection for linear or nonlinear unknown channels 74035
Ghassemlooy, Z., Issa, A.A., Wilson, B. Spectral predictions for hybrid pulse frequency and width modulation 64259
Ghassemlooy, Z. *see* Lu Chao 85850
Ghassemzadeh, A. *see* Makepeace, C.D. 75099
Ghassemzadeh, M. *see* Karam, M. 68526
Ghassemzadeh, S.S., Schilling, D.L., Hadad, Z. On the statistics of multipath fading using a direct sequence CDMA signal at 2 GHz, in microcellular and indoor environment 75261
Ghatak, K.P., Biswas, S.N. A simple theoretical analysis of the photoemission from ultra-thin films of nonlinear optical materials in the presence of a quantizing magnetic field 83337
Ghatalia, A. *see* El-Kareh, B. 62969
Ghatraju, L., Abd-El-Barr, M.H., McCrosky, C. High-level synthesis of digital circuits by finding fixpoints 49218
Ghauri, S.S. *see* Lo, K.L. 59887
Ghavami, M., Nader-Esfahani, S., Rupprecht, W. Decision feedback equalization of HDSL using a generalized adaptive IIR delay filter 65491
Ghazi-Moghaddam, F., Lambadaris, I., Hayes, J.F. Overflow constraint in hybrid nodes with movable boundary scheme 75068
Ghaznavii, R. *see* Novitsky, J. 70584
Ghazvinian, F. *see* Lai, D. 95097
Ghedamsi, A. *see* Gang Luo 65060
Gheen, G. Distortion invariant Volterra filters 51674
Gheen, G., Dickey, F., DeLaurentis, J. Examination of metrics and assumptions used in correlation filter design 51576
Gheeraert, E., Fontaine, F., Deneuville, A., Khong, Y.L., Collins, A.T. Characterization of defects in boron implanted chemically vapour deposited diamond films by electron paramagnetic resonance and cathodoluminescence 71296
Gheeraert, E. *see* Fontaine, F. 70120
Gheeraert, E. *see* Foulon, F. 81187
Gheeraert, E. *see* Foulon, F. 98728
Gheeraert, E. *see* Gonon, P. 71233
Gheeraert, E. *see* Gonon, P. 72565
Gheeraert, E. *see* Gonon, P. 93308
Gheewala, T. *see* Varma, P. 80293
Ghelardoni, P., Marzulli, P. Error estimates for shooting methods in two-point boundary value problems for second-order equations 54781
Ghelfi, P. *see* Bellotto, W. 57784
Gheri, G., Guglielmi, M. A CAD tool for complex waveguide components and subsystems 55372
Gheri, G. *see* Guglielmi, M. 57187
Gheri, G. *see* Guglielmi, M. 70816
Gheysens, R., Cistelecan, M., Tiba-Ghigea, M. Modelling of the asynchronous generator in autonomous operation 54030
Gheysens, R. *see* Fireteanu, V.S. 90688
Ghezali, S. *see* Clairon, A. 86868
Ghezzo, M. *see* Brown, D.M. 49826
Ghezzo, M. *see* Tyagi, R. 71389
Ghiara, T. *see* Fracchia, M. 54193
Ghiasi, A. *see* Freking, W. 83140
Ghiassi, M. Landuse classification, mapping in large area using of high resolution satellite data, and GIS 77604
Ghiazza, D. *see* Laurent, G. 53719
Ghibaudo, G. *see* Emrani, A. 71636
Ghibaudo, G. *see* Fikry, W. 55978
Ghibaudo, G. *see* Giroux, F. 62509
Ghibaudo, G. *see* Jomaah, J. 50026
Ghibaudo, G. *see* Jomaah, J. 62807
Ghibaudo, G. *see* Jomaah, J. 93460
Ghibaudo, G. *see* Papadas, C. 55264
Ghibaudo, G. *see* Rais, K. 62802
Ghibaudo, G. *see* Rais, K. 93485
Ghiggino, P. *see* Vercelli, R. 96641
Ghiglia, D.C. *see* Wahl, D.E. 74300
Ghigo, F.D. *see* Norrod, R.D. 58536
Ghin, R. *see* David, J.P.R. 55639
Ghiocel, D.M., Stevenson, J.D. The effect of elevated temperatures and restraint of free end displacement on structural steel in power plants 78308
Ghione, G., Gilli, M., Graglia, D. Steady-state analysis of nonlinear dispersive planar electromagnetic structures under periodic excitation 73264
Ghione, G., Gilli, M., Graglia, R.D. Fast steady-state algorithms for the analysis of nonlinear dispersive, distributed planar electromagnetic structures, excited by periodic waveforms 83613
Ghione, G. *see* Benvenuti, A. 62723
Ghione, G. *see* Bonani, F. 62888
Ghione, G. *see* Bonani, F. 70886
Ghione, G. *see* Bonani, F. 93300
Ghirardi, F., Brandon, J., Huet, F., Carre, M., Thomas, J., Bruno, A., Carenco, A. InP-based 10-GHz bandwidth polarization diversity heterodyne photoreceiver with electrooptical adjustability 86321
Ghirardi, F., Mersali, B., Brandon, J., Herve-Gruyer, G., Carenco, A. Quasi planar spot-size transformer for efficient coupling between a cleaved fibre and an InP/InGaAsP rib waveguide 50573
Ghirardi, F. *see* Mersali, B. 94143
Ghirardi, G. *see* Benatti, F. 56274
Ghis, A., Villegier, J.C., Nail, M., Gibert, Ph., Striby, S. Ultra fast combined bolometric and non-bolometric infrared detector 66351
Ghis, A. *see* Robbes, D. 66714
Ghis, A. *see* Villegier, J.C. 63318
Ghislain, L.P., Switz, N.A., Webb, W.W. Measurement of small forces using an optical trap 87558
Ghisler, Ch., Luthy, W., Weber, H.P., Morel, J., Woodtli, A., Dandliker, R., Neuman, V., Berthou, H., Kotrotsios, G. A Tm^{3+} sensitized Ho^{3+} silica fibre laser at 2.04 μm pumped at 809 nm 63736
Ghista, D.N. *see* Alpsan, D. 88485
Ghitani, H.El *see* El Ghitani, H.
Ghiti, A., Ekenberg, U. Improved laser performance due to spatial separation of heavy- and light-hole states in compressive- and tensile-strained structures 83132
Ghodsi, R., Yeow, Y.T., Alam, M.K. Assessment of hot-hole-induced interface states and trapped carriers in submicron n (metal-oxide semiconductor field effect transistors) by gate-to-drain capacitance measurement 71705
Ghoi, J.-Y. *see* Ohsawa, S. 76312
Ghoneim, M.Z., Abdel Aziz, A.M., Elgazar, M.M., Ansary, K.E. Optimum adjustment of static VAr compensators for voltage control in power systems 77927
Ghoneim, M.Z., Abo-Taleb, S., Othman, S.A., El-Bana, S.H. A feasible-unique load flow technique 77824
Ghorashi, A.H., Murthy, S.S., Singh, B.P., Singh, B. Analysis of wind driven grid connected induction generators under unbalanced grid conditions 78518
Ghorayeb, S.R., Lord, W., Udpa, S.S. Application of a beamforming technique to ultrasound imaging in nondestructive testing 49033
Ghorbel, F. A complete invariant description for gray-level images by the harmonic analysis approach 95652
Ghorbel, F. *see* Banga, C. 88466
Ghosal, D., Lakshamn, T.V., Huang, Y. High-speed protocol processing using parallel architectures 65423
Ghosal, D. *see* Chao, H.J. 74722
Ghose, K. The architecture of response-pipelined content addressable memories 80314
Ghose, K., Horsell, R.K., Singhvi, N.K. Hybrid multiprocessing using WDM optical fiber interconnections 50628
Ghose, S. *see* Vinod, V.V. 51585
Ghosh, A., Pal, N.R., Pal, S.K. Neural computing: An introduction and some applications 84854
Ghosh, A. *see* Acharya, T.K. 57757
Ghosh, A. *see* Alidina, M. 92145
Ghosh, A. *see* Gupta, R. 76648
Ghosh, A. *see* Lie, T.T. 59810
Ghosh, A. *see* Lindner, M. 82420
Ghosh, A. *see* Thompson, P. 76655
Ghosh, A. *see* Wanderer, P. 82421
Ghosh, A.K., Lubkeman, D.L. The classification of power system disturbance waveforms using a neural network approach 89239
Ghosh, A.K., Lubkeman, D.L., Dixon, T.B., Girgis, A.A. A PC-based system to assist researchers in electric power distribution systems analysis 89252
Ghosh, A.K., Paquin, N., Levesque, M., Gazdewich, J., Patterson, L.R.B. Development of photonic technologies for future space applications 65825
Ghosh, A.K., Robins, K.E., Sampson, W.B. Axial variations in the magnetic field of superconducting dipoles and quadrupoles 76647
Ghosh, A.K., Robins, K.E., Sampson, W.B. The ramp rate dependence of the sextupole field in superconducting dipoles 82417
Ghosh, A.K. *see* Anerella, M. 76663
Ghosh, A.K. *see* De, S.S. 71147
Ghosh, A.K. *see* Garber, M. 82418
Ghosh, A.K. *see* Muratore, J. 82419
Ghosh, A.K. *see* Wanderer, P. 82422
Ghosh, B.K. Image based estimation problems in system theory: motion and shape estimation of a planar textured surface undergoing a rigid flow 57724
Ghosh, B.K. *see* Lei, M. 58985
Ghosh, B.K. *see* Loucks, T. 64837
Ghosh, G. Temperature dispersion of refractive indexes in some silicate fiber glasses 50492
Ghosh, G. Thermo-optic coefficients of $LiNbO_3$, $LiIO_3$, and $LiTaO_3$ nonlinear crystals 94589
Ghosh, G., Endo, M., Iwasaki, T. Temperature-dependent Sellmeier coefficients and chromatic dispersions for some optical fiber glasses 82517
Ghosh, G. *see* Endo, M. 94191
Ghosh, G. *see* Loomans, M.E. 79975
Ghosh, J. *see* Chong, S. 64941
Ghosh, K., Dutta, P.F., Duttagupta, P.B. Nonuniform sampling and reconstruction of waveforms and its extension to wide band signal 99789
Ghosh, M. *see* Jianping Xi 100527
Ghosh, P.K. *see* Wunderlich, R.A. 55962
Ghosh, R. *see* Kraje, B. 68423
Ghosh, R. *see* Sandborn, P.A. 79368
Ghosh, R.N., Williams, E.R., Clark, A.F., Soulen, R.J., Jr. Cryogenic precision capacitance bridge using a single electron tunneling electrometer 58910
Ghosh, S. NODIFS—simulating faults fast 80280
Ghosh, S., De, A., Ray, S. Microcrystalline silicon carbon alloy film prepared by photo-chemical vapour deposition 70107
Ghosh, S., Nagesh, S.R., Jain, P.K., Basu, B.N. A simple model for anisotropic loading of a vane-loaded helix for broad-band travelling-wave tubes 55523
Ghosh, S. *see* Agarwal, L. 70410
Ghosh, S. *see* Bonde, A.R., Jr. 96210
Ghosh, S. *see* Lee, P.C. 85665
Ghosh, S. *see* Line, J.C. 96229
Ghosh, S. *see* Ray, S. 79910
Ghosh, S. *see* Soni, A. 69458
Ghoshal, K. *see* Combs, F. 89086
Ghoshal, U., Van Duzer, T., Martens, J. High Tc superconductors-semiconductor wideband amplifiers 91917
Ghoshal, U. *see* Hilbert, C. 50423
Ghoshtagore, R. *see* Hu, J.M. 69568
Ghozati, S.A. The topological design of computer networks 96281
Ghrayeb, J. *see* Hancock, W.R. 77170
Ghrayeb, J. *see* Johnson, M. 76135
Ghulam Qasim *see* Shun-Shi Zhong 94965
Ghun Choe *see* Hyun Tae Jung 58198
Ghyselen, B., Bari, M.A., Tarte, E.J., Blamire, M.G., Somekh, R.E., Yan, Y., Evetts, J.E. Josephson junctions based on c-axis oriented YBaCuO/PrBaCuO/YBaCuO trilayers 82382
Gi Hun Lee, Jinho Choi, Rae-Hong Park, Iickho Song, Jae Hyuk Park, Byung-Uk Lee Modification of the reference signal for fast convergence in LMS-based adaptive equalizers 86663
Gi Hun Lee, Joon Seek Kim, Rae Hong Park, Sang Uk Lee, Jong Soo Choi Segmented video coding using variable block-size segmentation by motion vectors 64868
Gi Hyun Jung *see* Seung Wook Lee 95878
Gi Hyun Jung *see* Sun Jung Choi 80231
Gi Kim Cheol *see* Cheol Gi Kim
Gi Ko Chui *see* Chui Gi Ko
Gi Ko Chul *see* Chul Gi Ko
Gi Lee Byeong *see* Byeong Gi Lee
Gi Seok Kim *see* Jae Chang Shim 64871
gi Yu Sang *see* Sang gi Yu
Gi-Won Cha *see* Do-Chan Choi 70532
Gia Ky Hoang *see* Hoang Gia Ky
Giachero, F. *see* De Micheli, E. 84709
Giachetti, J.-L. *see* Guillou, L.C. 75705
Giachin, E. *see* Baggia, P. 51422
Giachin, E. *see* Baggia, P. 64389
Giachin, E. *see* Clementino, D. 51375
Giachin, E. *see* Clementino, D. 73920
Giachin, E. *see* Fissore, L. 64338
Giacobino, E., Courty, J.M., Fabre, C., Hilico, L., Lambrecht, A. Quantum optics with parametric and atomic media 50954
Giacoletto, L.J. *see* Reck, A.C. 89995
Giacomazzi, P., Trecordi, V. A study of non blocking multicast switching networks 96134
Giacomazzi, P. *see* Bassi, S. 96283
Giacomazzi, P. *see* Decina, M. 96171
Giacomelli, G. *see* Cecchini, S. 88183
Giacomelli, R. *see* Anderson, B.E. 88246
Giacometti, J.A. *see* Alves, N. 71845
Giacomini, J.C. *see* Thompson, A.C. 88381
Giacomucci, A. *see* Brunetti, M.T. 87957
Giaconi, M. *see* Vespasiano, G. 50466
Giaconia, C. *see* Mini, L. 61340
Giaconia, S. *see* de Vitry, J. 97000
Giacuzzo, F. *see* Bernardini, M. 87647
Giaever, I. *see* Keese, C.R. 67588
Giakos, G.C., Ishii, T.K., Wang, H.H., Whitaker, J.F., Son, J.H., Mourou, G.A. Comments on "Picosecond pulse propagation an coplanar striplines fabricated on lossy semiconductor substrates: modeling and experiments"[and reply] 83777
Giakoumakis, G. *see* Dimitriadis, C.A. 56009
Giakoumakis, G.E. *see* Euthymiou, P.C. 62871
Giallorenzi, T.R., Wilson, S.G. Decision feedback multiuser receivers for asynchronous CDMA systems 85271
Giambene, G. *see* Del Re, E. 86184
Giambiasi, N. *see* Vandeventer, L. 49233
Giammarchi, M.G. The counting test facility of the Borexino experiment at LNGS 59166
Giammarco, N. *see* Jones, H. 60825
Giammaria, F. *see* D'Orazio, F. 63190
Giammartini, S. *see* Annunziato, M. 57804

Gianatti, S., Pattavina, A. Performance analysis of ATM banyan networks with shared queueing. I. Random offered traffic 96175
Gianatti, S. *see* Pattavina, A. 96140
Gianatti, S. *see* Pattavina, A. 96176
Giancarlo, C. ATM switching for LANs 52273
Giancaspro, A. *see* Fiorini, P. 74895
Gianchandani, Y.B., Najafi, K., Orr, B.G. Silicon micromachined thermal profilers 97924
Gianelli, G. *see* Grassi, S. 78479
Gianello, G. *see* Galtarossa, A. 94076
Gianfranceschi, L., Mariconda, A., Scorrano, G., Bagnasco, E., Gagliardi, F. SDH in the access network: SIP's approach to network and management issues 85507
Giani, E., Mathurin, J.P. Quality issues in chip-on-board (COB) technology 55473
Gianini, G. *see* Arena, V. 53299
Gianino, P. *see* Khoury, J. 51577
Gianino, P.D. *see* Khoury, J. 51711
Giannacopoulos, D., McFee, S. Towards optimal h-p adaptation near singularities in finite element electromagnetics 83441
Giannakis, G. *see* Swami, A. 57552
Giannakis, G.B., Guotong Zhou Parameter estimation of cyclostationary AM time series with application to missing observations 84362
Giannakis, G.B., Shamsunder, S. Information theoretic criteria for non-Gaussian ARMA order determination and parameter estimation 84424
Giannakis, G.B. *see* Dandawate, A.V. 84357
Giannakis, G.B. *see* Dandawate, A.V. 95544
Giannakis, G.B. *see* Guotong Zhou 95548
Giannakis, G.B. *see* Sadler, B.M. 84426
Giannakis, G.B. *see* Sadler, B.M. 95386
Giannakis, G.B. *see* Shamsunder, S. 64433
Giannakis, G.B. *see* Shamsunder, S. 77561
Giannakis, G.B. *see* Shamsunder, S. 95400
Giannakis, G.B. *see* Shamsunder, S. 95545
Giannakis, G.B. *see* Tsatsanis, M.K. 86166
Giannattasio, B.F. *see* Gale, P.F. 53846
Giannessi, L. *see* Dattoli, G. 72929
Giannessi, L. *see* Dattoli, G. 72932
Giannessi, L. *see* Dattoli, G. 83183
Giannetti, F. *see* De Gaudenzi, R. 66023
Giannetti, F. *see* Elia, C. 86656
Giannini, F., Bartolucci, G., Ciorciolini, S., Limiti, E. New model of microstrip non-symmetrical double step discontinuities 80758
Giannini, F., Leuzzi, G., Limiti, E., Scucchia, L. Class-AB power amplifier design guidelines 80158
Giannini, F., Leuzzi, G., Limiti, E., Scucchia, L. Design-oriented iterative harmonic analysis of solid-state power amplifiers 92541
Giannini, F., M'Baye, A., Pettenpaul, E. European MMIC commercial applications 80872
Giannini, F., Paoloni, C., Orengo, G. MMIC bandwidth-gain control optical preamplifier 80873
Giannini, F. *see* Bartolucci, G. 70857
Giannini, M. *see* Abrami, A. 98715
Giannini, M. *see* Fabris, R. 67199
Gianoli, A. *see* Fanti, V. 76788
Gianotti, F. *see* Gingrich, D. 53291
Giapis, K.P. *see* Skromme, B.J. 69996
Giaquinto, N. *see* Attivissimo, F. 97837
Giard, M. *see* Meny, C. 75969
Giardina, C.R., Suk-Won Yee Correlation for image recognition using pointed sets 95670
Giardini, W., Ha, J. Measurement, characterization and volume determination of approximately spherical objects 87538
Giardini, W. *see* Fujii, K. 86983
Giardini-Guidoni, A. *see* Teghil, R. 48920
Giarola, A.J. *see* de Albuquerque, M.R.M.L. 83740
Giarola, A.J. *see* de Faria Rosa, M.A. 64187
Giarola, A.J. *see* Souza Sobrinho, C.L.S. 80570
Giarola, A.J. *see* Souza Sobrinho, C.L.S. 80571
Giavelli, A. *see* Bortot, R. 52518
Giavonnoni, P. *see* Orrell, D. 87680
Gibard, P. *see* Wagner, D. 90591
Gibart, P. *see* Holt, D.B. 81965
Gibart, P. *see* Zahraman, K. 100553
Gibart, P. *see* Zahraman, K. 100681
Gibassier, C., Abiven, J., Audrain, E. Frame and bit synchronization in a multispeed multiservice optical distribution system 52535
Gibassier, C., Abiven, J., Ramus, C., Huet, F., Saulnier, J. Simultaneous two-way light intensity modulation optical transmission at the same bit rate without a light source in the subscriber terminal 75396
Gibb, I.G. *see* Allen, P.C. 76133
Gibb, W.J., Auslander, D.M., Griffin, J.C. Adaptive classification of myocardial electrogram waveforms 77025
Gibbard, H.F. *see* Magnuson, D.C. 90368
Gibbings, C.J. *see* Murrell, D.L. 63820
Gibbon, J.F. *see* Little, T.D.C. 66026
Gibbon, M.A. *see* Czajkowski, I.K. 56437
Gibbon, M.A. *see* Fells, J.A.J. 75400
Gibbon, M.A. *see* Thrush, E.J. 54901
Gibbon, R.R. *see* Ferguson, J.M. 59899
Gibbons, C.S. *see* Vecht, A. 63562
Gibbons, G., Wober, J., Kozuh, T. Hungary opts for gas turbine based CHP 68457
Gibbons, G.R. EMF—a health hazard?—the debate continues 88569
Gibbons, H.M. *see* Pizzi, S.V. 58340
Gibbons, J.F. *see* Angell, M.J. 61370
Gibbons, J.F. *see* Emerson, R.M. 70047
Gibbons, J.F. *see* Welser, J. 62741
Gibbons, J.F. *see* Welser, J. 62855
Gibbons, J.F. *see* Welser, J. 93419
Gibbons, W. Designing for radiated emission/immunity performance 51127
Gibbons, W. When to comply—an unanswered question? [EMC] 57145
Gibbs, A. Service provision & management in today's network 65467
Gibbs, D. Information and communication technologies in Poland 65119
Gibbs, G.P. *see* Clark, R.L. 95509
Gibbs, M. Making the most of magnetic movements 50179
Gibbs, M.R.J. *see* Squire, P.T. 50238
Gibbs, P. *see* Blackband, S.J. 76904
Gibbs, R. Single-site soldering 81008
Gibbs, S., Breiteneder, C., de Mey, V., Papathomas, M. Video widgets and video actors 97700
Gibby, M.G., Fahs, J.H., Stine, M.B. Validation of the underwater synchronous scanner imaging model 97438
Giber, J., Perczel, I.V., Gerblinger, J., Lampe, U., Fleischer, M. Coadsorption and cross sensitivity on high temperature semiconducting metal oxides: water effect on the coadsorption process 58890
Giber, J. *see* Gerblinger, J. 66551
Giber, J. *see* Reti, F. 58874
Giber, J. *see* Reti, F. 66558
Giber, J. *see* Varhegyi, E.B. 66557
Gibert, Ph. *see* Ghis, A. 66351
Gibis, A.R. *see* Hase, A. 81506
Giblin, P.J., Pollick, F.E., Rycroft, J.E. Recovery of an unknown axis of rotation from the profiles of a rotating surface 74227
Gibo, N. *see* Senjyu, T. 59795
Gibo, N. *see* Senjyu, T. 68097
Gibrekhterman, A. *see* Breskin, A. 87993
Gibson, A.A.P. Stationary power method of circuit analysis 70259
Gibson, A.A.P., Dillon, B.M. Variational solution of lumped element and distributed electrical circuits 91854
Gibson, A.A.P., Dillon, B.M., Sheikh, S.I. Applied field/frequency response of planar gyromagnetic discs 72187
Gibson, A.A.P. *see* Dillon, B.M. 49628
Gibson, A.A.P. *see* Dillon, B.M. 51182
Gibson, A.A.P. *see* Tsitsos, S. 73425
Gibson, A.J., Arnett, L. Measurements and statistical modelling of spectrum occupancy 94832
Gibson, A.J., Yilmaz, U.M., Tulunay, Y., Erol, C.B., Ozguc, A., Atac, T. Characteristics of fading of HF signal and noise intensities on three paths between the UK and Turkey 86654
Gibson, A.J. *see* Hagn, G.H. 83659
Gibson, A.P. Circuit analogy to introduce variational methods [in education] 54359
Gibson, C. *see* Zhu, Z. 58896
Gibson, D. *see* Potter, N. 90979
Gibson, D.M. *see* Xiao, Q.F. 88297
Gibson, D.R., Waddell, E.M., Wilson, S.A.D., Lewis, K.L. Ultradurable phosphide-based antireflection coatings for sand and rain erosion protection 50663
Gibson, D.V., Kehoe, C.A., Lee, S.-Y.K. Collaborative research as a function of proximity, industry, and company: a case study of an R&D consortium 69477
Gibson, G., Carbonara, J., Arcaro, J., Garvey, J. Enhancing detection of theft of service using artificial neural network technology 68146
Gibson, G., Kita, H., Nishiya, K., Hasegawa, J. The application of fuzzy theory to thermal generating unit maintenance scheduling in power systems 68431
Gibson, G., Kita, H., Nishiya, K., Hasegawa, J. Thermal power station maintenance scheduling based on fuzzy theory 78363
Gibson, G.A. *see* Lange, D.A. 61255
Gibson, I.H. Variable-speed drives as flow control elements 78876
Gibson, J.A. *see* Cain, J.P. 88934
Gibson, J.D., Stanners, S.P., McClellan, S.A. Spectral entropy and coefficient rate for speech coding 95314
Gibson, J.D. *see* Hong Chae Woo 64362
Gibson, J.D. *see* Lee, I. 84101
Gibson, J.D. *see* Nam, S.H. 65485
Gibson, J.D. *see* Nam, S.H. 84064
Gibson, J.E. *see* Pearson, C. 62867
Gibson, J.M. *see* Ross, F.M. 49914
Gibson, M.J. *see* Mousa-Bahia, A.A. 66568
Gibson, N. Earthing systems providing protection against static electricity 51017
Gibson, R.G. Dimming of metal halide lamps 90631
Gibson, S.R. *see* Morrow, D.J. 60181
Gibson, V. *see* Allport, P.P. 76752
Gibson, V. *see* Allport, P.P. 88021
Gibson, W.A. *see* Hunter, S.R. 53340
Gibson, W.G.R., Cobbold, R.S.C., Johnston, K.W. Principles and design feasibility of a Doppler ultrasound intravascular volumetric flowmeter 88387
Gibson, W.M. *see* Ullrich, J.B. 88298
Gicala, G. *see* Bruno, G. 55777
Gicquel, A., Hassouni, K., Farhat, S., Breton, Y., Scott, C.D., Lefebvre, M., Pealat, M. Spectroscopic analysis and chemical kinetics modeling of a diamond deposition plasma reactor 70117
Gicquel, A. *see* Vivensang, C. 71344
Giddens, J.M., Jr. *see* Meyer, C.E. 99894
Gidley, D. *see* Brown, B.L. 87935
Gidley, D.W., Frieze, W.E., Dull, T.L., DeMaggio, G.B., Yu, E.Y., Griffin, H.C., Skalsey, M., Vallery, R.S., Wissman, B.D. An overview of the Michigan positron microscope program 81162
Gidney, E., Chandler, A., McFarlane, G. CSCW for film and TV preproduction 75713
Giebel, M. Making the perfect connection [hybrid fiber-coax CATV network nodes] 75747
Giedl, R. *see* Dyer, P.E. 56368
Giedl, R. *see* Dyer, P.E. 72300
Giegler, D., Asamoto, B. Digital radiation monitoring for the Temelin VVER-1000s 53878
Giehmann, L. *see* Gieschen, N. 52485
Gielen, C. *see* Wambacq, P. 70233
Gielen, G., Zhihua Wang, Sansen, W. Fault detection and input stimulus determination for the testing of analog integrated circuits based on power-supply current monitoring 92430
Gielen, G. *see* Donnay, S. 49571
Gielisse, P.J. *see* Niculescu, H. 82334
Gielisse, P.J. *see* Saenz, A. 52811
Gielkens, S.W.A. *see* Ustinovskii, N.N. 81131
Gierak, J. *see* Vieu, C. 81740
Gieraltowski, J. *see* Fessant, A. 66655
Gieraltowski, J. *see* Queffelec, P. 76180
Gieras, J.F. *see* Wing, M. 90018
Gierkink, S.L.J. *see* Botma, J.H. 70310
Gierman, S.M. *see* Nguyen, D.C. 83193
Gierman, S.M. *see* Sheffield, R.L. 76385
Giesbrecht, J. *see* McLaren, P.G. 78226
Gieschen, N., Dzenus, D., Giehmann, L., Gladisch, A., Olivier, L., Staudemeyer, B., Tetzlaff, F., Rocks, M. An experimental CMC-LAN with centralized frequency control of locally independent subscriber lasers 52485
Gieschen, N. *see* Olivier, L. 82760
Gieschen, N. *see* Zaganiaris, A. 52544
Giese, K. Aspects of user-dynamic quality management 69621
Giese, K. The effects of cellulose insulation quality on electrical intrinsic strength 93756
Gieseke, B. *see* Mistry, L.R. 63015
Giesen, A., Hugel, H., Voss, A., Wittig, K., Brauch, T., Opower, H. Scalable concept for diode-pumped high-power solid-state lasers 56668
Gieser, H. *see* Russ, C. 81856
Gieser, H. *see* Verhaege, K. 82011
Gieser, H.A., Egger, P., Reiner, J.C., Herrmann, M.R. A CDM-only reproducible field degradation and its reliability aspect 79483
Giesler, J., O'Malley, G., Williams, M., Machuga, S. Flip chip on board connection technology: process characterization and reliability 80991
Giesler, J. *see* O'Malley, G. 80990
Giesler, J. *see* Raleigh, C. 81028
Giesler, T., Meyer, J.-U. Electrostatically excited and capacitively detected flexural plate waves on thin silicon nitride membranes with chemical sensor applications 58698
Giesselmann, M. Advanced modeling of adjustable speed AC-motor drives using PSpice 90496
Giessen, H., Becker, U., Langbein, W., Bogdanov, S., Kalt, H., Grun, M., Klingshirn, C. Wurtzite-type CdS and CdSe epitaxial layers II. Nonlinear optical properties 73014
Giessen, H. *see* Grun, M. 69947
Giessibl, F.J., Trafas, B.M. Piezoresistive cantilevers utilized for scanning tunneling and scanning force microscope in ultrahigh vacuum 62132
Giffard, B. *see* Faynot, O. 62748
Giffard, B. *see* Musseau, O. 70478
Gifford, A., Bartholomew, T., Stein, S. Initial evaluation of the "bottoms up" time recovery technique 86920
Gifford, A.D. *see* Hale, P.D. 72607
Gifford, A.F., Good, S.E. The role of QA and QC in the life extension of structures 79442
Gifford, E. *see* Abousleman, G.P. 84754
Gifford, K.D. *see* Auciello, O. 56166
Gifford, K.D. *see* Bellur, K.R. 56135
Giftge, C. *see* Lang, M. 61293
Giftge, C. *see* Schikora, D. 61282
Giganti, P.L. *see* Bagnasco, E. 74840
Giganti, P.L. *see* Bagnasco, E. 85505
Giganti, P.L. *see* Dahle, E. 96512
Giget, M. Economics of satellite communications in the context of intermodal competition 86271
Gigli Berzolari, A. *see* Benetti, P. 67328
Gigli Berzolari, A. *see* Cennini, P. 67285
Gigli Berzolari, A. *see* Cennini, P. 76755
Giglio, D.A. Overview of foliage/ground penetration and interferometric SAR experiments 77786
Giglio, L. *see* Kummerow, C. 53537
Giglio, L. *see* Kummerow, C. 53538
Giglmayr, J. Architectural framework for optical frequency division multiplexing systems based on regular space-frequency interconnections 75164

Giglmayr, J. Locality and decomposition of regular optical interconnection patterns 82774
Gignoux, D. *see* Tomey, E. 72021
Giguere, C., Woodland, P.C. A wave digital filter model of the entire auditory periphery 84128
Giguet, E. *see* Menninger, W.L. 71042
Gihyun Jung *see* Jung Gihyun
Gijsbertsen, J.G. *see* Golubov, A.A. 67361
Gijsbertsen, J.G. *see* le Grand, J.B. 67410
Gijung Ahn *see* Kyeongho Lee 75134
Gijung Ahn *see* Wonchan Kim 80317
Gil, J.J. *see* Carracedo, J. 96781
Gil Lee Jong *see* Jong Gil Lee
Gil Yong Chung *see* Jung Woo Park 62225
Gil-Lafon, E. *see* Parillaud, O. 54923
Gilabert, A., Schuller, I.K., Moshchalkov, V.V., Bruynseraede, Y. New Josephson-like effect in a superconducting transformer 56271
Gilabert, A. *see* Aboudihab, I. 63551
Gilabert, A. *see* Aboudihab, I. 66348
Gilabert, M.A. *see* Conese, C. 53530
Gilad, S. *see* Mandeville, J.B. 76855
Gilardi, C., Carosi, M., Lavoro, E. Land mobile satellite systems and terrestrial private networks: an integrated approach 52354
Gilardi, C., Lavoro, E., Carosi, M. Terrestrial private networks and satellite systems: An integrated approach 97212
Gilbert, A.L. *see* Lertphokanont, R. 85413
Gilbert, B. *see* Pan, G. 54519
Gilbert, B.G. *see* Spicer, M.R. 51966
Gilbert, B.K. *see* Gaofeng Wang 83738
Gilbert, B.K. *see* Techentin, R.W. 79342
Gilbert, B.M. *see* Bernard, G. 93982
Gilbert, D. Cable derating and nonlinear load panelboards 59919
Gilbert, D. *see* Lau, J. 92792
Gilbert, G., Braunstein, M., Ralston, J. Characterizing and correcting media-induced focus errors in synthetic aperture radar imagery 75563
Gilbert, G., Raiten, E., Visser, M. Lateral wave contribution to the low-altitude radar propagation factor 65870
Gilbert, I.H. *see* Brewer, J.E. 49459
Gilbert, I.H. *see* Brewer, J.E. 80347
Gilbert, J. *see* Allen, D. 85492
Gilbert, J. *see* Ennis, J. 80919
Gilbert, J. *see* Xuejun Cai 66269
Gilbert, J.A. *see* Johnson-Cole, H. 56406
Gilbert, K. *see* Gee, S. 91929
Gilbert, L. Future power: standard or custom? 54080
Gilbert, M. *see* Kermarrec, C. 81843
Gilbert, M. *see* Kermarrec, C. 92616
Gilbert, M.M. *see* Harame, D.L. 61658
Gilbert, N. *see* McGlashan, S. 51423
Gilbert, P.V., Crabtree, P.E., Shih Wei Sun Latch-up performance of a sub-0.5 micron inter-well deep trench technology 93628
Gilbert, P.V., Neudeck, G.W., Bashir, R., Siekkinen, J., Denton, J. A fully integrable insulated gate bipolar transistor with a trench gate structure 55997
Gilbert, P.V. *see* Tsui, P.G.Y. 63034
Gilbert, R.A. *see* Real, E.C. 74054
Gilbert, S. Manual fine pitch tinning 81079
Gilbert, S.L. *see* Patrick, H. 94083
Gilbert, S.M. *see* Bitran, G.R. 69547
Gilboa, P. Accuracy evaluation of HMD electromagnetic tracker 66630
Gilboa, P., Abraham, S. Third-generation DASH helmet 99091
Gilbreath, G.C., Clement, A.E., Reintjes, J., McKnight, R., Jr. Photorefractive image amplification at extremely low light levels 56869
Gilbreth, J. *see* Subbanna, S. 92190
Gilby, J. Electrochemical sensors: a modern success story for an old idea 58894
Gilchrist, B. *see* Aguero, V. 88632
Gildemeister, O. *see* Ariztizabal, F. 98518
Gildemeister, O. *see* Gingrich, D. 53291
Gildenblat, G. *see* Jang, J.G. 71787
Gildenblat, G.Sh. *see* Cohen, S.S. 80909
Giles, A. *see* Anderson, B.E. 88246
Giles, A.J. *see* Tobar, M.E. 55379
Giles, C., Malgrange, C., Goulon, J., de Bergevin, F., Vettier, C., Fontaine, A., Dartyge, E., Pizzini, S. Energy and polarization-tunable X-ray quarter-wave plates for energy dispersive absorption spectrometer 98716
Giles, C.R. Suppression of polarisation holeburning-induced gain anisotropy in reflective EDFAs 63711
Giles, C.R., Erdogan, T., Mizrahi, V. Reflection-induced changes in the optical spectra of 980-nm QW lasers 83091
Giles, C.R., Erdogan, T., Mizrahi, V. Simultaneous wavelength-stabilization of 980-nm pump lasers 83092
Giles, F.P., Schwartz, R.J., Gray, J.L. Interpretation of microwave-detected photoconductance decay lifetime measurements 98280
Giles, K., Walding Moore, W., Jr., Prestwood, W.T. Ground-based algorithms for processing midcourse space experiment SPIRIT III infrared radiometer data 74234
Giles, L.F., Nejim, A., Marsh, C.D., Hemment, P.L.F., Booker, G.R. Formation of oxidation induced stacking sacrificial thinning of SIMOX materials 93238
Giles, M.D. *see* Elta, M. 62443
Giles, M.D. *see* Elta, M.E. 62432
Giles, M.D. *see* Rafferty, C.S. 93397
Giles, M.K. *see* Carhart, G.W. 51676
Giles, M.K. *see* Draayer, B.F. 57663
Giles, N.C. *see* Fang, T.D. 92959
Giles, S. *see* Ganapathi, L. 66349
Giles, T.C. A high-speed modem with built-in HF noise tolerance 96893
Giles, T.C. *see* Cook, S.C. 96894
Gilewicz, J. *see* Beckermann, B. 54745
Gilg, A. Toward software for open, distributed and scalable systems 52122
Gilg, L. *see* Potter, N. 90979
Gilgen, H.H. *see* Fonjallaz, P.Y. 50498
Gilgen, H.H. *see* Limberger, H.G. 63398
Gilgen, H.H. *see* Passy, R. 98326
Gilgenbach, R.M., Walter, M.T., Menge, P.R., Spencer, T.A. Tapered tube, microsecond electron beam gyrotron backward-wave-oscillators 76640
Gilgenbach, R.M. *see* Derbenev, Ya.S. 59015
Gilgenbach, R.M. *see* Lau, Y.Y. 87701
Gilgenbach, R.M. *see* Menge, P.R. 87700
Gilhousen, K.S. *see* Viterbi, A.J. 97051
Gili, L., Hadnagy, M. Development of engineering seismic equipment 59541
Giling, L.J. *see* Anders, M.J. 81452
Giling, L.J. *see* Driessen, F.A.J.M. 71174
Giling, L.J. *see* Hageman, P.R. 79849
Giling, L.J. *see* Olsthoorn, S.M. 91448
Giling, L.J. *see* van Geelen, A. 91602
Gilitsky, Yu. *see* Fedyakin, N. 67390
Gilkey, J.Y., Galijan, R.C., Palomino, A. The Army GPS Truth Data Acquisition, Recording, and Display System (TDARDS) at the White Sands Missile Range (WSMR) 67956
Gill, A. Analyzer installation and maintenance 58870
Gill, A. Beyond the horizon taking the long-term view in managing investment projects for advancing technology 69487
Gill, A.N., Mehta, G.P. A class of subset selection procedures for Weibull populations 61013
Gill, A.N. *see* Kumar, N. 61012
Gill, D. *see* Duncan, S.W. 80780
Gill, D.M. *see* Chi-Hung Huang 72403
Gill, D.M. *see* Tu, D.-W. 80779
Gill, D.S., Zhou, S., Sandhu, H.S. A case study of file system workload in a large-scale distributed environment 85656
Gill, E.W., Howell, R.K., Hickey, K., Walsh, J., Dawe, B.J. High frequency ground wave radar measurement of ocean surface parameters during the ERS-1 calibration-validation experiment 77540
Gill, G., Gill, G. A simple cleaning procedure for improvement of training site statistics 77267
Gill, G. *see* Gill, G. 77267
Gill, G.S., Chiang, H.F., Hall, J. Waveform synthesis for ultra wideband radar 75542
Gill, H.S. Transition links waveguide and microstrip lines 61869
Gill, M. Integrated chipsets for digital cellular systems 65598
Gill, M.C. *see* Cook, S.C. 96894
Gill, R.E., Malliaras, G.G., Wildeman, J., Hadziioannou, G. Tuning of photo- and electroluminescence in alkylated polythiophenes with well-defined regioregularity 50671
Gill, R.W. *see* Loupas, T. 76901
Gill, S. *see* Milanese, R. 84686
Gill Choi Joong *see* Joong Gill Choi
Gillard, A., Fehr, R. Aramis: Ascom Tech's ATM switch solution 85987
Gillard, R., Citerne, J. A general treatment of matched terminations using integral equations 80653
Gille, P., Hollatz, M., Kleessen, H., Schenk, M. Axially linear slopes of composition for 'delta' crystals 48899
Gillen, G., Wight, S., Bennett, J., Tarlov, M.J. Patterning of self-assembled alkanethiol monolayers on silver by microfocus ion and electron beam bombardment 71542
Gillen, T. *see* Petersen, J. 51805
Gillenwaters, G. *see* Andres, J.M. 96956
Gilleo, K. Evaluating polymer solders for lead-free assembly. I 60948
Gilleo, K. Evaluating polymer solders for lead-free assembly. II 60975
Gilleo, K. Adhesives/epoxies & dispensing 81003
Gilleo, K. *see* Bolger, J.C. 48682
Gillerman, J., Nave, R., Tran, T. Software design for distribution automation 89234
Gilleron, M. *see* Rose, B. 56813
Gilleskie, R.J. Illustrating the power quality aspect of demand side management with compact fluorescent lamps 69204
Gillespie, A. The configuration management of access networks with V5 interfaces 52033
Gillespie, E.S., Hess, D.W., Stubenrauch, C.F. Antenna measurements: a comparison of far-field, compact range and near-field techniques 83825
Gillespie, W.A. *see* Wang, Z.Q. 82795
Gillet, M.P. *see* Bachelier, P. 88714
Gillett, J.B. Principles of high performance system packaging 90978
Gillett, J.B. *see* Deutsch, A. 92657
Gillett, R. An average power criterion for sample size estimation 79564
Gillette, D. Ramps to the information superhighway 75046
Gilli, M. *see* Civalleri, P.P. 49608
Gilli, M. *see* Ghione, G. 73264
Gilli, M. *see* Ghione, G. 83613
Gilli, P.G., Gasteiger, G. Gas and oil-fired combined cycle plants: the power station concept with international maximum growth rates 78469
Gillian, W.F. *see* Chen, Z.W. 68945
Gillibert, A. *see* Auger, G. 98385
Gillick, L., Baker, J., Baker, J., Bridle, J., Hunt, M., Ito, Y., Lowe, S., Orloff, J., Peskin, B., Roth, R., Scattone, F. Application of large vocabulary continuous speech recognition to topic and speaker identification using telephone speech 84071
Gillick, L. *see* Roth, R. 84111
Gillick, M., Robertson, I.D., Aghvami, A.H. Uniplanar techniques for monolithic microwave integrated circuits 80731
Gillick, M., Robertson, I.D., Joshi, J.S. Coplanar waveguide two-stage balanced MMIC amplifier using impedance-transforming lumped-distributed branchline couplers 70925
Gillick, M. *see* Khemka, V. 83776
Gillieaux, O. Simulation of switch-mode power converter 90134
Gillier, R., Montuclard, J., Lefrancois, M., Rouaud, C. What joining method for the new generation of accelerators (SSC and LHC) 87654
Gillies, A.M. *see* Ganzberger, M.J. 95647
Gillies, D., Doty, J., Rothermel, A., Schweer, R. Combined TV format control and sampling rate conversion IC 80501
Gillies, D.C., Lehoczky, S.L., Szofran, F.R., Larson, D.J., Ching-Hua Su, Yi-Gao Sha, Alexander, H.A. Bulk growth of II-VI crystals in the microgravity environment of USML-1 61221
Gillies, J. *see* Schadt, D. 97356
Gilligan, B.J. *see* Shults, M.C. 88471
Gillispie, S.B. *see* Harrison, R.L. 98838
Gillitzer, A. *see* Friese, J. 87970
Gillman, A. *see* Brawn, I. 98678
Gillman, A. *see* Eisenhandler, E. 59183
Gillman, A.R. *see* Brawn, I.P. 98657
Gillner, L. *see* Berglind, E. 63797
Gillner, L. *see* Schatz, R. 94508
Gilloire, A. Performance evaluation of acoustic echo control: required values and measurement procedures 95459
Gilloire, A. *see* Martin, E. 92272
Gilloire, A. *see* Petillon, T. 52359
Gillot, C., Michenaud, J.-P. PTC effect in doped $BaTiO_3$ ceramics: evidence for a bulk contribution 93747
Gillpatrick, T.R., Harmon, R.R., Tseng, L.P.D. The effect of a nominal monetary gift and different contacting approaches on mail survey response among engineers 69522
Gilman, J.M.A., O'Neill, A.G. Modelling of resonant interband tunnelling structures as back-back inter-dimensional Esaki diodes 81789
Gilman, R. *see* Tesarek, R.J. 98504
Gilmer, G.H., Roland, C. Simulations of crystal growth: effects of atomic beam energy 70042
Gilmer, G.H. *see* Karunasiri, R.P.U. 81458
Gilmore, D.K. *see* Stover, R.J. 66477
Gilmore, D.M. Satellite broadcast: opportunities in the digital era 97197
Gilmore, R. *see* Morgado, C.J.S. 88239
Gilmore, R. *see* Morgado, C.J.S. 98581
Gilmore, R.S., Glaeser, A.M., Wade, J.C. Calibrating ultrasonic images for the NDE of structural materials 79999
Gilmore, R.T. *see* Olson, L.D. 89712
Gilmore, T.P. *see* Braun, D.H. 90530
Gilmour, A.S., Jr. *see* Bekker, T.L. 62064
Gilo, M. Design of a far-infrared and visible separation filter 94240
Giloi, H.-G. *see* Hessenmuller, H. 86797
Giloi, H.-G. *see* Hessenmuller, H. 97634
Gilpatrick, J.D., Johnson, K.F., Connolly, R.C., Power, J.F., Rose, C.R., Sander, O.R., Shafer, R.E., Sandoval, D.P., Yuan, V.W. Experience with the Ground Test Accelerator beam-measurement instrumentation 98456
Gilpatrick, J.D., Power, J.F., Meyer, R.E., Rose, C.R. Design and operation of button-probe, beam-position measurements 76497
Gilpatrick, J.D. *see* Barlow, D.B. 76606
Gilpatrick, J.D. *see* Barr, D.S. 76452
Gilpatrick, J.D. *see* Johnson, K.F. 76427
Gilpatrick, J.D. *see* Sandoval, D.P. 98467
Gilpatrick, J.D. *see* Wells, F.D. 76492
Gilquin, J. *see* Perini, D. 82426
Gils, H.J. *see* Engler, J. 67334
Gils, R.A.J.C.M.Van *see* Van Gils, R.A.J.C.M.
Gilsdorf, R.W., Palais, J.C. Single-mode fiber coupling efficiency with graded-index rod lenses 63377
Gilson, K.L. *see* Wirthlin, M.J. 70604
Gilster, G. High accuracy performance capabilities of the military standard ring laser gyro inertial navigation unit 67941
Giltinan, D.A. Multiloop DC circuits by source conversion and nodal analysis 60798

Gilyarov, R.A. Characteristic analysis for an integrated-circuit ADC based on Wilkinson's modified method for processing acoustic signals 70690
Gim, J.-H. *see* Lee, W.-J. 67981
Gim, Y. *see* Wellstood, F.C. 97906
Gimelfarb, G.L. Low-level computational mono and stereo vision: a Bayesian approach 85159
Gimel'farb, G.L., Zalesny, A.V. Markov random fields with short- and long-range interaction for modelling gray-scale textured images 95680
Gimenez, G., Inigo, J., Lagares, J., Navarro, L., Reig, F., Rodriguez, G. Ecology in global distributed systems 74927
Gimenez, G. *see* Bacelar, A. 95855
Gimenez, G. *see* Morente, J.A. 51109
Gimenez, I. *see* Claude, E. 50182
Gimenez, J.L., Calvet, J.-L. Application and analysis of spatio-temporal decompositions by non-serial dynamic programming 99509
Gimenez de Guzman, M.I. *see* Guzman, V.M. 61547
Gimenez de los Galanes, F.M. *see* Aguilera, S. 98987
Gimeno, B., Cruz, J.L., Navarro, E.A., Such, V. A polarizer rotator system for three-dimensional oblique incidence 73565
Gimeno, B. *see* Cruz, J.L. 73562
Gimignani, M., Musolino, A., Raugi, M. An equivalent electric network model for nonlinear 3-D magnetostatic field analysis 51026
Gimignani, M., Musolino, A., Raugi, M. Integral formulation for nonlinear magnetostatic and eddy currents analysis 83500
Gimignani, M., Musolino, A., Raugi, M., Tellini, A. Equivalent electric circuits approach for the modeling of non-linear electromagnetic fields 73201
Gimignani, M. *see* Bottauscio, O. 54140
Gimignani, M. *see* Cardelli, E. 83507
Gimlett, J. *see* Murdock, B. 52282
Gimpel, B., Herb, A.R., Jansen, H. Developing products efficiently with test methodics 69511
Gimzewski, J.K., Modesti, S., David, T., Schlittler, R.R. Scanning tunneling microscopy of ordered C_{60} and C_{70} layers on Au(111), Cu(111), Ag(110), and Au(110) surfaces 70101
Gimzewski, J.K. *see* Dumas, P. 71070
Gimzewski, J.K. *see* Dumas, P. 71071
Gin-Kai Liu *see* Kan-Sen Chou 49008
Gin-Kou Ma *see* Nen-Fu Huang 65332
Gin-Kou Ma *see* Nen-Fu Huang 65769
Ginderdeuren, J.Van *see* Van Ginderdeuren, J.
Gindi, G. *see* Rangarajan, A. 59336
Gindorf, T.E., Miles, R.F., Jr., Murphy, G.B. Space-hardware design for long life with high reliability 59438
Gindre, D., Maillotte, H., Monneret, J., Lantz, E., Froehly, C. Coherent picosecond parametric amplification through a Kerr-induced index grating in a single-mode fiber 94620
Gindre, M. *see* Benkhelifa, A.M. 99358
Gindre, M. *see* Benkhelifa, M.A. 88891
Ginesi, D., Annarummo, C. User tips for mass, volume flowmeters 58714
Ginesi, D., Annarummo, C. Application and installation guidelines for volumetric and mass flowmeters 66169
Ginesta, X., Kim, S.P. Vector quantization of contextual information for lossless image compression 57909
Ginetti, A., Nancy, T., Prevost, N., Mahmood, M. Using the ASIC Synthesizer in DSP designs 55283
Ginevskii, S.P., Kotov, O.I., Medvedev, A.V., Nikolaev, V.M. Determination of spatial temperature distributions by a fiber-optic tomographic sensor 58808
Ginevskii, S.P., Kotov, O.I., Medvedev, A.V., Nikolaev, V.M. Pseudoheterodyne reception of signals produced by differential phase modulation in a two-mode fiber lightguide 58814
Ginevskii, S.P., Kotov, O.I., Nikolaev, V.M. Fiberoptic transducers for tomography of vector fields 58815
Ginger, J.L. *see* Katz, H. 74857
Gingerich, M.E. *see* Griscom, D.L. 72306
Gingerich, M.E. *see* Griscom, D.L. 72315
Gingras, D. *see* Bergeron, A. 51644
Gingras, R.L. *see* Masarweh, S.K. 80740
Gingrich, D., Greenious, G., Kitching, P., Olsen, B., Pinfold, J., Rodning, N., Boos, E., Schaoutnikov, B.O., Aubert, B., Bazan, A., Beaugiraud, B., Colas, J., Leflour, T., Marie, M., Stipcevic, M., Wingerter-Seez, I., Zolnierowski, Y.P., Chemeissiani, M., Fernandez, E., Garrido, L., Martinez, M., Padilla, C., Gordon, H.A., Radeka, V., Rahm, D., Stephani, D., Chevalley, J.L., Fabjan, C.W., Gildemeister, O., Jenni, P., Nessi, M., Poggioli, L., Richtel, W., Vuillemin, V., Baze, J.M., Gosset, L., Lavocat, P., Lottin, J.P., Mansoulie, B., Meyer, J.P., Renardy, J.F., Schwindling, J., Teiger, J., Zaccone, H., Collot, J., de Saintignon, P., Dzahini, D., Laborie, G., Mahout, G., Merchez, E., Pouxe, J., Battistoni, G., Camin, D.V., Cavalli, D., Costa, G., Cozzi, L., Cravero, A., Ferrari, A., Gianotti, F., Mandelli, L., Manfredi, F., Mazzanti, M., Perini, L., Re, V., Sala, P., Speziali, V., Barreiro, F., Hervas, L., Labarga, L., Basa, S., Checktman, A., Clemens, J.C., Cousinou, M.C., Dargent, P., Etienne, F., Fouchez, D., Monnier, E., Nacash, R., Nagy, E., Olivetto, C., Sauvage, D., Tisserant, S., Azuelos, G., Beaudoin, G., Depommier, P., Florian, E.I., Leroy, C., Roy, J., Auge, E., Chase, R., Chollet, J.C., de la Taille, C., Fayard, L., Fournier, D., Hirosoho, A., Jean, P., Iconomidou-Fayard, L., Merkel, B., Noppe, J.M., Parrour, G., Petroff, P., Repellin, J.P., Schaffer, A., Seguin, N., Serin, L., Unal, G., Canton, D., Hansl-Kozanecka, G., Imbault, D., Lory, J., Zitoun, R., Owe Eek, L., Lund-Jensen, B., Soderqvist, J., Astbury, A., Gaidos, G., Keeler, R., Lefebvre, M., White, J. Performance of the liquid argon electromagnetic and hadronic accordion calorimeter for the LHC 53291
Gini, F., Luise, M. Asynchronous polarization diversity receivers for coherent optical communications: a performance review 65855
Gini, M. *see* Budenske, J. 99355
Giniecki, L. *see* Kamgar, A. 71820
Ginley, D.S., Barr, L., Ashby, C.I.H., Plut, T.A., Urea, D., Siegal, M.P., Martens, J.S., Johansson, M.E. Di- and tri-carboxylic-acid-based etches for processing high temperature superconducting thin films and related materials 82332
Ginley, D.S. *see* Hietala, V.M. 70814
Ginn, S. Role of regulators must change to meet changing industry needs [telecommunication industry] 51888
Ginneken, L.P.P.P.van *see* van Ginneken, L.P.P.P.
Ginoux, B. *see* Pierre, L. 68386
Ginsbach, G. Laser biostimulation in plastic surgery 53453
Ginsberg, D.M. *see* Wollman, D.A. 63299
Ginsburg, H. *see* Waks, A. 76927
Ginsburg, M., Kimbrough, S.O., Weber, B.W. Symbolic representation of securities trade settlement messages applying the principles of formal languages for business communication 51943
Ginzburg, A. *see* Weissman, J. 48952
Ginzburg, M.A. *see* Baru, A.Yu. 60291
Ginzburg, N.S., Novozhilova, Yu.V. Increased efficiency of a relativistic quasi-cutoff-frequency ubitron with a longitudinal focusing magnetic field 55513
Ginzburg, N.S., Novozhilova, Yu.V., Peskov, N.Yu. The theory of free electron lasers with axial guide magnetic field 56820
Ginzburg, N.S., Novozhilova, Yu.V., Sergeev, A.S. Superradiance of ensembles of classical electron-oscillators as a method for generation of ultrashort electromagnetic pulses 51035
Ginzburg, N.S., Peskov, N.Yu., Sergeev, A.S. Super-power free electron lasers with two-dimensional distributed feedback 56819
Ginzburg, N.S., Peskov, N.Yu., Sergeev, A.S. Ultrahigh-power free-electron lasers with two-dimensional distributed feedback 83204
Ginzburg, N.S., Sergeev, A.S. Use of two-dimensional distributed feedback in a free-electron laser with a coaxial cavity and a large-diameter tubular relativistic electron beam 94547
Ginzburg, V.M., Keratishvili, N.G., Korzhenevich, Ye.L., Sapritskiy, V.I. Method of testing the linearity of optoelectronic channels in terms of photon counting statistics 87175
Giokaris, N.D. *see* Demortier, L. 59090
Giolma, W. *see* Choi, D. 92428
Giomataris, Y. *see* Charpak, G. 76753
Giomataris, Y. *see* Chen, M. 67340
Giomataris, Y. *see* Chen, M. 67349
Gion, M. *see* Toyokura, M. 92281
Giordani, M. *see* Aste, T. 66561
Giordano, G., Letardi, T., Muzzi, F., Zheng, C.E. Magnetic pulse compressor for prepulse discharge in spiker-sustainer excitation technique for XeCl lasers 83223
Giordano, J.L., Esparza, D.A. A parallel-motion vibrating-sample harmonic magnetometer 52982
Giordano, N. *see* Arico, A.S. 68939
Giordano, N. *see* Arico, A.S. 68993
Giordano, N. *see* Recupero, V. 60431
Giordano, N. *see* Saiti, P. 60425
Giordano, V. *see* Audoin, C. 86838
Giordano, V. *see* Petit, P. 86861
Giorgetti, E. *see* Sottini, S. 56903
Giorgi, C. *see* Bortone, E. 88504
Giorgi, L., Carewska, M., Patriarca, M., Scaccia, S., Simonetti, E., Di Bartolomeo, A. Development and characterization of novel cathode materials for molten carbonate fuel cell 60433
Giorgi, M. *see* Martin, A. 67356
Giorgieri, C. *see* Bagnaia, P. 53349
Giorgio, P.D. *see* Makhlouf, M.A. 52642
Giovanangeli, J.P. *see* Sobieski, P. 77498
Giovangigli, V. *see* Ern, A. 54737
Giovannelli, J.-F., Demoment, G. A statistical study of a regularized method for long auto-regressive spectral estimation 84416
Giovanni, N.D.Di *see* Di Giovanni, N.D.
Giovannini, H.R., Huard, S.J., Lequime, M.R. Influence of chromatic dispersion on a dual-wavelength passive-homodyne detection method for fiber-coupled interferometers 58803
Giovannini, H.R. *see* Konan, D. 76055
Giovannoni, P. *see* Rifflet, J.M. 87792
Giovannoni, P. *see* Vedrine, P. 87794
Giovannozzi, M., Schmidt, F. General normal form procedure to correct tune-shift and non-linear chromaticity for large accelerators like the LHC 67042
Giovannozzi, M. *see* Bazzani, A. 66923
Giovannozzi, M. *see* Fischer, W. 66914
Giove, D. *see* Acerbi, E. 63871
Gipser, T., Kao, M.-S. MATRIX: A new network for multiwavelength all-optical transparent information exchange 86405
Giraldo, A. *see* Bacchetta, N. 88106
Giraldo, A. *see* Bacchetta, N. 93447
Girao, P.S. Characterization of noise generators: automated measuring system for the determination of the probability distribution and autocorrelation functions 98178
Girao, P.Silva *see* Silva Girao, P.
Girard, A., Bouley, H. Two-moment models for the performance evaluation of B-ISDN networks 96795
Girard, A., Briand, P., Gaudart, G., Klein, J.P., Bourg, F., Debernardi, J., Mathonnet, J.M., Melin, G., Su, Y. The Quadrumafios electron cyclotron resonance ion source: presentation and analysis of the results 67262
Girard, A., Gardouh, E.B. An optimization method for broadband ISDN networks 96785
Girard, A. *see* Melin, G. 53148
Girard, A. *see* Melin, G. 76747
Girard, B. *see* Mangeas, M. 89171
Girard, P., Nouet, P., Khalkhal, A., Roche, F.M. Evaluations of leakage currents and capacitances on elementary CMOS devices 56074
Girard, P. *see* Arnaud, F. 59257
Girard, P. *see* Cavallera, P. 55201
Girard, P. *see* Dumas, D. 49330
Girard, P. *see* Khalkhal, A. 62978
Girard, P. *see* Latry, O. 82568
Girard, Y. *see* Mangeas, M. 89171
Girardey, C.C. Advanced communication satellites worldwide: Satellites of opportunity for the ACTS mobile terminal 97203
Girardi, G., Ercole, D., Ullio, M., Melen, R., Albanese, A. An experimental architecture supporting multimedia applications on broadband networks 51950
Girardier, L. *see* Thouvenin, X. 97943
Girardin, F., Duan, G.-H., Chabran, C., Gallion, P., Blez, M., Allovon, M. Determination of nonlinear gain coefficient of semiconductor lasers from above threshold spontaneous emission measurement 83088
Giraud-Heraud, Y. *see* Coron, N. 59152
Giraudet, L. *see* Berthier, P. 56018
Giraudet, L. *see* Legros, E. 52515
Giraudet, M. *see* Droste, M. 79598
Giraudon, G. *see* Herlin, L.L. 98880
Giraudon, G. *see* Houzelle, S. 74312
Giraudon, J.C. *see* Morel, P. 70927
Girbert, K.-H., Orzeszko, S., Schegner, P. Digital protection for 16 2/3 Hz overhead line networks [railways] 78901
Girdinio, P., Repetto, M., Simkin, J. Finite element modelling of charged beams 83523
Girdinio, P. *see* Alotto, P. 82234
Girdinio, P. *see* Drago, G. 83495
Girdinio, P. *see* Fernandes, P. 73220
Girdwood, C. *see* Emmett, J. 97715
Gire, F. *see* Lesquey, E. 63319
Girgis, A.A. *see* Ghosh, A.K. 89252
Girgiuli, R., Dell'agnola, P., Salvati, A.M. Experience of application of a new ENEL customer service automation system 89214
Giri, A.K. *see* Gonzalez, J.M. 93878
Giri, J. *see* Roos, H.B. 89001
Giri, M.G. *see* Carla, M. 82102
Giribone, P., Schenone, M. A new approach to the design of systems for thermoelectric power-plant flue-gas desulfurization 53903
Giridhar, K., Chari, S., Shynk, J.J., Gooch, R.P. Joint demodulation of cochannel signals using MLSE and MAPSD algorithms 83917
Giridhar, K. *see* Iltis, R.A. 51294
Girija Vallabhan, C.P. *see* Gurumurugan, K. 91560
Girkar, M. *see* Narkiewicz, J.D. 85800
Girling, D. *see* Rawicz, A.H. 79500
Girod, C.V., Jr. PBS, satellites and digital video compression 97540
Girod, W.-D., Klapdor, W., Merz, J. Maintenance strategies suitable for application 89410
Girodet, A., Heimes, J. Experience in partial discharge detection in France 54132
Girodet, A. *see* Bessede, J.L. 100394
Girodet, A. *see* Thuries, E. 78748
Girolamo, B.Di *see* Di Girolamo, B.
Girolamo, R.Di *see* Di Girolamo, R.
Giron, J.-C. *see* Lampert, C.M. 63486
Giron-Sierra, J.M., Gomez-Pulido, J.A., Andres-Toro, B. X-Windows simulation of steam power plants based on physics principles 78420
Girons, R.S. *see* Raychaudhuri, D. 74414
Giroult-Matlakowski, G., Bousseta, H., Le Tron, B., Dautartre, D., Warren, P., Bouzid, M.J., Nouailhat, A., Ashburn, P., Chantre, A. Low temperature performance of self-aligned 'etched polysilicon' emitter pseudo-heterojunction bipolar transistors 62701
Giroult-Matlakowski, G., Charles, C., Durandet, A., Boswell, R.W., Armand, S., Persing, H.M.,

Perry, A.J., Lloyd, P.D., Hyde, S.R., Bogsanyi, D. Deposition of silicon dioxide films using the helicon diffusion reactor for integrated optics applications 91556
Giroux, F., Gounelle, C., Vialle, N., Mortini, P., Ghibaudo, G. Current and temperature distribution impact on electromigration failure location in SWEAT structure 62509
Giroux, P. *see* Sybille, G. 89065
Girshick, S.L. *see* Yu, B.W. 49002
Giry, L. *see* Besson, P. 49755
Gisbergen, J.A.M.van *see* van Gisbergen, J.A.M.
Gisbert, F. *see* Dutartre, D. 93026
Gish, H., Ng, K. A segmental speech model with applications to word spotting 84065
Gish, H., Schmidt, M. Text-independent speaker identification 95234
Gish, H. *see* Denenberg, L. 73863
Gish, H. *see* Eide, E. 84074
Gish, H. *see* Rohlicek, J.R. 84068
Gish, H. *see* Yu, G. 84052
Gish, W. *see* Ball, G.J. 78722
Gish, W.B., Feero, W.E., Rockefeller, G.D. Rotor heating effects from geomagnetic induced currents 68173
Gisin, N., Passy, R., Perny, B. Optical fiber characterization by simultaneous measurement of the transmitted and the refracted near field 82548
Gisin, N., Passy, R., Von der Weid, J.P. Definitions and measurements of polarization mode dispersion: interferometric versus fixed analyzer methods 72309
Gisin, N. *see* Inaudi, D. 87267
Gisin, N. *see* Passy, R. 82618
Gisin, N. *see* Passy, R. 87258
Gisin, N. *see* Passy, R. 98326
Gisin, N. *see* Reichel, V. 52490
Gislason, H.P. *see* Egilsson, T. 81501
Gislon, P. *see* Balsamo, E.P. 82475
Gisselfalt, M. *see* Hanke, U. 82370
Gisser, D.G. *see* Cook, R.D. 77023
Gisske, E.T. *see* Radwin, R.G. 76880
Gistau, G.M., Veaux, J. A 12/18 kW at 4.5 K helium refrigerator for CERN's LEP superconducting accelerating cavities 98391
Gitchell, C.T. *see* Henry, R.E. 89603
Gitelson, A. Reflectance models for quantifying chlorophyll in inland waters 67867
Gitin, M.M., Wise, F.W., Arjavalingam, G., Pastol, Y., Compton, R.C. Broad-band characterization of millimeter-wave log-periodic antennas by photoconductive sampling 51226
Gitlin, R.D. *see* Ayanoglu, E. 51326
Gitlin, R.D. *see* La Porta, T.F. 96780
Gitlin, R.D. *see* Winters, J.H. 58289
Gitlin, R.D. *see* Woodworth, C. 75101
Gitsu, D.V., Condrea, E.P., Nikolayeva, A.A. Low-temperature sensitive element of strain-gauge sensor based on Bi filamentary crystals 97969
Gittins, J.C. A planning procedure for new-product chemical research 60864
Gittleman, S. *see* Shahidi, G.G. 71790
Giubellino, P. The ALICE detector at LHC 53290
Giudice, D.Del *see* Del Giudice, D.
Giuffre, M. *see* Adapa, R. 77930
Giuglianotti, M., Doyle, J.J., Jr., Wisler, K. MIL-L-85762 as applied to liquid crystal displays 77162
Giuglianotti, M. *see* Wisler, K. 77163
Giulianelli, L.C., Buckman, A.B., Walser, R.M., Becker, M.F. Digital demodulation scheme for wide dynamic range measurements with a fiber optic interferometer 98064
Giuliani, A. *see* Alessandrello, A. 59111
Giuliani, A. *see* Alessandrello, A. 59163
Giuliani, A. *see* Alessandrello, A. 88147
Giuliani, G. *see* De Silvestri, S. 72966
Giuliomaria, C.Di *see* Di Giuliomaria, C.
Giunchi, M. *see* Damele, G. 85387
Giunta, P. *see* Ajmone Marsan, M. 85702
Giunti, S. *see* Magni, R. 88492
Giuntini, M.E. *see* Giuntini, R.E. 54588
Giuntini, R.E., Giuntini, M.E. Simulating a Weibull posterior using Bayes inference 54588
Giuri, C., Perrone, M.R., Flori, D., Piegari, A., Scaglione, S. Phase-unifying mirrors as output couplers of XeCl laser resonators 72962
Giusto, D. *see* Desoli, G. 64693
Giusto, D.D. *see* De Natale, F.G.B. 57782
Giusto, D.D. *see* De Natale, F.G.B. 84973
Giusto, D.D. *see* De Natale, F.G.B. 85036
Giusto, D.D. *see* Fioravanti, S. 51730
Giusto, D.D. *see* Fioravanti, S. 67773
Giusto, D.D. *see* Fioravanti, S. 73605
Giusto, P.P., Quaglione, G. Major alternatives for a global non-geostationary satellite mobile network 52353
Givargizov, E.I. *see* Liu, J. 62051
Givargizov, E.I. *see* Zhirnov, V.V. 61341
Givati, O. *see* Fourie, A.P.C. 64051
Given, T., Ray, P.S. Response of a two-dimensional dual-Doppler radar wind synthesis 99198
Givens, B.R. Object-oriented applications in a rapid prototyping environment 88642
Givens, B.R., Hoerig, T.R. A scalable architecture for the rapid prototyping of aircraft cockpits 59446
Givens, J. *see* Koburger, C. 70397
Givens, M.P. *see* Carroll, J.R. 79051
Givens, P.S. *see* Burnham, J.T. 89333
Givord, D. *see* Hermann, R. 72185
Givord, D. *see* Kou, X.C. 82237
Givord, D. *see* Tyrrell, G.C. 91585
Givri, J.R. Assessing the relationship between thermal infra-red and microwave emissivities and vegetation 77662
Giza, M.M., Bright, C.L., Patterson, M.S., Lawler, W.B. High-performance 2-D CCD imager module 76089
Gizon, A. *see* Beraud, R. 67398
Gjaerde, A.C. A phenomenological insulation ageing model for combined thermal and electrical stress 82112
Gjaja, I., Gluckstern, R.L. Longitudinal coupling impedance of a cavity 87628
Gjerde, T., Husoy, J.H. Novel subband coding techniques for compressing ECG signals 77021
Gjertsen, A.K. Testing TM and SPOT data as input to a canopy reflectance model for mapping density and size of trees in forest stands 77599
Gjessing, S. *see* Aboulenein, N.M. 58109
Glab, J. *see* Baur, R. 59182
Glaba, M., Walczuk, E. Dynamics of contact erosion in electromagnetic contactors 90268
Glabus, M.F., Blackwood, D.H.R., Ebmeier, K.P., Souza, V., Walker, M.T., Sharp, C.W., Dunan, J.T., Muir, W. Methodological considerations in measurement of the P300 component of the auditory oddball ERP in schizophrenia 53433
Gladding, G. *see* Baggs, R. 76791
Gladfelter, W.L. *see* Fictorie, C.P. 91617
Gladfelter, W.L. *see* Karpov, I. 91562
Gladh, T. *see* Nilsson, M. 65418
Gladisch, A. *see* Gieschen, N. 52485
Gladkikh, P. *see* Androsov, V. 76390
Gladkikh, P. *see* Bar'yakhtar, V. 67407
Gladkikh, P. *see* Efimov, S. 76546
Gladkikh, P.I., Zeliasky, A.Yu., Strelkov, M.A. The application package DeCA for calculating cyclic accelerators 66899
Gladkikh, P.I. *see* Bulyak, E.V. 76573
Gladkov, P., Varblianska, K., Russev, S. Applicability of Ta/GaAs Schottky photodiodes prepared by ion-assisted processes 87185
Gladney, L. Overview of current high energy physics experiments 53318
Gladun, A. *see* Reissner, M. 72209
Gladun, C., Heinrich, A., Schumann, J., Pitschke, W., Vinzelberg, H. Transport properties of nanodisperse Cr_xSi_{1-x} thin films 92982
Glaesemann, G.S., Helfinstine, J.D. Measuring the inert strength of large flaws in optical fiber 94104
Glaeser, A.M. *see* Gilmore, R.S. 79999
Glaeser, H., Hofer, E., Kloos, M., Skorek, T. Uncertainty and sensitivity analysis of a post-experiment calculation in thermal hydraulics 89486
Glagola, B. *see* Rehm, K.E. 76794
Glagola, B.G. *see* Wuosmaa, A.H. 67386
Glagolev, V.V. Relativistic nuclear physics in the 1m hydrogen bubble chamber of LHE JINR 76815
Glance, B., Kaminow, I.P., Wilson, R.W. Applications of the integrated waveguide grating router 72384
Glance, B., Karol, M. Large capacity multiaccess optical packet network 86330
Glance, B. *see* Karol, M.J. 52291
Glance, B. *see* Wiesenfeld, J.M. 58377
Glance, B. *see* Zirngibl, M. 52597
Glance, B. *see* Zirngibl, M. 86475
Gland, F.Le *see* Le Gland, F.
Glanner, G.J., Sitter, H., Faschinger, W., Herman, M.A. Evaluation of growth temperature, refractive index, and layer thickness of thin ZnTe, MnTe, and CdTe films by in situ visible laser interferometry 70043
Glantschnig, W.J. Green design: a review of issues and challenges 54459
Glantschnig, W.J., Danjou, L. Recycling telephone housings into wall mounts for the MERLIN LEGEND and PARTNER II communications systems 79246
Glantschnig, W.J. *see* Keoleian, G.A. 90948
Glao, S. *see* Yao, P. 90135
Glaros, N., Carayannis, G. Exact and first-order error analysis of the Schur and split Schur algorithms: theory and practice 74185
Glarum, S.H., Ramirez, A.P., Haddon, R.C. Absolute calibration of microwave loss in ESR spectrometers 50394
Glas, J.P.F., Skolnik, S.E. Fourier transform based DS/FH spread spectrum receiver 97598
Glas, P., Naumann, M., Schirrmacher, A., Schonnagel, H. Mode-locked picosecond pulse generation from a phase-coupled fibre array laser 63686
Glasbey, C. *see* Horgan, G. 74485
Glaser, E. *see* Thompson, P.E. 61247
Glaser, E.R. *see* Bennett, B.R. 71177
Glaser, J.S., Witulski, A.F. Output plane analysis of load-sharing in multiple-module converter systems 55125
Glaser, M. *see* Bates, S.J. 53308
Glaser, M. *see* Lemeilleur, F. 76757
Glaser, M.S. *see* Glasgow, B.B. 76071
Glaser, U., Vierhaus, H.T., Kley, M., Wiederhold, A. Test generation for bridging faults in CMOS ICs based on current monitoring versus signal propagation 92142
Glaser, U. *see* Wolber, R. 92039
Glaser, W. *see* Einfeld, D. 59217
Glaser, W. *see* Einfeld, D. 66834
Glasgow, B.B., Glaser, M.S., Whitley, R.H. Remote imaging in the ultraviolet using intensified and non-intensified CCDs 76071
Glashko, A.G. *see* Draganov, V.M. 51149
Glasmachers, A. *see* Bonk, J. 59181
Glasmachers, G. Transimpedance amplifiers-technology and application: the wide bandwidth makes them especially attractive for image processing 80155
Glasow, R. *see* Kampert, K.-H. 98503
Glass, G.W. *see* Shell, J.S. 58370
Glass, H.D. Techniques for measurement of dipole endfields with a rigid integrating coil 76686
Glass, H.D., Mazur, P.O., Sim, J.W. Measurements of Loma Linda proton therapy gantry dipoles 76685
Glass, H.D. *see* Harding, D.J. 76676
Glass, H.D. *see* Harfoush, F.A. 66945
Glass, J. *see* Ramacher, U. 49600
Glass, J.R. *see* Leung, H.C. 84121
Glass, J.T. *see* McClure, M.T. 48990
Glass, R.C. *see* Fox, B.A. 69927
Glasser, C.A., Odell, C.E., Seufert, S.E. The proportional counter array (PCA) instrument for the X-ray timing explorer satellite (XTE) 88319
Glasser, F. *see* Cuzin, M. 59241
Glasser, H. *see* Fuhr, G. 57065
Glasser, L.A. Electronics technology for low-power computing and wireless communication 97095
Glasserman, P., Shing-Gang Kou Overflow probabilities in Jackson networks 85275
Glassman, E. *see* Taylor, R.H. 67628
Glatfelter, T., Clough, R., Hammond, G. Energy rating factors for a-Si multijunction modules 100731
Glatfelter, T. *see* Banerjee, A. 100523
Glatfelter, T. *see* Guha, S. 90415
Glatfelter, T. *see* Guha, S. 100584
Glatfelter, T. *see* Hoffman, K. 100692
Glatkowski, P.J., Druy, M.A., Stevenson, W.A. Demonstration of remote fiber optic spectroscopy using mid-IR sensors for in situ monitoring of solid rocket propellant cure and aging 52918
Glatz, R. *see* Kohl, F. 58724
Glauert, T. *see* Wray, S. 58042
Glauner, M., Biester, M. Performance of co-channel dual polarized systems with modern antenna design. Influence of antenna-XPD and XPIC-improvement factor 86054
Glaunsinger, W. *see* Hartmann, T. 77985
Glavieux, A., Cochet, P.Y., Picart, A. Orthogonal frequency division multiplexing with BFSK modulation in frequency selective Rayleigh and Rician fading channels 57334
Glavieux, A. *see* Battail, G. 73683
Glavinas, E. *see* Indeck, R.S. 50372
Glavitsch, H. *see* Bao Yankang 99537
Glaze, D.J. *see* Drullinger, R.E. 86922
Glazer, A.N. *see* Mathies, R.A. 53384
Glazer, J. Microstructure and mechanical properties of Pb-free solder alloys for low-cost electronic assembly: a review 79303
Glazier, S. Software patents, ownership and infringement crimes: New developments 96332
Glaziou, Y. *see* Lemagnen, J. 85421
Glazkov, V.V., Sinkevich, O.A. Closed-cycle MHD generator with self-sustaining heat convection flows 78836
Glazman, L.I., Hekking, F.W.J., Matveev, K.A., Shekhter, R.I. Coulomb blockade of Andreev reflection 56259
Glazman, R.E., Greysukh, A. Satellite altimeter measurements of surface wind 67810
Glazman, R.E., Greysukh, A., Zlotnicki, V. Geophysical model functions for the sea state bias in satellite altimetry 67763
Glazman, R.E., Greysukh, A., Zlotnicki, V. Evaluating models of sea state bias in satellite altimetry 67872
Glazov, A., Novikov, D., Vasiliev, N. Internal H^- ion source for cyclotrons 53208
Glazov, A.A. *see* Baranov, V.A. 76849
Glazov, A.L., Muratikov, K.L. Local investigation of inhomogeneously ion-implanted and proton-irradiated semiconductors by photothermal microscopy 81460
Gleason, E.F. *see* Cohen, S.S. 55239
Gleason, J. *see* Lau, J. 92814
Gleason, S.S. *see* Hunt, M.A. 74538
Gleason, T.J. *see* Kuhn, M.J. 88428
Gleau, V.Le *see* Le Gleau, V.
Glebov, V.N., Manankov, V.M., Malyutin, A.M., Golovatyuk, N.N., Zastavny, Yu.V. Mirror thermoelectric detector of laser radiation 58794
Glebovsky, G., Markaryants, E.A., Titov, E.V. Deposition of Ti-W thin films by magnetron cosputtering 81576
Gleed, D.G., Lettington, A.H. High speed super-resolution techniques for passive millimetre-wave imaging systems 64664
Gleeson, D. *see* Adams, J.W. 92398
Gleeson, D. *see* Adams, J.W. 95609

Gleim, G., Bertolini, L., Heizmann, F. Combined smart power IC for VCR with PWM controlled motor voltage 86793
Glein, N. *see* Tellmann, N. 82230
Gleiser, R., Felsvang, K. Mercury emission reduction using activated carbon with spray dryer flue gas desulfurization 78424
Gleitsmann, G., Ammann, N., Hermans, J., Schneider, A., Geurts, J., Karduck, P., Heuken, M. Comparison between gallium-implanted layers of ZnSe and ZnS_xSe_{1-x} by optical, electrical and electron beam characterization methods 71281
Gleitsmann, G. *see* Hoffmann, A. 71303
Gleizes, A. *see* Gonzalez, J.J. 60377
Glembocki, O.J. *see* Dobisz, E.A. 81599
Glencross, W.M. *see* Davis, G.R. 58788
Glendinning, R.H. Model selection for time series 51490
Glendinning, R.H. Signal plus noise models in shape classification 57871
Glenn, D. *see* Baker, B.S. 78805
Glenn, G.S. *see* Krut, D.D. 90413
Glenn, G.S. *see* Krut, D.D. 100721
Glenn, J.L. *see* Siekkinen, J.W. 55919
Glenn, J.W. *see* Reece, R.K. 87835
Glenn, M.S. An empirical investigation of telex data as a useful predictor of socioeconomic development among less developed countries 96336
Glenn, S., Meil, G., Rodriguez, E., Brooks, J. Functional design verification for the PowerPC 601 microprocessor 49501
Glenn, W.E. Performance requirements for electronic displays of color moving images using flat panel technology 66609
Glenn, W.H. *see* Ball, G.A. 72311
Glenn, W.H. *see* Meltz, G. 63397
Glenn Shirley, C. THB reliability models and life prediction for intermittently-powered nonhermetic components 60958
Glennie, D. *see* Measures, R.M. 52888
Glennie, D.J. *see* Alavie, A.T. 52923
Glentis, G.-O., Kalouptsidis, N. Efficient multichannel FIR filtering using a single step versatile order recursive algorithm 64469
Glentis, G.O., Kalouptsidis, N. Efficient solution of block linear systems with Toeplitz entries using a channel decomposition technique 57495
Glesk, I., Solokoff, J.P., Prucnal, P.R. All-optical address recognition and self-routing in a 250 Gbit/s packet-switched network 75168
Glesk, I. *see* Kane, M.G. 96165
Glesk, I. *see* Prucnal, P.R. 52550
Glesner, M. *see* Ecker, W. 96217
Glesner, M. *see* Herpel, H.-J. 49473
Glesner, M. *see* Runkler, T. 90620
Glesser, P. *see* Mignotte, M. 69807
Glessing, W. *see* Allport, P.P. 76752
Glew, C.A. Halogen versus non-halogen materials for telecommunications wire & cable 86027
Glew, C.N. *see* Clark, P.E. 54015
Glew, R.W. *see* Thrush, E.J. 54901
Glezer, V.D. *see* Kaliteevsky, N.A. 84721
Glick, A.J. *see* Henrickson, L.E. 81289
Glick, M. *see* Da Via, C. 53348
Glick, S.H. *see* Pern, F.J. 82174
Glick, S.J., Penney, B.C., King, M.A., Bryne, C.L. Non-iterative compensation for the distance-dependent detector response and photon attenuation in SPECT imaging 59325
Glicksman, J. *see* Kumar, V. 69521
Glidden, S.C., Richter, M.R., Hammer, D.A., Kalantar, D.H. 1 kW X-Pinch soft X-ray source 81602
Glielmo, L., Marino, P., Setola, R., Vasca, F. Reduced order extended Kalman filter for estimation of induction motor rotor resistance 89958
Gliese, U. *see* Bruun, M. 70922
Gliese, U. *see* Bruun, M. 92612
Gliese, U. *see* Nielsen, T.N. 97271
Gliese, U. *see* Riishoj, J. 97236
Gligor, V.D., Shyh-Wei Luan, Pato, J.N. On inter-realm authentication in large distributed systems 65035
Gligor, V.D. *see* Stubblebine, S.G. 52086
Glijer, P. *see* Kyusik Sin 63183
Glimm, J., Munter, K., Pape, R. A new PTB reference RF-field sensor up to 1 GHz compared to metrological characteristics of commercial sensors 86944
Glinchuk, M.D. *see* Klein, R.S. 94255
Glineur, J.L., Van Eck, J.L., Mathys, P. Modulation strategy for auxiliary convertors installed in trains. 1 60548
Glineur, J.L., Van Eck, J.L., Mathys, P. Modulation strategy for auxiliary convertors installed in trains. 2 69122
Glingener, C. *see* Schulz, D. 63474
Glinski, S., Roe, D. Spoken language recognition on a DSP array processor 64361
Glises, R., Hostache, G., Kauffmann, J.M. Steady state thermal analysis of an asynchronous motor with an external cooling by finite element method 89999
Glises, R., Miraoui, A., Kauffmann, J.M. Steady state and transient thermal behaviour of an induction motor 89952
Glisson, A.W. *see* Goggans, P.M. 73309
Glisson, A.W. *see* Huang, W. 83805
Glisson, A.W. *see* Junker, G.P. 73491
Glisson, A.W. *see* Kishk, A.A. 51237
Glista, A.S. A shunted ring fiber optic network topology providing fault detection, isolation and circumvention 58387
Glista, A.S. Optical interconnects: topology and protocol issues 82863
Glitho, R.H. Signalling system number 7 network services part and X.25: a comparative study 85456
Gloag, A., Langford, N., McCallion, K., Johnstone, W. Tunable erbium fiber laser using a novel overlay bandpass filter 63715
Gloag, A. *see* Johnstone, W. 82995
Gloaguen, F., Andolfatto, F., Durand, R., Ozil, P. Kinetic study of electrochemical reactions at catalyst-recast ionomer interfaces from thin active layer modelling 100442
Glock, H.-W., Kurz, M., Hulsmann, P., Klein, H. Rise time of the amplitudes of time harmonic fields in multicell cavities 67048
Glock, H.-W. *see* Hulsmann, P. 58964
Glock, H.-W. *see* Kurz, M. 67010
Glockler, K. *see* Lux-Steiner, M.C. 100454
Glodjo, A. *see* Azhar, S. 57625
Glogovky, K.G. *see* Morgan, R.A. 87390
Glogovsky, K.G. *see* Lentine, A.L. 86022
Glor, P.J., Boyle, E.S. Design Evaluation for Personnel, Training and Human factors (DEPTH) 54445
Gloria, A.De *see* De Gloria, A.
Glorieux, P. *see* Bielawski, S. 50728
Glorieux, P. *see* Cotteverte, J.-C. 50911
Glorieux, P. *see* Garreau, J.C. 65814
Glorieux, P. *see* Legrand, J. 90827
Glorieux, P. *see* Louvergneaux, E. 94358
Glosser, R. *see* Stevens, P.D. 72573
Glotova, M.Yu., Shvartsburg, A.A. Geocentric synchronous halos for a solar sail 59513
Glotz, M. *see* Eichler, H.J. 73172
Glotz, P. Technical diversity of communication and the future of information 74782
Gloukhian, A. *see* Nakajima, H. 75502
Glover, F. Tabu search for nonlinear and parametric optimization (with links to genetic algorithms) 48819
Glover, F. *see* Dhir, K.S. 60867
Glover, F. *see* Youngho Lee 74752
Glover, I.A. *see* Sadeghzadeh, R.A. 73353
Glover, I.A. *see* Zainal, A.R. 73354
Glover, N. *see* Welland, D.R. 93886
Glover, T.E. *see* Donnelly, T.D. 72705
Glover, W.L. Prepreg and laminate manufacturing 81056
Glowacka, L. *see* Sadowski, M. 59175
Glowacki, B.A. *see* Ashworth, S.P. 63280
Glowacki, F., Campidelli, Y. Single wafer epitaxy of Si and SiGe using UHV-CVD 91453
Glowacki, F. *see* Boucaud, P. 70002
Glowacki, F. *see* Boucaud, P. 70036
Glowacki, M. *see* Ducharme, R. 83404
Glowasky, B. *see* Fairles, R. 88626
Glownia, J.H., Gnass, D.R., Sorokin, P.P. Recent developments in VUV femtosecond pulse generation: Proposal for a higher efficiency F_2 (157-nm) laser 73115
Glozic, D. *see* Litovski, V. 71794
Gluck, A., Halder, W., Lindner, G., Muller, H., Weindler, P. PVDF-excited resonance sensors for gas flow and humidity measurements 66255
Gluck, D. *see* Claraz, J.L. 77769
Gluck, F.B. Protection of electronic mail and electronic messages: challenges and solutions 65226
Glucksberg, M.R. *see* Grace, K.W. 53443
Gluckstad, J., Jorgensen, T.M. Optoelectronic loop that implements a mean field annealing algorithm for nonlinear noise filtering 57644
Gluckstern, R.L. Analytic model for halo formation in high current ion linacs 87643
Gluckstern, R.L. Methods of impedance calculation 87895
Gluckstern, R.L., Krinsky, S., Okamoto, H. Saturation of a high gain FEL 63882
Gluckstern, R.L. *see* Bane, K.L.F. 98441
Gluckstern, R.L. *see* Gjaja, I. 87628
Gluckstern, R.L. *see* Jiang, S. 87712
Gluckstern, R.L. *see* Okamoto, H. 87855
Gluckstern, R.L. *see* Wen-Hao Cheng 66908
Glueck, A.D. *see* Clark, B.K. 72703
Gluhov, V.T., Zharkov, M.A. Toll telephone exchanges and signaling systems in the Russian long-distance network 85574
Glukhova, E.V. Optimal linear filtration of the intensity of a Poisson stream of events in the presence of dead time 95444
Glunz, S.W. *see* Aberle, A.G. 100757
Glunz, S.W. *see* Warta, W. 81184
Glushko, B. *see* Sarkisyan, D.G. 83000
Gluskin, E. The semi-empirical construction of solitons using ordinary time-dependent nonlinear oscillations 55101
Gluth, R. A unified approach to transform-based FIR filter banks with special regard to perfect reconstruction systems 80459
Glyantsev, V.N., Siegel, M., Schubert, J., Zander, W., Braginski, A.I. Low-frequency excess noise in SQUIDS with $YBa_2Cu_3O_7$ step-edge junctions 56248
Glynn, P. *see* Roy, S.R. 71316
Glynn, P.W., Whitt, W. Large deviations behavior of counting processes and their inverses 79543
Glynn, T.J. *see* Georgescu, S. 72737
Glytsis, E.N. *see* Anemogiannis, E. 51189
Gmitro, A.F. *see* Tresp, V. 53376
Gmitrzak, A., Krawczyk, A. Applications of eddy currents to magnetodynamic devices 100065
Gmucova, K. *see* Thurzo, I. 76186
Gmur, N. *see* Thompson, A.C. 88381
Gmyrek, Z. *see* Anuszczyk, J. 100119
Gnana Sahaya Rosilda, L., Ganesan, M., Anbu Kulandainathan, M., Kapali, V. Influence of inhibitors on corrosion and anodic behaviour of different grades of aluminium in alkaline media 68973
Gnanaprakasam, D. *see* Devaney, P. 66065
Gnass, D.R. *see* Glownia, J.H. 73115
Gnauck, A. *see* Froberg, N.M. 97318
Gnauck, A.H., Chraplyvy, A.R., Tkach, R.W., Derosier, R.M. 160 Gbit/s (8×20 Gbit/s WBM) 300 km transmission with 50 km amplifier spacing and span-by-span dispersion reversal 86313
Gnauck, A.H., Jopson, R.M., Iannone, P.P., Derosier, R.M. Transmission of two wavelength-multiplexed 10 Gbit/s channels over 560 km of dispersive fibre 58381
Gnauck, A.H. *see* Iannone, P.P. 86371
Gnauck, A.H. *see* Wiesenfeld, J.M. 58377
Gnazzo, A. *see* Cocito, G. 56721
Gnazzo, A. *see* Cocito, G. 82537
Gnazzo, A. *see* Cognolato, L. 82983
Gniadek, K. *see* Jasinski, J. 94612
Gnilenko, A.B. *see* Petrusenko, I.V. 57095
Gninenko, S. *see* Badier, J. 87982
Gnocato, J. *see* Begg, I.M. 58067
Gnoth, D. *see* Kohl, A. 54921
Gnudi, A. *see* Leone, A. 93301
Gnudi, A. *see* Souissi, K. 71553
Go, G., Ianniello, J.W. Third generation airport surface detection equipment design 88719
Go Gao *see* Gao Go
Go Youngjo *see* Youngjo Go
Goalic, A., Saoudi, S. Real time processing of a 5.45 Kbits/sec TCELP coder/decoder on DSP Motorola 56001 75127
Gobat, J.I. *see* Simpson, J.J. 88791
Gobbi, A.L. *see* Lamas, A.C. 50697
Gobbi, B. *see* Avery, R.E. 59123
Gobbi, B. *see* Avery, R.E. 59132
Gobbi, J.M. *see* Johansson, T. 49585
Gobbi, R. *see* Cuthbert, L. 86381
Gobel, C. *see* Hellmann, R. 86577
Gobel, E. *see* Fischer, I. 94485
Gobel, E.O. *see* Hofmann, M. 50845
Gobel, E.O. *see* Hofmann, M. 83065
Gobel, E.O. *see* von Plessen, G. 62267
Gobert, Y., Salmer, G. Analytical approach of noise-figure dependence on temperature for microwave FET 49647
Gobert, Y., Salmer, G. Comparative behavior and performances of MESFET and HEMT as a function of temperature 50041
Gobet, J. *see* Bergqvist, J. 66300
Gobet, J. *see* Cardot, F. 63217
Gobin, R. *see* Visentin, B. 53172
Goble, J.C. *see* Cook, R.D. 77023
Goble, J.R. *see* Rogers, S.K. 77075
Goblick, T.J. *see* Tsang, D.Z. 56467
Gobsch, G. *see* Kraak, W. 71162
Gochi, H., Ochi, K., Teraoko, Y. Large-capacity memory card using ultra-thin package technology 55260
Gocho, T. *see* Ogawa, T. 71512
Goda, K. *see* Ma, W. 100529
Goda, N. *see* Hamada, H. 93367
Goda, T. *see* Akiyoshi, M. 78222
Goda, Y., Matsuda, S., Inaba, T., Ozaki, Y. Behavior of post arc gas after arc interruption on UHV (1000 kV class) transmission lines 68279
Goda, Y. *see* Yokoya, M. 78157
Godara, L.C., Schultheiss, P.M. Performance of various detectors in non-Gaussian noise and weak stochastic signal environment 84414
Godart, T., Mukerji, R., Powell, D. Advanced software integration for power system planning 68165
Godart, T.F., Imece, A.F., McIver, J.C., Chebli, E.A. Feasibility of thyristor controlled series capacitor for distribution substation enhancements 89240
Godbee, J.S. *see* Plummer, C.W. 89243
Godber, S.X., Petty, R., Robinson, M., Evans, P. Versatile stereoscopic line-scan imaging systems 76085
Godbersen, M. *see* Bruckner, W. 88025
Godbey, D. *see* Thompson, P.E. 61247
Godbey, D.J., Lill, J.V., Deppe, J., Hobart, K.D. Ge surface segregation at low temperature during SiGe growth by molecular beam epitaxy 70030
Godbey, D.J. *see* Tadayon, B. 62192
Godbout, L.F. *see* Shertukde, H.M. 70767
Goddard, J.W.F., Eastment, J.D., Thurai, M. The Chilbolton advanced meteorological radar: a tool for multidisciplinary atmospheric research 52634

Goddard, N.H. Incremental model-based discrimination of articulated movement from motion features 96069
Goddard, P.L. Validating the safety of embedded real-time control systems using FMEA 54601
Goddard, R. *see* Kenter, A. 59233
Goddard, R.J. *see* Assadian, M. 59719
Goddard, W. Measures of vulnerability—the integrity family 61103
Godden, D. *see* Den Hartog, P. 76300
Goddu, S.M., Rao, D.V., Howell, R.W. Multicellular dosimetry for micrometastases: dependence of self-dose versus cross-dose to cell nuclei on type and energy of radiation and subcellular distribution of radionuclides 59407
Gode, W.D. *see* Eckoldt, H.J. 60313
Godeke, A. *see* ten Haken, B. 82312
Godel, W., Manus, S., Wharam, D.A., Kotthaus, J.P., Bohm, G., Klein, W., Trankle, G., Weimann, G. Ballistic point contacts as microwave mixers 61899
Goderre, G. *see* Carrigan, R.A., Jr. 59039
Goderre, G. *see* Siergiej, D. 87803
Goderrre, G. *see* Saritepe, S. 66946
Godfrey, A.Blanton *see* Blanton Godfrey, A.
Godfrey, G. *see* Bloom, E. 76520
Godfrey, K.R. *see* McCormack, A.S. 57472
Godfrey, K.R. *see* McCormack, A.S. 74010
Godfrey, K.R.L., Attikiouzel, Y. Self-organized color image quantization for color image data compression 64808
Godfrey, M.D. *see* Edwards, R.T. 61826
Godfrey, N.R. *see* Law, K.T. 78015
Godfrey, N.R. *see* Law, K.T. 89094
Godfrey, T.J. *see* Huang, M. 62078
Godhwani, A., Bhatia, G., Vannier, M.W. Calibration of a multisensor structured light range scanner 58829
Godhwani, A. *see* Jen-Shiun Chen 58453
Godignon, P. *see* Flores, D. 81927
Godignon, P. *see* Hidalgo, S. 50030
Godil, A.A., Auld, B.A., Bloom, D.M. Picosecond time-lenses 63530
Godin, A. *see* Hughes Clarke, J.E. 99142
Godin, R. *see* Combes, J.-P. 89432
Godinho, M., Carvalho, A., Nogues, M., Dormann, J.L., Seqqat, M. Field and temperature dependence of magnetic viscosity in randomly canted Li-Ti ferrite 63191
Godler, I., Ohnishi, K., Yamashita, T. Vibration suppression for a speed control system with gear 89786
Godler, I., Ohnishi, K., Yamashita, T. Robustness of vibration suppression feedback loop for speed control system 100165
Godlewski, J. *see* Blocki, J. 87986
Godone, A., Novero, C., Tavella, P., Brida, G., Levi, F. Frequency comparison between Cs and Mg atomic standards 86932
Godone, A. *see* Andreone, D. 86848
Godone, A. *see* Bava, E. 66643
Godor, E. *see* Doka, T. 75638
Godovski, D.Yu., Vasiliev, A.A., Dorofeev, E.V. Analysis of hydrogen fluoride with SnO_2 gas sensors 66541
Godsill, S.J., Rayner, P.J.W. Frequency-based interpolation of sampled signals with applications in audio restoration 75797
Godwin, R.B. *see* Providakes, J. 65899
Goebel, D.M. High power modulator for plasma ion implantation 68701
Goebel, H. A unified method for modeling semiconductor power devices 93297
Goeckner, M.J. *see* Zhang, L. 71311
Goedde, G.L. *see* Plummer, C.W. 89243
Goedgebuer, J.-P. *see* Hauden, J. 97258
Goedgebuer, J.-P. *see* Wacogne, B. 83212
Goedtkindt, P. *see* Jamelot, G. 50729
Goedtkindt, P. *see* Rus, B. 50724
Goehlich, A. *see* Spaan, M. 63673
Goel, A.K., Mathur, M.K. Modelling of propagation delays in the bilevel crossing interconnections on the GaAs-based integrated circuits 62928
Goel, A.K., Mathur, M.K. Modeling of crosstalk and propagation delays in the crossing interconnections on GaAs-based VHSICs 93522
Goel, J. *see* Marosi, L. 92577
Goel, J. *see* Sharma, A.K. 80840
Goel, L., Billinton, R. A comparison of three fundamentally different methods for generating capacity reliability evaluation 53696
Goel, L., Billinton, R. Prediction of customer load point service reliability worth estimates in an electric power system 77910
Goel, L., Billinton, R. Monte Carlo simulation applied to distribution feeder reliability evaluation 78084
Goel, L., Billinton, R. Determination of reliability worth for distribution system planning 78090
Goel, P.S., Maharana, P.K., Sathyanarayana, M.N. Phase plane analysis of the solar array stepping dynamics and alternative slewing strategy 77189
Goel, R. *see* Gupta, R. 54583
Goel, R. *see* Gupta, R. 61027
Goeldel, C. *see* Robert, B. 80095
Goeler, S.Von *see* Von Goeler, S.
Goemans, M.X. Arborescence polytopes for series-parallel graphs 69743
Goes, F.M.L.van der *see* van der Goes, F.M.L.
Goessel, M., Sogomonyan, E.S. Code disjoint self-parity combinational circuits for self-testing, concurrent fault detection and parity scan design 49382
Goetgheluck, P. On the problem of sharp exponents in multivariate Nikolskii-type inequalities 54752
Goethals, A.M., Baik, K.H., Ronse, K., Vertommen, J., Van den hove, L. Proximity effects in dry developed lithography for sub-0.35 μm application 81647
Goethals, M. *see* Schwalm, R. 81613
Goetsch, D.A. *see* Laaksonen, R.T. 70105
Goetsch, S. *see* Almond, P.R. 88587
Goett, J.M. *see* Aidarous, S. 51979
Goette, J. *see* Guggenbuhl, W. 80509
Goettl, B.P. Analysis of skill on a flight simulator: implications for training 99062
Goetz, A.C. *see* Lockyer, A.J. 88657
Goetz, G. *see* Pennise, C.A. 93079
Goetz, M. *see* Mettler, A. 92972
Goetz, M.J., Jr. *see* King, T.W. 88373
Goetz, R.A. *see* Guerci, J.R. 95438
Goetz, T., Picard, M., Plesko, M. The control system of ROSY I 76622
Goetz, T. *see* Einfeld, D. 59217
Goetz, Th. *see* Einfeld, D. 66834
Goetzberger, A., Bopp, G., Griesshaber, W., Stahl, W. The PV/hydrogen/oxygen-system of the self-sufficient solar house Freiburg 99994
Goetzberger, A. *see* Scheydecker, A. 90386
Goetze, A.J. *see* Baran, M.E. 78625
Goetzer, M. *see* Lemppenau, W.W. 51819
Gofas, N. *see* Kronberger, H. 69121
Goff, M. *see* Wagdy, M.F. 75890
Goffer, A.P., Kam, M., Herczfeld, P.R. Design of phased arrays in terms of random subarrays 73552
Goffinet, F. *see* Beasley, J.E. 61209
Goforth, R.C., Chandran, B., Ulrich, R.K., Nasrazadani, S. A comparison of three techniques for measuring strain at fracture of thin film materials 98315
Goforth, R.R., Parker, S., Balagamawala, A. Implementation of an automated EMS optimization program using an embedded expert system 99597
Gogate, N., Panwar, S.S. On a resequencing model for high speed networks 65014
Goggans, P.M., Kishk, A.A., Glisson, A.W. Electromagnetic scattering from objects composed of multiple homogeneous regions using a region-by-region solution 73309
Goggans, P.M. *see* Kishk, A.A. 51065
Goggi, G. *see* Alippi, C. 53346
Goggi, G. *see* Dell'Acqua, A. 98680
Goggi, V.G. *see* Alippi, C. 67381
Goggi, V.G. *see* Dell'Acqua, A. 87955
Goghidze, I.G. *see* Gol'tsman, G.N. 66355
Goghidze, I.G. *see* Nebosis, R.S. 66354
Gogineni, S. *see* Tjuatja, S. 77522
Gogineni, S.P. *see* Beaven, S.G. 67878
Gogineni, S.P. *see* Beaven, S.G. 77442
Gogineni, S.P. *see* Beaven, S.G. 88804
Gogineni, S.P. *see* Lourenco, L.M. 58999
Gogl, D. *see* Fischerauer, G. 96969
Gogolides, E., Yannakopoulou, K., Traverse, A., Nassiopoulos, A.G., Tsois, E., Hatzakis, M. Characterization of a positive-tone wet silylation process with the AZ 5214 photoresist 62609
Goh, E.S. *see* Devotta, J.B.X. 60402
Goh, I.N. *see* Tan, K. 57853
Goh, L. *see* Lee, D.J. 70524
Goh Wee Leng *see* Mital, D.P. 95729
Goh Wee Leng *see* Mital, D.P. 95821
Goh Wee Leng *see* Toh Peng Seng 95944
Goh Wee-Leng *see* Wee-Leng Goh
Goh Wooi Boon *see* Wooi Boon Goh
Gohin, F. *see* Lecomte, P. 77444
Gohshi, S., Naemura, M., Izumi, Y., Yamaguchi, K., Ninomiya, Y. A technique for signal processing of moving areas in the MUSE system 66043
Goins, B. *see* Pham, D. 92287
Goita, K., Gonzalez-Rubio, R., Benie, G.B., Royer, A., Michaud, F. Literature review of artificial neural networks and knowledge-based systems for image analysis and interpretation of data in remote sensing 67755
Gojceta, Z. *see* Bodlovic, P. 68697
Gojohbori, H. *see* Ishimaru, K. 71784
Gojohbori, H. *see* Matsuoka, F. 92220
Gojohbori, H. *see* Yabe, T. 70566
Goka, Y. *see* Nakayama, I. 65722
Gokaya, K. *see* Bisaka, Y. 96747
Gokhale, D.S. *see* Chitre, D.M. 86246
Gokhale, M., Jain, F., Islam, S.K. Enhanced performance of PMOS and CMOS circuits using self-aligned MOSFETs with modulation doped Si-Ge channel 62973
Goktas, H. *see* Krtolica, R. 57927
Goktepe, M., Meydan, T. Influence of bending stress on flux distribution in toroidal transducers 66172
Gola, A. *see* Baschirotto, A. 55328
Golab, J. *see* Pham, D. 92287
Golan, G., Kenyon, A.J., Griffel, G., Pitt, C.W. Thermal effects in scanning acoustic microscopy for fine resolution applications 77730
Golan, S., Levenson, M., Schulz, J., Sher, R. Water sprays can help contain RBMK accidents 53880
Golant, K.M. *see* Dianov, E.M. 94080
Golany, B., Roll, Y., Rybak, D. Measuring efficiency of power plants in Israel by data envelopment analysis 78384
Golany, M. *see* Mitosinka, J. 78321
Golberg, M.A., Chen, C.S. On a method of Atkinson for evaluating domain integrals in the boundary element method 54798
Golceff, P. *see* Weaver, J.N. 76739
Gold, C.H. *see* Bankert, R.J. 68455
Gold, D., Ur, H. Efficient reduction of quantisation noise in complex frequency sampling FIR filters 55344
Gold, P.W. In-process quality monitoring for the high speed high volume manufacturing environment 79248
Gold, S. *see* Koontz, R.F. 68755
Gold, S.H., Sullivan, C.A., Manheimer, W.M., Hafizi, B. The NRL X-band magnicon amplifier experiment 76373
Gold, S.H. *see* Hafizi, B. 76374
Goldacker, G., Todorova, P. Broadband-ISDN standardization—state of the art 96822
Goldacker, G. *see* Burak, M. 58165
Goldapp, M. *see* Zimmermann, P.Z. 60585
Goldbach, C. *see* Coron, N. 59152
Goldbach, C. *see* Zhou, J.W. 98538
Goldbacher, A. Computer-aided Engineering (CAE) design environments on PC-DOS platforms, for design of complex particle accelerator experiments 66840
Goldberg, A.C. *see* Faska, T.S. 66451
Goldberg, D., Tso, M. How to program networked portable computers 96491
Goldberg, D. *see* Rashid, E. 92286
Goldberg, D.A., Rimmer, R.A. Automated bead-positioning system for measuring impedances of RF cavity modes 66808
Goldberg, D.A. *see* Rimmer, R.A. 67089
Goldberg, D.E. Genetic and evolutionary algorithms come of age 79635
Goldberg, D.E. *see* Deb, K. 54714
Goldberg, D.E. *see* Horn, J. 91315
Goldberg, H.D. *see* Lee, K.S. 97896
Goldberg, J.M., Sandler, M.B. New high accuracy pulse width modulation based digital-to-analogue convertor/power amplifier 70696
Goldberg, L. ATM silicon: ready for takeoff 52072
Goldberg, L. MAC protocols: the key to robust wireless systems 65293
Goldberg, L. Intelligent networks: new technology, new opportunities 75113
Goldberg, L. High-speed modems: they're not just for data anymore 85974
Goldberg, L. CTI: computer/phone fusion at LAN's edge 96705
Goldberg, L., Mehuys, D. Blue light generation using a high power tapered amplifier mode-locked laser 72888
Goldberg, L., Mehuys, D. Blue light intensity modulation in a frequency doubled tapered amplifier modelocked laser 72908
Goldberg, L., Mehuys, D. High power superluminescent diode source 94281
Goldberg, L., Mehuys, D., Welch, D. High power mode-locked compound laser using a tapered semiconductor amplifier 83161
Goldberg, L. *see* Lang, R.J. 63795
Goldberg, M. *see* Bonenfant, S. 77092
Goldberg, M.B. *see* Zhang Shuping 88091
Goldberg, R.L. Calling all televisions? The convergence of the cable television and telephone industries in the United States 86764
Goldberg, R.L., Smith, S.W. Multilayer piezoelectric ceramics for two-dimensional array transducers 88392
Goldberg, R.L., Smith, S.W. Performance of multi-layer 2-D transducer arrays 98785
Goldberg, R.R. Constrained pose refinement of parametric objects 95784
Goldberg, T. *see* Bristow, J. 67728
Goldberg, Y., Safran, M., Shapiro, E. Active Mail—a framework for implementing groupware 96562
Goldberg, Y., Safran, M., Silverman, W., Shapiro, E. Active mail: a framework for integrated groupware applications 85611
Goldbrunner, W. Reliable and stable: SMD thick-film chip resistors 49678
Golden, A., Jr., Wei, S.C., Ellis, K.K., Tummala, S. Migration processing of spotlight SAR data 75558
Golden, D. *see* Rahn, J. 98693
Golden, G.D. *see* Woodworth, C. 75101
Golden, J.P., Anderson, G.P., Rabbany, S.Y., Ligler, F.S. An evanescent wave biosensor. II. Fluorescent signal acquisition from tapered fiber optic probes 76900
Golden, J.P. *see* Anderson, G.P. 67513
Golden, J.P. *see* Anderson, G.P. 76899
Golden, R.L. *see* Hof, M. 67310
Goldenberg, A.A., Laniado, I., Kuzan, P., Zhou, C. Control of switched reluctance motor torque for force control applications 78880
Goldenberg, M., Croman, R., Fiez, T.S. Accurate SI filters using RGC integrators 92371

Goldenberg, M. *see* Stone, K.P. 91154
Goldenberg, O., Picel, Z., Erdreich, M., Henry, Y. CEN232: New generation echo canceller 65486
Goldenblum, A., Oprea, A., Bogatu, V. Time behavior of currents in ZnS:Mn metal-insulator-semiconductor-insulator-metal structures 62316
Goldey, P.R. *see* Allport, P.P. 76752
Goldfarb, M., Cole, J.B., Platzker, A. A novel MMIC biphase modulator with variable gain using enhancement-mode FETS suitable for 3 V wireless applications 80790
Goldfarb, M.E. A MMIC quadrature IF mixer in L-band for use in portable, wireless networking applications 75272
Goldfeld, L. *see* Wulich, D. 73577
Goldgof, D. *see* Bruno, B. 74475
Goldgof, D. *see* Kumar, S. 74582
Goldgof, D.B. *see* Hsiao-Kun Tu 74474
Goldgof, D.B. *see* Kambhamettu, C. 84706
Goldhar, J. *see* Cho, P.S. 56547
Goldhar, J. *see* Cho, P.S. 72566
Goldhar, J. *see* Cho, P.S. 82810
Goldhor, R.S. Recognition of environmental sounds 77759
Goldhorn, A. *see* Krozer, V. 92533
Goldie, D.J., Brink, P.L., Patel, C., Booth, N.E., Salmon, G.L. Statistical noise due to tunneling in superconducting tunnel junction detectors 63304
Goldie, D.J., Swift, A.M., Booth, N.E., Salmon, G.L. Tunnel junction arrays on InSb: a high resolution cryogenic detector for Xand γ-rays 76865
Goldie, D.J. *see* Booth, N.E. 59060
Goldie, D.J. *see* Swift, A.M. 59165
Goldie, D.M., Hepburn, A.R., Maud, J.M., Marshall, J.M. Carrier mobility studies of carbazole modified polysiloxanes 55578
Goldie, D.M., Hepburn, A.R., Maud, J.M., Marshall, J.M. Current-voltage characteristics of carbazole modified polysiloxanes 55676
Goldie, D.M., Hepburn, A.R., Maud, J.M., Marshall, J.M. Characterisation and application of carbazole modified polysiloxanes in electrochemical displays 56430
Goldie, D.M. *see* Haynes, D.M. 56438
Goldin, L. *see* Crawford, J.F. 77054
Goldina, N.D. *see* Vazenmiller, E.A. 91608
Golding, D.J. *see* Hodgson, N. 83020
Goldman, G.M. *see* Geller, D. 78454
Goldman, M., Witulski, A.F. Predicting regulation for a multiple-output current-mode controlled DC-to-DC converter 55140
Goldman, M. *see* Hsiu, L. 100213
Goldman, M. *see* Sanders, R.T. 67163
Goldman, M.A., Sikora, R.E., Shea, T.J. Preliminary studies on a magneto-optical procedure for aligning RHIC magnets 76704
Goldman, M.A. *see* Karl, F.X. 76705
Goldman, N. *see* Sathaye, J. 69145
Goldman, R.S., Wieder, H.H., Kavanagh, K.L., Rammohan, K., Rich, D.H. Anisotropic structural, electronic, and optical properties of InGaAs grown by molecular beam epitaxy on misoriented substrates 81229
Goldman, S. Understand the effects of phase noise on ADCs 61772
Goldman, S. Improve wideband-discriminator NPR performance 70323
Goldner, D. *see* Gruber, A. 88256
Goldner, D. *see* Kiesling, C. 88254
Goldner, D. *see* Kramerkamper, T. 88257
Goldner, D. *see* Ribarics, P. 88255
Goldner, E.L. *see* Cordova, A. 76033
Goldner, E.L. *see* Patterson, R.A. 67710
Goldner, R.B., Arntz, F.O., Haas, T.E. d-electrons and two active thin film devices for achieving a solar energy economy 60456
Goldoni, J. *see* Koren, Z. 99008
Goldrick, T.J. *see* Fincham, W. 69177
Goldschmidt, O., Jaillet, P., Lasota, R. On reliability of graphs with node failures 61106
Goldsman, N. *see* Abramo, A. 81195
Goldsmith, A.J., Greenstein, L.J., Foschini, G.J. Error statistics of real-time power measurements in cellular channels with multipath and shadowing 75321
Goldsmith, B.J. Implementations digital voice communications 97537
Goldsmith, B.S. *see* Polger, P.D. 77397
Goldsmith, C.L., Magnusson, R., Alavi, K. Analysis of harmonics, compression, and intermodulation distortion in quadratic electro-optic intensity modulators 82726
Goldstein, B. *see* Little, J.W. 59395
Goldstein, B.S. Switching equipment adaptation for Russian public telephone network 85580
Goldstein, B.S., Slutsky, L.G. Distinctive characteristics of call-handling procedures and signaling logic in a Russian public telephone network 85576
Goldstein, C.I. *see* Bramble, J.H. 54730
Goldstein, D.H. *see* Flannery, D.L. 51570
Goldstein, D.H. *see* Flannery, D.L. 72541
Goldstein, D.H. *see* Kallman, R.R. 74322
Goldstein, E. Optical-fiber amplifiers for lightwave networks 75487
Goldstein, E.L., Eskildsen, L., Elrefaie, A.F. Performance implications of component crosstalk in transparent lightwave networks 58421
Goldstein, J.A. *see* Bernhardt, P.A. 51114
Goldstein, J.A. *see* Wagner, L.S. 83674
Goldstein, J.C. *see* Nguyen, D.C. 83193
Goldstein, J.S. A wideband multichannel array sensor with a frequency domain adaptive filter structure 84526
Goldstein, J.S., Ingram, M.A., Holder, E.J. Adaptive space-time processing for radar receive arrays with time-varying two-dimensional subband decompositions 75537
Goldstein, L. Assessing health effects due to trace elements in power plant emissions 78263
Goldstein, L. *see* Emery, J.-Y. 56414
Goldstein, L. *see* Ponchet, A. 81311
Goldstein, R.M., Li, F., Smith, J., Pinkel, R., Barnett, T.P. Remote sensing of ocean waves: the Surface Wave Process Program experiment 59570
Goldstone, J.A. *see* Bobbs, B. 82887
Goldstone, L. Profiting from ideas 54403
Goldstone, L. *see* Collier, D. 88685
Goldthorp, J.M. *see* Dixon, J.L. 96947
Goldwater, R., Berens, H., Jonath, F., Vasquez, B., Jonath, A. Toward the maieutic management of business systems 60848
Goldys, E.M. *see* Osotchan, T. 93035
Gole, A.M. GTO based DC feeders for remote loads 99646
Gole, A.M. *see* Nayak, O.B. 89198
Gole, A.M. *see* Nayak, O.B. 99647
Gole, A.M. *see* Xiao Jiang 77990
Goleman, R. A high-speed induction motor making use of the third harmonic of the magnetic flux 68589
Golembeovskii, Yu.V., Gorbunov, M.E., Myakinin, V.A. Reconstruction of two-dimensional energy distribution in pulsed laser beams from acoustic measurements 72999
Golembiovskii, S.A. *see* Bogachev, Yu.P. 69080
Golenitskiy, I.I. *see* Ovsyannikov, V.P. 53174
Golestani, S.J. A self-clocked fair queueing scheme for broadband applications 65011
Golestanian, S. *see* Hogarth, C.A. 91637
Golias, N.A., Tsiboukis, T.D. Magnetostatics with edge elements: a numerical investigation in the choice of the tree 83477
Golias, N.A., Tsiboukis, T.D., Bossavit, A. Constitutive inconsistency: rigorous solution of Maxwell equations based on a dual approach 83447
Golightly, M.J., Hardy, K., Quam, W. Radiation dosimetry measurements during US space shuttle missions with the RME-III 88573
Golikov, A.V. *see* Belolaptikov, I.A. 59156
Golikova, E.G. *see* Guriev, A.I. 56793
Golikova, E.V., Mironov, A.V. Absorption spectrum of iodine-127 in the vicinity of the visible lines of an iodine-vapor laser pumped by an argon laser 50725
Golikova, O.A., Kazanin, M.M., Mavlyanov, Kh.Yu. Pseudodoping and annealing of amorphous hydrogenated silicon 93126
Golinskii, L.B. Reflection coefficients for the generalized Jacobi weight functions 69823
Golio, M. *see* Halchin, D. 81989
Golio, M. *see* Staudinger, J. 50044
Golja, B. *see* Duncan, S.W. 80780
Golja, B. *see* Tu, D.-W. 80779
Golla, D., Knoke, S., Schone, W., Tunnermann, A., Schmidt, H. High power continuous-wave diode-laser-pumped Nd:YAG laser 56671
Golla, L. Updated GPIB tracks instrument design needs 66115
Golla, R. *see* Pham, D. 92287
Gollapudy, C. *see* Jagannathan, V. 74979
Golles, M. *see* Uzunov, I.M. 58431
Golles, M. *see* Uzunov, I.M. 73093
Golmayo, D. *see* Huertas, P. 81461
Golnabi, H., Samimi, H. Triggerable spark gap switches for pulsed gas lasers 83227
Golob, A., Mullins, G., Baker, C., Franks, E., Shikata, A. CORE 2564 process optimization with the APTCON 4045 62558
Golob, A. *see* Shernock, D.M. 62570
Golomb, S.W. *see* Ning Chang 95118
Golomb, S.W. *see* Song, H.Y. 73702
Golomb, S.W. *see* Song, H.Y. 95120
Golonka, L.J., Kozlowski, J., Licznerski, B.W. The influence of the electrode material on the sensitivity of an SnO_2 thick-film gas sensor 66527
Golonka, L.J., Pasciak, G., Barycka, I. Thick film SO_2 sensor 87340
Golonka, L.J. *see* Dziedzic, A. 66552
Goloub, P., Deuze, J.L., Herman, M., Fouquart, Y. Analysis of the POLDER polarization measurements performed over cloud covers 59553
Goloubkoff, M. *see* Rolland, P.A. 86196
Golovanivski, N. *see* Arndt, P. 59047
Golovanov, A.P., Valieva, L.Sh., Petrova, M.V., Medetov, Zh.M. On the fixing of tariffs for power with allowance for the ecological factors of a region 60086
Golovanov, C. *see* Stefanescu, C. 89393
Golovanov, V. *see* Smyntyna, V.A. 66529
Golovatyuk, N.N. *see* Glebov, V.N. 58794
Golovatyuk, V. *see* Carrigan, R.A., Jr. 59039
Golovchenko, A. *see* Tretyakova, S. 88168
Golovchenko, E.A., Pilipetskii, A.N. Acoustic effect and the polarization of adjacent bits in soliton communication lines 75465
Golovchenko, J.A. *see* Wilk, G.D. 79775
Golovkin, S.V. *see* Cardini, A. 67354
Golovkina, V.N. *see* Aktsipetrov, O.A. 94595
Golovnin, I.V., Gordienko, V.M., Kovrigin, A.I., Kudryashov, A.V., Laptev, G.D., Seliverstov, A.V. Generation of narrow-band radiation in a system with a monolithic ring YAG laser and a slab amplifier 56688
Golshan, K., Tigelaar, H., Harward, M. Process windows for convenient in-process monitoring of oxide and polysilicon etches 55764
Gol'tsev, A.O. *see* Bogoyavlenskii, R.G. 89541
Gol'tsman, G. *see* Karasik, B. 66353
Gol'tsman, G.N., Kouminov, P.B., Goghidze, I.G., Karasik, B.S., Gershenzon, E.M. Nonbolometric and fast bolometric responses of YBaCuO thin films in superconducting, resistive, and normal states 66355
Gol'tsman, G.N. *see* Danerud, M. 58749
Gol'tsman, G.N. *see* Danerud, M. 87181
Gol'tsman, G.N. *see* Karasik, B.S. 93942
Gol'tsman, G.N. *see* Lindgren, M. 56521
Gol'tvyanskiy, I.N. *see* Zil'berman, G.Ye. 94220
Goltzow, Yu.I., Dranishnikow, A.P., Shpak, L.A., Yurkevich, V.E. New electrodes for posistors 80880
Golub, G. *see* Guanghan Xu 95410
Golub, G.H. *see* Dubrulle, A.A. 69786
Golub, G.H. *see* Talwar, S. 84450
Golub, J.E. *see* Grumann, E. 63804
Golub, M.A. *see* Soifer, V.A. 50560
Golub, V.S. Analysis of transformations to AFM, PhFM, and FPM used in demodulation of FM signals 64460
Golub, V.S., Svyachenyi, V.D., Bolmusov, Yu.D. Comments on the paper by Yu. D. Bolmusov "The distortion of an FM signal when it is converted into a pulse train." [and reply] 83907
Golubev, A.N., Chekhovsky, A.M., Zakroischikov, S.N. Refinement of the metrological chain for calibration of long-distance measurement systems 86957
Golubev, A.N. *see* Babaev, M.B. 60492
Golubev, N.A. *see* Sekachev, I.V. 87943
Golubev, V.P. *see* Pavlovic, M. 67284
Golubev, V.S., Ledenev, V.I., Mirzoev, F.K., Nikolo, V.A. On the mechanisms of oscillation build-up in a deep vapor-gas channel on welding by radiation of a continuous-wave CO_2 laser 57033
Golubev, V.S. *see* Azovsky, V.V. 56634
Golubev, V.S. *see* Galushkin, M.G. 56630
Golubev, V.S. *see* Galushkin, M.G. 56631
Golubev, V.S. *see* Galushkin, M.G. 56834
Golubev, V.S. *see* Galushkin, M.G. 56835
Golubev, V.S. *see* Vasiltsov, V.V. 56629
Golubeva, N. *see* Balandin, V. 66971
Golubeva, N. *see* Balandin, V. 66972
Golubkov, A.V., Dubrovskii, G.V., Prokof'ev, A.V. Growth and doping of SnS_2 crystals 93115
Golubkov, S.P. *see* Potyrailo, R.A. 98157
Golubok, A.O., Gur'yanov, G.M., Petrov, V.N., Samsonenko, Yu.B., Tipisev, S.Ya., Tsyrlin, G.E., Ledentsov, N.N. Formation of arrays of facets on vicinal surfaces of GaAs (100) during molecular-beam epitaxy 54831
Golubok, A.O. *see* Ledentsov, N.N. 70012
Golubov, A.A., Houwnan, E.P., Krasnov, V.M., Gijsbertsen, J.G., Flokstra, J., Rogalla, H., le Grand, J.B., de Korte, P.A.J. Quasiparticle lifetimes and tunneling times in an SS'IS''S tunnel junction detector 67361
Golubovic, S., Ristic, G., Pejovic, M., Dimitrijev, S. The role of interface traps in rebound mechanisms 71665
Golubovic, S. *see* Pejovic, M. 49977
Golubskii, A.A. *see* Borodina, I.A. 71211
Golwalkar, S. *see* Noctor, D.M. 92680
Golygin, A.F. Modern electric drives for use in automobile plants 69269
Gomaa, I.A., Sakr, S.Z. A constructive method in a two-point boundary value problem for functional differential equations 61193
Gomaa Ibrahim, W.M. *see* Alim, O.A. 51747
Gomatam, B.N. *see* Tayebati, P. 94179
Gombert, G., Beckner, F. High resolution 2-D ISAR image collection and processing 86587
Gombia, E. *see* Bosacchi, A. 55885
Gombos, G. *see* Podor, B. 62249
Gombos, G. *see* Varga, S. 91501
Gomei, Y. *see* Murooka, K.-I. 91609
Gomelsky, L., Liu, J.M. Extension of beam propagation method to time-dependent optical waveforms 50532
Gomes, A. *see* Ariztizabal, F. 98518
Gomes, A.S.L. *see* Bernardin, J.P. 63926
Gomes, J. *see* Bastos, J.P.A. 83764
Gomes, J. *see* Flanagan, K.A. 59232
Gomes, J. *see* Kenter, A. 59233
Gomes, J.P. *see* Barroso, V. 75521
Gomes, M.A.F. *see* da Silva, E.F., Jr. 49882
Gomes, N.J. *see* Razzooqi, K.A.R. 81966
Gomes, N.J. *see* Sommer, D. 61923
Gomes, P. *see* Christiansen, J. 76838
Gomes Neto, A., da Rocha, C.S., Araujo Filho, M.S. An alternative formulation for the generalized scattering matrix technique 83781
Gomes Neto, A. *see* de Araujo, S.P. 80559
Gomez, D. Design reuse accelerates board creation 70978

Gomez, E. *see* Silva-Andrade, F. 79791
Gomez, F., Zas, E. Detection of horizontal air showers 59157
Gomez, H.G. *see* Moreira, C.G. 77027
Gomez, I. *see* Luque, J. 53678
Gomez, J. *see* Kotulski, J.D. 87111
Gomez, J.C. Behaviour of the electric arc in APR fuses with wire element subjected to critical current 70974
Gomez, J.C. *see* Ordoqui, E.J. 100395
Gomez, J.C. *see* Reineri, C.A. 90264
Gomez, L. *see* Lima, C.R. 65797
Gomez, P. *see* Olmos, P. 67405
Gomez, R. *see* Materdey, T. 51179
Gomez, R.D., Burke, E.R., Mayergoyz, I.D. Component-resolved imaging of surface magnetic fields 66660
Gomez, R.D., Mayergoyz, I.D., Burke, E.R. Direct imaging of track edge fringing fields on recorded media 63227
Gomez, R.D. *see* Burke, E.R. 63228
Gomez, R.D. *see* Burke, E.R. 76164
Gomez, R.G. *see* Perez, S.M. 75121
Gomez, R.M. *see* Thacker, D.L. 88772
Gomez Exposito, A., Rosendo Macias, J.A., Ruis Macias, J.L. Discrete Fourier transform computation for digital relaying 78210
Gomez Martin, R. *see* Salinas, A. 51204
Gomez Polo, C. *see* Vazquez, M. 63174
Gomez Sal, J.C. *see* Espeso, J.I. 72032
Gomez-Alcala, R. *see* Chamorro-Posada, P. 73448
Gomez-Aleixandre, C. *see* Vazquez, L. 79968
Gomez-Lopera, J.F. *see* Lloris-Ruiz, A. 49253
Gomez-Lucia, R. The application of computers to telephony 65210
Gomez-Polo, C. *see* Vazquez, M. 71952
Gomez-Pulido, J.A. *see* Giron-Sierra, J.M. 78420
Gomez-Salas, E. *see* de Miguel, J.L. 55625
Gomm, A.J.M. *see* Labanti, C. 76762
Gomollon, J.A. *see* Gutfleisch, F. 68278
Gomory, F., Lobotka, P., Frohlich, K. Variable temperature insert for AC susceptibility measurements at AC field amplitudes up to 0.1 T 98266
Gompf, B. *see* Ludwig, C. 69938
Gomyo, A., Suzuki, T., Kobayashi, K., Kawata, S., Hotta, H., Hino, I. Effects of GaAs-substrate surface misorientation from (001) on band-gap energy in $Ga_{0.5}In_{0.5}P$ 61309
Gomzyakov, Yu.I., Lebedev, I.I., Korolev, V.N. Experience in designing and implementing microprocessor-controlled systems for automated startups of power-generating units 53914
Gon Choi Se *see* Se Gon Choi
Gon Kim Han *see* Han Gon Kim
Gon Kim I *see* Kim I Gon
Gon Kim Tae *see* Kim Tae Gon
Gon Lee Sang *see* Sang Gon Lee
Gon Yu Byoung *see* Byoung Gon Yu
Goncalves, A. *see* Barabino, M. 89617
Goncalves, F.M. *see* Sousa, J.T. 49223
Goncalves, J. *see* Nunes, M.S. 52279
Goncalves, J.A.C., Bueno, C.C., Damy de Santos, M. New advances in spark detectors 98594
Goncalves, O. *see* Eichler, J. 56957
Goncalves, P. *see* Abry, P. 84258
Goncalves, P.M. *see* Haenisch, M.A.M. 86578
Goncalves da Silva, C.E.T. *see* Liu Lin 66916
Goncalves da Silva, C.E.T. *see* Rodrigues, A.R.D. 66838
Goncharov, A.A., Dobrovolsky, A.N., Kotsarenko, A.N., Protsenko, I.M. High-current plasma lens and focusing of intense ion beams 53126
Goncharov, I.G., Grachev, A.P., Kazharsky, O.V., Matveev, A.K., Mironov, Y.A. OFDR damage sensor based on LD sweep generator for smart structures and skins 52934
Goncharov, M.V. *see* Shraiberg, Y.L. 96668
Goncharov, V.A., Markov, E.V. Numerical study of thermoconvection and dopant transport mechanisms in the process of Si growth by floating-zone technique under microgravity 48902
Goncharov, V.F. *see* Popov, A.P. 64037
Goncharov, V.I. *see* Abdullaev, F.Kh. 94092
Goncharov, V.Ya. *see* Akimochkin, Yu.V. 53093
Gonchond, J.P. *see* Pantel, R. 82062
Gonczy, I. *see* Jaffery, T.S. 76656
Gonda, S. Semiconductor vacuum in-situ processing 81394
Gonda, S. *see* Liu, X.F. 70044
Gondek, J.J., Habdank, T.W. Application of a new PTF temperature sensor with a switch-over TCR in food industry 87162
Gondhalekar, V. *see* Torti, R. 75959
Gondo, M. *see* Ikuno, H. 94788
Gonella, F. *see* Mazzoldi, P. 73048
Gonen, T. *see* Ramirez-Rosado, I.J. 53737
Gonet, P., Hardy, D., Le Padellec, P. SONATE — an experimental ATM business communication system 65374
Gong, C. *see* Williams, M. 70915
Gong, H., Chooi, K.M., Ong, C.K. Effect of conjugated bonds on the charging of insulating polymers 82164
Gong, J. *see* Volakis, J.L. 73270
Gong, J.R., Bedair, S.M. Growth and characterization of strained GaP films and strained-barrier GaP/GaAs/GaP quantum wells on GaAs substrates 93033
Gong, K.F. *see* Ferkinhoff, D.J. 99399
Gong, K.F. *see* Graham, M.L. 75666
Gong, L., Hagel, R., Unbehauen, R. Applying 3-D FEM to evaluate induction heating of a slab 54263
Gong, L., Hagel, R., Unbehauen, R. 3-D inhomogeneous induction heating of a shell 69230
Gong, L., Hagel, R., Unbehauen, R. On the 3-D inhomogeneous induction heating of a shell 90642
Gong, P., Howarth, P.J. An assessment of some small window-based spatial features for land-cover classification 77645
Gong, S.F. *see* Dell'Acqua, A. 87955
Gong, T. *see* Kostoulas, Y. 62181
Gong, T. *see* Sobolewski, R. 63308
Gong, T. *see* Young, J.F. 62182
Gong, W. *see* Zeitlin, C.J. 87954
Gong, W.-B. *see* Cao, X.-R. 61076
Gong, W.B. *see* Ganz, A. 74920
Gong, W.G., Wieman, H., Harris, J.W., Mitchell, J.T., Hong, W.S., Perez-Mendez, V. Microstrip gas chambers on glass and ceramic substrates 88119
Gong, X.M., Chan, A.K., Taylor, H.F. Lateral mode discrimination in surface emitting DBR lasers with cylindrical symmetry 72818
Gong, X.R. *see* Gao, Y. 53222
Gong, Y., Akyildiz, I.F. Dynamic traffic control using feedback and traffic prediction in ATM networks 64942
Gong, Y. *see* Chakravarty, S. 49379
Gong Baoan *see* Baoan Gong
Gong Chaoyang *see* Lou Shuli 61897
Gong Dawei, Lu Xuekun, Wei Xin, Yang Xiaoping, Hu Jihuang, Sheng Chi, Zhang Xiangjiu, Wang Xun, Zhou Tao, Ye Hongjuan, Shen Xuechu p^+-Ge_xSi_{1-x}/p-Si internal photoemission infrared detector with 9 μm cut-off wavelength 75995
Gong Dawei *see* Dawei Gong
Gong Fengmin *see* Fengmin Gong
Gong Guang *see* Guang Gong
Gong Jian A store-and-forward file transfer service based on FTAM 85663
Gong Jian *see* Li Liyuan 74429
Gong Jian *see* Jian Gong
Gong Jianming *see* Jianming Gong
Gong Long *see* Long Gong
Gong Peirong *see* Peirong Gong
Gong Peng *see* Peng Gong
Gong Shiying Fast and accurate analysis of DC chopper circuits 54202
Gong Wei *see* Wei Gong
Gong Weibo *see* Weibo Gong
Gong Xiaowu, Lou Xu, Luo Jinsheng IGT quasinumerical model and simulation 80110
Gong Xiufen *see* Zhang Dong 67459
Gong Xiuying *see* Xiuying Gong
Gong Xu, Liu Jiangping The research of setting and calculation for the grounding distance protection in multiloop transmission lines with zero sequence mutual inductance 99759
Gong Yebin *see* Yebin Gong
Gong Yi-sheng *see* Yi-sheng Gong
Gong Yihong *see* Yihong Gong
Gong Yu *see* Yu Gong
Gong-Ru Lin *see* Ci-Ling Pan 52604
Gong-Ru Lin *see* Hsiao-Hua Wu 56796
Gong-San Yu *see* Ming-Kang Liu 75117
Gongbiao Yan *see* Yan Gongbiao
Gongjie Yin *see* Yin Gongjie
Gongli Zhang *see* Zhang Gongli
GongYao Fang *see* Fang GongYao
Gonichon, J., Chen, S.C., Lin, L.C.-L., Temkin, R.J. Quiet start and autotasking for PARMELA 76641
Gonichon, J. *see* Chen, S.C. 76359
Gonichon, J. *see* Lin, L.C.-L. 81123
Gonidec, A. *see* Fanti, V. 76788
Gonin, I.M., Smith, M.W., Dowd, M.K., Akerstrom-Hoffman, R.A., Siegel, S.I., Pizzariello, C.M., Screiber, T.E. Human factors analysis of electronic chart display and information systems (ECDIS) 52994
Gonnard, H. *see* Wagner, D. 90591
Gonnard, P., Eyraud, L., Guillemot, M.M. Piezoelectric materials for ultrasonic motors—required performances and technological problems 90040
Gonnard, P., Garabedian, C., Ohanessian, H., Eyraud, L. Anomalous mechanical and piezoelectric coefficients in piezoceramics used for ignition 56130
Gonnard, P., Garabedian, C., Ohanessian, H., Eyraud, L. Investigations into piezoelectric spark generators 56173
Gonnard, P. *see* Guillemot-Amadei, M.M. 59614
Gonnet, C., Torresani, B. Local frequency analysis with two-dimensional wavelet transform 64466
Gonon, P., Deneuville, A., Gheeraert, E., Fontaine, F. Influence of annealing on the resistance of polycrystalline chemically vapour deposited diamond films: a surface chemical effect 71233
Gonon, P., Deneuville, A., Gheeraert, E., Fontaine, F. Spectral response of the photoconductivity of polycrystalline chemically vapor deposited diamond films 72565
Gonon, P., Deneuville, A., Gheeraert, E., Fontaine, F., Lenormand, F. Metal/insulator/semiconductor tunnel diodes formed by the oxidation of polycrystalline diamond films 93308
Gonon, P. *see* Fontaine, F. 70120
Gonsalves, T.A. *see* Thomas, M. 58305
Gonschorek, K.-H. *see* Harms, H.-F. 57203
Gonschorek, K.H. *see* Meisel, H. 86034
Gonska, D.G. Driving into the future 67972
Gonta, I., Williams, E. A calibrated Franklin chimes 67803
Gontar, A.G. *see* Romanko, L.A. 53313
Gontar, I.A., Grimalsky, V.V., Kononov, M.V., Koshevaya, S.V. Controlled reflecting surface based on a ferroelectric 56192
Gontarz, R. *see* Lucinski, T. 70147
Gontarz, R. *see* Uba, S. 72024
Gonthier, F., Lacroix, S., Bures, J. Numerical calculations of modes of optical waveguides with two-dimensional refractive index profiles by a field correction method 50458
Gontijo, I. Determination of important parameters for second harmonic generation in LBO 56927
Gontijo, I., Krauss, T., Marsh, J.H., De La Rue, R.M. Postgrowth control of GaAs/AlGaAs quantum well shapes by impurity-free vacancy diffusion 71152
Gontijo, I. *see* Krauss, T. 56766
Gontrand, C. *see* Merabet, A. 93357
Gonyea, R. *see* Campbell, A. 70464
Gonzales, D. Using on-chip emulation in DSP designs 80375
Gonzales, D.R. Using a DSP as an embedded emulation controller 70670
Gonzales, J. *see* Le Meur, J.P. 96921
Gonzales, S. *see* Bich-Yen Nguyen 71376
Gonzalez, C. *see* Garabedian, R. 66248
Gonzalez, C.F.M. *see* Dusza, J.J. 59096
Gonzalez, E.L.y *see* y Gonzalez, E.L.
Gonzalez, G.D., Redard, J.P., Barrera, R., Fernandez, M. Issues in soft-sensor applications in industrial plants 87167
Gonzalez, H. *see* Banham, M.R. 85006
Gonzalez, H.L., Barsotti, E., Zimmerman, S., Nomachi, M., Sasaki, O. A comparison of high-speed data links, their commercial support and ongoing R&D activities 74734
Gonzalez, J., Irurieta, E., Aragoneses, P., Blanco, J.M., Ibarrondo, I., Vazquez, M., Gonzalez, J.M., Ceballada, F. Helical magnetic anisotropy induced by current annealing under torsion in Co-rich amorphous wires 71954
Gonzalez, J. *see* Hernandez, E. 62209
Gonzalez, J. *see* Murillo, N. 50209
Gonzalez, J.I.Llorente *see* Llorente Gonzalez, J.I.
Gonzalez, J.J., Gleizes, A., Krenek, P. SF_6 circuit breaker arc modelling: influence of the electric field on the electrical conductivity 60377
Gonzalez, J.M., Cebollada, F. Coercivity acquisition in permanent magnet materials: an exchange-controlled mechanism 82232
Gonzalez, J.M., Giri, A.K., De Julian, C., Velez, M., Vicent, J.L. Experimental comparison and analysis of coercivity models 93878
Gonzalez, J.M. *see* Gonzalez, J. 71954
Gonzalez, J.M. *see* Murillo, N. 50209
Gonzalez, J.V. *see* Dede, E.J. 60337
Gonzalez, L. *see* Premachandra, I.M. 79534
Gonzalez, M.A., Quiles, M.A., Pulido, N., Garcia-Sola, R., Salvador, C.H. Intracranial pressure dynamics in clinical practice: online PC-based ICP monitoring system 98737
Gonzalez, M.I.Sarachaga *see* Sarachaga Gonzalez, M.I.
Gonzalez, P. *see* Szorenyi, T. 48978
Gonzalez, R., Bible, C. Application of PLCs for nuclear plant emergency load sequencers 89464
Gonzalez, R.E. *see* Aiello, G.R. 76834
Gonzalez, S. *see* Materdey, T. 51179
Gonzalez, T., Pardo, D., Varani, L., Reggiani, L. A microscope interpretation of hot-electron noise in Schottky barrier diodes 62675
Gonzalez, T. *see* Martin, M.J. 71081
Gonzalez, T. *see* Varani, L. 62155
Gonzalez, T.F. *see* Chang, D. 48667
Gonzalez, Y. *see* Graber, Z. 75189
Gonzalez-Diaz, G. *see* Martin, J.M. 55711
Gonzalez-Diaz, G. *see* Martin, J.M. 55722
Gonzalez-Huerta, J. *see* Sanz-Bobi, M.A. 78438
Gonzalez-Mestres, L. *see* Coron, N. 59152
Gonzalez-Rubio, R. *see* Goita, K. 67755
Gonzalez-Vera, P., Orive, R. Optimization of two-point Pade-type approximants 69812
Goo Choo Ahn *see* Ahn Goo Choo
Goo Jung-Woung *see* Jung-Woung Goo
Goo Kang Chang *see* Chang Goo Kang
Goo Kang Myung *see* Myung Goo Kang
Goo Kim Weon *see* Weon Goo Kim
Goo Kong Byung *see* Byung Goo Kong
Goo Lee Eung *see* Eung Goo Lee
Goo Mo Kyoung *see* Kyoung Goo Mo
Goo Soo Kang *see* Jae Ho Kim 65229
Gooch, R. *see* Wadsworth, M.V. 98088
Gooch, R.P. *see* Giridhar, K. 83917
Good, S.E. *see* Gifford, A.F. 79442
Good, T.N. *see* Sheridan, T.E. 49203
Goodall, A.J.E., Burton, D.R., Lalor, M.J. The future of 3-D range image measurement using binary-encoded pattern projection 84902
Goodall, F. *see* Arthur, G. 81696
Goodall, R.K. *see* Sethi, S. 81699

Goodberlet, J. *see* Hagelstein, P. 50738
Goodbody, C., Monekosso, N. The STRV-1 A & B solar cell experiments 99106
Goodbody, C. *see* Piszczor, M.F., Jr. 99108
Goodby, L., Orailoglu, A., Chau, P.M. Microarchitectural synthesis of performance-constrained, low-power VLSI designs 93604
Goode, P.V., Mo-Yuen Chow Neural/fuzzy systems for incipient fault detection in induction motors 90004
Goode, P.V. *see* Mo-Yuen Chow 89959
Goode, P.W. *see* Cooper, E.G. 53491
Goodell, S. Fine pitch technology with horizontal hot air leveling 92782
Goodenough, D. *see* Ionescu, D. 77616
Goodenough, D. *see* Ionescu, D. 95830
Goodenough, D.G., Charlebois, D., Matwin, S., Robson, M. Automating reuse of software for expert system analysis of remote sensing data 88846
Goodenough, D.G. *see* Charlebois, D. 77669
Goodenough, D.G. *see* Fung, K.B. 77670
Goodenough, F. P-DMOSFET and TSSOP turns on with 2.7 V_{GS} 50021
Goodenough, F. Silicon, analog processes are becoming more sophisticated 50106
Goodenough, F. Rail-to-rail in-and-out IC op amps run off 2.7 V 61567
Goodenough, F. Off-line and one-cell IC converters up efficiency 70284
Goodenough, F. Dual 180-V GaAs Schottky diode rectifies 10 A/leg 70297
Goodenough, F. SLIC ejects relays from PABX line cards 75130
Goodenough, F. Host CPU's IC manages power for PCMCIA cards 80118
Goodenough, F. DMOSFETs switch milliwatts to megawatts. I 80119
Goodenough, F. Analog counterparts of FPGAs ease system design 93554
Goodenough, J., Meacham, R.J., Morris, J.D., Seed, N.L., Ivey, P.A. A general purpose, single chip video signal processing (VSP) architecture for image processing, coding and computer vision 61750
Goodenough, J.B. Design considerations [Li-based cells] 90353
Goodeve, T.E. *see* Lyes, J.F. 89736
Goodeve, T.E. *see* Lyles, J.F. 89735
Goodfellow, E.A. A prototype active noise reduction in-ear hearing protector 67970
Goodhew, P.J. *see* Mockler, A.J. 81120
Goodhue, W.D., Nitishin, P.M., Harris, C.T., Bozler, C.O., Rathman, D.D., Johnson, G.D., Hollis, M.A. Bright-field analysis of field-emission cones using high-resolution transmission electron microscopy and the effect of structural properties on current stability 62047
Goodings, C.J., Mizuta, H., Cleaver, J.R.A., Ahmed, H. Variable-area resonant tunneling diodes using implanted in-plane gates 81770
Goodlad, G. Legislation, certification and standards relating to electrical equipment used in UK gassy mines 48608
Goodlet, G., Narayanaswamy, R. An optical fibre vitamin C sensor based on immobilized 2,6-dichloroindophenol 66506
Goodman, C.A. *see* Jing, T. 88408
Goodman, C.J., Sin, L.K. DC railway power network solutions by diakoptics 54220
Goodman, D. Ground-penetrating radar simulation in engineering and archaeology 67749
Goodman, D.J. *see* Grandhi, S.A. 52414
Goodman, D.J. *see* Meier-Hellstern, K.S. 51845
Goodman, F.R., Jr., DeMeo, E.A., Zavadil, R.M. Residential photovoltaics in the United States: status and outlook 100014
Goodman, J. *see* Ganguly, S. 88765
Goodman, J. *see* Jones, P. 55690
Goodman, J. *see* Reilly, M. 97022
Goodman, J.E. The cordless office 65217
Goodman, J.M. Ionospheric investigation and its utility 64156
Goodman, J.M. The last quarter century of ionospheric study and prospects for the future 97010
Goodman, J.R. *see* Aboulenein, N.M. 58109
Goodman, J.W., Lam, J.C. Fan in loss in electrical and optical circuits and systems 50629
Goodman, J.W. *see* Ozaktas, H.M. 56473
Goodman, L. *see* Engineer, M. 78289
Goodman, M.B. The special section on professional communication in Russia: an American perspective 60850
Goodman, R., Nagy, W., Wilhelm, J., Crippen, S. A high fidelity ground to air imaging radar system 65919
Goodman, R. *see* Greenspan, H. 84799
Goodman, S.A., Auret, F.D., Meyer, W.E. The effect of alpha-particle and proton irradiation on the electrical and defect properties of n-GaAs 55563
Goodman, S.A., Auret, F.D., Myburg, G. Defect annealing of alpha-particle irradiated n-GaAs 81227
Goodman, S.A. *see* Auret, F.D. 55564
Goodman, T.W., Fujita, H., Murakami, Y., Murphy, A.T. A low temperature co-fired ceramic land grid array for high speed digital applications 93568
Goodnick, S.M. *see* Ranawake, U.A. 55860
Goodnick, S.M. *see* Wu, J.C. 62289
Goodnow, D.C. *see* Tuttle, B.A. 56120
Goodpaster, B.G., Sterling, J.T. The development of a relaying scheme for undervoltage load shedding at Commonwealth Edison 78203
Goodpasture, A.V. Mountain Travel·Sobek and The Adventure Disc: trailblazing with Kodak's Photo CD Portfolio 75765
Goodrich, F. *see* Circello, J. 70585
Goodrich, F.G. *see* Haddock, J.L. 68183
Goodrich, J. *see* Chinoy, P. 92583
Goodrich, J. *see* Onno, P. 80764
Goodrich, L.F., Srivastava, A.N., Stauffer, T.E., Roshko, A., Vale, L.R. High current pressure contacts to Ag pads on thin film superconductors 72202
Goodrich, L.F. *see* Aized, D. 82323
Goodrick, M.J. *see* Allport, P.P. 76752
Goodrick, M.J. *see* Allport, P.P. 88021
Goodson, A.D. *see* Woodward, B. 99161
Goodson, J. *see* Bowles, R.J. 77198
Goodson, J. *see* Bowles, R.J. 88928
Goodson, K.E. *see* Su, L.T. 62816
Goodwill, J.E. *see* McIntyre, E.H. 69233
Goodwin, A.R. *see* Thornton, K.E.B. 50846
Goodwin, D.G. *see* Shin, H.S. 48937
Goodwin, F.E., Dyba, J.J. Recent technological developments for lead sheathed cables 89280
Goodwin, G.A. *see* Brown, S.E. 71424
Goodwin, G.C. *see* Oh-Kyu Kwon 69656
Goodwin, G.L. *see* Rangwala, S.S. 91014
Goodwin, I. Ghost cancelling for television 75700
Goodwin, J.E., Anderson, T., Franck, A., Gelfand, N., Jostlein, H. A permanent magnet dipole correction element for the Tevatron 76678
Goodwin, M. Neural processing set to boost sensor technology 70806
Goodwin, M.J., Moseley, A.J. The application of optoelectronic technologies to high performance electronic processor interconnects 94227
Goodwin, M.J. *see* Farries, M.C. 56514
Goodwin, M.M., Elko, G.W. Constant beamwidth beamforming 75102
Goodwin, M.M. *see* Elko, G.W. 75103
Goodwin, P.A., Keizer, E. Technological applications for enhancing communications for deaf and hard of hearing individuals 53465
Goodwin, S. *see* Somers, M.L. 99287
Goodwin-Johansson, S. *see* Bobbio, S.M. 57061
Goodwin-Johansson, S.H. *see* Mirabedini, M.R. 71680
Goodwin-Johansson, S.H. *see* Mirabedini, M.R. 81916
Goody, S. *see* Spratt, M. 85701
Goodyear, C.C. *see* Greenwood, A.R. 64351
Goodyear, C.C. *see* Greenwood, A.R. 95341
Goodyear, S.W., Humphreys, R.G., Satchell, J.S., Chew, N.G., Keene, M.N., Lander, K. Vertical c-axis microbridge junctions in $YBa_2Cu_3O_7$-$PrBa_2Cu_3O_7$ multilayer thin films 72222
Goodyear, S.W. *see* Keene, M.N. 72242
Goodyer, L. Trickle impregnating with polyester resin to maximize the quality of wound components in high volume production lines 79299
Goodzeit, C. *see* Wanderer, P. 82422
Gooi, H.B., Teo, C.Y., Chin, L., Ang, S.Y., Khor, E.K. Adaptive short-term load forecasting using artificial neural networks 77977
Gooi, H.B. *see* Sharaf, A.M. 59749
Gooi, H.B. *see* Sharaf, A.M. 99626
Gooi, H.B. *see* Teo, C.Y. 78082
Gooi Hoay-Beng *see* Chan Tat-Wai 78677
Gooijer, H.de *see* de Gooijer, H.
Gook Chun In *see* In Gook Chun
Gook Ryu Yeun *see* Yeun Gook Ryu
Gool, L.Van *see* Van Gool, L.
Goonewardene, A. *see* Zhe Qu 88290
Goor, A.J.Van de *see* Van de Goor, A.J.
Goorsky, M.S., Eldredge, J.W., Lord, S.M., Harris, J.S. Structural properties of highly mismatched InGaAs-based devices grown by molecular beam epitaxy on GaAs substrates 54837
Goorsky, M.S. *see* Meshkinpour, M. 93496
Goos, G. *see* Hua Jin 78777
Goosen, J.F.L. *see* French, P.J. 87082
Goosev, I.V., Krivoschekov, V.A., Safonov, V.I., Zel'dovich, B.Ya. Mutual phase conjugation by thin layers 94640
Goossen, K.W., Cunningham, J.E., Jan, W.Y. Stacked-diode electroabsorption modulator 82714
Goossen, K.W., Walker, J.A., Arney, S.C. Silicon modulator based on mechanically-active anti-reflection layer with 1 mbit/sec capability for fiber-in-the-loop applications 86477
Goossen, K.W. *see* Chih-Hsiang Lin 82704
Goossen, K.W. *see* Cunningham, J.E. 48950
Goossen, K.W. *see* Cunningham, J.E. 56425
Goossen, K.W. *see* Lee, S.W. 63610
Goossen, K.W. *see* von Plessen, G. 62267
Goossens, G., Bolsens, I., Lin, B., Catthoor, F. Design of heterogeneous ICs for mobile and personal communication systems 91837
Goossens, G. *see* Depuydt, F. 49087
Goossens, G. *see* Schoofs, K. 49481
Goossens, G. *see* Vanbekbergen, P. 91746
Goossens, M. *see* Absillis, L. 85328
Goossens, M. *see* Tao, Z.P. 51859
Goossens, R.J.G. *see* Aluru, N.R. 50038
Goovaerts, E. *see* van Hoof, C. 94285
Goovaerts, H.G. Sensors and signal processing for foetal sound recording 67492
Gopakumar, K., Ranganathan, V.T., Bhat, S.R. An efficient PWM technique for split phase induction motor operation using dual voltage source inverters 69059
Gopal, C.B. *see* Buford, J.F. 58047
Gopal, E.S.R. *see* Prasad, M.V.N. 92971
Gopal, I., Guerin, R. Network transparency: the plaNET approach 85235
Gopal, I., Rom, R. Multicasting to multiple groups over broadcast channels 74712
Gopal, I. *see* Baratz, A. 52109
Gopal, M. *see* Awerbuch, B. 85357
Gopal, N. *see* Anastasakis, D.F. 55085
Gopal, N. *see* Seok-Yoon Kim 82041
Gopal, V. Model for response nonuniformity calculations of a direct-injection readout hybrid focal plane array 52958
Gopalakrishnan, G., Brunvand, E., Michell, N., Nowick, S.M. A correctness criterion for asynchronous circuit validation and optimization 92076
Gopalakrishnan, G. *see* Akella, V. 61763
Gopalakrishnan, G. *see* Jain, P. 80030
Gopalakrishnan, G. *see* Kudva, P. 92031
Gopalakrishnan, G. *see* Peckerar, M. 62602
Gopalakrishnan, G.C., Kudva, P.N., Brunvand, E.L. Peephole optimization of asynchronous macromodule networks 92050
Gopalakrishnan, G.K., Burns, W.K. Resonant enhancement of a $LiNbO_3$ traveling-wave modulator for low-loss analog fiber-optic links 86454
Gopalakrishnan, G.K., Burns, W.K., Bulmer, C.H. Microwave-optical mixing in $LiNbO_3$ modulators 50576
Gopalakrishnan, G.K., Burns, W.K., McElhanon, R.W., Bulmer, C.H., Greenblatt, A.S. Performance and modeling of broadband $LiNbO_3$ traveling wave optical intensity modulators 94199
Gopalakrishnan, J., Kasthuri Rangan, K., Raghavendra Prasad, B., Subramanian, C.K. New transition metal phosphates related to KTiOPO$_4$. Synthesis of $K_{0.5}M_{0.5}M'_{0.5}OPO_4$ (M = Nb, Ta; M' = Ti, V) and $K_{1-x}Ti_{1-x}V_xOPO_4$ exhibiting nonlinear optical behavior 73117
Gopalakrishnan, P.S. *see* Bahl, L.R. 84109
Gopalakrishnan, R., Krishnamurthy, D., Arivuoli, D., Ramasamy, P. Microscopy observations of Cz-grown BSO ($Bi_{12}SiO_{20}$) crystals 48895
Gopalakrishnan, R. *see* Radhakrishnan, K. 91491
Gopalakrishnan, V. Electronic voting machine 100962
Gopalan, S.R. From cultural change to cultural performance: a down-to-earth approach to TQM 79474
Gopalrao, R.K. *see* Aizawa, T. 94195
Gopani, S.G., Thompson, J.H., Dean, R. GHz SAW delay line for direct sequence spread spectrum, CDMA in-door communication system 97071
Gopel, W. New materials and transducers for chemical sensors 58696
Gopel, W. *see* Di Natale, C. 66564
Gopel, W. *see* Schierbaum, K.D. 66231
Gopel, W. *see* Schweizer-Berberich, P.-M. 58884
Gopel, W. *see* Zhou, R. 66532
Gopengauz, I.E. Pointwise estimates of the Hermitian interpolation 54742
Gopi, P. *see* Dunkley, J. 62724
Gopi, P.K. *see* Quon, D. 93327
Gopinath, A. *see* Freking, W. 83140
Gopinath, A. *see* Haozhe Dong 83139
Gopinath, B. *see* Hussain, S. 65581
Gopinath, C.S. *see* Balasubramanian, S. 81532
Gopinath, R.A., Burrus, C.S. On upsampling, downsampling, and rational sampling rate filter banks 57546
Gopinath, R.A., Burrus, C.S. Theory of modulated filter banks and modulated wavelet tight frames 80462
Gopinath, R.A., Burrus, C.S. Unitary FIR filter banks and symmetry 92410
Gopinath, R.A., Odegard, J.E., Burrus, C.S. Optimal wavelet representation of signals and the wavelet sampling theorem 51534
Gopinath, V. *see* Grotjohn, T.A. 53233
Gopinath, V. *see* Grotjohn, T.A. 59056
Gopinathan, K.P. *see* Amarendra, G. 87661
Gopinathan, V. *see* Choi, D. 92428
Gopinathan, V. *see* Izzard, M.J. 70712
Gopisetty, R. *see* Schlageter, J. 70389
Goplen, B., Smithe, D., Nguyen, K., Kodis, M.A., Vanderplaats, N.R. MAGIC simulations and experimental measurements from the emission gated amplifier I and II experiments 62125
Gora, S.A. *see* Sebko, V.V. 83516
Gorablenkow, J., Koch, H., Lorenz, D. EMC planning and verification in the test bay 100419
Goradia, C. *see* Faur, M. 60478
Goradia, C. *see* Faur, M. 100749
Goradia, M. *see* Faur, M. 55679
Goradia, M. *see* Faur, M. 60478
Goradia, M. *see* Faur, M. 100749
Gorbachev, A.Yu. *see* Berishev, I.E. 72793
Gorbachev, A.Yu. *see* Boroditskii, M.L. 50814

Gorbachev, O.G. Estimating the robustness of histogram decision functions in the classification problem 91217
Gorbachev, V.M. Dynamic operating conditions of static converters for plasma arc supplies 90191
Gorbachevskii, S.K. *see* Zhuk, S.Ya. 52661
Gorbachinskii, S.I. *see* Arakelyan, E.K. 99958
Gorban, I.I. Optimum space-time signal processing for mobile antennas when there is local interference 64225
Gorbatenko, V.V. *see* Gridnev, S.A. 56146
Gorbunov, A.A., Pompe, W. Thin film nanoprocessing by laser/STM combination 93288
Gorbunov, M.B. *see* Bonito-Oliva, A. 94025
Gorbunov, M.E. *see* Golembeovskii, Yu.V. 72999
Gorbunov, M.Yu., Chekalyuk, A.M. Lidar remote sensing of phytoplankton in the North-Western Atlantic 77518
Gorbunov, M.Yu. *see* Chekalyuk, A.M. 77434
Gorburov, V.I., Zorin, V.M. Computer simulation of hydrodynamics in the water space of a PGV-1000 steam generator 99842
Gorchakov, L.V., Evtushenko, G.S., Filonov, A.G., Filonova, N.A. Investigation of spectrum width and emission divergence of a gold-vapor laser (λλ312.2 and 627.8 nm) 63636
Gorchakov, V.V. *see* Kirillov, A.A. 69253
Gordeev, A. *see* Benary, O. 53327
Gordeev, A. *see* Benary, O. 98517
Gordeev, A. *see* Benary, O. 98640
Gordeev, A. *see* Young, K.G. 76765
Gordienko, L. *see* Gordienko, V.A. 52748
Gordienko, L.V. *see* Ponomaryov, L.I. 57284
Gordienko, V.A., Gordienko, L., Dryndin, A.V., Likhachev, S.M. Absolute pressure calibration of acoustic receivers in a vibrating column of liquid 52748
Gordienko, V.M. *see* Belyaev, V.S. 94405
Gordienko, V.M. *see* Biglov, Z.A. 56636
Gordienko, V.M. *see* Golovnin, I.V. 56688
Gordon, B.G. Modeling thermo-hydraulic processes on large-scale experimental installations 89476
Gordon, B.G., Gutsalov, A.T. Verification of the software for calculating emergency situations at nuclear power stations 89459
Gordon, C., Barton, T.H. Reluctance distribution modelling of saturated salient pole synchronous machines 78581
Gordon, C.L., III *see* Barty, C.P.J. 72774
Gordon, C.L., III *see* Barty, C.P.J. 94378
Gordon, D.C. *see* Redwing, J.M. 79804
Gordon, D.M. Equidistant arithmetic codes and character sums 57338
Gordon, D.W. Designing Xilinx logic cell arrays into a microprocessor system 55203
Gordon, G.E., Peterson, D.L. Telecommuting: Appropriate for the Asian setting of the 1990's? 85491
Gordon, G.I., Mishnayevskiy, P.A. Simple analytical relations for erbium-doped fiber amplifiers 63723
Gordon, H. *see* Benary, O. 53327
Gordon, H. *see* Benary, O. 98517
Gordon, H. *see* Benary, O. 98640
Gordon, H.A. *see* Gingrich, D. 53291
Gordon, H.J. *see* Thompson, A.C. 88381
Gordon, H.M. *see* Ray, U. 80997
Gordon, H.M. *see* Ray, U. 92716
Gordon, I.A.S. *see* Hine, N.A. 98993
Gordon, J., Kruip, M., Reed, A. Atom smashers for profit and pleasure 66836
Gordon, J.S., Farrell, R., Daley, K., Oakes, C.E. Solid state tritium detector for biomedical applications 88431
Gordon, J.S., Vasile, S., Hazlett, T., Squillante, M. High sensitivity radiation detector for capillary electrophoresis 87969
Gordon, J.S. *see* Squillante, M.R. 56544
Gordon, K.E., Wong, R.J. Conducting filament of the programmed metal electrode amorphous silicon antifuse 92188
Gordon, K.E. *see* Wong, R.J. 61641
Gordon, M.M. *see* Dong-o Jeon 98417
Gordon, N. The customer in product development: A marketing perspective 96953
Gordon, N.A. *see* Shaw, R. 91286
Gordon, N.T. *see* Ashley, T. 50050
Gordon, R.K. *see* Kishk, A.A. 86541
Gordon, S.D. Simulating underwater acoustic data using random variable transformations 77562
Gordon, S.D., Griep, K.R. Systematic search for multi-phase codes and design of mismatched filters for multi-user underwater sonar ranging system 86609
Gordon, S.D. *see* Ritcey, J.A. 97466
Gordon, S.J., Christopher, A.J., Valle, J.L. Engineering automated systems for physical mapping 88352
Gordon, T.H. *see* Mckinney, R.S. 52203
Gordon, W.B. High frequency approximations to the physical optics scattering integral 52619
Gordonov, E.Yu. *see* Andreev, V.S. 61886
Gore, J.C. *see* Jia-Hong Gao 88451
Gore, J.C. *see* Maryanski, M.J. 88614
Gorecka-Drzazga, A. *see* Dziuban, J. 66178
Gorecki, C. *see* Chebbour, A. 83409
Gorelenok, A.T., Kryukov, V.L., Furmanov, G.P. Gettering of impurities and defects in Si, GaAs, and InSb 81412
Gorelick, J. *see* Shoga, M. 70694
Gorelik, V.S., Zhabotinskii, E.V., Mitin, G.G. Second harmonic generation in the surface layers of ferroelectric sodium nitrite 56887
Gorelov, A.M., Odinokov, S.B., Odintsov, S.L., Petrov, A.V. Two-stage optoelectronic matrix summator 56480
Gorelov, G. Speech reproduction quality in stochastic digital transmission systems 65479
Gorelov, G., Kazansky, N., Lukova, O. Quality estimation of some speech signal recovery methods to be used in ISDN 58215
Gorelov, G.V. Dependence of identification accuracy of an object with Hammerstein structure upon changes of correlation properties of input action 73995
Goren, A., Melamed-Cohen, E., Marino, P. Real-time instruction cache optimized for DSP in the Motorola DSP96002 70654
Goren, Y., Mahale, N.K., Walling, L., Enegren, T., Hulsey, G., Yakovlev, V.P., Petrov, V.M. Nonlinear effects in ferrite tuned cavities 67090
Goren, Y., Walling, L., Brandeberry, F., Spayd, N. Eddy current analysis for the SSC Low Energy Booster cavity 67091
Goren, Y., Wang, T.F. Voltage counterphasing in the SSC low energy booster 67092
Goren, Y. *see* Coleman, P. 67076
Goren, Y. *see* Enegren, T. 67084
Goren, Y. *see* Haworth, M. 76408
Goren, Y. *see* Ruiz, E. 87716
Goren, Y. *see* Shu, Q.S. 87932
Gorenflo, R. *see* Preston, E. 87299
Gorenflo, R. *see* Preston, E. 87302
Gorenstein, A. *see* Cantao, M.P. 82725
Goresky, M. *see* Klapper, A.M. 73700
Goret, P. *see* Coron, N. 59152
Goretta, K.C. *see* Schwartz, J. 63278
Gorev, N.V., Prokhorov, E.F., Ukolov, A.T. Threshold voltage for development of negative differential conductivity in thin film gallium arsenide Schottky barrier structures 81806
Gorfine, G.W. *see* Bates, S.J. 53308
Gorfine, G.W. *see* Borer, K. 53347
Gorfinkel, V.B., Kompa, G., Novotny, M., Gurevich, S.A., Shtengel, G.E., Chebunina, I.E. High-frequency modulation of a QW diode laser by dual modal gain and pumping current control 94490
Gorgadze, S.F. *see* Smirnov, N.I. 65571
Gorgen, J. *see* Mandeville, J.B. 76855
Gorgucci, E., Scarchilli, G., Chandrasekar, V. A robust estimator of rainfall rate using differential reflectivity 99209
Gorgui-Naguib, R.N. *see* Creaney, M.J. 64376
Gori, F. Flattened Gaussian beams 51082
Gori, F., Ambrosini, D., Bagini, V. Field correlations within a homogeneous and isotropic source 50999
Gori, F. *see* Biffi Gentili, G. 53449
Gori, M. *see* Iuculano, G. 97782
Gorin, A. *see* Sankar, A. 73828
Gorin, A.L., Miller, L.G., Levinson, S.E. Some experiments in spoken language acquisition 73809
Gorin, A.L. *see* Farrell, K. 73808
Gorin, A.M. Fast readout of scintillating fibres using position-sensitive photomultipliers 53307
Gorin, A.M. *see* Cardini, A. 67354
Gorin, J. *see* Ballo, D. 66642
Gorin, V.I., D'yakov, A.F., Nechaev, V.V., Ol'khovskii, G.G. Electric energy from fossil fuels 89626
Gorina, M.M., Ovchinnikov, V.G. Diagnosis of the technical state of the receiving modules of a radio-optical antenna array 66154
Goring, R., Berner, W., Bernhard Kley, E. Miniaturized optical systems for beam deflection and modulation 50541
Goringe, M.J. *see* Hole, C.R.J. 82339
Goringe, M.J. *see* Jenkins, R.G. 72258
Gorini, B. *see* Fanti, V. 76788
Gorini, G. *see* Horvath, D. 53123
Gorini, G. *see* Krafcsik, I. 53122
Gorini, I. *see* Ferraris, F. 66194
Gorislavets, Yu.M., Erkenov, N.Kl. Calculation of electromagnetic parameters in induction channel equipment 90665
Goritchev, P. *see* Chen, M. 67340
Gorlanov, A.V., Dimakov, S.A., Kliment'ev, S.I., Orlova, I.B., Sventsitskaya, N.A. Cavity for a high-power technological Nd:YAG laser with two active elements 72967
Gorlanov, S.F., Ryvkina, G.G. Instrumentation for precisely measuring the superconducting transition and critical current in superconductors 53008
Gorlitz, W. *see* Anderson, B.E. 88246
Gorlov, Yu.I. *see* Onishchenko, A.M. 89632
Gorlushkina, N.N. *see* Sukhoparov, S.A. 97786
Gorlushkina, N.N. *see* Sukhoparov, S.A. 97998
Gorman, F.J. *see* Soicher, H. 83672
Gorman, G.L. *see* Tsann Lin 82241
Gorman, M.R. *see* Zavody, A.M. 77449
Gorman, R.J. *see* Nordquist, P.E.R., Jr. 79764
Gormley, J.E. *see* Martin, J.B. 88329
Gormley, J.E. *see* Martin, J.B. 98585
Gormley, M. *see* Sun, D. 67161
Gornall, S.J. *see* Sage, K.H. 95893
Gornik, E., Rauch, W., Solkner, G., Wolfgang, E. Superconductors in electronics 82349
Gornik, E. *see* Hauser, M. 62293
Gornik, E. *see* Heiss, W. 63853
Gorniker, E. *see* Arbuzov, V. 67173
Gornov, A.O., Kiselev, A.V. Improving the resolving power of safety and diagnostic systems for asynchronous motors 60201
Gornov, A.O. *see* Anisimov, V.A. 69084
Gornsztejn, T. *see* Davidovich, M.A. 81800
Gorny, D. *see* Baji, T. 70655
Gorobets, V.A., Kozlov, K.V., Petukhov, V.O., Tochitskii, S.Ya., Churakov, V.V. A CW CO laser with acoustooptical modulation of Q-switching 63665
Gorobets, V.A., Petukhov, V.O., Tochitsky, S.Ya., Churakov, V.V. A stabilized CW CO_2 (CO) laser automatically switched between generation lines 82915
Gorochov, O. *see* Ba, B. 71259
Gorochov, O. *see* Dumont, H. 48923
Gorochov, O. *see* Dumont, H. 69967
Gorochov, O. *see* Kuhn, W.S. 69942
Gorochov, O. *see* Qu'Hen, B. 70020
Gorodeisky, S., Friesem, A.A. Filter multiplexing for correlators by means of incoherent light 51713
Gorodetzky, P. *see* Baglin, C. 59083
Gorodnichev, E.E., Rogozkin, D.B. Coherent enhancement of light-pulse backscattering by random slab 73361
Gorodnitsky, I.F., Rao, B.D. A recursive weighted minimum norm algorithm: Analysis and applications 84299
Gorog, I. Displays for HDTV: direct-view CRT's and projection systems 52998
Gorokhov, K.V. *see* Bochkov, G.N. 73948
Gorokhovatskii, V.A. *see* Putyatin, E.P. 51704
Goronkin, H. *see* Walther, M. 81333
Goronlo, C. Experimental determination of performance of single-phase capacitor motor 78622
Goronlo, C. Measurement of parameters of saturated 3-phase cage induction motors 78628
Gorot, K.F. *see* Vashchuk, V.I. 56455
Gorpinchenko, S.D. *see* Arbuzov, V.L. 70132
Gorri, J.A. *see* Perez, R. 56174
Gorria, P. *see* Robert, M. 49483
Gorria, P. *see* Truchetet, F. 95853
Gorris, F. *see* Greife, U. 98550
Gorry, F. *see* Chapelon, J.Y. 98936
Gorsdorf, U. *see* Steinhagen, H. 99188
Gorshkov, A.S. On a method of the number-theoretic Mersenne transform 84185
Gorshkov, A.S. Method of fast multiplication modulo Fermat primes 84186
Gorski, J., Zimmer, B. Zero touch up eliminates phototool defects 92770
Gorski, T. *see* Panescu, D. 67385
Gorsky, N.D. Experiments with handwriting recognition using holographic representation of line images 84828
Gorsky, O.I., Dzenzersky, V.A., Lyashenko, V.I., Shustov, G.R., Zeldina, E.A. The low-temperature superconducting magnet suspension system 82514
Gorsky, V.B. *see* Bugaev, A.S. 93877
Gorter, R.J., Van Swieten, A., Veltman, A., Van Den Bosch, P.P.J. Modelling and control of a HERA joint 60240
Gorter, R.J.A., Veltman, A., van den Bosch, P.P.J. Skin effect impact on induction motor parameters estimation using an output-error identification method 100138
Gorter, R.J.A. *see* Veltman, A. 100849
Gortler, S.J. *see* Schroder, P. 64768
Gorton, E.K. *see* Mason, P.D. 73038
Gorur, A. A novel coplanar slow-wave structure 49629
Gorur, A., Karpuz, C., Lancaster, M.J. Modified coplanar meander transmission line for MMICs 70928
Gorwadkar, S., Gangal, S. Two dimensional in-situ e-beam intensity profile monitoring method for SEM/EBL test system 81700
Gorwadkar, S., Vinogradov, G.K., Senda, K., Inanami, R., Shao, C., Morita, S. Synthesis and patterning of 2-10 nanometer pinhole free organic films 79992
Goryachev, V.L. *see* Voronov, A.M. 55503
Goryainov, N.A. *see* Akimov, V.A. 53286
Goryn, D. *see* Strobach, P. 84391
Gorys, L.T. FDDI fiber optic digital networks 86312
Gosbell, V.J. *see* Khodabakhshian, A. 59770
Goschenhofer, F. *see* Becker, C.R. 61260
Goschnick, J. *see* Althainz, P. 52965
Goschnick, J. *see* Althainz, P. 52966
Goschnick, J. *see* Althainz, P. 98174
Goscinski, A.M. *see* Panadiwal, R. 74923
Gosele, U. *see* Kirstaedter, N. 83054
Gosele, U. *see* Qin-Yi Tong 62381
Gosele, U. *see* Steckl, A.J. 61385
Gosele, U. *see* Tong, Q.-Y. 49843
Gosele, U. *see* Tong, Q.-Y. 93083
Goser, K. *see* Thewes, R. 62818
Goser, K. *see* Ungering, A.P. 49493
Goshima, H., Suzuki, T., Hayakawa, N., Hikita, M., Okubo, H. Dielectric breakdown characteristics of cryogenic nitrogen gas above liquid nitrogen 63070

Goshima, H. *see* Hirose, M. 63288
Goshima, H. *see* Mathes, K.N. 63071
Gosling, R.G. *see* Lehmann, E.D. 53373
Gospodinov, M. *see* Dobreva, S. 93030
Goss, G.J. Automated X-ray inspection of semiconductor die-attach 91106
Gossard, A.C., Fafard, S. Quantum-engineering of III-V semiconductor structures 91443
Gossard, A.C. *see* Allen, S.J. 71163
Gossard, A.C. *see* Guimaraes, P.S.S. 49797
Gossard, A.C. *see* Hu, S.Y. 94452
Gossard, A.C. *see* Hu, S.Y. 94467
Gossard, A.C. *see* Hu, S.Y. 94501
Gossard, A.C. *see* Ibbetson, J.P. 54839
Gossard, A.C. *see* Sundaram, M. 81269
Gosse, B. *see* Nemamcha, M. 82175
Gosse, J.P. *see* Nemamcha, M. 82175
Gosse, T. Reverse pulse charging—an overview of current research programs 68963
Gosse, W. *see* Ahmed, M.J. 86219
Gosselin, A., Boduch, P., Hennecart, D., Hicham, S., Husson, X., Lecler, D., Lepoutre, A., Cassimi, A., Grandin, J.P. Test of a recoil ion source at GANIL medium energy facility 87953
Gosselin, G. *see* Patin, Y. 71746
Gosselin, O. *see* Bouzekri, H. 89857
Gossen, C.A. *see* Tetzlaff, K.H. 68994
Gosset, L. *see* Authier, M. 59133
Gosset, L. *see* Gingrich, D. 53291
Gossling, C. *see* Anghinolfi, F. 88228
Gossling, C. *see* Bates, S.J. 53308
Gossling, C. *see* Borer, K. 53347
Gossling, C. *see* Borer, K. 76790
Gossling, C. *see* Borer, K. 98687
Gossling, M. The properties of SMD adhesives 60976
Gosslings, C. *see* Anghinolfi, F. 98663
Gossmanm, H.J. *see* Poate, J.M. 82053
Gossmann, H.-J., Rafferty, C.S., Vredenberg, A.M., Luftman, H.S., Unterwald, F.C., Eaglesham, D.J., Jacobson, D.C., Boone, T., Poate, J.M. Response to "Comment on 'Time dependence of dopant diffusion in δ-doped Si films and properties of Si point defects'" [Appl. Phys. Lett. 65, 1320 (1994)] 81422
Gossmann, H.-J. *see* Karunasiri, R.P.U. 81458
Gossmann, H.J. *see* Poate, J.M. 81198
Gossner, H., Baumgartner, H., Hammerl, E., Wittmann, F., Eisele, I., Heinzel, T., Lorenz, H. Self-organizing growth of nanometer mesa structures on silicon (100) substrates 62593
Gossner, H., Eisele, I., Risch, L. Vertical Si-metal-oxide-semiconductor field effect transistors with channel lengths of 50 nm by molecular beam epitaxy 62742
Gostein, M., Sitz, G.O. Eliminating microchannel plate response to scattered laser light in a multiphoton ionization experiment 80121
Gostev, V.I., Svatov, V.F., Kurzhos, V.I. Multilevel digital control devices for two-phase induction motors 89965
Gostyukhin, V.Y., Trusov, V.N. Spread in pulse edge durations and module phase shifts in active phased antenna arrays 57285
Goswami, B., Mitra, T.K., Basu, D.K., Basu, S.K., Mitra, M., Nag, B. Database generation from ECG records using AutoCAD application package 88481
Goswami, D. *see* Hillegas, C.W. 56836
Goswami, S. *see* Gutierrez-Aitken, A.L. 63583
Goswami, S.K., Basu, S.K. A computer package for teaching relay coordination and loop based network solution 78190
Goswami, T.D. *see* Bhattacharjee, B. 88155
Gothard, G.K., Vechinski, D.A., Rao, S.M. Computational methods in transient electromagnetics. A selective survey 64125
Goto, A. *see* Egawa, K. 78174
Goto, A. *see* Kamigaito, O. 59029
Goto, A. *see* Matsuda, S. 55945
Goto, E. *see* Jeffery, M. 50410
Goto, E. *see* Jeffery, M. 63305
Goto, F. *see* Goto, Y. 62799
Goto, H. High performance micro photonic devices with micro actuator 50708
Goto, H. *see* Ohtsubo, Y. 100183
Goto, H. *see* Shirasaki, S. 58082
Goto, H. *see* Soeda, K. 61704
Goto, H. *see* Tohyama, S. 98089
Goto, J. *see* Nomura, M. 49485
Goto, J. *see* Suzuki, K. 92288
Goto, K., Miki, S. A new railway ticket system using contactless IC cards 52323
Goto, K., Uesugi, F., Takahashi, S., Takiguchi, T., Omura, E., Mihashi, Y. Zn-diffusion-induced disordering of InGaAs/AlGaInAs multiple quantum well and its application to long-wavelength laser 93024
Goto, K., Yamazaki, T., Fushida, A., Inagaki, S., Yagi, H. Optimization of salicide processes for sub 0.1-μm CMOS devices 71420
Goto, K., Yamazaki, T., Nara, Y., Fukano, T., Sugii, T., Arimoto, Y., Ito, T. Ti salicide process for subquarter-micron CMOS devices 49923
Goto, K., Yukutake, K., Ishihara, T. Asymptotic analysis of transient electromagnetic fields in semicylindrical concave conducting boundary 64134
Goto, K. *see* Hirano, R. 86361
Goto, K. *see* Honma, F. 61243
Goto, K. *see* Mihashi, Y. 63606
Goto, K. *see* Watanabe, K. 82313
Goto, K. *see* Yamazaki, T. 93422
Goto, M., Barnes, J.O., Owens, R.E. CMOS programmable delay vernier 92335
Goto, M., Muraoka, Y. A sound source separation system for percussion instruments 73935
Goto, M., Sakai, T., Arai, T. Plasma parameters in low-pressure Ar-Hg discharge plasma used for liquid crystal display back-lighting 72472
Goto, M. *see* Fujita, H. 68098
Goto, M. *see* Fujita, H. 99579
Goto, M. *see* Koh, M. 71682
Goto, M. *see* Koh, M. 91110
Goto, M. *see* Matsukawa, T. 61711
Goto, M. *see* Murakami, A. 67296
Goto, M. *see* Nakamura, O. 53054
Goto, N., Nemoto, K. ASE simulation of copper bromide vapor laser 82905
Goto, N. *see* Demura, T. 92280
Goto, N. *see* Hatayama, Y. 72410
Goto, N. *see* Hirokawa, J. 94962
Goto, N. *see* Hosono, S. 65660
Goto, N. *see* Jun-ichi Takada 83860
Goto, N. *see* Natsuhara, K. 94958
Goto, N. *see* Nemoto, K. 94574
Goto, N. *see* Sakakibara, K. 64237
Goto, N. *see* Takahashi, M. 80386
Goto, S., Murai, S., Honda, Y. Calibration of arable land and wood and forest area based on NDVI seasonal change using Agricultural Atlas in Asia 67903
Goto, S., Nomura, Y., Morishita, Y., Katayama, Y., Ohno, H. Effect of hydrogen radicals on the reduction of carbon incorporation into GaAs grown by using trimethylgallium 79782
Goto, S. *see* Yamauchi, O. 86336
Goto, T. *see* Hirai, T. 93064
Goto, T. *see* Kitamura, O. 71331
Goto, T. *see* Kitamura, O. 71343
Goto, T. *see* Nishi, T. 85668
Goto, T. *see* Nishizawa, N. 94058
Goto, T. *see* Nojiri, H. 83575
Goto, T. *see* Okabe, H. 82367
Goto, T. *see* Sawada, A. 98273
Goto, T. *see* Shichi, Y. 93708
Goto, T. *see* Usami, K. 93962
Goto, T.A. *see* Ishihara, T. 50793
Goto, Y., Goto, F., Homma, A., Oogushi, H., Kuwata, T., Murayama, M. A 0.30 μm buried channel PMOS FET with surface-pocket drain structure 62799
Goto, Y. *see* Kato, T. 68175
Goto, Y. *see* Nanayakkara, N. 78519
Goto, Y. *see* Yue-Jin Tang 68283
Gotoda, M., Sugimoto, H., Nomura, Y., Isu, T., Nunoshita, M., Maruno, S. Selectively embedded growth by chemical beam epitaxy for the fabrication of InGaAs/InP double-heterostructure lasers 61300
Gotoda, M. *see* Tsukada, N. 93002
Gotoh, F. *see* Fujisawa, N. 89764
Gotoh, H. *see* Watanabe, M. 94464
Gotoh, J. *see* Migita, M. 72629
Gotoh, K. *see* Jun, B. 77423
Gotoh, K. *see* Wouthuyzen, S. 77489
Gotoh, M., Chien-Yuan Chen, Karube, I. Ethanol biosensor utilizing double membrane 66505
Gotoh, N. *see* Tsubota, T. 61643
Gotoh, S. A new method for generating a low-distortion n-tone signal 98177
Gotoh, S. *see* Kuromori, K. 98367
Gotoh, T. Color reproduction of video printer 52691
Gotoh, T. *see* Kawaji, S. 71159
Gotoh, T. *see* Murai, H. 56458
Gotoh, Y. On multipliers for BMO_ϕ on general domains 91178
Gotoh, Y., Yoshida, K., Kawai, T., Fukayama, N., Ogata, Y., Tsuji, H., Ishikawa, J. Operational characteristics of the impregnated-electrode-type liquid-metal ion source with multiple tip and reservoirs 53249
Gotoh, Y. *see* Baba, S. 85669
Gotoh, Y. *see* Sato, K. 100533
Gotoh, Y. *see* Shukuri, S. 61713
Gotoh, Y. *see* Tsuji, H. 53202
Gotoh, Y. *see* Tsuji, H. 67266
Gotou, Y. *see* Wada, Y. 55573
Gotra, Y. *see* Bacchetta, N. 76768
Gotra, Yu. *see* Bacchetta, N. 88106
Gotra, Yu. *see* Bacchetta, N. 93447
Gotsman, C. Constant-time filtering by singular value decomposition 64769
Gott, G.F., Chan, S.K., Pantjiaros, C., Brown, J., Laycock, P.J., Broms, M., Boberg, S. Recent work on the measurement and analysis of spectral occupancy at HF 94831
Gott, R.M., Martinez, A.B. Estimation of the composite roughness model parameters 77338
Gottardi, G. *see* Bolisani, E. 96293
Gotte, B. *see* Himpe, U. 66771
Gottesman, O., Shoham, Y. Real-time implementation of high-quality wideband-audio LD-CELP coder at 32 kb/s using two DSP hardware 75125
Gottfert, R. An acceleration of the Niederreiter factorization algorithm in characteristic 2 48847
Gottfried, N.H. *see* Leonhardt, R. 72724
Gottfried-Gottfried, R. Thermal behaviour of CMOS Hall sensors for different operating modes 66190
Gottfried-Gottfried, R. *see* Muller, M. 66322
Gottfried-Gottfried, R. *see* Sauer, B. 62504
Gottlieb, A. *see* Schenfeld, E. 50640
Gottlieb, G.L. *see* Robinson, C.J. 67448
Gottlieb, M., Singh, N.B., Hopkins, R.H., Mazelsky, R. Noncollinear acousto-optic tunable filter: thallium phosphorus selenide system 82756
Gottschalch, V. *see* Becher, S. 70059
Gottschalch, V. *see* Becher, S. 91506
Gottschalk, G., Baur, K., Dressler, H. Variotram—the light rail concept of the future 69147
Gottschalk, H. Signalling-technological connection of digital mobile radio networks to Telekom's fixed network 65694
Gottschalk, H. *see* Seixas, J.M. 87644
Gottumukkala, K.R. *see* Gutti, C.S. 71091
Gottwald, G. *see* Rostan, F. 57279
Gottzein, E. *see* DeBra, D.B. *(editor)* 48565
Gotwols, B.L., Thompson, D.R. Ocean microwave backscatter distributions 67839
Gotwols, B.L., Thompson, D.R., Chapman, R.D. Ocean backscatter distribution functions at mid incidence 99219
Gotwols, B.L. *see* Chapman, R.D. 88802
Gotwols, B.L. *see* Chapman, R.D. 99220
Gotwols, B.L. *see* Thompson, D.R. 67838
Gotwols, B.L. *see* Thompson, D.R. 99221
Gotz, M., Thieme, P., Bluthner, K., Krech, W., Born, D., Gotz, S., Fuchs, H.-J., Kley, E.B., Wagner, Th., Eska, G. Preparation of small-area $Al/AlO_x/Al$ tunnel junctions in a self-aligned in-line technology and observation of the Coulomb blockade 63322
Gotz, M. *see* Domingo, J. 57940
Gotz, M. *see* Fluckiger, R. 100530
Gotz, S. *see* Gotz, M. 63322
Gotz, W., Johnson, N.M., Amano, H., Akasaki, I. Deep level defects in n-type GaN 71207
Gotze, J., Paul, S., Sauer, M. A CORDIC-based Jacobi-like algorithm for eigenvalue computation 84273
Gotze, J. *see* Ali, M. 84412
Gou, G.K. *see* Ding, C.Q. 89651
Gou San-Kui *see* San-Kui Gou
Gou Zhenhui *see* Zhu Shengyun 88331
Gou-Chung Chi, Cheng Juang GaAs/AlGaAs quantum well infrared detectors with an integral silicon grating 66319
Gouard, P. *see* Bourdier, A. 50873
Goubeau, A., Scheuerer, K., Juraschek, S. Advancements in electric propulsion systems at BMW 78986
Goubing Zhang *see* Zhang Goubing
Goud, C.B., Amaratunga, G.A.J. Lateral hybrid emitter short MOS controlled thyristor 62737
Goud, C.B., Bhat, K.N. Analysis and optimal design of semi-insulator passivated high-voltage field plate structures and comparison with dielectric passivated structures 93155
Goud, P.A. *see* Zhuang, W. 86187
Gouda, M.G. *see* Abdel-Wahab, H.M. 96226
Goudonnet, J.P. *see* Hosain, S.I. 50455
Gouesbet, G. *see* Ren, K.F. 94722
Gouezigou, O.Le *see* Le Gouezigou, O.
Gougas, A. *see* Adam, A. 88087
Gougas, A. *see* Adam, A. 88102
Gougas, A. *see* Adriani, O. 88023
Gougas, A. *see* Ahlen, S. 98641
Gougas, A.K. *see* Chen, M. 67349
Gough, M.P. *see* Oberhardt, M.R. 88633
Gough, P.T. A fast spectral estimation algorithm based on the FFT 64481
Gouguec, T.Le *see* Le Gouguec, T.
Gouhara, S. *see* Endo, N. 85252
Gouker, M.A., Beaudette, R.G., Delisle, J.T. A hybrid-circuit tile-approach architecture for high-power spatial power-combined transmitters 73486
Gouker, M.A., Beaudette, R.G., Delisle, J.T. A hybrid-circuit tile-approach architecture for high-power spatial power-combined transmitters 80802
Gould, D.Z. *see* Candeas, B.G. 92754
Gould, H. *see* Feinberg, B. 87833
Gould, J. An introduction to electronic mail systems 52051
Gould, N. *see* Conn, A.R. 69752
Gould, R.D., Benedict, L.H. Comparison of length scale estimates for a sudden expansion flow estimated from spatial and auto correlation LDV measurements 98369
Gould, R.D., Hassan, A.K., Mahmood, F.S. Electronic properties of zinc oxide thin films prepared by RF magnetron sputtering for varistor applications 70934
Gould, R.D. *see* Deraman, K. 71133
Gould, R.D. *see* Gravano, S. 71256
Gould, R.D. *see* Williams, E.W. 76099
Gould, R.W. *see* Moeller, C.P. 51231
Goulden, C., Grantham, D., Swift, J. Internal customer driven quality at Bowater Containers 54559
Goulding, F. *see* LeGros, M. 67306

Goulding, F.S., Landis, D.A. GAMMASPHER-E—correction technique for detector charge trapping 88230
Goulding, F.S., Landis, D.A. GAMMASPHER-E—correction technique for detector charge trapping 98582
Goulding, F.S., Landis, D.A., Madden, N., Maier, M., Yaver, H. GAMMASPHERE—timing and signal processing aspects of the BGO Compton shield 88065
Goulding, F.S., Landis, D.A., Madden, N., Maier, M., Yaver, H. GAMMASPHERE—elimination of ballistic deficit by using a quasi-trapezoidal pulse shaper 88229
Goulding, F.S., Landis, D.A., Madden, N., Maier, M., Yaver, H. GAMMASPHERE—timing and signal processing aspects of the BGO Compton shield 98619
Goulding, F.S., Landis, D.A., Madden, N., Maier, M., Yaver, H. GAMMASPHERE - elimination of ballistic deficit by using a quasi-trapezoidal pulse shaper 98682
Goulding, M.R. *see* Augustus, P.D. 81380
Goulding, R.H., Hoffman, D.J., Ryan, P.M., Bosia, G., Bures, M., Start, D., Wade, T., Petty, C.C., Pinsker, R.I. Power compensators for phased operation of antenna arrays on JET and DIII-D 51271
Goulding, R.H. *see* Ryan, P.M. 51272
Goulding, R.R.J. *see* Carelli, G. 82933
Gouldsborough, T.W. ANC: the noise solution [transformer substation noise abatement] 60395
Goulianos, K. *see* Demortier, L. 59090
Goulon, J. *see* Gauthier, C. 98713
Goulon, J. *see* Giles, C. 98716
Goumillou, D. *see* Callemyn, J.M. 75153
Gounelle, C. *see* Giroux, F. 62509
Goung Loung *see* Loung Goung
Gouno, E., Deleuze, G., Brizoux, M., Robert, C. Bayesian approach of failure rate estimation in field conditions through accelerated testing 91156
Gourber, J.-P. *see* Billan, J. 66859
Gourber, J.P. *see* Billan, J. 76566
Gourbiere, E., Lambrozo, J., Folliot, D., Gary, C. After-effects of lightning accidents 77094
Goure, J.P. *see* Magne, S. 72732
Goure, J.P. *see* Ramos, M. 94169
Goure, J.P. *see* Ronot, C. 66522
Gourlay, J. *see* Underwood, I. 56444
Gourlay, S. *see* Jaffery, T.S. 76656
Gourley, P.L. Microstructured semiconductor lasers for high-speed information processing 94511
Gourley, P.L., Lear, K.L., Schneider, R.P., Jr. A different mirror 72977
Gourley, R. *see* Moore, W. 52001
Gourmelon, G. *see* Appourchaux, T. 56287
Gournay, P. *see* Lesaint, O. 82122
Goussiou, A. *see* Fordham, C. 59184
Goutis, C. *see* Soudris, D. 70402
Goutis, C. *see* Tatsaki, A. 80394
Goutisi, S. *see* Horianopoulos, S.L. 49560
Goutsias, J. *see* Potamianos, G. 85046
Goutsias, J. *see* Xuan Kong 64727
Goutte, R. *see* Akrout, N.M. 74463
Goutte, R. *see* Baskurt, A. 88465
Goutte, R. *see* Baskurt, A. 95798
Goutzoulis, A., Davies, K., Zomp, J., Hrycak, P., Johnson, A. A hardware-compressive fiber-optic true time delay steering system for phased-array antennas 95030
Gouvea, P.M.P., Margulis, W. Annealing experiments in frequency-doubling fibers 83256
Gouveia-Neto, A.S. *see* Lyra, M.L. 56346
Gouveia-Neto, A.S. *see* Lyra, M.L. 73019
Gouy, J.P., Mezzour, S., Dogheche, E., Vilcot, J.P., Decoster, D. Narrow bandwidth matching of microwave photodetectors 72611
Gouy, J.P. *see* Peredo, E. 50674
Govaerts, B. *see* Haest, M. 65916
Govaerts, R. *see* Daemen, J. 73759
Govaerts, R. *see* Preneel, B. 83953
Govaerts, W. Solution of bordered singular systems in numerical continuation and bifurcation 69848
Govaerts, W., Pryce, J.D. Mixed block elimination for linear systems with wider borders 48850
Gove, R. *see* Markandey, V. 86686
Gove, R.J. The MVP: a highly-integrated video compression chip 55314
Gove, R.J. *see* Woobin Lee 75714
Gover, J. *see* Bronzino, J.D. 67430
Govila, R. *see* Lau, J. 92792
Govila, R.K., Jih, E., Pao, Y.-H., Larner, C. Thermal fatigue damage in the solder joints of leadless chip resistors 69561
Govind, N., Hasan, A.R. Fuzzy logic speed controller for an industrial size DC motor 90021
Govindan, R., Rao, A.S. Optimal strategies for recognizing polygonal parts 97808
Govindan, T.R. *see* Grubin, H.L. 62641
Govindan, T.R. *see* Grubin, H.L. 62913
Govindarajan, M., Siala, S., Nottenburg, R.N. 12×622 Mbit/s, DC coupled synchronous optical receiver array for parallel digital datalinks 75402
Govindarajan, M. *see* Siala, S. 72848
Govindarajan, M. *see* Siala, S. 75398
Govindarajan, R., Gao, G.R., Desai, P. Minimizing memory requirements in rate-optimal schedules 80340
Govindarajan, S.N. *see* Berry, F.C. 53588
Govindaraju, V. *see* Setlur, S. 84832
Govorkov, A.V. *see* Dolginov, L.M. 93150
Govorkov, A.V. *see* Polyakov, A.Y. 71217
Govorov, P.P. *see* Oshkanov, N.N. 99914
Gow, C. *see* Kunesh, R.F. 62374
Gowar, J. *see* Williams, R. 60289
Gowda, R.G., Satterthwaite, C.P. Management issues in developing reusable avionics software 88674
Gowda, S.M., Sheu, B.J. BSIM plus: an advanced SPICE model for submicron MOS VLSI circuits 82087
Gowdy, J.N. *see* Wu, D. 95289
Gowdy, S. *see* Beaumont, S.P. 88037
Gowen, P. *see* Veale, F.J., Jr. 60750
Gower, D.W. *see* Casali, J.G. 97710
Gower, E. *see* Curtin, M. 68742
Gower, J.F.R. Surface feature visibility in ERS-1 SAR images of the west coast of Canada 77564
Gower, M.C. *see* Mihailov, S.J. 56329
Goy, P. Antenna vector characterization in the mm- and submm-wave regions 76178
Goyal, I.C. *see* Kumar, A. 63428
Goyal, N. *see* Lal, M. 63546
Goyal, R. Managing signal integrity [PCB design] 55463
Goyal, R. Designing a 100 MHz SPARC dual processor using MCM-L packaging technology and microwave design techniques 81109
Goyer, J.R. *see* Swanekamp, S.B. 90287
Gozani, S.N., Miller, J.P. Optimal discrimination and classification of neuronal action potential waveforms from multiunit, multichannel recordings using software-based linear filters 67537
Gozen, T. *see* Ikunishi, S. 63453
Gozen, T. *see* Kohga, K. 66044
Gozewski, C. *see* Domash, L. 56322
Gozzo, F. Recursive least-squares sequence estimation 73934
Gozzo, F. *see* Abrami, A. 98715
Graaf, C.N.De *see* De Graaf, C.N.
Graaf, G.de *see* de Graaf, G.
Graaf, M.de *see* de Graaf, M.
Graaf, M.J.de *see* de Graaf, M.J.
Graaff, H.C.de *see* de Graaff, H.C.
Graaff, R. *see* Koelink, M.H. 76940
Graaff, R. *see* Koelink, M.H. 87551
Graas, C.D. Integrated process design effects on the mechanical behavior of layered interconnects 71406
Graas, C.D., Le, H.A., McPherson, J.W., Havemann, R.H. Electromigration reliability improvement of W-plug vias by titanium layering 62514
Graas, F.Van *see* Van Graas, F.
Graauw, M.M.W.M.de *see* de Graauw, M.M.W.M.
Graauw, M.W.M.de *see* de Graauw, M.W.M.
Grab, C. *see* Gabathuler, K. 59070
Grabak, O., Johannessen, J.A., Krogstad, H.E. Characterization of wind fronts in SAR images 77351
Grabandt, O., Steyn, E.T., von Leeuwen, J.H. New insights in the mechanical performance of twaron reinforced optical fiber cables by the application of advanced techniques 52516
Grabbe, P. *see* Soole, J.B.D. 52553
Graber, J., Barnes, P., Crawford, C., Kirchgessner, J., Moffat, D., Padamsee, H., Schmuser, P., Sears, J. An update on high peak power (HPP) RF processing of 3 GHz nine-cell niobium accelerator cavities 67093
Graber, J., Barnes, P., Flynn, T., Kirchgessner, J., Knobloch, J., Moffat, D., Muller, H., Padamsee, H., Sears, J. Microscopic investigation of RF surfaces of 3 GHz niobium accelerator cavities following RF processing 67094
Graber, J., Barnes, P., Kirchgessner, J., Moffat, D., Padamsee, H., Sears, J. A world record accelerating gradient in a niobium superconducting accelerator cavity 67095
Graber, J. *see* Kamp, M. 81428
Graber, J. *see* Kirchgessner, J. 67104
Graber, Z., Williams, M., Correia, J., Smith, S., Gonzalez, Y. Application of Signal Processing WorkSystem simulation to interference analysis 75189
Grabherr, W., Huder, W.G.B., Menzel, W. Microstrip to waveguide transition compatible with MM-wave integrated circuits 80749
Grable, D.A. Almost all linear spaces and partial t-designs have trivial automorphism groups 91275
Grabmaier, A. *see* Hillmer, H. 86408
Grabner, F. Analysis of unstable states in temperature control loops 69243
Grabner, G. *see* Kautek, W. 67613
Grabner, P.J., Tichy, R.F. Remarks on statistical independence of sequences 91179
Grabois, M. Good design enables hot insertion of power supplies 68759
Grabow, B.E., Boone, B.G. Microwave response measurement and modeling of high temperature superconducting thin film detectors 63310
Grabow, B.E., Boone, B.G., Sova, R.M. Modeling and analysis of high-temperature superconducting thin-film detectors 56286
Grabow, J. *see* Dickson, J.F. 79384
Grabski, G. *see* Prince, J.C. 76128
Gracco, V. *see* Adam, W. 88114
Grace, D. *see* Cohen, S. 69369
Grace, J.W., DiPietro, D.M., Kishida, A., Kinsho, K. Integrated pin electronics for automatic test equipment 97780
Grace, K.M. *see* Sweet, M.R. 80204
Grace, K.W., Colgate, J.E., Glucksberg, M.R., Chun, J.H. A six degree of freedom micromanipulator for ophthalmic surgery 53443
Grace, N.V. *see* Van Den Bosch, A. 92710
Grace, S.R. Oscillation theorems of comparison type of delay differential equations with a nonlinear damping term 91384
Grace, S.R. *see* Lalli, B.S. 54786
Grach, S.M. *see* Leyser, T.B. 94822
Grachev, A.P. *see* Goncharov, I.G. 52934
Grachev, V.M. *see* Ulin, S.E. 88134
Gracht, J.van der *see* van der Gracht, J.
Gracia, F.J. *see* Ayerdi, I. 66191
Gracia, F.J. *see* Obieta, I. 66217
Gracia, I. *see* Cane, C. 55614
Gracia, I. *see* Fonseca, L. 81557
Gracia, I. *see* Lozano, M. 55849
Gracias, D.J. Historical review of UK MV (11-33 kV) cable designs 59956
Gracon, H., Clark, M. Layoffs should come last 69443
Grader, G.S. *see* Meerovich, V. 63331
Gradin, L.P., Burstein, N.M. Assessment of containment fan cooler degradation by motor current signature analysis 99892
Gradin, L.P., Cartwright, W.B., Burstein, N.M. Test method improves motor bearing wear assessment at Calvert Cliffs 78281
Gradin, L.P., Jaskolowski, P. Assuring adequacy of motor repairs for nuclear power plants 99849
Gradin, L.P., Savino, S.P. Performance based quality effectiveness assessment for CGI dedication [nuclear plants] 99857
Gradinaru, G., Madangarli, V.P., Sudarshan, T.S. The influence of the semiconductor and dielectric properties on surface flashover in silicon-dielectric systems 72592
Gradischnig, K.D. *see* Franz, R. 51920
Grado, A. *see* Bernini, U. 52878
Grado Caffaro, M. *see* Grado Caffaro, M.A. 62199
Grado Caffaro, M. *see* Grado Caffaro, M.A. 62900
Grado Caffaro, M. *see* Grado Caffaro, M.A. 65750
Grado Caffaro, M. *see* Grado Caffaro, M.A. 65845
Grado Caffaro, M. *see* Grado Caffaro, M.A. 83073
Grado Caffaro, M. *see* Grado Caffaro, M.A. 94529
Grado Caffaro, M.A., Grado Caffaro, M. A new mathematical model for cluster calculation in tetrahedrally bonded amorphous semiconductors 62199
Grado Caffaro, M.A., Grado Caffaro, M. New results on the noise figure of HEMTs 62900
Grado Caffaro, M.A., Grado Caffaro, M. An algebraic modelisation for fiber optic transmission at the far infrared range 65750
Grado Caffaro, M.A., Grado Caffaro, M. New results on bandwidth of GaAs PIN photodiodes 65845
Grado Caffaro, M.A., Grado Caffaro, M. Minimal pump energy in a semiconductor laser with coherent feedback 83073
Grado Caffaro, M.A., Grado Caffaro, M. A brief note on coherent feedback in semiconductor lasers 94529
Gradoboeva, N.A., Belikov, V.I., Chaikin, D.S., Kozlova, L.N. Normalization of parameters and test methods for television zoom lenses 86701
Gradoboeva, N.A., Karlsbrun, R.M., Chaikin, D.S. Work at the State Optical Institute on creating and developing photographic and television optics with variable characteristics 86700
Grady, J.K. *see* Ying Sun 51504
Grady, W.M. *see* Chang, W.K. 77988
Grady, W.M. *see* Chang, W.K. 89236
Grady, W.M. *see* Mansoor, A. 89235
Grady, W.M. *see* Morrison, J.O. 68340
Graeb, H.E. *see* Eisenmann, W.T. 91823
Graebner, J.E. *see* McCormack, M. 49764
Graedel, T.E. Prioritizing impacts: the second stage of life cycle assessment 90892
Graef, D. *see* Mertens, P.W. 71400
Graef, H. *see* Fischer, M. 82845
Graeff, C.F.O., Chambouleyron, I. Structural and optoelectronic properties of Ge-rich hydrogenated amorphous silicon-germanium alloys 81247
Graeff, C.F.O., Chambouleyron, I., Stutzmann, M. The recombination process in hydrogenated amorphous silicon germanium alloys 49783
Graeff, C.F.O., Stutzmann, M., Brandt, M.S. Spin-dependent photoconductivity in hydrogenated amorphous germanium and silicon-germanium alloys 56519
Graessle, S., Lang, K., Lockmann, A., Marcin, M.R., Ritchie, J.L., Vassilakopoulos, V. A high

resolution planar straw tracking chamber system 59062
Graetz, T., Schlussler, J.-U., Klix, W., Dittmann, R., Spallek, R.G. Program system for the simulation of the technology and electrical behaviour of electronic components and its integration into the design process 80069
Graeve, J.de *see* de Graeve, J.
Graf, A. Signal Generator SMHU 58 for applications at university 52976
Graf, A. Harness the power of VHDL for PLD design 92117
Graf, B. *see* Patterson, B.D. 63594
Graf, C. *see* Roper, M. 88208
Graf, D. Telephone terminals for SwissNet 2 52261
Graf, D.A., Zhaofeng Huang Inspection-planning development: an evolutionary approach using reliability engineering as a tool 54557
Graf, F.R. *see* Maniloff, E.S. 56318
Graf, H.-D. *see* Buschhorn, G. 76859
Graf, H.H., Heine, M., Konig, D., Sorgel, R. Load flow calculations with time-based loading curve indication 59893
Graf, J. *see* Bhandal, A.S. 69179
Graf, J.G. *see* Frey, W.J. 79059
Graf, J.T., Hubing, N. Dynamic time warping comb filter for the enhancement of speech degraded by white Gaussian noise 84044
Graf, M., Sandvoss, J., Stuttgen, H.J. Media scaling in ATM networks 85531
Graf, M. *see* Oechsle, R. 51814
Graf, M.J., Bakshi, P., Dong, F., Kempa, K. Current-driven plasma instabilities in superconducting systems 63293
Graf, O., Jones, M., Sisco, F. Application of a mass storage system to science data management 52127
Graf, T. *see* Pfeiffer, W. 89218
Graf, T. *see* Pollnau, M. 56662
Graf von Haslingen, T. *see* Padgett, M.L. 85094
Grafe, V. *see* Dreimann, E. 60388
Graff, C.J., Liebman, E. Concepts for an adaptive network planner for the localized access area (LAA) for battlefield information system (BIS) 2015 88908
Graff, P. *see* Fournier, H. 65509
Graffeuil, J. *see* Chroboczek, J.A. 62882
Graffeuil, J. *see* Dienot, J.M. 80717
Graffeuil, J. *see* Escotte, L. 80667
Graffeuil, J. *see* Llopis, O. 80718
Graffeuil, J. *see* Verdier, J. 62885
Graffi, S. *see* Kovacs-Vajna, Z.M. 50055
Graffmann, E. *see* Hoenen, F. 88137
Grafham, D. *see* Dierberger, K. 59876
Grafstrom, P., Beier, T., Blumer, H., Mehren, T., Renk, B., Staeck, J., Zeitnitz, O., Calvetti, M., Cenci, P., Pepe, M., Punturo, M., Setzu, M.G., Talamonti, C., Taurok, A. A proton tagging detector for the NA48 experiment 76786
Grafstrom, P. *see* Beier, T. 53305
Grafstrom, P. *see* Elsener, K. 67194
Grafstrom, S. *see* Freund, J. 61406
Gragg, W.B. *see* Faybusovich, L. 73985
Graglia, D. *see* Ghione, G. 73264
Graglia, R.D. *see* Ghione, G. 83613
Gragnani, G.L. *see* Caorsi, S. 51584
Gragnani, G.L. *see* Caorsi, S. 73276
Gragson, D.E. *see* Fischer, P.R. 93065
Grah, A., Todd, T.D. Simplified photonic bus and ring networks using a headend controller 65315
Graham, A. Powering the outside plant 90110
Graham, A. *see* Hughes, J.R. 98226
Graham, C.D., Jr. *see* Li, L. 50185
Graham, C.E. *see* Tang, C.K. 89009
Graham, F.D. *see* Chien, Y.K. 68902
Graham, G. *see* Horwitz, A. 99400
Graham, J. *see* Cummings, W.J. 64116
Graham, J.D. *see* Bandy, D.K. 82881
Graham, J.T. *see* Sherrit, S. 56102
Graham, M.G., Paulos, J.J., Nychka, D.W. Compact table-based MOSFET model 56001
Graham, M.J. *see* Anderson, G.W. 71342
Graham, M.J. *see* Lu, Z.H. 62470
Graham, M.L., O'Brien, F., Gong, K.F., Hammel, S.E. Adaptive filtering in underwater tracking with correlated measurement noise 75666
Graham, M.M. *see* Costa, W.L.S. 98835
Graham, M.R. *see* Thomas, S.R. 99070
Graham, R. *see* Padovan, G. 57311
Graham, R.A. *see* Bauer, F. 58676
Graham, R.A. *see* Kotulski, J.D. 87111
Graham, R.E., DuFore, V.J. Arrow mode reboost analysis for Space Station Freedom 59520
Graham, R.J. *see* Mathine, D.L. 54877
Graham, T., Berry, J., Hart-Davis, A. A study examining the use of video in the British mathematics classroom 86796
Graham, T. *see* Dowling, K. 53488
Graham, T. *see* Manouchehri, D. 53490
Graham, T.C.N., Urnes, O. Relational views as a model for automatic distributed implementation of multi-user applications 96717
Graham, W.R. *see* Wang, Y.J. 88269
Grahann, G.M., Yang, J., Ume, C. Laser ultrasound directivity in CS-3 ceramic 55027
Grahn, H.T., Bertram, D., Lage, H., Von Klitzing, K., Ploog, K. Electroluminescence spectroscopy of resonant tunnelling in GaAs-AlAs superlattices 62270
Grahn, H.T. *see* Kastrup, J. 81332
Graichen, F. *see* Rohlmann, A. 59415
Graimann, C. *see* Ransom, C.M. 55590
Graimann, C. *see* Ransom, C.M. 71272
Graindourze, B. *see* Steyaert, M. 81904
Grainger, L.G., Spencer, R.C. Residual harmonics in voltage unbalanced power systems 59708
Grainger, L.G., Spencer, R.C. Residual harmonics in voltage unbalanced power systems 88981
Grajal, J. *see* Krozer, V. 92533
Grajales, L., Sabate, J.A., Wang, K.R., Tabisz, W.A., Lee, F.C. Design of a 10 kW, 500 kHz phase-shift controlled series-resonant inverter for induction heating 68723
Gral, T., Pfeiffer, W., Scheuerer, F. Surge voltage testing of suppression filters and capacitors 60305
Gralian, D. Next generation burn-in development 79263
Gramm, K. *see* Loffler, F. 68669
Gramm, K. *see* Loffler, F. 72171
Gramm, K. *see* Pfutzner, H. 90062
Grammalidis, N. *see* Diamantaras, K.I. 74270
Grammalidis, N. *see* Tzovaras, D. 76908
Gramolini, G. Total productive maintenance 69503
Grampp, J.-M. *see* Gangi, A. 76925
Grams, H. Development of exchange systems for the information age 58256
Gramsch, E., Szawlowski, M., Zhang, S., Madden, M. Fast, high density avalanche photodiode array 82819
Gramsch, E., Szawlowski, M., Zhang, S., Madden, M. Fast, high density avalanche photodiode array 94270
Gramsch, E., Zhang, S., Madden, M., Lindberg, M., Szawlowski, M. Performance of a 9-element avalanche photodiode array 56542
Gramsch, E. *see* Szawlowski, M.J. 56537
Gramz, M., Stepinski, T. Eddy current imaging, array sensors and flaw reconstruction 55001
Gramz, M. *see* Tarczynski, W. 90214
Granato, O. *see* Catania, V. 85717
Granatstein, V.L., Nusinovich, G.S. Criteria for comparing the suitability of microwave amplifiers for driving TeV linear colliders 76358
Granatstein, V.L. *see* Calame, J.P. 76376
Granatstein, V.L. *see* Destler, W.W. 63895
Granatstein, V.L. *see* Lawson, W. 76377
Granatstein, V.L. *see* Matthews, H.W. 92890
Granatstein, V.L. *see* Nusinovich, G.S. 76843
Granatstein, V.L. *see* Park, G.S. 98482
Granatstein, V.L. *see* Tate, J.P. 92896
Granberg, D. *see* Dye, N. 91927
Granberg, H. *see* Dye, N. 49189
Granberg, H. *see* Dye, N. 57618
Granberg, H. *see* Dye, N. 61968
Granberg, H. *see* Dye, N. 80149
Granberg, H. *see* Dye, N. 80573
Granborg, R.S.M. Digital simulation of three-phase 12-pulse rectifier-inverter power systems 90103
Grancher, R.A. The North American cement situation: trends in investment and diversification 54438
Grand, J.B.le *see* le Grand, J.B.
Grande, N.Del *see* Del Grande, N.
Grande, P.L. *see* Fichtner, P.F.P. 49858
Grande, W.C. Upgrading a Class 100 fab through use of manual-access microenvironments 55689
Grande, Z. On Borsik's problem concerning quasi-uniform limits of Darboux quasicontinuous functions 91368
Grandell, J., Pallonen, J., Hallikainen, M., Toikka, M. Scatterometer measurements of Arctic sea ice at C-band 77443
Grandhi, S.A., Vijayan, R., Goodman, D.J. Distributed power control in cellular radio systems 52414
Grandi, G.De *see* De Grandi, G.
Grandin, J.P. *see* Gosselin, A. 87953
Grandjean, F. *see* Marasinghe, G.K. 50181
Grandjean, G. *see* Rouet, J.P. 87160
Grandjean, N., Massies, J., Leroux, M., Leymarie, J., Vasson, A., Vasson, A.M. Improved GaInAs/GaAs heterostructures by high growth rate molecular beam epitaxy 54827
Grandjean, N., Massies, J., Raymond, F. Critical thickness for islanded growth of highly strained $In_xGa_{1-x}As$ on GaAs(001) 91480
Grandjean, N. *see* Tournie, E. 54896
Grandjean, P. *see* Matthies, L. 98310
Grando, D. *see* Sottini, S. 56903
Grandori, F., Pinelli, P., Ravazzani, P., Ceriani, F., Miscio, G., Pisano, F., Colombo, R., Insalaco, S., Tognola, G. Multiparametric analysis of speech production mechanisms 53423
Grandpierre, M. *see* Maussion, P. 68871
Grandpierre, M. *see* Monmasson, E. 54171
Grandy, G. *see* Steigerwald, R.L. 49140
Graneau, N. *see* Graneau, P. 51051
Graneau, P., Graneau, N. Only Ampere forces explain railgun recoil and wire explosions 51051
Granelli, G.P., Montagna, M., La Scala, M., Torelli, F. Relaxation-Newton methods for transient stability analysis on a vector/parallel computer 53648
Granelli, G.P., Montagna, M., La Scala, M., Torelli, F. Relaxation-Newton methods for transient stability analysis on a vector/parallel computer 77837
Grange, G. *see* Richard, C. 56147
Grange, G. *see* Zoghdani, A. 77751
Grange, N. *see* Adcock, P.L. 54191
Grangeat, P. *see* Guillemaud, R. 98820
Granger, B.D. *see* Bove, V.M., Jr. 57408
Granger, R. *see* Quemerais, A. 62498
Grangier, P., Poizat, J.P., Roch, J.F., Garreau, J.C., Levenson, J.A., Abram, I., Rivera, T., Fayolle, P. Quantum optical repeaters 52583
Granie, M. *see* Morucci, J.-P. 67560
Granie, M. *see* Rigaud, B. 67552
Granier, A. *see* Chroboczek, J.A. 62882
Granier, M. *see* Benda, V. 94030
Granieri, M.N. *see* Bianchini, P. 73862
Granik, Y. *see* Axelrad, V. 71510
Granjon, Y., Louis, V., Sako, T. Automatic measurement of emitting profile of diffusing tip on a medical laser instrument 67501
Grankin, V.P. Photodesorption and photoadsorption of hydrogen atoms on sulfide surfaces 82809
Granlund, G. *see* Barman, H. 59272
Granneman, E. *see* Werkhoven, C. 62493
Grannen, K.J., Chang, R.P.H. Diamond growth on carbide surfaces using a selective etching technique 79922
Grano, G.A. *see* Kojovic, L. 89216
Granot, F. *see* Gautier, A. 69747
Granqvist, C.G. *see* Stjema, B. 92964
Granstrom, B., Hunnicutt, S., Spens, K.-E. *(editors)* Speech and Language Technology for Disabled Persons. Proceedings of an ESCA Workshop 90713
Grant, C.R. *see* Grant, J.S. 51970
Grant, D., Taylor, J., Houselander, P. Design, implementation and evaluation of a high-speed integrated Hamming neural classifier 80535
Grant, D. *see* Bryant, J.M. 58562
Grant, D.A. *see* Williams, R. 60289
Grant, D.A. *see* Zhang, H. 100365
Grant, D.C. Evaluating a novel liquid-borne particle counter based on interferometry: experimental testing 62359
Grant, D.C. *see* Blackford, D.B. 66718
Grant, D.M., Van Meerbergen, J., Lippens, P.E.R. Optimization of address generator hardware 49316
Grant, J.A., Davis, J.R., Wells, P., Morgan, M. X-ray diffraction tomography at the Australian National Beamline Facility 88374
Grant, J.C., Beal, J.C., Frenette, N.J.P. Finite element analysis of the ARROW leaky optical waveguide 73430
Grant, J.M., Allen, L.R. Characterization of rapid thermally grown dielectrics by surface charge analysis and atomic force microscopy 62416
Grant, J.S. ATMospheric: A distributed ATM switch for the local area 85700
Grant, J.S., Grant, C.R. Will current work on a framework for quality of service in OSI communications at last allow OSI networks to fulfil user requirements? 51970
Grant, J.T. *see* Capano, M.A. 61398
Grant, M. *see* Lewandowski, J. 72367
Grant, M.F., Day, S., Bellerby, R., Wensley, P.R., Rosser, S.A., Cannell, G.J., Wilson, I.W., Lambert, N.J. Low-cost M×N couplers in silica-on-silicon for passive optical networks 72368
Grant, M.F. *see* Syms, R.R.A. 82647
Grant, P.B. *see* Koga, R. 70466
Grant, P.D., Tran, H., Denhoff, M.W. Investigation of substrate temperature effect on the surface morphology of excimer laser deposited $YBa_2Cu_3O_7/CeO_2$ films on sapphire 61351
Grant, P.M., Mulgrew, B., McLaughlin, S., Chen, S. Nonlinear architectures for equalisation, signal prediction and system modelling 57470
Grant, P.M. *see* Chen, S. 84555
Grant, P.M. *see* Thompson, J.S. 52430
Grant, P.M. *see* Warner, E.S. 51373
Grant, P.M. *see* Warner, E.S. 95365
Grant, P.M. *see* Warner, E.S. 96998
Grant, R.W. *see* Collins, D.A. 55557
Grant, S. *see* Spooner, N.J.C. 59151
Grant, S.M. *see* Sumner, T.J. 88038
Grant, W. *see* Oleson, J. 79015
Grant, W.B. *see* Higdon, N.S. 99175
Grant, W.T. *see* You-Wen Yau 91012
Grantham, D. *see* Goulden, C. 54559
Grantner, J., Patyra, M.J., Stachowicz, M.S. Architecture for event-driven intelligent fuzzy controller 49455
Grantonic, E. *see* Storer, M. 88700
Granville, S. Optimal reactive dispatch through interior point methods 59727
Granville, V., Krivanek, M., Rassón, J.-P. Simulated annealing: a proof of convergence 61123
Granville, V. *see* Orban-Ferauge, F. 77290
Granville, V. *see* Rasson, J.P. 64844
Granville, V. *see* Rasson, J.P. 77688
Granzow, W. *see* Baier, A. 65611
Grape, M. 'Job changes in radio', e.g. in a news studio 97563
Grard, E. *see* Gabriagues, J.M. 97301
Grard, E. *see* Meilleur, R. 50804
Gras, F. *see* Vo Anh 95934
Gras, J.J. *see* Burtin, G. 76611
Gras, J.J. *see* Camas, J. 76613

Grasdijk, M., Dreteler, J., Braux, H., Le Bail, J.-L. Modelling services in the portfolio from a service provisioning perspective 96498
Grass, R.W. *see* Chin-Wang Chao 51993
Grassani, E. Electrical control equipment for machines. The CEI EN 60204-1 standard 89827
Grasselli, U. Probabilistic design of high quality power supply photovoltaic systems 53976
Grasselli, U. Reliability survey of standby generator by evaluation of maintenance service data 68413
Grasselli, U., Parise, G. Designing criteria for selectivity and reliability of building power systems 68014
Grassi, D., Murolo, F., Perillo, E., Spadaccini, G., Vigilante, M., Amann, M., Koebel, J.M., Siffert, P., Dusi, W. A resistive charge division based microstrip detector for X- and γ-ray spectrometers 88039
Grassi, D. *see* Dusi, W. 88041
Grassi, G. *see* Moncada, P. 53850
Grassi, R. *see* Benatti, F. 56274
Grassi, S., Gianelli, G., Toro, B. Studies of low-temperature hydrothermal systems: San Giuliano prospect (Pisa, Italy) 78479
Grassia, F., Tacconi, G., Tiano, A., Borghini, F. On non-Gaussian characterization of shipping traffic underwater noise 99239
Grassini, E. Electrical installations in laboratories 60873
Grassl, H. *see* Jinxue Wang 66420
Grassmann, A. *see* Boettiger, U. 71489
Grassmann, A. *see* Schwalm, R. 81613
Grasso, G. *see* Calzona, V. 97972
Grasso, G. *see* Delrosso, G. 94387
Grasso, G. *see* Matarazzo, A. 80217
Grasso, G. *see* Roba, G.M. 52488
Gratchev, V.M. *see* Bolotnikov, A.E. 67415
Gratia, G., Paumier, J.-L., Colomb, M., Dore, J. Study of visual discomfort caused by the use of flashing lights 98742
Gratin, C. *see* Soille, P. 64726
Gratrix, E.J. Evolution of a microlens surface under etching conditions 50564
Gratta, L. *see* Baiocchi, A. 51849
Grattan, K.T.V. Measurement and instrumentation: a foundation in fundamental science 76250
Grattan, K.T.V. A fundamental base in physical science for measurement and analytical instrumentation 87590
Grattan, K.T.V. *see* Anderson, J.S. 66130
Grattan, K.T.V. *see* Buah, P.A. 63940
Grattan, K.T.V. *see* Chitaree, R. 82549
Grattan, K.T.V. *see* Chitaree, R. 98325
Grattan, K.T.V. *see* Collins, S.F. 65929
Grattan, K.T.V. *see* Edwards, K.A. 94067
Grattan, K.T.V. *see* Finkelstein, L. 86814
Grattan, K.T.V. *see* Rahman, B.M.A. 64185
Grattan, K.T.V. *see* Rahman, B.M.A. 87234
Grattan, K.T.V. *see* Themistos, C. 51198
Grattan, K.T.V. *see* Wang, D.N. 83397
Grattan, K.T.V. *see* Wang, W.M. 94463
Grattan, K.T.V. *see* Wongcharoen, T. 82632
Grattan, K.T.V. *see* Yueai Liu 82576
Grattan, K.T.V. *see* Yueai Liu 87233
Grattan, K.T.V. *see* Yupapin, P.V.P. 87235
Grattan, K.T.V., Augousti, A.T. *(editors)* Sensors VI. Technology, Systems and Applications 69316
Grattan, K.T.V. *see* Finkelstein, L. *(editor)* 60726
Grattarola, M., Martinoia, S., Massobrio, G., Bove, M., Ciccarelli, C. Transduction mechanisms from biological membranes to silicon sensors: modelling and computer simulations 58867
Grattarola, M. *see* Massobrio, G. 66270
Grattepain, C. *see* Courboules, B. 79774
Grattepain, C. *see* Kuhn, W.S. 69942
Grattepain, C. *see* Sallet, V. 48936
Grattieri, W. *see* Capasso, A. 77845
Grattoni, P. *see* Pettiti, G. 75866
Gratzel, M. *see* Hagfeldt, A. 72438
Grau, A., Bourdin, E. Command and control centres for police and security C3I 77772
Grau, M.C. *see* Cameron, P.R. 76495
Graubmann, A.G. *see* Berndt, H. 96450
Graupner, W., Rolle, S. Radio interference voltages of power electronic drives 90480
Gravano, L. *see* Berman, P.E. 64968
Gravano, L. *see* Cypher, R. 96146
Gravano, S., Gould, R.D. Derivation of the current-voltage characteristics is filamentary conductors as a function of the distribution of filament cross-sectional areas 71256
Gravenstreter, G. *see* Chiarulli, D.M. 52549
Graves, B.R., Duncan, W.A., Patterson, S.P., Dansereau, J., Schafer, E., Smith, W., Albertine, J., Miller, J. Optical system design, modelling, and analysis of selected line HF and DF lasers 94336
Graves, B.R. *see* Duncan, W.A. 94334
Graves, E.B., Coggins, J.M. Multiscale image decomposition using statistical pattern recognition and eigenanalysis 74419
Graves, P.E. *see* Twelves, C.J. 59262
Graves, R.J. *see* Taylor, G.D. 90905
Graves, S. *see* Wise, J.D. 52062
Gravey, A. *see* Jae-il Jung 96462
Gray, A. *see* Hardingham, C. 100742
Gray, A.J., Kay, J.W., Titterington, D.M. An empirical study of the simulation of various models used for images 64586
Gray, A.L. *see* Stevens, D.R. 77245
Gray, C.B., Abdulwahab, A.K. Equivalent circuits for the single-phase induction machine 100150
Gray, C.T., Liu, W., Cavin, R.K., III Timing constraints for wave-pipelined systems 80221
Gray, C.T., Wentai Liu, Cavin, R.K., III, Hong-Yean Hsieh Circuit delay calculation considering data dependent delays 80287
Gray, C.T., Wentai Liu, Van Noije, W.A.M., Hughes, T.A., Jr., Cavin, R.K., III A sampling technique and its CMOS implementation with 1 Gb/s bandwidth and 25 ps resolution 52782
Gray, C.T. *see* Wentai Liu 80278
Gray, D. *see* Kuroda, T. 70453
Gray, D.A. *see* Heismann, F. 86483
Gray, E. *see* Rusnak, B. 67128
Gray, E.MacA. *see* Blach, T.P. 98268
Gray, G. *see* Helm, M. 71799
Gray, G.M. *see* Zhai, T. 63961
Gray, G.R. *see* Ryan, A.T. 63793
Gray, H. *see* Chran-Ham Chang 85707
Gray, H.F. Field emitter displays (FEDs) for cockpit applications 76125
Gray, H.F. *see* Akinwande, A.I. 62084
Gray, H.F. *see* Jiang Liu 62085
Gray, J.L., Lee, Y.J. Modeling of the temperature dependent behavior of the molybdenum/CIS contact in CIS-based solar cells 90431
Gray, J.L. *see* Ahrenkiel, R.K. 100611
Gray, J.L. *see* Durbin, S.M. 100667
Gray, J.L. *see* Durbin, S.M. 100674
Gray, J.L. *see* Giles, F.P. 98280
Gray, J.L. *see* Kim, G.H. 54840
Gray, J.L. *see* Kim, J.C. 100695
Gray, J.L. *see* Youn-Jung Lee 100659
Gray, J.O., Hill, S.L., Bahramparvar, M.R. The realization of a multiple model estimation algorithm using parallel processing techniques 57480
Gray, J.O. *see* Downes, C.G. 59413
Gray, J.P., Peters, M.L. A preview of APPN high performance routing 65100
Gray, J.W., III On introducing noise into the bus-contention channel 51280
Gray, L.J. *see* Zhao, C. 61205
Gray, M. *see* Shah, V. 55080
Gray, M.L. *see* Carver, G.E. 61437
Gray, M.L. *see* Sobek, D. 59380
Gray, P. *see* Lieberman, P. 90621
Gray, P.R. *see* Uehara, G.T. 92328
Gray, R. *see* Beaumont, S.P. 88037
Gray, R. *see* Summers, I.R. 98961
Gray, R.M., Oehler, K.L., Perlmutter, K.O., Ohlsen, R.A. Combining tree-structured vector quantization with classification and regression trees 95178
Gray, R.M. *see* Cosman, P.C. 67533
Gray, R.M. *see* Effros, M. 57884
Gray, R.M. *see* Oehler, K.L. 84997
Gray, R.M. *see* Perlmutter, K.O. 57898
Gray, R.M. *see* Schmidl, T.M. 95972
Gray, R.M. *see* Vander Kam, R.A. 95962
Gray, R.M. *see* Wesel, R.D. 57910
Gray, S. *see* Samuelson, L. 55638
Gray, S.G. *see* Alexander, J.P. 59072
Gray, S.G. *see* Alexander, J.P. 70305
Grazioso, P. *see* Frullone, M. 51792
Grcar, B., Cafuta, P., Znidaric, M. Nonlinear control of synchronous servo drive 60504
Grcar, B., Dolinar, D. Integrated digital power transformer protection 78671
Grea, J., Tiberghien, A. Simulation and learner's knowledge processing in the case of a learning environment on signal processing 79181
Greason, W.D. Analysis of human body model for electrostatic discharge (ESD) with multiple charged sources 64087
Greason, W.D. Analysis of human body model for electrostatic discharge (ESD) with multiple charged sources 64089
Greason, W.D. Concept of a modular grid to control ESD in electronic systems 83471
Greason, W.D., Chum, K.W.K. Characterization of charge accumulation and detrapping processes related to latent failure in CMOS integrated circuits 56078
Greaves, C., Warren, M., Ostberg, O. Enhancing speech intelligibility using visual images 64380
Greaves, C. *see* Moze, O. 72033
Greaves, S.J. *see* O'Grady, K. 71982
Grebe, A. *see* Bach, C. 51820
Grebe, E., Stimper, K. Transient recording for control and analysis of power stations and power transmission networks 60024
Grebe, T.E. *see* Peggs, J.F. 89365
Grebel, H., Tsay, S.C. Holographic optical interconnections 50519
Grebel, H. *see* Su Chiou Tsay 57008
Grebel, H. *see* Su Chiou Tsay 94687
Grebenev, V.N., Dzhelyadin, R.I., Karyukhin, A.N., Konoplyannikov, A.K., Kopikov, S.V., Loginov, A.I., Maloletnev, A.A., Mikaelyan, A.L., Pichugin, A.P., Poroshin, N.O., Shishkov, A.V. Vertex microstrip detector 88135
Grebenjuk, V.M. *see* Butenko, V.A. 53317
Grebennik, I.V. *see* Yakovlev, S.V. 69758
Grebennik, V.N. *see* Bogoyavlenskii, R.G. 89541
Grebennikov, A.I. *see* Nazvanov, V.F. 94202
Greber, U., Furrer, A. Building wiring: 100 MHz quality control in the field 89249
Greblicki, W., Pawlak, M. Dynamic system identification with order statistics 95583
Grebner, S. *see* Koynov, S. 79899
Grebogi, C. *see* Hayes, S. 83898
Grechishkin, R.M., Afanasieva, L.E., Pastushenkov, Yu.G., Maksimov, N.N. Analysis of a linear position sensor with a Hall effect element 66278
Grechko, E.N., Atroshchenko, V.A., Sin'kov, A.G., Stepura, Yu.P. Analysis of transient processes in the converting module of self-contained electric power supply systems, based on the spectral operator method 88983
Greco, C. *see* Carabelli, S. 98320
Greco, M.A. *see* Bertinetto, F. 86884
Grecu, V. *see* Chipara, M.I. 98652
Greef, B.de *see* de Greef, B.
Green, A.M., Spicer, W.E., Kim, C., Cao, R., Pianetta, P. CaF_2 overlayers to preserve the ideal termination of Sb/GaAs(110) 93203
Green, D. *see* Jones, H. 60825
Green, D.A. *see* Lang, S. 95974
Green, D.A. *see* Smith, P.R. 88837
Green, D.H. *see* Amarasinghe, S.K. 95223
Green, E.D.H. *see* Haniff, T.M. 72554
Green, E.M. *see* Rieke, M.J. 58787
Green, F.H. *see* Soldano, L.B. 50552
Green, F.H. *see* Spiekman, L.H. 82640
Green, H. Closed-loop water recycling costs affected by the process chemistry 92811
Green, H.E. Electromagnetic backscattering from a helicopter rotor in the decametric wave band regime 58477
Green, H.E., Cashman, J.D., Getsinger, W.J. A comparison of two recently proposed formulas for end capacitance in open circuited, two wire transmission lines [and reply] 64173
Green, J.A. *see* Maddocks, M.C.D. 97548
Green, J.L. *see* Preece, A.W. 53426
Green, J.L. *see* Preece, A.W. 87313
Green, J.R. *see* Nelson, L.Y. 98227
Green, K. *see* Jones, O. 60841
Green, K. *see* Padamsee, H. 67121
Green, K.A. *see* Beard, W.T. 61438
Green, L. Sizewell-B: highs, lows and on to Sizewell-C? 78346
Green, L.B. Electromagnetic compatibility of radio telecommunications equipment 73366
Green, M. Complying with Union rules 60857
Green, M.A. Calculation of the pressure rise in the cooling tube of a two-phase cooling system during a quench of an indirectly cooled superconducting magnet 87787
Green, M.A., Emery, K. Solar cell efficiency tables (version 4) 78815
Green, M.A., McVey, B.D., Trzeciak, W.S., Tatchyn, R., Hansen, R.W.C., Filipponi, A. Measurements and modelling of undulator radiation with a filter-photodiode detector 87749
Green, M.A., Wenham, S.R., Honsberg, C.B., Hogg, D. Transfer of buried contact cell laboratory sequences into commercial production 100562
Green, M.A., Wenham, S.R., Jianhua Zhao Progress in high efficiency silicon cell and module research 100608
Green, M.A. *see* Aberle, A.G. 69001
Green, M.A. *see* Aberle, A.G. 100569
Green, M.A. *see* Aberle, A.G. 100625
Green, M.A. *see* Aberle, A.G. 100757
Green, M.A. *see* Barrett, J.S. 78176
Green, M.A. *see* Bowden, S. 100705
Green, M.A. *see* Corkish, R. 100676
Green, M.A. *see* Dai, X.M. 100628
Green, M.A. *see* Honsberg, C.B. 100577
Green, M.A. *see* Huber, D.L. 88273
Green, M.A. *see* Jia, L.X. 94006
Green, M.A. *see* Jianhua Zhao 90395
Green, M.A. *see* Keevers, M.J. 54152
Green, M.A. *see* Keevers, M.J. 100626
Green, M.A. *see* Lin, X.J. 98479
Green, M.A. *see* Robinson, S.J. 90394
Green, M.A. *see* Shi, Z. 79874
Green, M.A. *see* Stephens, A.W. 71227
Green, M.A. *see* Wang, S.-T. 82477
Green, M.A. *see* Wenham, S.R. 100564
Green, M.A. *see* Zhao, J. 78813
Green, M.A. *see* Zhao, J. 78814
Green, M.A. *see* Zhao, J. 100728
Green, M.L., Brasen, D., Evans-Lutterodt, K.W., Feldman, L.C., Krisch, K., Lennard, W., Tang, H.-T., Manchanda, L., Tang, M.-T. Rapid thermal oxidation of silicon in N_2O between 800 and 1200°C: incorporated nitrogen and interfacial roughness 81463
Green, M.L. *see* Manchanda, L. 93617
Green, M.M., Willson, A.N., Jr. (Almost) half of any circuit's operating points are unstable 49539
Green, N. *see* Da Via, C. 53348
Green, N.J., Hutchinson, A.M. Digital excitation control system for high availability applications 60159
Green, N.W. PDC (programme delivery control) 86767
Green, N.W. *see* Lodge, N.K. 97529
Green, P., Rushton, P., Beggs, R. An example of applying the codesign method MOOSE 86705

Green, P. *see* Serafin, C. 96879
Green, P.R. *see* Salous, S. 92336
Green, R. Status and future prospects of European fibre-in-the-loop deployment 52526
Green, R. HI-OSF/1-M: its development 74912
Green, R.C. *see* Bidin, A.R. 87089
Green, R.J. Microwave amplification within illuminated p-n diode structures 49643
Green, R.J. *see* Pan, Q. 75746
Green, R.J. *see* Pan, Q. 97674
Green, R.J. *see* Selvan, B. 52678
Green, R.O., Conel, J.E., van den Bosch, J., Shimada, M., Nakai, M. On-orbit calibration of the Japanese Earth Resources Satellite-1 Optical Sensor using the Airborne Visible-Infrared Imaging Spectrometer 77634
Green, R.P.M. *see* Crofts, G.J. 50946
Green, R.P.M. *see* Damzen, M.J. 72949
Green, R.W. *see* DeAngelis, C.M. 99262
Green, S.D., Kingsley, S.P., Biddiscombe, J.A. HF radar waveform design 97395
Green, S.E. *see* Narayanan, R.M. 88874
Green, T.A. *see* Douglas, L.D. 77940
Green, T.C. *see* Finney, S.J. 61512
Green, T.C. *see* He, X. 49157
Green, T.C. *see* He, X. 68736
Green, T.C. *see* He, X. 80109
Green, T.C. *see* He, X. 80112
Green, T.C. *see* He, X. 90205
Green, T.C. *see* Holliday, D. 89976
Green, T.C. *see* Majed, A.-M. 54081
Green, T.C. *see* Mirkazemi-Moud, M. 49166
Green, T.C. *see* Mirkazemi-Moud, M. 90164
Green, T.C. *see* Reay, D.S. 90565
Green, T.J., Jr., Shapiro, J.H. Detecting objects in three-dimensional laser radar range images 52651
Greenberg, A.D., Small, R.L. Improving human reliability through error monitoring 54609
Greenberg, A.G., Lubachevsky, B.D., Nicol, D.M., Wright, P.E. Efficient massively parallel simulation of dynamic channel assignment schemes for wireless cellular communications 75270
Greenberg, A.G., Odlyzko, A.M., Rexford, J., Espinosa, D. Fast parallel solution of fixed point equations for the performance evaluation of circuit-switched networks 74634
Greenberg, A.G. *see* Eick, S.G. 85226
Greenberg, C.B. *see* Kuo-Chuan Ho 72447
Greenberg, D.P. *see* Lischinski, D. 57807
Greenberg, D.R., del Alamo, J.A. Velocity saturation in the extrinsic device: a fundamental limit in HFET's 81944
Greenberg, D.R., del Alamo, J.A., Bhat, R. A submicron InAlAs/n^+-InP HFET with reduced impact ionization 56036
Greenberg, D.R. *see* Somerville, M.H. 62252
Greenberg, L.A. *see* Huang, S.Y. 94439
Greenberg, N. *see* Hatzilabrou, G.M. 88516
Greenberg, S. *see* Hayne, S. 52073
Greenberg, S. *see* Roseman, M. 96834
Greenblatt, A.S. *see* Gopalakrishnan, G.K. 94199
Greene, A. *see* Garber, M. 82418
Greene, A. *see* Gupta, R. 76648
Greene, A. *see* Lindner, M. 82420
Greene, A. *see* Muratore, J. 82419
Greene, A. *see* Thompson, P. 76655
Greene, A. *see* Wanderer, P. 82421
Greene, A. *see* Wanderer, P. 82422
Greene, B. *see* Kunimori, H. 98319
Greene, D. *see* Johnson, L. 86685
Greene, J., Murphy, K., Rudraraju, S., Anbo Wang, Claus, R. Tunable optical fiber vibration mode sensor using two-mode fiber 52908
Greene, J., Tran, T., Gunther, M., Murphy, K., Claus, R. Damage analysis during full-scale testing of F-15 airframe using arrays of optical fiber sensors 99067
Greene, J. *see* Gunther, M.F. 98049
Greene, J. *see* Harkewicz, R. 53163
Greene, J. *see* Murphy, K.A. 98063
Greene, J. *see* Tran, T. 52924
Greene, J.A. *see* Claus, R.O. 52935
Greene, J.A. *see* Claus, R.O. 98068
Greene, J.E. *see* Bramblett, T.R. 79790
Greene, J.E. *see* Kim, Y.-W. 79788
Greene, J.R. *see* Tapson, J. 71060
Greene, K.R. *see* Keith, R.D.F. 76885
Greene, P.A. *see* Prasad, R.R. 81593
Greene, P.D. *see* Czajkowski, I.K. 56437
Greene, P.D. *see* Silver, M. 94194
Greene, P.D. *see* Thrush, E.J. 54901
Greene, T.P., Tokunaga, A.T., Toomey, D.W., Carr, J.S. CSHELL: a high spectral resolution 1-5 micron cryogenic echelle spectrograph for the IRTF 58789
Greenen, J. HDSL: past, present and future 52262
Greenfield, J.S. Distributed programming paradigms with cryptography applications 90735
Greenhalgh, P.A. *see* Lima, C.R. 65797
Greenham, L., Bird, T. Potential hazards associated with gas sampling systems 52968
Greenham, N.C., Friend, R.H., Bradley, D.D.C. Angular dependence of the emission from a conjugated polymer light-emitting diode: implications for efficiency calculations 94297
Greenhough, P. Switched reluctance variable-speed drives 69095
Greenious, G. *see* Gingrich, D. 53291
Greenland, P., Lee, M.J. A multi-chip power-supply control solution 49173
Greenland, P. *see* Clark, A. 61507
Greenleaf, J.F. *see* Jian-Yu Lu 88881
Greenleaf, J.F. *see* Song, T.K. 59354
Greenman, P. *see* Craig, K.C., J. 59646
Greenshields, I. *see* Rasiene, J. 84755
Greenshields, I.R. Fast Zernicke decomposition of images with applications to magnetic resonance imaging 64795
Greenshields, I.R. *see* Jianping Wang 95955
Greenspan, H., Anderson, C.E. Image enhancement by non-linear extrapolation in frequency space 64645
Greenspan, H., Belongie, S., Goodman, R., Perona, P., Rakshit, S., Anderson, C.H. Overcomplete steerable pyramid filters and rotation invariance 84799
Greenstein, A. *see* Messica, A. 76053
Greenstein, G.S. *see* Rudnick, E.M. 91997
Greenstein, L.J. *see* Clark, M.V. 52407
Greenstein, L.J. *see* Goldsmith, A.J. 75321
Greenstein, M. *see* Horenstein, M. 52833
Greenstreet, M.R. *see* Wing Sang Lee 93532
Greenwald, A. *see* Dixit, M.S. 88014
Greenway, N. *see* Mackeown, W.P.J. 84822
Greenway, P., Deaves, R. An information filter for decentralised data fusion and sensor management 73931
Greenwell, R.A., Barnes, C.E. Current status of radiation effects knowledge for fiber based systems and associated components 72314
Greenwoll, J.I. *see* Reed, R.P. 87112
Greenwoll, J.I. *see* Reed, R.P. 87131
Greenwood, A.R., Goodyear, C.C. A polynomial approximation to the acoustic-to-articulatory mapping 64351
Greenwood, A.R., Goodyear, C.C. Articulatory speech synthesis using a parametric model and a polynomial mapping technique 95341
Greenwood, D. *see* Kipp, R. 70669
Greenwood, D.A. *see* Griffin, J.M. 57292
Greenwood, M.B. *see* Richardson, T. 71837
Greenwood, N.M. *see* Allport, P.P. 88021
Greenwood, R.E. Multiculturalism: the college classroom and the world of business 90814
Greer, A.J. *see* Kossler, W.J. 87936
Greer, E.J., Kimura, Y., Suzuki, K., Yoshida, E., Nakazawa, M. Generation of 1.2 ps, 10 GHz pulse train from all-optically modelocked,' erbium fibre ring laser with active nonlinear polarisation rotation 94411
Greer, J.A. *see* Parker, T.E. 93861
Greer, K.L. *see* Li, J. 59362
Greer, K.L. *see* Wang, H. 59298
Greer, N.P.J., Henderson, R.K., Li Ping, Sewell, J.I. Matrix methods for the design of transconductor ladder filters 49526
Greer, R.A. The United States Navy Electronic Chart Display and Information (ECDIS) development project 67967
Greer, R.G.H. *see* Lowans, B.S. 63475
Greer, R.G.H. *see* Lowans, B.S. 63984
Greest, M.C., Hawksford, M.O.J. Nonlinear distortion analysis using maximum-length sequences 61498
Greeves, B. SCADA uses radio to bridge the gap 66141
Greger, E. *see* Kneissl, M. 94300
Gregersen, J. *see* Legarth, J. 90946
Gregg, J., Thompson, S. A new era in magnetics [magnetic thin films] 93897
Gregg, P. Teletext: new life for an under-rated source? 74901
Gregoire, G. *see* Aoki, S. 53304
Gregoire, J.-C. *see* Gagnon, F. 96478
Gregoire, M.-C. *see* Burnham, C.A. 53415
Gregoire, M.-C. *see* Chester, D.A. 53409
Gregori, E. *see* Conti, M. 51847
Gregori, E. *see* Conti, M. 52192
Gregori, E. *see* Conti, M. 52195
Gregoriou, G. *see* Butler, C. 58810
Gregoriou, G.K. *see* Zhao, X.D. 98840
Gregoris, D.J., Yu, S.K.W., Tritchew, S., Sevigny, L. Wavelet transform-based filtering for the enhancement of dim targets in FLIR images 57840
Gregory, A.P. *see* Preece, A.W. 87313
Gregory, C. *see* Clari, F. 76351
Gregory, D.A. *see* Johnson, J.L. 74366
Gregory, D.A. *see* Sanghadasa, M. 58471
Gregory, D.A. *see* Sanghadasa, M. 75587
Gregory, E., He Liu, Taeyoung Pyon Some effects of matrix additions to Nb_3Sn and NbTi multifilamentary superconductors 93913
Gregory, E. *see* Liu, H. 89296
Gregory, G.E. *see* Dharmadasa, I.M. 71196
Gregory, J.P., Palmer, J.W. Introduction to flange bearing crossing frogs [railways] 54210
Gregory, M.J. *see* Ingalls, R.P. 58532
Gregory, T. *see* Anjard, R.P. 79479
Gregory, W. *see* Kauppila, T. 71028
Grehan, G. *see* Ren, K.F. 94722
Greife, U., Arpesella, C., Barnes, C.A., Bartolucci, F., Bellotti, E., Broggini, C., Corvisiero, P., Fiorentini, G., Fubini, A., Gervino, G., Gorris, F., Gustavino, C., Junker, M., Kavanagh, R.W., Lanza, A., Mezzorani, G., Prati, P., Quarati, P., Rodney, W.S., Rolfs, C., Schulte, W.H., Trautvetter, H.P., Zahnow, D. Laboratory for Underground Nuclear Astrophysics (LUNA) 98550
Greiff, P. *see* Mlcak, R. 55822
Greil, A. *see* Achatz, V. 94315
Greiling, P.T. *see* Hafizi, M. 61913
Grein, C.H., Young, P.M., Ehrenreich, H. Theoretical performance of $InAs/In_xGa_{1-x}Sb$ superlattice-based midwave infrared lasers 83070
Grein, C.H. *see* Youngdale, E.R. 62246
Greiner, A., Lucas, L., Wajsburt, F., Winckel, L. Design of a high complexity superscalar microprocessor with the portable IDPS ASIC library 49477
Greiner, A., Petrot, F. Using C to write portable CMOS VLSI module generators 93599
Greiner, A. *see* Burgun, L. 49340
Greiner, A. *see* Burgun, L. 91999
Greiner, A. *see* Hillmer, H. 94475
Greiner, A. *see* Hirech, M. 49339
Greiner, A. *see* Vestweber, H. 72636
Greiner, G. Variational design and fairing of spline surfaces 79662
Greiner, P. *see* Bonin, B. 67067
Greiner, T., Casel, J.P., Pandit, M. Texture analysis with a texture matched M-channel wavelet approach 84970
Greiner, U.J., Klingenberg, H.H. Thermal lens correction of a diode-pumped Nd:YAG laser of high TEM_{00} power by an adjustable-curvature mirror 82978
Greiner, U.J., Klingenberg, H.H., Walker, D.R., Flood, C.J., van Driel, H.M. Diode-pumped Nd:YAG laser using reflective pump optics 56672
Greiner, U.J. *see* Walker, D.R. 72748
Greivenkamp, J.E., Lowman, A.E. Modulation transfer function measurement of sparse-array sensors using a self-calibrating fringe pattern 87273
Grekhov, I.M., Belyakova, E.I., Kostina, L.S., Rol'nik, I.A. A novel design of fully-controlled bipolar devices 55915
Grekhov, I.V. *see* Al'vares, Kh.K. 49829
Grekov, E.V. Density of bulk and surface states and static characteristics of amorphous silicon field-effect transistors 62786
Grelick, A. *see* Nassiri, A. 76585
Grelick, A. *see* White, M. 67007
Grellet, G. Testing and monitoring rotating machines 100075
Grellet, G. *see* Badin, F. 54200
Gremban, K.D., Ikeuchi, K. Planning multiple observations for specular object recognition 51721
Gremban, K.D., Ikeuchi, K. Planning multiple observations for object recognition 57692
Gremenok, V.F., Zaretskaya, E.P., Bodnar, I.V., Victorov, I.A. Chalcopyrite $CuGa_xIn_{1-x}Se_2$ thin films produced by laser-assisted evaporation 62208
Gremenok, V.F., Zaretskaya, E.P., Kindyak, V.V., Kindyak, A.S., Bondar, I.V., Viktorov, I.A. Production of highly oriented thin $CuInSe_2$ films by pulsed laser vaporization 49789
Gremerik, V.F. *see* Gribkovskii, V.P. 63763
Grenet, J.C. *see* Zahraman, K. 100681
Grenfell, M.A., Read, J.A. The development and testing of integrated navigation systems 99397
Grenier, D., Louis, J.-P. Modeling for control of a nonsinewave permanent magnet synchronous drive by an extension of the Park's transformation 90500
Grenier, J. *see* Corsini, R. 67012
Grenier, M.C. *see* Durand, L.G. 77066
Grenier, Y. Wideband source location through frequency-dependent modeling 64428
Grenier, Y. *see* Naylor, P. 95260
Grenier, Y. *see* Senadji, B. 75657
Greninger, P. Quasi-three-dimensional perturbation technique, including dielectrics for TWT's 49752
Grennberg, A., Sandell, M. Estimation of subsample time delay differences in narrowband ultrasonic echoes using the Hilbert transform correlation 88892
Grenon, B. *see* Buck, P. 62559
Grenon, B.J. *see* Ferguson, R.A. 71466
Grenov, A.I. *see* Tuzikov, A.V. 64637
Grenville, A., Owen, G., Robinson, J., Borkholder, D., Frank, C., Pease, F., Markle, D. Masks for Markle-Dyson optics 62555
Grenville, A. *see* Jeong, H.J. 49413
Grepl, M. *see* Peksa, L. 98336
Grepstad, J.K. *see* Husby, H. 48926
Greser, A. *see* Skyba, P. 90097
Gress, O.A. *see* Belolaptikov, I.A. 59156
Gretillat, M.-A., Linder, C., de Rooij, N.F. Integrated shielding lines on multilayer polysilicon resonators 66285
Gretsch, R., Gunselmann, W. Decentralized compensation of harmonics 53745
Gretsch, R. *see* Dai, X. 89220
Gretsch, R. *see* Dai, X. 89221
Gretsch, R. *see* Xianzhong Dai 75894
Greub, H. *see* Garg, A. 49463
Greub, H. *see* Garg, A. 92835
Greubel, K. *see* Brandes, J. 100891

Greve, A., LeFloch, B., Morris, D., Hein, H., Navarro, S. Astigmatism in reflector antennas: measurement and correction 97504
Greve, A. *see* Baars, J.W.M. 58526
Greve, D.W. Thermal chemical vapor deposition of semiconductors for thin film transistor applications 93432
Greve, D.W., Misra, R., Strong, R., Schlesinger, T.E. Ultrahigh vacuum/chemical vapor deposition epitaxy of silicon and germanium-silicon heterostructures 91483
Greve, D.W. *see* Johnson, M. 55907
Greve, D.W. *see* Lin, F. 93052
Greve, J. *see* Koelink, M.H. 76940
Greve, J. *see* Koelink, M.H. 87551
Greve, S.C.van Someren *see* van Someren Greve, S.C.
Grevenstein, J. 'Camera is running' in systems of supply 79476
Greving, G. *see* Biermann, W.-D. 57208
Greving, G. *see* Meier, U. 57281
Greving, G. *see* Meier, U. 58480
Grewal, G.W. *see* Wilson, T.C. 91763
Grewal, R.S. *see* Wong, K. 97751
Grewal, S. A new age gas meter 58705
Grey, F., Huang, D.H., Kobayashi, A., Snyder, E.J., Uchida, H., Aono, M. Time-resolved atomic-scale modification of silicon with a scanning tunneling microscope 61403
Grey, R. *see* Buckle, P.D. 62269
Grey, R. *see* David, J.P.R. 93314
Grey, R. *see* Lovering, D.J. 62268
Grey, R. *see* Pabla, A.S. 82720
Grey, R. *see* Teissier, R. 81785
Grey, R. *see* Vaghjiani, H.L. 87201
Greysukh, A. *see* Glazman, R.E. 67763
Greysukh, A. *see* Glazman, R.E. 67810
Greysukh, A. *see* Glazman, R.E. 67872
Greywall, D.S., Yurke, B., Busch, P.A., Pargellis, A.N., Willett, R.L. Evading amplifier noise in nonlinear oscillators 55159
Grezes-Besset, B. *see* Boyer, G.R. 82535
Grib, O.G. *see* Mints, M.Ya. 53704
Grib, O.G. *see* Mints, M.Ya. 99448
Gribble, D.L., Herzog, J.H. A RISC architecture for high-speed data acquisition 66142
Gribbons, W.M. Pictures, knowledge acquisition, and information design 90858
Gribkovskii, V.P., Gurskii, A.L., Davydov, S.V., Lutsenko, E.V., Kulak, I.I., Mitkovets, A.I., Yablonskii, G.P., Gremerik, V.F. Semiconductor electron-beam-pumped lasers based on ZnCdS compounds 63763
Gribnikov, B.A., Tsvetkovskaya, S.M. Waveguide resistance of an antipodal waveguide-slot line 57177
Gribnikov, Z., Melnikova, Y., Rokhlenko, A., Rothwarf, A., Mehta, H. Models of dependence of controllable current on number of islands in gate turn-off thyristors 55942
Gribnikov, Z.S. Space-charge-limited ballistic transport of electrons with complex dispersion relations 71567
Gribov, I.V. *see* Shvedunov, V.I. 76343
Gribova, E.Z., Saichev, A.I. Correlation function for intensity fluctuations in fractal randomly inhomogeneous medium 83696
Grice, R.A. Technical communicators in product-development teams: what can we really contribute? 90860
Grice, R.A., Ridgway, L.S. The evolution of communication vehicles: linear progress and cyclical progress 79193
Gricius, R. *see* Gruzinskis, V. 92552
Gridasov, V.I. *see* Andreev, N.I. 76575
Grider, D.E., Ruden, P.P., Nohava, J.C., Mactaggart, I.R., Stronczer, J.J., Tran, R.H. 0.7 micron gate length complementary $Al_{0.75}Ga_{0.25}As/In_{0.25}Ga_{0.75}As/GaAs$ HIGFET technology for high speed/low power digital circuits 63024
Gridnev, S.A., Pavlova, N.G., Gorbatenko, V.V., Shuvalov, L.A. Newly developed multicomponent piezoceramic system for alternating pressure sensors 56146
Griebel, M. Multilevel algorithms considered as iterative methods on semidefinite systems 54729
Griebenow, U. *see* Hase, A. 81506
Griebner, U. *see* Grunwald, R. 72965
Griebner, U. *see* Koch, R. 56674
Grieco, D.M. The capacity achievable with a broadband CDMA microcell underlay to an existing cellular macrosystem 65612
Grieco, G.J. Understand, solve problems with ESP wide plate spacing 94749
Griegel, T. *see* Hammer, J.W. 82911
Grieken, C.Van *see* Van Grieken, C.
Griend, A.A.van de *see* van de Griend, A.A.
Griendt, M.A.J.van de *see* van de Griendt, M.A.J.
Griep, K.R., Ritcey, J.A., Burlingame, J.J. Design of mismatched filters for pulse compression in a multiple user sonar ranging system 97468
Griep, K.R. *see* Gordon, S.D. 86609
Griep, S., Khare, J., Lemme, R., Papenberg, U., Schmitt-Landsiedel, D., Maly, W., Walker, D.M.H., Winnerl, J., Zettler, T. Application of defect simulation as a tool for more efficient failure analysis 82035
Griep, S. *see* Khare, J. 60920
Gries, G., Post, H., Schwanke, A. Design and application of a metamodel for planning of exchange technology 85996
Gries, W.H. *see* Schmitt, W. 93147
Griesbach, P. *see* Kajcsos, Zs. 88051
Griesche, J., Hoffmann, N., Jacobs, K. Surface engineering during molecular beam epitaxial growth of wide-gap II-VI structures 61289
Griesche, J., Hoffmann, N., Jacobs, K. On the mechanism of reflection high-energy electron diffraction oscillations studied by phase-locked epitaxy of ZnSe 61290
Griese, E. Vectorial diffraction analysis of periodic dielectric gratings using a transmission matrix 83617
Griese, E., Schrage, J., Vogt, M. Fast simulation methods for the detection of reflection-and crosstalk effects during the design of complex printed circuit boards 92686
Grieser, M., Habs, D., Von Hahn, R., Hochadel, B., Kleffner, C.M., Liebmann, J., Repnow, R., Schwalm, D., Bisoffi, G., Jaeschke, E., Papureanu, S. Ion beam acceleration and new operation modes at the TSR Heidelberg 76310
Grieser, M. *see* Hochadel, B. 53103
Grieshaber, W., Bodin, C., Cibert, J., Gaj, J., Daubigne, A.Y.M., Wasiela, A., Feuillet, G. Rough versus dilute interfaces in semiconductor heterostructures: the role of growth conditions 81268
Grieshaber, W. *see* Jeanjean, P. 92921
Griesmayer, E. *see* Fanti, V. 76788
Griesmer, S.J., Jesmajian, R.W. Evolution of messaging standards 85603
Griesshaber, W. *see* Goetzberger, A. 99994
Griewank, A. *see* Bischof, C. 69857
Griffee, J. *see* Priedhorsky, W. 77102
Griffel, G. *see* Golan, G. 77730
Griffey, T. Battery testing and evaluation at Crane Division, Naval Surface Warfare Center 68961
Griffin, E.J. Calibrating a VANA with a slightly lossy beadless coaxial standard line 87041
Griffin, H. *see* Brown, B.L. 87935
Griffin, H.C. *see* Gidley, D.W. 81162
Griffin, J. Centennial Park residential video pilot 52722
Griffin, J. *see* Bhat, C.M. 66961
Griffin, J.C. *see* Gibb, W.J. 77025
Griffin, J.E. New method for control of longitudinal emittance during transition in proton synchrotrons 66962
Griffin, J.M., Greenwood, D.A. Spot beam antennas for mobile satcom payloads 57292
Griffin, L.D. *see* Robinson, G.P. 84605
Griffin, M.F., Boman, E.C., Metal, I., Orwig, L.P. Estimating ocean-scene coherence-time with a multi-aperture SAR 86553
Griffin, M.J. *see* Church, S.E. 58783
Griffin, O.H., Jr. *see* Mollenhauer, D.H. 63103
Griffin, P.B., Lever, R.F., Huang, R.Y.S., Kennel, H.W., Packan, P.A., Plummer, J.D. Species, dose and energy dependence of implant induced transient enhanced diffusion 93120
Griffin, P.B. *see* Crowder, S.W. 62408
Griffin, P.B. *see* Crowder, S.W. 81376
Griffin, P.B. *see* Crowder, S.W. 81451
Griffin, P.B. *see* Luning, S. 62152
Griffin, P.B. *see* Rousseau, P.M. 71087
Griffin, P.M. *see* Yee, S.R. 75880
Griffin, P.S. *see* Williams, K.A. 72853
Griffin, R.D., Lee, J.N. Acousto-optical wideband correlator system: design, implementation, and evaluation 94222
Griffin, R.D. *see* Matthews, G.D. 75888
Griffioen, J. *see* Yavatkar, R. 74926
Griffioen, W. Strippability of optical fibres 50471
Griffioen, W. Mechanical lifetime of optical fibers 82615
Griffioen, W. Mechanical lifetime model for optical fibers in water 94093
Griffis, D.P. *see* Kimball, J.F. 93248
Griffis, P.D., Lipoff, S.J. At the crossroads of the information highway: new technology directions in consumer electronics 52667
Griffith, J., Robins, G., Salowe, J.S., Tongtong Zhang Closing the gap: near-optimal Steiner trees in polynomial time 91777
Griffith, J.E., Marchman, H.M., Hopkins, L.C., Pierrat, C., Vaidya, S. Dimensional metrology of phase-shifting masks with scanning probe microscopes 62564
Griffith, J.E. *see* Marchman, H.M. 87260
Griffith, M. *see* Boon Liang 96664
Griffith, R.V. *see* Ambrosi, P. 67652
Griffith, R.V. *see* Murakami, H. 67653
Griffiths, B., Orlando, A., Berning, S. Accuracy projections for PENANT (Performance Enhanced Navigation using Neural Network Technology) 59499
Griffiths, B.J. *see* Wang, Y. 64794
Griffiths, G. Improved underway ADCP data quality through precise heading measurement 77557
Griffiths, G., King, B.A., Cooper, E.B. Precise measurements of ship's attitude using satellite navigation 97494
Griffiths, G. *see* Dunne, M.C.M. 98741
Griffiths, H., Jossinet, J. Bioelectrical spectroscopy from multi-frequency EIT 67571
Griffiths, H. *see* Charlton, T. 78211
Griffiths, H. *see* Charlton, T.E. 53834
Griffiths, H. *see* Hughes, T.A.T. 67583
Griffiths, H.D. Bistatic radar—principles and practice 86598
Griffiths, H.D., Griffiths, J.W.R., Cowan, C.F.N., Eiges, R., Rafik, T. Processing techniques for circular sonar arrays 97465
Griffiths, H.D., Vinagre, L. Design of low-sidelobe pulse compression waveforms 64475
Griffiths, H.D., Wilkinson, A.J. Improvements in phase unwrapping algorithms for interferometric SAR 52645
Griffiths, H.D. *see* Cudlip, W. 77272
Griffiths, H.D. *see* Khosrowbeygi, A. 87488
Griffiths, I. *see* Williams, P.J. 86418
Griffiths, J.R. 3 volt MMIC power amplifier for wireless phones 80727
Griffiths, J.W.R. *see* Chia, L.T. 52241
Griffiths, J.W.R. *see* Griffiths, H.D. 97465
Griffiths, L.J. *see* Castedo, L. 84443
Griffiths, L.J. *see* Ching-Yih Tseng 95533
Griffiths, L.J. *see* Feldman, D.D. 57549
Griffiths, L.J. *see* Feldman, D.D. 84531
Griffiths, L.J. *see* Tseng, C.-Y. 84530
Grigas, G. Impact of the electronic mail on teaching of computer programming 85606
Grigg, C. *see* Becker, C. 53608
Grigg, C. *see* Becker, C. 68022
Grigg, C. *see* Becker, C. 88965
Grigg, C.H. *see* Allan, R.N. 59672
Grigg, K. *see* Hoech, R. 65724
Griggs, J.R., Der-Fen Liu, D. The channel assignment problem for mutually adjacent sites 91282
Grignon, M. *see* Poloniecki, J.G. 53068
Grigonis, A. *see* Galdikas, A. 81537
Grigoras, V.D. Discrete chaotic circuit performs analog to digital conversion 92319
Grigorash, O.V. *see* Atroshchenko, V.A. 100048
Grigorenko, A.N. *see* Nikitin, P.I. 63500
Grigorescu, S.-D., Iliescu, C., Pantelimon, B. A sensor self-heating method for lead's resistance compensation in two wires RTD's measurements 87118
Grigor'ev, A.S. *see* Kuznetsov, V.G. 99500
Grigor'ev, S.V. *see* Belenov, E.M. 72934
Grigor'ev, V.A., Michanov, B.V., Pertsovich, G.Yu. Phase method of measuring the signal in polarimetric sensors 87237
Grigor'ev, V.A., Mikhailov, B.V. Phase method of measuring a signal in fiber-optic birefringence-type sensors 87257
Grigor'ev, V.P. Electromagnetic radiation emission in a coaxial triode with a virtual cathode 94776
Grigor'ev, Y.N., Zvonareva, O.D., Karnaukhov, I.M., Shcherbakov, A.A. About accuracy of measurements of fringing magnetic field characteristics 76172
Grigor'ev, Yu. *see* Efimov, S. 76546
Grigoreva, G.M. *see* Koshelev, O.G. 69002
Grigor'evskii, V.I., Zhdapov, E.Yu., Krikupov, A.I., Sokolov, D.V., Shashkin, S.B. Dispersive delay lines based on surface acoustic waves with phase weighting 82224
Grigoriadis, K.M., Frazho, A.E., Skelton, R.E. Application of alternating convex projection methods for computation of positive Toeplitz matrices 69849
Grigorieff, N. *see* Duan, X.F. 81316
Grigoriev, D.Yu., Karpinski, M., Odlyzko, A.M. Existence of short proofs for nondivisibility of sparse polynomials under the extended Riemann hypothesis 69791
Grigoriu, C. *see* Sandu, V. 79932
Grigoropoulos, C.P. *see* Qiu, T.Q. 53074
Grigorov, V.A. *see* Mironov, V.P. 83278
Grigoryan, A.M. *see* Agayan, S.S. 61064
Grigoryan, A.M. *see* Agayan, S.S. 61065
Grigor'yan, G.M. *see* Chumak, G.M. 82945
Grigoryan, Yu.I. *see* Papanyan, V.O. 56618
Grigor'yants, A.V., Dyuzhikov, I.N. Formation of a neuron-like pulsed response in a semiconductor resonator cavity with competing optical nonlinearities 73086
Grigsby, L.L. *see* Halpin, S.M. 68216
Grigsby, L.L. *see* Halpin, S.M. 78097
Grigsby, N.S. *see* Foo, T.K.F. 53375
Grigsby, S.S., Tsou, B.H. Visual processing and partial-overlap head-mounted displays 98235
Grigull, S. *see* Klein, W. 56024
Grijalba, J.M. *see* Florez, J. 59866
Grilikhes, V.A. *see* Soluyanov, A.A. 60464
Grill, R., Kny, E. Conventional and exotic superconductors for low temperature use 82347
Grill, R. *see* Hoschl, P. 61236
Grill, R. *see* Wagner, H. 90256
Grill, W. *see* Markwitz, A. 55534
Grill, W.M., Mortimer, J.T. Electrical properties of implant encapsulation tissue 98952
Grilli, S. *see* Cheng, A.H.-D. 79741
Grillo, A. *see* Rahn, J. 98693
Grillo, A. *see* Unno, Y. 98558
Grillo, D. Traffic engineering for mobile radio networks 52380
Grillo, D.C. *see* Ding, J. 72870
Grillo, D.C. *see* Ding, J. 94457
Grillo, D.C. *see* Han, J. 54884
Grillo, D.C. *see* He, L. 91516
Grillo, D.C. *see* Hua, G.C. 83103
Grillo, D.C. *see* Salokatve, A. 72873
Grimaldi, D. *see* Baccigalupi, A. 92650

Grimaldi, D. *see* Cennamo, F. 92317
Grimaldi, M. *see* Huang, W.M. 93676
Grimaldi, M.G. *see* Calcagnile, L. 81427
Grimaldi, U. *see* Ferraris, F. 66194
Grimal'skiy, V.V. *see* Burlak, G.N. 50389
Grimal'skiy, V.V. *see* Burlak, G.N. 93871
Grimalsky, V.V. *see* Gontar, I.A. 56192
Grimani, C. *see* Brunetti, M.T. 87957
Grimaud, P.-O., Touchard, G., Romat, H., Boudalaa, M., Morin, M.-F., Tanguy, A., Vielpeau, D. Construction of a method of measurement of static charges generated by the flow of transformer oil on insulating paper 58961
Grimaud, P.-O. *see* Romat, H. 57047
Grimaud, P.O. *see* Touchard, G. 90078
Grimbergen, C.A. *see* Kemmelings, J.G.C. 88488
Grimberger, C.A. *see* MettingVanRijn, A.C. 67568
Grimble, M. *see* Forrest, S. 99941
Grimble, M.J. H_2 inferential filtering, prediction, and smoothing with application to rolling mill gauge estimation 84199
Grimble, M.J. H_∞ inferential filtering, prediction and smoothing problems 84301
Grimble, M.J. *see* El-Sheikh, G. 59525
Grime, S., Durrant-Whyte, H.F. Data fusion in decentralized sensor networks 74215
Grimes, G.J., Sherman, C.J., Garvert, R.W., Peck, S.R., Honea, W.K., Helton, J.S., Jamison, W.W., Parzygnat, W.J., Bonanni, R., Nadler, R.J., Rausch, K.S., Thomas, J.J., Blyler, L.L., Jr. Packaging of optoelectronics and passive optics in a high capacity transmission terminal 94314
Grimes, J.S. *see* Kelly, T.P. 86306
Grimes, M.D., Major, J.M., Warnagiris, T.J. Pulsed power management and design philosophy in the T-1028A/FPS-85 radar transmitter 97416
Grimes, M.D., Major, J.M., Warnagiris, T.J. The T-1028A/FPS-85 radar transmitter design 97417
Grimm, K. *see* Hessenmuller, H. 86797
Grimm, K. *see* Hessenmuller, H. 97634
Grimm, K.A., Erickson, J.D., Anderson, G., Chien, C.H., Hewgill, L., Littlefield, M., Norsworthy, R. An experiment in vision based autonomous grasping within a reduced gravity environment 53504
Grimm, L. *see* Gutmann, P. 86844
Grimm, M. *see* Von Marquardt, J. 83746
Grimm, T. *see* Coleman, P. 67076
Grimm, T. *see* Walling, L. 67149
Grimm, T.L., Coleman, P.D. Control of longitudinal instabilities in the LEB 87904
Grimm, T.L. *see* Blank, M. 49744
Grimm, W.J. *see* Peatman, W.C.B. 62899
Grimmeiss, H.G. *see* Kissinger, G. 93148
Grimrath, H. 110 kV railway power supply. Planning arrangement procedure for the 110 kV Lehrte-Rathenow-Piort/Muldenstein railway power supply in Lower Saxony 90582
Grimsdale, R.L. *see* Pearce, S.F. 85915
Grimshaw, A.S. *see* Karpovich, J.F. 86644
Grimshaw, J. *see* Chiew, S.P. 91582
Grimshaw, M. *see* Daniels, M.E. 62275
Grimshaw, M.P., Ritchie, D.A., Burroughs, J.H., Jones, G.A.C. Effect of the proximity of an ex situ patterned interface on the quality of two-dimensional electron gases at GaAs/AlGaAs heterojunctions 55621
Grimshaw, M.P. *see* Arnone, D.D. 62879
Grimshaw, M.P. *see* Brown, K.M. 54887
Grimshaw, M.P. *see* Burroughes, J.H. 54885
Grimshaw, M.P. *see* Kurobe, A. 81969
Grimshaw, M.P. *see* Kurobe, A. 92994
Grimshaw, M.P. *see* Patel, N.K. 55629
Grimshaw, T. Nuclear Electric operations 60062
Grimshaw, T.J. *see* Smith, S.M. 78344
Grimsley, M. *see* Jervis, B.W. 98907
Grimsley, T.J. *see* Lane, R.L. 60796
Grimson, R.B. *see* Murphy, J.P. 52070
Grimson, W.E.L., Lozano-Perez, T., Noble, N., White, S.J. An automatic tube inspection system that finds cylinders in range data 91124
Grimson, W.E.L., Lozano-Perez, T., White, S.J., Wells, W.M., III, Kikinis, R., Ettinger, G.J. An automatic registration method for frameless stereotaxy, image guided surgery, and enhanced reality visualization 84809
Grimson, W.E.L. *see* Sarachik, K.B. 96015
Grinaker, S. *see* Tvete, K. 70658
Grinberg, A.A. Approximate dependence of the spontaneous emission rate on electron and hole concentrations 72815
Grinberg, A.A. Thermionic-tunneling-diffusion model of the laser current-voltage and power characteristics 72820
Grinberg, A.A. First and second harmonics of the laser response to current modulation 83082
Grinberg, G.S. *see* Khotuntsev, Yu.L. 91938
Grinde, R.B., Ventura, J.A. Minimax centre estimation for inspection of spherical parts 69620
Grinder, C.R. *see* de Vries, M.J. 98067
Grindlay, J.E. *see* Lum, K.S.K. 88320
Grindle, R.J. *see* Zouganeli, P. 82715
Grindley, P., Toker, S. Establishing standards for Telepoint: Problems of fragmentation and commitment 96522
Grinenko, S.G., Mikhailov, V.I., Sokolov, V.F. A device recording wide-band signals with a channel for service information 87345
Grinev, B.V. Principles of the creation of scintillation detectors for severe operation conditions 98630
Grinevich, V.S., Smyntyna, V.A. Electronic mechanism for absorptive sensitivity in semiconductor gas sensors 66534
Gringeri, S. *see* Mussman, H. 75424
Grinham, J., Spratt, M. Multimedia networking and IEEE 802.12 Demand Priority 52106
Grinham, J., Spratt, M. Multimedia applications and IEEE 802.12 demand priority 85696
Grinham, J. *see* Crutcher, L. 58122
Grini, P.G., Maehlum, H.S., Brendeng, E. In situ calibration of Coriolis flowmeters for high-pressure gas flow calorimetry 98372
Grinko, D.A., Krujchin, A.A., Naumovets, A.A., Kravets, V.G. Thermooptic matrix recording media on base of doped d-metals oxides 72291
Grinov, A.Yu., Zaikin, A.Ye. Millimeter wave phase antenna arrays with optic and electron-beam control. An overview 57210
Grinyaev, S.N., Karavaev, G.F., Chernyshov, V.N. Model for the interaction of electron waves with heterojunctions in GaAs/AlAs (001) 93021
Grion, N. *see* Bonutti, F. 98540
Grippe, J., Marsden, E., Marrufo, O., Regan, A., Rees, D., Ziomek, C. Design and results of the Radio Frequency Quadrupole RF system at the Superconducting Super Collider laboratory 70309
Grippe, J. *see* Cutler, R.I. 67077
Grippe, J. *see* Mynk, J. 67179
Grippe, J.M. *see* Rees, D.E. 66821
Griscom, D.L., Gingerich, M.E., Friebele, E.J. Model for the dose, dose-rate and temperature dependence of radiation-induced loss in optical fibers 72306
Griscom, D.L., Gingerich, M.E., Friebele, E.J., Putnam, M.A., Unruh, W. Evaluation of fast-neutron radiation effects in optical fibers for fusion reactor diagnostics 72315
Griscom, D.L. *see* Tsai, T.E. 63393
Griscom, D.L. *see* Williams, G.M. 63403
Grise, D. Wireless interconnection of personal communications: an overview of interconnection relating to three PCS architectures 86170
Grisel, A. *see* Demarne, V. 66565
Grisel, R., Tall, G. A DSP based architecture for real-time 2-dimensional fast Fourier transform on images 70643
Grishaev, S.I., Ignatov, S.M., Lisurenko, V.A., Maslennikov, L.A., Tisnek, N.I., Urutskoev, L.I. Energy resolution of CsI(Tl)-scintillator+silicon-photodiode detectors of gamma radiation 88136
Grisham, J.A. *see* McDonald, J.K. 92962
Grisham, J.A. *see* Syllaios, A.J. 92961
Grisham, T.M. *see* Burnham, J.T. 89333
Grishanov, B.I. *see* Anashin, V.V. 76538
Grishchenko, S.S. Scattering of electromagnetic wave at a body of revolution with a multilayer coating in the quasioptical region 51069
Grishin, A.M., Drobot'ko, V.F., Stasovskii, V.D., Khokhlov, V.A. Mutual-inductance bridge for measuring the diamagnetic response of thin-film superconductors 53016
Grishin, M.P. *see* Bikmatov, R.R. 58630
Grishin, S.V. *see* Krutchinsky, S.G. 49046
Grishina, A.V. *see* Galyatdinov, R.S. 56399
Grishkin, V.L. *see* Bubnov, V.P. 53930
Grishuk, Yu.G. *see* Akimov, V.A. 53286
Grisoni, L., Ansorge, M., Pellandini, F. Design of lattice wave digital filters in SPW environment 70253
Grist, I.J. *see* Rodger, R.M. 97701
Grist, T.M. *see* Swan, J.S. 53385
Griswold, N.C. *see* Kang, D.S. 57823
Gritsenko, K.P. *see* Petrov, V.V. 72287
Gritsenko, O.V., Lazarev, P.I. Side chains as the tunneling current regulators in protein elements of molecular electronics: a quantum-mechanical study 92839
Gritsinin, S.I. *see* Askaryan, G.A. 67881
Griva, G. *see* Profumo, F. 60521
Grivas, D.A. *see* Bhagvati, C. 74607
Grivet, M. *see* Barcia, E. 52035
Grivet, M.A. *see* Oliveira, C.L.C. 86582
Grizzle, J.W. *see* Elta, M. 62443
Grizzle, J.W. *see* Elta, M.E. 62432
Grizzle, J.W. *see* Rashap, B.A. 81504
Grno, L. Thermal wattmeter with direct AC/DC power conversion 87352
Grno, L., Polhoransky, P. Microwave power measurement by a nonsteady-state technique 53011
Grob, A. *see* Repplinger, F. 48958
Grob, J.J. *see* Repplinger, F. 48958
Grob, K., Pollak, V.L., von Rhoneck, C. Computerized analysis of students' ability to process information in the area of basic electricity 79184
Grobbelaar, G.B., MacLeod, L.M., Knothe, P.H. A pseudo bond graph approach to modelling the water-steam path of a boiler 78393
Grobelny, P.A. *see* Bandler, J.W. 80638
Grobelny, P.A. *see* Bandler, J.W. 92486
Grober, L.H., Hong, M., Mannaerts, J.P., Freund, R.S., Luftman, H.S., Chu, S.N.G. Interface analysis of dry etched and molecular beam epitaxial regrown AlGaAs 54838
Grober, L.H. *see* Hong, M. 56770
Grober, L.H. *see* Hong, M. 81480
Grober, L.M. *see* Wood, C.E.C. 81431
Grochal, P., Barlik, R., Olesinski, R. A novel polar control method for current controlled VSI-PWM inverters 78719
Grochenig, K. Orthogonality criteria for compactly supported scaling functions 79649
Grochowski, E.G., Hoyt, R.F., Heath, J.S. Magnetic hard disk drive form factor evolution 50365
Grodkiewicz, W.H. *see* Gavrilovic, P. 83010
Grodstein, J., Lehman, E., Harkness, H., Touati, H., Grundmann, B. Optimal latch mapping and retiming within a tree 92151
Grody, N.C. *see* Weng, F. 88754
Grodzinski, P. *see* Fan, L. 83051
Groeger, J.H. *see* Walton, M.D. 78096
Groen, F.C.A. *see* Orange, C.M. 74417
Groen, K. *see* Moghbelli, H. 68293
Groenen, P.A.C., Tekcan, O.F., Holscher, J.G.A., Brongersma, H.H. Loss of selectivity during W chemical vapor deposition on Si using the WF_6/SiH_4 process 55830
Groenen, W. Vision 2000—mobile radio networks on the road to global cellular networks 65688
Groenen, W. GSM and beyond 75245
Groenendijk, W. *see* Dekker, R. 79492
Groenewold, G., Lubbers, W.J. Systematic distortion analysis for MOSFET integrators with use of a new MOSFET model 92358
Groenou, A.B.van *see* van Groenou, A.B.
Groesch, J. *see* Becker, C. 53608
Groesch, J. *see* Becker, C. 68022
Groesch, J. *see* Becker, C. 88965
Groeseneken, G. *see* Bellens, R. 50005
Groeseneken, G. *see* Bellens, R. 81906
Groeseneken, G. *see* Degraeve, R. 62771
Groeseneken, G. *see* Van Houdt, J. 80326
Groeseneken, G. *see* Verhaege, K. 82011
Grogger, F. Distortion of travelling waves by impulsive corona in single-phase and polyphase systems. I. Corona model and results of computation 59906
Groh, H. *see* Lorenz, H. 53985
Groh, K.H., Loeb, H.W. State of the art of radio-frequency ion sources for space propulsion 53522
Groh, K.H., Loeb, H.W. State of the art of radio-frequency ion sources for space propulsion 67741
Grohmann, F., Ristic, A., Trilovsky, G. Austria enters the broadband age 96402
Grohmann, I. *see* Krause, S. 58876
Grohs, J. *see* Belgal, H. 62990
Grohs, J. *see* Burak, D. 50951
Groleau, N. Signal processing applications for experiments in space life sciences 76893
Groliere, F. *see* Jay, C. 56297
Groll', Kh., Zybin, A.B., Nimaks, K., Shnyurer-Pachan, K. Diode lasers in atomic absorption analytic spectroscopy: lowering of detection limits through the measurement of low absorption 73195
Groll, M. *see* Friedlmeier, G. 89745
Grolleau, G. *see* De Romemont, O. 96485
Grollmann, J. *see* Braun, K. 86150
Grolmusz, V. The BNS lower bound for multi-party protocols is nearly optimal 65037
Gromer, H. Requirements and data communications of district heating house stations 89552
Gromov, D., Pugachevich, V. Modified methods for the calculation of real Schottky-diode parameters 81778
Gromovenko, V.M., Opre, V.M. Electromagnetic processes in a high-voltage generator of controllable-length pulses with energy recuperation 60292
Gromzin, M.M. Information-cybernetic facilities stability relative to interference parameter variation 51115
Gronberg, J. *see* Alexander, J.P. 59072
Gronberg, J. *see* Alexander, J.P. 70305
Groneick, B., Grosse, S. New binary codes 73703
Gronert, E. Fax servers get a fix on incoming messages 74894
Gronert, E., Heywood, P. VAN gateway services: easy does it for e-mail 52055
Gronert, E. *see* Heywood, P. 96629
Groniecki, P., Ramiarinjaona, C.L., Rialland, J.F. Predetermination of the magnetic characteristics of stacked ferromagnetic sheets 63162
Gronlund, M., Laiholuoto, K., Pohjonen, H. A new heat detector for high volume building automation 87164
Gronqvist, H. *see* Fobelets, K. 55866
Gronsky, R. *see* Shih, Y.C. 79778
Gronsky, R. *see* Weng-Sieh, Z. 81189
Groos, P.J.M.Van *see* Van Groos, P.J.M.
Groot, J., Otten, M. SAR imaging of corner reflectors larger than the spatial resolution 88859
Groot, P.A.J.de *see* de Groot, P.A.J.
Groothius, S. *see* Lamson, M. 91066
Grootoonk, S., Spinks, T.J., Kennedy, A.M., Bloomfield, P.M., Sashin, D., Jones, T. The practical implementation and accuracy of dual

window scatter correction in a neuro PET scanner with the septa retracted 59288
Groover, R., Shu, W.K., Lee, S.S. Wire bond loop profile development for fine pitch-long wire assembly 81113
Gropp, K. *see* Braunstein, L. 89561
Groppelli, S. *see* Sberveglieri, G. 66254
Gros, P. How to use the cross ratio to compute projective invariants from two images 74612
Groscurth, H.-M., Bruckner, T., Kummel, R. Energy, cost, and carbon dioxide optimization of disaggregated, regional energy-supply systems 60041
Grosdidier, B. *see* Baglin, C. 59083
Grose, B. *see* Marshall, A. 54238
Grose, B.L. *see* Jorgensen, K.V. 97454
Grosek, O. Remarks concerning RSA-cryptosystem exponents 95127
Grosenbaugh, M.A. *see* Hover, F.S. 88815
Groshart, G. *see* Brees, A. 92613
Groshenko, N.A. *see* Vishnevskii, V.G. 63503
Groshens, T.J. *see* Bicknell-Tassius, R.N. 71283
Groshev, A.I., Slobodchuk, V.I., Vassiliev, P.D., Galberg, V.P. Operational safety improvement for RBMK-type reactors on the basis of technological channel leak modeling 99878
Grosky, W.I., Zhaowei Jiang Hierarchical approach to feature indexing 51697
Grosmaire, S. *see* Bouadma, N. 94304
Grosmaire, S. *see* Rose, B. 56813
Grosman, A. *see* Morazzani, V. 49767
Gross, A.D. Toward object-based heuristics 74567
Gross, B. *see* Busov, B. 90276
Gross, B.J., Sodini, C.G. 1/f noise in MOSFETs with ultrathin gate dielectrics 62847
Gross, C.A., Sell, R.S. Near-optimum capacitor allocation on distribution feeders for voltage control 68193
Gross, C.A. *see* Halpin, S.M. 78097
Gross, D.R. *see* Sage, M.G. 54500
Gross, F.B., Brown, W.J. Two analytic frequency dependent current density approximations for TE scattering from a conducting strip grating 73298
Gross, J.H. *see* Margo, V.A. 77761
Gross, M.E. *see* Charatan, R.M. 79960
Gross, P. Configuration of large UPS systems for super-critical applications 60369
Gross, R. *see* Lemke, S. 67298
Gross, R.S. *see* Leong, J.L. 89439
Gross, S. *see* Anderson, B.E. 88246
Gross, T.R. *see* Stichnoth, J.M. 51810
Gross, Y. *see* Berger, S. 70672
Grossberg, P. *see* Himel, T. 76560
Grosse, D. Keep metastability from killing your digital design 80263
Grosse, E., Hobby, J.D. Improved rounding for spline coefficients and knots 69801
Grosse, E. *see* Miskowiec, D. 98541
Grosse, I.R. *see* Katragadda, P. 81095
Grosse, P. *see* Berger, M.G. 62255
Grosse, S. *see* Groneick, B. 73703
Grosskopf, R. Prediction of urban propagation loss 73346
Grossman, B., Cosentino, P., Doi, S., Kumar, G., Vergese, J. Development of microbend sensors for pressure, load, and displacement measurements in civil engineering 98058
Grossman, B., Cosentino, P., Shinobu Doi, Kumar, G., Vergese, J. Fiber optic pore water pressure sensor for civil engineering applications 52938
Grossman, E.N. *see* Rice, J.P. 63307
Grossman, E.N. *see* Rice, J.P. 72232
Grossman, E.N. *see* Rosenthal, P.A. 56265
Grossman, W. Bearings-only tracking: a hybrid coordinate system approach 57607
Grossman, W.M. *see* Olson, T.E. 56707
Grossmann, A. *see* Flornes, K. 54803
Grossmann, B.E. *see* Higdon, N.S. 99175
Grossmann, B.E. *see* Ponsardin, P. 99176
Grossmann, C. *see* Carl, S. 91343
Grossmann, H.-J. *see* Weir, B.E. 71086
Grossmann, H.P. *see* Muller, P. 96617
Grossmann, I.E. *see* Raman, R. 54694
Grossmann, J.M. *see* Swanekamp, S.B. 90287
Grossmann, W. *see* Ho, Y.L. 51232
Grosso, G. *see* Claeyssen, F. 82296
Grosso, P. *see* Le Noane, G. 50469
Grosso, P. *see* Le Noane, G. 86513
Grosso, P.V., Burt, W.F., Morgen, M.J. Preparation, sensitometry, and use of microencapsulated, photoactive color toners 94246
Grosvenor, R.I. Analysis of rotating sensor method for cylindrical component measurement 60931
Grosvenor, R.I., Rowlands, H., Williams, J.H. Teaching quality and reliability engineering 60806
Grosz-Ngate, M. *see* Gay, G. 97704
Grot, A.C., Psaltis, D., Shenoy, K.V., Fonstad, C.G., Jr. Integration of LED's and GaAs circuits by MBE regrowth 82844
Grote, D. *see* Henestroza, E. 67051
Grote, D. *see* Yu, S. 67027
Groteluschen, E., Dutta, L.S., Zaage, S. Quasi-analytical analysis of the broadband properties of multiconductor transmission lines on semiconducting substrates 51172
Groteluschen, E., Dutta, L.S., Zaage, S. Quasi-analytical analysis of the broadband properties of multiconductor transmission lines on semiconducting substrates 83725
Grotemeyer, P., Tromel, J. VISYON: A project for synchronous transmission in the local network 85944
Groten, E. *see* Sohne, W. 65963
Grothe, H. *see* Tschernitz, M. 61922
Grotjohn, T.A. Ion sources for microfabrication 53226
Grotjohn, T.A., Tan, W., Gopinath, V., Srivastava, A.K., Asmussen, J. Modeling the electromagnetic excitation of a compact ECR ion/free radical source 53233
Grotjohn, T.A., Tan, W., Gopinath, V., Srivastava, A.K., Asmussen, J. Modeling the electromagnetic excitation of a compact ECR ion/free radical source 59056
Grotjohn, T.A. *see* Sun, C.J. 55917
Grotker, T. *see* Zepter, P. 52268
Grotstallen, H., Wiesing, J. Operation of asynchronous machines in the field-weakening regime 60228
Grotstollen, H. Line voltage modulation—a new possibility of PWM for three phase inverters 68704
Grotstollen, H. *see* Ludeke, H.-P. 68728
Grotstollen, H. *see* Sun, J. 100307
Grotstollen, H. *see* Sun, J. 100374
Grotzbach, M., Dirnberger, W., Redmann, R. Simplified predetermination of line current harmonics emitted by controlled six-pulse AC/DC converters 53610
Groutage, D.F. *see* Kirlin, R.L. 74091
Groux, P. *see* Devaud, M. 85869
Grove, C. *see* Roth, S.S. 71388
Grove, L. *see* Boiarsky, C. 90808
Grove, L.K. When the basics aren't enough: finding a comprehensive editor 79210
Grove, M.J., Hudson, D.A., Zory, P.S., Dalby, R.J., Harding, C.M., Rosenberg, A. Pulsed anodic oxides for III-V semiconductor device fabrication 71337
Grovenor, C.R.M. *see* Jenkins, R.G. 72258
Grover, A.K. *see* Lal, M. 63546
Grover, V., Fiedler, K.D., Teng, J.T.C. Exploring the success of information technology enabled business process reengineering 69478
Grover, V. *see* Segars, A.H. 51906
Grover, W.D., Venables, B.D. Statistically tailored binary sequence for improved error rate measurements in 256 QAM digital radio 86049
Grover, W.D. *see* MacGregor, M.H. 85435
Grover, W.D. *see* Slevinsky, J.B. 86433
Groves, G.W. *see* Bar-Shalom, Y. 74014
Groves, G.W. *see* Blair, W.D. 75531
Groves, K.M., Lee, M.C., Foster, J.C., Djuth, F.T. Ionospheric propagation effects on enhanced UHF radar backscatter 65910
Groves, K.M. *see* Lee, M.C. 83677
Groves, K.M. *see* Odom, D.B. 65913
Groves, T. *see* Herrup, D.A. 76562
Grow, R.W. *see* Bunch, K.J. 54766
Grozdanov, I. A simple and low-cost technique for electroless deposition of chalcogenide thin films 61330
Grozdanov, I., Ristov, M., Sinadinovski, G., Mitreski, M. Fabrication of amorphous Sb_2S_3 films by chemical deposition 91545
Groznetskii, B.N., Schteinberg, A.L., Kulikovskii, K.A. Optimal amplitude and phase-difference postdetector discrimination of the stochastic signal 51477
Grua, P. *see* de Mascureau, J. 67025
Grua, P. *see* Eyharts, Ph. 66799
Grub, A. *see* Miranda, J.M. 87497
Grubacic, S., Sadek, D. Microcontroller application for control of induction motors by changing voltage and frequency 68613
Grubbs, D. *see* Sanders, B. 65253
Grubel, S.J. *see* Fuller, L.F. 54410
Gruber, A., Mock, J., Fent, J., Frochtenicht, W., Goldner, D., Kiesling, C., Kobler, T., Kolanoski, H., Kramerkamper, T., Ribarics, P. Performance of backpropagation networks in the second-level trigger of the H1-experiment 88256
Gruber, A. *see* Franzke, B. 76402
Gruber, A. *see* Kiesling, C. 88254
Gruber, A. *see* Kramerkamper, T. 88257
Gruber, A. *see* Ribarics, P. 88255
Gruber, H. *see* Wernicke, G. 56983
Gruber, P., Todtli, J. Estimation of quasiperiodic signal parameters by means of dynamic signal models 51442
Gruber, P.L. *see* Ahamed, S.V. 85595
Gruber, R. *see* Pfistner, C. 72757
Grubin, H.L., Govindan, T.R., Stroscio, M.A. Nanostructure device simulations through the quantum Liouville equation in the coordinate representation 62913
Grubin, H.L., Kreskovsky, J.P., Govindan, T.R., Ferry, D.K. Uses of the quantum potential in modelling hot-carrier semiconductor devices 62641
Grubin, H.L. *see* Gaska, R. 81270
Grubor, D.P., Jelic, Z.V. Criteria for estimation of HF pulse distortion 94834
Grubrich, H. *see* Englmaier, A. 61470
Grudin, J. *see* Ishii, H. 96833
Grudinin, A. *see* Basiev, T. 72772
Grudinin, A.B. *see* Atkinson, D. 97238
Grudinin, A.B. *see* Loh, W.H. 56347
Grudzien, D. *see* Nassiri, A. 98388
Grudzien, D.M., Kustom, R.L., Moe, H.J., Song, J.J. Radiation measurements during cavities conditioning on APS RF test stand 76323
Gruen, D.M., Xianzheng Pan, Krauss, A.R., Shengzhong Liu, Jianshu Luo, Foster, C.M. Deposition and characterization of nanocrystalline diamond films 91622
Grueninger, H.W. *see* Petersen, K. 63320
Gruesbeck, W.G., Skowronski, V.D., Martinez, M., Watts, R.J. Using the Dynamic Environment Simulator for equipment testing 99057
Grugel, R.N., Hightower, J., Hmelo, A.B., Wang, T.G. Use of mechanical deflection to eliminate metallic vapor deposition on vacuum view ports 70106
Gruget, J. *see* Bourgoin, A. 65511
Gruhle, A. *see* Kasper, E. 62681
Gruhle, A. *see* Kasper, E. 62714
Gruhle, A. *see* Kasper, E. 93338
Gruhle, A. *see* Schumacher, H. 81844
Gruhle, A. *see* Schumacher, H. 92530
Gruhle, A. *see* Schuppen, A. 70869
Gruhler, U. *see* Harten, P.A. 86415
Gruijter, R.de *see* de Gruijter, R.
Grujic, L.T. *see* Shaaban, H. 77812
Grumann, E., Golub, J.E., Matusovsky, M., Rosenbluh, M. Active mode locking of a diode laser by a resonant tunneling diode 63804
Grumbach, S., Tahi, F. A new challenge for compression algorithms: genetic sequences 95508
Grun, J. *see* Ting, A. 76371
Grun, M., Hetterich, M., Becker, U., Giessen, H., Klingshirn, C. Wurtzite-type CdS and CdSe epitaxial layers I. Growth and characterization 69947
Grun, M., Hetterich, M., Klingshirn, C., Rosenauer, A., Zweck, J., Gebhardt, W. Strain relief and growth modes in wurtzite type epitaxial layers of CdSe and CdS and in CdSe/CdS superlattices 69994
Grun, M. *see* Giessen, H. 73014
Grunberg, F. *see* Opitz, B. 56556
Grunberg, P. *see* Baranov, A.N. 72892
Grunberger, B. *see* Karagiannis, D. 85572
Grunberger, W., Schmidt, M., Springmann, B. Solidification structures and magnetic properties of NdFeB alloys produced by twin-roller quenching technique 72017
Grunblatt, G. *see* Hoang Gia Ky 82461
Grund, C. *see* Hardesty, R.M. 77365
Grundbacher, R. *see* Chang, H. 81963
Grundler, D., Krumme, J.-P., David, B., Dossel, O. $YBa_2Cu_3O_7$ ramp-type junctions and superconducting quantum interference devices with an ultrathin barrier of $NdGaO_3$ 82398
Grundler, D. *see* David, B.R. 56281
Grundler, W. Biological effects of high frequency electromagnetic fields 77081
Grundlingh, M.L. Some characteristics of satellite-derived wave heights in the South Atlantic Ocean 77477
Grundmann, B. *see* Grodstein, J. 92151
Grundmann, L. *see* Schnabel, R.F. 54929
Grundmann, M., Tuerck, V., Christen, J., Schnabel, R.F., Stier, O., Bimberg, D., Kapon, E., Hwang, D.M., Caneau, C., Bhat, R. Strained InGaAs/GaAs quantum wires: modeling and optical properties 56809
Grundmann, M. *see* Droge, E. 75514
Grundmann, M. *see* Kirstaedter, N. 83054
Grundy, D.L. A computational approach to VLSI analog design 61829
Grundy, D.L. A computational approach to VLSI analog design 70779
Grundy, P.J. *see* Atkinson, R. 72496
Grundy, P.J. *see* Williams, P.I. 56198
Gruneberg, H. *see* Kreutz, R. 76649
Grunefeld, G., Beushausen, V., Andresen, P. Planar air density measurements near model surfaces by ultraviolet Rayleigh/Raman scattering 77111
Grunenfelder, R. Measurement techniques and equipment for b-ISDN 52231
Grunenfelder, R., Robert, S., Hubaux, J.-P., Braun, F. A performance study of the ethernet/DQDB interconnection 58177
Grunenfelder, R. *see* Rao, S. 58223
Grunenfelder, R. *see* Stock, T. 85982
Gruner, J. *see* Tachelet, W. 50688
Gruner, S.M., Barna, S.L., Wall, M.E., Tate, M.W., Eikenberry, E.F. Characterization of polycrystalline phosphors for area X-ray detectors 59234
Grunert, H. The testing of transient earth fult relays 60007
Grunert, W. *see* Sageev, P. 90818
Grunewald, B. Organisation of environmental protection in industrial premises 78259
Grunewald, W. *see* Schulz, S.E. 91642
Gruning, U., Gujrathi, S.C., Poulin, S., Diawara, Y., Yelon, A. Remote oxygen-containing hydrogen plasma treatment of porous silicon 71333
Grunnet-Jepsen, A., Solymar, L., Kwak, C.H. Effect of subharmonics on two-wave gain in $Bi_{12}SiO_{20}$ under alternating electric fields 83319
Grunnet-Jepsen, A. *see* Solymar, L. 94601
Grunwald, A.J. *see* Dorighi, N.S. 99073

Grunwald, R., Griebner, U. Segmented solid-state laser resonators with graded reflectance micromirror analysis 72965
Grunwald, R. *see* Koch, R. 56674
Grupen, M., Kosinovsky, G., Hess, K. The effect of carrier capture on the modulation bandwidth of quantum well lasers 94489
Grupen, R.A. *see* Stan, M.R. 61830
Grupen, R.A. *see* Stan, M.R. 70780
Grusell, E. *see* Crawford, J.F. 77054
Gruska, D.P. Real-time communication networks 58208
Gruskova, A. Magnetic properties of substituted barium ferrite powders 72069
Gruskova, A. *see* Michalikova, M. 72070
Gruskova, A. *see* Slama, J. 72061
Grutter, P. *see* Ruetschi, M. 72483
Grutzmacher, D. *see* Sadana, D.K. 62845
Grutzmacher, D.A. *see* Burghartz, J.N. 71611
Grutzmacher, D.A. *see* Burghartz, J.N. 80673
Gruver, M., Phan, N., Aipperspach, T., Hilker, S., Bartley, J. AS/400 PowerPC compatible semicustom technology 92258
Gruverman, A., Ponomarev, N., Takahashi, K. Domain nucleation during polarization reversal in lead germanate 93729
Gruwe, M. *see* Aoki, S. 53304
Gruyer, G.Herve *see* Herve Gruyer, G.
Gruzalski, G.R. *see* Bates, J.B. 60408
Gruzdov, V.G., Kosogov, A.O., Faleev, N.N. Ultrathin layers prepared by liquid-phase epitaxy in the system InGaAsP/InP 79860
Gruzevich, Yu.K., Soldatenkov, V.A., Stepura, A.V. Features of the development and fabrication technology of space-time light modulators for use in a broad spectral region 72473
Gruzinskis, V., Mitin, V., Starikov, E., Shiktorov, P. Noise and impedance of n^+-n-n^+ InP microwave generators 70881
Gruzinskis, V., Starikov, E., Shiktorov, P., Gricius, R., Mitin, V., Reggiani, L., Varani, L. Electronic noise and impedance field of submicron n^+nn^+ InP diode generators 92552
Gruzinskis, V., Starikov, E., Shiktorov, P., Reggiani, L., Saraniti, M., Varani, L. Response functions in submicrometre n^+nn^+ diode generators 61926
Gruzinskis, V., Starikov, E., Shiktorov, P., Reggiani, L., Varani, L. Response-function analysis of n^+-n-n^+ diode generators 61910
Gruzs, T.M. Harmonic current reduction techniques for computer systems 59711
Gruzs, T.M. The how's and why's of isolated grounding 68288
Gryaznov, G.M. *see* Andreev, P.V. 60074
Grybos, P. *see* Dabrowski, W. 98521
Grycewicz, T.J. Applying time modulation to optical joint transform correlators to improve target detection in high clutter/multiple-target environments 51580
Grycewicz, T.J. Applying time modulation to the joint transform correlator 74323
Grycz, Z. *see* Monahan, K.M. 87525
Grygiel, S. *see* Pierzchala, E. 55234
Gryka, J. *see* Kale, I. 61810
Grzech, A., Kasprzak, A. Static and quasi-static routing in integrated services digital networks 58212
Grzech, A., Kasprzak, A. An exact algorithm for the topology, capacity and multicommodity maximal flow assignment problem in a computer network 85368
Grzegory, I. Crystal growth of III-N semiconductors under high nitrogen pressure 79770
Grzegory, I., Krukowski, S., Jun, J., Bockowski, M., Wroblewski, M., Porowski, S. Stability of indium nitride at N_2 pressure up to 20 kbar 79771
Grzonka, D. *see* Dahmen, M. 87984
Grzybowski, R.R., Beckman, T.E. Characterization and modeling of ceramic multilayer capacitors to 500°C and their comparison to glass dielectric devices 80927
Grzybowski, R.R., Tyson, S.M. High temperature testing of SOI devices to 400°C 93085
Grzybowski, S., Molen, G.M., Sathishram, S., Davis, C.R., Daigle, E.B. Lightning performance tests on 115 kV transmission line models with spline ball ionizers 89260
Grzybowski, S., Molen, G.M., Sathishram, S., Jenkins, E.B. Comparison of measured and calculated CFO voltages for 115 kV and 230 kV substations 90316
Gsteiger, K. *see* Hess, G.T. 54545
Gu, B. *see* Morrison, J.M. 92769
Gu, C., Neelakanta, P.S., Ungvichian, V., Wahid, P.F. A microwave Gaussian-beam launcher with an active aperture-blockage to control the spot-size of the beam 51253
Gu, C., Yeh, P. Applications of photorefractive volume holography in optical computing 82789
Gu, C. *see* Xianmin Yi 94668
Gu, C.L., Li, L.R., Shao, K.R., Xiang, Y.Q. Anisotropic finite element computation of high density axially-laminated rotor reluctance machine 89844
Gu, C.L., Tao, X.S., Wei, Z.C., Huang, S.H. Numerical simulation of two-axis excitation generator with voltage vector control 89901
Gu, C.L., Wu, W., Shao, K.R. Magnetic field analysis and optimal design of DC permanent magnet coreless disc machine 90012
Gu, H., Asada, M., Shirai, Y. The optimal partition of moving edge segments 96012
Gu, H., Shirai, Y., Asada, M. MDL-based spatiotemporal segmentation from motion in a long image sequence 84810
Gu, H.-y. *see* Lee, L.-s. 84079
Gu, J. *see* Puri, R. 55064
Gu, J. *see* Puri, R. 92030
Gu, J. *see* Puri, R. 92098
Gu, M. *see* Dumas, P. 71070
Gu, M. *see* Dumas, P. 71071
Gu, N. *see* Lu, W. 49929
Gu, N. *see* Lu, W. 62599
Gu, N. *see* Lu, W. 81729
Gu, P. A knowledge-based inspection process planning system for coordinate measuring machines 91090
Gu, Q.S., Lee, L.C.K., Swamy, M.N.S. 2-D IIR digital filters for deinterlacing of video signals 95761
Gu, R.X., Elmasry, M.I. High-speed dynamic reference voltage (DRV) CMOS/ECL interface circuits 91977
Gu, S.D. *see* Bai, J.Z. 53324
Gu, S.Q., Reuter, E., Xu, Q., Panepucci, R., Chang, H., Chen, A.C., Adesida, I., Cheng, K.Y., Bishop, S.G. Photoluminescence of InGaAs/InP quantum dots 56526
Gu, S.Q. *see* Reuter, E.E. 82812
Gu, T., Awadelkarim, O.O., Fonash, S.J., Chan, Y.D. Degradation of submicron N-channel MOSFET hot electron reliability due to edge damage from polysilicon gate plasma etching 93379
Gu, T. *see* Awadelkarim, O.O. 81479
Gu, W.-J. *see* Harada, K. 61563
Gu, W.X. *see* Bai, J.Z. 53324
Gu, X., Pycock, S.J., Ellis, A.D., Spirit, D.M., Blank, L.C. The duobinary optical transmission for high capacity systems 65809
Gu, X. *see* Lipp, A. 65990
Gu, X. *see* Tatham, M.C. 75511
Gu, Y., Clark, R.L., Fuller, C.R., Zander, A.C. Experiments on active control of plate vibration using piezoelectric actuators and polyvinylidene fluoride (PVDF) modal sensors 71885
Gu, Z., Sethares, W.A. A geometrical view of blind equalization 84318
Gu Benyuan *see* Benyuan Gu
Gu Benyuon *see* Yang Guozhen 57005
Gu Bing-Lin *see* Bing-Lin Gu
Gu Changzhi *see* Changzhi Gu
Gu Chenglin, Li Langru Calculation of magnetic field, parameters and performance for axially-laminated anisotropic rotor reluctance machines 78591
Gu Donghong, Chen Qiying, Shu Juping, Tang Xiaodong, Jiang Moguang, Gan Fuxi A phthalocyanine film for optical storage 50449
Gu Donghong *see* Shu Juping 72295
Gu Donghong *see* Donghong Gu
Gu Feng *see* Feng Gu
Gu Gendai, Hao Yushan, Zeng Linna The proof of the damping positive character on mechanical oscillation of multimachine system 53601
Gu Guobiao Research process and prospect of evaporative cooling applied to hydro-generator 89722
Gu Guobiao *see* Xu Song 89208
Gu Hong, Liu Guosui, Zhu Xiaohua, Shen Weixin Time sidelobe suppression for random binary phase codes 74222
Gu Hongping *see* Hongping Gu
Gu Jian *see* Jian Gu
Gu Jie *see* Jie Gu
Gu Jin *see* Jin Gu
Gu Jin-sheng, Hu Xian-cheng On an essential estimate in the analysis of domain decomposition methods 61202
Gu Jinwen, Lu Chunliang A topologically based fast observable path search algorithm for power system observability 53603
Gu Kim Hyeog *see* Hyeog Gu Kim
Gu Li Jie *see* Jie Gu Li
Gu Ning *see* Ning Gu
Gu Peifu *see* Peifu Gu
Gu Qing *see* Qing Gu
Gu Qiuxin A design of a ten-valued decimal arithmetical unit based on continuous logic 92111
Gu Qunshan *see* Qunshan Gu
Gu Ruowei *see* Ruowei Gu
Gu Shang-Jie *see* Shang-Jie Gu
Gu Shulin *see* Shulin Gu
Gu Shuming *see* Liu Zhimin 78411
Gu Shusheng, Xiao Jilie Robust control of induction motors via feedback linearization 89983
Gu Shusheng *see* Xiao Jilie 89984
Gu SiYang, Shi PengFei, Li JieGu 3D object recognition using qualitative features 95919
Gu Suhua *see* Zhang Zhenming 53858
Gu Tieer *see* Tieer Gu
Gu Wen-Qi *see* Ahlen, S. 98641
Gu Xiaogang *see* Xiaogang Gu
Gu Xinli *see* Xinli Gu
Gu Xuedao *see* Xuedao Gu
Gu Yixin *see* Yixin Gu
Gu Yongchang *see* Yuan Bin 53606
Gu Yonghai *see* Yonghai Gu
Guaiana, G. *see* Bruyere, V. 79631
Guaita, P. *see* Baglin, C. 59083
Gualdrini, G.F., Padoani, F. Monte Carlo code comparisons for the calculation of absorbed dose per unit fluence in slab phantoms for electron energies from 50 keV to 10 MeV 88592
Gualdron, O., Arsenault, H.H. Improved invariant pattern recognition methods 64886
Gualtieri, D.M. Cathodoluminescence of Ce:$La_2Be_2O_5$ single crystals 72576
Gualtieri, J.G. *see* Ballato, A. 93860
Guamieri, A.M. *see* Gatelli, F. 77721
Guamieri, M. *see* Bellina, F. 82431
Guan, C., Chen, Y., Wu, B. Direct modulation on LPC coefficients with application to speech enhancement and improving the performance of speech recognition in noise 73857
Guan, C.L. *see* Lu, D.L. 53198
Guan, D., How, H., Carosella, C., Vittoria, C. Magnetically tunable band-pass filter utilizing coplanar-slotline junction 49627
Guan, H.H. *see* Cox, M.D. 68935
Guan, L. Image restoration by a neural network with hierarchical cluster architecture 64797
Guan, L., Pusarla, C., Halkias, G., Christou, A. Module level performance simulator for the figure of merit of electrical and optical interconnects 50711
Guan, S. *see* Homaifar, A. 48824
Guan, X. *see* Francois, V. 82957
Guan, Y., Zory, P.S., Pathengy, B., Anderson, T.J. Photopumped lasing for evaluating the potential of new materials for use in light-emitting devices 72886
Guan, Y.Z. *see* Bai, J.Z. 53324
Guan, Z. Logic realization using mixed representations based on Reed-Muller forms 49343
Guan, Z., Thomson, P., Almaini, A.E.A. A parallel CMOS 2's complement multiplier based on 5:3 counter 93602
Guan, Z.F. *see* Pappert, S.A. 56422
Guan, Z.P. *see* Yang, B.J. 63557
Guan Boran *see* Liang Changhong 91690
Guan Cuntai *see* Cuntai Guan
Guan Jenn-Ming *see* Jenn-Ming Guan
Guan Ke-Jian *see* Guo Jian-En 86488
Guan Lian *see* Lian Guan
Guan Shouping *see* Tang Jiaheng 100829
Guan Shuilong *see* Liu Xuanyi 99747
Guan Tut San *see* Tut San Guan
Guan Xiaohong *see* Xiaohong Guan
Guan Xiaoming *see* Chen Jianmin 78361
Guan Zhicheng, Xue Jiaqi, Liang Xidong The economic analysis of using composite insulators on the EHV transmission line of Three Gorges Project 99696
Guan Zhicheng, Xue Jiaqi, YuSuzhu, Xu Guangbao Using and developing of method to prevent flashover of polluted insulators in China 53785
Guan Zhicheng *see* Zhang Renyu 99737
Guan Zhihong, Liu Yongqing, Wen Xiangcai Study on some fundamental theories of singular measure differential systems with impulse effect 79523
Guan Zhihong, Wen Xiangcai, Liu Yongqing Variation of the parameters formula and the problem of BIBO for singular measure differential systems with impulse effect 54780
Guan-Chyun Hsieh, Jeng-Feng Tsai, Mao-Fu Lai, Jung-Chien Li Design of power factor corrector for the off-line isolated buck/boost converter by a voltage-follower technique 90150
Guan-Chyun Hsieh, Jung-Chien Li, Ming-Huei Liaw, Jia-Perng Wang, Tsai-Fu Hung A study on full-bridge zero-voltage-switched PWM converter: design and experimentation 100333
Guan-Chyun Hsieh, Mao-Fu Lai, Yen-Pei Wu Analysis and design of frequency-controlled oscillator for frequency-locked stepping position control system 90049
Guan-Jye Chen, Cerrina, F., Voss, K.F., Hyde Kim, K., Brown, F.C. Ray-tracing of X-ray focusing capillaries 88299
Guan-Jye Chen, Guo, J.Z.Y., Cerrina, F. Applications of faceted mirrors to X-ray lithography beamlines 88283
Guan-Long Tan, Hill, R.J. The measurement techniques of the statistical distribution spectra of the turbulence effects of laser beam propagating in the atmosphere and their applications in remote sensing 99164
Guan-Wu Wang, Terng-Jie Lin, Wen-Chung Liu, Shu-Yuan Yang A low cost DBS low noise block downconverter with a DR stabilized MESFET self-oscillating mixer 86304
Guan-Zong Wang *see* Zao-Cheng Zhai 58978
Guanchang Jin, Naikeng Bao, Chung, P.S. Applications of a novel phase-shift method using a computer-controlled polarization mechanism 87512
Guanchang Jin *see* Jin Guanchang
Guanfu Sun, Stynes, M. Finite element methods on piecewise equidistant meshes for interior turning point problems 91396
Guang Chen *see* Tingjie Zhao 63688
Guang Gong, Guo Zheng Xiao Synthesis and uniqueness of m-sequences over GF(q^n) as n-phase sequences over GF(q) 83965

Guang Li *see* Li Guang
Guang Liu *see* Liu Guang
Guang Sup Cho *see* Jae Do Kim 71449
Guang-Bao, R., Wang Zhan-Guo, Xu Bo Theoretical investigation of the dynamic process of the illumination of GaAs 92941
Guang-Bin Yang An optimal strategy for capacitor burn-in 80920
Guang-Bo Gao, Sterner, J., Morkoc, H. High frequency performance of SiC heterojunction bipolar transistors 71601
Guang-Bo Gao *see* Hara, T. 93136
Guang-Hui Hsu, Xue-Ming Yuan Transient solutions for denumerable-state Markov processes 91223
Guang-Jye Shiau, Chih-Ping Chao, Burrows, P.E., Forrest, S.R. Low-threshold 1.3-μm wavelength, InGaAsP strained-layer multiple quantum well lasers grown by gas source molecular beam epitaxy 79776
Guang-Ping Tang *see* Lubnow, A. 69986
Guang-Pu Wei *see* Wei Guang-Pu
Guang-Sheng Wang *see* Ping-Yan Wang 99618
Guang-Yu Zhang *see* Zhang Guang-Yu
Guangbao Xu *see* Xu Guangbao
Guangbin Lian, Billinton, R. Operating reserve risk assessment in composite power systems 88990
Guangbin Lian *see* Billinton, R. 78192
Guangchang Wang *see* Wang Guangchang
Guangfei Cheng *see* Cheng Guangfei
Guanggan Gao, Baowang Zhao The establishment of 10-500/$\sqrt{3}$kV power frequency voltage ratio standard apparatus and study of the calibration method 86841
Guangguo Bi *see* Hao Bi 95228
Guangguo Bi *see* Hui Tong 96181
Guangguo Bi *see* Qing Zhang 96980
Guangguo Bi *see* Zengjun Xiang 84365
Guangguo Bi *see* Zengjun Xiang 97102
Guanghan Xu, Hongyuan Zha, Golub, G., Kailath, T. Fast algorithms for updating signal subspaces 95410
Guanghan Xu, Kailath, T. Fast subspace decomposition 51441
Guanghan Xu, Youngman Cho, Kailath, T. Application of fast subspace decomposition to signal processing and communication problems 64492
Guanghan Xu *see* Cho, Y.M. 55685
Guanghan Xu *see* Lang Tong 74160
Guanghua Chen *see* Fangqing Zhang 48996
Guanghua Chen *see* Fangqing Zhang 70155
Guanghui Hui *see* Hui Guanghui
Guanghui Wei *see* Jian Guo Xin 56606
Guanghui Wei *see* Wei Guanghui
Guanghui Zhang *see* Zhang Guanghui
Guangjie Chen *see* Chen Guangjie
Guangju Chen *see* Chen Guangju
Guangming Yin, Sansen, W. A high-frequency and high-resolution fourth-order $\Sigma\Delta$ A/D converter in BiCMOS technology 80398
Guangming Zhou *see* Zhou Guangming
Guangqiu Tong *see* Tong Guangqiu
Guangshan Jiang, Chi-Wang Shu On a cell entropy inequality for discontinuous Galerkin methods 48889
Guangsheng Wang *see* Wang Guangsheng
Guangwei Yuan Existence and uniqueness of the classical solution for the steady-state electrochemical machining problem 100969
Guangwei Yuan, Zuhan Liu Existence and uniqueness of the C^{α} solution for the thermistor problem with mixed boundary value 70938
Guangwen Pan, Gaofeng Wang Spectral domain analysis of microstrip floating line structures by wavelet expansion method 94911
Guangwen Pan *see* Gaofeng Wang 83738
Guangwen Zhang, Honkanen, S., Najafi, S.I., Tervonen, A., Katila, P. Ion-exchanged glass waveguide Mach-Zehnder interferometers for wavelength multi/demultiplexing and the effect of thermal post-annealing on spectral transmission 82698
Guangwen Zhang, Honkanen, S., Tervonen, A., Chun-Meng Wu, Najafi, S.I. Glass integrated optics circuit for 1.48/1.55- and 1.30/1.55-μm-wavelength division multiplexing and 1/8 splitting 65772
Guangxi Li *see* Li Guangxi
Guangxi Zhu *see* Zhu Guangxi
Guangxin Yue *see* Yue Guangxin
GuangXing Wang *see* Wang GuangXing
Guangxue Wang *see* Wang Guangxue
Guangyi Wang *see* Wang Guangyi
Guangyin Zhang *see* Jiachun Deng 63998
Guangyou Fang *see* Fang Guangyou
Guangyou Li *see* Li Guangyou
Guangyu Qian *see* Qian Guangyu
Guangyu Tu *see* Zhengliang Bu 59913
Guangyu Tu *see* Tu Guangyu
Guangyu Wei *see* Wei Guangyu
Guangzhao Xu *see* Aiguo Fei 93292
Guangzhao Xu *see* Lin Jiang 71172
Guangzheng Yang *see* Yang Guangzheng
Guangzhi Xu *see* Dawen Wang 62177
Guanhua Liu *see* Liu Guanhua
Guanming Gao *see* Gao Guanming
Guanqing Sun *see* Sixiao Zheng 53241
Guanqing Sun *see* Sixiao Zheng 53242
Guanqing Sun *see* Sun Guanqing
Guanrong Chen, Cetin Kaya Koc Computing matrix-valued Nevanlinna-Pick interpolation 79670
Guanrong Chen *see* Koc, C.K. 74013
Guanrong Chen *see* Koc, C.K. 91364
Guanshen Zhang *see* Horner, J.L. 72539
Guanshen Zhang *see* Javidi, B. 57660
Guanshen Zhang *see* Javidi, B. 84900
Guanyu Liu *see* Liu Guanyu
Guanyuan Qiu *see* Qiu Guanyuan
Guanzhong Dai *see* Dai Guanzhong
Guaragnella, C. *see* Cafforio, C. 64833
Guard, D.R. *see* Hollier, M.P. 64358
Guarin, F.J., Longenbach, K.F. Contact resistance degradation in z-axis connectors operated at burn-in temperatures 92667
Guarini, M., Caceres, J., Guesalaga, A., Cipriano, A., Olmedo, J., Lozano, H. A sensor for assessing the quality of the mineral flotation process 87548
Guarini, M., Urzua, J., Cipriano, A., Matus, M. Cardiac flow estimation using the radial arterial pressure waveform 53430
Guarini, M. *see* Guesalaga, A. 87549
Guarino, D.R. *see* Neff, J.A. 82864
Guarna, S. *see* Coluccia, M. 89190
Guarneri, R., Lanting, C.J.M. Frame relaying as a common access to N-ISDN and B-ISDN data services 65416
Guarneri, R.M., Resmini, L., Lanting, C.J.M. New IBC services in support of the border crossing trade in the European Community 51899
Guarnieri, A.Monti *see* Monti Guarnieri, A.
Guastavino, F. *see* Harsono, S. 81258
Guawei, Z. *see* Zhongliang, J. 64531
Guazzato, S. The obligatory marking of electrical goods 54644
Guba, G.A. Management of electrical loads to improve fuel economy—1993 Chrysler LH vehicles 78953
Gubaidulina, O.A. *see* Rayevsky, I.P. 82187
Gubankov, V.N. *see* Andreev, A.V. 63306
Gubankov, V.N. *see* Andreev, A.V. 87142
Gubanova, Zh.A. *see* Solodukha, A.M. 70720
Gubanski, S. *see* Holmgren, B. 90092
Gubanski, S.M., Windmar, D., Wankowicz, J. Leakage current and water drop induced surface flashover on polluted RTV coating 89343
Gubanski, S.M. *see* Danikas, M.G. 89327
Gubanski, S.M. *see* Wankowicz, J.G. 82166
Gubarev, M.V. *see* Ullrich, J.B. 88298
Gubbala, N., Singh, C. A fast and efficient method for reliability evaluation of interconnected power systems—preferential decomposition method 53628
Gubbala, N., Singh, C. A fast and efficient method for reliability evaluation of interconnected power systems—preferential decomposition method 77941
Gubbala, N. *see* Singh, C. 59780
Gubbala, N. *see* Singh, C. 88964
Gubbala, N. *see* Singh, C. 88964
Gubbala, N.V. *see* Singh, C. 67979
Gubbins, P.R., Curtis, K.M., Burniston, J.D. A hybrid neural network/rule based architecture used as a text to phoneme transcriber 95291
Gube-Lenhardt, M. *see* Steinhagen, H. 99188
Gubin, M.A. *see* Tyurikov, D.A. 86881
Gubin, V.P., Karpenko, V.A. Drive generator of a crystal piezoelectric vibrator with automatic frequency control 56167
Gubin, V.P. *see* Alekseev, E.I. 52883
Gubina, F. *see* Strmcnik, B. 61552
Gubiotti, R. *see* Chiricozzi, E. 68588
Gubkin, I.N., Kozlenkova, N.I., Nikulin, A.D., Polikarpova, M.V., Filkin, V.Ya. Experimental investigation of copper matrix longitudinal resistance in a composite Nb-Ti wire 82327
Gubler, L. *see* Wurz, P. 53312
Guckel, H., Christenson, T.R., Skrobis, K.J., Jung, T.S., Klein, J., Hartojo, K.V., Widjaja, I. A first functional current excited planar rotational magnetic micromotor 60262
Guckel, H., Christenson, T.R., Skrobis, K.J., Klein, J. Planar rotational magnetic micromotors 90046
Guckel, H., Jung, T.S., Seefeldt, J., Ott, G., Ahn, Y.C. A fully integrated, monolithic, cryogenic charge sensitive preamplifier using N-channel JFETs and polysilicon resistors 93672
Guckel, H., Skrobis, K.J., Christenson, T.R., Klein, J. Micromechanics for actuators via deep X-ray lithography 81583
Guckel, H., Skrobis, K.J., Klein, J., Christenson, T.R. Micromechanics via X-ray assisted processing 93287
Guckel, H., Skrobis, K.J., Klein, J., Christenson, T.R., Wiegele, T. Deep X-ray lithography for micromechanics 62591
Guckel, H. *see* Christenson, T.R. 78773
Guckel, H. *see* Jung, T.S. 80145
Gudefin, E. *see* Machmoun, M. 89953
Gudefin, E.J. *see* Sargos, F.M. 68560
Gudkov, V.V. The solvability of multipoint boundary case in a drift-diffusion one-dimensional model of a semiconductor multiport circuit 91694
Gudymov, E.A. *see* Solyakov, V.K. 89620
Gue Lee Jae *see* Jae Gue Lee
Guebeli, M. *see* Vaughan, I.D. 69172
Guedes Silveira, J., Dang, M., Idirene, N., Vonlanthen, F., Beeler, R., Danuser, A. High speed interworking architectures 58224
Guedon, J.-P., Bizais, Y. Bandlimited and Haar filtered back-projection reconstructions 88365
Guedry, F.E. *see* Lawson, B.D. 99060
Gueera Perez, J.M. *see* de Sande, J.C.G. 66649
Guekos, G. *see* Syvridis, D. 56906
Guekos, G. *see* Syvridis, D. 63835
Guel, G.R. Very large precision mask manufacturing: an innovative approach 62592
Guel, S. *see* Fleddermann, C.B. 54397
Guella, T.P. *see* Babu, B.N.S. 95027
Guella, T.P. *see* Fante, R.L. 73966
Guellati, S., Elandaloussi, H., Fretel, E., Himbert, M., Juncar, P. Spectroscopy of $^{127}I_2$ hyperfine structure near 532 nm using frequency-doubled diode-laser-pumped Nd:YAG lasers 83237
Guelton, N., Feuillet, G., Saint-Jacques, R.G., Dodelet, J.P. HREM study of GaAs layers grown on Ge by the close-spaced vapour transport technique 79829
Guemas, P. *see* Beach, M.A. 96546
Guena, J. *see* Cadiou, J.F. 92515
Guena, J. *see* Devaux, F. 82721
Guena, M., Wu, Z.Y., de Bougrenet de la Tocnaye, J.L. 120×100 pixel antiblooming array based on optically addressed ferroelectric liquid-crystal cells 63499
Guenais, B., Poudoulec, A., Guivarc'h, A., Ballini, Y., Durel, V., d'Anterroches, C. Structural quality of lattice matched $GaAs/Sc_{0.2}Yb_{0.8}As/(001)$ GaAs structures 81357
Guendouz, M. *see* Guyader, P. 81541
Guenel, P. *see* Bonenfant, S. 77092
Guennou, H. *see* Jamelot, G. 50729
Guenter, B.K., Hee Cheol Yun, Mersereau, R.M. Motion compensated compression of computer animation frames 57810
Guenther, S., Skvaril, P., Strachota, J. Slow control on HI experiment at HERA 53098
Gueorguiev, V.K. *see* Andreev, S.K. 66528
Gueorguiev, V.K. *see* Andreev, S.K. 66553
Gueorguiev, V.K. *see* Popova, L.I. 66554
Guerard, A., Turpin, E. Economic structures of research and development in communications 51894
Guerard, C.K. *see* Avignone, F.T. 67288
Guerci, J.R., Feria, E.H. Predictive-transform space-time processing for airborne MTI radar 86557
Guerci, J.R., Goetz, R.A., DiModica, J. A method for improving extended Kalman filter performance for angle-only passive ranging 95438
Guergouri, K., Ferah, M.S., Triboulet, R., Marfaing, Y. Study of the crystalline quality of CdTe, CdZnTe and CdMnTe substrates used for liquid phase epitaxy of $Cd_{0.7}Hg_{0.3}Te$ 48930
Guerguil, M. *see* Dini, M. 69469
Guerin, B.J. *see* Hur, K.Y. 71324
Guerin, C., Tanneau, G., Meunier, G., Brunotte, X., Albertini, J.-B. Three dimensional magnetostatic finite elements for gaps and iron shells using magnetic scalar potentials 83478
Guerin, C. *see* Schanen, J.-L. 80969
Guerin, F., Labeyrie, M., Guillon, P.Y. Experimental aspects of microwave chirality research 66669
Guerin, J. *see* David, J.P. 100745
Guerin, R. *see* Chen, J.S.-C. 96711
Guerin, R. *see* Cidon, I. 65325
Guerin, R. *see* Cidon, I. 85236
Guerin, R. *see* Georgiadis, L. 64929
Guerin, R. *see* Gopal, I. 85235
Guerin, R. *see* Gun, L. 58078
Guerin, Y. *see* Rigaill, D. 62572
Guern, A.J. *see* Javadi, H.H.S. 97217
Guerra, A.Del *see* Del Guerra, A.
Guerra, D.V., Coyle, D.B., Krebs, D.J. A completely solid state Ti:sapphire laser system for lidar and atmospheric spectroscopy 94374
Guerra, J.M. *see* Perez-Garcia, V.M. 82959
Guerra, J.M. *see* Weigand, R. 94366
Guerra, M. *see* Sadana, D.K. 93637
Guerra, M.A. *see* Anc, M.J. 93142
Guerraggio, A., Molho, E., Zaffaroni, A. On the notion of proper efficiency in vector optimization 69761
Guerrero, H., Escudero, J.L., Bernabeu, E. A magneto-optical tachometer for anti-lock braking systems using plastic optical fibre 54237
Guerrero, T.M., Tai, Y.-C., Chatziioannou, A., Yu, D.-C., Huang, S.C., Dahlbom, M., Hoffman, E.J. Evaluation and application of reprojection methods for 3D PET 98827
Guerrero, T.M., Tai, Y.-C., Morioka, C., Ricci, A.R., Huang, S.C., Hoffman, E.J. 3D PET reconstruction workstation. I. Design and construction 98826
Guerrero, T.M. *see* Lin, K.P. 98828
Guerrieri, R. *see* Guglielmi, N. 69615
Guerriero, P. *see* Cattarin, S. 60451
Guesalaga, A., Cabezas, F., Buvinic, D., Guarini, M., Cipriano, A. A multipurpose sensor for on-line measurement of quality variables in papermaking 87549
Guesalaga, A. *see* Guarini, M. 87548
Guesbaoui, H. *see* Touhami, O. 54033
Guess, F.M. *see* Young, T.M. 48727

Guessab, A. Some weighted polynomial inequalities in L^2-norm 79516
Guest, G. Pathways to engineering practice: Incorporated Engineer 69384
Guey-chi Guo *see* Wen-an Loong 62583
Gug Lee Wang *see* Wang Gug Lee
Gugelmann, P. An element management system for the ATM access unit family 85536
Guggenbuhl, W. From radio to key technology: electronics in our century 79124
Guggenbuhl, W., Jiandong Di, Goette, J. Switched-current memory circuits for high-precision applications 80509
Guggenmos, X. *see* Verhaege, K. 82011
Guglielmi, A. *see* Farilla, A. 52772
Guglielmi, F. *see* D'Andrea, N.A. 52266
Guglielmi, L. *see* von Apeldoorn, G. 88116
Guglielmi, M. Simple CAD procedure for microwave filters and multiplexers 70839
Guglielmi, M., Gheri, G. Rigorous multimode network representation of capacitive steps 57187
Guglielmi, M., Gheri, G. Multimode network representation of multiple inductive and capacitive obstacles in parallel plate waveguides 70816
Guglielmi, M. *see* Alvarez Melcon, A. 73442
Guglielmi, M. *see* Di Nallo, C. 80606
Guglielmi, M. *see* Frezza, F. 57265
Guglielmi, M. *see* Gheri, G. 55372
Guglielmi, M. *see* Hopf, B. 80829
Guglielmi, M. *see* Hopf, B. 92590
Guglielmi, M. *see* Karacaoglu, U. 92575
Guglielmi, N., Guerrieri, R., Mastretta, M., De Vena, L. Highly-constrained neural networks with application to visual inspection of machined parts 69615
Guglielmina, M. *see* Bollero, A. 50464
Guglielmini, R. *see* Beraud, R. 67398
Guglielminotti, E. *see* Boccuzzi, F. 98153
Guglielmo, M. *see* Pires, C. 57778
Gugliermetti, S. *see* Vici, A.D. 51995
Gugliotta, G., Machi, A. Preliminary benchmark of low level image processing algorithms on the ViP 1 parallel processor 57772
Guha, A. Optical packet switching architectures for distributed computing 52133
Guha, A., Reininger, D.J. Multichannel joint rate control of VBR MPEG encoded video for DBS applications 84921
Guha, P., Pavan, A. Real-time support of continuous and variable bit rate traffic on an ATM network 65398
Guha, S., Cheng, H., Haase, M.A., DePuydt, J.M., Qiu, J., Wu, B.J., Hofler, G.E. ⟨100⟩ dark line defect in II-VI blue-green light emitters 82834
Guha, S., Yang, J., Banerjee, A., Glatfelter, T., Hoffman, K., Xu, X. High efficiency multijunction amorphous silicon alloy-based solar cells and modules 90415
Guha, S., Yang, J., Banerjee, A., Glatfelter, T., Hoffman, K., Xu, X. Progress in multijunction amorphous silicon alloy-based solar cells and modules 100584
Guha, S. *see* Banerjee, A. 78827
Guha, S. *see* Banerjee, A. 100523
Guha, S. *see* DePuydt, J.M. 63839
Guha, S. *see* Kuo, L.H. 92957
Guha, S. *see* Wagner, S. 100589
Guha, S. *see* Xixiang Xu 100552
Guha, S.K. Advances in instrumentation for human reproduction research 88341
Guha-Thakarta, A. *see* Measures, R.M. 52888
Guharay, S.K., Allen, C.K., Reiser, M., Saadatmand, K. An ESQ lens system for low energy beam transport experiments on the SSC test stand 76418
Guharay, S.K., Allen, C.K., Reiser, M., Saadatmand, K., Chang, C.R. Efficient low-energy beam transport for intense, high-brightness H^- beams in high energy accelerators: perspectives and a solution using ESQ lenses 53125
Guharay, S.K., Allen, C.K., Reiser, M., Saadatmand, K., Chang, C.R. Efficient low-energy beam transport for intense, high-brightness H^- beams in high energy accelerators: perspectives and a solution using ESQ lenses 59042
Guharay, S.K., Reiser, M., Dudnikov, V.G. H^- beam based projection microlithography: a conceptual study of the beam parameters 53229
Guharay, S.K., Reiser, M., Dudnikov, V.G. H^- beam based projection microlithography: a conceptual study of the beam parameters 62598
Guhler, U., Schreck, H.G. Optical connection technology for exchange nodes 96943
Guhmann, C. *see* Bradatsch, T. 53988
Gui Luoning, Fan Changxin, Tie Manxia The architecture and experiment of the customer premises network for a microwave ATM network 85904
Gui Xianming, Teng Fushen Dynamic recognition and processing of reactive power and voltage 53682
Gui Yu *see* Wen-Lian Li 56528
Gui-Chuan Liu *see* Bo-Ping Hu 82259
Gui-Chuan Liu *see* Fu-Ming Yang 82247
Gui-Chuan Liu *see* Jifan Hu 71926
Gui-Liang Feng, Rao, T.R.N. A simple approach for construction of algebraic-geometric codes from affine plane curves 95104
Gui-Liang Feng, Tzeng, K.K. A new procedure for decoding cyclic and BCH codes up to actual minimum distance 95187
Gui-Liang Feng, Wei, V.K., Rao, T.R.N., Tzeng, K.K. Simplified understanding and efficient decoding of a class of algebraic-geometric codes 95103
Gui-Ming Hu *see* Hu Gui-Ming
Gui-Qing Li *see* Xiang-Wen Chen 92469
Gui-Rong Guo *see* Guo Gui-Rong
Gui-Song Wang *see* Wang Gui-Song
Gui-Xin Cheng *see* Shimizu, N. 95805
Gui-Young Hur *see* Kyoung-Whoan Suh 75240
Gui-Yue Jiao *see* Jiao Gui-Yue
Gui-zhen Gao *see* Zhen Guo 82939
Gui-Zhen Gao *see* Zhen Guo 94341
Guia, C.Quinones de la *see* Quinones de la Guia, C.
Guibert, J. *see* Bensaou, B. 65513
Guibert, M. *see* Clesca, B. 52596
Guibert, M. *see* Semenkoff, M. 86314
Guichang Xu *see* Xu Guichang
Guichao Hua, Ching-Shan Leu, Yimin Jiang, Lee, F.C.Y. Novel zero-voltage-transition PWM converters 60324
Guichao Hua, Lee, F.C. Evaluation of switched-mode power conversion technologies 90165
Guichao Hua, Lee, F.C. Soft-switching techniques in PWM converters 90201
Guichao Hua, Lee, F.C. An overview of soft-switching techniques for PWM converters 100228
Guichao Hua *see* Cho, J.G. 100266
Guide Wang *see* Wang Guide
Guidee, Ph. *see* Clerc, G. 67231
Guidi, M. *see* Bandelloni, G. 83025
Guidi, V. *see* Aleksandrov, A.V. 87901
Guidi, V. *see* Calabrese, R. 76741
Guidoni, U. *see* Dobrowolny, M. 88635
Guidotti, G., Marchesani, R. High speed serial data modem with modified Viterbi decoders 96892
Guiducci, A. *see* Pettiti, G. 75866
Guifang Wang A proof of Boesch's conjecture 69746
Guifen Zhang *see* Zhang Guifen
Guifeng Zhang, Guo, L.J., Zhengtang Liu, Xiulin Zheng Application of diamond-like carbon film as protection and antireflection coatings of ZnS elements 56505
Guigli, J. *see* Taylor, B. 67177
Guignard, G. Lattice scaling and emittance control in the CLIC main linac 87811
Guignard, G. Transverse stability in multibunch mode for CLIC 87928
Guignard, G., Carron, G., Millich, A., Thorndahl, L. Transverse wake fields in the CLIC transfer structure 87723
Guignard, M. *see* Chajakis, E.D. 79644
Guignard, P. *see* Hamel, A. 52484
Guihery, N., Durand, G., Lepetit, M.-B. Bistable mixed-valence molecular architectures for bit storage 55488
Guihery, N., Durand, G., Lepetit, M.-B., Malrieu, J.-P. Bistability in molecular donor-acceptor complexes 55489
Guijun Yao, Phillips, S., Norum, L. Three-phase inverters-analysis of ability to maintain symmetrical output voltages 90155
Guil Ann Sou *see* Sou Guil Ann
Guilbault, G.G. *see* Hlavay, J. 87308
Guilbert, B., Faltermeir, J.-F. The burst resistant pole transformer 54054
Guilbert, B., Faltermeier, J.F. A new medium/low voltage transformer for use in rural public distribution networks 60287
Guilfoyle, P.S., Hessenbruch, J.M. Reconfigurable N^4 optical interconnects using the PROMAC architecture 63518
Guilfoyle, P.S., Stone, R.V., Zeise, F.F. Digital optical interconnects for photonic computing (invited) 82786
Guilherme, J. *see* Finco, S. 91886
Guilhon, B.Blanc *see* Blanc Guilhon, B.
Guilhou, G., Chemla, J. Reorganization of a synchronous network based on digital cross-connects 96919
Guilin Xie *see* Xie Guilin
Guilin Zhang *see* Qiang Li 95904
Guiling Wang *see* Wang Guiling
Guillaud, G., Chaabane, R.B., Gamoudi, M. Characteristics of field-effect transistors using a nickel phthalocyanine 71633
Guillaud, J.-F. *see* Nava, M.D. 65064
Guillaud, X., Hautier, J.-P. Modelization concepts for static power converters control 54102
Guillaume, G. *see* Moszynski, M. 98544
Guillaume, J.-C. *see* Zahraman, K. 100553
Guillaume, P. *see* Beya, K. 78580
Guillaume, P. *see* Schoukens, J. 57471
Guillemaud, R., Grangeat, P. A circular multifocal collimator for 3D SPECT imaging 98820
Guillemet, J.P., Pieraggi, B., De Mauduit, B., Claverie, A. Crystallisation behaviour of amorphous thin Si films produced by low pressure chemical vapor deposition 79914
Guillemin, B.J. *see* Thomson, M.M. 95239
Guillemin, F., Dupuis, A. Indices of dispersion and ATM traffic characterization 96201
Guillemin, F., Monin, W. Analysis of cell clumping caused by ATM network GFC protocols 85287
Guillemin, F. *see* Lague, B. 74635
Guillemin, P. Universal motor control with fuzzy logic 68531
Guillemoles, J.F., Cowache, P., Massaccesi, S., Thouin, L., Sanchez, S., Lincot, D., Vedel, J. Solar cells with improved efficiency based on electrodeposited copper indium diselenide thin films 90397
Guillemoles, J.F., Lusson, A., Cowache, P., Massaccesi, S., Vedel, J., Lincot, D. Recrystallization of electrodeposited copper indium diselenide thin films in an atmosphere of elemental selenium [for photovoltaic devices] 79877
Guillemoles, J.F. *see* Thouin, L. 81260
Guillemot, C., Ansari, R. Two-dimensional filters with wideband circularly symmetric frequency response 96003
Guillemot, J. *see* Astrov, D.N. 66751
Guillemot, M.M. *see* Gonnard, P. 90040
Guillemot-Amadei, M.M., Gonnard, P., Troccaz, M. Studies on flaws in PZT ceramics used in underwater detection transducers 59614
Guillen, C., Herrero, J., Lincot, D. Photovoltaic activity of electrodeposited p-$CuInSe_2$/electrolyte junction 71258
Guillet, J. *see* Soler, R. 78042
Guilleux, B. Trends in computer-based solid state signal boxes 90586
Guillon, F., Hubert, S., L'Heureux, I. Amplitude dependent frequency shift of vibrating wires 53092
Guillon, P. *see* Baillargeat, D. 92470
Guillon, P. *see* Delpino, F. 49523
Guillon, P. *see* Madrangeas, V. 73440
Guillon, P.Y. *see* Guerin, F. 66669
Guillot, G. *see* Garcia Perez, M.A. 56594
Guillot, G. *see* Raynaud, C. 55669
Guillot, G. *see* Raynaud, C. 81370
Guillot, G. *see* Seghier, D. 49780
Guillot, M. *see* Anderson, B.E. 88246
Guillot, P. *see* Gentili, G.G. 70865
Guillot, P. *see* Sauviac, B. 70853
Guilloteau, D. *see* Tessier, L. 67489
Guillou, C., Prigent, C., English, S., Jones, D. Sea surface emissivity models at millimeter waves: validation from aircraft measurements at 89 and 157 GHz 77463
Guillou, L.C., Giachetti, J.-L. Encipherment and conditional access 75705
Guilloux, Y.Le *see* Le Guilloux, Y.
Guilmain, B.D. Midcourse space experiment (MSX), an overview of the program, organization, targets, and schedule 77794
Guimaraes, A.C.S. *see* Zhang, Y.T. 98894
Guimaraes, C., Olivier, G., April, G.-E. Simulation of a nonconventional high current low voltage power converter with EMTP 90140
Guimaraes, C. *see* El Kahel, M. 90141
Guimaraes, C. *see* Olivier, G. 68762
Guimaraes, P. *see* Allen, S.J. 71163
Guimaraes, P.S.S., Keay, B.J., Kaminski, J.P., Allen, S.J., Jr., Hopkins, P.F., Gossard, A.C., Florez, L.T., Harbison, J.P. Electrical transport properties of superlattices under intense terahertz electric fields 49797
Guimbail, H. *see* Baret, J.-P. 78284
Guimbal, P. *see* Iracane, D. 72927
Guinand, P. *see* Lodge, J. 73617
Guinand, P.S. *see* Lodge, J.H. 95218
Guindon, M.H. Understanding the role of self-esteem in managing communication quality 48605
Guinn, K.V. *see* Cheng, C.C. 93162
Guinot, M., Chaumont, J.-C. Record breaking SG replacement at Gravelines 1 78285
Guionnet, D. *see* Boudalaa, M. 48635
Guipan Yan *see* Yan Guipan
Guiraud, J.-L. *see* Ratajczak, P. 73485
Guirlet, R. *see* Specka, A. 76597
Guirong Guo *see* Shunping Xiao 86559
Guirong Guo *see* Guo Guirong
Guiroye, A.de *see* de Guiroye, A.
Guiru, J. *see* Guoxiao, R. 88165
Guise, D. *see* Butrym, A.M. 50700
Guisheng Liao *see* Liao Guisheng
Guissard, A. The Mueller matrix in radar polarimetric measurements 77279
Guissard, A. Wave spectrum and roughness spectrum for microwave observation of the oceans 77437
Guissard, A. Energy conservation for a perfectly conducting large scale surface 77485
Guissard, A. Mueller and Kennaugh matrices in radar polarimetry 88731
Guissard, A. Phase calibration of polarimetric radars from slightly rough surfaces 88857
Guissard, A., Sobieski, P. A simplified radiative transfer equation for application in ocean microwave remote sensing 88797
Guisto, P.P., Quaglione, G. Alternative strategies for a world wide cellular telephone network using nongeostationary satellites 65215
Guitart, J., Ruiz-Moreno, S. Experimental determination of the saturation parameter of a Sc. optical amplifier as preamplifier in WDM systems 50803

Guitart, J., Vizuete, M.M., Ruiz-Moreno, S., Garcia-Conde, E. Travelling wave semiconductor laser amplifiers as high speed all-optical inverters 72897

Guitart, P.R. How to calculate new DC motor parameters of a modified winding 78658

Guitton, M. *see* Crestel, J. 70617

Guitton, M. *see* Crestel, J. 98970

Guivarc'h, A. *see* Guenais, B. 81357

Guivarc'h, A. *see* Seghier, D. 49780

Guixiang Luo *see* Luo Guixiang

Guixing Zhou *see* Zhou Guixing

Guiying Xu *see* Xu Guiying

Guizani, M. Performance evaluation of optical systems for multistage interconnection networks 50631

Guizani, M. Design and power analysis of an optical buffer for data communications systems 52582

Guizani, M. *see* Al Ali, A.R. 52581

Guizeng Shi, Fukuda, A. Approximate analysis of a bidirectional looped dual bus network 52113

Gujrathi, S. *see* Malo, B. 72383

Gujrathi, S.C. *see* Gruning, U. 71333

Guk, I. *see* Ilimov, S. 76546

Gukhman, G. *see* Koltun, M. 69020

Gul, A. Specific features of electric arc and factors affecting the zero current as a basis for the estimation of breaking capacity of vacuum circuit-breakers 90253

Gul, M. *see* Bashir, A. 88172

Gulachenski, E. *see* Ball, G.J. 78722

Gulak, G. *see* Erfanian, J. 57333

Gulak, P.G. *see* Feygin, G. 56069

Gulak, P.G. *see* Feygin, G. 95506

Gulak, P.G. *see* Lowe, K.S. 91724

Gulak, P.G. *see* Schultz, K.J. 52275

Gulamova, R.R. *see* Ganeev, R.A. 53356

Gulati, N., Williamson, C.L., Bunt, R.B. Local area network traffic locality: characterization and application 65364

Gulbransen, D.J., Kojiro, J.K., Whitney, C.G., Mascitelli, R.O., Koch, T.L., Langell, M.S., Justice, A.J., Murphy, D.F. Producible high performance LWIR PV HgCdTe staring focal plane arrays 66490

Guldbakke, S. *see* Luszik Bhadra, M. 88177

Guldbrandsen, T. Synthesis of cyclically symmetric five-ports 80580

Gulden, K.H. *see* Kneissl, M. 94300

Guldi, R.L. Source/drain dislocations and electrical leakage in titanium-salicided CMOS integrated circuits 71783

Guldner, Y. *see* Warren, P. 93099

Guletsky, P.M. *see* Rosenquist, W.A. 89572

Gulevskii, S.I., Rokhlin, A.M., Usachev, A.P., Shramenko, S.G. Transistor synchronous AC electric drive based on standardized pulsed grid converters 69083

Gulia, M. *see* Bordone, P. 62285

Gulick, P., Mills, T. Active addressing of passive matrix displays 98233

Gulik, J.Van *see* Van Gulik, J.

Gulin, D. Global communications by submarine cabling system 96959

Gulis, I.M. *see* Bel'skii, A.M. 56690

Gulis, I.M. *see* Bel'skii, A.M. 94617

Gulko, M., Ben-Yaakov, S. Current-sourcing push-pull parallel-resonance inverter (CS-PPRI) theory and application as a fluorescent lamp driver 54105

Gulko, M., Ben-Yaakov, S. Current-sourcing push-pull parallel-resonance inverter (CS-PPRI): theory and application as a discharge lamp driver 69201

Gulko, M., Medini, D., Ben-Yaakov, S. Inductor controlled current-sourcing resonant inverter and its application as a high pressure discharge lamp driver 68805

Gulko, M. *see* Ivensky, G. 54077

Gull, G.E. *see* Hayward, T.L. 58790

Gull, G.E. *see* Stacey, G.J. 66416

Gullapalli, K.K., Miller, D.R., Neikirk, D.P. Wigner-Poisson simulation of memory switching heterostructure tunneling diodes 93312

Gullapalli, K.K., Tsao, A.J., Neikirk, D.P. Observation of zero-bias multi-state behavior in selectively doped two-terminal quantum tunneling devices 62666

Gullberg, G.T., Zeng, G.L. An elliptical orbit backprojection filtering algorithm for SPECT 59337

Gullberg, G.T. *see* Weng, Y. 59294

Gullberg, G.T. *see* Zeng, G.L. 59317

Gullberg, G.T. *see* Zeng, G.L. 95490

Gulley, M. *see* Donahue, J. 66950

Gulli, C. *see* Pellicux, L. 97722

Gullickson-Moffitt, M. *see* Young, D.B. 96611

Gullikson, E. *see* Mossessian, D.A. 88284

Gulliksson, M. Iterative refinement for constrained and weighted linear least squares 79680

Gulliver, T.A., Bhargava, V.K. Two new rate 2/p binary quasi-cyclic codes 95204

Gulliver, T.A. *see* Anand, K. 96129

Gulliver, T.A. *see* Bigloo, A.M.Y. 75205

Gulliver, T.A. *see* Kaye, A.R. 85873

Gulliver, T.A. *see* Qiang Wang 57329

Gulliver, T.A., Secord, N.P. *(editors)* Information Theory and Applications. Third Canadian Workshop Proceedings 60773

Gulski, E. *see* Krivda, A. 93698

Gultekin, S. *see* Al-Salch, M.A. 68985

Gultekin, S. *see* Al-Salch, M.A. 78799

Gulyaev, V.I., Vasil'eva, A.L., Koshkin, V.L. Transition to chaos of periodic waves in a nonlinear waveguide by a universal sequence of period-doubling bifurcations 57185

Gulyamov, G., Umarov, K.B. Effect of an intense microwave field on the current-voltage characteristic of a p-n junction with hot carriers 55631

Gum, J.R., Chisman, J.A. An operations research information system (ORIS) 91312

Gumbrecht, W., Peters, D., Schelter, W., Erhardt, W., Henke, J., Steil, J., Sykora, U. Integrated pO_2, pCO_2, pH sensor system for online blood monitoring 67444

Gumienny, Z. *see* Misiewicz, J. 72285

Gumlich, H.-E. *see* Zeinert, A. 72614

Gumlich, H.-E. *see* Zeinert, A. 81240

Gummadavelli, U. *see* Hari, K.V.S. 84459

Gummadi, V. *see* Abu-Amara, H. 75455

Gummow, R.J., de Kock, A., Thackeray, M.M. Improved capacity retention in rechargeable 4 V lithium/lithium-manganese oxide (spinel) cells 78788

Gummow, R.J., Thackeray, M.M. An investigation of spinel-related and orthorhombic $LiMnO_2$ cathodes for rechargeable lithium batteries 60407

Gun, L., Guerin, R. An overview of bandwidth management: procedures in high-speed networks 58078

Gun, L., Kulkarni, V.G., Narayanan, A. Bandwidth allocation and access control in high-speed networks 65440

Gun, L. *see* Kulkarni, V. 64957

Gun Kim Young *see* Young Gun Kim

Gun Oh Choong *see* Choong Gun Oh

Gun Woo Moon, Byeong Rim Jo, Hee Wook Ahn, Myung Joong Youn Improved predictive current control technique for a zero current switched buck-boost series resonant inverter 90212

Gun Woo Moon, Jung Ho Ko, Hyun Chil Choi, Kwan Yuhl Cho, Myung Joong Youn Quantum series resonant inverter for a DC motor drive 100828

Gun Yong Sung *see* Kwang Yong Kang 92494

Gunapala, S.D., Bandara, K.M.S.V., Levine, B.F., Sarusi, G., Park, J.S., Lin, T.L., Pike, W.T., Liu, J.K. High performance InGaAs/GaAs quantum well infrared photodetectors 66366

Gunapala, S.D., Bandara, K.M.S.V., Levine, B.F., Sarusi, G., Sivco, D.L., Cho, A.Y. Very long wavelength $In_xGa_{1-x}As/GaAs$ quantum well infrared photodetectors 52849

Gunapala, S.D., Park, J.S., Lin, T.L., Liu, J.K., Bandara, K.M.S.V. Very long-wavelength $GaAs/Al_xGa_{1-x}As$ infrared hot electron transistor 55914

Gunapala, S.D. *see* Choi, K.K. 87195

Gunapala, S.D. *see* Park, J.S. 58746

Gunapala, S.D. *see* True-Lon Lin 52870

Gunapala, S.D. *see* True-Lon Lin 66318

Gunarathne, G.P.P. A new real-time ultrasonic imaging system 53555

Gunaratne, G.H. *see* Miller, J.H., Jr. 93939

Gunaratne, H. *see* Miller, J.H., Jr. 72225

Gunaratne, L. Solar photovoltaic in Sri Lanka: a short history 100010

Gunasekaran, M. Polymer concrete high voltage insulators for the ocean environment 89326

Gunawan, E., Tan Pek Tong, Shi Nansi Survey of formal description techniques (FDTs) for protocol converter design 74726

Gunawan, E. *see* Tan Pek Tong 74762

Gunay, M. *see* Nunes, M.S. 52279

Guncer, S.E., Ferry, D.K. Disorder-induced intervalley scattering in photoexcited AlGaAs 62188

Gundavajhala, A. *see* Asija, A. 98285

Gundersen, M. *see* Liou, R. 71054

Gundersen, M. *see* Nakamura, K. 87878

Gundersen, M. *see* Pitchford, L. 76726

Gundersen, M.A. *see* Anders, A. 81126

Gundersen, M.A. *see* Hsu, T.-Y. 76725

Gundersen, M.A. *see* Hsu, T.-Y. 81609

Gunderson, C. *see* Hayden, J.D. 63040

Gunderson, C. *see* Mazure, C. 62846

Gunderson, C. *see* Mazure, C. 62849

Gundlach, K.-H. *see* Harris, A.I. 97505

Gundlach, K.H., Billon-Pierron, D., Rosengarten, M., Karpov, A., Lehnert, T., Rothermel, H. Double-barrier tunnel junctions for quasiparticle mixers 50401

Gundlach, K.H. *see* Rothermel, H. 66014

Gunduzhan, E., Cetin, A.E., Tekalp, A.M. DCT coding of nonrectangularly sampled images 84904

Guneriussen, T., Hogda, K.A., Sand, K. ERS-1 SAR for snow monitoring 77472

Guneriussen, T. *see* Pedersen, J.P. 77658

Gunes, D. *see* Lam, C.S. 93832

Gunes, F., Gunes, M., Fidan, M. Performance characterisation of a microwave transistor 92535

Gunes, M., Li, Y.M., Dawson, R.M.A., Fortmann, C.M., Wronski, C.R. Investigation of intrinsic defect states in hydrogenated amorphous silicon films using steady-state photoconductivity and sub-bandgap absorption 92916

Gunes, M. *see* Dawson, R.M.A. 100696

Gunes, M. *see* Gunes, F. 92535

Gunetti, M. *see* Cerruti, G. 58586

Guney, K. Radiation quality factor and resonant resistance of rectangular microstrip antennas 57257

Guney, K. Bandwidth of a resonant rectangular microstrip antenna 73494

Guney, K. Resonant frequency of a tunable rectangular microstrip patch antenna 73497

Guney, K. Comments on "On the resonant frequencies of microstrip antennas" 94966

Guney, K. Resonant frequency of electrically-thick circular microstrip antennas 95008

Gunin, D.D. *see* Saandar, D. 67904

Gunji, K. Real-time digital signal processing in a mixed-signal LSI test system 92422

Gunji, S., Sakurai, H., Noma, M., Takase, E., Sato, T., Misawa, H. A new design of hard X-ray polarimeter 88317

Gunji, S. *see* Sekimoto, Y. 67333

Gunji, S. *see* Takahashi, T. 76760

Gunji, S. *see* Tokanai, F. 88064

Gunluk, O. *see* Bienstock, D. 65102

Gunn, B.L. Artificial intelligence: no mystery, no magic 78000

Gunn, J.A., Dostalek, F.J. EPRI 25 kW high concentration photovoltaic integrated array concept and associated economics 100007

Gunnarsson, K.T. *see* Saab, S.S. 65863

Gunneflo, U. *see* Karlsson, J. 49349

Gunnell, J. Process analysis—an overview 66129

Gunnewiek, R.K. *see* van Slooten, J. 54394

Gunning, B. *see* Sindhu, P. 74705

Gunning, W.J. *see* Motamedi, M.E. 50914

Gunselmann, W. *see* Gretsch, R. 53745

Gunshor, R.L., Nurmikko, A.V. The first compact blue/green diode lasers—wide-bandgap II-VI semiconductors come of age 94455

Gunshor, R.L. *see* Ding, J. 72870

Gunshor, R.L. *see* Ding, J. 94457

Gunshor, R.L. *see* Han, J. 54884

Gunshor, R.L. *see* He, L. 91516

Gunshor, R.L. *see* Hua, G.C. 83103

Gunshor, R.L. *see* Nurmikko, A.V. 94487

Gunshor, R.L. *see* Nurnikko, A.V. 63593

Gunshor, R.L. *see* Salokatve, A. 72873

Gunster, S., Siebentritt, S., Meissner, D. Charge carrier photogeneration and transport in phthalocyanine/perylene thin film solar cells 60473

Gunter, P. Molecular crystals and Langmuir-Blodgett films for non-linear optics 63932

Gunter, P. *see* Bosshard, C. 50927

Gunter, P. *see* Duelli, M. 57021

Gunter, P. *see* Fluck, D. 73071

Gunter, P. *see* Knopfle, G. 73027

Gunter, P. *see* Pliska, T. 50570

Gunter, P. *see* Sonderer, N. 73097

Gunter, P. *see* Sonderer, N. 83339

Gunther, B. Energy consumption of electric road vehicles in comparison 60567

Gunther, C., Schnase, A., Meuth, H., Caspers, F. A bench set-up for low-beta beam-current test measurements with COSY 87710

Gunther, C. *see* Dolabdjian, C. 50421

Gunther, C. *see* Langlois, P. 94031

Gunther, C. *see* Robbes, D. 66714

Gunther, J. Private telecommunication in Eastern Europe 85565

Gunther, J. *see* Long, D.G. 77413

Gunther, M. *see* Greene, J. 99067

Gunther, M. *see* Weinstein, S.J. 52922

Gunther, M.F., Claus, R.O., Ritter, A., Tran, T., Greene, J. Intelligent process monitoring of multilayer ceramic actuators using high temperature optical fiber displacement sensors 98049

Gunther, M.F., Murphy, K., Claus, R., Tran, T.A. Plastic deformation analysis in metal using absolute optical fiber strain sensor 91672

Gunther, M.F., Zeakes, J.S., Leber, D.E., May, R.G., Claus, R.O. Sputtered metallic coatings for optical fibers used in high temperature environments 94117

Gunther, M.F. *see* Claus, R.O. 98068

Gunther, M.F. *see* Murphy, K.A. 98063

Gunther, W. *see* Geyer, S. 85997

Gunther, W.E., Subudh, M., Aggarwal, S.K. Recommendations for managing equipment aging in nuclear power plants 68396

Gunther-Kohfahl, S. *see* Neitzel, U. 53403

Guntherodt, H.-J. *see* Meyer, E. 71069

Guntherodt, H.-J. *see* Ruetschi, M. 72483

Gunttner, R. Exact bounds for the uniform approximation by cardinal spline interpolants 69804

Gunzel, R. *see* Bohm, G. 67261

Guo, B., Tanaka, E., Hasegawa, J. Uniform evaluation of generator control methods in a one-machine infinite-bus power system 59796
Guo, H. *see* Zhuang, Q.D. 70080
Guo, H.F. *see* Bai, J.Z. 53324
Guo, J., Lui, H.C. A multilayer perceptron post-processor to hidden Markov modeling for speech recognition 84025
Guo, J. *see* Kajfez, D. 98282
Guo, J. *see* Li, Z.C. 57704
Guo, J. *see* Schwartz, J. 63278
Guo, J. *see* Suen, C.Y. 64581
Guo, J.Z.Y. *see* Guan-Jye Chen 88283
Guo, L., Hezel, R. Studies on evaporated cesium incorporation in MIS inversion layer solar cells 69004
Guo, L.J. *see* Guifeng Zhang 56505
Guo, Q., Milenkovic, P. Optimal estimation of vocal tract area functions from speech signal constrained by X-ray microbeam data 88375
Guo, R. *see* Yu, F.T.S. 87236
Guo, R.S. *see* Wang, H. 63058
Guo, S., Chua, K.C., Lye, K.M. Rate-based headend request control protocol for MAN 65331
Guo, S.J. *see* Lee, M.K. 69972
Guo, S.X., Salam, F.M.A. The number of (equilibrium) steady-state solutions of models of power systems 99492
Guo, S.X. *see* Momoh, J.A. 88996
Guo, T.-H. *see* Saravanan, N. 67742
Guo, T.-H. *see* Saravanan, N. 77190
Guo, Y. *see* Ooi, B.T. 90112
Guo, Y. *see* Ramakrishna, K. 91042
Guo, Y.C., Zheng, B.Y. Models and performance analysis of integrated voice/data multiplexer 85246
Guo, Y.C. *see* Dou, S.X. 63273
Guo, Y.J., Barton, K. Offset Fresnel zone plate antennas 83813
Guo, Y.J., Sassi, I.H., Barton, S.K. Multilayer offset Fresnel zone plate reflector 73509
Guo, Y.N. *see* Bai, J.Z. 53324
Guo, Y.Y. *see* Bai, J.Z. 53324
Guo, Z. *see* Hwang, J.S. 54976
Guo, Z. *see* Hwang, J.S. 69559
Guo, Z.Y., Bai, X., Li, G.X., Qin, J., Qin, Q., Xu, G., Zhang, C., Zhang, X.L., Zhao, Z.T. Single beam phenomena in BEPC 87899
Guo Bao-Qi *see* Han Bo 54778
Guo Benfu The comprehensive considerations concerning the construction of the Three Gorges Project with its system development 53964
Guo Bihong The measurement method of the partial discharge at very high frequency in GIS 54123
Guo Bihong *see* Bihong Guo
Guo Bin *see* Guo Wenyuan 90242
Guo Bin *see* Bin Guo
Guo Caimei *see* Caimei Guo
Guo Der-Feng *see* Der-Feng Guo
Guo Ding-Li *see* Ding-Li Guo
Guo Duanyang *see* Duanyang Guo
Guo Feng-Zhen *see* Feng-Zhen Guo
Guo Guey-chi *see* Guey-chi Guo
Guo Gui-Rong *see* Hu Wei-Dong 85091
Guo Guirong *see* Chen Zhenping 86562
Guo Guirong *see* He Songhua 86560
Guo Guirong *see* He Songhua 86561
Guo Guirong *see* He Songhua 86564
Guo GuiRong *see* Lu Jun 85068
Guo Guirong *see* Xiao Huaitie 75634
Guo Guirong *see* Yu Wenxian 70804
Guo Guirong *see* Guirong Guo
Guo Guochuan *see* Lei Xiaomeng 53590
Guo Hengqun *see* Zeng Jinchuan 72561
Guo Hezhong *see* Hezhong Guo
Guo Huachong *see* Huachong Guo
Guo Huamin *see* Pan Zhongying 65889
Guo Jian-En, Guan Ke-Jian, Li Ling, Ye Peida Two channel CPFSK coherent FDM fiber communication system at 154 Mbit/s 86488
Guo Jianbo, Yin Yonghua, Yao Guocan Statistic and analysis for instability incidents in the bulk of power systems in 1981-1991 77996
Guo Jianen, Wan Zhongliang, Li Ling, Yei Peida High performance fiber-coupled Fabry-Perot interferometers 82601
Guo Jin *see* Jin Guo
Guo Jinn-Kwei *see* Jinn-Kwei Guo
Guo Jyh-Chyurn *see* Jyh-Chyurn Guo
Guo Kaizhou *see* Jiang Zunfu 92548
Guo Li *see* Li Qingquan 53965
Guo Lu-Rong *see* Chen Qi-Rui 50966
Guo Lurong *see* Lurong Guo
Guo Minyan *see* Ye Feng 59017
Guo Ning *see* Ning Guo
Guo Qi-Xin *see* Qi-Xin Guo
Guo Qiao Sheng *see* Xiao Ming Yuan 90180
Guo Qing Xu *see* Xu Guo Qing
Guo Qingding, Fu Qiang, Zhang Wanli, Ma Junfang A new variable structure sliding mode control of AC servo system based on alleviating the chattering 100085
Guo Qingding, Wang Limei, Fu Qiang, Ma Junfang, Yu Dongmei, Zhou Yali, Luo Ruifu Study and implementation of completely digital permanent magnet synchronous motor servo system based on multicomputer control 100811
Guo Qingding *see* Wang Limei 100172
Guo Shaozhang *see* Li Hong 56733
Guo Shi-Lun *see* Zhou Pei-De 88169
Guo Shi-Lun *see* Shi-Lun Guo
Guo Shize, Li Chunming, Sun Shenghe The effect of sampling noise on band-limited periodic signal measurement 97866
Guo Shize, Sun Shenghe, Zhang Zhongting A novel equivalent sampling method using in the digital storage oscilloscopes 98186
Guo Shize, Zhang Yiqun, Sun Shenghe The dynamic calibration of digital storage oscilloscopes in noise environments 98185
Guo Shize *see* Sun Shenghe 95493
Guo Shize *see* Zhang Zhongting 97772
Guo Shize *see* Zhang Zhongting 98175
Guo Siji Passive phase conjugate technique 83331
Guo Tzong-Yih *see* Tzong-Yih Guo
Guo Wei-Lian *see* Wei-Lian Guo
Guo Weilian, Zheng Yuanguang, Li Shurong, Zhang Rongmei A high performance low temperature silicon bipolar transistor 93350
Guo Wenxuan *see* Zhang Xiaolin 74470
Guo Wenyuan, Guo Bin, Xia Guoyi, Hu Liang The pressure calculation during its storage in arc chamber with self-energy quenching arc 90242
Guo Wenyuan, Yang Yongmin, Jia Zhihong The evaluation of energy transfer in pressure storage in SF_6 self-energy quenching arc chamber 90243
Guo Xin Jian *see* Jian Guo Xin
Guo Xiuming *see* Wang Huanquan 99969
Guo Yan *see* Yan Guo
Guo Yanchang *see* Gao Tie 73542
Guo Yanlin *see* Yanlin Guo
Guo Yanpeng *see* Yanpeng Guo
Guo Yimin *see* Yimin Guo
Guo Yiping, Forster, B.C. Study on real-time lossless data compression for remote sensing images 51680
Guo Yong *see* Zhang Jian 88589
Guo Yongkang *see* Yongkang Guo
Guo Yongping *see* Yongping Guo
Guo Yuan *see* Yuan Guo
Guo Yue, Wang Winxiang Simple analysis for EEPROM of Sun Sparc Station 80329
Guo Yuqing *see* Yuqing Guo
Guo Zhen *see* Zhen Guo
Guo Zhenfeng *see* Zhenfeng Guo
Guo Zheng Xiao *see* Guang Gong 83965
Guo Zhenqin *see* Wang Ping 97918
Guo Zhenqin *see* Wang Ping 97951
Guo Zhenyu *see* Zhenyu Guo
Guo Zhenzhou *see* Zhenzhou Guo
Guo Zhizhong *see* Zhu Wendong 88973
Guo Zhongyan *see* Liu Guanhua 59141
Guo-chun Liang, Chien-Fu Shih, Withers, R.S., Cole, B.F., Johansson, M.E., Suppan, L.P., Jr. Superconductive digital instantaneous frequency measurement subsystem 53038
Guo-Fong Chen *see* Wen Junding 55376
Guo-Gang Qin *see* Qin Guo-Gang
Guo-Gang Zhou, Fischer-Colbrie, A., Harris, J.S., Jr. I-V kink in InAlAs/InGaAs MODFETs due to weak impact ionization process in the InGaAs channel 56041
Guo-Long Wan, Chen-Yang Yang, Shao-Hong Li, Shi-Yi Mao A method of signal processing in a TWS information processing system 88689
Guo-Ping Wang *see* Wang Guo-Ping
Guo-Ping Xu *see* Xu Guo-Ping
Guo-Qiang Han *see* Han Guo-Qiang
Guo-Qing Hu, Chung-Ping Kwong, Zong-Ben Xu Two iterative encoding schemes for bidirectional associative memory 95172
Guo-Qun Zhong *see* Kapitaniak, T. 61500
Guo-Qun Zhong *see* Kapitaniak, T. 70268
Guo-Wei Cai *see* Cai Guo-Wei
Guo-Zhong Zhou A neural network approach to fault diagnosis for power systems 77978
Guo-Zhong Zhou, Ya-Ming Sun, Wan-Guo Zhu Expert system for switching operation planning in a dispatching centre 77933
Guobiao Gu *see* Gu Guobiao
Guocan Yao *see* Yao Guocan
Guochen Cao *see* Cao Guochen
Guocheng Sun *see* Sun Guocheng
Guochuan Guo *see* Guo Guochuan
Guodong Zhang *see* Asonen, H. 63774
Guofan Jin *see* Guoliang Huang 74365
Guofan Jin *see* Shulian Zhang 72956
Guofu Chen *see* Chen Guofu
Guofu Niu *see* Niu Guofu
Guofu Zhou *see* Zhou Guofu
Guogang Li *see* Xiaojun Shen 96258
Guoguang Mu *see* Mu Guoguang
Guohai Liu *see* Liu Guohai
Guohao Zhang *see* Zhang Guohao
Guohe Sha *see* Sha Guohe
Guoheng Zhao, Mouroulis, P. Diffusion model of hologram formation in dry photopolymer materials 94682
Guohui Qian *see* Qian Guohui
Guojian Chen *see* Chen Guojian
Guojiang Hu *see* Xinglong Wang 72953
Guojie Dong *see* Dong Guojie
Guojie Li *see* Li Guojie
Guojun Lu, Toon-Lin Yew Image compression using partitioned iterated function systems 64681
Guojun Tan *see* Tan Guojun
Guokang Yu *see* Yu Guokang
Guoliang Huang, Guofan Jin, Minxian Wu, Yingbai Yan The new optical scheme for parallel processing of 1-D gray images 74365
Guoliang Ji *see* Ji Guoliang
Guoliang Sun *see* Long Que 71499
Guoliang Wang *see* Wang Guoliang
Guoliang Zeng *see* Yue Yao 84473
Guolin Wang, Rongqing Xu, Zhidao Cao System compensation for inverse synthetic aperture radar 86570
Guon Kim Young *see* Young Guon Kim
Guoping Liu, Lee, K.Y., Jordan, H.F. Time division multiplexed de Bruijn network and ShuffleNet for optical communications 65794
Guoping Qiu Functional optimization properties of median filtering 64401
Guoping Ru, Aizhen Li Proposal of interband tunneling structures with strained layers 92990
Guoping Su *see* Su Guoping
Guoping Xu *see* Xu Guoping
Guoping Yan *see* Yan Guoping
Guoqi Qian, Gabor, G., Gupta, R.P. On stochastic complexity estimation: a decision-theoretic approach 95114
Guoqiang Han *see* Han Guoqiang
Guoqiang Ni *see* Ni Guoqiang
Guoqiang Zhang *see* Zhang Guoqiang
Guoqin Zhao *see* Yuchui Yu 71092
Guoqing Cheng *see* Cheng Guoqing
Guoqing Ge *see* Xiaowei Yao 71883
Guoqing Li *see* Li Guoqing
Guoqing Miao *see* Miao Guoqing
Guoqing Sun, Ranson, K.J. Modeling of radar responses to forest physical parameters 67917
Guoqing Sun *see* Ranson, K.J. 77628
Guoqing Sun *see* Ranson, K.J. 77719
Guoshan Yang *see* Yang Guoshan
Guosheng Chang *see* Chang Guosheng
Guosheng Zhou *see* Zhou Guosheng
Guosong Huang *see* Huang Guosong
Guosui Liu *see* Liu Guosui
Guotian Zhao *see* Zhao Guotian
Guotong Zhou, Giannakis, G.B. Estimating coupled harmonics in additive and multiplicative noise 95548
Guotong Zhou *see* Giannakis, G.B. 84362
Guowei Zhang *see* Zhang Guowei
Guowen Lu *see* Yu, F.T.S. 84240
Guowen Lu *see* Zheng Zhang 94200
Guowu Zheng, Kangsheng Chen The analysis of dispersion of cylindrical microstrip lines and coupling lines 94929
Guoxiang Wan *see* Zhenghua Deng 68976
Guoxiang Zhao *see* Ghannouchi, F.M. 70870
Guoxiao, R., Guiru, J. Behavior of 200 AGeV ^{32}S and fragments in collisions with Cu target 88165
Guoxing Li *see* Li Guoxing
Guoxiong Zhang *see* Jianzhong Hu 66516
Guoxiu Li *see* Li Guoxiu
Guoyi Xia *see* Xia Guoyi
Guoying Feng *see* Feng Guoying
Guoyu He *see* He Guoyu
Guoyu Xu *see* Xu Guoyu
Guozhen Xiao *see* Xiao Guozhen
Guozhen Yang, Benyuan Gu, Xin Tan, Ming-Pin Chang, Bizhen Dong, Ersoy, O.K. Iterative optimization approach for the design of diffractive phase elements simultaneously implementing several optical functions 57747
Guozhen Yang *see* Yang Guozhen
Guozheng Li *see* Yuliang Liu 50707
Guppy, J.R. *see* Hirst, E. 99304
Gupta, A., Ohno, T., Kariya, T., Shirakata, S., Isomura, S. Preparation of $CuInSe_2$ films by selenization of CuIn precursor in vacuum chamber 61357
Gupta, A., Rahman, M.M., Jianmin Qiao, Yang, C.Y., Seongil Im, Cheung, N.W., Yu, P.K.L. Donor complex formation due to a high-dose Ge implant into Si 49869
Gupta, A., Sun, J.Z., Tsuei, C.C. Mercury-based cuprate high-transition temperature grain-boundary junctions and SQUIDs operating above 110 Kelvin 82375
Gupta, A. *see* Ali, F. 80792
Gupta, A. *see* Chaddha, N. 57409
Gupta, A. *see* Ferrari, D. 96480
Gupta, A. *see* Jain, V.K. 55635
Gupta, A. *see* Kuskin, J. 49475
Gupta, A. *see* O'Donnell, T. 84795
Gupta, A. *see* Ogawa, A. 61228
Gupta, A. *see* Salib, M. 92520
Gupta, A.K. Recent advances in high-T_c SQUIDs 82379
Gupta, A.K. *see* Khare, N. 63297
Gupta, A.K. *see* Ray, U.C. 49646
Gupta, A.K. *see* Tyagi, M.S. 62146
Gupta, A.P., Siewiorek, D.P. Automated multicycle symbolic timing verification of microprocessor-based designs 92134
Gupta, B. *see* Reddy, R.L.N. 96771
Gupta, B. *see* Tanwar, L.S. 75920
Gupta, B.D., Singh, C.D. Evanescent-absorption coefficient for diffuse source illumination: uniform- and tapered-fiber sensors 58804
Gupta, B.D., Singh, C.D., Sharma, A. Fiber optic evanescent field absorption sensor: effect of

launching condition and the geometry of the sensing region 76011
Gupta, B.K., Sheerin, G.M. Rehabilitation of a gassy low pressure liquid filled 115 kV cable 89275
Gupta, B.K. *see* Bhushan, B. 63235
Gupta, C.Das *see* Das Gupta, C.
Gupta, C.N., Evans, J.B. Performance scalability in ATM networks 64944
Gupta, D., Sen, S., Das, P.K. Finite-difference resistance modelling for liquid level measurement in stratified gas-liquid systems 53086
Gupta, D. *see* Dixit, P.N. 50657
Gupta, D. *see* Kadakia, S.D. 79318
Gupta, H. *see* Bhanot, V. 77894
Gupta, H.M. Integrated services digital networks (ISDN): Structure and services 85878
Gupta, H.M. *see* Kumar, V.V. 57967
Gupta, H.O. *see* Desai, B.T. 100195
Gupta, H.O. *see* Laway, N.A. 59992
Gupta, I.J. *see* Burnside, W.D. 51213
Gupta, I.J. *see* Nehrbass, J.W. 73258
Gupta, I.S. *see* Chowdhury, D.R. 64274
Gupta, J.Datta *see* Datta Gupta, J.
Gupta, M.C., Kozlovsky, W., Nutt, A.C.G. Second-harmonic generation in bulk and waveguided $LiTaO_3$ with domain inversion induced by electron beam scanning 63441
Gupta, M.C. *see* Strasser, T.A. 56387
Gupta, M.K. *see* Gupta, S.K. 66650
Gupta, M.M. *see* Knopf, G.K. 64796
Gupta, M.M. *see* Lakshmi, D.R. 97020
Gupta, M.S. In academe's grungy groves [engineering education] 54370
Gupta, N.C. *see* Sharma, A. 55517
Gupta, N.K., Buchanan, W.J. Use of computers in the teaching of electronics: a survey 54357
Gupta, N.K., Wilson, J.G., Whittington, H.W. Energy-efficient accelerated curing of concrete by electroheat 100938
Gupta, N.K. *see* Buchanan, W.J. 57261
Gupta, N.K. *see* Buchanan, W.J. 83823
Gupta, O.P., Singh, V.B. Pollution failure of 400 kV vertical suspension insulator string 53786
Gupta, O.P., Singh, V.B., Satish Kumar Technoeconomic viability of metal-oxide surge arresters for 400 kV transmission lines in UP 53829
Gupta, P., Chih-Tung Chen, DeSouza-Batista, J.C., Parker, A.C. Experience with image compression chip design using unified system construction tools 92274
Gupta, P., Parker, A.C. SMASH: a program for scheduling memory-intensive application-specific hardware 55274
Gupta, P.B.Dutta *see* Dutta Gupta, P.B.
Gupta, P.C., Bringenberg, J. Building 'the last mile' [utility communications] 53693
Gupta, R., Anerella, M., Ganetis, G., Garber, M., Ghosh, A., Greene, A., Jain, A., Kahn, S., Kelly, E., Killian, E., Morgan, G., Morgillo, A., Muratore, J., Prodell, A., Rehak, M., Sampson, W., Shutt, R., Thompson, P., Wanderer, P., Willen, E. Large aperture quadrupoles for RHIC interaction regions 76648
Gupta, R., Chaudhary, A. Profit analysis of a system with two-units having guarantee periods and delayed operation of standby 54582
Gupta, R., Chaudhary, A. Analysis of reliability bounds for two-unit parallel and standby repairable systems 91148
Gupta, R., Chaudhary, A., Goel, R. Cost-benefit analysis of a two-unit standby system with a proviso of repair-machine failure 54583
Gupta, R., Cook, P.A. Technical assessment of (T)INA-TMN-OSI technology for service management applications 58069
Gupta, R., Goel, R., Chaudhary, A. Analysis of a two-unit standby system with fixed allowed down time and truncated exponential lifetime distributions 61027
Gupta, R., Pillage, L.T. OTTER: optimal termination of transmission lines excluding radiation 93528
Gupta, R., Seok-Yoon Kim, Pillage, L.T. Domain characterization of transmission line models for efficient simulation 91761
Gupta, R. *see* da Cunha, A. 62278
Gupta, R. *see* Hartley, R. 96033
Gupta, R. *see* Lindner, M. 82420
Gupta, R. *see* Muratore, J. 82419
Gupta, R. *see* Thompson, P. 76655
Gupta, R. *see* Wanderer, P. 82421
Gupta, R. *see* Wanderer, P. 82422
Gupta, R. *see* Wei, J. 66918
Gupta, R.C., Jain, A.K. Variation in a_1 saturation in SSC collider dipoles 76659
Gupta, R.C. *see* Kahn, S.A. 76651
Gupta, R.Datta *see* Datta Gupta, R.
Gupta, R.K. *see* Kumar, L. 71052
Gupta, R.P. *see* Agarwal, A. 63298
Gupta, R.P. *see* Guoqi Qian 95114
Gupta, R.P. *see* Rahman, M.S. 69702
Gupta, R.S. *see* Aggarwal, V. 55950
Gupta, R.S. *see* Haldar, S. 71635
Gupta, R.S. *see* Haldar, S. 81950
Gupta, R.S. *see* Khanna, M.K. 93483
Gupta, S., Gersho, A., Tescher, A.G. Recent trends in compression of multispectral imagery 96085
Gupta, S., Rajski, J., Tyszer, J. Test pattern generation based on arithmetic operations 92148
Gupta, S., Wipf, T.J., Fanous, F., Baenziger, M., Hahm, Y.H. Structural failure analysis of 345 kV transmission line 68260
Gupta, S. *see* Agarwal, A. 86595
Gupta, S. *see* Barnett, M. 58041
Gupta, S. *see* Chen-Yang Pan 91930
Gupta, S. *see* Chitre, D.M. 86254
Gupta, S. *see* Siddiqui, S.A. 91147
Gupta, S.C., Agarwal, P., Sharma, B.L., Sreedhar, A.K. Extension of Freeouf's model of Schottky barrier height to composite systems 76067
Gupta, S.C. *see* Filis, K.G. 52409
Gupta, S.C. *see* Filis, K.G. 86231
Gupta, S.C. *see* Gandotra, V.K. 79773
Gupta, S.C. *see* Kocaturk, M. 75348
Gupta, S.D. Enhanced bistability with the line-narrowed modes in a nonlinear modulated index Fabry-Perot cavity 73124
Gupta, S.D. *see* Pande, M.B. 80170
Gupta, S.K., Gadkari, S.C., Aswal, D.K., Gupta, M.K. A circuit and five probe resistivity method for measuring pulse I-V characteristics of superconductors 66650
Gupta, S.K., Kia Wah Ngiam, Tee Chau Ngiam, Mital, D.P. Requirements analysis of differential GPS for Singapore 65953
Gupta, S.K. *see* Chen, C.-A. 49312
Gupta, S.K. *see* Chen-Huan Chiang 92149
Gupta, S.K. *see* Lempel, M. 49372
Gupta, S.K. *see* Lin, S.-P. 49301
Gupta, S.K. *see* Mital, D.P. 95821
Gupta, S.K. *see* Wang, W. 49394
Gupta, S.K. *see* Wen-Chang Fang 92131
Gupta, S.M. Finite source Erlang based queueing systems: complementarity, equivalence and their implications 69681
Gupta, S.M., Karaesmen, F. Solution to complex queueing systems: a spreadsheet approach 51800
Gupta, S.P., Koripella, C.R., Mann, L.A. Low fire Z5U ceramic dielectric for surface mount MLC 55440
Gupta, S.P. *see* Mann, L.A. 92647
Gupta, S.S. *see* Kumar, L. 71052
Gupta, T. *see* Jain, V.K. 88520
Gupta, T.K. In search of low dielectric constant ceramic materials for electronic packages 48696
Gupta, T.K. *see* Jean, J.-H. 79322
Gupta, V., Schenfeld, E. NetSim—a tool for modeling the performance of circuit switched multicomputer networks 85805
Gupta, V. *see* Xue Dong Yang 85157
Gupta, V.K., Barker, D.B. Influence of surface mount lead end geometry on fatigue life 70988
Guptan, S., Srinivasan, B., Simha, N. A performance study of a token ring protocol 96260
Guran, O. *see* Middlehurst, R.J. 80962
Gurashvily, V.A. *see* Napartovich, A.P. 82935
Guratzsch, H. *see* Einfeld, D. 59217
Guratzsch, H. *see* Einfeld, D. 66834
Gurbuz, Y. *see* Kang, W.P. 76101
Gurbuz, Y. *see* Kang, W.P. 76110
Gureev, K.G. *see* Batskikh, G.I. 81145
Gureev, V.A., Redkovskii, N.N. Solution of nonlinear equations in problems of electrical-network control 49045
Gureev, V.A., Redkovskii, N.N. A parametric method for computing the steady-state characteristics of electric power-supply 88949
Gurelli, M.I., Nikias, C.L. A new eigenvector-based algorithm for multichannel blind deconvolution of input colored signals 83899
Gurelli, M.I., Onural, L. On a parameter estimation method for Gibbs-Markov random fields 51601
Gurelli, M.Izzet *see* Izzet Gurelli, M.
Guren, H.C., Aarskog, A.I. A channel-optimized predictive speech coder 84181
Guren, H.C. *see* Aarskog, A.I. 51390
Gurentsov, V.I. *see* Barabanov, I.R. 59170
Gurevich, E.L. Analysis of signals for transmission of time scales on a satellite communications channel 58988
Gurevich, S.A. *see* Gorfinkel, V.B. 94490
Gurevich, V.I. New types of the Kvazitron-series protection relays 99778
Gurevick, E.L. Highly accurate transmission of time scales through cable communication lines 58274
Gureyev, A.V. Generalized orthogonality of guided waves and its applications 83770
Gurgel, K.-W. Shipborne measurement of surface current fields by HF radar 88812
Gurgen, F., Alpaydin, R., Unluakin, U., Alpaydin, E. Distributed and local neural classifiers for phoneme recognition 95276
Gurgen, F. *see* Caglar, H. 70758
Gurgen, F.S. The effect of neighboring on the learning of phoneme recognition neural networks 73910
Gurgenian, H.K. *see* Chu, M. 91528
Gurgiolo, C. *see* Stone, N.H. 88634
Guriev, A.I., Deryagin, A.G., Kuksenkov, D.V., Kuchinskii, V.I., Portnoi, E.L., Smirnitskii, V.B., Golikova, E.G., Duraev, V.P. Polarization switching in InGaAsP/InP distributed-feedback lasers with a strained active layer 56793
Gurin, N.I. *see* Krylov, B.V. 94192
Gurioli, M. *see* Emiliani, V. 62237
Gurjanov, A.N. *see* Abramov, A.A. 56335
Gurker, N., Nell, R., Backfrieder, W., Kandutsch, J., Sarg, K., Prevrhal, S., Nentwich, C. X-ray microtomography experiments using a diffraction tube and a focusing multilayer-mirror 98859
Gurkok, C. *see* Anderson, S. 79279
Gurman, G.M. Assessment of depth of general anesthesia. Observations on processed EEG and spectral edge frequency 98912
Gurnett, K. Design implications of SM component handling 62007
Gurney, B.A. *see* Heim, D.E. 72133
Guro, E. *see* Enns, M. 68292
Guro, E. *see* Strang, W.M. 89255
Guro, E.A. *see* Ball, G.J. 78722
Gurov, D.B. *see* Dubrova, E.V. 55246
Gurski, A.B. *see* Barabanov, I.R. 59170
Gurskii, A.L. *see* Gribkovskii, V.P. 63763
Gursu, S., Sheriff, S.A., Veziroglu, T.N., Sheffield, J.W. Review of slush hydrogen production and utilization technologies 59522
Gurtovtsev, A.L. *see* Ilin, V.I. 99596
Guru, S.V., Valentine, J.D., Wehe, D.K., Knoll, G.F. Monte Carlo modelling of a multiple-hole collimator for high energy gamma-ray imaging 88325
Gurumurugan, K., Mangalaraj, D., Narayandass, S.K. Correlations between the optical and electrical properties of CdO thin films deposited by spray pyrolysis 92948
Gurumurugan, K., Mangalaraj, D., Narayandass, S.K., Balasubramanian, C. Structural, optical, and electrical properties of cadmium oxide films deposited by spray pyrolysis 62171
Gurumurugan, K., Mangalaraj, D., Narayandass, S.K., Sekar, K., Girija Vallabhan, C.P. Characterization of transparent conducting CdO films deposited by spray pyrolysis 91560
Gurunlu, C. Assessment of saturation methods in DC excited synchronous machines 89862
Gurunlu, C. A comparison of the methods of unsymmetrical short-circuit calculations of synchronous generators 89939
Gurunlu, C., Alagoz, L. A comparison of single-phase induction motor theories 89938
Guruprasad, K.P., Murthy, K.N.S., Ramamoorty, M., Naidu, M.S. Effect of variation of magnetic field on the characteristics of rotating arcs 90227
Gururaj, B.I. *see* Nagesh, V. 87496
Gururaj, B.I. *see* Shivakumara Aradhya, R.S. 53816
Gururaja, T.R. Piezoelectric transducers for medical ultrasonic imaging 59267
Gurusamy, R. *see* Rao, K.S. 77706
Guruswamy, S. *see* Kim, M.R. 50225
Guruswamy, S. *see* Kim, M.R. 50226
Gurwich, I., Censor, D. Steady state electromagnetic wave propagation in weakly nonlinear media 83615
Guryanov, A.N. *see* Anoikin, E.V. 56334
Gur'yanov, G.M. *see* Golubok, A.O. 54831
Gur'yanov, G.M. *see* Ledentsov, N.N. 70012
Gurzhiev, S.N. *see* Belikov, S.V. 53314
Guschin, E. *see* Badier, J. 87982
Guse, B. *see* Schwille, W.J. 76785
Guseinov, Sh. E. Iterative method for solving integral equations of the first kind for monotonous functions 54793
Gusev, A.V., Luo Dzun, Rudenko, V.N. Parametric supergenerator in experiments with probe bodies 80162
Gusev, A.V., Tsyganov, A.V. The minimal noise factor of solid-state gravitational antennas 64207
Gusev, G. *see* Lubyshev, D.I. 48918
Gusev, G.M., Gennser, U., Maude, D.K., Portal, J.C., Rossi, J.C., Lubyshev, D.I., Basmaji, P. Dephasing time and interference effects in coupled quantum wells 62299
Gusev, L. *see* Chen, M. 67340
Gusev, M., Tasic, J., Evans, D.J. Preconditioned conjugate gradient method VLSI processor array 61168
Gusev, S.A., Korotkova, N.A., Rozenshtein, D.B., Fraerman, A.A., Sherngurov, V.G. Preparing and studying ferromagnetic fibers in a porous silicon matrix 81488
Gusev, V.G. Spatial filtering of holographic lateral shear interferograms 73174
Gusev, W.Yu. *see* Ionov, V.V. 72293
Guseva, E.V., Naidenko, V.I. Electrodynamics of aperiodic structures with axis of symmetry C_∞ and resonators based on them 64189
Guseva, M.B., Babaev, V.G., Khvostov, V.V., Valioullova, Z.Kh., Bregadze, A.Yu., Obraztsov, A.N., Alexenko, A.E. Deposition of thin highly dispersive diamond films by laser ablation 70082
Guseva, M.I. *see* Gerashchenko, S.S. 90462
Gusewell, D., Barranco-Luque, M., Claudet, S., Erdt, W.K., Frandsen, P., Gayet, P., Schmid, J., Solheim, N., Titcomb, C., Winkler, G. Cryogenics for the LEP200 superconducting cavities at CERN 76381
Gushcha, A.O., Dobrovolsky, A.A., Palagin, A.V., Privalko, A.V., Sushko, V.I., Fedorenko, Yu.P., Kharkyanen, V.N., Yatsenko, V.A. Biosensor-

based methods for integral evaluation and control of the state of ecological systems 87307
Gushchin, E.M., Kozhinov, N.A., Somov, S.V., Timofeev, M.K. Photoelectron emission in an inert gas atmosphere at high pressure 71019
Gushchin, E.M., Lebedev, A.N., Somov, S.V., Protasov, V.P., Timofeev, M.K., Tipografshchik, G.I. A detector of Cherenkov-radiation rings based on gas photodiodes 53316
Gusinov, A. 2 to 12 V, single supply, 40 MHz, video operational amplifier with rail to rail input and output operation 70312
Guskov, A.B. *see* Zaitsev, E.F. 51257
Gusmano, G. *see* Bianco, A. 54977
Guss, W.C. *see* Blank, M. 49744
Gust, W. *see* Bartels, F. 81569
Gust, W. *see* Khanna, P.K. 62024
Gustafson, H.R. *see* Demortier, L. 59090
Gustafson, S.C., Rhoadarmer, T.A., Loomis, J.S., Little, G.R. Smart zooming 74373
Gustafson, S.C. *see* Little, G.R. 77171
Gustafsson, A., Hansson, P.O., Bauser, E. Cathodoluminescence from relaxed Ge_xSi_{1-x} grown by heteroepitaxial lateral overgrowth 79809
Gustafsson, A. *see* Samuelson, L. 55638
Gustafsson, G. *see* Berggren, M. 82842
Gustafsson, G. *see* Berggren, M. 94296
Gustafsson, K., McCarthy, F., Paulraj, A. Mitigation of wing flexure for airborne direction-finding applications 95537
Gustafsson, L., Carius, S., Fransson, K., Sukhanov, A. A data acquisition system for the wide angle shower apparatus (WASA) 88231
Gustafsson, L., Carius, S., Fransson, K., Sukhanov, A. A data acquisition system for the wide angle shower apparatus (WASA) 98671
Gustafsson, S.-I., Andersson, S., Karlsson, B.G. Factorial design for energy-system models 69033
Gustafsson, U. *see* Andersson, K. 55932
Gustard, N.C., Massara, R.E. On the optimal design of switched-capacitor filter circuits for analog and mixed-signal integrated circuit realization 92366
Gustavino, C. *see* Bencivenni, G. 67303
Gustavino, C. *see* Greife, U. 98550
Gustavsen, R.L., Sheffield, S.A., Alcon, R.R. Response of inclined electromagnetic particle velocity gauges in shocked liquids 87553
Gustavson, R.L. *see* Olson, R.A. 52649
Gustavsson, A., Frolind, P.O., Hellsten, H., Jonsson, T., Larsson, B., Stenstrom, G. The airborne VHF SAR system CARABAS 75616
Guta, R.K. *see* Sharma, K.B. 73487
Gutberlet, P., Rosenstiel, W. Specification of interface components for synchronous data paths 55066
Gutbrod, H.H. Heavy ion physics at the Large Hadron Collider at CERN 98395
Guterman, D.C. *see* Lee, D.J. 70524
Gutfeld, R.J.von *see* von Gutfeld, R.J.
Gutfleisch, F., Singer, H., Forger, K., Gomollon, J.A. Calculation of high-voltage fields by means of the boundary element method 68278
Gutfleisch, O., Short, C., Verdier, M., Harris, I.R. The effect of hydrogen pressure on the kinetics of the HDDR-process of bulk Nd-Fe-B-type alloys 72018
Gutfleisch, O., Verdier, M., Harris, I.R., Ray, A.E. Characterisation of rare earth-transition metal alloys with resistivity measurements 50214
Gutfleisch, O. *see* Ahmed, F.M. 72015
Guth, G.D. *see* Lentine, A.L. 56420
Guth, G.D. *see* Lentine, A.L. 86022
Guth, G.D. *see* Morgan, R.A. 87390
Guth, G.D. *see* Woodward, T.K. 63617
Guthardt, O. *see* Du Val, J. 74386
Guthmann, Ch. Circee: a CAD tool from Alcatel Cable Contracting 48648
Guthmiller, G. *see* Tang, D.D. 72111
Guthrie, R.D. *see* Hatzilabrou, G.M. 88516
Gutierrez, C.J. *see* Levy, M. 72495
Gutierrez, E.A. *see* Rosa, L.C. 54046
Gutierrez, F.J. *see* Barbi, G.B. 58888
Gutierrez, G. *see* Christian, D.C. 59094
Gutierrez, I. *see* Celma, S. 80177
Gutierrez, J., Recio, T. A practical implementation of two rational function decomposition algorithms 69793
Gutierrez, J. *see* Horrillo, M.C. 66523
Gutierrez, M., Degeneff, R.C., Salon, S.J., Raedy, S. Transient finite element analysis computational reduction technique 83498
Gutierrez, P. *see* Kaplan, D. 59067
Gutierrez, P.L. *see* Harrison, G.H. 98934
Gutierrez, T.R. *see* Baers, L.B. 87973
Gutierrez Iglesias, J.L. Flicker 60618
Gutierrez-Aitken, A.L., Bhattacharya, P., Chen, Y.C., Pavlidis, D., Brock, T. High speed monolithically integrated pin-MODFET transimpedance photoreceivers 65861
Gutierrez-Aitken, A.L., Cowles, J., Bhattacharya, P., Haddad, G.I. High bandwidth InAlAs/InGaAs PIN-HBT monolithically integrated photoreceiver 58425
Gutierrez-Aitken, A.L., Goswami, S., Chen, Y.C., Bhattacharya, P.K. Effect of strain and barrier height on performance characteristics of multiquantum well avalanche photodiodes 63583
Gutierrez-Aitken, A.L. *see* Cowles, J. 86363
Gutierrez-D, E.A., Deferm, L., Declerck, G. Series resistance effects in submicron MOS transistors operated from 300 K down to 4.2 K 62804
Gutierrez-Vera, J. Use of renewable sources of energy in Mexico case: San Antonio Agua Bendita 89753
Gutjahr, B. *see* Bock, B. 53325
Gutkowski, S.A. *see* Nehl, T.W. 82288
Gutlich, P. *see* Kajcsos, Zs. 88051
Gutman, E.E. Space and aircraft sensors 59545
Gutmann, P., Funck, T., Grimm, L. Running and testing of Josephson voltage standard series arrays 86844
Gutmann, P., Hebrank, F.X., Vollmer, E., Niemeyer, J. A Josephson voltage standard in multichip technology 87405
Gutmann, P.C., Bell, T.C. A hybrid approach to text compression 57895
Gutmann, R.J. *see* Khan, S.A. 62632
Gutmann, R.J. *see* Lakshminarayanan, S. 81565
Gutmann, R.J. *see* Price, D.T. 54398
Gutnik, M.N. *see* Amosov, A.F. 99952
Gutowski, J. *see* Nagele, M. 63982
Gutowski, J. *see* Schmolke, R. 63951
Gutsalov, A.T. *see* Gordon, B.G. 89459
Gutscher, W.D. *see* Jachim, S.P. 67230
Gutt, G. *see* Mason, P. 99040
Gutt, G.M. *see* Lockhart, J.M. 50409
Guttal, R. *see* Fish, J. 48886
Guttenberger, M., Mierzwiak, K.-H., Sturm, W. Microstrip array antennas with special radiation pattern shaping for road-pricing systems 57272
Gutti, C.S., Raju, G.S.N., Gottumukkala, K.R. Some investigations on the penetration properties of different waves in semiconducting media 71091
Guttich, U., Dieudonne, J.M., Riepe, K., Marten, A., Leier, H. Ka-band monolithic VCOs for low noise applications using GaInP/GaAs HBTs 80769
Guttich, U., Dieudonne, J.M., Riepe, K., Marten, A., Leier, H. Ka-band monolithic VCOs for low noise applications using GaInP/GaAs HBTs 80819
Guttich, U. *see* Riepe, K. 80751
Guttormsen, M. *see* Avdeichikov, V.V. 98537
Gutu, I. *see* Medianu, R. 72555
Guu-Chang Yang Variable weight optical orthogonal codes for CDMA networks with multiple performance requirements 75433
Guven, A.N. *see* Batur, I. 68198
Guven, H. *see* Liu, K. 69241
Guven, K. *see* Balasubramanian, K. 98353
Guy, F. *see* Haworth, M. 76408
Guy, F. *see* Raparia, D. 53129
Guy, F. *see* Raparia, D. 59043
Guy, F. *see* Raparia, D. 87806
Guy, F. *see* Saadatmand, K. 76386
Guy, F.W., Hurd, J.W., Chang, C.R., Raparia, D., Yao, C.Y. Simulation support for commissioning and operating the SSC linac 66876
Guy, F.W., Hurd, J.W., Raparia, D., Saadatmand, K., Whittenberg, W.A. SSC radio-frequency-quadrupole beam: comparison of experimental and simulated results 76417
Guy, F.W. *see* Hebert, J.E. 76607
Guy, F.W. *see* Hurd, J.W. 76440
Guy, F.W. *see* Hurd, J.W. 76441
Guy, F.W. *see* Hurd, J.W. 76590
Guy, G. *see* Ahmed, B. 90072
Guy, J., Jay, B.E., Coe, C. Horizon advanced lead-acid battery: present performance and prospects 68959
Guy, J.T., Corbin, T.P., Latham, J.K. Microstructure phenomenon in fine pitch circuit assemblies 81078
Guy, M., Villeneuve, B., Svilans, M., Tetu, M., Cyr, N. Optical frequency control for DWDM networks using sum-frequency generation in multilayer waveguides 50942
Guy, M.J., Chernikov, S.V., Taylor, J.R., Kashyap, R. Low-loss fibre Bragg grating transmission filter based on a fibre polarisation splitter 82578
Guy, M.J., Noske, D.U., Boskovic, A., Taylor, J.R. Femtosecond soliton generation in a praseodymium fluoride fiber laser 63719
Guy, M.J. *see* Noske, D.U. 56736
Guy, M.J. *see* Rottwitt, K. 63382
Guy, O. *see* Couderc, V. 72952
Guy, P., Woodbridge, K., Haywood, S.K., Hopkinson, M. Highly doped 1.55 μm $Ga_xIn_{1-x}As/InP$ distributed Bragg reflector stacks 83114
Guy, S., Joubert, M.F., Jacquier, B. Blue upconverted fluorescence via photon-avalanche pumping in YAG:Tm 56715
Guyader, P., Joubert, P., Guendouz, M., Beau, C., Sarret, M. Effect of grain boundaries on the formation of luminescent porous silicon from polycrystalline silicon films 81541
Guyard, I. The driving simulator: an aid for ergonomic design of car interiors 90901
Guyette, L. *see* Tuazon, J.O. 80544
Guymer, T.H. *see* Tokmakian, R.T. 77476
Guyomarc'h, D. *see* Chezeaux, J.C. 71050
Guyomard, D., Tarascon, J.-M. Rocking-chair or lithium-ion rechargeable lithium batteries 90366
Guyomard, D., Tarascon, J.M. The carbon/$Li_{1+x}Mn_2O_4$ system 90356
Guyomard, D. *see* Tarascon, J.M. 90362
Guyot, A. *see* Bederr, H. 49402
Guyot, A. *see* Vacher, A. 49480
Guyse, C.J., Buscher, D.E., Ellenberger, S.R. Real-time environment and vehicle dynamics simulations for Space Station Freedom Integrated Test and Verification Environment 77118
Guzeev, S.A., Emelyanov, G.M. A fast algorithm for determining the centers of connected objects in a binary image 64772
Guzenko, G.A., Ezerskii, S.O., Chernyi, P.P. Apparatus for the production and testing of video pickups 75756
Guzman, A.M. *see* Kalinowski, H.J. 83037
Guzman, A.M. *see* Kalinowski, H.J. 87210
Guzman, L. *see* Laidani, N. 70125
Guzman, L. *see* Narsale, A.M. 71582
Guzman, M.I.de *see* de Guzman, M.I.
Guzman, M.I.G.de *see* de Guzman, M.I.G.
Guzman, M.I.Gimenez de *see* Gimenez de Guzman, M.I.
Guzman, M.Shell-De *see* Shell-De Guzman, M.
Guzman, P.C.De *see* De Guzman, P.C.
Guzman, V.M., Gimenez de Guzman, M.I. A GTO modular macromodel for use in circuit simulation with SPICE 61547
Guzman, V.M. *see* de Guzman, M.I.G. 69078
Guzman, V.M. *see* Fernandez, H. 90138
Guzzo, E. *see* McKinnon, W.R. 55924
Guzzo, E.E., Preston, J.S. Laser ablation as a processing technique for metallic and polymer layered structures 55688
Guzzo, E.E. *see* Abid, Z. 62685
Guzzo, E.E. *see* McAlister, S.P. 81814
Gwan-Sik Kong, Jin-Woo Ahn, Il-Chun Lee, Young-Moon Hwang Predicting the torque characteristics of switched-reluctance motor by using nonlinear inductance profiles 100096
Gwan-Soo Park, Dong-Hun Kim, Song-Yop Hahn, Ki-Sik Lee Numerical algorithm for analyzing the magnetic fluid seals 82306
Gwarek, W.K. *see* Celuch-Marcysiak, M. 70868
Gwarek, W.K. *see* Celuch-Marcysiak, M. 83739
Gweon Do Jo, Su Il Boo, Cheol Sung Kim On the optimum dwell time for fast code acquisition in DS/SS systems 83940
Gwi-Nam Bae, Chun Sik Lee, Park, S.O. Measurement of particle deposition velocity toward a horizontal semiconductor wafer by using a wafer surface scanner 81405
Gwilliam, R. *see* Kazor, A. 71362
Gwilliam, R.M. *see* Billen, K. 71314
Gwinner, R. *see* Bankoff, S.G. 88702
Gwirc, S.N. Glass modified sensitive surface thick film humidity sensor 58699
Gwirc, S.N. *see* Fraigi, L. 66256
Gwo, S., Smith, A.R., Chao, K.-J., Shih, C.K., Sadra, K., Streetman, B.G. Cross-sectional scanning tunneling microscopy and spectroscopy of passivated III-V heterostructures 93228
Gwo-Ching Jang, Chen, J.-J.J., Cherng-Tzong Shih, Tse-Chien Huseh Design of FES-cycling system and its stimulation patterns 77071
Gwo-En Wang, Jhing-Fa Wang A new hierarchical approach for recognition of unconstrained handwritten numerals 84915
Gwo-Huei Luo New compact mode converters for SLAC RF pulse power compression system 66825
Gwo-Jen Jan *see* Yau-Huei Chen 62682
Gwo-Sheng Peng *see* Wei-Tou Ni 86822
Gwo-Yuh Shiau, Hao-Tien Lee, D., Hwang-Kuen Lin Metal layer resist process optimization by design of experiment 71425
Gwo-Yuh Shiau *see* Hao-Tien Lee, D. 82028
Gwon Kang Byeong *see* Byeong Gwon Kang
Gyasi, K. *see* Mallary, M.L. 72129
Gye-Won Hong *see* Ki-Young Song 70849
Gye-Young Kim, Eun-Ju Lee, HYung-Ill Choi Extraction of motion information by analyzing difference images 95841
Gyeom Kim In *see* In Gyeom Kim
Gyewon Hong *see* Soonchil Lee 82511
Gyimesi, M., Lavers, D., Pawlak, T., Ostergaard, D. Impedance boundary condition for multiply connected domains with exterior circuit conditions 83506
Gyllensward, E. *see* Ericsson, G. 99550
Gyma, D. A novel control method to minimize distortion in AC inverters 68840
Gymer, S. *see* Billen, K. 71314
Gyoo Kim Duk *see* Duk Gyoo Kim
Gyoo Kim Han *see* Han Gyoo Kim
Gyoo-Yeong Lee Characterization of SOI-MOSFET with the channel conductance transient spectroscopy 62755
gyoon Ryu Heung *see* Heung gyoon Ryu
Gyori, C., Hozer, Z. Multichannel thermohydraulic model for VVER-440 reactors 99874
Gyorki, J.R. *see* Berardinis, L.A. 54179
Gys, T. *see* Anselmo, F. 98647
Gys, T. *see* D'Ambrosio, C. 67286
Gyselinckx, B. *see* Muller, J.-E. 87486
Gyu Hwang Chang *see* Chang Gyu Hwang
Gyu Hwang Jae *see* Jae Gyu Hwang
Gyu Hyeong Cho *see* Sung Woon Im 92440
Gyu Jeong Dong *see* Dong Gyu Jeong
Gyu Kim Jung *see* Jung Gyu Kim
Gyu Lee Jang *see* Jang Gyu Lee

Gyu Moon Dae *see* Dae Gyu Moon
Gyudong Kim *see* Inyeol Lee 91899
Gyudong Kim *see* Wonchan Kim 80317
Gyugyi, L. Dynamic compensation of AC transmission lines by solid-state synchronous voltage sources 68061
Gyugyi, P.J., Young Man Cho, Franklin, G., Kailath, T. Convex optimization of wafer temperature trajectories for rapid thermal processing 93103
Gyugyi, P.J. *see* Saraswat, K.C. 62352
Gyulai, J. *see* Biro, L.P. 49859
Gyulai, J. *see* Lohner, T. 49857
Gyun Kim Chang *see* Chang Gyun Kim
Gyun Woo Sang *see* Sang Gyun Woo
Gyung Park Chan *see* Chan Gyung Park
Gyurcsik, R.S. *see* Perkinson, T.L. 81402
Gyvez, J.P.de *see* de Gyvez, J.P.
Gyvez, J.Pineda de *see* Pineda de Gyvez, J.

H. Jafri S.Zafar *see* S. Zafar H. Jafri
Ha, B., Yao Li Parallel modified signed-digit arithmetic using an optoelectronic shared content-addressable-memory processor 63520
Ha, J., Haralick, R.M. Estimation of the position and orientation of a planar surface using multiple beams 96046
Ha, J. *see* Giardini, W. 87538
Ha, N.T. *see* Georgiou, G.E. 55681
Ha Choi Byung *see* Byung Ha Choi
Ha Deock Ho *see* Deock Ho Ha
Ha Heon Huh *see* Seok-Hee Han 97936
Ha In-Joong *see* In-Joong Ha
Ha Jeong Sook *see* Jeong Sook Ha
Ha Kook-Hyun *see* Kook-Hyun Ha
Ha Kuang Fuk *see* Alferov, V.G. 68533
Ha Lee Jun *see* Jun Ha Lee
Ha Lee Kyoon *see* Kyoon Ha Lee
Ha Lee Kyung *see* Kyung Ha Lee
Ha Ryu Jon *see* Jon Ha Ryu
Ha Sung Han *see* Sung Han Ha
Ha Sung Koo *see* Pill Woong Choi 74390
Ha Tae-Kyoon *see* Tae-Kyoon Ha
Ha Yeong Ho *see* Yeong Ho Ha
Haacke, E.M. *see* Debiao Li 67530
Haacke, S. *see* Lawrence, I. 93013
Haag, M., Schoof, H. Telecommunications regulation and cable TV infrastructures in the European Union. Current policies and future issues 65120
Haagen, J. *see* Kleijn, W.B. 84149
Haagh, J. *see* Panjwani, M.A. 65371
Haagh, L. *see* Gardan, D. 86382
Haak, U. *see* Bauch, L. 71468
Haake, J.M. *see* Thuring, M. 96444
Haake, S.J. *see* Carazo-Alvarez, J. 91666
Haaker, H. *see* Schenck, K. 53905
Haalboom, G.W. *see* Balendonck, J. 77120
Haan, G.de *see* de Haan, G.
Haan, L.De *see* De Haan, L.
Haan, P.de *see* de Haan, P.
Haan, S.de *see* de Haan, S.
Haan, V.-O.de *see* de Haan, V.-O.
Haan-Go Choi, Principe, J.C., Hutchison, A.A., Wozniak, J.A. Multiresolution segmentation of respiratory electromyographic signals 59388
Haar Romeny, B.M.ter *see* ter Haar Romeny, B.M.
Haaren, J.A.M.M.van *see* van Haaren, J.A.M.M.
Haars, H. *see* Michaelis, W. 86975
Haart, L.G.J.de *see* de Haart, L.G.J.
Haas, A.P.de *see* de Haas, A.P.
Haas, G. *see* Dupont, A. 58933
Haas, J.T.M.de *see* de Haas, J.T.M.
Haas, K.-M. *see* Schwille, W.J. 76785
Haas, M.A. *see* Miller, D.W. 68376
Haas, R. The value of photovoltaic electricity for utilities 100516
Haas, R.M. Low-cost battery charger transformer design requires performance and safety considerations 68859
Haas, S. *see* Leitenstorfer, A. 81238
Haas, S. *see* Rossi, F. 62136
Haas, T.E. *see* Goldner, R.B. 60456
Haas, T.W. *see* Fischer, V. 93202
Haas, Z., Chih-Lin I On handoffs in packetized wireless systems 86198
Haas, Z. *see* Izmailov, R. 75166
Haasdijk, E.W. *see* Walker, R.F. 54704
Haase, A. *see* Eichler, H.J. 56675
Haase, A. *see* Eichler, H.J. 72761
Haase, A. *see* Eichler, H.J. 83035
Haase, M.A. *see* DePuydt, J.M. 63839
Haase, M.A. *see* Guha, S. 82834
Haase, M.A. *see* Huo, L.H. 92958
Haase, T. *see* Sauer, B. 62504
Haasis, H.-D. *see* Rentz, O. 68350
Haass, M., Jia, J.J., Callcott, T.A., Ederer, D.L., Miyano, K.E., Watts, R.N., Mueller, D.R., Tarrio, C., Morikawa, E. Variable groove spaced grating monochromators for synchrotron light sources 88287
Haass, M. *see* Tarrio, C. 67402
Haave, P. Design of the local network administrator in the maritime information technology standard (MITS) real-time network 58206
Haavisto, P. *see* Jarske, T. 84918
Haba, B., Morishige, Y., Kishida, S. Novel technique of laser through-hole drilling in Teflon 90956
Haba, B., Sugai, K., Morishige, Y., Kishida, S. Large scale two-step selective aluminum CVD on laser patterned palladium lines 70134
Haba, J. *see* Fukushima, Y. 67382
Haba, J. *see* Okuno, S. 98559
Haba, J. *see* Saitoh, Y. 59075
Haba, J. *see* Saitoh, Y. 88124
Haba, J. *see* Saitoh, Y. 98580
Habali, S.M., Saleh, I.A. Design of stand-alone brackish water desalination wind energy system for Jordan 60153
Habara, K. *see* Sasayama, K. 65756
Habara, K. *see* Yamada, Y. 97314
Habash, N. *see* Cain, J.P. 88934
Habashi, K., Lombard, J.-J., Mourad, S., Pelletier, P., Morin, G., Beauregard, F., Brochu, J. The design of a 200 MW interphase power controller prototype 68066
Habashy, T.M., Oristaglio, M.L., de Hoop, A.T. Simultaneous nonlinear reconstruction of two-dimensional permittivity and conductivity 83602
Habashy, T.M. *see* Torres-Verdin, C. 83601
Habashy, T.M. *see* Xia, J.J. 83604
Habboosh, A.W., Reid, R.J. A shallow water inline multiplexed sensor system used for inwater tracking 99403
Habdank, T.W. *see* Gondek, J.J. 87162
Habeck, B. Getting the drop on video competitors 97665
Habeck, K. *see* King, J. 79358
Habel, R.A., Pelletier, M., Chenier, F., Lecours, M., Delisle, G.Y. Design of a high resolution millimeter wave FM-CW radar 86591
Haben, M. *see* Da Via, C. 53348
Haber, C. *see* Amidei, D. 98639
Haber, C. *see* Derwent, P.F. 76784
Haber, I. *see* Callahan, D.A. 67032
Haber, I. *see* Fawley, W.M. 67031
Haber, I. *see* Wang, D.X. 87816
Haber, S. *see* Franklin, M. 73760
Haber, S. *see* Jacobs, R. 89445
Haberern, K.W. *see* Drenten, R.R. 83152
Haberger, K. *see* Takai, M. 55731
Haberichter, W. *see* Noren, J. 76601
Haberl, F. *see* Hauser, H. 53057
Haberl, O.F., Kropf, T. Self testable boards with standard IEEE 1149.5 module test and maintenance (MTM) bus interface 49697
Haberla, H. Experiences in design of mixed-signal circuits with CASE tools 80503
Haberland, H., Mall, M., Moseler, M., You Qiang, Reiners, T., Thurner, Y. Filling of micron-sized contact holes with copper by energetic cluster impact 91636
Haberle, J. *see* Mahn, J. 79331
Haberlin, H., Beutler, C., Oberli, S. The network connected 1,1 kW photovoltaic installation of the Burgdorf Engineering College on the Jungfraujoch 78511
Haberman, R. *see* Domingo, J. 57940
Habermann, R. Simulation analysis of loss characteristics in ATM switching systems by R1022 57939
Habermayr, E., Hofmeister, J. Type 486 microprocessor with 'slumber state' for power saving 55295
Habermehl, S., Dietz, N., Lu, Z., Bachmann, K.J., Lucovsky, G. Heteroepitaxial growth of Si on GaP and GaAs surfaces by remote, plasma enhanced chemical vapor deposition 91485
Habermeier, H.-U. *see* Jager-Waldau, G. 49760
Habermeier, H.-U. *see* Jager-Waldau, G. 81521
Habermeier, H.-U. *see* Jager-Waldua, G. 55544
Habermeier, H.U. *see* Ece, M. 70131
Habersack, J. *see* Fasold, D. 57303
Habetler, T. *see* Jiang, H. 77975
Habetler, T.G. *see* Hurst, K.D. 100839
Habetler, T.G. *see* Schoen, R.R. 68598
Habib, F. *see* Fife, A.A. 93943
Habib, I.W. *see* Tarraf, A.A. 85527
Habib, I.W. *see* Tarraf, A.A. 85907
Habib, I.W. *see* Tarraf, A.A. 96796
Habib, K. Initiation of stress corrosion cracking of Ti_{90}-Al_{16}-V_4 wire in aqueous solution by holometry 70197
Habib, M.H. *see* Van Halen, P. 55636
Habibi, A., Blyth, B., Andrews, C. Classification consistency for bandwidth compressed multispectral imagery 96090
Habibi, S.K., Ranson, D.S. Visualizing multidimensional process control relationships 68108
Habich, U. *see* Ehrlichmann, D. 72954
Habich, U. *see* Ehrlichmann, D. 94559
Habiger, C.M. *see* Hedge, S.J. 80349
Habiger, E. Electromagnetic compatibility: overlapping aspects in neighbouring problem areas 83703
Habiger, E., Wolf, J., Wendsche, S. What do standardised proofs of EMC immunity from pulsed test interference accomplish from the statistical point of view? 83706
Habraken, F.H.P.M., Kuiper, A.E.T. Silicon nitride and oxynitride films 70171
Habrard, M.C. *see* Bosisio, L. 59074
Habrard, M.C. *see* Dierickx, B. 67378
Habs, D. *see* Grieser, M. 76310
Habs, D. *see* Hochadel, B. 53103
Habsieger, L. Lower bounds for q-ary coverings by spheres of radius one 69732
Habti, A.El *see* El Habti, A.
Habuka, H., Katayama, M., Shimada, M., Okuyama, K. Numerical evaluation of silicon-thin film growth from $SiHCl_3$-H_2 gas mixture in a horizontal chemical vapor deposition reactor 54889
Habur, K. *see* Tyll, H.K. 68050
Habutsu, Y. *see* Itoh, M. 92210
Hac, A. An algorithm for architecture partitioning in high-speed networks with bursty traffic 75060
Hac, A., Yur, V. A comparative performance analysis of high-speed switch architectures 96152
Haccoun, D. *see* Begin, G. 51364
Haccoun, D. *see* Belanger, N. 51367
Haccoun, D. *see* Chan, F. 73619
Haccoun, D. *see* Despins, C.L. 65651
Haccoun, D. *see* Lavoie, P. 51351
Hache, A. *see* van Driel, H.M. 56850
Hache, C. *see* Haisch, H. 86520
Hache, F. *see* Driscoll, T.J. 83268
Hachicha, M. *see* Bohm, S. 86252
Hachicha, M. *see* Bohm, S. 86253
Hachigo, A. *see* Nakahata, H. 93865
Hachigo, A. *see* Shikata, S. 93846
Hachitori, K. *see* Kikuma, N. 65666
Hachiuma, Y., Ashida, A., Yamamoto, N., Ito, T., Cho, Y. Characteristics of p-$CuInSe_2$/n-CdS heterojunction prepared by evaporation of Cu_2Se and In_2Se_3 93004
Hachiuma, Y. *see* Ashida, A. 61358
Hachiuma, Y. *see* Ashida, A. 79930
Hachiya, Y. *see* Takagi, Y. 70015
Hachmann, U. *see* Ramacher, U. 49600
Hachtel, G.D., Hermida, M., Pardo, A., Poncino, M., Somenzi, F. Re-encoding sequential circuits to reduce power dissipation 92144
Hachtel, G.D., Macii, E., Pardo, A., Somenzi, F. Probabilistic analysis of large finite state machines 91980
Hachtel, G.D. *see* Bahar, R.I. 49284
Hachtel, G.D. *see* Bahar, R.I. 49334
Hachtel, G.D. *see* Bahar, R.I. 92161
Hachtel, G.D. *see* Cho, H. 49076
Hachtel, G.D. *see* Hyunwoo Cho 92033
Hachtel, G.D. *see* Pixley, C. 80031
Hacioglu, K. Least squares multi-pulse linear predictive analysis 73899
Hack, M. *see* Mei, P. 81912
Hack, M. *see* Shaw, J.G. 62646
Hack, M. *see* Shell-De Guzman, M. 60963
Hack, R.D. Designing digital filters using field programmable gate arrays 70760
Hack, R.D., Foreman, S. A joint university-government-high school technology motivation program 54389
Hack-Sung Kim *see* Chung-Yuen Won 100756
Hackam, R. *see* Abdel-Salam, T.S. 68200
Hackbart, A.S. *see* de Salles, A.A. 56540
Hackbarth, B.A. *see* Nathan, C. 86992
Hackbarth, T. *see* Dickmann, J. 61936
Hackbarth, T. *see* Moller, B. 83095
Hackbarth, T. *see* Moller, B. 83157
Hacke, J. *see* Leacock, T. 97659
Hacke, P., Uesugi, M., Matsuda, S. A study of the relationship between junction depth and GaAs solar cell performance under a 1 MeV electron fluence 100453
Hackel, L.A., Dane, G.B., Zapata, L.E., Hermann, M.R. Phase conjugated lasers applied to X-ray generation 72668
Hackel, L.A. *see* Dane, C.B. 83257
Hackel, M. *see* Abramo, A. 81195
Hacker, G., Krueger, P. Report on future mapping, charting, and geodesy digital information and services available from the Defense Mapping Agency 88927
Hacker, J.B., de Lisio, M.P., Moonil Kim, Cheh-Ming Liu, Shi-Jie Li, Wedge, S.W., Rutledge, D.B. A 10-watt X-band grid oscillator 80709
Hackett, A. *see* Bolender, N. 97543
Hackett, A. *see* Dupont, A. 58933
Hackett, B. *see* Leach, T. 80303
Hackett, C.D. *see* Stewardson, H.R. 60403
Hackett, P.A. *see* Bourne, O.L. 81493
Hackstein, N., Rammsayer, T. ECG forward simulation with the computer 88479
Hackwood, S. The global research laboratory. Global-local conflicts of interest in research and education 79213
Hackworth, D.T., Sanger, P.A., Heyne, C.J. Applications of superconducting technology in the power industry 90471
Hackworth, J. *see* Vyden, B. 97221
Hada, H. *see* Fukase, T. 62552
Hada, H. *see* Hamada, T. 61733
Hadad, Z. *see* Ghassemzadeh, S.S. 75261
Hadaier, G. *see* Reissner, M. 72209
Hadama, H., Kawamura, R., Izaki, T., Tokizawa, I. Direct virtual path configuration in large-scale ATM networks 64947

Hadama, H., Kawamura, R., Sato, K. Virtual path restoration techniques with centralized control functions in ATM networks 51745
Hadama, H. *see* Kawamura, R. 52009
Hadama, H. *see* Watanabe, Y. 96271
Hadar, M. *see* Edry, D. 61543
Hadar, O., Rotman, S.R., Kopeika, N.S. Target acquisition modeling of forward-motion considerations for airborne reconnaissance over hostile territory 99398
Hadar, Y. *see* Tidhar, G. 51709
Haddad, A. *see* Rickard, D.A. 99630
Haddad, G.I. *see* Afzali-Kushaa, A. 63841
Haddad, G.I. *see* Afzali-Kushaa, A. 92992
Haddad, G.I. *see* Chen, W.L. 62717
Haddad, G.I. *see* Chien-Chung Chen 61933
Haddad, G.I. *see* Cowles, J. 86363
Haddad, G.I. *see* Cowles, J.C. 61930
Haddad, G.I. *see* Eisele, H. 80704
Haddad, G.I. *see* Gutierrez-Aitken, A.L. 58425
Haddad, G.I. *see* Kamoua, R. 61920
Haddad, G.I. *see* Karakucuk, M. 61950
Haddad, G.I. *see* Karakucuk, M. 80720
Haddad, G.I. *see* Mohan, S. 49236
Haddad, G.I. *see* Sotli Peng 81975
Haddad, G.I. *see* Trong-Huang Lee 55391
Haddad, G.I. *see* Trong-Huang Lee 80835
Haddad, G.I. *see* Trong-Huang Lee 92570
Haddad, J.W. *see* Aized, D. 82323
Haddad, N.F. *see* Brady, F.T. 93560
Haddad, P.R., Pozar, D.M. Characterisation of aperture coupled microstrip patch antenna with thick ground plane 73538
Haddad, R.A., Uzun, N. Modeling, analysis, and compensation of quantization effects in *M*-band subband codecs 83951
Haddad, R.A. *see* Akarun, L. 55341
Haddad, R.A. *see* Akarun, L. 84957
Haddad, R.A. *see* Sinha, N.D. 85048
Haddad, Y.M. *see* Iyer, S.S. 61219
Haddad, Z.S., Im, E. Maximum-likelihood estimation of surface and rain backscattering parameters 77361
Haddadi, N., Kuo, C.-C.J. Multiple bit-rate video compression via progressive motion field coding 64691
Haddock, J.L., Goodrich, F.G., Se Il Kim Design aspects of Korean mainland to Cheju island HVDC transmission 68183
Haddock, T. *see* Duvvury, C. 63000
Haddon, R.C. *see* Glarum, S.H. 50394
Haddrell, T. *see* Meldrum, D.T. 97495
Hadel, J.J., Lakey, M.J. A structured approach to warranty preparation and risk assessment 59484
Hademenos, G.J., Weinstein, H., McSherry, B., Leppo, J.A. An improved method for simultaneous dual isotope Tc-99m/Tl-201 emission scintigraphy 59296
Hademenos, G.J. *see* King, M.A. 59328
Haden, S.M., Squires, R. Power system monitoring and control facilities on protective relays 59736
Hadenfeldt, A.C., Sayood, K. Compression of color-mapped images 88847
Haderka, O., Maly, P. Dynamics of an actively mode-locked tunable solid-state laser in the case of detuning 56703
Hadfield, G.C., Cigich, C.M. Integrated intelligent fault diagnostics 75843
Hadidi, K., Kobayashi, H. A 25 MHz 20 dB variable gain amplifier 91923
Hadimioglu, B., Rawson, E.G., Lujan, R., Lim, M., Zesch, J.C., Khuri-Yakub, B.T., Quate, C.F. High-efficiency Fresnel acoustic lenses 99311
Hadipurnomo, M.S. *see* Watson, N.R. 68185
Hadish, A. *see* Schmitt, M. 63321
Hadish, A. *see* Schmitt, M. 82381
Hadizad, P. *see* Hsu, T.-Y. 81609
Hadjidimos, A., Plemmons, R.J. Optimal p-cyclic SOR 61164
Hadjifotiou, A. Very high speed optical transmission 58439
Hadjifotiou, A. *see* Lee, W.S. 52587
Hadjifotiou, A. *see* Lee, W.S. 65808
Hadjipanayis, G.C. *see* Singleton, E.W. 50202
Hadjipanayis, G.C. *see* Tang, Z.X. 50203
Hadjipanayis, G.C. *see* Wei Gong 71936
Hadjipanayis, G.C. *see* Withanawasam, L. 71989
Hadjitheodosiou, M.H., Coakley, F.P. Traffic analysis for CODENET—a multiservice VSAT network 65715
Hadjitheodosiou, M.H., Komisarczuk, P., Coakley, F., Evans, B.G., Smythe, C. Broadband island interconnection via satellite — performance analysis for the Race II CATALYST Project 86247
Hadjitheodosiou, M.H. *see* Sun, Z. 52209
Hadjitodorov, S., Boyanov, B.B., Ivanov, T., Dalakchieva, N. Text-independent speaker identification using neural nets and AR-vector models 57434
Hadjsaid, N., Fandino, J., Tran, Q.T., Sabonnadiere, J.C., Nerin, G. An adaptive correction for voltage security analysis using a local approach solution 53649
Hadjsaid, N., Fandino, J., Tran, Q.T., Sabonnadiere, J.C., Nerin, G. An adaptive correction for voltage security analysis using a local approach solution 78191
Hadjsaid, N., Sabonnadiere, J.C., Roudet, J., Nerin, G. Treatment of reactive power generators limits by a local approach solution in power security analysis 89066
Hadjsaid, N. *see* Tuan, T.Q. 59776
Hadkeaw, M. *see* Virojanapa, C. 91040
Hadler N., J.C. *see* Falleiros, M.C. 98649
Hadley, M.A. *see* Chen, G. 94451
Hadnagy, M. *see* Gili, L. 59541
Hadnagy, T.D., Mitra, S.N., Sheldon, D.J. The use of design of experiments to evaluate the reliability of ferroelectric nonvolatile memories 55255
Hadnagy, T.D., Sheldon, D.J. Retention and endurance effects of 4K and 64K FRAM memories 71895
Hadni, A. *see* Birch, J.R. 76149
Hadni, A. *see* Mage, J.C. 82099
Haduong, T., Benlaksira, M. Numbering and addressing within the interworking context 65379
Haduong, T., Venieris, I.S., Protonotarios, E.N., Tat, N. LAN, MAN, frame relay and ATM: a taxonomy of interworking units 58163
Hadziioannou, G. *see* Gill, R.E. 50671
Hadziioannou, G. *see* Malliaras, G.G. 72564
Hadzilacos, V. *see* Anagnostou, E. 74738
Hae Dong Gahng, Keun Sung Bae Single channel adaptive noise cancelation for enhancing noisy speech 95311
Hae Lyong Kim *see* Hyun Tae Jung 58198
Hae-Am Park *see* In-Su Cha 100809
Hae-Gwon Lee *see* Jin-Hee Lee 72845
Hae-Gwon Lee *see* Jong-Lam Lee 81960
Hae-Seung Lee A 12-b 600 ks/s digitally self-calibrated pipelined algorithmic ADC 49506
Hae-Seung Lee A 12 bit 600 kS/s digitally self-calibrated pipeline algorithmic ADC 70708
Hae-Seung Lee *see* Lloyd, J. 49188
Hae-Seung Lee *see* Nadeem, S. 80407
Hae-Seung Lee *see* Tewksbury, T.L., III 49999
Hae-Seung Lee *see* Thompson, B. 52264
Hae-Sung Park *see* Myung-Seon Kim 62589
Haeb-Umbach, R., Geller, D., Ney, H. Improvements in connected digit recognition using linear discriminant analysis and mixture densities 84019
Haeb-Umbach, R., Ney, H. Improvements in beam search for 10000-word continuous-speech recognition 51396
Haeb-Umbach, R. *see* Aubert, X. 84113
Haeb-Umbach, R. *see* Ney, H. 64388
Haebel, E. *see* Cavallari, G. 67070
Haebel, E. *see* Hartung, W. 67097
Haeberli, W. *see* Ross, M.A. 53283
Haecheon Kim *see* Jong-Lam Lee 81960
Haeffner, D.R. *see* Yahnke, C.J. 88277
Haefke, H. *see* Meyer, E. 71069
Haegel, N.M. *see* Madok, J.H. 49868
Haegemans, A. *see* Verschelde, J. 79672
Haelterman, M. Modulational instability, periodic waves and black and white vector solitons in birefringent Kerr media 83310
Haelterman, M. Polarisation domain wall solitary waves for optical fibre transmission 86416
Haelterman, M., Tolley, M.D. Pure polarization period-doubling instability in a Kerr-type nonlinear ring cavity 56877
Haelterman, M. *see* Sheppard, A.P. 63958
Haemmerli, S.D. *see* Hlavay, J. 87308
Haenisch, M.A.M., Ferraz, M.A., Fleming, W.J., Goncalves, P.M. Secondary effects in Cassegrain inverse antenna structures 86578
Haenni, D. *see* Burgett, W. 98480
Haenni, D. *see* McInturff, A.D. 76652
Haertel, H. New approach to introduce basic concepts in electricity 79174
Haertling, G. *see* Li, G. 50145
Haertling, G. *see* Liu, M. *(editor)* 48561
Haertling, G.H. Recent developments in bulk and thin film PLZT materials and devices 82143
Haertling, G.H. *see* Dausch, D.E. 56117
Haertling, G.H. *see* Lin, C. 54987
Haertling, G.H. *see* Preston, K.D. 50132
Haertling, G.H. *see* Wang, F. 56108
Haertling, G.H. *see* Wang, F. 56417
Haes, J. *see* Moerman, I. 83086
Haese, N. *see* Rolland, P.A. 86196
Haessler, A. *see* Cunin, B. 50157
Haest, M., Govaerts, B. A statistical hypothesis testing approach to the determination of supportable aircraft separation standards 65916
Hafdallah, H., Ouslimani, A., Adde, R., Vernet, G. Picosecond time domain measurements using GaAs FET sampler 81967
Hafeman, D. *see* Bousse, L. 50668
Hafen, E.S. *see* Chang, Y.H. 98645
Haferkamp, H. Use of laser powdered metal deposition welding techniques for maintenance purposes 99805
Hafez, A.F., Khalil, G.I. Track-hole formation of alpha-particle and recoil nuclei in an LR-115 nuclear track detector exposed to neutrons 98595
Hafez, H.M. *see* Zhang, C.G. 65555
Hafizi, B., Gold, S.H., Manheimer, W.M., Sprangle, P. Theoretical investigation of magnicon efficiency 76374
Hafizi, B., Sprangle, P., Fisher, A. A far-infrared grating free-electron laser 50877
Hafizi, B., Sprangle, P., Hirshfield, J.L. Beam quality in a cyclotron autoresonance accelerator 76629
Hafizi, B. *see* Cha-Mei Tang 67220
Hafizi, B. *see* Gold, S.H. 76373
Hafizi, B. *see* Sprangle, P. 63885
Hafizi, M., Delaney, M.J. Reliability of InP-based HBT's and HEMT's: experiments, failure mechanisms, and statistics 55923
Hafizi, M., Liu, T., MacDonald, P.A., Lui, M., Chu, P., Rensch, D.B., Stanchina, W.E., Wu, C.S. High-performance microwave power AlInAs/GaInAs/InP double heterojunction bipolar transistors with compositionally graded base-collector junction 92618
Hafizi, M., Liu, T., Schmitz, A.E., Macdonald, P.A., Lui, M., Williams, F. Power performance and reliability of AlInAs/GaInAs/InP double heterojunction bipolar transistors 55926
Hafizi, M., Liu, T., Stanchina, W.E., Rensch, D.B., Lui, M., Brown, Y.K. Importance of collector doping in the design of AlInAs/GaInAs/InP double heterojunction bipolar transistors 62695
Hafizi, M., Macdonald, P.A., Liu, T., Rensch, D.B., Cisco, T.C. Microwave power performance of InP-based double heterojunction bipolar transistors for C- and X-band applications 92526
Hafizi, M., Stanchina, W.E., Metzger, R.A., Jensen, J.F., Rensch, D.B., Delaney, M.J., Greiling, P.T., Williams, F. Reliability of high-performance AlInAs/GaInAs heterojunction bipolar transistors under forward bias and temperature stress 61913
Hafner, H., Muller, H. Applications of graphic colour VDUs in power station control rooms 60038
Hafskjaer, L. *see* Royset, A. 56742
Hag Ejaz *see* Ejaz Hag
Haga, H. *see* Ohnishi, H. 68221
Haga, K. *see* Shibata, S. 98487
Haga, S. *see* Kawata, T. 49484
Haga, Y., Miwa, S., Morita, E. Fine structure of the GaAs(001) surface 69956
Hagan, D.J., Wang, Z., Stegeman, G., Van Stryland, E.W., Sheik-Bahae, M., Assanto, G. Phase-controlled transistor action by cascading of second-order nonlinearities in KTP 83321
Hagan, M.T. *see* Yongqing Zhang 69704
Hagar, J. Electronic ballast: Factor Family, quality and reliability 60616
Hagberg, J.O. *see* Askne, J. 77246
Hagberg, M., Eriksson, N., Kjellberg, T., Larsson, A.G. Demonstration of blazing effect in detuned second order gratings 50852
Hagberg, M., Jonsson, B., Larsson, A.G. Investigation of chemically assisted ion beam etching for the fabrication of vertical, ultrahigh quality facets in GaAs 55797
Hage, M. *see* Aboulnasr, T. 52218
Hage-Ali, M. *see* Elsener, K. 67194
Hagedoorn, H.L. *see* Botman, J.I.M. 50884
Hagedoorn, H.L. *see* Botman, J.I.M. 76696
Hagedoorn, H.L. *see* Delhez, J.L. 76548
Hagedoorn, H.L. *see* Delhez, J.L. 87722
Hagedoorn, H.L. *see* van der Heide, J.A. 67145
Hagedoorn, H.L. *see* Webers, G.A. 76547
Hagedoorn, H.L. *see* Wetzels, S.F.C.L. 76708
Hagedorn, D. *see* Coull, L. 82423
Hagedorn, M.S. *see* DePuydt, J.M. 63839
Hagedorn, R., Fuhr, G., Muller, T., Schnelle, T., Schnakenberg, U., Wagner, B. Design of asynchronous dielectric micromotors 100181
Hagel, O.-J. *see* Dahlgren, U. 92578
Hagel, R. *see* Gong, L. 54263
Hagel, R. *see* Gong, L. 69230
Hagel, R. *see* Gong, L. 90642
Hagele, W. *see* Rosenberg, U. 70833
Hagelin, B.C.W., Kahn, D. The story of the Hagelin cryptos 73690
Hagelin, P.M., Hewit, J.R. Artificial neural networks for locating eyes in facial images 95799
Hagelstein, P., Muendel, M., Goodberlet, J., Basu, S., Kaushik, S. Gain observations at 204.2 Å in Ni-like Nb 50738
Hageman, H. *see* Rieke, A. 51855
Hageman, L. *see* Cook, G.G. 83842
Hageman, P.R., Olsthoorn, S.M., Giling, L.J. Growth of high-quality $Al_xGa_{1-x}As$ ($x=0.05$-0.65) by low-pressure metalorganic vapour phase epitaxy using dimethylethylamine-alane 79849
Hageman, P.R. *see* Anders, M.J. 81452
Hageman, P.R. *see* Christianen, P.C.M. 62189
Hageman, P.R. *see* Driessen, F.A.J.M. 71174
Hagemann, K., Schulze-Zachau, W. Remote meter reading of special contract consumers on the OVAG 99794
Hagemeyer, A. *see* Fischer, G. 49014
Hagen, F.W., Seidel, H. Deutsche Airbus flight test of Rosemount smart probe for distributed air data systems 53511
Hagen, H. *see* Foley, T.A. 69790
Hagen, K.ten *see* ten Hagen, K.
Hagen, M. *see* Haworth, D. 96704
Hagen, M. *see* Smirnov, M.T. 77376
Hagen, M. *see* Vivekanandan, J. 59552
Hagen, R., Hedelin, P. Robust vector quantization in spectral coding 73833

Hagen, S.T. Improving the AC breakdown strength of XLPE cable insulation by impregnation 89289
Hagen, S.T. *see* Ildstad, E. 80946
Hagenauer, J. Combined source and channel coding for mobile radio applications 65682
Hagenmeyer, E. Present-day developments in the European internal market for electricity 99480
Hagenmuller, P. *see* Huang, S.-Y. 56123
Hagensen, M. *see* Bodin, P. 94032
Hagenzieker, M.P. *see* Theeuwes, J. 98747
Hager, G. *see* Miller, H.C. 94339
Hager, M., Hartings, R., Ruter, F. The dry salt layer (DSL) method a new pollution test method for coastal environments 89339
Hager, N.E., III Broadband time-domain-reflectometry dielectric spectroscopy using variable-time-scale sampling 53020
Hager, R. *see* Popien, C. 96644
Hager, S.A. *see* Hussein, A. 76796
Hagerer, A. *see* Hahn, W. 92013
Hagerman, M. *see* Fulin Xiong 94638
Hagerott, M. *see* Ding, J. 72870
Hagerott, M. *see* Ding, J. 94457
Hagerty, R.J. *see* Bhagavatula, V.A. 94129
Hagerty, S.P., Young, J.M., Peck, C.S., Tilley, J.N. Analytical comparison of pre-detection, post-detection, and hybrid image compensation techniques in the presence of atmospheric turbulence 74361
Hagerup, T., Maas, M. Generalized topological sorting in linear time 91259
Hagfeldt, A., Vlachopoulos, N., Gratzel, M. Fast electrochromic switching with nanocrystalline oxide semiconductor films 72438
Hagfors, T. *see* Kildal, P.-S. 58529
Hagfors, T. *see* Mishin, E. 59544
Haggag, H. *see* Bergemont, A. 92185
Haggard, R.L. *see* Sathe, S.J. 80283
Haggerty, H. Discrete component hardware neural net for drift chamber track finding 76769
Haggerty, H. *see* Lindsey, C.S. 76770
Haggett, R. *see* Viswanadham, P. 91054
Hagimoto, K. *see* Hill, K.O. 97288
Hagimoto, K. *see* Kataoka, T. 58374
Hagimoto, K. *see* Kataoka, T. 58428
Hagimoto, K. *see* Kataoka, T. 97261
Hagimoto, K. *see* Kataoka, T. 97268
Hagimoto, K. *see* Kato, T. 91422
Hagimoto, K. *see* Kawakami, H. 86414
Hagimoto, K. *see* Miyamoto, Y. 52562
Hagimoto, K. *see* Miyamoto, Y. 58397
Hagimoto, K. *see* Miyamoto, Y. 86442
Hagimoto, K. *see* Sano, A. 97227
Hagimoto, M. *see* Shibuya, Y. 56564
Hagimura, K. *see* Torazawa, H. 56532
Hagin, A.A. Performability, reliability, and survivability of communication networks: system of methods and models for evaluation 65143
Hagino, H. *see* Yamashita, J. 55969
Hagino, K. *see* Wang, J. 86106
Hagio, K., Furukawa, S., Aoyama, K., Yabuta, A., Masuda, T. Development of an ASIC for wide-angle "Genkanban" 97607
Hagiwara, H. *see* Bisaka, Y. 96747
Hagiwara, N. *see* Ogura, I. 66685
Hagiwara, N. *see* Wada, T. 78680
Hagiwara, R. *see* Makino, Y. 89746
Hagiwara, S. *see* Baji, T. 70655
Hagiwara, T., Tanaka, H. FM V series [personal computers] 92268
Hagiwara, T. *see* Masuda, T. 56479
Hagiya, N., Kaniyil, J., Onozato, Y., Ohta, M. Concentrated traffic in non-hierarchical networks under alternate routing scheme: a behavior analysis 85377
Haglund, L. *see* Barman, H. 59272
Haglund, R.F., Jr., Li Yang, Magruder, R.H., III, White, C.W., Zuhr, R.A., Lina Yang, Dorsinville, R., Alfano, R.R. Nonlinear optical properties of metal-quantum-dot composites synthesized by ion implantation 72363
Hagman, W.H. *see* Kirtley, J.L. 78584
Hagmann, C. *see* Clapp, A. 58784
Hagmann, C. *see* Tanaka, S.T. 58782
Hagmann, H., Fargahi, A., Nagele, W., Zimmermann, H. A new rodent-protected, highly flexible, non-metallic fibre-optic cable 52517
Hagmann, M.J. *see* Pessoa, G.T.S. 83794
Hagmanns, F.J. Reception techniques for high speed vehicles in the GSM mobile radio system. II. Global channel adaption 97116
Hagmanns, F.J., Hespelt, V. On the detection of bandlimited direct-sequence spread-spectrum signals transmitted via fading multipath channels 75310
Hagmanns, F.J.Von *see* Von Hagmanns, F.J.
Hagn, G.H., Gibson, A.J., Bradley, P.A. Propagation on frequencies above the basic maximum usable frequency 83659
Hagn, G.H. *see* Breakall, J.K. 73523
Hagner, L.R. *see* Wrezel, J.A. 81043
Hagood, N., McFarland, A. Modeling of a piezoelectric rotary ultrasonic motor 100173
Hagood, N. *see* Fripp, M. 82211
Hagood, N.W. *see* Chan, K.H. 82160
Hagston, W.E., Weston, S.J., O'Neill, M., Stirner, T., Harrison, P., Hogg, J.H.C., Ashenford, D.E., Lunn, B. Characteristic Zeeman patterns in novel graded gap II-VI quantum well structures 55600
Hagston, W.E. *see* Dhese, K.A. 70138
Hagston, W.E. *see* Stirner, T. 55601
Hagstrom, S.B. *see* Olson, D.S. 79934
Hague, A. *see* Srinivasan, R. 54417
Hah Yung-Joon *see* Yung-Joon Hah
Hahkala, M. Air toxics research in Finland 78382
Hahm, C. *see* Morin, B.G. 64163
Hahm, Y.H. *see* Gupta, S. 68260
Hahn, A. *see* Halling, A.M. 76461
Hahn, A.D. *see* Booth, N.E. 59060
Hahn, A.D. *see* Swift, A.M. 59165
Hahn, B. The cavitation chamber 76810
Hahn, B. *see* Stanzl, H. 91517
Hahn, B. *see* Wolf, K. 69999
Hahn, F. *see* von Apeldoorn, G. 88116
Hahn, G. Telemetry from rotating devices via rotating transducers 96588
Hahn, G.J. *see* Doganaksoy, N. 91115
Hahn, H. *see* Timmermann, D. 55212
Hahn, J.W., Rhee, C. Interpolation equation for the calibration of infrared pyrometers 66344
Hahn, K.H., Dolfi, D.W., Moshrefzadeh, R.S., Pedersen, P.A., Francis, C.V. Novel two-arm microwave transmission line for high-speed electro-optic polymer modulators 72454
Hahn, N. Internal communication with telecommunications installations 96823
Hahn, R., Klockau, J., Fotheringham, G. Electrical characterisation of YBCO-Au thin-film contacts 56237
Hahn, R., Krieger, R., Becker, B. A hierarchical approach to fault collapsing 49307
Hahn, R.Von *see* Von Hahn, R.
Hahn, S., Becks, K.H., Hemker, A. Solving optimization problems with evolutionary algorithms 79642
Hahn, S.F., Cafferty, M.M. Custom bipolar integrated circuit designs for the front-end electronics of the Silicon Tracker subsystem for SSC-GEM detector 76836
Hahn, S.K. *see* Kim, K.I. 93146
Hahn, S.R., Parsons, J.D., Ellsworth, J.A., Vydyanath, H.R. Electrical characterization of $Hg_{1-x}Cd_xTe$ ($0.126 \leqslant x \leqslant 0.58$) grown by organometallic vapor phase epitaxy 71110
Hahn, T.S. *see* Sang Yeong Lee 70855
Hahn, U. *see* Zhibi Wang 87761
Hahn, W., Hagerer, A., Herrmann, C. Compiled-code-based simulation with timing verification 92013
Hahn Kyoung *see* Kyoung Hahn
Hahn Minsoo *see* Minsoo Hahn
Hahn Song-Yop *see* Song-Yop Hahn
Hahn Soo Kap *see* Soo Kap Hahn
Hahn Sung Hong *see* Sung Hong Hahn
Hahne, E.L. *see* Choudhury, A.K. 64973
Hahne, E.L. *see* Choudhury, A.K. 75158
Hahne, G., Zulsdorf, M. 110 kV gas filled pressure cable in Germany 59950
Hahniche, J., Iwanitz, F., Langer, M. Tools and components for the Interoperable Systems Project (ISP) to operate over the Fieldbus bus system 85814
Hai Bin Chung *see* Yong-Ho Oh 71456
Hai Li Fa *see* Fa Hai Li
Hai Liu, Xiyu Du, Zhengding Qiu Design of fan filters with arbitrary angle and $\pm 45°$ orientation 84480
Hai Xie Mao *see* Mao Hai Xie
Hai-Doo Kim *see* Jae-Woong Ko 82333
Hai-Gang Yang, Fluxman, S., Reita, C., Migliorato, P. Design, measurement and analysis of CMOS polysilicon TFT operational amplifiers 61576
Hai-Ping Wang *see* Wang Hai-Ping
Hai-Young Lee Wideband characterization of mutual coupling between high density bonding wires 79359
Hai-Zhi Song *see* Song Hai-Zhi
Haibin Gao *see* Gao Haibin
Haibo Li, Forchheimer, R. Two-view facial movement estimation 74492
Haibo Li, Lundmark, A., Forchheimer, R. Image sequence coding at very low bit rates: a review 84770
Haider, A.F.M.Y. *see* Das, K.K. 82596
Haider, S. *see* von Apeldoorn, G. 88116
Haider, T.K., El-Khatib, E.E. Measurements of phantom scatter factors for small field sizes in high energy X-rays 67640
Haideri, A.Q., Paraskiewicz, J.A. Saving energy and protecting the environment through a retrofit lighting program 60648
Haidner, H. *see* Schwider, J. 50543
Haidt, D. Bubble chamber ν—experiments and the standard model 76807
Haifan Fu *see* Fu Haifan
Haifang Liao, Wei-Ming Dai, W. Capturing time-of-flight delay for transient analysis based on scattering parameter macromodel 91829
Haigeng Wang, Dutt, N., Nicolau, A. MCM-based architectural synthesis of IIR digital filters 80468
Haigh, D. *see* Visocchi, P. 70727
Haigh, D.G. GaAs MESFET active resonant circuit for microwave filter applications 70917
Haigh, J.A., Mason, J.S. Robust voice activity detection using cepstral features 84172
Haigis, J.R. *see* Farquharson, S. 49039
Haihong Wang *see* Chicharo, J.F. 59678
Haijbregts, E.P. *see* Hun Xue 91705
Haijun Liu *see* Liu Haijun
Haikawa, Y. *see* Kurata, M. 66091
Haikawa, Y. *see* Nishida, S. 86811
Hailey, C.J., Bixler, J.V. A tunable x-ray source for characterization of x-ray dispersing elements 59245
Haili Pan, Bangjian An, Chen, Y., Orady, E. Thermal EMF method for monitoring drilling tool wear 59004
Hailin Ge *see* Ge Hailin
Hailong Duan *see* Duan Hailong
Hailong Zhang *see* Dingquan Xiao 56099
Haim, M. *see* Porat, Z. 91133
Haiming Wang Determination of refractive indices and thickness of absorbing crystalline thin films by using prism coupler 66704
Haiming Wang Application of position-sensitive detectors to dynamic inspection of diameter of metal wires 76200
Haimov, S., Moore, R.K. Statistics of radar sea spikes at moderate angles of incidence 77519
Haimov, S., Moore, R.K., Sistani, B.B. Comparison of slope-derived and height-derived modulation transfer functions for radar return and ocean waves 77520
Haimov, S. *see* Evans, C. 99217
Haimov, S. *see* Hesany, V. 99240
Haimov, S. *see* Rose, M. 99218
Haimovich, A. The eigencanceler: a new space-time interference canceler 75535
Haimovich, A.M., Peckham, C.D., Teti, J.G., Jr. SAR imagery of moving targets: Application of time-frequency distribution for estimating motion parameters 74380
Haines, B.J. *see* Lichten, S.M. 75671
Haines, G. Rounding out-of-shape rotors 78552
Haines, L.A. Task analysis as a basis for the development of a training system 59658
Haines, M.G. *see* Mitchell, I.H. 68934
Haines, N.A. *see* Leite, M.S. 100911
Haines, R.F. *see* Chuang, S.L. 97204
Hainian Yu *see* Yu Hainian
Hains, D. *see* Tessier, B. 88825
Hainsworth, M.C. *see* Oswald, R. 90428
Haiqin Chen *see* Chen Haiqin
Haiqing Wu *see* Delisle, G.Y. 75549
Hairapetian, G., Davis, P., Everett, M., Clayton, C., Joshi, C., Hartman, S., Park, S., Pellegrini, C. Streak camera measurements of electron bunch length from a copper photocathode in an RF gun 76749
Hairapetian, G. *see* Davis, P. 76744
Hairapetian, G. *see* Hartman, S.C. 66998
Hairapetian, G. *see* Pellegrini, C. 76425
Hairer, E., Wanner, G. Symplectic Runge-Kutta methods with real eigenvalues 79729
Hairetdinov, A.H. *see* Varfolomeev, A.A. 53119
Hairetdinov, A.H. *see* Varfolomeev, A.A. 53120
Hairong Sun *see* Sun Hairong
Haisch, H., Baumert, W., Hache, C., Kuhn, E., Klenk, M., Satzke, K., Schilling, M., Weber, J., Zielinski, E. High speed low chirp MQW transmitters for standard fibre TDM transmission systems 86520
Haisch, H. *see* Cebulla, U. 65812
Haisch, H. *see* Zielinski, E. 56434
Haisen Li, Sichun Li, Lan Yao A parallel algorithm of correlation processing and its hardware architecture realization 95577
Haisheng Li *see* Li Haisheng
Haisma, J. *see* Spierings, G.A.C.M. 62380
Haitao Liu *see* Liu Haitao
Haitao Ni *see* Xiuzhi Li 89868
Haitao Yang *see* Yang Haitao
Haitsuka, S. *see* Cho, Y. 71903
Haitsuka, S. *see* Cho, Y. 93835
Haixian Feng *see* Feng Haixian
Haixian Wang *see* Wang Haixian
Haixin Chen, Zhenkang Shen, Huihuang Chen Detecting dim point target in infrared image sequences using probalilistic neural network 95697
Haiyan Cheng *see* Cheng Haiyan
Haiyin Sun Effect of induced lateral dielectric modulation on gain nonlinearity in stripe semiconductor lasers 83117
Haiyin Sun, Menhart, S., Adams, A. Calculation of spectral linewidth reduction of external-cavity strong-feedback semiconductor lasers 83078
Haiyin Sun, Menhart, S., Zhong Wan, Yubin Ye Gain saturation effect of photon and carrier density transverse distributions in a semiconductor injection laser 63808
Haiyun Wang *see* Jian-Gang Zhu 63229
Haiyun Yang *see* Lunji Qiu 84176
Haizhou Li *see* Weidong Wang 84481
Haj-Hariri, H. *see* Prudhomme, S.M. 77191
Hajare, A., Wick, D.T. A simulation model for assessing network capacity 74978
Hajare, A.R. *see* Wick, D.T. 53502
Hajdinjak, M. Measurement of typical features of dielectric resonator 93867
Hajdu, F. *see* Peto, G. 71131

Hajek, B., Likhanov, N.B., Tsybakov, B.S. On the delay in a multiple-access system with large propagation delay 96178
Hajek, B. *see* Dupuis, H. 64998
Hajek, B. *see* Weller, T. 64965
Hajek, B.K., Kiyohashi, S., Miller, D.W., Hines, J.W. An operator advisor for detecting and diagnosing multiple malfunctions in a commercial BWR - a reimplementation 68394
Hajek, B.K. *see* Miller, D.W. 68376
Hajeomar, R. *see* Zein-Sabatto, S. 84857
Haji, L., Joubert, P., Stoemenos, J., Economou, N.A. Mode of growth and microstructure of polycrystalline silicon obtained by solid-phase crystallization of an amorphous silicon film 49770
Haji, L. *see* Plevert, L. 81398
Haji, L. *see* Stoemenos, J. 81396
Hajj, I.N. *see* Lee, T. 49399
Hajj, I.N. *see* Pi-Yu Chung 80240
Hajj, I.N. *see* Ping-Chung Li 62986
Hajj, I.N. *see* Ping-Chung Li 82072
Hajj, I.N. *see* Weitong Chuang 91814
Hajjar, J.-J.J. *see* Ganci, P.R. 62710
Hajji, R., Ghannouchi, F.M., Kouki, A.B. Small-signal modeling of high power HBTs using the scaling approach 93331
Hajlaoui, R. *see* Garnier, F. 81921
Hajlaoui, R. *see* Horowitz, G. 81983
Hajra, A.K. *see* De, S.S. 71147
Hajsaid, M., Charlson, E.J., Charlson, E.M., Zhao, G., Meese, J.M., Stacy, T., Popovici, G., Prelas, M.A. High quantum efficiency for Pt_2Si Schottky-barrier diodes in the vacuum ultraviolet 62660
Hak Hwang Jong *see* Jong Hak Hwang
Hak Hwang Myung *see* Myung Hak Hwang
Hak Keun Choi *see* Seong Bin Lim 97129
Hak Lee Jae *see* Jae Hak Lee
Hak Tae Oh *see* Taeg Yong Kwon 73079
Hak Yang Seung *see* Seung Hak Yang
Hak-Kee Jung Analysis of MODFET transport using Monte Carlo algorithm: gate length dependent characteristics 71742
Hak-yeong Chung, Bien, Z., Joo-hyun Park, Poonghyun Seong Incipient multiple fault diagnosis in real time with application to large-scale systems 89466
Hakamata, Y., Sueyoshi, Y., Okuno, M. Transmission loss budget design of the optical star-shaped ring network 97260
Hakamata, Y., Yoshizawa, T. Method of measuring optical switch crosstalk attenuation considering polarization variation 86450
Hakami, M.R., Warter, P.J., Boncelet, C.C., Jr. A new VLSI architecture suitable for multidimensional order statistic filtering 55342
Hakavik, B., Holen, A.T. Power system modelling and sparse matrix operations using object-oriented programming 77852
Hake, A. *see* Kramer, H. 88264
Hake, M.E. *see* Weggel, R.J. 82445
Haken, B.ten *see* ten Haken, B.
Haken, H. Optical synergetic computers for pattern recognition 51582
Haken, L. *see* Uribe, R.B. 60786
Haken, R.K.T. *see* Antonuk, L.E. 59363
Haken, R.K.T. *see* Antonuk, L.E. 88367
Haki Taher, H.I. *see* Chelyadinskii, A.R. 49872
Hakim, D.O., Pepe, D.M. PCS for mobile business 86177
Hakim, E. *see* Fayette, D.F. 54497
Hakim, E. *see* Pecht, M. 90964
Hakim, E.B. *see* Condra, L.W. 54631
Hakim, E.B. *see* Lall, P. 55056
Hakimi, S.L. *see* Bagchi, A. 57943
Hakimi, S.L. *see* Bagchi, A. 65261
Hakimi, S.L. *see* Corneil, D.G. 54670
Hakkarainen, E., Holm, J.-O. Integration of hydro/thermal power pays off in Baltic 89059
Hakki, B.W. *see* Chen, C.D. 75394
Hakkinen, J., Vaananen, M. Background noise suppressor for a car hands-free microphone 73890
Hakkinen, V. *see* Pietila, T. 88493
Haklisch, C.S. *see* Egelhoff, W.G. 90868
Hakonen, P.J. *see* Alles, H. 58860
Hakopian, H. *see* Ariztizabal, F. 98518
Hakoun, R. *see* Bourhis, J.F. 82703
Hakozaki, K. *see* Kawamura, A. 70508
Hakozaki, K. *see* Sato, S. 70520
Hakuma, H. *see* Kushiya, K. 100458
Halak, M. *see* Hubbi, W. 89994
Halamek, J., Kasal, M., Krejci, I., Cofrancesco, P., Villa, M. Requirements and implementation of a high dynamic range ZOOM FFT: System response analysis 74127
Halamek, J. *see* Kasal, M. 66161
Halang, W.A. *see* Wannemacher, M. 92432
Halani, A. *see* Basol, B.M. 90409
Halani, A. *see* Basol, B.M. 100497
Halas, N.J. *see* Reiten, M.T. 73107
Halas, N.J. *see* Reiten, M.T. 83269
Halasz, S., Hassan, A.A.M., Huu, B.T. Optimal control of three level PWM inverters 100324
Halbach, K. *see* Friedman, A. 67218
Halbach, K. *see* Humphries, D. 63254
Halbach, K. *see* Schlueter, R.D. 87779
Halbach, K. *see* Schlueter, R.D. 87780
Halbach, K. *see* Tatchyn, R. 63889
Halbach, K. *see* Winick, H. 63870
Halbach, K. *see* Winick, H. 83178
Halbach, K. *see* Young, A.T. 76304
Halberstam, H. *see* Diamond, H.G. 61191
Halbleib, J.A. *see* Sanford, T.W.L. 67023
Halbleib, J.A. *see* Sanford, T.W.L. 76389
Halbleib, L., Wormington, P., Cieslak, W., Street, H. Application of quality function deployment to the design of a lithium battery 100435
Halbritter, J. *see* Nickel, H.-U. 55507
Halchin, D., Miller, M., Golio, M., Tehrani, S. HEMT models for large signal circuit simulation 81989
Haldar, J.C. *see* De, S.S. 71147
Haldar, N.K. *see* Chrys Mendis, F.V. 86338
Haldar, P. *see* Balachandran, U. 63327
Haldar, P. *see* Hascicek, Y.S. 82448
Haldar, S. An all pairs shortest paths distributed algorithm using $2n^2$ messages 64920
Haldar, S., Khanna, M.K., Gupta, R.S. Narrow gate effect on depletion mode insulated gate field effect transistor 71635
Haldar, S., Maneesha, Khanna, M.K., Gupta, R.S. A device model for an ion-implanted MESFET with Half-Pearson and Half-Gaussian distribution under post-anneal conditions 81950
Haldar, S. *see* Aggarwal, V. 55950
Haldar, S. *see* Khanna, M.K. 93483
Haldeman, D.G. *see* Pflasterer, C.A. 88699
Halder, B., Viberg, M., Kailath, T. An efficient non-iterative method for estimating the angles of arrival of known signals 95623
Halder, W. *see* Gluck, A. 66255
Halderen, A.van *see* van Halderen, A.
Haldoupis, C., Koehler, J.A., Sofko, G.J., Mu, J., Andre, D., Kustov, A.V., Danskin, D.W. Auroral radar frequency broadening measurements at large aspect angles and comparison with theory 59556
Hale, D.L. *see* Alexander, J.P. 59072
Hale, J.R., Marston, P.G., Sullivan, J.D., Titus, P.H., Maguire, J., Winn, P. High-performance magnet designs for space-based and balloon-borne particle spectrometers 83558
Hale, K. Automotive databus simulation using VHDL 100914
Hale, P.D., Humphreys, D.A., Gifford, A.D. Photodetector frequency response measurements at NIST, US, and NPL, UK: preliminary results of a standards laboratory comparison 72607
Halen, P.Van *see* Van Halen, P.
Halen, S. Life testing of power insulation at Vattenfall's testing station on Bohus-Malmon 89341
Halen, S. *see* Holmgren, B. 90092
Haley, M.W. *see* Ma, J. 62974
Haley, N.J. *see* Price, D.T. 54398
Haley, R. *see* Powell, T.J. 49500
Halfin, M., Coutu, G., Sturim, D., Stearns, S.D. Adaptive frequency selective filters 95563
Halgamuge, S. *see* Runkler, T. 90620
Halgas, S. *see* Tadeusiewicz, M. 91863
Halhed, B.R., Scott, D.L. Whither desktop videoconferencing? 75098
Halici, U. *see* Sungur, M. 54721
Halim, R. *see* Longo, L. 97134
Halka, U., Heute, U. Speech-model processes controlled by discrete Markov-chains 95316
Halke, M. *see* Donahue, J. 66950
Halkias, C. *see* Foudopoulos, P. 57522
Halkias, G. *see* Guan, L. 50711
Halks-Miller, M. *see* Kovacs, G.T.A. 76983
Hall, A.G. *see* Yu, S. 55148
Hall, B. Java transmission system 68268
Hall, B., Welfonder, E. Automatic detection and evaluation methods for identification of the static and dynamic behaviour of consumer distribution networks 99667
Hall, C., Lewis, R. Recent developments in X-ray detectors for synchrotron radiation experiments 88309
Hall, C. *see* Jones, A.O. 88221
Hall, C. *see* Jones, A.O. 88222
Hall, C. *see* Lewis, R.A. 87997
Hall, C.A., Jacobs, E.L. Characterization of ceramic capacitors for high-voltage pulse-discharge applications 90338
Hall, C.A. *see* Brooks, R.A. 80915
Hall, C.J. *see* Helsby, W.I. 88008
Hall, D. *see* Tang, L. 69225
Hall, D.A., Wang, H.W., Lonsdale, A. Torque measurement by means of a SAW resonator 87086
Hall, D.A. *see* Etuke, E.O. 87587
Hall, D.A. *see* Williams, M.A. 56142
Hall, D.C., Burns, W.K. Wavelength stability optimisation in Er^{3+}-doped superfluorescent fibre sources 50766
Hall, D.D., Crookes, C.G., Rippin, M.A. Experimental and theoretical high power behaviour of wideband photodiodes 50677
Hall, D.D. *see* Aitken, A.J.S. 52643
Hall, D.G. *see* Jordan, R.H. 63434
Hall, D.R., Betts, F.C. An air-to-air Situationally Interactive Combat Model (SICM) 88677
Hall, D.R., Betts, F.C. Strategies for the accreditation of an air-to-air situationally interactive combat model (SICM) 88918
Hall, D.R. *see* Colley, A.D. 56622
Hall, D.R. *see* Hornby, A.M. 56614
Hall, D.R. *see* Morley, R.J. 65931
Hall, D.R. *see* Su, D. 83232
Hall, D.R. *see* Vitruk, P.P. 72702
Hall, G. Detector radiation damage studies for a silicon microstrip tracker at LHC 88101
Hall, G. Front end electronics for silicon tracking at LHC 88248
Hall, G. Detector radiation damage studies for a silicon microstrip tracker at LHC 98592
Hall, G. Front end electronics for silicon tracking at LHC 98691
Hall, G. *see* Da Via, C. 53348
Hall, G. *see* Raymond, M. 88242
Hall, G. *see* Sachdeva, R. 88016
Hall, G. *see* Sanghera, B. 59303
Hall, G.E., Sofko, G.J., Koehler, J.A. Variations of spectral width with aspect angle for type II VHF echoes from the eastward electrojet 59542
Hall, G.J., Ferguson, A.I. Generation of single-frequency radiation at 1064, 1319, and 659.5 nm with an all-solid-state, out-of-plane Nd:YAG ring laser 50780
Hall, G.J. *see* Dymott, M.J.P. 56666
Hall, I.P. Novel techniques for low-cost, high performance, optoelectronic component assembly 55499
Hall, I.P. Novel techniques for low cost, high performance, optoelectronic component assembly 92840
Hall, I.P. *see* Bailey, S.A. 72322
Hall, J., Wong, R., Blau, J., Colson, W.B. Simulation of the SLAC X-ray free electron laser 83189
Hall, J. *see* Akchnrin, N. 66847
Hall, J. *see* Curtin, M. 68742
Hall, J. *see* Gill, G.S. 75542
Hall, J. *see* Shu, J. 92523
Hall, J.L. Frequency-stabilized lasers: from the beginning toward the future 72661
Hall, J.L. *see* Eickhoff, M.L. 86875
Hall, J.L. *see* Jungner, P. 86872
Hall, K. *see* Swanson, E.A. 94618
Hall, K.L., Lenz, G., Darwish, A.M., Ippen, E.P. Subpicosecond gain and index nonlinearities in InGaAsP diode lasers 94538
Hall, K.L. *see* Rauschenbach, G.A. 86023
Hall, L.D. *see* Doran, S.J. 76235
Hall, L.H. *see* Sees, J.A. 93151
Hall, M.J.W. Gaussian noise and quantum-optical communication 97321
Hall, P., Patil, P. On the efficiency of on-line density estimators 95058
Hall, P. *see* Wright, P.M. 64758
Hall, P.J.van *see* van Hall, P.J.
Hall, P.M. *see* Narayanan, R. 91008
Hall, P.S., Morrow, I.L. Analysis of radiation from active microstrip antennas 94970
Hall, P.S., Morrow, I.L., Haskins, P.M., Dahele, J.S. Phase control in injection locked microstrip active antennas 95016
Hall, P.S., Smith, M.S. Sequentially rotated arrays with reduced sidelobe levels 73551
Hall, P.S. *see* Bamford, L.D. 51216
Hall, P.S. *see* Smith, M.S. 73550
Hall, R.B. *see* Collins, S.R. 90420
Hall, R.B. *see* Rand, J.A. 100640
Hall, R.C. *see* Zurcher, J.-F. 57255
Hall, R.E., Kotler, V.R. Reduction of nitrogen oxide emissions at thermal power stations 89566
Hall, R.S. *see* Ashley, T. 50050
Hall, R.W., Kucuk, S., Hamdi, M. Wavelet transform embeddings in mesh architectures 96040
Hall, S. *see* Braceras, G. 92229
Hall, S. *see* Ngwa, C.S. 55674
Hall, S. *see* Wainwright, S.P. 71238
Hall, S.A., Lane, R., Han-Chung Wang, Gareri, A. Assembly of laser-fiber arrays 94120
Hall, T. *see* Budnick, J. 76688
Hall, T.J. *see* Cook, L.T. 67469
Hall, T.J. *see* Insana, M.F. 88880
Hall, W.F. *see* Birch, J.R. 76149
Hall, W.J. *see* Cahill, R. 57263
Halladay, J.A. *see* Keri, A.J.F. 68676
Hallak, A.B. *see* Al-Jarallah, M.I. 88200
Hallberg, O., Eriksson, B., Francis, R., Hjortendal, R., Lindberg, L.-I., Savstrom, B. Hardware reliability assurance and field experience in a telecom environment 61049
Halle, L.F., Moss, S.C., Marvin, D.C. Transient photoluminescence measurements on GaAs and AlGaAs double heterostructures 100519
Halle, R., Mariani, D. Crewman's Associate Advanced Technology Demonstration 77799
Haller, D.R., Lemon, D.D. Sidescan sonar detection performance with PRN coded signals 77550
Haller, E. *see* LeGros, M. 67306
Haller, E.E. *see* Fuchs, H.D. 81191
Haller, E.E. *see* Heiss, W. 63853
Haller, E.E. *see* Itoh, K.M. 49849
Haller, E.E. *see* Madok, J.H. 49868
Haller, E.E. *see* Scutero, M.J. 58780
Haller, E.E. *see* Walton, J.T. 88121
Haller, E.E. *see* Young, E.T. 58779
Haller, G. *see* Becker-Szendy, R. 87033
Haller, G. *see* Becker-Szendy, R. 97818
Haller, G.M., Wooley, B.A. A 700-MHz switched-capacitor analog waveform sampling circuit 49586

Haller, G.M., Wooley, B.A. A 700-MHz switched capacitor analog waveform sampling circuit 70786
Haller, G.M., Wooley, B.A. An analog memory integrated circuit for waveform sampling up to 900 MHz 80507
Haller, M.I., Khuri-Yakub, B.T. Micromachined 1-3 composites for ultrasonic air transducers 67932
Haller, M.I., Khuri-Yakub, B.T. Tapered acoustic matching layers 99339
Haller, T. *see* Gdula, M. 54511
Haller, T.R. *see* Krishnamurthy, V. 90998
Hallewell, G. *see* Abe, K. 88115
Hallewell, G. *see* Antilogus, P. 59064
Hallewell, G. *see* Antilogus, P. 59127
Hallewell, G.D. Development of active pixel vertex detectors for high luminosity particle physics applications 88018
Hallfahrt, G., Hesse, J., Jung, P., Kapteinat, H.-P., Meyer, M., Poschl, A. On the practice of dosimetry in nuclear power stations. II. Beta dosimetry 89424
Hallgren, A. *see* Adam, W. 88114
Hallgren, B. *see* Fanti, V. 76788
Halliday, J.A. *see* Watson, S.J. 77808
Hallikainen, M. *see* Grandell, J. 77443
Hallikainen, M. *see* Hyyppa, J. 67920
Hallikainen, M. *see* Jaaskelainen, V. 77525
Hallikainen, M. *see* Pulliainen, J. 67919
Hallikainen, M.T. *see* Pulliainen, J.T. 88864
Hallimaoui, A. *see* Dumas, P. 71070
Hallimaoui, A. *see* Dumas, P. 71071
Hallin, A. *see* Mercer, D.J. 87998
Hallinan, P.W. A low-dimensional representation of human faces for arbitrary lighting conditions 84715
Halling, A.M. Effects of transverse coupling on transverse beam size, simulation and measurements 66981
Halling, A.M., Xian Ping Lu Observation of the coalescing of beam into an asymmetric RF bucket by stochastic cooling 66980
Halling, A.M., Zagel, J.R., Hahn, A. The design and performance of a high sensitivity loss monitor system for use in the Fermilab antiproton rings 76461
Halling, H. *see* Meuth, H. 67232
Halling, M. *see* Visnjic, V. 87850
Halliwell, J. *see* Celata, C.M. 87832
Halliwell, N.A. *see* Lawson, N.J. 74441
Halliwell, N.A. *see* Rothberg, S.J. 76273
Halliwell, S.N. *see* Jones, D.R. 82955
Halliyal, A. *see* Vierheilig, A. 63074
Hallman, J.C., Jensen, B.W., Villarreal, R.L. Salt Lake City International Airport expansion transmission line relocations 89320
Hallmann, U. *see* Bunke, C. 90032
Hallmark, J.A. *see* Abrokwah, J.K. 61946
Halloran, P., Meyer, J.W., Brazil, T.J. An optimal equiripple representation of broadband excitations for use with harmonic balance simulators 80070
Hallowell, R.G. *see* Wolfson, M.M. 77202
Hallstrand, J., Martin, D. Industrial requirements on a service creation environment 96366
Hallstrand, J. *see* Ponten, L. 96447
Hallwood, M.A. VHDL and top-down methods prove successful in automotive electronic design 60600
Hally, P. *see* Tessier, B. 88825
Halmagean, E. *see* Lazarovici, D. 59231
Halperin, A., DiStefano, T.H., Shinwu Chiang Latent open testing of electronic packaging 48683
Halpert, G. *see* Nagasubramanian, G. 68971
Halpin, S.M., Grigsby, L.L. Fault analysis of multi-phase unbalanced non-radial power distribution systems 68216
Halpin, S.M., Grigsby, L.L., Gross, C.A., Nelms, R.M. An improved fault analysis algorithm for unbalanced multi-phase power distribution systems 78097
Halpin, S.M., King, R.L. Using simulation software to develop an intelligent power quality meter 89395
Halsall, F. The role of DQDB 65242
Halsall, F. *see* Ahmad, R. 58133
Halsall, F. *see* Ahmad, R. 64914
Halsall, F. *see* Ahmad, R. 65084
Halsall, F. *see* Weaver, E.T. 96254
Halstead, M., Kass, M., DeRose, T. Efficient, fair interpolation using Catmull-Clark surfaces 54802
Halstead, W. *see* Hicks, R. 77168
Halstrick, C. *see* Delgrossi, L. 65126
Haltenorth, H. *see* Achatz, V. 94315
Halter, E. *see* Davis, R. 99144
Halunga, S. *see* Schmidt, K. 92338
Haluzikova, J. *see* Jan, J. 98766
Halversen, S.D., Nanis, J.G., Owirka, G.J., Novak, L.M. A comparison of ultra-wideband SAR target detection algorithms 75627
Halversen, S.D. *see* Nanis, J.G. 65883
Halverson, D.R. *see* Thompson, M.W. 57532
Halverson, S. *see* Armstead, M. 92265
Halverson, W., Parodos, T., Maruska, H.P., Tuenge, R., Budzilek, R.A., Schlam, E. Introduction of RGB colors into thin film electroluminescent displays by ion implantation 87385
Halvis, J. *see* Temofonte, T.A. 66482
Halvorsen, D. Putting piezo polymer film to work 87117
Halvorsen, L. *see* Zerkus, M. 53474
Halvorson, C., Hays, A., Kraabel, B., Wu, R., Wudl, F., Heeger, A.J. A 160-femtosecond optical image processor based on a conjugated polymer 83328
Ham, B.S., Kim, M.K. Photon-echo amplification by an external-cavity amplifier 73063
Ham, K. *see* Yasuda, H. 62338
Ham, Y.M. *see* Lee, C.S. 71455
Ham Young Kug *see* Young Kug Ham
Ham Young-Mog *see* Young-Mog Ham
Hama, H., Inami, K., Fujii, H., Ooishi, T., Yoshimura, M., Nakanishi, K. Leader formation and propagation of positive surface discharges at impulse voltage in SF_6 gas 93702
Hama, H. *see* Mingyong Zhou 64451
Hama, K. *see* Fukuda, H. 62615
Hama, K. *see* Takagi, M.T. 92072
Hama, S. *see* Kiuchi, H. 87034
Hama, S. *see* Yoshino, T. 97766
Hama, T. *see* Asaoka, K. 100600
Hama, T. *see* Fujikake, S. 100598
Hama, T. *see* Murakawa, T. 89636
Hama, T. *see* Sato, H. 61353
Hama, T. *see* Sato, H. 100650
Hama, Y. *see* Yamamoto, M. 99347
Hamabe, M. *see* Wada, M. 53232
Hamabe, M. *see* Wada, M. 59055
Hamabe, R., Murata, M., Honda, Y., Yamamoto, T., Kumagai, A. A revised conformance test method of layer 3 of HBS standard 85788
Hamabe, R., Murata, M., Tatematu, K., Namekawa, T. A conformance test method for layer-3 of HBS 65263
Hamacher, H., Bluemel, U. D-2 acceleration characterization 77119
Hamada, A., Takeda, E. Hot-electron trapping activation energy under mechanical stress 71690
Hamada, A. *see* Kata, H. 96934
Hamada, H., Hirano, K., Goda, N., Abe, H., Hasegawa, I., Okita, Y., Arioka, S., Niina, T. Reduction of the off-state current of polysilicon thin-film transistors by means of a polysilicon buffer layer 93367
Hamada, H. *see* Ooyama, M. 92092
Hamada, H. *see* Saito, G. 97333
Hamada, K., Nishida, K., Kato, T., Kawano, K., Hiyama, T., Miyake, A., Sekiguchi, S., Otsu, K., Ebisu, H., Tsuji, H. Final design of a cryogenic system for the ITER CS model coil 93981
Hamada, K. *see* Ikeuchi, H. 71692
Hamada, K. *see* Isono, T. 82466
Hamada, K. *see* Nakajima, H. 72261
Hamada, M. *see* Fujita, I. 86426
Hamada, M. *see* Kajihara, K. 75283
Hamada, M. *see* Shibahara, K. 63017
Hamada, N. *see* Ichiko, O. 83226
Hamada, N. *see* Miyazaki, N. 64406
Hamada, N. *see* Sakurai, M. 84195
Hamada, N. *see* Zhu, J. 61797
Hamada, S., Ito, K., Miyatake, T., Sato, F., Yamazaki, K. 22 nm overlay accuracy of SR stepper using an improved chromatic bifocus alignment system 81589
Hamada, S., Michihira, M., Nakaoka, M. An improved soft-switching PWM full-bridge DC-DC converter with minimized conduction loss penalty 100226
Hamada, S., Nakaoka, M. Analysis and design of a saturable reactor assisted soft-switching full-bridge DC-DC converter 78725
Hamada, S. *see* Masuda, T. 56479
Hamada, S. *see* Yamazaki, T. 94544
Hamada, T., Matsumoto, S. Optimal quantization scheme for orthogonal transform coefficients, allowing for the noise-masking effect due to the local variation of video signal 64785
Hamada, T., Matsumoto, S. NTSC interframe direct coding scheme by composite motion compensation on Hadamard transform 84841
Hamada, T., Matsumoto, S. Development of the multi-channel TV coding system (MUCCS45) 95751
Hamada, T., Tanabe, N., Watanabe, H., Takeuchi, K., Kasai, N., Hada, H., Shibahara, K., Tokashiki, K., Nakajima, K., Hirasawa, S., Ikawa, E., Saeki, T., Kakehashi, E., Ohya, S., Kunio, T. A Split-Level Diagonal Bit-line (SLDB) stacked capacitor cell for 256 Mb DRAMs 61733
Hamada, T. *see* Fan, J. 80039
Hamada, T. *see* Kawada, R. 51560
Hamada, T. *see* Miura, S. 65562
Hamada, T. *see* Watanabe, H. 61719
Hamada, Y., Kawasumi, Y., Iguchi, H., Fujisawa, A., Abe, Y., Takahashi, M. Mesh effect in a parallel-plate analyzer 59041
Hamada, Y. *see* Fujisawa, A. 59040
Hamada, Y. *see* Mizuno, K. 53004
Hamada, Y. *see* Sakata, M. 52845
Hamade, K. *see* Ooishi, T. 70529
Hamaguchi, C., Kobayashi, E., Sonoda, K. Non-equilibrium transport of hot electrons in AlGaAs/GaAs 62282
Hamaguchi, C. *see* Abramo, A. 81195
Hamaguchi, C. *see* Khosru, Q.D.M. 93070
Hamaguchi, C. *see* Kuwamura, N. 70362
Hamaguchi, C. *see* Momose, H. 62295
Hamaguchi, C. *see* Mori, N. 62291
Hamaguchi, C. *see* Yamaji, M. 50028
Hamaguchi, C. *see* Namba, S. *(editor)* 69311
Hamaguchi, J., Yoshida, Y., Yato, F. On system configuration of automatic interpreting telephony 85585
Hamaguchi, K. *see* Hiraishi, H. 80362
Hamaguchi, S., Dalvie, M. Intrinsic and passivation-induced trench tapering during plasma etching 71353
Hamaguchi, S., Dalvie, M. Microprofile simulations for plasma etching with surface passivation 93166
Hamaguchi, S. *see* Arnold, J.C. 55772
Hamaguchi, T., Takeda, T., Sato, T., Katoh, M., Nagata, Y. Contact-type color image sensor using color phototransistors 66472
Hamaguchi, T. *see* Kuroi, T. 93615
Hamahara, M. *see* Arakawa, F. 70667
Hamai, D.M. *see* Kezunovic, M. 78225
Hamai, H. *see* Saitoh, Y. 59075
Hamai, M. *see* Laskar, J. 80694
Hamai, M. *see* Nishimoto, M. 92624
Hamaide, J.P. *see* Langanay, J. 83130
Hamaji, Y. *see* Sakabe, Y. 63079
Hamaji, Y. *see* Toyoda, M. 93726
Hamajima, T. *see* Inoue, K. 82485
Hamajima, T. *see* Wachi, Y. 82435
Hamakawa, E. *see* Hayakawa, Y. 79763
Hamakawa, R., Sakagami, H., Rekimoto, J. Mbuild—multimedia data builder with box and glue 58049
Hamakawa, Y. *see* Horiuchi, T. 68998
Hamakawa, Y. *see* Ma, W. 60454
Hamakawa, Y. *see* Ma, W. 100529
Hamakawa, Y. *see* Okuyama, M. 93725
Hamakawa, Y. *see* Wen Ma 100592
Hamaker, H.C., Bohan, M.J., Buck, P.D., Geller, C.H., Makiyama, T., Mathew, F.P., Neeland, W.S. Techniques for improving overlay on multi-layer phase shift masks 71470
Hamal, K. *see* Kubecek, V. 50776
Hamalainen, M.S. *see* Knuutila, J.E.T. 53390
Hamam, H., de Bougrenet de la Tocnaye, J.L. Fractional Talbot four-level phase-only holograms using ferroelectric liquid-crystal spatial light modulators 94686
Hamam, H., Fracasso, B., de Bougrenet de la Tocnaye, J.-L. Node-based reconfigurable volume interconnections. II. Hologram encoding considerations 82846
Hamamatsu, T. *see* Nakahori, S. 90352
Hamamoto, K., Shina, T., Ito, M. An investigation on practicability of reflection mode diffraction tomography 76930
Hamamoto, N. *see* Miura, R. 75296
Hamamoto, S. *see* Kanno, M. 55835
Hamamoto, T., Sawada, S. Characterization of the cell leakage of a stacked trench capacitor (STT) cell 92639
Hamamoto, T., Yamada, T., Aoki, M., Ishibashi, S., Kawaguchiya, H., Ishibashi, Y., Hashimoto, K., Kanai, H. NAND-structured cell technologies for low cost 256 Mb DRAMs 92209
Hamamoto, T., Yamagata, T., Mihara, M., Murai, Y., Kobayashi, T., Ozaki, H. A flexible search managing circuitry for high-density dynamic CAMs 92219
Hamamoto, Y., Tomita, S. A generalized orthonormal discriminant vector method for pattern recognition 64596
Hamamoto, Y., Uchimura, S., Tomita, S. Comparison of classifiers in small training sample size situations for pattern recognition 51631
Haman, A. *see* Begg, I.M. 58067
Hamanaka, J. *see* Shioyama, T. 51638
Hamanaka, M., Dohmae, S., Fujiwara, K., Shishino, M., Mayumi, S. Via failures due to water emission from SOG 62525
Hamann, B., Jiann-Liang Chen Data point selection for piecewise linear curve approximation 64283
Hamann, N.H., Dittmayer, J., Klett, A., Rossle, E., Tscheulin, M., Urban, H.-J., Wirth, H., Zipse, H., Price, M.J., David, E., Harfield, R., Jones, R., Lacroix, D., Rivoiron, C. The JETSET barrel drift-tube ("straw") chamber 67312
Hamano, H. *see* Oikawa, Y. 52563
Hamano, S. *see* Wada, Y. 89227
Hamano, T. *see* Kato, N. 62833
Hamasaki, K. *see* Hatle, M. 93957
Hamashima, C. *see* Ogura, T. 98798
Hamatake, N. *see* Nomura, M. 49485
Hamazaki, R. *see* Tanoi, S. 92224
Hamazaki, R. *see* Tanoi, S. 92239
Hamazaki, Y. *see* Aoyagi, M. 80281
Hamazaki, Y. *see* Kubo, T. 82360
Hamazaki, Y. *see* Suzuki, M. 97222
Hamazumi, Y., Nagatsu, N., Okamoto, S., Sato, K. Number of wavelengths required for constructing optical path network considering failure restoration 65849
Hamblen, D.G. *see* Fenner, D.B. 66347

Hamblen, W.D. *see* Fenner, D.B. 66347
Hamblin, J. *see* Johnston, D. 96302
Hamblin, M.G., Stachowiak, G.W. Variation of particle shape parameters when viewed as a projection and a section 64830
Hambridge, S., Sedayao, J. Horses and barn doors: evolution of corporate guidelines for Internet usage 96727
Hambrusch, S., Xin He, Miller, R. Parallel algorithms for gray-scale image component labeling on a mesh-connected computer 64838
Hamdan, A.M.A. Application of the concept of the distance to an uncontrollable pair to the placement of controllers in power systems 78013
Hamdan, A.M.A., Hamdan, H.M.A. Application of rank revealing SVD to the selection of supplementary feedback signals for power system stabilizers 68102
Hamdan, A.M.A. *see* Wang, H.O. 53703
Hamdan, H.M.A. *see* Hamdan, A.M.A. 68102
Hamdi, M. *see* Hall, R.W. 96040
Hamdi, M. *see* Le-Huy, H. 60543
Hamdy, E. *see* Chiang, S. 61666
Hamdy, E. *see* Zhang, G. 61624
Hamdy, E. *see* Zhang, G. 81391
Hamdy, M.A. A new model for the current-voltage output characteristics of photovoltaic modules 68997
Hamed, A.E. *see* Mahmoud, S.A. 98655
Hamed, H.G. Current requirements of the switching elements of a 3-phase VSI feeding a 3-phase induction motor 78708
Hamed, H.G. *see* Abdel-Halim, I.A.M. 78620
Hamed, H.G. *see* Abdel-Halim, I.A.M. 78720
Hamed, H.G. *see* Abdel-Halim, I.A.M. 100120
Hamed, M., Esmail, D. Electromagnetic transients in compensated transmission lines 99636
Hamel, A., Chawki, M.J., Guignard, P. Cross-connect network demonstration in a HDWDM. Optical network using two-electrode DFB LDs as tunable sources 52484
Hamel, A., Tholey, V., Chawki, M.J. WDM-SDH networks: An alternative to SDH rings 86395
Hamel, J.S., Selvakumar, C.R. Reply to "A comment on the GTCC stored charge model" 55862
Hamelin, N., Lifante, G., Chandler, P.J., Townsend, P.D., Pityana, S., McCaffery, A.J. Second harmonic generation in ion implanted lithium niobate planar waveguides 73017
Hamer, C.F., Linford, R.S. The imagist's wand 48595
Hamet, J.-F. *see* Langlois, P. 52864
Hamet, J.F. *see* Bernstein, P. 82380
Hamet, J.F. *see* Flament, S. 50422
Hamet, J.F. *see* Langlois, P. 94031
Hamet, J.F. *see* Langlois, P.Y. 56277
Hamet, T. *see* Breuze, G. 75435
Hameyer, K., Hanitsch, R. Numerical optimization of the electromagnetic field by stochastic search and MEC-model 83581
Hamichi, M. *see* Cousins, C.S.G. 59213
Hamid Aghvami, A. *see* Kai-Yiu Tsie 52411
Hamidian, K. *see* Tuazon, J.O. 80544
Hamidoune, Y.O. *see* Delorme, C. 79607
Hamidullin, V.K. The status of ultrasonic flowmeters in Russia 99316
Hamill, D.C. Gyrator-capacitor modeling: a better way of understanding magnetic components 61525
Hamilton, A., Churcher, S., Edwards, P.J., Jackson, G.B., Murray, A.F., Reekie, H.M. Pulse stream VLSI circuits and systems: the EPSILON neural network chipset 49605
Hamilton, A. *see* Murray, A.F. 61837
Hamilton, A. *see* Siminovitch, M. 69209
Hamilton, B. *see* Anderson, D. 87831
Hamilton, B. *see* Ellison, M. 66909
Hamilton, B. *see* Li, D. 98409
Hamilton, B. *see* Liu, J.Y. 98399
Hamilton, B. *see* Syphers, M.J. 66966
Hamilton, B. *see* Wang, Y. 66910
Hamilton, B.J., Ball, M.S., Ellison, T.J.P. Betatron "Ping" tune measurement system for the IUCF cooler synchrotron/storage ring 76469
Hamilton, B.J. *see* Ball, M. 76483
Hamilton, B.J. *see* Ball, M.S. 98452
Hamilton, B.J. *see* Ellison, T.J.P. 87877
Hamilton, C.A., Burroughs, C.J. The performance and reliability of NIST 10-V Josephson arrays 86847
Hamilton, C.A., Burroughs, C.J., Kautz, R.L. Josephson D/A converter with fundamental accuracy [voltage standard] 82361
Hamilton, C.E., Beach, R.J., Sutton, S.B., Furu, L.H., Krupke, W.F. 1-W average power levels and tunability from a diode-pumped 2.94-μm Er:YAG oscillator 94433
Hamilton, D.B. *see* Rogers, S.P. 67693
Hamilton, G. *see* Mehta, A. 54509
Hamilton, J., Stoneback, D. How digital carriers affect analog plant: A look at distortion products 66055
Hamilton, K.M. Motor protection reporting and motor protection control systems 68535
Hamilton, M.W., Sinclair, G.N. Artificial spectral broadening of lasers with random telegraph noise 72710
Hamilton, R. *see* Bennett, J. 99328
Hamilton, R.L., Jr. *see* Galanopoulos, A.S. 58288
Hamilton, W. The digital delights of SS7 and TMN 96467
Hamilton, W.J., Rhiger, D.R., Sen, S., Kalisher, M.H., James, K., Reid, C.P., Gerrish, V., Baccash, C.O. Very high resolution detection of gamma radiation at room-temperature using p-i-n detectors of CdZnTe and HgCdTe 88060
Hamilton, W.J., Rhiger, D.R., Sen, S., Kalisher, M.H., James, K., Ried, C.P., Gerrish, V., Baccash, C.O. Very high resolution detection of gamma radiation at room-temperature using p-i-n detectors of CdZnTe and HgCdTe 98576
Hamilton, W.J. *see* de Lyon, T.J. 61258
Hamisch, Y. *see* Forchel, A. 55637
Hamiter, L., Holladay, A.M., Ewell, G. Impact of halogenated fluids on aluminium electrolytic capacitors 80933
Hamlyn, M.G. *see* Bratt, M.J. 100972
Hamlyn, M.G. *see* Evans, N.G. 100949
Hamm, Ch. *see* Papureanu, S. 67223
Hamm, P., Wiemann, S., Zurek, M., Zinth, W. Highly sensitive multichannel spectrometer for subpicosecond spectroscopy in the midinfrared 98006
Hamm, P.L. *see* Lukowski, T.I. 77244
Hamm, R. *see* Belenky, G.L. 92545
Hamm, R.A., Ritter, D., Temkin, H. Compact metalorganic molecular-beam epitaxy growth system 91439
Hamm, R.A. *see* Belenky, G.L. 62694
Hamm, R.A. *see* Chandrasekhar, S. 58424
Hamm, R.A. *see* Chandrasekhar, S. 97292
Hamm, R.A. *see* Feygenson, A. 61914
Hamm, R.A. *see* Harriott, L.R. 91455
Hamm, R.A. *see* Kirtania, A.K. 55927
Hamm, R.A. *see* Lunardi, L. 86322
Hamm, R.A. *see* Martin, S. 55411
Hamm, R.A. *see* Montgomery, R.K. 61948
Hamm, R.A. *see* Reygenson, A. 93345
Hamm, R.A. *see* Ritter, D. 55913
Hamm, R.N. *see* Hunter, S.R. 53340
Hammack, H. *see* Baumbaugh, B. 59149
Hammad, A.A. *see* Jonckheere, E.A. 83889
Hammad, A.E. *see* To, K.W.V. 78061
Hammad, D. *see* Flottes, M.L. 49359
Hammad, M., Aburas, R., Abuzahra, B. The potential of hydropower generation in Jordan. Micro-hydropower analysis 78275
Hammar, M. *see* LeGoues, F.K. 70144
Hammarstrom, R. *see* Allport, P.P. 76752
Hammartstrom, R. *see* Anderson, B.E. 88246
Hamme, H.Van *see* Van Hamme, H.
Hammel, S.E. *see* Ferkinhoff, D.J. 99399
Hammel, S.E. *see* Graham, M.L. 75666
Hammel, S.M. *see* Hammer, P.W. 80171
Hammer, D.A. *see* Glidden, S.C. 81602
Hammer, E.A. *see* Isaksen, O. 98355
Hammer, G.M. *see* Kuhn, M.J. 88428
Hammer, J.W., Petkau, K., Griegel, T., Langhoff, H., Mantel, M. New possible laser media in the UV and XUV in high current heavy ion beam induced plasmas 82911
Hammer, L. *see* Harder, C. 49824
Hammer, P. *see* Thiele, J.-U. 81205
Hammer, P.W., Platt, N., Hammel, S.M., Heagy, J.F., Lee, B.D. Experimental observation of on-off intermittency 80171
Hammer, T. Investigation of XeCl vibrational and quenching kinetics: numerical simulation of gain and laser spectra in discharge-pumped oscillators 63659
Hammerl, E. *see* Gossner, H. 62593
Hammerl, E. *see* Hansch, W. 61239
Hammerschmidt, R. *see* Altenhofen, M. 65450
Hammersley, A.P., Svensson, S.O., Thompson, A. Calibration and correction of spatial distortions in 2D detector systems 67360
Hammerstad, E., Asheim, S., Nilsen, K., Bodholt, H. Advances in multibeam echo sounder technology 77340
Hammerstrom, D. *see* Mueller, D. 61854
Hammiche, A., Webb, R.P., Wilson, I.H. Scanning tunneling microscopy observation of the growth evolution of gold films evaporated on highly oriented pyrolitic graphite 70100
Hammock, R. *see* Lock, J.S. 67366
Hammond, G. *see* Banerjee, A. 100523
Hammond, G. *see* Glatfelter, T. 100731
Hammond, J.K. *see* Moss, J.C. 64554
Hammond, R. Advances in single point-tape automated bonding 62020
Hammond, R.H. *see* Benerofe, S.J. 54968
Hammons, A.R., Jr., Kumar, P.V., Calderbank, A.R., Sloane, N.J.A., Sole, P. The Z_4-linearity of Kerdock, Preparata, Goethals, and related codes 73694
Hammons, B.E. *see* Ashby, C.I.H. 49905
Hammons, B.E. *see* Fritz, I.J. 63544
Hammons, B.E. *see* Howard, A.J. 91487
Hammons, B.E. *see* Zavadil, K.R. 93201
Hammons, T.J., Bremner, J.J. Stressing of turbine-generator-exciter shafts by variable-frequency currents superimposed on DC currents in asynchronous HVDC links and following disturbances at converter stations 89209
Hammons, T.J., Bremner, J.J. Torsional stressing of turbine-generator-exciter shafts by variable frequency currents superimposed on the DC current in asynchronous links and following disturbances at HVDC converter stations 99656
Hammons, T.J., Lai, S.C. Voltage dips due to direct connection of induction generators in low head hydro electric schemes 89734
Hammons, T.J., Lai, S.C. Voltage dips due to direct connection of induction generators in low head hydro electric schemes 99686
Hammoud, A.N. *see* Ray, B. 99110
Hammoudeh, A., Al-Nuaimi, M. Scattering cross-section characterisation of vegetation media at microwave frequencies 57121
Hammoudeh, A.M. *see* Al-Nuaimi, M.O. 51098
Hamner, V., Yip, C.-W., Dessy, R.E. E-mail as a tool for sharing binary files among scientists 65224
Hamnerius, Y. *see* Hasselgren, L. 78762
Hamon, L. *see* Bayart, D. 56709
Hamon, L. *see* Bayart, D. 82967
Hamon, L. *see* Bayart, D. 86399
Hamon, L. *see* Clesca, B. 52588
Hamon, L. *see* Clesca, B. 52596
Hamon, L. *see* Clesca, B. 58400
Hamon, L. *see* Clesca, B. 72785
Hampden-Smith, M.J. *see* Roger, C. 70156
Hampele, M. *see* Munch, K.-H. 76851
Hampp, N. *see* Silber, A. 58863
Hampp, N. *see* Thoma, R. 83388
Hampp, N. *see* Zeisel, D. 94592
Hampshire, A.R. *see* Brown, B.H. 67551
Hampshire, J.B., II, Vijaya Kumar, B.V.K. Differential learning leads to efficient neural network classifiers 74510
Hampton, B.F. Diagnostics for gas insulated substations 60390
Hampton, B.F. *see* Sellars, A.G. 54115
Hampton, R.N. *see* Haydock, L. 89265
Hams, B.H.M. *see* Lausen, H. 86024
Hamza, A.-S.H., Abdel-Gawad, N.M.K. Digital computer studies of the surge response of a transmission line tower 78135
Hamza, A.-S.H.A. Transmission line tower representation and its effect on the tower surge response calculation 78136
Hamza, A.M. *see* St.-Maurice, J.-P. 59543
Hamza, A.V., Balooch, M., Moalem, M. Growth of silicon carbide films via C_{60} precursors 79868
Hamza, R., Buckley, K. Resolution enhanced ESPRIT 51458
Hamza, R., Buckley, K. Multiple cluster beam-space and resolution-enhanced ESPRIT 74158
Hamza, R., Buckley, K. Second-order statistical analysis of totally weighted subspace fitting methods 84373
Hamza, R., Buckley, K. Sensitivity analysis under model perturbation for weighted eigenspace methods 84454
Hamzaoui, L. *see* Rigaud, B. 67552
Han, B.S. *see* Yan, L.G. 90456
Han, B.Y. *see* Malengreau, F. 49011
Han, C.W. *see* Kostuk, R.K. 82749
Han, D. Tropical Rainfall Measuring Mission Science Data and Information System 67830
Han, D., Bien, Z., You, B.J. A theory of generalized incremental circle transform and its application for recognition of two-dimensional objects 84597
Han, D. *see* Satake, M. 77368
Han, D.H. *see* Yoon, J.Y. 70485
Han, G.-J., Jung, J.-D. Is multimedia ready for primetime? Stumbling blocks to multimedia diffusion 96385
Han, G.C. *see* Chen, J.L. 79510
Han, G.Q. Asymptotic error expansion for the Nystrom method for nonlinear Fredholm integral equations of the second kind 79734
Han, H., Holehouse, N., Forbes, D.V., Coleman, J.J. Monolithic serial InGaAs-GaAs-AlGaAs laser diode arrays 83158
Han, H. *see* Dizon, R. 55783
Han, H.M. *see* Chen, J.L. 79510
Han, H.S. *see* Koo, Y.M. 76665
Han, I.-S. Modular neural network hardware implementation of analog-digital mixed operation 61840
Han, I.K. *see* Her, J. 61373
Han, I.K. *see* Kim, C.H. 55666
Han, J., He, L., Grillo, D.C., Clark, S.M., Gunshor, R.L., Jeon, H., Salokatve, A., Nurmikko, A.V., Hua, G.C., Otsuka, N. Molecular beam epitaxy growth of pseudomorphic II-VI multilayered structures for blue/green laser diodes and light-emitting diodes 54884
Han, J. *see* Ding, J. 72870
Han, J. *see* Ding, J. 94457
Han, J. *see* He, L. 91516
Han, J. *see* Hua, G.C. 83103
Han, J. *see* Salokatve, A. 72873
Han, J.H., Kim, M.J., Poston, T. Computation of fixed surface features 64698
Han, J.H., Koczy, L.T., Poston, T. Fuzzy Hough transform 51682
Han, J.H., Koczy, L.T., Poston, T. Fuzzy Hough transform 64857
Han, J.H. *see* Yoon, D.M. 64575
Han, J.W. *see* Choi, J.B. 55611
Han, K. *see* Baldwin, G. 100700
Han, L., Voloshin, A., Yalcintas, M., Coulter, J. Electrorheological adaptive structures with embedded sensing and control 87264
Han, L. *see* Jiang, X.-H. 70856
Han, L.C. *see* Efron, A.J. 74018

Han, L.K., Yoon, G.W., Kwong, D.L., Mathews, V.K., Fazan, P.C. Effects of post-deposition annealing on the electrical properties and reliability of ultrathin chemical vapor deposited Ta_2O_5 films 80319
Han, L.K. *see* Bhat, M. 93167
Han, L.K. *see* Yoon, G.W. 71836
Han, L.K. *see* Yoon, G.W. 80318
Han, M.X., Xu, Z.H., Yu, Y.Y. Electric load forecasting using structure variable neural networks 99617
Han, S. *see* Li, J.D. 93908
Han, S. *see* Tesarek, R.J. 98504
Han, S.G. *see* Chu, H.Y. 71585
Han, S.S., Ceiler, M., Bidstrup, S.A., Kohl, P., May, G. Modeling the properties of PECVD silicon dioxide films using optimized back-propagation neural networks 61277
Han, S.S., Ceiler, M., Bidstrup, S.A., Kohl, P., May, G. Modeling the properties of PECVD silicon dioxide films using neural networks 61343
Han, S.W. *see* Ahn, C.B. 98845
Han, S.W. *see* Bai, J.Z. 53324
Han, S.W. *see* Woo, S.Y. 76254
Han, S.Y., Choi, S.J., Kim, W.S., Kim, K.W., Ra, K.H., Cho, D.L., Kim, C.K. A study on the image formation method for synthetic aperture radar 97421
Han, S.Y. *see* Ko, Y.M. 70859
Han, W. *see* Kang, S. 85994
Han, W.S. *see* Kim, K.H. 71459
Han, Y. *see* Bai, J.Z. 53324
Han, Y. *see* Zhou, Q.F. 56290
Han, Z., Freltoft, T. The mechanical deformation process for preparing Ag-sheathed BiSrCaCuO superconducting tapes 63274
Han, Z. *see* Sun, D. 61227
Han, Z.E. *see* Zhang, H.X. 53225
Han, Z.Q. Remarks on the angle property and solid cones 69768
Han, Z.Y., Yoon, S.F., Radhakrishnan, K. Electrical characteristics of GaAs-$Al_{0.33}Ga_{0.67}As$ tunnelling structures grown by molecular beam epitaxy 71099
Han, Z.Y., Yoon, S.F., Radhakrishnan, K. Sequential tunneling in GaAs/AlGaAs multiquantum well structures grown by molecular beam epitaxy 81303
Han Anrong *see* Man Yongkui 100808
Han Baik Hyung *see* Choong Won Kim 93451
Han Bo, Shao Ji-Qun, Guo Bao-Qi A widely convergent method for determining the distributed parameters of an elliptical equation 54778
Han Caiyuan *see* Xiao Xudong 50974
Han Caiyuan *see* Zhou Huaichun 53919
Han Caiyuan *see* Zhou Huaichun 53920
Han Chimoon *see* Chimoon Han
Han Chin-Chuan *see* Chin-Chuan Han
Han Choi Soo *see* Soo Han Choi
Han Chul-Hi *see* Chul-Hi Han
Han Dehua *see* Dehua Han
Han Dong-Seog *see* Dong-Seog Han
Han Gon Kim *see* Ki Sig Kang 68387
Han Guo-Qiang *see* Zhang Li-Qing 48856
Han Guoqiang, Zhang Liqing Asymptotic expansion for the trapezoidal Nystrom method of linear Volterra-Fredholm equations 91391
Han Gyoo Kim, Pyung Jae Kim, Yung Kwon Kim A study on the performance of multiple trellis code differential MPSK over Rician and Rayleigh fading channels 97128
Han Ha Sung *see* Sung Han Ha
Han Hongtao *see* Hongtao Han
Han Jae Choong *see* Jae Choong Han
Han Jiaxiang, Li Cheng, Xu Zizong, Chen Hongfang Time characteristics of a self quenching streamer in the coexistence region 98648
Han Jin Man *see* Jin Man Han
Han Jin Miao *see* Hofmann, M. 68318
Han Jinqin *see* Liu Yonglian 88195
Han Jong Seok *see* Jong Seok Han
Han Joon Hee *see* Joon Hee Han
Han Jun Kim *see* Rae Duk Lee 86951
Han Kee Tae *see* Kee Tae Han
Han Ki-Jun *see* Ki-Jun Han
Han Kijun *see* Kijun Han
Han Kim Young *see* Young Han Kim
Han Kui *see* Kui Han
Han Kyongho *see* Kyongho Han
Han Li *see* Li Han
Han Liang *see* Hong Wei 61133
Han Lin *see* Lin Han
Han Min-Koo *see* Min-Koo Han
Han Ngee Tan *see* Chong, M.M.S. 51553
Han Ooi Lim, Wei Zhang, Liang Mong Koh Focus estimation for IC wire-bond height measurement 71002
Han Rongdian *see* Rongdian Han
Han Sang-Yong *see* Sang-Yong Han
Han Seog Tae *see* Seog Tae Han
Han Seog-Tae *see* Seog-Tae Han
Han Seok Bung *see* Seok Bung Han
Han Seok-Hee *see* Seok-Hee Han
Han Seung-Hee *see* Seung-Hee Han
Han Shen-Sheng *see* Xu Zhi-Zhan 82890
Han Shiwen *see* Mao Huishun 98593
Han Shu Study of a reversible ternary logic cellular array 61631
Han shui *see* Shen Shande 99515
Han Shuling, Lu Kunsheng A new means of "TX-to-RX" control in mobile radio-to-telephone interconnect 86229
Han Siyuan *see* Siyuan Han
Han Sung Wook *see* Sung Wook Han
Han Tack-Don *see* Tack-Don Han
Han Te Sun *see* Te Sun Han
Han Tianmin, Chen Huimin Studies for several problems arising from digital simulation of power system transient stability 77869
Han Tianmin *see* Tianmin Han
Han Woo-Sung *see* Woo-Sung Han
Han Woosung *see* Woosung Han
Han Xiangchun *see* Xiangchun Han
Han Xisheng *see* Xisheng Han
Han Xueshan, Chen Xiaohu, Liu Zuo Dynamic economic dispatch based on fuzzy decision and including thermal generating units auxiliary control 77981
Han Xueshan, Liu Zuo Short-term thermal unit commitment including reliability and dynamic economic dispatch 89582
Han Yingduo, Min Kong, He Xuenong, Hu Lin, Zhou Jinming A new concept and algorithm for dynamic frequency in power systems 53600
Han Yingduo *see* Min Yong 89111
Han Yingduo *see* Mu Gang 53997
Han Yiping *see* Yiping Han
Han Young Yearl *see* Young Yearl Han
Han Zhen, Shen Long-Jun, Fu Hong-Yuan A class of economical difference methods for quasi-linear parabolic systems 79715
Han Zhenxiang, Wu Xiaomiao Fuzzy set theory applications in power systems. I 99443
Han Zhenxiang, Wu Xiaomiao Fuzzy set theory applications in power systems. II 99536
Han Zhenxiang *see* Wen Fushuan 77822
Han Zhenxiang *see* Zhenxiang Han
Han Zhi *see* Liu Zhongahan 81978
Han Zhi *see* Zhi Han
Han Zhong Chi *see* Chi Han Zhong
Han Zhuen *see* Zhang Huixing 98492
Han-Bin Lin, Rei-Shin Cheng, Way-Seen Wang Wide-angle low-loss single-mode symmetric Y-junctions 82674
Han-Ching Kuo *see* Yuan-Yih Hsu 68062
Han-Chung Wang *see* Hall, S.A. 94120
Han-Min Shi *see* Shi Han-Min
Han-Sheng Lee, Wang, S.S., Smolenski, D.J., Viola, M.B., Klusendorf, E.E. In situ monitoring of high-temperature degraded engine oil condition with microsensors 66263
Han-Suck Yim *see* Joong-Rin Shin 99527
Han-Yang Chen, I-Tai Lu Localization of a broadband source using a matched-mode procedure in the time-frequency domain 59579
Hanabusa, M., Komatsu, A. Photoinduced modification of the catalytic reaction of titanium oxide and palladium in chemical vapor deposition of Al films 79957
Hanabusa, M. *see* Wakiwaka, H. 58443
Hanabusa, T. *see* Tominaga, K. 93684
Hanada, H. *see* Masuda, K. 67337
Hanada, M. *see* Ohara, Y. 53179
Hanado, H., Nakamura, K., Ohsaki, Y., Horie, H., Satake, M. A Ku-band dual-polarization radar with simultaneous reception 77386
Hanado, Y., Imae, M., Sekido, M. A new millisecond pulsar observation system at CRL 86643
Hanafi, H. *see* Foty, D. 62680
Hanafi, H. *see* Sadana, D.K. 62845
Hanafusa, A. *see* Higuchi, H. 100494
Hanafusa, H. *see* Horiguchi, M. 63748
Hanafusa, H. *see* Noguchi, S. 71629
Hanafusa, H. *see* Yamada, H. 50500
Hanafusa, T. *see* Amemiya, N. 99712
Hanagama, Y. *see* Nakamura, T. 82048
Hanagata, T. *see* Ishigami, T. 52945
Hanai, E. *see* Oyama, M. 68912
Hanai, H. *see* Okuno, S. 98559
Hanai, H. *see* Saitoh, Y. 88124
Hanai, H. *see* Saitoh, Y. 98580
Hanai, S. *see* Inoue, K. 82501
Hanai, S. *see* Inoue, K. 94026
Hanai, T., Hibino, M., Maruse, S. Effect of the three-fold astigmatism on the performance of the foil lens used for correction of the spherical aberration of a probe-forming lens 81166
Hanaizumi, N., Fujimur, S. An automated method for registration of satellite remote sensing images 77637
Hanaizumi, O., Aizawa, Y., Minamide, H., Kawakami, S. Fabrication of an expanded core fiber having MFD of 40 μm preserving outer diameter 82545
Hanaizumi, O. *see* Kawakami, S. 72350
Hanak, J., Chovanec, V., Levarsky, J. AC power standard 66110
Hanakawa, K. *see* Nishihara, S. 53102
Hanaki, H. *see* Enomoto, A. 67005
Hanaki, H. *see* Ono, M. 66820
Hanamoto, T. *see* Xu, Z. 90131
Hanamura, M., Kobayashi, T., Yoshida, K., Serizawa, Y. Mechanical characteristics related to fault currents in bundle conductors 54127
Hanamura, T., Sekiguchi, S.-i., Kameyama, W., Tominaga, H. Hierarchical video coding scheme with scalability and compatibility 95725
Hananoki, R. *see* Okamoto, K. 70013
Hanany, S. *see* Shaw, P.S. 81130
Hanaoka, R., Ishibashi, R., Usui, Y., Inagaki, D. Effect of electrode ice layer on prebreakdown current in liquid nitrogen 82124
Hanaoka, T. *see* Yang, Y. 90692
Hanaoka, Y. *see* Koshiishi, H. 97507
Hanaoka, Y. *see* Nakajima, H. 58528
Hanatani, S. *see* Kanetake, T. 50940
Hanatani, S. *see* Takai, A. 52558
Hanauer, J. *see* Zhang, J. 84986
Hanawa, F. *see* Hibino, Y. 50549
Hanawa, H. *see* Isono, T. 82466
Hanawa, H. *see* Nakajima, H. 72261
Hanawa, H. *see* Takahashi, Y. 72219
Hanawa, M., Hasegawa, T. On the constrained transition vector quantization method for noisy channel speech coding 73893
Hanawa, S. *see* Wachi, Y. 82435
Hanawa, T. *see* Murayama, Y. 52349
Hanayama, E., Araki, S., Takano, T. Measurement of a mesh reflecting surface for large deployable antennas 83834
Hanazaki, K. *see* Iwai, H. 78528
Hanazawa, M. *see* Chiba, A. 68561
Hanazawa, T. *see* Shikano, K. 64393
Hanberg, J. *see* Albrektsen, O. 56816
Hance, W.B., Jaeger, P.A., Ning-Cheng Lee Soldering on toward cleaner boards 92791
Hanchang Hou *see* Hou Hanchang
Hanchang Zhou *see* Zhou Hanchang
Hanchen Qian *see* Qian Hanchen
Hancheng Sun *see* Sun Hancheng
Hancke, G., Vrey, D. Electric load monitoring and control in the domestic environment 99587
Hancke, G.P., Swarts, L. Load analysis of medium voltage ozone generator using digital storage techniques 100350
Hanckmann, J. Telescript: the emerging standard for intelligent messaging 74789
Hancock, E. *see* Wing Hung Lau 96114
Hancock, E.R. *see* Leite, J.A.F. 84875
Hancock, E.R. *see* Sharp, N.G. 96072
Hancock, E.R. *see* Wilson, R. 84877
Hancock, G.C. *see* Chen, G.P. 99548
Hancock, J. *see* Sharps, P.R. 100668
Hancock, J. *see* Venkatasubramanian, R. 100688
Hancock, L.R. O&M cost containment by effective configuration management 89069
Hancock, N.H. Measurement science-presentation as an "advanced" academic discipline 69403
Hancock, S. *see* Cappi, R. 87885
Hancock, W. *see* Johnson, M. 76135
Hancock, W.R., Johnson, M.J., Rogers, J.C., Ghrayeb, J. Meeting the graphical needs of the electronic battlefield 77170
Hancock, W.R. *see* Thomsen, S.V. 77148
Hancq, J., Hu Gui-Ming Adaptive filtering of biological signals 64572
Hand, D.P., Carolan, T.A., Barton, J.S., Jones, J.D.C. Profile measurement of optically rough surfaces by fibre optic interferometry 87516
Hand, D.P., Hodgson, P., Carolan, T.A., Quan, K.M., Mackenzie, H.A., Jones, J.D.C. Detection of photoacoustic waves in liquids by fibre optic interferometry 87224
Hand, J.W., Ebbini, E., O'Keeffe, D., Israel, D., Mohammadtaghi, S. An ultrasound linear array for use in intracavitary applicators for thermotherapy of prostatic diseases 98939
Handa, K. MSS terminal technology trade-off for land mobile application 86242
Handa, K. *see* Homma, Y. 59103
Handa, N. *see* Tamba, N. 92241
Handegard, T. The TINA Consortium 85824
Handel, P., Tichavsky, P. Adaptive estimation for periodic signal enhancement and tracking 95484
Handel, P. *see* Tichavsky, P. 84282
Handel, R. Network concepts and Siemens products for ATM-based public networks 52277
Handel, R. Evolution of networks with ATM 65153
Handel, R. Market requirements on interworking with ATM networks 65373
Handel, V. *see* Scheich, R. 60354
Handerek, J., Ujma, Z., Dmytrow, D., Carabatos-Nedelec, C., El-Harrad, I. The influence of La content in PLZT-x/95/5 ceramics (x=0.5 to 4%) on the dielectric, pyroelectric, thermally stimulated current and Raman scattering measurements and model interpretation 56125
Handerek, V. *see* Rogers, A. 52890
Handerek, V.A. *see* Cokgor, I. 50506
Handerek, V.A. *see* Kanellopoulos, S.E. 66390
Handerek, V.A. *see* Kanellopoulos, S.E. 98033
Handley, J.C., Dougherty, E.R. Model-based optimal restoration of fax images in the context of mathematical morphology 64799
Handley, J.C., Dougherty, E.R. Optimal nonlinear fax restoration 96571
Handley, J.C. *see* Dougherty, E.R. 64629
Handley, J.W. *see* Jaenisch, H.M. 94843
Handley, M.J., Kirstein, P.T., Sasse, M.A. Multimedia integrated conferencing for European Researchers: Experiences from the MICE project 52238
Handley, M.J. *see* Sasse, M.-A. 52239
Handley, S. On the use of a directed acyclic graph to represent a population of computer programs 91318
Handlogten, G.H. *see* Borkenhagen, J.M. 92257
Handong Sun *see* Sun Handong

Hands, P. Test solutions for VHDL problems 92139
Handschin, E. The technical programme for PSCC'93 54337
Handschin, E. Centralised and decentralised railway power supply—a comparison 60579
Handschin, E., Hoffmann, W., Reyer, F., Stephanblome, T., Schlucking, U., Westermann, D., Ahmed, S.S. A new method of excitation control based on fuzzy set theory 59788
Handschin, E., Knight, G., Logeay, Y. Organizational impact and experience with a dispatch training simulator 78011
Handschy, M.A. *see* Cotter, L.K. 82737
Handschy, M.A. *see* Shimabukuro, R.L. 63493
Handstein, A., Eckert, D., Muller, K.-H., Wall, B., Rodewald, W. Jumps of magnetic polarization in Sm_2Co_{17}-based magnets 72182
Handstein, A., Wendhausen, P.A.P., Muller, K.-H., Gebel, B., Pitschke, W., Eckert, D., Mayerhofer, O., Kirchmayr, H.R. Influence of hot isostatic pressing on the magnetic properties of melt-spun $Sm_2Fe_{17}N_x$ magnets 50199
Handstein, A. *see* Bo-Ping Hu 72019
Handstein, A. *see* Hermann, R. 72185
Handstein, A. *see* Wendhausen, P.A.P. 50200
Handstein, A. *see* Wendhausen, P.A.P. 72184
Handstein, N. *see* Muller, K.-H. 72181
Hane, K. *see* Torii, A. 55026
Hane, K. *see* Torii, A. 87557
Hane, M., Hasegawa, S. Dynamic-clustering and grain-growth kinetics effects on dopant diffusion in polysilicon [ULSI] 49847
Hane, T., Ueda, H., Kida, T., Tsuchida, M., Suzuki, T., Fukuda, M. Performance tester for ATM networks 85979
Haneda, H. *see* Hishita, S. 71300
Haneda, M. Optical modules permit interactive communication, serve in multimedia systems 52472
Haneda, M. *see* Hatta, Y. 75442
Haneda, Y., Makino, S., Kaneda, Y. Common acoustical pole and zero modeling of room transfer functions 51469
Haneishi, H., Ogura, T., Miyake, Y. Profilometry of a gastrointestinal surface by an endoscope with laser beam projection 59266
Haneishi, M. *see* Kuwahara, Y. 73549
Haneishi, M. *see* Miyajima, T. 86110
Haneishi, M. *see* Shibata, O. 83858
Haneishi, M. *see* Yamazaki, M. 95041
Haneji, N. *see* Yoshitomi, S. 71216
Hanek, H., Ansari, N., Zhang, Z.Z. Comparative study of the generalized adaptive neural filter with other nonlinear filters 70750
Hanekamp, L.J. *see* Lohner, T. 49857
Hanel, B. *see* Gerhard-Multhaupt, R. 63950
Haneman, D. *see* Chernyak, L. 71733
Haneman, D. *see* Jafar, M. 62649
Haneman, D. *see* Jafar, M. 93309
Haner, M. *see* Martin, S. 55411
Haner, M. *see* Reygenson, A. 93345
Hanes, M.D., Ahalt, S.C., Krishnamurthy, A.K. Acoustic-to-phonetic mapping using recurrent neural networks 73800
Haney, E.M. *see* Kasischke, E.S. 77720
Haney, L.N. *see* Ryan, T.G. 54618
Haney, M. *see* Brandys, T. 76837
Haney, S.J. *see* Tichenor, D.A. 81591
Haneyoshi, T. *see* Maeda, A. 68881
Haneyoshi, T. *see* Miyashita, O. 61533
Haneyoshi, T. *see* Nishida, Y. 100320
Hanf, M.C. *see* Anderson, G.W. 71342
Hanft, R. *see* Jaffery, T.S. 76656
Hanft, R. *see* Wake, M. 87685
Hang, C. *see* Crowley, J.D. 55390
Hang Geun Jeong Effects of isolation oxide structure on base-collector capacitance 71608
Hang Hu, Jacobs, J.B., Chung, J.E., Antoniadis, D.A. The correlation between gate current and substrate current in 0.1 μm NMOSFET's 93388
Hang Hu, Su, L.T., Yang, I.Y., Antoniadis, D.A., Smith, H.I. Channel and source/drain engineering in high-performance sub-0.1 μm NMOSFETs using X-ray lithography 71821
Hang Hu *see* Su, L.T. 55993
Hang Hu *see* Su, L.T. 81910
Hang Hu *see* Su, L.T. 93443
Hang Jin, Vahldieck, R., Jifu Huang Direct derivation of the TLM symmetrical condensed node from Maxwell's equations using centered differencing and averaging 83456
Hang Jin *see* Jifu Huang 83741
Hang Jin *see* Jifu Huang 94918
Hang Lee El *see* El Hang Lee
Hang Liu, Jianquan Yao, Puri, A. Second and third harmonic generation in BBO by femtosecond Ti:sapphire laser pulses 63924
Hang Seop Lee, Minsoo Hahn Development of a real-time endpoint detection algorithm 73921
Hang Zhang *see* Zhang Hang
Hang Zheng Zhi *see* Zheng Zhi Hang
Hang-Bong Kang, Walker, E.L. Characterizing and controlling approximation in hierarchical perceptual grouping 84910
Hang-Zhong Chi *see* Chi Hang-Zhong
Hangarter, K. *see* Adam, A. 88087
Hangarter, K. *see* Adriani, O. 88023
Hangartner, K. *see* Adam, A. 88102
Hangartner, T.N. A variable-resolution rotate-only computed tomography scanner 98864
Hangasjarvi, M. *see* Kozlov, V.B. 78273
Hanggi, A. *see* Zerbe, C. 61592
Hangleiter, A. *see* Frankowsky, G. 54925
Hangleiter, A. *see* Harle, V. 55624
Hanhua Zhang *see* Bihong Guo 100410
Hanhwe Kim *see* Lewis, M. 98215
Hanias, M.P., Kalomiros, J.A., Karakotsou, C., Anagnostopoulos, A.N., Spyridelis, J. Quasiperiodic and chaotic self-excited voltage oscillations in $TlInTe_2$ 71139
Haniff, T.M., Hu, A., Green, E.D.H. Self-aligning spatial filter 72554
Haniger, L. *see* Kocandrle, L. 89474
Hanik, N. Effect of chromatic dispersion and nonlinear refractive index on the performance of single channel transmission systems using ASK-, PSK- or CPFSK-modulation 52497
Hanik, N. Performance degradation of wavelength-division-multiplexed optical transmission systems due to fiber-nonlinearities 82567
Hanin, Y. *see* Juravel, Y. 94274
Hanique, E. A transfer function is a reliable tool for comparison of full- and chopped lightning impulse tests 78691
Hanisch, B. *see* Hubler, E. 99738
Hanisco, T.F. *see* Wennberg, P.O. 67814
Hanitsch, R. Micromotors and microactuators: technologies and characteristics 100185
Hanitsch, R. *see* Hameyer, K. 83581
Hanjun Li *see* Weisheng Jiang 53209
Hankare, P.P. *see* Deshmukh, L.P. 78779
Hankare, P.P. *see* Deshmukh, L.P. 90347
Hanke, C. *see* Alvarez, J. 70328
Hanke, C. *see* Karstensen, H. 97362
Hanke, G. Experimental synchronous 10 Gbit/s transmission system for optical fibers 86509
Hanke, G. 20 Gbit/s experimental transmitter and receiver for fiber communication systems 97273
Hanke, G. *see* Briggmann, D. 86500
Hanke, I. *see* Apel, M. 81415
Hanke, I. *see* Zozime, A. 81183
Hanke, M., Engl, H.W. An optimal stopping rule for the ν-method for solving ill-posed problems, using Christoffel functions 79667
Hanke, R., Melcher, J., Muciek, A., Koster, R. Precision automated capacitance bridges for the low frequency range at the PTB 86950
Hanke, R. *see* Bachmair, H. 86827
Hanke, U., Galperin, Yu.M., Chao, K.A. Finite-frequency shot noise in a single-electron transistor 81996
Hanke, U., Galperin, Yu.M., Chao, K.A. Charge sensitivity of a single electron transistor 82004
Hanke, U., Gisselfalt, M., Galperin, Yu., Jonson, M., Shekhter, R.I., Chao, K.A. Parity-controlled Coulomb-blockade effects identified by shot noise 82370
Hankey, J., Howard, M.A., Foster, G., Long, A.P. A broadband low noise optical receiver 52606
Hanko, L. *see* Turner, M.D. 50935
Hanks, J., Chen, D. Joint time-frequency analysis techniques 74130
Hanlon, J.L. *see* Ferguson, B.G. 77101
Hanlon, P.D. *see* Maybeck, P.S. 77180
Hanmin Zhao *see* Siala, S. 72848
Hann, R.A. Electroluminescence of organic thin films leading to light emitting molecular devices 56570
Hanna, B. *see* Dinkel, J. 67192
Hanna, B. *see* Saritepe, S. 66946
Hanna, D., Holm, U. The optical delay line and pipeline: concept and applications 88243
Hanna, D. *see* Auge, J. 50759
Hanna, D.C. *see* Lauder, R.D.T. 72782
Hanna, D.C. *see* Pask, H.M. 56731
Hanna, D.C. *see* Percival, R.M. 83013
Hanna, D.C. *see* Shepherd, D.P. 63752
Hanna, D.C. *see* Tropper, A.C. 56699
Hanna, D.C. *see* Webjorn, J. 56921
Hanna, G.L. *see* Thibault, C. 99854
Hanna, J. *see* Lee, Y.P. 95491
Hanna, J. *see* Lee, Y.P. 97446
Hanna, J. *see* Yamamoto, M. 61399
Hanna, M.A., Chikhani, A.Y., Salama, M.M.A. Effect of geometry between cables on the heat dissipation from underground cable systems 99699
Hanna, M.T. Windows with rapidly decaying sidelobes and steerable sidelobe dips 74193
Hanna, R.A., Luscombe, J. Survey of users' experience with adjustable speed drives rated 500 HP and above 60532
Hanna, S. *see* Thomas, M.G. 67234
Hanna, S.M. Applications of ferrites and ferromagnets in tuning RF cavities for accelerators 66804
Hanna, S.M., Keane, J. Analysis and applications of quadrature hybrids as RF circulators 67159
Hanna, S.M., Stefan, P.M. Characterization of NSLS accelerating cavities using impedance measurement techniques 67096
Hanna, T.E. *see* Quatieri, T.F. 75780
Hanna, V.F. *see* Vourch, E. 94919
Hannaford, B. Selecting light sources; choice by compromise 54252
Hannah, A. *see* Toth, L.S. 78102
Hannahs, S.T. *see* Iwasa, Y. 82442
Hannai, S. *see* Sato, T. 61708
Hannaman, D. *see* Dunkley, J. 62724
Hannan, P.W. *see* Pedersen, J.F. 83883
Hannappel, J. *see* Schwille, W.J. 76785
Hannecart, E. *see* Bidan, G. 49018
Hannema, P. *see* Campbell, G.M. 97114
Hanneman, R.K. Procurement cost savings using SQUG methodology 89434
Hannemann, J. *see* Thuring, M. 96444
Hannenhalli, S., Perumalla, K., Chandrasekharan, N., Sridhar, R. A distributed algorithm for ear decomposition 65308
Hanney, R. *see* Hewak, D.W. 56726
Hannon, D., Krounbi, M., Christner, J. Allicat magnetoresistive head design and performance 72157
Hannon, M. Contract electronics manufacture moves ahead as growth in European assembled surface area declines 90887
Hannoun, B.G., Macario, R.C.V. Telemetry and telecontrol for utility meters 52766
Hano, M. *see* Dong, Y. 80579
Hano, M. *see* Kubo, H. 80607
Hanoka, J.I. *see* Amick, J.A. 69012
Hanono, S. *see* Dahl, M. 70603
Hanowski, K. *see* Kunsler, W. 96760
Hanqi Zhuang, Roth, Z.S. Modeling gimbal axis misalignments and mirror center offset in a single-beam laser tracking measurement system 94708
Hanqi Zhuang, Sudhakar, R., Jen-Yu Shieh Depth estimation from a sequence of monocular images with known camera motion 74313
Hanqi Zhuang *see* Jen-Yu Shieh 74301
Hanrahan, P. *see* Danskin, J. 85301
Hanrahan, P. *see* Schroder, P. 64768
Hanratty, C.M. *see* Atkinson, R. 72496
Hanratty, M. *see* Barna, G.G. 62351
Hanrong Fan, Dawson, G.E., Eastham, T.R. Model of electric vehicle induction motor drive system 90601
Hans, L., Stengl, G., Berry, I.L., Randall, J.N., Wolfe, J.C., Finkelstein, W., Hill, R.W., Melngaillis, J., Harriott, L.R., Brunger, W., Buchmann, L.M. Ion projection: the successor to optical lithography 81722
Hans, P. *see* Eichenherr, H. 77641
Hans-Gill, R.J. *see* Dumir, V.C. 54685
Hansaeng Kim *see* Jae Soo Yoo 63757
Hansberry, E. *see* Jachim, S.P. 67230
Hansch, M.K.T., Stegemann, D. Automated evaluation of ultrasonic indications 49032
Hansch, M.K.T., Stegemann, D. Automated evaluation of ultrasonic indications 49042
Hansch, T.W. *see* Konig, W. 86871
Hansch, W. Modeling hot carrier reliability of MOSFET: what is necessary and what is possible? 62840
Hansch, W., Hammerl, E., Kiunke, W., Eisele, I., Ramm, J., Beck, E. Silicon molecular beam epitaxy on hydrogen-plasma-cleaned substrates 61239
Hansdah, R.C. *see* Prahlada-Rao, B.B. 91793
Hanseck Ko *see* Garcia, J. 57850
Hansel, G. From version management to variant management: a contribution to data management for VLSI and microsystem design 80068
Hansel, H.G., Heilmann, R. Single-mode diode laser radiation from a multiple-stripe diode laser using a diffractive optical external cavity 50792
Hansel, S.J. *see* Nichols, D.K. 71551
Hanselman, D.C. Minimum torque ripple, maximum efficiency excitation of brushless permanent magnet motors 69089
Hansen, A.J. *see* Morris, P.B. 65728
Hansen, B. *see* Bucher, K. 100717
Hansen, B.N., Lagalante, A.F., Sievers, R., Bruno, T.J. High-pressure equilibrium cell for solubility measurements in supercritical fluids 66721
Hansen, B.R. *see* King, D.L. 100710
Hansen, B.S. *see* Nielsen, T.G. 53733
Hansen, C.H. *see* Pan, X. 63104
Hansen, C.H. *see* Rivory, J.F. 93803
Hansen, C.H. *see* Snyder, S.D. 57558
Hansen, C.H. *see* Young, A.J. 82193
Hansen, C.L., Olofsson, H., Ronnberg, J., Meyer, J. Fibre to the home field trial in Ballerup, Denmark 96882
Hansen, D. *see* Russo, D.A. 89257
Hansen, E. *see* Lee, Y.-H. 62999
Hansen, H. *see* Koburger, C. 70397
Hansen, H.E. *see* Kulys, J. 98133
Hansen, I.G. *see* Sudhoff, S.D. 60295
Hansen, J.B. *see* Nilsson, P.A. 50424
Hansen, J.Bindslev *see* Bindslev Hansen, J.
Hansen, J.H.L. Adaptive source generator compensation and enhancement for speech recognition in noisy stressful environments 73854
Hansen, J.H.L. Morphological constrained feature enhancement with adaptive cepstral compensation (MCE-ACC) for speech recognition in noise and Lombard effect 95248
Hansen, J.L. *see* Thomsen, E.V. 91473
Hansen, J.M. *see* Manouchehri, D. 53490
Hansen, K., Peiner, E., Tang, G.-P., Bartels, A., Schlachetzki, A. Scattering mechanisms and defects in InP epitaxially grown on (001) Si substrates 92945
Hansen, K.V., Larsen, J. An algorithm for successive identification of reflections 67751
Hansen, M. *see* Alippi, C. 53346

Hansen, M. *see* Alippi, C. 67381
Hansen, M. *see* Dell'Acqua, A. 87955
Hansen, M. *see* Dell'Acqua, A. 98680
Hansen, M.E., Cerrina, F. High-sensitivity X-ray mask damage studies employing holographic gratings and phase-shifting interferometry 81607
Hansen, M.E., Engelstad, R.L., Reilly, M.T., Moore, F.T. Interferometric investigation of X-ray mask fabrication distortions 81606
Hansen, M.E. *see* Chen, H.T.H. 81605
Hansen, M.W. *see* Shih, D.W. 94299
Hansen, N.H. *see* Wilson, B.W. 98994
Hansen, O. Diffusion in a short base 62691
Hansen, O. *see* Thomsen, E.V. 91473
Hansen, P., Raasch, D., Mergel, D. Magnetic and magneto-optical properties of amorphous rare-earth−transition-metal alloys containing Pr, Nd, Fe, Co 63210
Hansen, P.C. *see* Lorenzelli, F. 74212
Hansen, R. *see* Faulkner, M. 80687
Hansen, R. *see* Huber, D.L. 88273
Hansen, R. *see* Mrig, L. 90419
Hansen, R.C., Rashed-Mohassel, J. Comments on "Optimum directivity of a uniformly spaced broadside array of collinear half-wave dipoles," by J. Rashed-Mohassel [and reply] 95043
Hansen, R.K. An acoustic camera for 3D underwater imaging 53556
Hansen, R.W.C., Wolske, J., Takacs, P.Z. UV/ozone cleaning of a replica grating 88286
Hansen, R.W.C., Wolske, J., Wallace, D., Bissen, M. Cleaning of optical surfaces with photogenerated reactants 88285
Hansen, R.W.C. *see* Green, M.A. 87749
Hansen, R.W.C. *see* Reininger, R. 88291
Hansen, S. Trends and ideas towards UMTS−the mobile communications system for the year 2000 58326
Hansen, S. Private mobile radio services offered by the Digicom 7 system 65677
Hansen, S. Three years of operational experience with the LEP RF system 67174
Hansen, S. *see* Luehrmann, P. 71490
Hansen, S. *see* Rivetta, C. 68761
Hansen, S.D. *see* Thyssen, J. 84062
Hansen, S.G. *see* Schlicht, K. 81664
Hansen, S.G. *see* Toukhy, M.A. 81665
Hansen, S.L. *see* Dybdal, K. 56729
Hansen, T.B., Yaghjian, A.D. Planar near-field scanning in the time domain .2. Sampling theorems and computation schemes 94948
Hansen, T.B., Yaghjian, A.D. Planar near-field scanning in the time domain .1. Formulation 94963
Hansen, U.-P. *see* Albertsen, A. 98895
Hansen, U.R. *see* Mogensen, M. 78810
Hansen, V. *see* Aroudaki, H. 55098
Hansen, V. *see* Vaupel, T. 57128
Hansen, V.M. *see* Dalsgaard, P. 98964
Hansen, W. *see* Drexler, H. 49802
Hansen, W. *see* Drexler, H. 62257
Hansen, W. *see* Lettau, C. 93037
Hansen, W.G., Windisch, H.J. Underground transmission for cogeneration electrical interconnections 89189
Hansen, W.L. *see* Heiss, W. 63853
Hansen, W.L. *see* Itoh, K.M. 49849
Hansen Yee *see* Kunsong Huang 59689
Hanseok Ko, Baran, R.H. Signal detectability enhancement with auto-associative backpropagation networks 51533
Hansford, W. The ARPA (ASEM) MCM brokerage service 48671
Hansford, W. Automatic process monitor generation 62979
Hanshans, S. *see* Fritsch, T. 65620
Hansing, C.C., Deng, H., Huffaker, D.L., Deppe, D.G., Streetman, B.G., Sarathy, J. Low-threshold continuous-wave surface emitting lasers with etched void confinement 50825
Hansl-Kozanecka, G. *see* Gingrich, D. 53291
Hansler, E. The hands-free telephone problem: an annotated bibliography update 96535
Hansman, R.J., Jr. *see* Yang, L.C. 77178
Hansmann, S., Burkhard, H., Walter, H., Hillmer, H. A tractable large-signal dynamic model−application to strongly coupled distributed feedback lasers 72882
Hansmann, S. *see* Hillmer, H. 86408
Hansmann, S. *see* Hillmer, H. 94468
Hansmann, S. *see* Hillmer, H. 94475
Hanson, A. *see* Thomas, J.I. 95999
Hanson, A.R. *see* Kumar, R. 95882
Hanson, A.R. *see* Zhang, Z. 51687
Hanson, A.W. *see* Stockman, S.A. 49974
Hanson, A.W. *see* Stockman, S.A. 79925
Hanson, B.A., Applebaum, T.H. Subband or cepstral domain filtering for recognition of Lombard and channel-distorted speech 73850
Hanson, C.M., Sweetser, K.N., Frank, S.N. Uncooled thermal imaging 87300
Hanson, C.M. *see* Clawson, A.R. 55912
Hanson, C.M. *see* Kulwicki, B.M. 52951
Hanson, D. Multimedia network alternatives for LANs 85692
Hanson, D.L., Struve, K.W., Spielman, R.B., Seamen, J.F. Application of piezoelectric stress gauges to the measurement of fast-rise-time multimegampere electric currents 87413
Hanson, D.L. *see* Smith, J.R. 67024
Hanson, D.M. *see* Mahalingam, M. 87187
Hanson, F., Poirier, P. Efficient intracavity frequency doubling of a high-repetition-rate diode-pumped Nd:YAG laser 94384
Hanson, G.G. *see* Allport, P.P. 76752
Hanson, H., Christensen, J., Crabbe, J., Angle, R., Schlier, A., Peters, L. GEM−contemporary system support solutions 88903
Hanson, H.M., Maragos, P., Potamianos, A. A system for finding speech formants and modulations via energy separation 64368
Hanson, H.M., Maragos, P., Potamianos, A. Finding speech formants and modulations via energy separation: with application to a vocoder 84130
Hanson, J.A., Minster, J.B., Vernon, F.L. Seismic polarization measurements using multi-taper spectral analysis 99155
Hanson, J.V. *see* Wang, Z. 73807
Hanson, J.V. *see* Zhicheng Wang 84008
Hanson, M. *see* Johansson, C. 76170
Hanson, R.C. *see* Yamaguchi, T. 50074
Hanson, R.J., Anderson, J.M., Macomber, H.K. Measurements of nonlinear effects in a driven vibrating wire 98375
Hanson, R.K. *see* Arroyo, M.P. 59000
Hanson, R.K. *see* Arroyo, M.P. 76054
Hanson, R.K. *see* Patrie, B.J. 53087
Hanson, S.G., Churnside, J.H., Wilson, J.J. Remote sensing of wind velocity and strength of refractive turbulence using a two-spatial-filter receiver 88769
Hanson, S.G. *see* Churnside, J.H. 53544
Hanson, T., Markley, R. A proposed communications architecture for the first lunar outpost 86305
Hanson, W. *see* Taylor, R.H. 67628
Hanssler, B. *see* Matarazzo, A. 80217
Hansson, G.V. *see* Larsson, M.I. 61241
Hansson, G.V. *see* Larsson, M.I. 79816
Hansson, G.V. *see* Larsson, M.I. 91442
Hansson, G.V. *see* Ni, W.-X. 79857
Hansson, G.V. *see* Sardela, M.R., Jr. 62397
Hansson, G.V. *see* Sardela, M.R., Jr. 62398
Hansson, H.-C. *see* Samuelson, L. 55638
Hansson, P.O., Albrecht, M., Dorsch, W., Strunk, H.P., Bauser, E. Interfacial energies providing a driving force for Ge/Si heteroepitaxy 70023
Hansson, P.O. *see* Gustafsson, A. 79809
Hansson, P.O. *see* Mussig, H.-J. 71085
Hansz, T.E., Linamen, D.R. Defining new clean manufacturing space in existing facilities 76869
Hantila, I.F., Vasiliu, M., Ifrim, C. Topological gauge condition for avoiding spurious modes in resonant cavities 64098
Hantila, I.F. *see* Ifrim, C. 64066
Hantila, I.F. *see* Vasiliu, M. 64059
Hantila, I.F. *see* Vasiliu, M. 64064
Hantila, I.F. *see* Vasiliu, M. 73226
Hantista, C., Farkas, Z.D., Kroll, N.M., Lavine, T.L., Menegat, A., Ruth, R.D., Tantawi, S.G., Vlieks, A.E., Wilson, P.B. High-power RF pulse compression with SLED-II at SLAC 66823
Hanuise, C. *see* Uspensky, M.V. 67808
Hanus, S. *see* Pospisil, J. 80077
Hanus, S. *see* Pospisil, J. 91856
Hanying Xu *see* Xu Hanying
Hanying Zho, Feng Zhao, Yu, F.T.S. Effects of recording-erasure dynamics of storage capacity of a wavelength-multiplexed reflection-type photorefractive hologram 73133
Hanying Zhou, Feng Zhao, Yu, F.T.S. Diffraction properties of a reflection photorefractive hologram 73134
Hanying Zhou *see* Dazun Zhao 73077
Hanyu, I. *see* Kuroda, S. 61661
Hanyu, T., Kuwahara, M., Higuchi, T. Low-power 8-valued cellular array VLSI for high-speed image processing 80384
Hanyu, T., Mochizuki, A., Kameyama, M. Multiple-valued current-mode MOS integrated circuits based on dual-rail source-coupled logic 55225
Hanyu Liu, Zhenya He A sliding window generalized multichannel FTF algorithm with application to the mobile radio channel equalization 86227
Hanyu Sheng, Soo-Jin Chua Electroluminescence model of bipolar resonant tunnelling diode 62663
Hanyu Sheng, Soo-Jin Chua Interface roughness effects on the currents of resonant tunnelling hot electron transistor 81829
Hanyu Sheng, Soo-Jin Chua Proposing and modelling of a new unipolar transistor 81993
Hanzeika, Z., Pirog, S. Symmetrical follow-up reactive current compensator 59874
Hanzlik, J. Compensators 68035
Hanzo, L., Cheung, J.C.S., Steele, R., Webb, W.T. A packet reservation multiple access assisted cordless telecommunication scheme 65648
Hanzo, L., Steele, R. The Pan-European mobile radio system. Part I 58322
Hanzo, L., Steele, R. The Pan-European mobile radio system. Part II 58323
Hao, F. *see* Okada, Y. 68627
Hao, W. *see* Adam, W. 88114
Hao, W. *see* Bai, J.Z. 53324
Hao, Y. *see* Wang, J. 94519
Hao, Y.S. *see* Wang, H.F. 59745
Hao Bi, Guangguo Bi, Yimin Mao Globally optimal vector quantizer design using stochastically competitive learning algorithm 95228
Hao Chang *see* Chang Hao
Hao Chen *see* Forrest, W.J. 58778
Hao Chen *see* Solomon, S.L. 58846
Hao Ding *see* Gerard, P. 56388
Hao Fang *see* Su, L.T. 62815
Hao Feng *see* Feng Hao
Hao Huang *see* Fardoun, A.A. 78888
Hao Huang Wen *see* Huang Wen Hao
Hao Jianhua, Zhou Fangqiao, Sun Handong, Zhao Zingrong, Mai Zhihong, Yi Xinjian, Li Zaiguang Study on $YBa_2Cu_3O_{7-\delta}$ superconducting photodetectors 98003
Hao Jianhua *see* Zhou Fangqiao 52865
Hao Li *see* Li Hao
Hao Ling *see* Ling Hao
Hao Liu *see* Liu Hao
Hao Ma *see* Ma Hao
Hao Meng *see* Meng Hao
Hao Ming-Yin *see* Ming-Yin Hao
Hao Pizhu, Qiu Nanyan An investigation of the surface receptor property of gas sensing metal oxide semiconductors 98164
Hao Rongtai *see* Liu Zhigang 90607
Hao Rongtai *see* Rongtai Hao
Hao Shangyou *see* Shangyou Hao
Hao Tang, Hung Chang Lin, Sen Jung Wei Multi-peak resonant tunneling diodes based fuzzifiers 55851
Hao Wang *see* Wang Hao
Hao Wei-Da *see* Wei-Da Hao
Hao Ye, DeGroat, R.D. Maximum likelihood DOA and unknown colored noise estimation with asymptotic Cramer-Rao bounds 95622
Hao Ying *see* Ying Hao
Hao Yue IC statistical optimization technology with sequential quadratic approximation 62968
Hao Yugou *see* Zhou Qingjie 99436
Hao Yuguo *see* Zhou Qingjie 99435
Hao Yushan *see* Gu Gendai 53601
Hao Zhaoyin, He Yixing, Chen Yufei, Wang Derong Nucleation and growth of diamond 61232
Hao-Hsiung Lin *see* Yau-Huei Chen 62682
Hao-Jen Fu, Jack, C. An intelligent network service deployment environment 52251
Hao-Ming Shen *see* Wei-Yan Pan 95023
Hao-Tien Lee, D., Gwo-Yuh Shiau AFM application on the topography study of stack-cell DRAM processes 82028
Hao-Tien Lee, D. *see* Gwo-Yuh Shiau 71425
Haohuai Kuang *see* Kuang Haohuai
Haojin Wang, Wolter, J., Jungfu Tsao A hybrid architecture for predicting oil slick movement 77576
Haoshan Shi *see* Shi Haoshan
Haoying Shen *see* Wu Lu 81717
Haoyuan Shen *see* Shen Haoyuan
Haozhe Dong, Gopinath, A. AlGaAs/GaAs ridge waveguide lasers on semi-insulating substrate with airbridged contacts with 21 GHz modulation response frequency 83139
Hapiot, J.C. *see* Monmasson, E. 54171
Hapke, P. *see* Kolter, M. 100699
Happ, H. Transmission access raises unresolved economic issues 78052
Happ, H.H. Cost of wheeling methodologies 59728
Happ, H.H. Transmission pricing policies and methods for evaluating wheeling services 78046
Happ, M. *see* Mollmann, K.-P. 56534
Happ, T. *see* Wuosmaa, A.H. 67386
Happacher, M. Angle encoders of the new generation. The principle: the mathematical waterclock 87199
Happle, K. *see* Keppner, H. 100572
Happy, H. *see* Danneville, F. 55404
Haq, F., Mourad, S. Optimal logic blocks for FPGAs, using factorial design techniques 92052
Haq, I.U. *see* Rehman, S.S. 50837
Haq Ejaz *see* Ejaz Haq
Haque, A.K.F. *see* Islam, G.S. 99026
Haque, M., El-Zein, A., Chowdhury, S. A new time-domain macromodel for transient simulation of uniform/nonuniform multiconductor transmission-line interconnections 91715
Haque, M. *see* El-Zein, A. 94890
Haque, M.H. Equal-area criterion: an extension for multimachine power systems 53599
Haque, M.H. Transient stability of series and shunt compensated schemes for AC transmission systems 89196
Haque, M.S., Naseem, H.A., Brown, W.D. Interaction of aluminum with hydrogenated amorphous silicon at low temperatures 49820
Haque, M.Z. *see* Kalam, A. 59741
Haque, T., Nolan, R., II, Pillay, P., Reynaud, J. Parameter determination for induction motors 89968
Har, D. *see* Abbott, M. 70473
Hara, A., Koizuka, M., Aoki, M., Fukuda, T., Yamada-Kaneta, H., Mori, H. Influence of grown-in hydrogen on thermal donor formation and oxygen precipitation in Czochralski silicon crystals 91409
Hara, B. *see* Ebina, K. 56610
Hara, H. *see* Demura, T. 92280
Hara, H. *see* Matsuda, S. 70423
Hara, H. *see* Matsui, M. 97632

Hara, H. *see* Nakajima, H. 72780
Hara, H. *see* Tanaka, T. 92244
Hara, H. *see* Ushiku, Y. 71438
Hara, H. *see* Yoshitomi, T. 71679
Hara, K., Horiuchi, K., Kim, S., Nakano, I., Takebayashi, T., Takikawa, K., Yasuoka, K., Koyano, M., Matsui, S., Takeuchi, H. Heat splicing of plastic fibers using a PEEK tube 82557
Hara, K., Nishida, N. H_2 sensors using Fe_2O_3-based thin film 98151
Hara, K., Ohta, J., Nitta, Y., Kyuma, K. Surface operating optoelectronic devices and applications to optical parallel processing 72658
Hara, K. *see* Kano, N. 70048
Hara, K. *see* Koh, M. 91110
Hara, K. *see* Shiota, F. 86985
Hara, K. *see* Takao, T. 66684
Hara, K. *see* Tokura, N. 55975
Hara, K. *see* Yamamoto, M. 54872
Hara, K. *see* Yamamoto, M. 56758
Hara, K. *see* Yanashima, K. 70019
Hara, K.-I. *see* Koh, M. 71682
Hara, K.-I. *see* Matsukawa, T. 61711
Hara, M., Suehiro, J., Tachibana, Y., Takeo, M., Kosaki, M., Satow, T., Motojima, O. Breakdown characteristics and prebreakdown phenomena of pressurized superfluid helium 71840
Hara, M., Zhen-chao Wang, Saito, H. Thermal bubble breakdown in liquid nitrogen under nonuniform fields 82123
Hara, M. *see* Araki, N. 71902
Hara, M. *see* Maekawa, Y. 68251
Hara, M. *see* Sameshima, T. 71647
Hara, M. *see* Suehiro, J. 63096
Hara, N. *see* Kuroda, S. 61661
Hara, N. *see* Mori, K. 82314
Hara, N. *see* Nihei, M. 93512
Hara, N. *see* Suehiro, H. 93669
Hara, N. *see* Yoshida, M. 56283
Hara, S., Morinaga, N. Throughput analysis for random access protocols in a mobile radio packet network 75290
Hara, S. *see* Hatsuzawa, T. 87540
Hara, S. *see* Katagiri, Y. 83201
Hara, S. *see* Kinugawa, Y. 52390
Hara, S. *see* Nagasaka, E. 88482
Hara, S. *see* Ohno, Y. 49437
Hara, S. *see* Okada, M. 94823
Hara, S. *see* Sakuno, K. 80785
Hara, S. *see* Sato, N. 79025
Hara, S. *see* Sayama, H. 61736
Hara, S. *see* Takai, M. 49894
Hara, S. *see* Yokohata, T. 52746
Hara, S. *see* Yoshimasu, T. 49666
Hara, S. *see* Yoshimasu, T. 80784
Hara, T., Bock, E.J., Lyzenga, D. In situ measurements of capillary-gravity wave spectra using a scanning laser slope gauge and microwave radars 67873
Hara, T., Muraki, T., Takeda, S., Uchitomi, N., Kitaura, Y., Guang-Bo Gao Damage formed by Si^+ implantation in GaAs 93136
Hara, T., Plant, W.J. Hydrodynamic modulation of short wind-wave spectra by long waves and its measurement using microwave backscatter 67841
Hara, T., Shinada, K., Nakamura, S. Damage formed by plasma boron doping in silicon 93128
Hara, T., Yamamoto, O., Hayashi, M., Nagai, T. Transmission tower model for lightning surge analysis 68274
Hara, T. *see* Fujikami, J. 68254
Hara, T. *see* Mukohzaka, N. 56454
Hara, T. *see* Nagase, M. 89469
Hara, T. *see* Sato, S. 100396
Hara, T. *see* Yamada, H. 61971
Hara, T. *see* Yamamoto, O. 93757
Hara, Y., Atkins, R.G., Yueh, S.H., Shin, R.T., Kong, J.A. Application of neural networks to radar image classification 59596
Hara, Y., Fujii, K., Maeda, T., Shibuya, Y., Sakai, T., Ogawa, K., Takeno, Y., Tanaka, Y., Kaneko, M., Kikuchi, K., Harikae, K. Active phased array antenna 64236
Hara, Y., Ono, M., Fujimura, S. Analysis of JERS-1 SAR imagery 77624
Hara, Z., Terazaki, N., Shiramatsu, N., Iwata, S. Picture quality of each pixel arrangements for large size matrix displays 58915
Harada, A., Kishimoto, T., Kaneko, Y. Air cooling technology for high-power telecommunication systems 65538
Harada, A. *see* Kaneko, Y. 65537
Harada, A. *see* Kimura, M. 72485
Harada, A. *see* Kishimoto, T. 81096
Harada, A. *see* Nozaki, M. 56071
Harada, E. *see* Ohshima, M. 99422
Harada, F. Hosiden fine tunes TFT LCDs to meet user needs, demand 98197
Harada, H. *see* Harao, A. 85960
Harada, H. *see* Kamano, T. 89930
Harada, H. *see* Kamano, T. 90010
Harada, H. *see* Takada, N. 77613
Harada, H. *see* Tanaka, M. 67780
Harada, H. *see* Yamamoto, Y. 98260
Harada, I., Kitazawa, H. A global router optimizing timing and area for high-speed bipolar LSIs 93583
Harada, I. *see* Oota, I. 78699
Harada, K., Harada, K. A novel circuit for dead angle compensation in the DC-to-DC converter controlled by a magnetic amplifier 55138
Harada, K., Harada, K. Analysis of the circuit for dead angle compensation in the DC-to-DC converter controlled by a magnetic amplifier 61511
Harada, K., Hoshino, N., Takagi, M.T., Yoshii, I. ESR study of MOSFET characteristics degradation mechanism by water in intermetal oxide 62750
Harada, K., Mong Lung Lang, Miyamoto, M. Sequential construction of Niemeier lattices and their uniqueness 54686
Harada, K., Suzuki, N., Gu, W.-J. Self-running PWM converter with zero-voltage-switched resonant transition using two saturable cores 61563
Harada, K., Takahashi, I. A note on the applicability of dynamic programming method for the optimum approximation with piecewise line segments 61120
Harada, K. *see* Close, R. 64714
Harada, K. *see* Harada, K. 55138
Harada, K. *see* Harada, K. 61511
Harada, K. *see* Hinamoto, T. 74177
Harada, K. *see* Horiuchi, T. 62594
Harada, K. *see* Horiuchi, T. 93274
Harada, K. *see* Koga, F. 75913
Harada, K. *see* Matsuo, H. 100312
Harada, K. *see* Matsuo, H. 100332
Harada, K. *see* Nagao, M. 60325
Harada, K. *see* Noguchi, S. 55112
Harada, K. *see* Sakamoto, H. 54068
Harada, K. *see* Sasada, I. 49133
Harada, K. *see* Sasada, I. 52798
Harada, K. *see* Takahashi, H. 59377
Harada, K. *see* Tamaki, N. 65499
Harada, K. *see* Yamashita, K. 75439
Harada, L.K., Leslie, D.H., Salazar, M. Atmospheric transmission analysis for airborne laser applications 94840
Harada, M., Minato, T., Takahashi, H., Nishihara, H., Inoue, K., Takata, I. A 600V gate-insulated bipolar transistor using a trench MOS gate 55902
Harada, M. *see* Kado, Y. 91955
Harada, M. *see* Nakashima, S. 93558
Harada, M. *see* Ohno, T. 71796
Harada, M. *see* Tamaki, S. 61707
Harada, M. *see* Tomigashi, Y. 49711
Harada, N., Okamura, T., Kizuka, N., Yamasaki, H., Shioda, S. Generator performance of a disk CCMHD generator with inlet swirl: demonstration of over 30% enthalpy extraction 69017
Harada, N. *see* Iwai, H. 78528
Harada, N. *see* Morooka, T. 58663
Harada, N. *see* Nakamura, H. 98229
Harada, N. *see* Tanaka, S. 98810
Harada, R., Wake, Y., Yasunaga, S., Tomotake, S., Nakagawa, H., Yagasa, F., Usuki, K., Tanaka, S. 16 kbps LD-CELP speech CODEC module 85952
Harada, S. *see* Aburatani, H. 71908
Harada, T. *see* Hasegawa, M. 88338
Harada, T. *see* Tamaki, J. 76109
Harada, T. *see* Tanaka, T. 75218
Harada, T. *see* Tsujioka, T. 94049
Harada, T. *see* Yanagihashi, K. 89381
Harada, Y., Haviland, D.B., Delsing, P., Chen, C.D., Claeson, T. Fabrication and measurement of a Nb based superconducting single electron transistor 72236
Harada, Y., Hioe, W., Takagi, K., Kawabe, U. The design for a Josephson micro-pipelined processor 70569
Harada, Y., Murata, H., Sagara, S. A design of deadbeat control system considering the input saturation 90190
Harada, Y., Takami, K., Ohta, T., Terashima, N. A method to detect semantically inconsistent behavior in telecommunication service interactions 96409
Harada, Y., Tomita, T., Kokubo, Y., Daimon, H., Ino, S. Development of an ultrahigh vacuum high resolution scanning transmission electron microscope 71066
Harada, Y. *see* Chichibu, S. 48999
Harada, Y. *see* Chichibu, S. 61307
Harada, Y. *see* Chichibu, S. 62213
Harada, Y. *see* Chichibu, S. 79822
Harada, Y. *see* Delsing, P. 82373
Harada, Y. *see* Hata, Y. 62921
Harada, Y. *see* Uda, H. 92562
Harafuji, K., Misaka, A., Nakagawa, H., Kubota, M., Nomura, N. Profile predictions in dry-etching by a new surface reaction model 62500
Harafuji, K., Yamano, A., Kubota, H. RF glow discharge and ion transport: effects of applied frequency, gas pressure and method of power coupling 62434
Harafuji, K. *see* Misaka, A. 93173
Harafuji, K. *see* Ohkuni, M. 71378
Haraguchi, K. Microscopic optical seam induced current measurements and their applications 93550
Haraguchi, M. *see* Kishimoto, T. 67215
Haraguchi, T. *see* Okawa, K. 65515
Harakawa, T. *see* Nakao, N. 52295
Harakawa, T. *see* Nakayashiki, S. 65300
Haralick, R.M. Document image understanding: geometric and logical layout 84808
Haralick, R.M. Propagating covariance in computer vision 84882
Haralick, R.M. Performance characterization in computer vision 85158
Haralick, R.M., Chen, S., Zhuang, X. A brief survey of the relationships between finite random sets and morphology 85126
Haralick, R.M. *see* Camps, O.I. 57702
Haralick, R.M. *see* Costa, W.L.S. 98835
Haralick, R.M. *see* Ha, J. 96046
Haralick, R.M. *see* Lee, C.-K. 96031
Haralick, R.M. *see* Ramesh, V. 74604
Haralick, R.M. *see* Rystrom, L.R. 65934
Haralick, R.M. *see* Vaidya, V.G. 74540
Harame, D. *see* Kermarrec, C. 81843
Harame, D. *see* Kermarrec, C. 92616
Harame, D. *see* Subbanna, S. 92190
Harame, D. *see* Warnock, J. 71771
Harame, D.L., Comfort, J.H., Crabbe, E.F., Cressler, J.D., Warnock, J.D., Meyerson, B.S., Hsu, K.Y.-J., Cotte, J., Stanis, C.L., Stork, J.M.C., Sun, J.Y.-C., Danner, D.A., Agnello, P.D. A SiGe-base PNP ECL circuit technology 71770
Harame, D.L., Crabbe, E.F., Cressler, J.D., Comfort, J.H., Sun, J.Y.-C., Stiffler, S.R., Kobeda, E., Burghartz, J.N., Gilbert, M.M., Malinowski, J.C., Dally, A.J., Ratanaphanyarat, S., Saccamango, M.J., Rausch, W., Cotte, J., Chu, C., Stork, J.M.C. A high performance epitaxial SiGe-base ECL BiCMOS technology 61658
Harame, D.L., Stork, J.M.C., Meyerson, B.S., Hsu, K.Y.-J., Cotte, J., Jenkins, K.A., Cressler, J.D., Restle, P., Crabbe, E.F., Subbanna, S., Tice, T.E., Scharf, B.W., Yasaitis, J.A. Optimization of SiGe HBT technology for high speed analog and mixed-signal applications 93579
Harame, D.L. *see* Crabbe, E.F. 93339
Harame, D.L. *see* Cressler, J.D. 93355
Haran, F.M., Barton, J.S., Jones, J.D.C. Bend loss in buffered over-moded optical fibre: LP_{11} mode and 'whispering gallery' mode interaction 82554
Haran, F.M., Barton, J.S., Kidd, S.R., Jones, J.D.C. Optical fibre interferometric sensors using buffer guided light 52886
Haran, F.M., Jones, J.D.C., Barton, J.S. Optical fibre interferometric sensors using buffer guided light 87227
Haran, F.M., Ono, K., Barton, J.S., Jones, J.D.C. Bend loss oscillations in single mode optical fibre: higher order recoupling 56343
Haranou, T. *see* Kubota, E. 91632
Harao, A., Harada, H., Sano, T., Yoshida, T., Iwamoto, R. A DSU interface for 1.5 and 6.3 Mbps leased lines 85960
Harari, J., Journet, F., Rabii, O., Joannes, L., Vilcot, J.P., Decoster, D. Modeling of photodetectors for microwave and high power applications 72610
Haras, A. *see* Chrzan, P.J. 89925
Harasawa, Y., Kirimoto, T. A Gram-Schmidt SLC controlling the number of auxiliary antennas to preserve desired signals 64211
Harasawa, Y. *see* Kirimoto, T. 64238
Harase, J. *see* Nakamura, Y. 63135
Harashima, E. *see* Nagata, K. 93719
Harashima, F. Power electronics and motion control—a future perspective 89795
Harashima, F. *see* Kasuga, C. 93791
Harashima, F. *see* Luo, R.C. 94704
Harashima, F. *see* Seung Hak Yang 89963
Harashima, H. *see* Chang Seek Choi 74491
Harashima, H. *see* Nakaya, Y. 74498
Harashima, H. *see* Takizawa, Y. 51419
Harashima, H. *see* Ueki, N. 51613
Harashima, K. *see* Shigehiro, Y. 62958
Harasiewicz, K.A. *see* Turnbull, D.H. 98777
Harasim, L. First steps in multimedia telecommunications: using ISDN for educational delivery 85893
Harasima, K. *see* Akimoto, T. 55805
Harasty, D.J. *see* Chang, L.F. 86171
Harata, K., Kanai, H. Generation mechanism of intermodulation products in a traveling-wave tube 92903
Haratani, S., Tominaga, J., Dohi, H., Takayama, S. Property change of AgO_x recordable compact disk with various dielectric films 86809
Harb, A. *see* Archibald, C. 76074
Harb, S.M. *see* Gardner, J.W. 55024
Harbaugh, L. *see* Horazak, D.A. 89557
Harberts, C. The course of a true outage never ran so smooth [San Onofre PWR outage management] 99901
Harbison, B.B. *see* Merzbacher, C.I. 63339
Harbison, J.P. *see* Guimaraes, P.S.S. 49797
Harbison, J.P. *see* Philips, B.A. 61299
Harbison, J.P. *see* Tanaka, M. 54845
Harbitz, A. Ocean waves measured by a video spot detector 77506
Harbitz, A. Video-based ocean wave spectra 77507
Harboe-Sorensen, R., Vuilleumier, P., Adams, L., Nickson, B., Muller, R. Radiation testing of flight lots for MARS-94 covering—semiconductor types as 4 M-BIT DRAM, 256 K-BIT SRAM, 256 K-BIT EEPROM and a 53C90 SCSI controller 70467
Harboe-Sorensen, R. *see* Dreute, J. 70477
Harboe-Sorensen, R. *see* Metzger, S. 70476

Harboe-Sorensen, R. *see* Vanhellemont, J. 71573
Harca, S. *see* Mestrovic, K. 90231
Hard, S. *see* Mizeraczyk, J. 72684
Hardan, F., Zhang, L. Optimal predictive space-vector modulation control of stator current for high performance induction motor drives 60505
Hardcastle, I. *see* Saunders, R.A. 76233
Hardcastle, P.J. A high resolution near bed coherent acoustic Doppler current profiler for measurement of turbulent flow 99296
Hardcastle, P.J. *see* Thorne, P.D. 59568
Harde, P. *see* Wolf, T. 48943
Hardek, T., Macek, R., Plum, M., Wang, T.-S. Beam pinging, sweeping, shaking, and electron/ion collecting, at the Proton Storage Ring 76493
Hardek, T. *see* Wang, T. 87918
Hardekopf, R.A. *see* Jason, A.J. 87950
Harden, P.A. *see* Lahti, G.P. 78290
Harder, C., Emsermann, A., Hammer, L., Muller, K. AES-depth-profiling of thin annealed Pt-films on Si(100) 49824
Harder, C. *see* Hunziker, G. 94465
Harder, C. *see* Knop, W. 50828
Harder, Ch. *see* Jackson, K.P. 72648
Hardesty, R.M., Banta, R.M., Grund, C., Yanzeng Zhao Lidar studies of dynamics and chemistry in the lower troposphere 77365
Hardesty, R.M. *see* Baker, W.E. 77347
Hardie, C., Menon, A., Crane, P., Egbert, D. Analysis and performance characteristics of the Seagate advanced air bearing slider 72146
Hardie, R.C., Barner, K.E. Rank conditioned rank selection filters for signal restoration 51621
Hardie, R.C., Barner, K.E., Sarhan, A. Selection filters for signal restoration 84556
Hardiman, P. ISO 9000 and instrument calibration 66104
Hardin, B. *see* Mehlenbacher, B. 96696
Hardin, J.B. *see* Schatz, B.R. 85657
Hardin, P.J. *see* Long, D.G. 77703
Hardin, R.H., Sloane, N.J.A. Expressing $(a^2+b^2+c^2+d^2)^3$ as a Sum of 23 Sixth powers 91353
Harding, C.M. *see* Grove, M.J. 71337
Harding, D. *see* Vadari, S. 53629
Harding, D.J., Bufton, J.L., Frawley, J.J. Satellite laser altimetry of terrestrial topography: vertical accuracy as a function of surface slope, roughness, and cloud cover 77315
Harding, D.J., Chester, N., Baiod, R. Sextupole magnets for the Fermilab Main Injector 76675
Harding, D.J., Collins, J.P., Kobliska, G.R., Chester, N.S., Pewitt, E.G., Fowler, W.B. Experience with the source evaluation board method of procuring technical components for the Fermilab Main Injector 76674
Harding, D.J., Glass, H.D., Ostiguy, J.-F., Brown, B.C., Harfoush, F.A., Mishra, C.S. Design and measurements of prototype Fermilab Main Injector dipole endpacks 76676
Hardingham, C., Huggins, C., Cross, T., Gray, A., Mullaney, K., Kitchen, C. Ultrathin, directly glassed, GaAs solar cells 100742
Hardingham, C.M. *see* Pearsall, N.M. 100750
Hardjono, T., Chikaraishi, T., Ohta, T. An approach to key management and inter-domain authentication in the telecommunications management network 74852
Hardjono, T., Ohta, T. Fixed-path proxy-logins with assured termination 65305
Hardjono, T. *see* Yuliang Zheng 64267
Hardtdegen, H. *see* Appenzeller, J. 55640
Hardtdegen, H. *see* Marso, M. 58797
Hardwick, J., Yoo, C.D., Lim, J.S. Speech enhancement using the dual excitation speech model 84048
Hardwicke, K.R., Wilson, G.R., Baugh, K.W. Characterization of spectral correlation detector statistics useful in transient detection 57444
Hardwicke, K.R. *see* Baugh, K.W. 57442
Hardy, A. *see* Mehuys, D. 94527
Hardy, A. *see* Yoav Boim 82642
Hardy, C.R., May, R.S., Singh, A. A software tool for integrated accident analysis of nuclear plant and operator response 99856
Hardy, C.R. *see* May, R.S. 68385
Hardy, C.R. *see* Miller, D.W. 68376
Hardy, D. *see* Gonet, P. 65374
Hardy, D.A. *see* Oberhardt, M.R. 88633
Hardy, G., Wilkins, D., Wright, N. Advanced displays for the F/A-18E/F Hornet; application of AMLCD and touch sensing technology in an existing tactical fighter/attack crewstation 77153
Hardy, G.H. *see* Swenson, H.N. 67685
Hardy, I. *see* Le Noane, G. 50469
Hardy, I. *see* Le Noane, G. 86513
Hardy, K. *see* Golightly, M.J. 88573
Hardy, P. *see* Galagedera, S.B. 88240
Hardy, P. *see* Galagedera, S.B. 98670
Hardy, P. *see* Morgado, C.J.S. 88239
Hardy, P. *see* Morgado, C.J.S. 98581
Hardy, P.E. *see* MacDougall, F.W. 90339
Hardy, W.N. *see* Ma, Q.Y. 72203
Hare, B.A. *see* Lee, P.S. 98855
Harer, W. *see* Strobach, P. 67536
Harfield, R. *see* Hamann, N.H. 67312
Harford, J.R. Powerline disturbances and electronic systems 99765
Harfoush, A. *see* Demidovich, V.B. 54262
Harfoush, F.A., Brown, B.C., Glass, H.D., Mishra, C.S., Peggs, S. Defining the systematic and random multipole errors for Main Injector tracking 66945
Harfoush, F.A. *see* Harding, D.J. 76676
Harfoush, F.A. *see* Mishra, C.S. 66942
Harfoush, F.A. *see* Mishra, C.S. 66943
Hargrave, B. *see* Steeves, G. 77547
Hargreaves, J.S. *see* Alexander, K.E. 62606
Hargreaves, T.A., Scheitrum, G.P., Bemis, T., Higgins, L. Design and construction of a 95 GHz, 4th harmonic oscillator experiment 92887
Hari, K.V.S., Gummadavelli, U. On the performance of subspace methods with array model errors and spatial smoothing 84459
Hari Krishna A mathematical framework for algorithm-based fault-tolerant computing over a ring of integers 83929
Haribabu, R. *see* Poornaiah, D.V. 70602
Haridas, P. *see* Chang, Y.H. 98645
Haridim, M., Zelikson, M., Weiser, K. Trapping effects in a-Si:H investigated by small-signal transient photoconductivity and the steady-state photocarrier-grating technique 62149
Harig, H.-D. *see* Bierhoff, R. 68126
Harigel, G.G. A liquid argon hybrid detector 76820
Harihara, M. *see* Menon, P.R. 49287
Harikae, K. *see* Hara, Y. 64236
Hariman, R.J. *see* Lin, J.C. 67614
Haring, S., Viergever, M.A., Kok, J.N. Kohonen networks for multiscale image segmentation 64821
Harink, J.H.A. *see* Borst, S.C. 96195
Hariri, A. *see* Farahbod, A.H. 56642
Hariri, S. *see* Reichmeyer, F. 52162
Hariskos, D. *see* Hedstrom, J. 100487
Hariskos, D. *see* Kessler, J. 93006
Harissopulos, S. *see* Bogaert, G. 59020
Haritos, K. *see* Sun, C.J. 48948
Hariyama, M., Kameyama, M. Design of a CAM-based collision detection VLSI processor for robotics 80388
Harizi, C. *see* Brinkmann, R. 50572
Harizi, C. *see* Noe, R. 82757
Harizi, C. *see* Tian, F. 75470
Harjani, R., Vinnakota, B. Analog circuit observer blocks 50071
Harjani, R. *see* Jianfeng Shao 91847
Harjani, R. *see* Wang, R. 77076
Harjes, B. New applications for optical fibres integrated into power cables 68234
Harjono, H., Jain, R., Mohan, S. Analysis and simulation of a cache-based auxiliary user location strategy for PCS 85592
Harju, T., Rozenberg, G. Reductions for primitive 2-structures 48765
Harkay, K. *see* Wildman, D. 87906
Harkay, K.C., Colestock, P.L. Comparison of the coupled-bunch mode theory to experimental observations in the Fermilab Booster 87921
Harkewicz, R., Stacy, J., Greene, J., Pardo, R.C. Solid material evaporation into an electron cyclotron resonance source by laser ablation 53163
Harkewicz, R. *see* Pardo, R.C. 76297
Harkness, H. *see* Grodstein, J. 92151
Harkness, H. *see* Saldanha, A. 91706
Harkness, J. *see* Stoten, D.P. 95418
Harkness, S.D., Yue, C.F., Borek, M.A., Singh, R.K. Pulsed laser deposition of epitaxial $Ba_xSr_{1-x}TiO_3/Ba_2Cu_3O_7$ bilayers on $LaAlO_3$ substrates 91466
Harlam, B. *see* Dholakia, R.R. 85394
Harlan, J.A. *see* Georges, T.M. 77391
Harlan, J.A. *see* Georges, T.M. 97403
Harle, V., Bolay, H., Lux, E., Scholz, F., Michler, P., Moritz, A., Forner, T., Hangleiter, A. Direct experimental evidence of indirect bandgap transitions in strained GaInAs(P)/InP quantum well structures 55624
Harlee, P.S., III *see* Bellesis, G.H. 53023
Harley, E.R., Stachniak, Z. Minimal resolution proof systems for finitely-valued Lukasiewicz logics 49258
Harley, P.J. *see* Pickering, W.W. 48892
Harley, R.G. *see* Wishart, M.T. 60234
Harlingen, D.J.Van *see* Van Harlingen, D.J.
Harlow, J.H. Load tap changing controls as a power system nerve center 89103
Harlow, M.J., Duncan, W.J., Lealman, I.F., Spurdens, P.C. Growth of chromium doped semi-insulating InP by MOVPE 54900
Harlow, M.J. *see* Lealman, I.F. 56797
Harlow, M.J. *see* Lealman, I.F. 63814
Harlow, M.J. *see* Lealman, I.F. 94447
Harlow, M.J. *see* Spurdens, P.C. 81943
Harman, D.D., Huang, G., Im, G.-H., Nguyen, M.-H., Werner, J.-J., Wong, M.K. Local distribution for interactive multimedia TV to the home 86758
Harman, M.E. *see* Brill, M.H. 86607
Harman, R.K. Intrepid: a new outdoor perimeter sensor technology 99351
Harman, T.L. *see* Clapp, A.E. 49451
Harman, W.H., Schultz, H.B., Wyschogrod, D., Eggert, J.R., Sasiela, R.J., Bush, R.W. Radar images of Logan Airport and application in automated aircraft tracking 77203
Harman, W.H. *see* Schultz, H.B. 77204
Harman, W.H. *see* Wyschogrod, D. 77207
Harmand, J.E. *see* Cadiou, J.F. 92515
Harmans, C.J.P.M. *see* Verbrugh, S.M. 66641
Harmelen, G.L.van *see* van Harmelen, G.L.
Harmer, M.P. *see* Chen, J. 50136
Harmon, E.S. *see* Brubaker, R.M. 73073
Harmon, E.S. *see* Melloch, M.R. 62163
Harmon, G. *see* LaPlace, C. 89101
Harmon, M.E. *see* Boggess, J.E., III 85088
Harmon, R.L., Rodriquez, A.A. Close-proximity concentric and modified single fiber electromyographic recordings using revised techniques with a paired wire electrode 88515
Harmon, R.R. *see* Gillpatrick, T.R. 69522
Harms, B.K., Jin Bae Park, Dyer, S.A. Optimal measurement techniques utilizing Hadamard transforms 66094
Harms, D.D. *see* Colbourn, C.J. 74753
Harms, E. *see* Jackson, G. 87876
Harms, E., Jr. Reliability of the Fermilab Antiproton source 87951
Harms, H. *see* Karg, F. 100500
Harms, H.-F., Gonschorek, K.-H. Hybrid methods: a possibility of computation of electromagnetically complex structures over a wide frequency range 57203
Harms, P., Mittra, R., Wai Ko Implementation of the periodic boundary condition in the finite-difference time-domain algorithm for FSS structures 94949
Harmuth, H.F. Comments on "General Fourier solution and causality in attenuating media" by R.E. Duren 57134
Harn, L. Public-key cryptosystem design based on factoring and discrete logarithms 57347
Harn, L. Group-oriented (t, n) threshold digital signature scheme and digital multisignature 83992
Harn, L., Huang, D. A protocol for establishing secure communication channels in a large network 51812
Harn, L., Lin, H.-Y., Yang, S. Threshold cryptosystem with multiple secret sharing policies 51317
Harn, L. *see* Hung-Yu Lin 75294
Harned, N. Deep UV photolithography cluster performance 71531
Harness, P.C. *see* Figielski, T. 81282
Harniakova, A. *see* Hascik, S. 93236
Haro-Poniatowski, E., Fernandez-Guasti, M., Camacho-Lopez, S., Ruiz, F. Phase conjugation and spatial grating formation in amorphous chalcogenide thin films 64005
Harokopus, W., Jr. *see* Kormanyos, B.K. 57260
Harold, E., Bukiet, B., Peter, W. Maximum projectile velocity in an augmented railgun 73248
Haroun, B., Sajjadi, B. Optimal datapath synthesis of partitioned signal processing algorithm for multiple FPGAs 92057
Haroush, F.A. *see* Mishra, C.S. 66944
Harp, G. *see* Farrow, R.F.C. 91514
Harper, A. *see* Branstetter, R. 88664
Harper, A. *see* Roark, C. 88698
Harper, D. *see* Wright, A. 54569
Harper, H. *see* Seidler, W. 82077
Harper, J. The flagship is dropping behind the fleet [UK telecommunications industry] 65103
Harper, J.M. The flagship is dropping behind the fleet [UK telecommunication industry] 58023
Harper, J.M.E. *see* Colgan, E.G. 81575
Harper, M. *see* Mitchell, C. 95242
Harper, M.P., Jamieson, L.H., Zoltowski, C.B., Helzerman, R.A. Semantics and constraint parsing of word graphs 73846
Harper, P. *see* Poustie, A.J. 56685
Harper, P.G. *see* Morgan, R.D. 82593
Harper, R.M. *see* Rector, D.M. 88474
Harper, R.W. *see* Wagner, R.S. 59107
Harper, V.S. *see* Hartlein, R.A. 68237
Harper, V.S. *see* McBride, J.E. 68238
Harr, R., Biino, C., Borreani, G., Erhan, S., Hofmann, W., Karchin, P., Kreuzer, P., Liapis, C., Lynn, D., Medinnis, M., Palestini, S., Pesando, L., Punturo, M., Schlein, P., Wilkens, B., Zweizig, J. Tracking detector alignment using constrained vertex fits 88209
Harr, R. *see* Drake, K. 48677
Harrault, F. *see* Visentin, B. 53172
Harreiss, U., Ronge, K., Stock, G. Use of ASICs and PLDs in (programmable logic ICs) in smaller companies 92114
Harrekilde-Petersen, K. *see* Thomsen, E.V. 91473
Harrell, C. Tame project management software 90904
Harrell, J.W. *see* Yuwu Yu 63213
Harrell, M.J. *see* Mierzwinski, M.E. 61928
Harrer, S. *see* Bethmann, A. 75669
Harrer, S. *see* Vogel, D. 97484
Harrigan, E. *see* Thomas, V.A. 55091
Harrington, A.V. *see* Lengyel, J.M. 76131
Harrington, D. *see* Owen, G. 74773
Harrington, F. *see* Pohida, T.J. 87036
Harrington, J.A. *see* Abel, T. 72298
Harrington, J.A. *see* Abel, T. 72370
Harrington, J.A. *see* Kozodoy, R.L. 94091
Harrington, J.A. *see* Matsuura, Y. 94132
Harrington, J.C. *see* Das, I.J. 67651
Harrington, R.F. *see* Bazdar, M.B. 73412
Harrington, R.F. *see* Rahhal-Arabi, A. 73218

Harrington, R.J., Kocic, A., Niazi, M.A.K. Planning for the reliable operation of a power system (developing countries perspective) 89175
Harrington, S. *see* Stevens, J. 99996
Harriott, L.R. Vacuum lithography for three-dimensional structure fabrication in III-V semiconductors using focused electron and ion beams 55845
Harriott, L.R., Cotta, M.A., Temkin, H., Hamm, R.A., Feygenson, A., Ritter, D., Wang, Y.L. Multichamber processing for optoelectronics 91455
Harriott, L.R. *see* Hans, L. 81722
Harriott, L.R. *see* Hull, R. 83124
Harriott, L.R. *see* Loschner, H. 62601
Harris, A.I., Schuster, K.-F., Genzel, R., Plathner, B., Gundlach, K.-H. FANATIC: an SIS radiometer for radio astronomy from 660 to 695 GHz 97505
Harris, A.J.K. *see* Somers, M.L. 99287
Harris, A.V. The UK technical and regulatory framework established for analogue Multipoint Video Distribution Systems at 40 GHz 97553
Harris, B., Gath, I., Rondouin, G., Feuerstein, C. On time delay estimation of epileptic EEG 88487
Harris, B. *see* Davies, C.E. 66760
Harris, C. *see* Brons, M. 75280
Harris, C. *see* Furjanic, I. 52205
Harris, C.J. *see* Doyle, R.S. 88652
Harris, C.J. *see* Kapadoukas, G.G. 88646
Harris, C.J. *see* Moore, C.G. 52621
Harris, C.T. *see* Bozler, C.O. 62041
Harris, C.T. *see* Goodhue, W.D. 62047
Harris, D. Knowledge based support for the measurement system designer 75858
Harris, D., Kohl, P.A., Winnick, J. Photoelectrochemical etching of InAs 55552
Harris, D.J. *see* Hu Chi 73471
Harris, D.O., Throckmorton, R.A. Azimuthal dependence of modal interference in closely spaced single-mode fiber joints 94077
Harris, D.W. Photovoltaic/regenerative fuel cell system performance for Mars surface 99101
Harris, F. On the design of pre-equalized square-root raised cosine matched filters for DSP based digital receivers 92415
Harris, F., Caulfield, B., McKnight, B. Use of allpass networks to tune the center frequency of sigma delta modulators 92330
Harris, F.W. *see* Hubbard, S.F. 73065
Harris, G., Forster, J., Rankin, R. Basic blocks in unconstrained crossword puzzles 48754
Harris, G. *see* Purdin, T.D.M. 48755
Harris, G. *see* Rankin, R. 48825
Harris, G. *see* Sanganeria, M.K. 93243
Harris, G.F. *see* Robinson, C.J. 67448
Harris, I.G., Orailoglu, A. Fine-grained concurrency in test scheduling for partial-intrusion BIST 49219
Harris, I.G., Orailoglu, A. SYNCBIST: SYNthesis for concurrent built-in self-testability 92024
Harris, I.G., Orailoglu, A. Microarchitectural synthesis of VLSI designs with high test concurrency 92105
Harris, I.R. *see* Ahmed, F.M. 72015
Harris, I.R. *see* Ahmed, F.M. 82249
Harris, I.R. *see* Fujita, A. 50193
Harris, I.R. *see* Fujita, A. 72026
Harris, I.R. *see* Gutfleisch, O. 50214
Harris, I.R. *see* Gutfleisch, O. 72018
Harris, I.R. *see* McGuiness, P.J. 56204
Harris, I.R. *see* Moze, O. 72033
Harris, I.R. *see* Saje, B. 72022
Harris, I.R. *see* Verdier, M. 71949
Harris, J. *see* Huang, Y.C. 53114
Harris, J.D., Nelson, D. Glottal pulse alignment in voiced speech for pitch determination 84083
Harris, J.J. *see* Leadley, D.R. 81280
Harris, J.J. *see* O'Neill, D.J.C. 81321
Harris, J.M. *see* Daher, J.K. 83721
Harris, J.M. *see* Daher, J.K. 83722
Harris, J.S. *see* Goorsky, M.S. 54837
Harris, J.S., Jr. *see* Carnahan, R.E. 55865
Harris, J.S., Jr. *see* Carnahan, R.E. 62263
Harris, J.S., Jr. *see* Chui, H.C. 54834
Harris, J.S., Jr. *see* Chui, H.C. 63993
Harris, J.S., Jr. *see* Guo-Gang Zhou 56041
Harris, J.S., Jr. *see* Knall, J. 81300
Harris, J.S., Jr. *see* Martinet, E.L. 94604
Harris, J.S., Jr. *see* Miller, D.J. 55620
Harris, J.S., Jr. *see* Sam-Dong Kim 69946
Harris, J.S., Jr. *see* van der Wagt, J.P.A. 54882
Harris, J.S., Jr. *see* Weckwerth, M.V. 55655
Harris, J.W. *see* Gong, W.G. 88119
Harris, K. *see* Koontz, R.F. 68755
Harris, L.J. *see* Hong Liu 76959
Harris, L.J. *see* Hong Liu 88433
Harris, L.J. *see* Karellas, A. 59297
Harris, M., Pearson, G.N., Hill, C.A., Vaughan, J.M. Higher moments of scattered light fields by heterodyne analysis 97442
Harris, M., Pearson, G.N., Vaughan, J.M. Electrical method of spectral filtering within the Schawlow-Townes laser linewidth 94565
Harris, M. *see* Morley, R.J. 65931
Harris, M.B., Kelley, A.W., Rhode, J.P., Baran, M.E. Instrumentation for measurement of line impedance 68332
Harris, M.D.S. *see* Woodward, M.E. 65032
Harris, M.R. Education for power engineers 69437
Harris, M.R., Stoll, R.L., Sykulski, J.K. Generic field problems in design studies of high temperature superconducting transformers 54052
Harris, N.D. *see* Campbell, J.H. 67585
Harris, N.W., Weiss, J.A., Lax, B., Dionne, G.F. The quasi-optical ferrite reflection circulator: microwave performance and applications 80598
Harris, P.D., Andrews, M.K. A miniature dew-point hygrometer based on capacitance measurement 87094
Harris, R. *see* Pham, D. 92287
Harris, R.L. *see* Yuan-Liang Tang 67676
Harris, R.L., Sr. *see* Robertson, J.B. 77150
Harris, R.M. Coherent frequency exchange keying helps to overcome the 'near-far' effect in mobile satellite communications 52452
Harris, T.J. *see* Mir, J.A. 67308
Harris, V.E., Watchers, J.G. DMC closed-loop air knife control for galvanizing lines 69264
Harris, W.S., Ngo, K.D.T. Operation and design of a switched-capacitor DC-DC converter with improved power rating 61522
Harrison, A.I. Breaking new ground in standards for VRLA standby batteries 60416
Harrison, A.J., Flatt, D., Palin, R.I.R. Development of a self-contained acoustic Doppler current profiler incorporating a digital signal processor 99288
Harrison, D.D. *see* Hershey, J.E. 59529
Harrison, D.J., Carroll, C.F. Development of TeleWest's broadband network architecture 97668
Harrison, D.J. *see* Bowler, J.R. 70192
Harrison, D.K. *see* Cheshire, D.G. 54466
Harrison, G.H., Balcer-Kubiczek, E.K., Linder, J.A.F., Gutierrez, P.L. Free radical activity and enhancement of chemotherapy by low-level ultrasound 98934
Harrison, G.R. *see* Vaughn, J.T. 82295
Harrison, H.B. *see* Sitte, R. 55965
Harrison, I. *see* Munu, M. 75603
Harrison, J. *see* Baji, T. 70655
Harrison, J.C., Talke, F.E. Combined tuned and constrained layer damping of a Type 13 magnetic recording head suspension 50373
Harrison, K. *see* Srivastava, A.K. 53176
Harrison, K.A., Antaya, T.A. Initial emittance measurements of the superconducting electron cyclotron resonance at NSCL 53177
Harrison, K.R. *see* Haynor, D.R. 98839
Harrison, K.R. *see* Mullins, J.H. 53580
Harrison, L., Michalsky, J., Berndt, J. Automated multifilter rotating shadow-band radiometer: an instrument for optical depth and radiation measurements 88764
Harrison, L. *see* Lawler, B. 66469
Harrison, L. *see* Lawler, W. 66465
Harrison, L. *see* Levine, P.A. 66466
Harrison, P. *see* Ayliffe, P. 72646
Harrison, P. *see* Hagston, W.E. 55600
Harrison, P. *see* Stirner, T. 55601
Harrison, R.A. *see* Moore, V. 66008
Harrison, R.G., Le Polozec, X. Nonsquarelaw behavior of diode detectors analyzed by the Ritz-Galerkin method 61925
Harrison, R.G. *see* Bhadani, P.K. 72972
Harrison, R.G. *see* De Jin Yu 63373
Harrison, R.G. *see* Dindo, S.F. 83457
Harrison, R.G. *see* Krishnamurthi, K. 80698
Harrison, R.L., Haynor, D.R., Vannoy, S.D., Kaplan, M.S., Lewellen, T.K. Continuing investigations of scatter in PET: the effects of collimation and heterogeneous attenuation 98837
Harrison, R.L., Vannoy, S.D., Haynor, D.R., Gillispie, S.B., Kaplan, M.S., Lewellen, T.K. Preliminary experience with the photon history generator module of a public-domain simulation system for emission tomography 98838
Harrison, R.L. *see* Haynor, D.R. 59312
Harrison, R.L. *see* Kaplan, M.S. 98834
Harrison, S. *see* Ross, J. 94013
Harrison, S.R. *see* Minneman, S.L. 58236
Harrison, T., Richardson, B. The energy saving amorphous core transformer 89219
Harrison, T.P. *see* Pardalos, P.M. 61128
Harrison-Surgeon, A.C. Video dialtone access to multimedia 96386
Harriss, J.E. *see* Wait, M.A. 62379
Harrisson, W.A., Cushing, K.M., Chang, R.L. Pilot scale demonstration of a compact hybrid particulate collector COHPAC II 89597
Harrod, W.L. *see* Sharma, S.P. 48711
Harrold, S.O. *see* Yip, R.K.K. 95820
Harsanyi, G., Peteri, I., Deak, I. Low cost ceramic sensors for biomedical use: a revolution in transcutaneous blood oxygen monitoring? 59258
Harsanyi, G. *see* Csaszar, C. 66187
Harsanyi, G. *see* Keresztes-Nagy, Z. 82668
Harsanyi, G. *see* Percsi, L. 82893
Harsanyi, J.C., Chang, C.-I. Hyperspectral image classification and dimensionality reduction: an orthogonal subspace projection approach 77322
Harsch, W.C. *see* Boone, J.L. 48897
Harsch, W.C. *see* Eason, D.B. 72622
Harsh, W.C. *see* Ren, J. 56569
Harshbarger, J.H., Melnick, W. Rapid performance evaluation of electronic cockpit instruments 77164
Harshe, G. *see* Avellaneda, M. 82236
Harshman, P. Increasing flexibility and performance in optical networks. Integrating DFBs and YAGs 86761
Harsono, S., Lachab, M., Attia, A., Guastavino, F., Llinares, D. Effect of annealing in a selenium atmosphere on the properties of flash evaporated $CuInSe_2$ polycrystalline thin films 81258
Harst, H.van der *see* van der Harst, H.
Hart, A. *see* Dean, C. 50228
Hart, A. *see* Walmsley, N.S. 50263
Hart, B. MBA—menopausal brain activity? 48593
Hart, B. HV overhead line—the Scandinavian experience 68266
Hart, B.L. *see* Petropoulos, H. 74420
Hart, D.Arcy *see* Arcy Hart, D.
Hart, D.G. *see* Apostolov, A.P. 89034
Hart, E.L. *see* Kitagaki, T. 76811
Hart, F.R. *see* Zweig, J.L. 98341
Hart, F.X. *see* Bodakian, B. 50112
Hart, G.C. *see* Ibbett, D.A. 76974
Hart, G.W. To decode short cryptograms 95158
Hart, G.W., Kelekar, S.G. Automated repair of complex systems by fault compensation 74851
Hart, G.W. *see* Labourdette, J.-F.P. 97354
Hart, H.I. Nigeria's first experience of large-scale steam-turbine generation of power 60098
Hart, J. *see* Anderson, B.E. 88246
Hart, J.A. Policies toward advanced display in the Clinton Administration 66606
Hart, J.L. *see* El-Keib, A.A. 77959
Hart, P. Voice-activated services move into the mainstream 96532
Hart, P. *see* Anderson, B.E. 88246
Hart, R. *see* Wu, Y. 87694
Hart, R.A. *see* Mueller, E.R. 63675
Hart, R.C., Li You, Gallagher, A., Cooper, J. Failures of the four-wave mixing model for cone emission 83335
Hart, R.T. *see* Ahuja, G.S. 53631
Hart, S.M. *see* Ho, T.Q. 92503
Hart, T.R. *see* Weir, B.E. 71086
Hart, T.T. *see* Beauchamp, W.T. 100755
Hart, W.F. Can your dielectric withstand the test? 60913
Hart-Davis, A. *see* Graham, T. 86796
Hartana, R.K. *see* Walling, R.A. 68199
Hartana, R.K. *see* Walling, R.A. 90084
Hartanto, F., Sirisena, H.R. A framework for B-ISDN CPE and signalling 75094
Hartemann, F.V., Le Sage, G.P., McDermott, D.B., Luhmann, N.C., Jr. Coherent synchrotron radiation in a cylindrical waveguide with a helical wiggler 64100
Hartemann, F.V. *see* Leou, K.C. 92902
Hartemann, P. *see* Mage, J.C. 82321
Harten, P.A., Gruhler, U., Osborne, R., Trouve, B. Photonic packet processor using a new correlation technique 86415
Hartenhaler, H., Hetzer, D., Butscher, B. BALI — integration of inhouse ATM and local/wide area networks: An ideal base for multimedia teleservices 65386
Hartenthaler, H. *see* Butscher, B. 85698
Harter, D. *see* Galvanauskas, A. 72747
Harter, D. *see* Galvanauskas, A. 82977
Harteveld, A. Polarisation sensitivity in single-mode OTDRs 94125
Harteveld, J.L.N. *see* Nieuwenhuizen, M.S. 66547
Harteveld, J.L.N. *see* Nieuwenhuizen, M.S. 87019
Hartford, E.H., Jr. *see* Hellman, E.S. 54858
Hartford, T.J. *see* Silver, M.D. 59239
Hartfuss, H.J., Estrada, T., Hirsch, M., Geist, T., Sanchez, J. Broadband heterodyne reflectometer at the W7-AS stellarator 76173
Harth, W. *see* Bauer, T. 70902
Harth, W. *see* Ostermeir, R. 63603
Hartig, C. *see* Rinke, G. 66132
Hartig, W. *see* Wagner, H.-J. 66182
Hartigan, P.F. Dynamic link allocation in integrated satellite/terrestrial communications networks 52455
Hartikainen, J. *see* Lehtiniemi, R. 61443
Hartimo, I. *see* Laakso, T. 49557
Hartimo, I. *see* Wang, L. 84579
Hartimo, I. *see* Wang, L. 92303
Hartinger, E., Rebhan, W., Thiere, H. Double reflector antenna with annular focal region and conventional or coaxial corrugated horn 57245
Hartings, R. Electric fields along a post insulator: AC-measurements and calculations 68280
Hartings, R. The AC-behavior of a hydrophilic and hydrophobic post insulator during rain 78179
Hartings, R. *see* Eklund, A. 89340
Hartings, R. *see* Hager, M. 89339
Hartiti, B., Slaoui, A., Muller, J.C., Siffert, P., Schindler, R., Reis, I., Wagner, B., Eyer, A. Multicrystalline silicon solar cells processed by rapid thermal processing 100642
Hartiti, B. *see* Schindler, R. 100630
Hartjes, F.G. *see* van den Berg, F.D. 98523
Hartl, P. *see* Banerjee, P. 97750
Hartland, A., Kibble, K.P., Bohacek, J. AC measurements of the quantized Hall resistance 86852

Hartlein, R.A., Harper, V.S., Ng, H. Effects of voltage surges on extruded dielectric cable life project update 68237
Hartley, D.A. *see* Kshirsagar, S.P. 66158
Hartley, R., Casavant, A.E. Optimizing pipelined networks of associative and commutative operators 91964
Hartley, R., Gupta, R. Computing matched-epipolar projections 96033
Hartley, R. *see* Krishnaswamy, J. 63872
Hartley, R.H. *see* Siliquini, J.F. 72612
Hartley, R.I. Euclidean reconstruction from uncalibrated views 74619
Hartley, R.I. Projective reconstruction from line correspondences 84700
Hartley, R.I. Projective reconstruction and invariants from multiple images 95722
Hartlieb, C., Wenig, E. Concentrators get switching 52079
Hartman, A.D. *see* King, P.E. 90646
Hartman, D.H. Optical interconnects at the multichip module level; a view from the system level 94311
Hartman, R.L., Mackie, W.A., Davis, P.R. Use of boundary element methods in field emission computations 62054
Hartman, R.L. *see* Mackie, W.A. 62052
Hartman, S. *see* Davis, P. 76744
Hartman, S. *see* Hairapetian, G. 76749
Hartman, S. *see* Mussman, H. 75424
Hartman, S. *see* Rosenzweig, J. 87702
Hartman, S. *see* Zhang, R. 66795
Hartman, S.C., Barov, N., Park, S., Pellegrini, C., Rosenzweig, J., Travish, G., Zhang, R., Davis, P., Joshi, C., Hairapetian, G. Emittance measurements of the 4.5 MeV UCLA RF photoinjector 66998
Hartman, S.C. *see* Pellegrini, C. 76425
Hartman, Ya.M. *see* Tarazona, E. 67412
Hartmann, B., Wollnik, H. Third-order particle motion through the fringing field of a homogeneous bending magnet 53133
Hartmann, B. *see* Einfeld, D. 59217
Hartmann, B. *see* Einfeld, D. 66834
Hartmann, C.S. *see* Abbott, B.P. 99321
Hartmann, C.S. *see* Plessky, V.P. 93838
Hartmann, C.S. *see* Shen Jen 99320
Hartmann, E. *see* Enachescu, M. 49889
Hartmann, E. *see* Enachescu, M. 71072
Hartmann, F.J. *see* Muller, W. 98421
Hartmann, G.C. *see* Acquaviva, T. 69286
Hartmann, G.C. *see* Acquaviva, T. 79038
Hartmann, H., Siche, D. ZnSe single crystal growth by the method of dissociative sublimation 69912
Hartmann, H. *see* Bock, B. 53325
Hartmann, H. *see* Eisenmann, H. 81715
Hartmann, H. *see* Englmaier, A. 61470
Hartmann, H. *see* Krause, E. 61376
Hartmann, H.L. *see* Zhigang Zhang 57961
Hartmann, I. *see* Ren, Z. 64551
Hartmann, I. *see* Troscher, M. 93530
Hartmann, J., Auge, J., Hauptmann, P. Using the quartz crystal microbalance principle for gas detection with reversible and irreversible sensors 66535
Hartmann, M.J. Spreadsheet program for DC load flow problems 89201
Hartmann, M.J. Battery terminal voltage calculations 89760
Hartmann, M.J., McCarthy, G.P. Computerised DC (battery) load flow calculations 67983
Hartmann, O. Floating gas-turbine power station with an underwater compressed-air reservoir 99949
Hartmann, Q.J. *see* Gardner, N.F. 54899
Hartmann, Q.J. *see* Gardner, N.F. 70010
Hartmann, Q.J. *see* Stockman, S.A. 49974
Hartmann, T., Glaunsinger, W. Transport of primary energy versus long distance electricity transmission 77985
Hartmann, U. *see* Hermansen, K. 98971
Hartmann, U. *see* Sorensen, H.B.D. 73817
Hartmann, W., Eberhardt, H.D. A universal air cooling system for the new generation of VEM DC main drive 60509
Hartmann, W.J.A.M. *see* van Haaren, J.A.M.M. 53001
Hartmann, Z. *see* Ren, Z. 95462
Hartnagel, H.L. Microwave tunneling structures based on 2-dimensional-electron-gas devices 80726
Hartnagel, H.L. *see* Beilenhoff, K. 92599
Hartnagel, H.L. *see* Bock, K. 55821
Hartnagel, H.L. *see* Horn, J. 81558
Hartnagel, H.L. *see* Krozer, V. 92533
Hartnagel, H.L. *see* Miao, J. 81462
Hartnagel, H.L. *see* Micheel, L.J. 55244
Hartnagel, H.L. *see* Schweeger, G. 75960
Hartog, D.J.Den *see* Den Hartog, D.J.
Hartog, J.Den *see* Den Hartog, J.
Hartog, P.Den *see* Den Hartog, P.
Hartojo, K.V. *see* Guckel, H. 60262
Harton, P.L. *see* Chau Pham 65892
Harton, P.L. *see* Pham, C. 99069
Hartouni, E.P. *see* Christian, D.C. 59094
Hartranft, M. *see* Helm, M. 71799
Hartsell, M.L., Plano, L.S. Growth of diamond films on copper 79847
Hartsell, M.L., Wynands, H.A., Fox, B.A. Characterization of rectifying contacts on natural type IIb diamond 71242
Hartshorn, D. *see* Rocca, J.J. 50736
Hartshorn, D. *see* Rocca, J.J. 94330
Hartsock, D.C. *see* Reising, J.M. 77158
Hartsough, N.E., Barrett, H.H., Barber, H.B., Woolfenden, J.M. Intraoperative tumor detection: relative performance of single-element, dual-element and imaging probes with various collimators 98842
Hartsough, N.E. *see* Barber, H.B. 59302
Hartsough, N.E. *see* Matherson, K.J. 98844
Hartt, J.R. *see* Falkenberg, W.H. 65959
Hartung, E.C. Fabricated aluminum rotor construction for induction motors 78635
Hartung, J. *see* Zhang, J. 91492
Hartung, K.-H. *see* Dreimann, E. 60388
Hartung, U. *see* Kreyssig, A. 98515
Hartung, W., Akai, K., DeFord, J., Hays, T., Kirchgessner, J., Metzger, D., Moffat, D., Padamsee, H., Rubin, D., Tigner, M., Tribenis, A., Veshcherevich, V. The interaction of a beam with a beam line higher-order mode absorber 87731
Hartung, W., Haebel, E. In search of trapped modes in the single-cell cavity prototype for CESR-B 67097
Hartung, W. *see* Kirchgessner, J. 67105
Hartwell, F.P. The 1996 NEC: the 100 most important proposed revisions 90765
Hartwell, F.P. *see* Stallcup, J.G. 78704
Hartwell, H. *see* Antebi, J. 66012
Hartwig, S. The influence of interlacing on source coding efficiency and motion estimation 95814
Hartzog, S., Smith, G.D., Humble, L.E., Chapman, R.N., Hoelscher, J.F. A PV-diesel hybrid system for an operational Navy facility on San Clemente Island 100000
Haruguchi, H. *see* Yamashita, J. 55969
Harui, M. *see* Nakamura, M. 75786
Haruna, M., Kato, T., Yasuda, K., Nishihara, H. Laser beam periodic-dot writing for fabrication of Ti:$LiNbO_3$ waveguide wavelength filters 50521
Haruna, M., Nishihara, H. Laser-beam writing for integrated-optic devices in Ti:$LiNbO_3$ 63459
Haruna, M., Tsutsumi, J., Segawa, Y., Nishihara, H. Epitaxial growth of $LiNbO_3$ optical-waveguide films by excimer laser ablation 61262
Haruta, K. *see* Kinoshita, K. 52154
Haruyama, J., Ohno, Y., Katano, H., Nashimoto, Y. Kink effect related to the self-side-gating effect in GaAs MESFET's 93495
Haruyama, T., Araoka, O., Doi, Y., Kasami, K., Kimura, N., Kondo, T., Kondo, Y., Makida, Y., Suzuki, S., Tanaka, K., Yamamoto, A. Cryogenic characteristics of a large thin superconducting solenoidal magnet cooled by forced two-phase helium 94010
Haruyama, T. *see* Nojiri, H. 83575
Haruyama, T. *see* Tsuchiya, K. 76346
Harvey, A.B. NSF's role in optical information processing (lightwave technology, photonics, optoelectronics, optical communications, and optical computing) 51645
Harvey, A.J. *see* Bangert, U. 81308
Harvey, A.R., Smith, G.M., Lesurf, J.C.G. Phase noise measurements of a D-band backward wave oscillator 81153
Harvey, B.A., Wicker, S.B. Packet combining systems based on the Viterbi decoder 57363
Harvey, C.C. *see* Dobrowolny, M. 88635
Harvey, D.M. *see* Kshirsagar, S.P. 66158
Harvey, G.T. *see* Froberg, N.M. 97318
Harvey, J.D., Dudley, J.M., Curley, P.F., Spielmann, C., Krausz, F. Coherent effects in a self-mode-locked Ti:sapphire laser 63755
Harvey, J.D. *see* Leonhardt, R. 72755
Harvey, J.R., Portal, G. Quantities in radiation protection, functions and roles 88591
Harvey, P.C. *see* Marchand, P.J. 56323
Harvey, R., Thompson, D. A three-term controller for an induction heater 100947
Harvey, R.W., Nevins, W.M., Smith, G.R. Electron cyclotron current drive for ITER 83829
Harvey, S.M. *see* Wong, P.S. 78759
Harvey, T.E. *see* Reintsema, C.D. 93949
Harvey, T.G. *see* Wang, C.H. 72453
Harward, M. *see* Golshan, K. 55764
Harwin, W. *see* Ouerfelli, M. 53476
Harwit, A. *see* Fernandez, R. 54835
Harwood, L., Karn, J. Measured field performance of CEBAF beam transport magnets 87782
Hary, S., Mckeeman, J., Van Cleave, D. Evaluation of infrared missile warning algorithm suites 59641
Hary, S. *see* Carter, J. 88665
Hasama, T. Pulse-width dependence of saturation energy of XeCl amplifier 50748
Hasama, T. Operational characteristics of a wide-aperture X-ray preionized capacitor-transfer-type XeCl laser 82951
Hasan, A.R., Martis, T.S., Ula, A.H.M.S. Design and implementation of a fuzzy controller based automatic voltage regulator for a synchronous generator 89916
Hasan, A.R. *see* Govind, N. 90021
Hasan, A.T. *see* Farrar, K.A. 67396
Hasan, K., Ramsay, B., Moyes, I. Object oriented expert systems for real-time power system alarm processing. I. Selection of a toolkit 89145
Hasan, K., Ramsay, B., Moyes, I. Object oriented expert systems for real-time power system alarm processing. II. Application of a toolkit 89146
Hasan, M.-A. *see* Bramblett, T.R. 79790
Hasan, M.A. An architecture for a universal Reed-Solomon encoder using a triangular basis multiplication algorithm 95220
Hasan, M.A., Lee, J.C., Bhargava, V.K. A narrowband interference canceller with an adjustable center weight 52334
Hasan, M.K., Yahagi, T., Henriques, M.A.A. An approach to ARMA model identification from noise corrupted output measurements 64458
Hasan, M.K. *see* Yahagi, T. 64565
Hasan, M.Z. *see* Consens, M.P. 96461
Hasan, P. Multiple cochannel interference effects in a first-order phase-locked loop 61614
Hasan, P. On the phase error variance of a first-order phase-locked loop in the presence of cochannel CW interference and additive noise 91950
Hasan, S.M.R., Ng Kang Siong VLSI BAM chip 70813
Hascher, W. Measurement technology: into the future with systems 52756
Hascher, W. Material recycling in a semiconductor company 60938
Hascher, W. Measurements by means of Personal Computers. II. Standardisation of virtual instruments 66128
Hascher, W. EMC: a market gets started. Ever increasing hardware, software, and service capability on offer 73385
Hascicek, Y.S., Gabor, S., Shoaff, P.J., Jr., Weijers, H.W., Van Sciver, S.W., Haldar, P., Hoehn, J.G., Jr., Motowidlo, L.R. Characterization of BSCCO/Ag tapes and magnets 82448
Hascicek, Y.S. *see* Skirius, S.A. 61421
Hascik, S., Harniakova, A., Huran, J. Silicon trench etching in a multi-frequency discharge reactor 93236
Hase, A., Gibis, A.R., Kunzel, H., Griebenow, U. In situ native oxide removal from AlGaInAs surfaces by hydrogen radical treatment for molecular beam epitaxy regrowth 81506
Hase, A., Kaden, C., Kovac, H., Hofsass, V., Schmidt, H., Kunzel, H., Schweizer, H. Gain coupled AlGaInAs/GaInAs DFB-lasers utilizing gratings by masked implantation enhanced intermixing 56790
Hase, A., Kunzel, H., Zahn, D.R.T., Richter, W. Assessment of clustering induced internal strain in AlInAs on InP grown by molecular beam epitaxy 79794
Hase, A. *see* Kunzel, H. 56023
Hase, H., Shoji, R., Wakamiya, M. Torque sensor using amorphous magnetostrictive ribbons 66296
Hase, I. *see* Nomoto, K. 81779
Hase, K. *see* Kimura, H. 70772
Hase, T. Two dimensional modulation transfer function of luminance on display images with a mosaic pixel structure 66615
Hase, T., Egi, T., Shibutani, K., Hayashi, S., Ogawa, R., Kawate, Y. A.C. losses in Bi-2212 superconducting magnet at 20 K 63328
Hase, T., Hirata, K., Amanuma, K., Hosokawa, N., Miyasaka, Y. Preparation of Pb(Zr,Ti)O_3 thin films by multitarget sputtering 91553
Hase, T. *see* Amanuma, K. 93712
Hase, T. *see* Shibutani, K. 63326
Haseba, K., Suzuki, A., Fukui, K., Hayashi, M. Real-time compositing system of a real camera image and a computer graphic image 97628
Hasebe, K. *see* Trehan, R. 58194
Hasebe, M. *see* Sakamoto, Y. 78796
Hasebe, N., Mishima, Y., Fujiki, K., Fujii, M., Doke, T., Kikuchi, J., Hayashi, T., Itsumi, K., Shino, T., Ito, T., Takashima, T., Yanagimachi, T., Nakamoto, A., Murakami, H., Nagata, K., Kohno, T. Cosmic ray and solar energetic particle observation by the HEP telescopes onboard the GEOTAIL satellite 59057
Hasebe, N. *see* Hayashi, T. 87956
Hasebe, N. *see* Nagata, K. 59058
Hasebe, T. *see* Hata, F. 82436
Hasebe, T. *see* Watanabe, K. 94008
Hasegama, Y. *see* Kyushima, H. 92908
Hasegawa, A. *see* Hayashi, T. 71111
Hasegawa, A. *see* Matsumoto, M. 73056
Hasegawa, A. *see* Ohhira, R. 86423
Hasegawa, A. *see* Omatsu, T. 94658
Hasegawa, A. *see* Shibata, H. 77741
Hasegawa, B.H. *see* Brown, J.K. 59308
Hasegawa, E. *see* Hisamune, Y.S. 92186
Hasegawa, E. *see* Kanamori, K. 92205
Hasegawa, E. *see* Nakano, K. 81629
Hasegawa, E. *see* Saitoh, G. 82746
Hasegawa, F. *see* Ishikura, K. 54869
Hasegawa, F. *see* Kumagai, Y. 69957
Hasegawa, F. *see* Tsuchiya, H. 54864
Hasegawa, H. A method of verifying a switching SDL specification by utilizing Petri nets 75151
Hasegawa, H., Inoue, A. Parallel event processing for circuit-switched telecommunication network simulation 74817

Hasegawa, H., Yotsuyanagi, M., Yamaguchi, M., Sone, K. A 1.5 V video-speed current-mode current-tree A/D converter 70703
Hasegawa, H. *see* Fujii, M. 88202
Hasegawa, H. *see* Kasai, S. 55653
Hasegawa, H. *see* Nagaishi, H. 82393
Hasegawa, H. *see* Saitoh, T. 94251
Hasegawa, H. *see* Xie, Y.-G. 81892
Hasegawa, H. *see* Yang, B.X. 54931
Hasegawa, I. *see* Fukami, K. 77458
Hasegawa, I. *see* Hamada, H. 93367
Hasegawa, I. *see* Uchiki, H. 70053
Hasegawa, J. *see* Gibson, G. 68431
Hasegawa, J. *see* Gibson, G. 78363
Hasegawa, J. *see* Guo, B. 59796
Hasegawa, J. *see* Kita, H. 68136
Hasegawa, J. *see* Nakajima, T. 52348
Hasegawa, J. *see* Oda, N. 67522
Hasegawa, J.-I. *see* Shimizu, A. 84922
Hasegawa, K., Inagawa, K., Koshiba, M. A solution method based on the coupled-mode theory for natural single-phase unidirectional SAW-transducers 71922
Hasegawa, K., Ohnishi, M., Oshitani, M., Takeshima, K., Matsumaru, Y., Tamura, K. Nickel-metal hydride battery 78797
Hasegawa, K., Ohno, H. Equivalent transform of C/E system based on S-invariant 54692
Hasegawa, K., Sugiura, H., Mochiki, K., Takahashi, H., Hayakawa, Y., Inada, T. A proton profile monitor using an amorphous silicon photodiode array 88535
Hasegawa, K., Tanaka, T., Wakisaka, S., Wada, H., Hayashi, S. Architecture of high speed pipelined outline font processor 80395
Hasegawa, K. *see* Abe, K. 88115
Hasegawa, K. *see* Antilogus, P. 59064
Hasegawa, K. *see* Antilogus, P. 59127
Hasegawa, K. *see* Arakawa, F. 70667
Hasegawa, K. *see* Hoshi, Y. 88113
Hasegawa, K. *see* Kikuchi, N. 75148
Hasegawa, K. *see* Masuda, K. 67337
Hasegawa, K. *see* Nakahira, H. 80529
Hasegawa, K. *see* Nakamura, S. 62966
Hasegawa, K. *see* Okada, Y. 68009
Hasegawa, K. *see* Sakamoto, M. 59077
Hasegawa, K. *see* Tsujino, J. 77752
Hasegawa, K. *see* Tsujino, J. 99373
Hasegawa, K.-i. *see* Takahashi, H. 59377
Hasegawa, K.A.K. *see* Oyama, K. 98567
Hasegawa, M., Taira, H., Harada, T., Aoki, S., Ninomiya, K. Fabrication of Wolter-type X-ray focusing mirror using epoxy resin 88338
Hasegawa, M. *see* Ikuta, S. 63657
Hasegawa, M. *see* Matsukawa, M. 90104
Hasegawa, M. *see* Ninomiya, K. 59221
Hasegawa, M. *see* Sakuno, K. 80785
Hasegawa, M. *see* Toda, A. 74388
Hasegawa, M. *see* Yamasaki, I. 57633
Hasegawa, O., Fujiki, M., Ishizuka, M. Real time interaction with realistic virtual goldfishes based on finger sign recognition 96004
Hasegawa, S. *see* Hane, M. 49847
Hasegawa, S. *see* Kitagawa, M. 93436
Hasegawa, S. *see* Nonomura, S. 100604
Hasegawa, T., Atsuki, K., Li, K., Yamashita, E. An analysis of striplines with trapezoidal conductor cross sections 83783
Hasegawa, T., Kohno, M., Hosaka, S., Hosoki, S. Dynamic observation of silicon homoepitaxial growth by high-temperature scanning tunneling microscopy 69955
Hasegawa, T., Kohno, M., Hosoki, S. Initial stage of oxygen adsorption onto a Si(111)-7×7 surface studied by scanning tunneling microscopy 81467
Hasegawa, T. *see* Aiai, H. 91774
Hasegawa, T. *see* Arai, H. 61461
Hasegawa, T. *see* Hanawa, M. 73893
Hasegawa, T. *see* Kubota, T. 99708
Hasegawa, T. *see* Misawa, Z. 97646
Hasegawa, T. *see* Miyajima, T. 86110
Hasegawa, T. *see* Nitta, T. 82428
Hasegawa, T. *see* Ogiwara, H. 89303
Hasegawa, T. *see* Seki, T. 60560
Hasegawa, T. *see* Shiratake, S. 70528
Hasegawa, T. *see* Takine, T. 58217
Hasegawa, T. *see* Takine, T. 65009
Hasegawa, T. *see* Takine, T. 74684
Hasegawa, Y., Egawa, T., Jimbo, T., Umeno, M. First fabrication of low-threshold AlGaAs/GaAs patterned quantum wells laser grown on Si substrate 63762
Hasegawa, Y., Ichikawa, Y., Katsukawa, H., Tanaka, N., Sakurai, Y. Development of a new type of optical transducer for measuring fault current 78247
Hasegawa, Y., Izumi, K., Kobayashi, A., Wakabayashi, S., Murase, H., Akazaki, M., Menju, S. Investigation on phenomena caused by insulation abnormalities in actual GIS 68897
Hasegawa, Y. *see* Abe, K. 88115
Hasegawa, Y. *see* Egawa, T. 72846
Hasegawa, Y. *see* Kyushima, H. 81159
Hasegawa, Y. *see* Kyushima, H. 98704
Hasegawa, Y. *see* Masuda, K. 67337
Haselbeck, S. *see* Schwider, J. 50543
Hasemi, M. *see* Suzuki, T. 70037
Hasenack, C.M. *see* Lopes, M.C.V. 62325
Hasenberg, T.C., Koehler, S.D., Yap, D., Kost, A., Garmire, E.M. All-binary InAs/GaAs optical waveguide phase modulator at 1.06 μm 94189
Hasenberg, T.C. *see* Ferro, R.J. 62669
Hasenkam, J.M. *see* Nygaard, H. 77065
Hasenpusch, H. *see* Michalik, W. 60214
Haseroth, H. *see* Baglin, V. 76380
Haseroth, H. *see* Mroz, W. 53219
Haseyama, M., Nagai, N., Kitajima, H. Relation between RLS and ARMA lattice filter realization algorithm and its application 64564
Haseyama, M. *see* Kimura, Y. 85142
Hashemi, H., Gang Yun, Kavehrad, M., Behbahani, F., Galko, P.A. Indoor propagation measurements at infrared frequencies for wireless local area networks applications 75039
Hashemi, H., McGuire, M., Vlasschaert, T., Tholl, D. Measurements and modeling of temporal variations of the indoor radio propagation channel 73359
Hashemi, H., Olla, M., Cobb, D., Sandborn, P., McShane, M., Hawkins, G., Lin, P. A mixed solder grid array and peripheral leaded MCM package 91061
Hashemi, H., Olla, M., Spooner, C., Walshak, D. Enabling technologies for low-count chip packaging 69558
Hashemi, H., Tholl, D. Statistical modeling and simulation of the RMS delay spread of indoor radio propagation channels 51111
Hashemi, H. *see* Hassanzadeh, S. 75253
Hashemi, H. *see* Sandborn, P.A. 79317
Hashemi, H. *see* Sandborn, P.A. 90973
Hashemi, H. *see* Stauffer, P.R. 53447
Hashemi, M.H. *see* Nguyen, N.X. 62905
Hashemi, M.M., Shealy, J.B., DenBaars, S.P., Mishra, U.K. High performance heterojunction InGaAs/InP JFET grown by MOCVD using tertiarybutylphosphine (TBP) 62887
Hashemi, M.M. *see* Shealy, J.B. 62906
Hashemi, R. *see* Adams, J.W. 92398
Hashemi-Nezhad, S.R. Determination of the energy limits and efficiency of track detectors for the formation of etched through tracks 53337
Hashemi-Yeganeh, S., Birtcher, C.R. Numerical and experimental studies of current distributions on thin metallic posts inside rectangular waveguides 73420
Hashemian, H.M. On-line testing of calibration of pressure transmitters in nuclear power plants 66147
Hashemian, H.M. New methods for remote testing of accuracy and response time of installed temperature and pressure sensors 78298
Hashemian, H.M. Instrument calibration reduction system for nuclear power plants 89436
Hashemian, R. Design of a 54-bit adder using a modified Manchester carry chain 49278
Hashemian, R. Design and hardware implementation of a memory efficient Huffman decoding 96865
Hashi, M. *see* Maeda, K. 72505
Hashi, T. *see* Fernando, P.N. 52541
Hashiguchi, I. *see* Sumiyoshi, F. 82492
Hashiguchi, S. *see* Yajima, M. 74542
Hashim, I., Atwater, H.A. In situ magnetic and structural analysis of epitaxial $Ni_{80}Fe_{20}$ thin films for spin-valve heterostructures 71978
Hashimoto, A., Iwate, K., Ohkubo, M., Yamamoto, A. New laser ablation phenomenon of the porous Si films by focused N_2 pulse laser irradiation 62454
Hashimoto, A. *see* Kotaki, K. 68257
Hashimoto, A. *see* Tamura, M. 48928
Hashimoto, A. *see* Yamamoto, A. 100448
Hashimoto, C. *see* Nakamura, S. 69536
Hashimoto, E. *see* Mizuno, K. 81684
Hashimoto, H. *see* Hashimoto, M. 64179
Hashimoto, H. *see* Hishikawa, Y. 100581
Hashimoto, H. *see* Ikeda, M. 90031
Hashimoto, H. *see* Koyanagi, M. 62830
Hashimoto, H. *see* Kurino, H. 62857
Hashimoto, H. *see* Luo, R.C. 94704
Hashimoto, H. *see* Nakashima, Y. 61356
Hashimoto, H. *see* Terai, K. 75792
Hashimoto, I. *see* Kumai, W. 53751
Hashimoto, J., Katsuyama, T., Yoshida, I., Murata, M., Hayashi, H. Stable singlemode operation of 0.98 μm GaInAs/GaInAsP/GaInP buried ridge stripe laser with AlGaInP current blocking layer 72801
Hashimoto, J. *see* Miyakawa, Y. 55804
Hashimoto, K. Charge damage caused by electron shading effect 93663
Hashimoto, K., Matsumura, F., Fujita, M. Experimental comparison between H_∞ and H_2 control for a magnetic suspension system with double flexible beam 83577
Hashimoto, K., Ohsawa, T. Dead-time measurement of neutron counters by reactor-power variational technique 53333
Hashimoto, K., Touchi, K., Onoda, H. Electromigration characteristics of high-temperature sputtered Al-alloy metallization 62516
Hashimoto, K., Yamaguchi, M. Delta function model analysis of SSBW spurious responses in SAW devices 56183
Hashimoto, K., Yamaguchi, M. Analysis of excitation and propagation of acoustic waves under periodic metallic-grating structure for SAW device modeling 93827
Hashimoto, K. *see* Arakawa, F. 70667
Hashimoto, K. *see* Eguchi, T. 93420
Hashimoto, K. *see* Endo, M. 61717
Hashimoto, K. *see* Ferguson, R. 71450
Hashimoto, K. *see* Hamamoto, T. 92209
Hashimoto, K. *see* Ikata, O. 96878
Hashimoto, K. *see* Makishima, Y. 71917
Hashimoto, K. *see* Matsuo, T. 71540
Hashimoto, K. *see* Mori, S. 70518
Hashimoto, K. *see* Niwa, K. 81084
Hashimoto, K. *see* Shibata, H. 55829
Hashimoto, K. *see* Shibata, H. 56081
Hashimoto, K. *see* Shimizu, N. 63018
Hashimoto, K. *see* Shioyama, T. 51638
Hashimoto, K. *see* Takagi, M.T. 62837
Hashimoto, K. *see* Yasuda, M. 71439
Hashimoto, K. *see* Yoshiki, H. 54932
Hashimoto, M., Hashimoto, H. Ray-optical techniques in dielectric waveguides 64179
Hashimoto, M., Hirata, Y., Takahashi, N., Takebe, T. FIR, IIR SC interpolation filters using parallel cyclic type circuit for high frequency 92387
Hashimoto, M., Ichimura, S., Ide, M. Testing a chemically reactive filter for the removal of trace hydrogen sulfide gas 62377
Hashimoto, M., Kitayama, K., Ishibashi, S., Fukuda, Y. GaAs-pin/ferroelectric liquid crystal spatial light modulator (GaAs-pin/FLC-SLM) and its applications 82742
Hashimoto, M. *see* Kohga, K. 66044
Hashimoto, M. *see* Ueno, T. 81627
Hashimoto, M. *see* Yamamoto, M. 89398
Hashimoto, N. Normal mode extraction technique in a viscous-damped linear dynamic system 57446
Hashimoto, N. Global SOFC activities and evaluation programmes 60446
Hashimoto, N., Arai, T., Ozawa, Y., Kohno, R., Imai, H. Phase-diversity receiver using two pairs of three wires for data transmission over a low-voltage distribution line 58250
Hashimoto, N. *see* Ikeda, S. 92194
Hashimoto, N. *see* Ishibashi, K. 49420
Hashimoto, N. *see* Ishibashi, K. 70536
Hashimoto, N. *see* Ishibashi, K. 70564
Hashimoto, N. *see* Yamanaka, T. 70510
Hashimoto, O., Abe, T., Hashimoto, Y., Tanaka, T., Ishino, K. Realisation of resistive-sheet type wave absorber in 60 GHz frequency band 51073
Hashimoto, O., Abe, T., Tsuchida, W. Measurement of wave intensity reflected from object by range Doppler imaging in ordinary laboratory room 87457
Hashimoto, O. *see* Shimizu, Y. 64135
Hashimoto, S., Saito, H. Restoration of shift variant blurred image estimating the parameter distribution of PSF 64718
Hashimoto, S., Saitoh, S., Izumi, M. A two-dimensional array probe using an insulating layer and a signal line on the vibrator 76912
Hashimoto, S. *see* Fujii, T. 63009
Hashimoto, S. *see* Fujii, T. 71786
Hashimoto, S. *see* Fukui, A. 96748
Hashimoto, S. *see* Nagata, T. 76062
Hashimoto, S. *see* Tounai, K. 71458
Hashimoto, S.-i. *see* Kaneko, M. 50602
Hashimoto, T. On the error exponent of convolutionally coded ARQ 73715
Hashimoto, T., Aoki, M., Yamanaka, T., Kamigaki, Y., Nishida, T. 1/f noise in poly-Si MOSFET and strong correlation with oxide traps and grain boundaries 71666
Hashimoto, T., Yamamoto, S., Aso, T., Abe, M. Vision-based vehicle navigation using ceiling fluorescent lamps 52736
Hashimoto, T. *see* Fujii, T. 100593
Hashimoto, T. *see* Hiramoto, T. 61716
Hashimoto, T. *see* Hori, M. 92661
Hashimoto, T. *see* Ishibashi, K. 70536
Hashimoto, T. *see* Iwabuchi, M. 50073
Hashimoto, T. *see* Kitaura, Y. 93552
Hashimoto, T. *see* Matsunaga, M. 49655
Hashimoto, T. *see* Noda, K. 71700
Hashimoto, T. *see* Okuno, A. 54540
Hashimoto, T. *see* Okuno, A. 92795
Hashimoto, T. *see* Okuyama, K. 93415
Hashimoto, T. *see* Sato, F. 61662
Hashimoto, T. *see* Sato, F. 81824
Hashimoto, T. *see* Seshita, T. 96942
Hashimoto, T. *see* Soda, M. 97327
Hashimoto, T. *see* Usami, M. 70567
Hashimoto, T. *see* Yamada, Y. 82673
Hashimoto, T. *see* Yamanaka, T. 70510
Hashimoto, T. *see* Yano, K. 80330
Hashimoto, T. *see* Yano, K. 93418
Hashimoto, T. *see* Yoshida, M. 93680
Hashimoto, T. *see* Yoshimoto, M. 69964
Hashimoto, Y., Ohse, H., Masaki, H. Technology for development of a CFC-substitute for cleaning PC boards 92706
Hashimoto, Y., Saito, S., Yoshida, K. An LCD driver LSI for full-color and high-resolution TFT-LCDs 58916
Hashimoto, Y., Yoshida, K., Yamawaki, T., Miyahara, Y. Full color LCD driver μPD16408 66619

Hashimoto, Y. *see* Agawa, K. 71117
Hashimoto, Y. *see* Agawa, K. 93149
Hashimoto, Y. *see* Arai, S. 76316
Hashimoto, Y. *see* Hashimoto, O. 51073
Hashimoto, Y. *see* Ishii, H. 49908
Hashimoto, Y. *see* Kawata, S. 56325
Hashimoto, Y. *see* Nagasawa, S. 55268
Hashimoto, Y. *see* Nagasawa, S. 92199
Hashimoto, Y. *see* Niki, K. 76428
Hashitera, S. *see* Ohtsubo, Y. 100183
Hashizume, H., Toda, S. Quasi three-dimensional analysis of A.C. losses in superconductor 82330
Hashizume, T., Yoshino, M., Ishikawa, M., Shimozuma, M. Stable passivation systems for GaAs prepared by room-temperature deposition of SiO_2 films 81369
Hashizume, T. *see* Shigekawa, H. 71384
Hashizume, Y. *see* Ohno, Y. 70487
Hasimoto, K. *see* Kawase, M. 79898
Haskard, M.R., Macdonald, M.A., Pilkington, G. CAHL—computer aided hybrid layout software 71008
Haskell, B. Portable electronics packaging technologies 79376
Haskell, B. *see* Rao, S. 79369
Haskell, B.G., Reibman, A.R. Variable bit-rate video coding for ATM and broadcast applications 74413
Haskell, B.G., Reibman, A.R. Multiplexing of variable rate encoded streams 85980
Haskell, P., Messerschmitt, D.G., Nichols, K., Pol, E.-J., Morley, R., Jardetzky, P. Multimedia consumer applications on a heterogeneous network 85775
Haskew, T.A., Nelms, R.M. Real-time simulation of a 20 kHz parallel-loaded resonant converter using an IBM RISC system/6000 model 350 49138
Haskins, D. Spatial information paradigms for strategic analysis. Geographic information systems as a special case of meta-data in business information 85402
Haskins, P.M., Dahele, J.S. Varactor-diode loaded passive polarisation-agile patch antenna 64231
Haskins, P.M. *see* Hall, P.S. 95016
Haskins, P.S., McKisson, J.E., Phillips, C.W., King, S.E., August, R.A., Piercey, R.B., Mania, R.C. Laboratory testing of a volume-imaging germanium Compton camera 98613
Haskins, P.S. *see* McKisson, J.E. 88316
Haskins, P.S. *see* McKisson, J.E. 98727
Haslam, J. *see* Cootes, T.F. 64822
Haslar, V. *see* Kraus, L. 72009
Haslegrave, C.M. *see* Gale, A.G. *(editor)* 90711
Hasler, A.F., Palaniappan, K., Manyin, M., Dodge, J. A high performance Interactive Image SpreadSheet (IISS) 64786
Hasler, M., Marthy, C., Oberlin, A., de Werra, D. A discrete model for studying existence and uniqueness of solutions in nonlinear resistive circuits 55103
Hasler, M. *see* Biey, M. 70262
Haslett, C.J. Modelling and measurements of the diffraction of microwaves by buildings 97046
Haslett, C.J. *see* Wille, V. 52316
Haslingen, T.Graf von *see* Graf von Haslingen, T.
Haslov, P., Jensen, K.B., Skovgaard, N.H. Degradation study for stressed optical fibres in water. New worst case life time estimation model 50470
Haslov, P. *see* Nielsen, L.G. 52519
Hasnat, K., Murtaza, S., Tasch, A.F., Jr. A manufacturing sensitivity analysis of 0.35 μm LDD MOSFET's 55964
Hasnat, K. *see* Agostinelli, V.M., Jr 62767
Hasnat, K. *see* Agostinelli, V.M., Jr. 93369
Hasoon, F. *see* Nelson, A.J. 92939
Hasoon, F.S. *see* Abou-Elfotouh, F.A. 100508
Hasoon, F.S. *see* Al-Jassim, M.M. 81234
Hasoon, F.S. *see* Al-Jassim, M.M. 100502
Haspeslagh, D., Moerman, E., Chang, Z., Haspeslagh, J. A 4/7 kHz audio bandwidth selectable digital phone interface (DPI) chip with on-chip analog functions and modem 85959
Haspeslagh, D. *see* Sevenhans, J. 97137
Haspeslagh, J. *see* Haspeslagh, D. 85959
Haspeslagh, L. *see* Van Houdt, J. 80326
Hasrouni, P.N. *see* Hoppe, T.C. 78305
Hass, M. *see* Barak, J. 70379
Hass, M. *see* Levinson, J. 70462
Hassab, M.H. *see* El-Kassaby, M.M. 53070
Hassainia, F., Medina, V., Donadey, A., Langevin, F. Scalp potential and current density mapping with an enhanced spherical spline interpolation 77026
Hassan, A. *see* Bacha, S. 78697
Hassan, A. *see* Chennakeshu, S. 86186
Hassan, A.A. *see* Chennakeshu, S. 97063
Hassan, A.A.M. *see* Halasz, S. 100324
Hassan, A.F. *see* El-Dessouki, T.A. 57023
Hassan, A.K. *see* Gould, R.D. 70934
Hassan, A.S.M. *see* Nadeau-Dostie, B. 58639
Hassan, A.Y. *see* El-Sharabasy, S.A. 78167
Hassan, E. *see* Baroudi, U. 51105
Hassan, E.E. On a class of Huffman's self-synchronous gapped source codes 57357
Hassan, G.E., Ramadan, M.R.I., El-Labani, H., Badawi, M., Aboul-Enein, S., Carter, M.J., Hill, R. Evaluation and characterization of polycrystalline $CuInSe_2$ thin films prepared by the sandwich structure technique 61378
Hassan, G.E., Ramadan, M.R.I., El-Labani, H., Badawi, M.H., Aboul-Enein, S., Carter, M.J., Hill, R. The performance of $CuInSe_2$/CdS solar cells fabricated by the sandwich structure technique 69005
Hassan, H.H. *see* Abd El Rehim, S.S. 48959
Hassan, M., Stiglic, P. Use of inductive loop detectors to prevent runway incursions 77197
Hassan, M. *see* Aswell, C.J. 94269
Hassan, Y.A. *see* Philip, O.G. 89519
Hassaneen, K.M. *see* Ahmed, F.I. 90106
Hassanein, H. *see* Lupini, P. 73866
Hassanein, H.S., Friesen, V.J., Wong, J.W., Mark, J.W. Performance of alternative media for LAN interconnection 96652
Hassanein, H.S., Kamal, A.E. Integration of voice and data in a switch-based LAN 52138
Hassanein, H.S., Wong, J.W., Mark, J.W. An effective erasure node algorithm for slot reuse in DQDB 65330
Hassanein, H.S., Wong, J.W., Mark, J.W. Effective erasure node algorithm for slot reuse in DQDB 65405
Hassanein, H.S. *see* Kamal, A.E. 51846
Hassanein, H.S. *see* Kamal, A.E. 74962
Hassani, A.El *see* El Hassani, A.
Hassani, H.R., Mirshekar-Syahkal, D. Analysis of stacked rectangular patch antennas with nonaligned patches or unequal patch sizes 94964
Hassani, H.R. *see* Mirshekar-Syahkal, D. 51228
Hassani Sadr, G. *see* Verma, A.K. 73449
Hassanin, E. Application network interfaces as self-services network 65340
Hassanin, E. The real-time for interorganization computer networks 65341
Hassanzadeh, S., Hashemi, H. System architecture and channel assignment for microcellular mobile radio communications 75253
Hassard, J. *see* Tesarek, R.J. 98504
Hasse, G.L. Heavy-duty cable installation products for underground conduits 68276
Hasse, P., Zahlmann, P. EMC-compliant implementation of lightning current and overvoltage divertors 89370
Hasse, P. *see* Birkl, J. 99776
Hassebrook, L.G. *see* Rahmati, M. 51673
Hassein-Bey, A. *see* Ionescu, A.M. 93472
Hasselgren, L., Moller, E., Hamnerius, Y. Calculation of magnetic shielding of a substation at power frequency using FEM 78762
Hassell, M. A laser-based thread detection system 69614
Hasselmann, S. *see* Bruning, C. 67875
Hassen, F. *see* Melendez, J. 93040
Hassenzahl, W. *see* Marks, S. 67240
Hassenzahl, W.V., Chaplin, M.R., Heim, J.R., Lang, D.D., O'Connor, T.G., Slack, D.S., Wong, R.L., Zbasnik, J.P., Brown, T.G., Citrolo, J.C., Montgomery, D.B., Myatt, L., Pillsbury, R.D., Schultz, J.H., Wang, P.W. Superconducting magnet system for the TPX Tokamak 82468
Hassenzahl, W.V. *see* Bulc, A.M. 72264
Hassenzahl, W.V. *see* Hoyer, E. 63259
Hassenzahl, W.V. *see* Hoyer, E. 67239
Hassenzahl, W.V. *see* Schultz, J.H. 89348
Hasser, C.J. *see* Brimhall, O.D. 82304
Hassib, G.M., Amer, H.A. On the sparkable region phenomena in electrochemical etching [polymer trade detector] 88194
Hassibi, B., Sayed, A.H., Kailath, T. Recursive linear estimation in Krein spaces. I. Theory 84331
Hassibi, B., Sayed, A.H., Kailath, T. Recursive linear estimation in Krein spaces. II. Applications 84332
Hassig, P. Increase in power of hydroelectric plants: systematic modernisation programme of BKW 99968
Hassin, D., Vahldieck, R. Feedforward linearization of analog modulated laser diodes—theoretical analysis and experimental verification 52705
Hassin, R., Lahav, S. Maximizing the number of unused colors in the vertex coloring problem 91260
Hassine, L., Toffano, Z., Lamnabhi-Lagarrigue, F., Destrez, A., Birocheau, C. Volterra functional series expansions for semiconductor lasers under modulation 63831
Hassine, S. *see* Le Chenadec, J.Y. 90508
Hassler, H. A fast VLSI multiplication algorithm using Fourier transform and redundant binary representation 70432
Hasslinger, G. *see* Rieger, E.S. 91203
Hassoun, M.H., Chuanming Wang, Spitzer, A.R. NNERVE: Neural Network Extraction of Repetitive Vectors for Electromyography. I. Algorithm 98916
Hassoun, M.H., Chuanming Wang, Spitzer, A.R. NNERVE: Neural Network Extraction of Repetitive Vectors for Electromyography. II. Performance analysis 98917
Hassoun, M.H., Nabha, A.M. Implementation of O(n) complexity max/min circuits for fuzzy and connectionist computing 61820
Hassouna, M. *see* Sawan, M. 88559
Hassouni, K. *see* Gicquel, A. 70117
Hasti, D. *see* Witt, C.E. 100725
Hasting, J.S., McFarren, M.J. 3-D cockpit simulator displays-achieving precise depth placement of objects in graphic images 88695
Hastings, M.C., Chiu, B. Simultaneous measurement of strain or acoustic pressure and temperature with an optical fiber interferometer 76021
Hastings, N.A.J. *see* Ang, J.Y.T. 61082
Haston, W. *see* Richardson, I.E.G. 75110
Hasuike, K. *see* Ishida, N. 67339
Hasumi, K. *see* Sang-Jin Jung 58869
Hasunuma, M. *see* Kaneko, H. 62546
Hasunuma, M. *see* Toyoda, H. 62515
Hasuo, M., Nishino, M., Nagasawa, N. Evaluation of $|\chi^{(3)}|$ at the GTA of biexcitons in CuCl by high resolution polarization spectroscopy 73032
Hasuo, S. *see* Suzuki, H. 49434
Haswell, P. *see* Allegretto, W. 87332
Haszto, E.D., Longenbaker, W.E., Scherer, J.B. Talking to the network 65209
Hata, F., Sakuraba, J., Chong, C.K., Yamada, Y., Hasebe, T., Ishihara, M., Watanabe, K. A conduction cooled superconducting magnet using high-T_c oxide current leads 82436
Hata, F. *see* Watanabe, K. 94008
Hata, H. *see* Sakai, Y. 50348
Hata, K., Kumamura, M., Yasuda, T., Saito, Y., Ohshita, A. (011)-oriented tungsten field emitter coated with liquid lithium thin film 92870
Hata, K. *see* Inumaru, F. 85461
Hata, K. *see* Ito, K. 60609
Hata, M. *see* Takumi, I. 74098
Hata, N. *see* Osborne, I.S. 91581
Hata, R. *see* Murata, M. 93758
Hata, R. *see* Ogata, S. 89269
Hata, S. *see* Nishimoto, T. 99705
Hata, S. *see* Norimatsu, S. 75415
Hata, Y., Etoh, R., Yamashita, H., Fujii, S., Harada, Y. Microstructure analysis technique of specific area by transmission electron microscopy 62921
Hata, Y., Hozumi, T., Yamato, K. Gate model networks for minimization of multiple-valued logic functions 49254
Hata, Y., Yamato, K. A multiple-valued logic synthesis using the Kleenean coefficients 55229
Hata, Y., Yamato, K. On a class of multiple-valued logic functions with truncated sum, differential product and NOT operations 61679
Hata, Y. *see* Kamiura, N. 49262
Hata, Y. *see* Kamiura, N. 55248
Hatab, Z.R., Prins, S.L., McNeil, J.R., Naqvi, S.S.H. 16 MB DRAM trench depth characterization using dome scatterometry 80328
Hatab, Z.R. *see* Murnane, M.R. 81693
Hatada, K. *see* Tsukada, T. 75720
Hatada, T. *see* Tanaka, A. 54539
Hatada, T. *see* Yamada, K. 92299
Hatae, S. *see* Motto, E.R. 69065
Hatafuku, H., Takahashi, S. Effect of annealing on magnetization process of $Ni_{3-x}Fe_{1+x}$ ($-0.2<x<0.2$) alloys 71967
Hatake, K. *see* Fujita, M. 60207
Hatake, K. *see* Matsumura, F. 89809
Hatakenaka, T. *see* Unno, Y. 98558
Hatakeyama, S. *see* Ishibashi, T. 56611
Hatakeyama, T. The latest information related technology. 6. ISDN (Integrated Services Digital Network) 96800
Hatakka, J. *see* Paatero, J. 67655
Hatakoshi, G. *see* Itaya, K. 72824
Hatakoshi, G. *see* Nishikawa, Y. 48941
Hatakoshi, G. *see* Rennie, J. 63601
Hatakoshi, G. *see* Saito, S. 54915
Hatakoshi, G. *see* Sugawara, H. 94288
Hatalis, M.K. *see* Lin, F. 93052
Hatami-Hanza, H., Chu, P.L., Lederer, M.J. A new low-loss wide-angle Y-branch configuration for optical dielectric slab waveguides 51196
Hatami-Hanza, H., Chu, P.L., Peng, G.D. Optical switching in a coupler with saturable nonlinearity 50924
Hatami-Hanza, H., Lederer, M.J., Chu, P.L., Skinner, I.M. A novel wide-angle low-loss dielectric slab waveguide Y-branch 50522
Hatami-Hanza, H., Nayyer, J., Safavi-Naini, S. Extinction ratios and scattering losses of optical intersecting-waveguide switches with curved electrodes 82594
Hatanai, T. *see* Iizuka, M. 50264
Hatanaka, M., Ohta, Y., Takeya, H., Sugioka, I., Nishitsuji, A., Wada, M. An evaluation method of snow particle size distribution functions from VTR image for meteorological radar observations 67822
Hatanaka, M. *see* Kobayashi, S. 49425
Hatanaka, M. *see* Kobayashi, S. 70561
Hatanaka, M. *see* Mihara, M. 92227
Hatanaka, M. *see* Miyawaki, Y. 70526
Hatanaka, M. *see* Ohi, M. 70507
Hatanaka, M. *see* Onoda, H. 92203
Hatanaka, M. *see* Sakaguchi, T. 62039
Hatanaka, T. *see* Waguri, S. 58095
Hatanaka, Y. Voltage-fed full bridge ZCS high frequency inverter 68869
Hatanaka, Y. Characteristics of zero current switching high frequency inverter with constant frequency power control 68877

Hatanaka, Y., Kobayashi, Y., Takahashi, H. A 3-D measurement system using a CCD sensor and a laser scanner 76211
Hatanaka, Y., Mutsuo, N. Soft switching based on analysis of transient and steady-state characteristics: application to a single-ended high-frequency inverter 54100
Hatanaka, Y. *see* Tomita, Y. 71053
Hatanaka, Y. *see* Tomita, Y. 72595
Hatanaka, Y. *see* Wickramanayaka, S. 70133
Hatano, A. *see* Ohba, Y. 91610
Hatano, H. Axisymmetric analysis of a tube-type acoustic levitator by a finite element method 88639
Hatano, H. *see* Yahagi, N. 91552
Hatano, K. *see* Morimoto, M. 97662
Hatano, K. *see* Mutoh, N. 98090
Hatano, K. *see* Orihara, K. 66047
Hatano, S. *see* Matsumoto, H. 92314
Hatano, Y. *see* Hiraki, M. 70427
Hataoka, N. *see* Ando, H. 95269
Hatayama, M. *see* Matsuno, F. 90452
Hatayama, Y., Miyazaki, Y., Goto, N. Characteristics of planar optical device using acoustooptic effect 72410
Hatazaki, H. *see* Nanayakkara, N. 78519
Hatazaki, K. *see* Watanabe, T. 64328
Hatfield, J.V. A two-dimensional, high-resolution, charged-particle sensor 59143
Hatfield, J.V., Hicks, P.J., Neaves, P., Persaud, K.C., Travers, P. An integrated approach to an artificial nose based on ASICs and conducting polymers 87320
Hatfield, J.V., Neaves, P., Hicks, P.J., Persaud, K., Travers, P. Towards an integrated electronic nose using conducting polymer sensors 58879
Hatfield, J.V., Payne, P.A., Chen, Q.X., Armitage, A.D., Hicks, P.J., Scales, N.R. A new approach to ultrasonic imaging using a novel multi-element integrated transmit/receive transducer 88879
Hatfield, J.V., Scales, N.R., Armitage, A.D., Hicks, P.J., Chen, Q.X., Payne, P.A. An integrated multi-element array transducer for ultrasound imaging 59616
Hatfield, J.V. *see* Neaves, P.I. 66152
Hatfield, J.V. *see* Scales, N.R. 80185
Hathaway, R.C. *see* Perkins, G.W. 86688
Hathaway, R.J. *see* Bezdek, J.C. 91325
Hatke, G.F. Conditions for unambiguous source location using polarization diverse arrays 95618
Hatle, M., Kojima, I., Hamasaki, K. Low frequency noise in superconducting nanoconstriction devices 93957
Hatley, R. *see* Brawn, I. 98678
Hatley, R. *see* Brawn, I.P. 98657
Hato, T. *see* Yoshida, A. 63317
Hatoh, H., Yamamoto, T., Sato, M., Ishikawa, M. Psychophysical evaluation of viewing-angle characteristics of liquid-crystal displays 87367
Haton, J.-P. *see* Fohr, D. 64391
Haton, J.-P. *see* Gao, Y. 84127
Haton, J.P. *see* Di Martino, J.C. 75656
Hatooka, Y. *see* Tanaka, M. 86260
Hatori, A. *see* Katakura, K. 65227
Hatori, F. *see* Shioyama, Y. 52946
Hatori, M. *see* Aizawa, K. 84971
Hatori, M. *see* Cha Keon Cheong 84929
Hatori, M. *see* Cheong, C.K. 84991
Hatori, M. *see* Jong-Il Park 74493
Hatsuda, T. *see* Mitsuhashi, R. 77633
Hatsukawa, S. *see* Kishi, K. 99709
Hatsumura, T., Kanamori, M., Oikawa, H., Shinozaki, S. Quarter-micron WSi/Au gate AlGaAs/InGaAs HJFETs for 40 GHz-band power applications 80697
Hatsuzawa, T., Tanimura, Y., Toyoda, K., Nara, M., Toyonaga, S., Hara, S., Iwasaki, H., Kondou, K. A compact laser interferometer with a piezodriven scanner for metrological measurements in regular SEMs 87540
Hatta, A. *see* Wadayama, T. 49922
Hatta, A. *see* Wadayama, T. 93254
Hatta, A. *see* Yara, T. 79949
Hatta, E. *see* Arai, J. 66695
Hatta, T. *see* Matsushima, F. 61818
Hatta, T. *see* Yamashita, K. 83083
Hatta, Y., Kamada, C., Haneda, M. GaAs IC set for 2.4-Gbit/s optical transmission systems 75442
Hattangady, S. *see* Misra, V. 93430
Hattangady, S.V. *see* Misra, V. 93217
Hatton, P.D., Crain, J., Kawamura, H., Akahama, Y. Comparative studies of rotating anode and synchrotron-based image plate systems 88334
Hatton, V. *see* Bailey, R. 76434
Hattori, A., Hori, Y., Yoshida, A. Transparent conductive films made by chemical processing and their applications 79883
Hattori, H. *see* Takeo, T. 76924
Hattori, H. *see* Takusagawa, T. 91550
Hattori, K., Kitagawa, T., Oguma, M., Hibino, Y., Ohmori, Y., Horiguchi, M. Er-doped silica-based planar ring resonator 72971
Hattori, K., Kitagawa, T., Oguma, M., Ohmori, Y., Horiguchi, M. Erbium-doped silica-based waveguide amplifier integrated with a 980/1530 nm WDM coupler 56410
Hattori, K. *see* Horiuchi, T. 68998
Hattori, K. *see* Kitagawa, T. 50768
Hattori, K. *see* Kitagawa, T. 72787
Hattori, K. *see* Malo, B. 72383
Hattori, K. *see* Oguma, M. 56704
Hattori, K.T. *see* Ueno, T. 81627
Hattori, M., Saitoh, Y. Superimposed codes based on punctured convolutional codes 64311
Hattori, R. *see* Miyakuni, S. 55792
Hattori, R. *see* Shimura, T. 92529
Hattori, S., Ishitani, A., Kuroda, H. Molecular beam epitaxy cell optimized for organic compounds and preparation of a Cu phthalocyanine thin film 91438
Hattori, T., Ejiri, Y., Saito, K., Yasutake, M. Fabrication of nanometer-scale structures using atomic force microscope with conducting probe 93249
Hattori, T., Ishida, K. Equilibrium factor and unattached fraction of radon progeny in nuclear power plants 99028
Hattori, T. *see* Arai, S. 76316
Hattori, T. *see* Hisanaga, M. 56503
Hattori, T. *see* Kato, A. 82808
Hattori, T. *see* Kato, A. 93302
Hattori, T. *see* Kitagawa, A. 53159
Hattori, T. *see* Oguri, Y. 59024
Hattori, T. *see* Ohishi, K. 55756
Hattori, T. *see* Okamura, M. 59023
Hattori, T. *see* Onuki, T. 83426
Hattori, T. *see* Takagi, N. 61644
Hattori, T. *see* Takeda, O. 76414
Hattori, T. *see* Tokuda, Y. 81203
Hattori, T. *see* Tomizawa, M. 76317
Hattori, Y. *see* Kato, A. 82808
Hattori, Y. *see* Shigehara, M. 94112
Hatty, B. *see* Bossert, M. 52378
Hatvani, L. *see* Novak, I. 70976
Hatwar, T.K., Geneva, D.J., Victora, R.H. Double compensation point media for direct overwrite 72492
Hatzakis, M. *see* Gogolides, E. 62609
Hatziargyriou, N.D., Contaxis, G.C., Sideris, N.C. A decision tree method for on-line steady state security assessment 77961
Hatziargyriou, N.D., Karakatsanis, T.S. A probabilistic approach to control variable adjustment for power system planning applications 59878
Hatziargyriou, N.D. *see* Papadias, B.C. 68683
Hatziathanassiou, V. *see* Labridis, D. 78130
Hatzigalanis, K. *see* Brown, B.H. 67551
Hatzilabrou, G.M., Greenberg, N., Sclabassi, R.J., Carroll, T., Guthrie, R.D., Scher, M.S. A comparison of conventional and matched filtering techniques for rapid eye movement detection of the newborn [electro-oculography] 88516
Hatzinakos, D. *see* Ambike, S. 57525
Hatzinakos, D. *see* Ilow, J. 96407
Hatzinakos, D. *see* Prakriya, S. 84440
Hatzinakos, D. *see* Zhang, Y. 84425
Hau, E. Large wind turbines: a European coordinated development programme 100036
Hau, S.S.F., Chan, Y.H., Ngai, K.S., Lam, P.H.S. Performance of echo canceller during start-up for high-speed data transmission 84482
Hau Wenhui *see* Zhang Xiaolin 74470
Haub, A. *see* Schultz von Dratzig, A. 67280
Haubert, R.C. *see* McDonald, C.F. 78299
Haubner, D. Data processing disaster recovery planning considerations for Tandem networks 52023
Haubner, M. *see* Englmeier, K.-H. 76934
Haubner, R., Lux, B. Influence of chemical substrate interactions on diamond nucleation and growth 79779
Haubrich, H.-J., Flechner, B.A., Machczynski, W. A universal model for the computation of the electromagnetic interference on earth return circuits 78199
Haubrich, H.-J. *see* Wolff, G.B. 59939
Haubrich, H.-J. *see* Wolff, G.B. 59947
Hauck, S., Borriello, G. Pin assignment for multi-FPGA systems 70408
Hauck, S., Borriello, G., Ebeling, C. Mesh routing topologies for multi-FPGA systems 92028
Hauck, S., Burns, S., Borriello, G., Ebleling, C. An FPGA for implementing asynchronous circuits 70441
Hauden, D. *see* Hivert, B. 66562
Hauden, D. *see* Hoummady, M. 87148
Hauden, D. *see* Hoummady, M. 98323
Hauden, D. *see* Tirole, N. 98348
Hauden, J., Porte, H., Goedgebuer, J.-P. Quasi-polarization-independent Mach-Zehnder coherence modulator/demodulator integrated in Z-propagating lithium niobate 97258
Haueis, R. *see* Kovacs, G. 66508
Hauer, J.F. Robustness issues in stability control of large electric power systems 89035
Hauer, J.F. *see* Trudnowski, D.J. 59850
Haug, F. *see* Delikaris, D. 76646
Haug, H. *see* Ivanov, A.L. 72439
Haug, H. *see* Ivanov, A.L. 82707
Haug, T. Overview of GSM: philosophy and results 65630
Hauge, E.H. *see* Skjanes, J. 92999
Haugen, P. *see* Case, S.K. 60974
Haugen, R.B., Mannsaker, B. Scenarios for introduction of broadband services in telecommunication networks 52224
Haugen, R.B., Mannsaker, B. Scenarios for introduction of broadband services in telecommunication networks 85864
Hauger, A., Hirsch, A., Porile, N., Scharenberg, R., Stringfellow, B.C., Tincknell, M., Rai, G. Sub 60 ps timing resolution using large area silicon avalanche diodes 55872
Haughton, D.A. *see* Lopez, D.A. 54313
Haugland, M. *see* Bahar, E. 59594
Haugland, M.K., Hoffer, J.A. Slip information provided by nerve cuff signals: application in closed-loop control of functional electrical stimulation 67604
Haugland, M.K., Hoffer, J.A. Artifact-free sensory nerve signals obtained from cuff electrodes during functional electrical stimulation of nearby muscles 67605
Haugland, M.K., Hoffer, J.A., Sinkjaer, T. Skin contact force information in sensory nerve signals recorded by implanted cuff electrodes 67590
Hauglie-Hanssen, C., Djeu, N. Further investigations of a 2-μm Tm:YVO_4 laser 63692
Haugsjaa, P. *see* Boudreau, R. 94542
Hauksson, I. *see* Kawakami, Y. 72871
Hauksson, I. *see* Mullins, J.T. 71302
Hauksson, I. *see* Wang, S.Y. 63487
Haul-Te Chien, Shuh-Haw Sheen, Raptis, A.C. An alternative approach of acousto-ultrasonic technique for monitoring material anisotropy of fiber-reinforced composites 49034
Haung Xianfang *see* Zhang Shuiming 77266
Haung Zhaoming *see* Wang Xu 72382
Haunzhang Shi *see* Shi Haunzhang
Hauptmann, A.G. *see* Rudnicky, A.I. 84017
Hauptmann, J. *see* Tiefenbacher, M. 85953
Hauptmann, P., Franz, M. Modelling of quartz crystal microbalance sensors 75943
Hauptmann, P. *see* Auge, J. 66251
Hauptmann, P. *see* Hartmann, J. 66535
Hauptmann, P. *see* Henning, B. 67926
Haurie, A., Krawczyk, J.B., Roche, M. Monitoring cooperative equilibria in a stochastic differential game 69689
Haus, H.A. *see* Kartner, F.X. 72331
Haus, H.A. *see* Khatri, F.I. 72733
Haus, H.A. *see* Tamura, K. 72740
Hauschild, M.Z. *see* Wenzel, H. 90909
Hauschild, N.T. *see* Bright, V.M. 87336
Hauser, H., Fulmek, P. Simulation of magnetization curves of anisotropic materials 63132
Hauser, H., Gaugitsch, M. Fluxgate sensors: principle, geometry, materials 66264
Hauser, H., Haberl, F., Hochreiter, J., Gaugitsch, M. Measurement of small distances between light spots by domain wall displacements 53057
Hauser, J.R. *see* Bayoumi, A.M. 62922
Hauser, J.R. *see* Bayoumi, A.M. 63012
Hauser, J.R. *see* Parker, C.G. 61349
Hauser, J.R. *see* Tian, H. 93374
Hauser, M., Gornik, E., Wirner, C., Baur, M., Bohm, G., Weimann, G. Investigation of the mobility and the drift velocity in a one-dimensional quantum wire 62293
Hauser, P. *see* Cummings, W.J. 64116
Hauser, P. *see* Horvath, D. 53123
Hausleitner, H. *see* Schikora, D. 61282
Hausler, G., Neumahr, T., Parra, L., Schonfeld, H., Spellenberg, B. Chaos, order and associative memory in video-feedback 50642
Hausler, T. Video communication on the way to multimedia 96838
Hausler, W. *see* Weinmann, D. 55623
Hausser, O. *see* Cummings, W.J. 64116
Haussler, L. *see* Gerhard-Multhaupt, R. 63950
Haussling, L. *see* Wollersheim, O. 81685
Haustein, P.E. *see* Kelson, I. 67278
Hautala, J. *see* Cohen, J.D. 81193
Hautier, J.-P. *see* Guillaud, X. 54102
Hautier, J.P. *see* Elch-Heb, T. 90493
Hauviller, C. Design of vacuum chambers for experimental regions of colliding beam machines 87650
Hauviller, C. *see* Adam, A. 88087
Hauviller, C. *see* Adam, A. 88102
Hauviller, C. *see* Adriani, O. 88023
Hauviller, C. *see* Ambrosi, G. 53302
Hauwermeiren, L.Van *see* Van Hauwermeiren, L.
Haux, R. *see* Werner, R. 86192
Hava, S., Auslender, M., Rabinovich, D. Operator approach to electromagnetic coupled-wave calculations of lamellar gratings: infrared optical properties of intrinsic silicon gratings 82679
Havard, D.G. *see* Heics, R.C. 68261
Havasy, C.K. *see* Reston, R.R. 81976
Have, I.ten *see* ten Have, I.
Havemann, H. *see* Andersen, M.A.E. 90119
Havemann, R.H. *see* Graas, C.D. 62514
Havemann, R.H. *see* Shin-Puu Jeng 71435
Havens, R., Sievers, M. Numbering in a competitive environment 74777
Haverkamp, D., Soh, L.K., Tsatsoulis, C. A dynamic local thresholding technique for sea ice classification 77431
Haverkort, J.E.M. *see* Silov, A.Yu. 81290
Haverlag, M., Stoffels, E., Stoffels, W., den Boer, H., Kroesen, G., de Hoog, F. High-resolution infrared spectroscopy applied to powder formation, plasma transport and surface processes 93161

Haviland, D.B. *see* Delsing, P. 82373
Haviland, D.B. *see* Harada, Y. 72236
Haviland, D.B. *see* Pashkin, Yu.A. 63316
Havinga, E.E. *see* Brown, A.R. 93452
Haviv, M., Ritov, Y. Bounds on the error of an approximate invariant subspace for non-self-adjoint matrices 61165
Havlicek, J.P. *see* Bovik, A.C. 84233
Havlicek, V., Zemanek, I. On-line AC magnetic measurements accuracy 66658
Havlik, F. *see* Durcik, M. 77573
Hawa, G. *see* Schalkhammer, T. 66511
Hawarden, T.G. *see* Thronson, H.A., Jr. 97503
Hawblitzel, C. *see* Fallot-Burghardt, W. 88244
Hawe, B. *see* Chran-Ham Chang 85707
Haweel, T.I. Neural digital filters design and implementation using signal decomposition 70757
Haweel, T.I. Adaptive least mean square harmonic speech analysis/synthesis 73900
Haweel, T.I. *see* Fahmy, M.F. 49544
Hawes, M.A. *see* Pinney, C. 66307
Hawken, A. *see* Laughton, M.A. 59752
Hawker, I., Tandon, V., Cotter, D., Hill, A. New network infrastructures for the 21st century. Part 1: Ultra-high-capacity wavelength-routed networks 86471
Hawker, I. *see* Johnson, D. 51958
Hawker, I. *see* Nieuwenhuis, L.J.M. 96841
Hawkes, D. *see* Hill, D. 74484
Hawkes, P. Supertag—stock counting off its trolley 75387
Hawkesworth, M.R. *see* McNeil, P.A. 88406
Hawkings, R.J. *see* Borer, K. 53347
Hawkins, D.M. Fitting monotonic polynomials to data 69831
Hawkins, G. *see* Hashemi, H. 91061
Hawkins, R.J., Kallman, J.S. Lasing in tilted-waveguide semiconductor laser amplifiers 50796
Hawkins, R.K. *see* Lukowski, T.I. 77244
Hawkins, S.A. *see* Newton, M.A. 66806
Hawksford, M.J. *see* Thurston, A.M. 49514
Hawksford, M.O. *see* Hollier, M.P. 64358
Hawksford, M.O.J. Differential-current derived feedback in error-correcting audio amplifier applications 61571
Hawksford, M.O.J. *see* Greest, M.C. 61498
Hawksworth, G. CIGNET—Continuous Improvement Group NETwork 48622
Hawley, F. *see* Chiang, S. 61666
Hawley, G. Back to the future of the local loop 96886
Hawley, J.G., Ashcroft, S.J., Patrick, M.A. Advanced underwater power systems 69148
Hawley, M. *see* Jia, Q.X. 72235
Hawley, M.S., Cudd, P.A., Cherry, A.D. Implementation of a PC-based integrated control system for children 53462
Hawley, R. The way ahead—why build more nuclear plant and why now? 89427
Hawley, R. Rising to the challenge—the changing face of Nuclear Electric 99860
Hawley, R.W., Gallagher, N.C., Jr. On Edgeworth's method for minimum absolute error linear regression 69782
Hawley, R.W., Gallagher, N.C., Jr., Fitz, M.P. Stack filter phase lock loops 80187
Hawman, E.G. *see* Wang, H. 59298
Hawn, D.J., La Valley, R.W. Changing development environments through the use of groupware 85797
Hawoong Hong *see* Lin, D.-S. 61311
Haworth, D., Hagen, M. Step-by-step process eases VXI integration 96704
Haworth, L.A. *see* Newman, R.L. 67691
Haworth, M., Combs, C., Datte, P., Enegren, T., Funk, W., Goren, Y., Guy, F., Hurd, J., Jamieson, G., Martin, D., Ringwall, A., Sethi, R., Swenson, D., Barlow, D., Kraus, R., Meyer, R. Finalized design of the SSC RFQ-DTL matching section 76408
Haworth, M. *see* Hurd, J.W. 76440
Haworth, M. *see* Saadatmand, K. 76386
Hawryluk, A.M., Ceglio, N.M. Power loading limitations in soft X-ray projection lithography 93273
Hawthorne, E.G. *see* Vassilakis, B. 91907
Hawthorne, K.L., Hill, R.J. *(editors)* Proceedings of the 1994 ASME/IEEE Joint Railroad Conference in Conjunction with Area 1994 Annual Technical Conference (Cat. No.94CH3432-2) 48512
Hawthorne, P.A. *see* Galagedera, S.B. 88240
Hawver, D.W. *see* McElray, J.L. 78228
Hay, E. Basic education and training 48596
Hay, G.A., III *see* Cohn, A. 68460
Hayafuji, N. *see* Eldallal, G.M. 90446
Hayahara, E. *see* Kitamura, T. 51427
Hayakawa, H. Shape, surface reflectance, illuminant direction and illuminant intensity from shading images 64717
Hayakawa, H. *see* Fujimaki, A. 82366
Hayakawa, H. *see* Kusunoki, M. 72218
Hayakawa, M. Characteristics of soft magnetic thin films for magnetic head core application 71970
Hayakawa, M., Ohta, K., Baba, K. Wave characteristics of tweek atmospherics deduced from the direction-finding measurement and theoretical interpretation 64141
Hayakawa, M. *see* Baba, K. 83649
Hayakawa, M. *see* Ohta, K. 94824
Hayakawa, M. *see* Omid, M. 83697
Hayakawa, M. *see* Sugiyama, Y. 50258
Hayakawa, N. *see* Bong-Hwan Oh 89298
Hayakawa, N. *see* Goshima, H. 63070
Hayakawa, N. *see* Hirose, M. 63288
Hayakawa, N. *see* Kato, T. 68175
Hayakawa, N. *see* Yue-Jin Tang 68283
Hayakawa, S. *see* Yabe, T. 70566
Hayakawa, T. *see* Iso, M. 99704
Hayakawa, Y., Ando, M., Matsuyama, T., Hamakawa, E., Koyama, T., Adachi, S., Takahashi, K., Lifshits, V.G., Kumagawa, M. Diffusion of both Ga and Bi into InSb seeds during growth of InGaSbBi 79763
Hayakawa, Y. *see* Hasegawa, K. 88535
Hayakawa, Y. *see* Takahashi, H. 59377
Hayama, H., Aoyama, T., Utsumi, T., Miura, Y., Suzuki, A., Ishiai, I. Anti-reflection and anti-static coating for CRTs 87393
Hayama, H. *see* Koizumi, Y. 90675
Hayama, H. *see* Mikami, Y. 53000
Hayama, K. *see* Ohyama, H. 55948
Hayama, K. *see* Ohyama, H. 61579
Hayama, M. *see* Tsubota, T. 61643
Hayama, S., Inomata, A., Tanaka, T. Construction of the multi-image communication system 96580
Hayama, S. *see* Nakayama, A. 72200
Hayama, Y. *see* Yamamoto, K. 59130
Hayano, R.S. *see* Muller, W. 98421
Hayano, S., Marinova, I., Saito, Y. New complex permeability measurement device for thin magnetic films 76159
Hayano, S. *see* Doi, T. 61440
Hayano, S. *see* Doi, T. 70195
Hayano, S. *see* Marinova, I. 61439
Hayasaka, A. Effects of brightness and color around VDT on reading characters 58924
Hayasaka, H., Yamamoto, S., Matsuse, K. A method for improving output current of series-resonant AC link cycloconverter 100335
Hayasaka, K., Watanabe, M., Imajo, H., Ohmukai, R., Urabe, S. Tunable 397 nm light source for laser cooling of Ca ions based on frequency doubling of diode laser 56873
Hayasaka, K. *see* Urabe, S. 86940
Hayasaka, K. *see* Watanabe, M. 56864
Hayasaka, K. *see* Watanabe, M. 56874
Hayasaki, J. *see* Kimura, M. 50673
Hayashi, A., Shimizu, H. A new method for breaking the Lu-Lee cryptosystem 51365
Hayashi, E. Regional network in Japan 96676
Hayashi, F., Ikeuchi, H., Kitakata, M., Sasaki, T. Characterizing subthreshold behavior in poly-Si TFTs based on interface trap states 93411
Hayashi, G. *see* Sakiyama, S. 70706
Hayashi, H. *see* Hashimoto, J. 72801
Hayashi, H. *see* Kuwabara, M. 63184
Hayashi, H. *see* Nishiyama, N. 94316
Hayashi, H. *see* Omachi, T. 58244
Hayashi, H. *see* Shiga, N. 92632
Hayashi, H. *see* Tamba, N. 92241
Hayashi, H. *see* Yano, H. 72657
Hayashi, I. Photo-electronic integrated systems: The basic concept of U-OEICs and their feasibility 56582
Hayashi, K., Iyeki, H., Kikunaga, T. A high-power klystron 49747
Hayashi, K. *see* Adachi, K. 80886
Hayashi, K. *see* Hoshino, T. 89842
Hayashi, K. *see* Iseki, Y. 72679
Hayashi, K. *see* Ishida, M. 71772
Hayashi, K. *see* Ito, S. 71463
Hayashi, K. *see* Katori, K. 72135
Hayashi, K. *see* Kohno, M. 80689
Hayashi, K. *see* Matsumoto, T. 96426
Hayashi, K. *see* Muta, I. 60166
Hayashi, K. *see* Nagata, M. 86929
Hayashi, K. *see* Nakata, S. 49754
Hayashi, K. *see* Nishida, M. 77260
Hayashi, K. *see* Shimizu, M. 54956
Hayashi, K. *see* Sugiyama, Y. 50258
Hayashi, K. *see* Suzuki, K. 83878
Hayashi, K. *see* Suzuki, K. 93932
Hayashi, K. *see* Wright, C.D. 75874
Hayashi, K. *see* Xiaoqun Zhou 76013
Hayashi, K. *see* Yamaguchi, I. 93959
Hayashi, K. *see* Yonemori, H. 100303
Hayashi, K. *see* Yoshikawa, S. 93966
Hayashi, M., Fukuda, K. Estimating the restoration speed of telecommunication networks after disasters 51942
Hayashi, M., Nakagomi, K. Macroscopic method of diagnosing circuit networks using mark ratio as a parameter 92093
Hayashi, M. *see* Endo, E. 89747
Hayashi, M. *see* Fukui, K. 75715
Hayashi, M. *see* Hara, T. 68274
Hayashi, M. *see* Haseba, K. 97628
Hayashi, M. *see* Kanai, H. 82103
Hayashi, M. *see* Kosuge, Y. 99121
Hayashi, M. *see* Okuno, A. 90657
Hayashi, M. *see* Okuno, A. 100945
Hayashi, M. *see* Okuno, A. 100948
Hayashi, M. *see* Okuno, P. 68719
Hayashi, N. *see* Isaka, K. 99023
Hayashi, N. *see* Shimada, S. 86799
Hayashi, O. *see* Izuta, G. 92852
Hayashi, O. *see* Murakami, K. 79309
Hayashi, S. Effects of external modulation signals on the tracking of resonance and antiresonance of piezoelectric resonators. II. Two types of sinusoidal modulation 71911
Hayashi, S., Huffman, M., Azuma, M., Shimada, Y., Otsuki, T., Kano, G., McMillan, L.D., Paz de Araujo, C.A. Gigabit-scale DRAM capacitor technology with high dielectric constant thin films by a novel conformal deposition technique 70489
Hayashi, S., Kawata, A., Nagasawa, T., Morita, M. Field test of fluctuations is system frequency, bus voltage and load under normal operating condition and estimation of load characteristics in power system 60017
Hayashi, S., Suguimoto, M., Kishi, G. Adaptively controlled 4.8 kbit/s speech coders with low distortion 65483
Hayashi, S., Yamasaki, S., Matsuda, A. Substrate temperature dependence of deuteron bonding states in deuterated amorphous silicon studied by ^2H nuclear magnetic resonance 92919
Hayashi, S. *see* Arita, K. 50138
Hayashi, S. *see* Fujii, E. 61721
Hayashi, S. *see* Hase, T. 63328
Hayashi, S. *see* Hasegawa, K. 80395
Hayashi, S. *see* Higasa, H. 54194
Hayashi, S. *see* Hirao, T. 82107
Hayashi, S. *see* Kataoka, A. 84099
Hayashi, S. *see* Mizutami, K. 68658
Hayashi, S. *see* Shibutani, K. 63326
Hayashi, S. *see* Shimada, S. 86799
Hayashi, S. *see* Sumi, T. 93798
Hayashi, S. *see* Yonehara, H. 76341
Hayashi, S.-i. *see* Kataoka, T. 60276
Hayashi, T., Doke, T., Hasebe, N., Fujiki, K. Determination of charge and energy for particles penetrating a silicon $\Delta E \times E$ telescope in space radiation 87956
Hayashi, T., Fukaya, M., Ema, Y., Hasegawa, A., Sumi, M., Uehlein, R.B. Abnormal current oscillation different from Gunn oscillation in bulk GaAs 71111
Hayashi, T., Kawazu, Y., Uchiyama, A., Fukuda, H. Highly reliable flash memories fabricated by in-situ multiple rapid thermal processing 92202
Hayashi, T., Mikazuki, T., Suzuki, N., Nagai, Y. Coupling structure for superconducting disk filters 82512
Hayashi, T., Nishimura, T., Takano, T., Betsudan, S.-I., Koshizaka, S. Japanese deep-space station with 64-m-diameter antenna fed through beam waveguides and its mission applications 58366
Hayashi, T., Oji, N., Maiwa, H. Film thickness dependence of dielectric properties of $BaTiO_3$ thin films prepared by sol-gel method 93718
Hayashi, T. *see* Changxin Zhu 81561
Hayashi, T. *see* Endo, H. 98134
Hayashi, T. *see* Fukuda, H. 61723
Hayashi, T. *see* Garan, S. 78925
Hayashi, T. *see* Hasebe, N. 59057
Hayashi, T. *see* Kirimura, H. 79946
Hayashi, T. *see* Nagata, K. 59058
Hayashi, T. *see* Takagi, N. 61644
Hayashi, T. *see* Tanabe, M. 62423
Hayashi, T. *see* Tanaka, S. 70666
Hayashi, T. *see* Usui, M. 83042
Hayashi, T. *see* Usui, M. 94543
Hayashi, T. *see* Yamazaki, T. 90671
Hayashi, Y., Kikuta, K., Kikkawa, T. A new abrasive-free, chemical-mechanical-polishing technique for aluminum metallization of ULSI devices 62960
Hayashi, Y., Okuda, Y., Mitera, H., Kato, K. Formation of drawing- or radiation-induced defects in germanium-doped silica core optical fiber 50499
Hayashi, Y., Wakabayashi, N., Kitahashi, T., Wake, H. An image ranging system at sea 64842
Hayashi, Y. *see* Alam, M.S. 51162
Hayashi, Y. *see* Aoki, H. 71383
Hayashi, Y. *see* Buckley, J.J. 48815
Hayashi, Y. *see* Cho, Y. 55288
Hayashi, Y. *see* Endo, S. 83574
Hayashi, Y. *see* Ikeda, T. 92947
Hayashi, Y. *see* Mukaihara, T. 94444
Hayashi, Y. *see* Sakata, I. 55254
Hayashi, Y. *see* Sato, K. 100533
Hayashi, Y. *see* Sekigawa, T. 71625
Hayashi, Y. *see* Shimokawa, R. 100578
Hayashi, Y. *see* Shinzawa, T. 71436
Hayashi, Y. *see* Takato, H. 100762
Hayashibe, R. *see* Ito, H. 66315
Hayashida, P. *see* Ou, S.S. 72909
Hayashida, S. *see* Kawamura, A. 70508
Hayashida, S. *see* Usui, M. 63439
Hayashida, T. *see* Matsuse, K. 68602
Hayashida, T. *see* Matsuse, K. 68633
Hayashida, T. *see* Matsuse, K. 68634
Hayashida, T. *see* Niki, N. 88509
Hayashida, Y., Komatsu, M. Delay analysis of continuous ARQ schemes with Markovian error channel 96246
Hayashide, Y. *see* Eimori, T. 92192
Hayashii, H. *see* Tanaka, M. 88235
Hayasi, K. *see* Yurugi, K. 100302
Hayasi, Y. *see* Sato, E. 67498
Hayasi, Y. *see* Sato, E. 67499

Haycock, P.W. *see* Jones, A.C. 54954
Haycock, R. Electrification projects in developing countries 78018
Haycock, T.L. Applying the TQM method of process characterization to Harris Semiconductor's Spice model development and support 54413
Hayden, C.C. *see* Levine, A.M. 83297
Hayden, D.J. *see* Sturrock, J.C. 76825
Hayden, H.C. High sensitivity Trouton-Noble experiment 49684
Hayden, H.C. Global positioning satellites 75365
Hayden, J. *see* Sharma, U. 70505
Hayden, J.D., Cooper, K.J., Roth, S.S., Kirsch, H.C. A new toroidal TFT structure for future generation SRAMs 92198
Hayden, J.D., Woo, M.P., Taft, R.C., Pelley, P., Nguyen, B.-Y., Mazure, C., Kenkare, P.U., Kemp, K., Subrahmanyan, R., Sitaram, A.R., Lin, J.-H., Ko, J., King, C., Gunderson, C., Kirsch, H.C. A high-performance quadruple well, quadruple poly BiCMOS process for fast 16 Mb SRAMs 63040
Hayden, J.D. *see* Kenkare, P.U. 93660
Hayden, J.D. *see* Taft, R.C. 62965
Hayden, L.A., Tripathi, V.K. Characterization and modeling of multiple line interconnections from time domain measurements 79347
Hayden, L.A. *see* Jyh-Ming Jong 94889
Hayden, R.K., Eaves, L., Henini, M., Maude, D.K., Portal, J.C. Intrinsic bistability and hole-charge buildup in asymmetric p-type resonant-tunneling structures 55868
Haydl, T. *see* Bangert, A. 80820
Haydl, W.H. *see* Bangert, A. 80770
Haydl, W.H. *see* Schlechtweg, M. 80787
Haydock, L., Allcock, R.P., Hampton, R.N. Application of a finite element technique to model an electrical power cable 89265
Haydock, L., Holland, S.A. Non-linear magnetic and electric equivalent circuit models for transient and harmonic analysis of power transformers and traction systems 54057
Haydock, L., Holland, S.A. Transient analysis of power transformers using magnetic and electric equivalent circuits 90064
Haydock, L. *see* Al-Khayat, N. 54058
Haydt, R., Asfour, Y. The Fig board: A parallel DSP solution 70677
Hayduk, M.J. *see* Boncek, R.K. 65823
Hayenga, C.O. *see* Rhodes, C.T. 67812
Hayes, D.R. *see* Lee, R.L. 89197
Hayes, E.J. *see* Chun Loo 75374
Hayes, G.J. *see* Morris, A.S. 62719
Hayes, G.S. *see* Dennis, A.R. 52243
Hayes, J. *see* Lin Yang 50536
Hayes, J.D. *see* Neifeld, A. 63353
Hayes, J.D. *see* Neifeld, M.A. 56307
Hayes, J.F. *see* Ayadi, F. 82783
Hayes, J.F. *see* Ayadi, F. 96938
Hayes, J.F. *see* Ayadi, F. 97274
Hayes, J.F. *see* Ghazi-Moghaddam, F. 75068
Hayes, J.F. *see* Stamatelos, G.M. 85418
Hayes, J.F. *see* Xing Chen 57952
Hayes, J.P. *see* Chakrabarty, K. 91985
Hayes, J.P. *see* Hung-Kuei-Ku 50058
Hayes, J.R. *see* Jong-In Song 49651
Hayes, J.R. *see* Sugeng, B.R.A. 61929
Hayes, L. *see* Saradjian, M.R. 67861
Hayes, M. *see* Friedland, E. 49855
Hayes, M. *see* Liu, S. 85041
Hayes, M.E. New, environmentally safe vapor degreasing process 90954
Hayes, M.H. Iterated function systems for image and video coding 74269
Hayes, M.H., III *see* Sakarya, F.A. 95455
Hayes, M.H., III *see* Vines, G. 85022
Hayes, M.J. Telecommunications service engineering 65466
Hayes, R.R. *see* Schaffner, J.H. 50584
Hayes, S., Grebogi, C., Ott, E., Mark, A. Experimental control of chaos for communication 83898
Hayes, T. *see* Brennan, J.M. 67178
Hayes, T. *see* Kelly, G. 91019
Hayes-Gill, B.R. *see* Craven, M.P. 61843
Haykin, S., Liang Li Modified Kalman filtering 64443
Haykin, S. *see* Dony, R.D. 74509
Haykin, S. *see* Li, B.X. 52628
Haykin, S. *see* Li, B.X. 75593
Haykin, S. *see* Li, L. 64472
Haykin, S. *see* Nohara, T.J. 75677
Haykin, S. *see* Nohara, T.J. 99283
Haykin, S. *see* Yee, P. 74114
Hayne, S., Pendergast, M., Greenberg, S. Implementing gesturing with cursors in group support systems 52073
Haynes, C. *see* Prasad, S.J. 80684
Haynes, D.L. *see* Alton, G.D. 53263
Haynes, D.L. *see* Alton, G.D. 67282
Haynes, D.M., Hepburn, A.R., Goldie, D.M., Marshall, J.M., Pelter, A. The fundamental physical properties of poly(1,4-dithienylbenzene): application to electrochromic displays 56438
Haynes, R.L., Messec, F.L. Codes, standards and recommended practices for electrical systems 60647
Haynes, T.E. *see* Robinson, H.G. 93130
Haynes, W. *see* Fazio, M. 76844
Haynes, W.J. *see* Burger, J. 98570
Haynor, D.R., Harrison, R.L., Lewellen, T.K. Scatter correction for gamma cameras using constrained deconvolution 59312
Haynor, D.R., Kaplan, M.S., O'Sullivan, F.S., Miyaoka, R.M., Pollard, K.R., Harrison, K.R., Lewellen, T.K. Scatter correction in single-photon imaging using multiple energy bins and minimum-risk estimators 98839
Haynor, D.R. *see* Costa, W.L.S. 98835
Haynor, D.R. *see* Harrison, R.L. 98837
Haynor, D.R. *see* Harrison, R.L. 98838
Haynor, D.R. *see* Kaplan, M.S. 98834
Hays, A. *see* Halvorson, C. 83328
Hays, P.B. *see* Jinxue Wang 66420
Hays, S. A 5 megaWatt ramping power supply for the Fermilab Main Injector dipole bus 100347
Hays, T. *see* Hartung, W. 87731
Hayse, J.W. *see* Snider, M.A. 67790
Hayter, A. *see* Fischer, W. 74985
Hayter, A.J., Kwok-Leung Tsui Identification and quantification in multivariate quality control problems 79448
Haythornthwaite, C., Wellman, B., Mantei, M. Media use and work relationships in a research group 51933
Hayton, J. Heating consumption measurement in electrically heated dwellings 79017
Hayward, D.O. *see* Bush, T.L. 62499
Hayward, G. *see* Bennett, J. 99328
Hayward, G. *see* Gachagan, A. 99364
Hayward, G. *see* Hossack, J.A. 97445
Hayward, G. *see* Hutchins, D.A. 99349
Hayward, G. *see* Powell, D.J. 99344
Hayward, J.E., Cassidy, D.T. Nonlinear gain and the spectral output of short-external-cavity 1.3 μm InGaAsP semiconductor diode lasers 83118
Hayward, K. *see* Bourne, J. 65501
Hayward, K.G. *see* Unsoy, M.S. 85827
Hayward, T.D. *see* Vetter, A.M. 67146
Hayward, T.L., Miles, J.W., Houck, J.R., Gull, G.E., Schoenwald, J. SpectroCam-10: a 10 micron spectrograph/camera for the Hale telescope 58790
Hayward, T.L. *see* Stacey, G.J. 66416
Haywood, R.W. *see* McLaren, P.G. 78227
Haywood, S.K. *see* Guy, P. 83114
Hayworth, M. *see* Datte, P. 98455
Hayworth, M.D. *see* Enegren, T. 67084
Hazama, H. *see* Ito, S. 71463
Hazama, R. *see* Ejiri, H. 59215
Hazell, A.B. Recent developments in European high speed rail 54211
Hazell, J. *see* Sayer, M. 93810
Hazen, B. *see* Becker, C. 53608
Hazen, B. *see* Becker, C. 68022
Hazen, B. *see* Becker, C. 88965
Hazen, D.A. *see* Jacobson, M.D. 99181
Hazen, E., Dye, S.T., Gergin, E., Jenko, M., Lozic, T., Mavretic, A., Orlov, D., Varner, G., Jaworski, M. A new multihit digital TDC implemented in a gallium arsenide ASIC 88227
Hazen, E., Dye, S.T., Gergin, E., Jenko, M., Lozic, T., Mavretic, A., Orlov, D., Varner, G., Jaworski, M. A new multihit digital TDC implemented in a gallium arsenide ASIC 98699
Hazen, E. *see* Brown, D. 59084
Hazen, N.L. *see* Wennberg, P.O. 67814
Hazlett, T. *see* Gordon, J.S. 87969
Haznadar, Z., Manenica, G., Berberovic, S., Stih, Z. The implementation of finite element method in electric cable design 92656
Haznadar, Z., Stih, Z., Berberovic, S., Manenica, G. The application of the finite element method in design of electric motors 78592
Hazra, R. *see* Park, S.K. 64617
Hazucha, M. *see* Kizakevich, P.N. 77013
Hazumi, M. *see* Boterenbrood, H. 59186
Hazumi, S. *see* Nakasima, H. 91569
Hdiy, A.El *see* El Hdiy, A.
He, B., Aldea, G.S., Mullen, T., Amoundas, A., Chung, A., Cohen, R.J. Localizing myocardial ischemia by means of body surface Laplacian imaging 67544
He, B. *see* Rao, L. 48884
He, D., Okada, N., Fortmann, C.M., Shimizu, I. Carrier transport in polycrystalline silicon films deposited by a layer-by-layer technique 92922
He, D., Okada, N., Shimizu, I. Carrier transport and structural properties of polysilicon films prepared by layer-by-layer technique 92924
He, G., Wlodarczyk, M.T. Dual-wavelength fiber optic temperature sensor 66394
He, G., Wlodarczyk, M.T., Moore, E.L. Tapered fiber-based diaphragm-type pressure sensor 76022
He, G., Wlodarczyk, M.T., Moore, E.L. Dual-diaphragm fiber-optic pressure sensor 76023
He, G.S., Zhao, C.F., Chi-Kyun Park, Prasad, P.N., Burzynski, R. Dye film leaky waveguide laser 82960
He, H. *see* Anzivino, G. 67353
He, H. *see* Gao, Z. 85122
He, H. *see* Gao, Z. 85123
He, J. Detection of weak Doppler signal in a strong carrier: an equivalent high-Q band-elimination filter 98792
He, J., Cada, M. Phase-matched combined distributed-feedback/Fabry-Perot structure for semiconductor lasers 72828
He, J., Dawson, E. Multistage secret sharing based on one-way function 83997
He, J., Kiesler, T. Enhancing the security of El Gamal's signature scheme 73661
He, J., Leich, H. Speech trajectory recognition in SOFM by using Bayes theorem 95290
He, J. *see* Bai, J.Z. 53324
He, J. *see* Cada, M. 73095
He, J. *see* He, S.-Z. 78245
He, K.R. *see* Bai, J.Z. 53324
He, L., Grillo, D.C., Han, J., Fan, Y., Ringle, M.D., Clark, S.M., Gunshor, R.L., Jeon, H., Salokatve, A., Nurmikko, A.V., Hua, G.C., Otsuka, N. Epitaxial growth of quaternary (Zn,Mg)(S,Se) for pseudomorphic SCH laser structures 91516
He, L., Shi, Z.Q., Anderson, W.A. Interface analysis for cryogenic processed metal/InP 55652
He, L. *see* Becker, C.R. 61260
He, L. *see* Ding, J. 94457
He, L. *see* Doyle, W.D. 50283
He, L. *see* Doyle, W.D. 63212
He, L. *see* Han, J. 54884
He, L. *see* Shi, Z.Q. 100748
He, M. *see* Ahlen, S. 98641
He, M. *see* Kambhamettu, C. 84706
He, M.-Y., Suo, Z., McMeeking, R.M., Evans, A.G., Lynch, C.S. The mechanics of some degradation mechanisms in ferroelectric ceramic actuators 82198
He, M.J. *see* Bai, J.Z. 53324
He, Q. *see* Ellis, W.H. 87974
He, Q.B., Campbell, S., Pochi Yeh, Xiaoyan Ma, Dezhong Shen Compact reflection-grating-based phase conjugator in $KNbO_3$:Fe crystals 73043
He, R., Beck, C.M., Waterfall, R.C., Beck, M.S. Development of capacitance measurements towards tomographic imaging of flames 87422
He, R., Xie, C.G., Waterfall, R.C., Beck, M.S., Beck, C.M. Engine flame imaging using electrical capacitance tomography 53911
He, S., Hu, Y., Strom, S. Electromagnetic reflection and transmission for a stratified bianisotropic slab 73308
He, S. *see* Norgren, M. 94770
He, S.-Z., He, J. Harmonic measurement in time domain in power systems 78245
He, S.S. *see* Lucovsky, G. 93431
He, W. A simulation model for wind-diesel systems with multiple units 68499
He, W. *see* Nonami, K. 94755
He, X., Finney, S.J., Williams, B.W., Green, T.C. An improved passive lossless turn-on and turn-off snubber 49157
He, X., Williams, B.W., Finney, S.J., Green, T.C. Development of energy recovery snubbers using passive components for power converters 80112
He, X., Williams, B.W., Finney, S.J., Green, T.C. Passive lossless turn-on snubber energy recovery in high frequency power converters 90205
He, X., Williams, B.W., Green, T.C. A composite gate turn-off thyristor model and its application 68736
He, X., Williams, B.W., Green, T.C. Composite power switching semiconductor models and their parametric sensitivity analysis 80109
He, X. *see* Diaz, J. 72894
He, X. *see* Diaz, J. 79903
He, X.-F., Kotlicki, A., Meagher, G., Lu, Y.-F., Turrell, B.G. Principles of scanning photomagnetic microscopy using SQUID magnetometers 56258
He, X.-F. *see* Meagher, G. 50416
He, X.-F. *see* Meagher, G. 88095
He, X.G. *see* Jelen, C. 54850
He, X.Z. *see* Chen, S.D. 61302
He, Y., El-Masry, N.A., Ramdani, J., Bedair, S.M., McCormick, T.L., Nemanich, R.J., Weber, E.R. Determination of excess phosphorus in low-temperature GaP grown by gas source molecular beam epitaxy 79842
He, Y., Uno, T., Adachi, S. FDTD analysis of two-dimensional transient scattering of cylindrical wave via buried conducting objects 94808
He, Y. *see* Lampert, C.M. 63486
He, Y.D., Solarz, M. Sensitivity of BP-1 glass detectors etched in methanesulfonic acid 98596
He, Y.D. *see* Ahlen, S.P. 59097
He, Y.D. *see* Westphal, A.J. 53338
He, Y.K. *see* Ansari, K. 100815
He, Y.S., Garrett, L.D., Lee, K.-H., Campbell, J.C. Monolithically integrated silicon nMOS pin photoreceiver 97319
He, Z., Bird, A.J., Ramsden, D., Meng, Y. A 5 inch diameter position-sensitive scintillation counter 59225
He, Z., Ramsden, D., Holder, S.M., Duncan, S.H. Two fast data acquisition and processing systems for a compact gamma-camera 59301
He, Z. *see* Bird, A.J. 88093
He, Z.Y. *see* Lu, M. 74052
He Anming *see* Anming He
He Anzhi *see* Anzhi He
He Bin Electromagnetic compatibility in electric power system automation 77980
He Bin *see* Bin He
He Bingsheng *see* Bingsheng He
He Caolai, Lu Zuliang, Liu Songyin Cross conductivity standard for nonferrous metals at NIM 86924

He Dajun *see* Zheng Zhihang 96092
He Dayu An analysis for power transmission technology from large energy resources 99629
He Dong-Chen *see* Dong-Chen He
He Fachang *see* Shao Yuan 87060
He Fei Chang Lian Tong: a quantum leap in the reform of China's telecommunications 58011
He Fengcheng, Xu Daxiong, Wang Ben Investigation of extraneous noise in pyroelectric IR detector 75994
He Fufa *see* Li Gengyin 53680
He Fufa *see* Li Gengyin 99519
He Gang *see* Gang He
He Geng-xian *see* Geng-xian He
He Guoyu, Jiang Xianzuo, Dai Zhongning, Luo Qiang Electrical design study for offset shaped compact antenna test range 94957
He Hucang *see* Hucang He
He Ji Cheng, Zhang Xi Mei The prospect and exploration of higher electronics education in the 21st century 79197
He Jiali *see* He Jihong 59978
He Jianjun *see* Hu Chundong 53234
He Jianqing *see* Jianqing He
He Jianxun *see* Xia Hongsheng 91213
He Jianxun *see* Xia Hongsheng 91214
He Jihong, He Jiali, Sun Yaming, Li, K.K. Accurate fault location method for extra high voltage transmission lines 59978
He Jin-Liang, Chen Xian-lu, Huang Yong, Zhang Jin-Yu Impulse characteristics of grounding systems of transmission-line towers 99746
He Jin-Liang, Wu Wei-Han Adopting line surge arresters to increase lightning-withstand levels of transmission-lines 99745
He JingXiang *see* JingXiang He
He Junjia *see* Zou Jiyan 60375
He Junxiang *see* Li Chunsheng 84563
He Lee Jin *see* Jin He Lee
He Lei, Chen Song, Zhang Kaihe, Tang Pushan Implement digital/analog mixed-mode simulation in SPICE 80045
He Lei, Zhang Kaihe, Tang Pushan A switch-level fast-timing simulator 80044
He Li *see* Li He
He Li-Ming *see* Li-Ming He
He Lin *see* Huang, C.H.-J. 71894
He Lin *see* Huang, C.H.-J. 93808
He Liu *see* Gregory, E. 93913
He Lixing *see* Wang Wei 87543
He Longqing *see* Longqing He
He Mao-Qi *see* Mao-Qi He
He Mincai, Long Li, Huang Qijun, Chen Binruo, Chen Changsheng Injection phototransistors 52844
He Ming *see* Shi Zhifu 77460
He Mingyi *see* Luo Yishu 85722
He Ping The blind equalization technique for MPSK modulation 95446
He Ping, Zhang Hui, Feng Maoguan The double equalization technique for HF fading channels 96983
He Qing *see* Yang Yonggao 65255
He Renmu *see* Wei Xiaoming 99792
He Renmu *see* Zhou Qingjie 99435
He Renmu *see* Zhou Qingjie 99436
He Ronggui *see* Cui Xiang 90063
He Songhua, Guo Guirong, Zhuang Zaowen A study of high resolution range-polarization reconstruction of radar targets 86564
He Songhua, Sun Wenfeng, Guo Guirong A new data extrapolation algorithm with application in guidance and target recognition 86560
He Songhua, Sun Wenfeng, Guo Guirong A method of range-polarization reconstructing of radar target and its application in target recognition 86561
he Sun Sheng *see* Sun Sheng he
He Tian *see* Yang Sheng Yuan 56181
He Wei *see* Wei He
He Xiaguang *see* Xiaguang He
He Xiao Zhi *see* Zhi He Xiao
He Xiaohai *see* Luo Yisheng 88081
He Xin *see* Xin He
He Xuenong *see* Han Yingduo 53600
He Yangzan *see* Wang Fangzong 99554
He Yanhui *see* Fu Haifan 68120
He Ye *see* Teng Zhimeng 81758
He Yi-Jun *see* Yi-Jun He
He Yi-Qun *see* Yi-Qun He
He Yie *see* Xuejun Cai 66269
He Yixing *see* Hao Zhaoyin 61232
He You *see* You He
He Yousheng *see* Hua Wei 50335
He Yuchen, Zhang Jianhva Study on the electrical characteristics of operating rod for live line work 78138
He Yuchen *see* Zhang Jianhua 78171
He Yuesong *see* Yuesong He
He Zhan *see* Zhan He
He Zhang *see* Zhang He
He Zhao *see* Zhao He
He Zhen-Ya *see* Zhen-Ya He
He Zheng-Hui *see* Chen Jian-Guo 74431
He Zheng-Xu *see* Zheng-Xu He
He Zhenya *see* Zhenya He
He Zhijian *see* Zhijian He
He Zhijun *see* Wang Tao 74265
He Zhili *see* Wang Faji 52921
He Zifan *see* Zifan He
He-Jun Lee, Chul-Hi Han, Choong-Ki Kim Heavily boron-doped silicon membranes with enhanced mechanical properties for x-ray mask substrate 81192
He-Jun Yin *see* Yuan-Zhao Yin 83179
He-Ping Si *see* Nelson, D.J. 53718
He-Ting Ma *see* Ma He-Ting
Hea-Dong Chang *see* Doo-hyun Choi 76060
Headley, T.J. *see* Blum, O. 54852
Headley, T.J. *see* Tuttle, B.A. 56120
Headrick, J. *see* Lucas, D. 73339
Headrick, J.M., Root, B.T., Thomason, J.F. RADARC model comparisons with Amchitka radar data 65904
Headrick, R.L. *see* Weir, B.E. 71086
Heagy, J.F., Carroll, T.L. Chaotic synchronization in Hamiltonian systems 80074
Heagy, J.F., Carroll, T.L., Pecora, L.M. Synchronous chaos in coupled oscillator systems 91933
Heagy, J.F. *see* Hammer, P.W. 80171
Healey, A.J. Towards an automatic health monitor for autonomous underwater vehicles using parameter identification 58631
Healey, G. *see* Kondepudy, R. 96037
Healey, G.E., Kondepudy, R. Radiometric CCD camera calibration and noise estimation 52944
Healy, D., Olson, T., Weaver, J. Reduced motion artifacts in magnetic resonance imaging by adaptive spatio-temporal multiresolution reconstruction 59372
Healy, D. *see* Olson, T. 56917
Healy, D.M., Jr. *see* Jian Lu 74500
Healy, D.M., Jr. *see* Li, S. 57602
Healy, D.M., Jr. *see* Lu, J. 57844
Healy, D.M., Jr. *see* Weaver, J.B. 57843
Healy, D.P. *see* Cittern, J. 96853
Heaney, J.A. *see* Yeh, M.M. 88536
Heang-Ping Chan *see* Cheng, S.N.C. 88421
Heanue, J.F., Bashaw, M.C., Hesselink, L. Recall of linear combinations of stored data pages based on phase-code multiplexing in volume holography 73165
Heanue, J.F., Bashaw, M.C., Hesselink, L. Volume holographic storage and retrieval of digital data 82526
Heanue, J.F. *see* Bashaw, M.C. 83378
Heaps, D.J. *see* Keen, T.G. 89614
Hearn, C.P. An AM detector compatible with SSB-SC 61611
Hearn, C.P. Study examines windowing effects on VNA measurements 97823
Hearn, G. The human impact of converging communication technologies: Entertainmentisation, social change and saturation 96324
Hearn, W.E., Wright, M.E. A fully integrated 16 channel digitally trimmed pulse shaping amplifier 82066
Hearn, W.E., Wright, M.E. A fully integrated 16 channel digitally trimmed pulse shaping amplifier 98683
Hearshen, D.O. *see* Soltanian-Zadeh, H. 53378
Heary, K.P., Chaberski, A.Z., Richens, F., Moran, J.H. Early streamer emission enhanced air terminal performance and zone of protection 53814
Heasell, E.L. A comment on "The GTCC stored charge model" 49941
Heasman, K.C. *see* Bruton, T.M. 100729
Heath, H.F. *see* Galagedera, S.B. 88240
Heath, H.F. *see* Morgado, C.J.S. 88239
Heath, H.F. *see* Morgado, C.J.S. 98581
Heath, J.R., Gates, S.M., Chess, C.A. Nanocrystal seeding: a low temperature route to polycrystalline Si films 70077
Heath, J.R. *see* Tae Won Cho 55083
Heath, J.S. *see* Grochowski, E.G. 50365
Heath, L.S. *see* Tihanyi, P.L. 72914
Heath, M.R. *see* Newson, P. 65609
Heath, R. *see* Fieret, J. 63666
Heath, S. Multimedia standards and interoperability 96394
Heath-Brown, D.R., Tsang, K. Sign changes of $E(T)$, $\Delta(x)$, and $P(x)$ 91269
Heatherly, L. *see* Wang, Z.L. 79935
Heathershaw, A.D., Newton, T.J., Warwick, D.R. Data compression for 3-D oceanographic fields using empirical orthogonal functions 99297
Heatley, D. *see* Cochrane, P. 86419
Heatley, D.J.T. *see* Cochrane, P. 52475
Heatley, D.R., Vitrant, G., Kevorkian, A. Simple finite-difference algorithm for calculating waveguide modes 50511
Heaton, J.A.T. *see* Raymund, T.D. 65907
Heaton, J.M. *see* Berry, G.M. 50527
Heaton, J.M. *see* Jenkins, R.M. 72389
Heazle, K.D. *see* Leech, P.W. 49870
Hebderson, J.H., Baginski, T.A. Two novel monolithic silicon substrate slapper detonators 69299
Heben, M.J. *see* Tsuo, Y.S. 100473
Hebenstreit, G. *see* Moustafa, M.S. 99247
Heber, A.J. *see* Morcos, M.M. 69289
Heber, J. *see* Schafer, U. 73030
Heberle, A.P., Zhou, X.Q., Tackeuchi, A., Ruhle, W.W., Kohler, K. Dependence of resonant electron and hole tunnelling times between quantum wells on barrier thickness 62266
Heberlein, J. *see* Zhou, X. 62040
Heberlein, J. *see* Zhuang, Q.D. 70080
Heberlein, L.T. *see* Mukherjee, B. 58057
Heberling, D., Becks, T., Pan, S.-G., Wolff, I. Theoretical and experimental characterisation of an antenna for a digital radiotelephone handset 58317
Heberling, D. *see* Becks, T. 57306
Hebert, J. *see* Lenz, J.W. 76529
Hebert, J. *see* Saadatmand, K. 76386
Hebert, J.E., Datte, P., Guy, F.W., Okay, N.C., Saadatmand, K., Sage, J., Wetherholt, D.M., Whittenberg, W.A. Emittance measurement and data analysis for the SSC linac injector lab 76607
Hebert, J.E. *see* Saadatmand, K. 53183
Hebert, P.L. *see* Cronin, F.J. 58027
Hebert, T.J. A union of deterministic and stochastic methods for image reconstruction 59307
Hebing Zhang *see* Okada, Y. 100153
Hebley, J. *see* McGehee, J. 62918
Hebling, J. *see* Seres, J. 94365
Hebrank, F. *see* Lemke, S. 67298
Hebrank, F.X. *see* Gutmann, P. 87405
Hebrard, L. *see* Mathias, H. 91726
Hebron, D.E. *see* Fehl, D.L. 67411
Hebuterne, G. *see* Rosenberg, C. 96202
Hechenberger, V., Schell, M. Salvage and recycling of cable installations 68239
Hecht, A., Leutiger, M. More functions for software IQSIM-K allow new digital modulation applications 52757
Hechtman, C.D., Lenzing, E.H., Perlman, B.S. On the use of planar scattering problem techniques to analyze thin planar quasi-magneto-static shielding 73384
Hechtman, C.D. *see* Hsue, C.-W. 51160
Heck, J. *see* Deis, G. 87958
Heck, J. *see* Heim, J. 88070
Heck, L.P. Signal processing research in automatic tool wear monitoring 69555
Heck, L.P., McClellan, J.H. Subspace techniques for large-scale feature selection 84389
Heck, L.P. *see* Reeves, S.J. 84296
Heck, W. *see* Baumgartner, A. 81106
Hecke, H.van *see* van Hecke, H.
Hecke, P.Van *see* Van Hecke, P.
Heckenberg, N.R. *see* Li, M.Y. 56615
Hecker, Y.C., Bolle, R.M. On geometric hashing and the generalized Hough transform 84611
Heckert, G.P. *see* Wright, C.H.G. 77112
Heckingbottom, R. *see* Cochrane, P. 86419
Hecox, K.E. *see* Chen, J. 76871
Hecquet, M., Brochet, P., Lemaire-Semail, B. Simulation of rotating synchronous machines by means of coupled network models 89882
Hedberg, M. *see* Izzard, M.J. 70712
Hedby, G. Error bounds for the Euclidean channel subject to intentional jamming 73717
Heddaya, A., Park, K., Sinha, H. Using Warp to control network contention in Mermera 52022
Hedderich, W. Dynamic continuous power systems—a technology whose time has come 68705
Hede Ma A customer-oriented test-estimation test 82051
Hedelin, P. *see* Hagen, R. 73833
Hedemann, M.A. *see* Fehl, D.L. 67411
Hedemann, M.A. *see* Johnson, D.E. 87113
Heden, O. A binary perfect code of length 15 and codimension 0 57394
Hedenstrom, C. *see* Swisher, J. 100922
Hedge, H. *see* Levy, M. 72495
Hedge, S.J., Habiger, C.M., Lea, R.M. 3D-WASP devices for on-line signal and data processing 80349
Hedge, T.C., Landmann, B., Bidstrup, S.A., Kohl, P.A. Rapid thermal curing of polymer interlayer dielectrics 49842
Hedges, P. *see* Warwick, M. 92707
Hedges, P. *see* Warwick, M. 92745
Hedia, H. *see* Henrotte, F. 80953
Hedlund, B., Ingman, K. Custom-built integrated circuits for sophisticated applications 55349
Hedlund, C., Blom, H.-O., Berg, S. Microloading effect in reactive ion etching 93224
Hedrick, G.E. *see* Doong, D.W. 96583
Hedrick, G.E. *see* Zhengou Wang 96768
Hedrick, J.K. *see* Choi, S.-B. 60606
Hedstrom, B.A. *see* Kirlin, R.L. 69410
Hedstrom, J., Ohlsen, H., Bodegard, M., Kylner, A., Stolt, L., Hariskos, D., Ruckh, M., Schock, H.-W. ZnO/CdS/Cu(In,Ga)Se_2 thin film solar cells with improved performance 100487
Hee Chan Park *see* Kyung Hyun Cha 98169
Hee Chang Kim, Ki Man Kim, Sang Tack Park, Il Whan Cha, Dae Hee Youn An adaptive escalator beamformer with linear constraints 84193
Hee Cheol Yun *see* Guenter, B.K. 57810
Hee Do Man *see* Man Hee Do
Hee Don Seo, Geun Bae Lim, Se Gon Choi Fabrication of relative-type capacitive pressure sensor 87070
Hee Han Joon *see* Joon Hee Han
Hee Hong Chan *see* Chan Hee Hong
Hee Kim Chong *see* Chong Hee Kim
Hee Kyo Jeong *see* Ki Sig Kang 68387
Hee Lee Sang *see* Sang Hee Lee
Hee Lee Seung *see* Seung Hee Lee
Hee Lee Yun *see* Yun Hee Lee
Hee Won Jae *see* Jae Hee Won
Hee Wook Ahn, Byeong Rim Jo, Myung Joong Youn Improved performance current regulated

delta modulator in series resonant inverter for induction heating application 90666
Hee Wook Ahn *see* Byeong Rim Jo 61557
Hee Wook Ahn *see* Byeong Rim Jo 90213
Hee Wook Ahn *see* Gun Woo Moon 90212
Hee Yong Youn *see* Choong Gun Oh 55305
Hee Youn Dae *see* Dae Hee Youn
Hee-Gook Lee *see* Ahn, J.H. 70559
Hee-Heon Song *see* Seong-Whan Lee 84637
Hee-Joong Yun, Sung-Soo Kim CW Nd:YAG laser (1.06 μm) annealing effects of ion implanted polycrystalline silicon over SiO_2 71240
Hee-Jung Cho *see* Hee-Tae Kim 71983
Hee-Sook Choi *see* Young-Uk Cha 85848
Hee-Tae Kim, Yoon-Bae Kim, Hee-Jung Cho, Kyu-Won Lee, Chang-Suk Kim, Taik-Kee Kim, Hyuk-Moo Kwon Structure and magnetic properties of $Sm_{1-x}Nd_xFe_{11}Ti$ alloys 71983
Heedon See *see* Young-Tae Lee 66237
Heedon Seo *see* Jongdae Park 67450
Heedt, C., Buchali, F., Prost, W., Brockerhoff, W., Fritzsche, D., Nickel, H., Losch, R., Schlapp, W., Tegude, F.-J. Drastic reduction of gate leakage in InAlAs/InGaAs HEMT's using a pseudomorphic InAlAs hole barrier layer 93492
Heedt, C. *see* Auer, U. 56043
Heedt, C. *see* Kunzel, H. 93507
Heedt, C. *see* Scheffer, F. 56042
Heegard, C. *see* Shamoon, T. 58611
Heeger, A. Conducting polymers: novel materials for novel devices 61432
Heeger, A.J. *see* Halvorson, C. 83328
Heeger, A.J. *see* Lee, C.H. 72596
Heeger, A.J. *see* Pakbaz, G.Yu.K. 66365
Heeger, A.J. *see* Yu, G. 94293
Heeger, A.J. *see* Zhang, C. 56573
Heek, A.I.van *see* van Heek, A.I.
Heel, F., Ottl, H., Zink, M. Calibration of SIR-C/X-SAR data, equipment and planned operation of the Oberpfaffenhofen test site 77713
Heeman-Ilieva, M.B., Udalov, Yu.B., Witteman, W.J. New trend in the technology of CW RF-excited sealed CO_2 waveguide lasers 82942
Heeman-Ilieva, M.B. *see* Udalov, Yu.B. 82943
Heemskerk, R., Wang, S.L., Klapwijk, T.M. Low electron densities and spin dependent scattering in the quantum Hall regime in Si-MOSFETs 55947
Heemyong Park, Jones, K.S., Slinkman, J.A., Law, M.E. The effects of strain on dopant diffusion in silicon 93122
Heemyong Park, Robinson, H., Jones, K.S., Law, M.E. Diffusion-limited interaction of dislocation loops and interstitials during dry oxidation in silicon 71363
Heer, E. *see* Martin, A. 67356
Heerden, S.P.van *see* van Heerden, S.P.
Heeren, R.M.A., de Graaf, M.J., Ciric, D., Hopman, H.J., Kleyn, A.W. Angular and energy distributions of surface produced H^- and D^- ions in a barium surface conversion source 59052
Heeres, B.J., Novotny, D.W., Divan, D.M., Lorenz, R.D. Contactless underwater power delivery 99668
Heering, P.de *see* de Heering, P.
Heers, S.T. *see* Andre, A.D. 99055
Heesch, E.J.M.Van *see* Van Heesch, E.J.M.
Heese, R. *see* Whitham, K. 67008
Heethaar, R.M. *see* Nijhof, E.-J. 67528
Heever, D.A.Van Den *see* Van Den Heever, D.A.
Hefferon, G. *see* Conley, W. 81650
Hefferon, G.J. *see* Jagannathan, P. 81615
Heffner, B.L. Single-mode propagation of mutual temporal coherence: equivalence of time and frequency measurements of polarization-mode dispersion 72324
Hefley, P. *see* Dunn, C. 61695
Hefner, A.R., Blackburn, D.L. Thermal component models for electrothermal network simulation 80051
Hefner, A.R., Jr A dynamic electro-thermal model for the IGBT 55134
Hefner, A.R., Jr., Diebolt, D.M. An experimentally verified IGBT model implemented in the Saber circuit simulator 93382
Hefner, H.-A. *see* Seibt, M. 81447
Hegaard, N. *see* Heydorn, K. 55703
Hegao Cai *see* Cai Hegao
Hegarty, J. *see* Mitchell, N.F. 72430
Hegarty, J. *see* Phelan, P. 50723
Hegazy, E.S.A. *see* El-Sharabasy, S.A. 78167
Hegblom, E. *see* Chao, T.-H. 56488
Hegde, H. *see* Navarathna, A. 50196
Hegde, K. *see* Nandakumar, V.N. 68571
Hegde, M.V., Min, P.S., Rayes, A. State dependent routing: traffic dynamics and performance benefits 85353
Hegde, M.V., Naraghi-Pour, M., Xiaowei Chen Convolutional coding for finite-state channels 64312
Hegde, M.V. *see* Saidi, H. 64974
Hegde, R. *see* Anantharaman, V. 87589
Hegde, R.I. *see* Kenkare, P.U. 93660
Hegde, R.I. *see* Okada, Y. 71667
Hegde, R.I. *see* Okada, Y. 81495
Hegde, R.I. *see* Pfiester, J.R. 70482
Hegde, R.I. *see* Tobin, P.J. 71374
Hegde, R.K. *see* Nandi, S. 68203
Hegde, S.M. *see* Brown, G.J. 71179
Hegedus, F. *see* Waeber, W.B. 87938
Hegedus, S., Buchanan, W. Understanding graded a-SiGe solar cells using bifacial photocurrent collection 100693
Hegedus, S. *see* Byrne, J. 79003
Hegedus, S.S. *see* Luft, W. 90404
Hegedus, Z.S. *see* Hibino, K. 56934
Heger, A.S. *see* Banjac, V. 88704
Heger, A.S. *see* Holbert, K.E. 84249
Heggestad, H.M., Forgie, J.W., Lam, T., McElwain, C.K. Call-by-call simulator for telephone networks 74882
Heglund, W.S. *see* Ferreira, C. 68553
Heglund, W.S. *see* Ferreira, C.A. 69068
Hegmann, F.A., Hughes, R.A., Preston, J.S. High speed kinetic inductive bolometric photoresponse of epitaxial $YBa_2Cu_3O_{7-\delta}$ thin films 66356
Hegner, H.R., Whitesel, H.K. Study of fiber optic sensor reliability, durability and failure modes for shipboard machinery 52911
Heh, S.J. *see* Chin, T.S. 50188
Heh-Sen Lin Micropower custom CMOS integrated circuits for an implantable cardiac pacemaker 77062
Hehl, K., Fritsch, J., Xu, G. Carborne gravimetry—merely a trial or a method for determining gravity on a profile? 65968
Hehman, L. Advanced technology plastic bonded electrode nicad batteries in high performance and UPS applications 68956
Hehmann, D. *see* Delgrossi, L. 65126
Hehmann, D. *see* Holfelder, W. 58043
Hei-Fen Yu *see* Yu Hei-Fen
Heiberger, M., Morris, D.G. Demonstration of a 67 kA vapor-cooled current lead with improved thermal efficiency 72267
Heiberger, M. *see* Luongo, C.A. 94002
Heiblum, M. *see* Brill, B. 71713
Heiblum, M. *see* Buks, E. 71146
Heics, R.C., Havard, D.G. Influence of vibration recorders on conductor vibration 68261
Heid, L., Degerstrom, M., Nelson, C., Priest, E., Katopis, G. Designing for signal integrity in high speed systems 91032
Heid, L. *see* Bhatia, H. 91058
Heida, J.P. *see* Gao, J.R. 55589
Heidari, S. *see* Nikias, C.L. 77005
Heidari-Bateni, G., McGillem, C.D. A chaotic direct-sequence spread-spectrum communication system 58286
Heide, C.F. *see* Bernstein, R.W. 61831
Heide, D.A. *see* Thomas, G. 75385
Heide, J.A.van der *see* van der Heide, J.A.
Heide, P., Schubert, R., Magori, V., Schwarte, R. "24 GHz low-cost Doppler sensor with fundamental-frequency GaAs pseudomorphic HEMT oscillator stabilized by dielectric resonator operating in higher-order mode" 87168
Heidel, D.F. *see* Jenkins, K.A. 93623
Heidelberger, P. *see* Cheng-Shang Chang 74666
Heideman, B. *see* Seidler, W. 82077
Heideman, J.L.P. *see* Mohlmann, G.R. 82880
Heidemann, B. *see* Schmiedeskamp, B. 56504
Heidemann, K.F. *see* Schmiedeskamp, B. 56504
Heidemann, R. Technologies for analogue CATV and the evolution to digital interactive video 52710
Heidemann, R., Hofstetter, R. Fibre-optic mm-wave generation and distribution for traffic information systems and wide-area wireless LAN 52499
Heidemann, R., Hofstetter, R., Schmuck, H. Fibre-optic technologies for 30/60 GHz pico-cellular PCN and mobile systems 97093
Heidemann, R. *see* Chesnoy, J. 97334
Heidemann, R. *see* Kaiser, N. 52513
Heidemann, R. *see* Krimmel, H.G. 52714
Heiden, C. *see* Muck, M. 56266
Heiden, C. *see* Muck, M. 93947
Heiden, C. *see* Ustinov, A.V. 80670
Heidich, E. *see* Rostan, F. 58487
Heidinger, R. *see* Birch, J.R. 76149
Heidler, K. The end of phantom efficiencies: quality assurance for the ultimate in solar cell measurement quality 100712
Heidler, K. *see* Bucher, K. 100717
Heidler, K. *see* Stryi-Hipp, G. 100475
Heidorn, K.C. *see* Skey, S.G.P. 99168
Heidrich, D. *see* Silber, C. 77643
Heidrich, E., Wiesbeck, W. Numerical analysis of near-fields of antennas in the short-wave band 57207
Heidrich, E. *see* Rostan, F. 57279
Heidrich, H. *see* Kaiser, R. 56593
Heidrich, H. *see* Kaiser, R. 86348
Heidtmann, K. Computer network topology reliability analysis 96619
Heieh, J.J. *see* Chung-En Zah 63780
Heier, U. *see* Baumgartner, A. 81106
Heifets, S. Perturbation theory of broadband impedances 87733
Heifets, S. Broadband impedance of the B Factory 87734
Heifets, S. Broadband impedances of accelerating structures: perturbation theory 98444
Heifets, S. *see* Ruth, R.D. 66791
Heifets, S.A., Kheifets, S.A. Study of a detuned accelerating section with the computer program PROGON 87735
Heijink, R.J. FAITH, a general purpose protocol test system for ISDN 85872
Heijkenskjold, L. *see* Andersson, K. 55932
Heijmans, H.J.A.M. On the construction of morphological operators which are self-dual and activity-extensive 73981
Heijne, E. *see* Bates, S.J. 53308
Heijne, E.H.M. *see* Anghinolfi, F. 53345
Heijne, E.H.M. *see* Anghinolfi, F. 88228
Heijne, E.H.M. *see* Anghinolfi, F. 98663
Heijne, E.H.M. *see* Borer, K. 53347
Heijne, E.H.M. *see* Borer, K. 98687
Heijne, E.H.M. *see* Bosisio, L. 59074
Heijne, E.H.M. *see* Cristoloveanu, S. 71642
Heijne, E.H.M. *see* Dierickx, B. 67378
Heijne, E.H.M. *see* Lemeilleur, F. 76757
Heijns, M. *see* Werkhoven, C. 62493
Heikes, C. A 4.5 mm^2 multiplier array for a 200 MFLOP pipelined coprocessor 92126
Heikes, R.R. How can Europe succeed in microelectronics? 90709
Heikkila, H., Vaananen, J. Reflection of long game formulas 69692
Heikkonen, J. Recovering translational motion parameters from image sequences using randomized Hough transform 95689
Heikkonen, J., Koikkalainen, P. Understanding object motion via self-organization 57795
Heil, F. *see* Hoefer, S. 84953
Heilbronn, B. *see* Jourdin, P. 59768
Heilbronn, B. *see* Liu, X. 77906
Heilbronn, B. *see* Wehenkel, L. 59680
Heilbronn, L. *see* Zeitlin, C.J. 87954
Heilig, M.L. United States Patent Office: stereoscopic-television apparatus for individual use 66078
Heilig, R., Hollmann, D., Baumann, G. A monolithic 2-52 GHz HEMT matrix distributed amplifier in coplanar waveguide technology 80825
Heilig, R., Hollmann, D., Baumann, G. A monolithic 2-52 GHz HEMT matrix distributed amplifier in coplanar waveguide technology 92611
Heiliger, L. *see* Kauffmann, F. 58668
Heilmann, A. *see* Savchuk, A.V. 50450
Heilmann, A. *see* Savchuk, A.V. 63350
Heilmann, R. *see* Hansel, H.G. 50792
Heilmeier, G.H. Strategic technology for the next ten years and beyond 51887
Heim, D.E. On the track profile in magnetoresistive heads 72159
Heim, D.E., Fontana, R.E., Jr., Tsang, C., Speriosu, V.S., Gurney, B.A., Williams, M.L. Design and operation of spin valve sensors 72133
Heim, D.E. *see* Wang, P.-K. 50340
Heim, G.J. *see* La Fontaine, J. 53866
Heim, J., Bowers, J., Deis, G., Johnson, C., Oberst, G., Pedrotti, L., Swan, J., Warren, R., Wineman, S., Yamamoto, R., Camille, R., Marston, P., Minervini, J., Pillsbury, R., Piek, Z., Smith, B., Sullivan, J., Vieira, R., East, G., Myatt, R., Myatt, S., Titus, P., Krupczak, J., Martovetsky, N., Reardon, P., Richardson, R., Richied, D., Stroynowski, R., Johnson, R., Bohanon, J., Gertsen, J., Heck, J., Howell, N. Plans for building the largest thin solenoid ever 88070
Heim, J. *see* Deis, G. 87958
Heim, J.R. *see* Hassenzahl, W.V. 82468
Heim, J.R. *see* O'Connor, T.G. 82469
Heim, P., Vittoz, E.A. Precise analog synapse for Kohonen feature maps 80521
Heim, P. *see* Thiran, P. 61846
Heimann, P. *see* Chun-Xi Wang 87737
Heimann, P.A. *see* Mossessian, D.A. 88284
Heimbuch, M.E. *see* Jayaraman, V. 56785
Heimbuch, M.E. *see* Jayaraman, V. 83112
Heimbuch, M.E. *see* Lee, S.-L. 63483
Heimburger, C. *see* Bolender, N. 97543
Heime, K. *see* Kohl, A. 54921
Heime, K. *see* Mesquida Kusters, A. 56032
Heime, K. *see* Opitz, B. 56556
Heime, K. *see* Sommer, V. 56037
Heime, K. *see* Wiesner, U. 55587
Heimes, J. *see* Girodet, A. 54132
Heimes, K. *see* Braun, R.-P. 58269
Heimsath, S.J. *see* Yasillo, N.J. 98821
Heimsch, W. *see* McTiffin, M.J. 75311
Hein, B. *see* Hessenmuller, H. 86797
Hein, B. *see* Hessenmuller, H. 97634
Hein, C.M. Driving simulators: six years of hands-on experience at Hughes Aircraft Company 99056
Hein, D.W. *see* Peelo, D.F. 77889
Hein, G.W. *see* Blomenhofer, H. 65976
Hein, H. *see* Baars, J.W.M. 58526
Hein, H. *see* Greve, A. 97504
Hein, H. *see* Vollmer, J. 68924
Hein, I.A. Multi-directional ultrasonic blood flow measurement with a triple beam lens 98782
Hein, L. Design methodology in practice 60906
Hein, M.A., Strupp, M., Muller, G., Piel, H., Zhang, Y., Braginski, A.I. Effect of different coupling modes on the high frequency response of YBCO microwave SQUIDs 93944
Hein, M.A. *see* Chaloupka, H.J. 92549
Hein, S. Finite difference time-domain approximation of Maxwell's equations with non-orthogonal condensed TLM mesh 57157

Hein, S., Zakhor, A. Reconstruction of oversampled band-limited signals from $\Sigma\Delta$ encoded binary sequences 57545
Hein, S., Zakhor, A. Theoretical and numerical aspects of an SVD-based method for band-limiting finite-extent sequences 64440
Hein, S., Zakhor, A. Halftone to continuous-tone conversion of error-diffusion coded images 85013
Heinanen, J. Rolling-out ATM based network services 85454
Heindel, L.E., Schlieber, K.J. Total systems management in open architecture provisioning systems 74749
Heindel, L.E. *see* Andreula, J.J. 75048
Heindorff, T. *see* Bauch, A. 86859
Heine, F., Heumann, E., Danger, T., Schweizer, T., Huber, G., Chai, B. Green upconversion continuous wave Er^{3+}:$LiYF_4$ laser at room temperature 72763
Heine, M. *see* Graf, H.H. 59893
Heine, N. *see* Kampert, K.-H. 98503
Heine, S., Neumann, I. Information systems for load-data analysis and load forecast by means of specialised neural nets 99627
Heinecke, H., Veuhoff, E. Growth mechanism on patterned surfaces and applications using metalorganic growth technologies 54928
Heinecke, R.A. *see* Llewellyn, I.P. 61361
Heineman, W.R. *see* Landis, D.A. 66385
Heinemann, G., Pfob, H. Study of thyroid cancers amongst children of Chernobyl by visiting scientists 60054
Heinemann, S. *see* Schmitt, N.P. 82989
Heinen, G. *see* Lamson, M. 91066
Heinen, J.A. *see* Dimino, S.A. 95250
Heinig, K.-H. *see* Reiss, S. 55662
Heinila, J. *see* Kormano, M. 66016
Heinke, H. *see* Becker, C.R. 61260
Heinke, H. *see* Einfeldt, S. 69944
Heinke, H. *see* Ruppert, P. 61288
Heinke, H. *see* Waag, A. 69995
Heinke, H. *see* Waag, A. 71284
Heinlein, J. *see* Kuskin, J. 49475
Heinlein, W.E. *see* Deutsch, B. 56724
Heinlein, W.E. *see* Klar, A. 86402
Heinlein, W.E. *see* Meier, J.E. 82612
Heinloth, K. *see* Schwille, W.J. 76785
Heino, P., Karvonen, I., Pettersen, T., Wennersten, R., Andersen, T. Monitoring and analysis of hazards using HAZOP-based plant safety model 60882
Heinrich, A. *see* Gladun, C. 92982
Heinrich, B., Celinski, Z., Liao, L.X., From, M., Cochran, J.F. "Loose spins" in Fe/Cu/Fe(001) structures 63185
Heinrich, H.-J. *see* Hofmann, M. 50845
Heinrich, M. *see* Kuskin, J. 49475
Heinrich, R., Heinrigs, W., Tempel, G., Winnerl, J., Zettler, T. A 0.5 μm CMOS technology for multifunctional applications with embedded FN-flash memory and linear R and C modules 92420
Heinrich, S. Complexity theory and Monte Carlo algorithms in numerical analysis 79647
Heinrich, W. *see* Beilenhoff, K. 92599
Heinrich, W. *see* Dreute, J. 70477
Heinrich, W. *see* Gungerich, V. 80846
Heinrich, W. *see* Klingbeil, H. 73417
Heinrich, W. *see* Metzger, S. 70476
Heinrich, W. *see* Mezzanotte, P. 80745
Heinrich-Goldner, E., Schnaars, G., Scholz, J. Broadband applications and services on the 'test bench' 75072
Heinrichs, B., Reinhardt, W., Stainov, R. The DYCE concept — architecture and implementation strategies 51857
Heinrichs, B. *see* Jolfaei, M.A. 74943
Heinrichs, B. *see* Jolfaei, M.A. 85750
Heinrichs, H. *see* Nordberg, E. 66815
Heinrichs, M.A.W. *see* Scherer, G.B. 98911
Heinrichs, W. Spectral multigrid methods for domain decomposition problems using patching techniques 48866
Heinrichs, W. Spectral methods for singular perturbation problems 91387
Heinrichsdorff, F. *see* Schnabel, R.F. 54929
Heinricy, J.W. *see* McLellan, D.R. 78978
Heinrigs, W. *see* Heinrich, R. 92420
Heins, K. Use of FPGAs (Field Programmable Gate Arrays) for risk-less verification and rapid production of ASIC prototypes 61654
Heinstadt, J. Far-field synthesis of linear radiator arrays in stripline technology with consideration of coupling 57278
Heintz, C. *see* D'Alto, V. 86729
Heintz, F. *see* Dietz, R. 66266
Heintz, F. *see* Zabler, E. 60589
Heintze, J. *see* Aling, H. 68432
Heintze, N., Tygart, J.D. A model for secure protocols and their compositions 57980
Heintzman, R.J. The role of technology assessment in training system definition 59663
Heinz, D. Minimal cost active and reactive power management in high and ultra-high voltage networks 53659
Heinz, R.M. *see* Bower, C.R. 98499
Heinze, O. *see* Sohne, W. 65963
Heinzel, A. *see* Ledjeff, K. 54148
Heinzel, T. *see* Gossner, H. 62593
Heinzmann, G., Czolk, R., Ache, H.J. Investigation of the stability of an optochemical nitrate sensor 58666
Heinzmann, U. Analysis of cloud type and distribution using NOAA-AVHRR-APT data and ground observations in the Upper Rhine Valley 67820
Heinzmann, U. *see* David, R. 53105
Heinzmann, U. *see* Schmiedeskamp, B. 56504
Heise, G. *see* Clemens, P.C. 82700
Heisel, F. *see* Cunin, B. 50157
Heiser, G. *see* Aberle, A.G. 69001
Heiser, G. *see* Aberle, A.G. 100569
Heisig, K. *see* Zozime, A. 81183
Heiska, K. *see* Pulliainen, J. 67919
Heiska, K. *see* Pulliainen, J.T. 88864
Heismann, F. Analysis of a reset-free polarization controller for fast automatic polarization stabilization in fiber-optic transmission systems 63461
Heismann, F., Buhl, L.L., Miller, B.I., Newkirk, M., Koren, U., Young, M.G., Alferness, R.C. Polarization-independent wavelength filter using a grating-assisted vertical directional coupler in InP 50712
Heismann, F., Gray, D.A., Lee, B.H., Smith, R.W. Electrooptic polarization scramblers for optically amplified long-haul transmission systems 86483
Heiss, C.P. Management solutions for the environment through adapted quality management 77570
Heiss, C.P. *see* Osanna, P.H. 75872
Heiss, H., Wallmeier, E., Rigolio, G., Toniatti, T. Performance design of an ATM node on the basis of the experience from the BLNT RACE project 57941
Heiss, H. *see* Klein, W. 56024
Heiss, W., Unterrainer, K., Gornik, E., Hansen, W.L., Haller, E.E. Influence of impurity absorption on germanium hot-hole laser spectra 63853
Heissmeier, M. *see* Schwider, J. 50543
Heisterkamp, P. *see* McGlashan, S. 51423
Heitbrink, A., Storzer, H.D., Beyer, A. Numerical methods and measurement systems for nonlinear magnetic circuits 64118
Heitmann, J. The influence of digital transmission methods on studio technology for radio and television 58541
Heitmann, J.K.R. *see* Schiffler, W. 86769
Heitmann, R. Ultra-fine pitch technology: assembly challenges and considerations 60968
Heitmann, W., Klein, K.-F. Optical fibre lowpass filters 52501
Heitz, F. *see* Kervrann, C. 64774
Heitz, F. *see* Kervrann, C. 84680
Heitz, F. *see* Memin, E. 74599
Heitz, R. *see* Hoffmann, A. 71303
Heitz, R. *see* Krause, E. 61376
Heitz, W. *see* Vestweber, H. 72636
Heiuchi, H. *see* Suzuki, K. 92288
Heizmann, F. *see* Gleim, G. 86793
Hejda, P., Kapicka, A., Petrovsky, E., Sjoberg, B.A. Analysis of hysteresis curves of samples with magnetite and hematite grains 71951
Hejman, T. *see* Tarczynski, W. 90233
Hejn, K., Krukowski, A. An insight into a digital sensor for $\Delta\Sigma$ modulator investigation 97940
Hekking, F.W.J. *see* Glazman, L.I. 56259
Hekking, F.W.J. *see* Odintsov, A.A. 62298
Hel-Or, Y., Werman, M. Constraint-fusion for interpretation of articulated objects 84791
Helal, I., Sharaf, A.M., Smolinski, W.J., Hill, E.F., Marshall, W.K., Thorne, D.H., Milton, B.E. A fuzzy logic based approach for HL1 reliability evaluation 99459
Helal, M., Legier, J.F., Pribetich, P., Kennis, P. Full-wave analysis using a tangential vector finite-element formulation of arbitrary cross-section transmission lines for millimeter and microwave applications 57158
Helal, M., Legier, J.F., Pribetich, P., Kennis, P. Analysis of planar transmission lines and microshield lines with arbitrary metallization cross sections using finite elements methods 80849
Helali, H. *see* Allard, B. 93347
Helary, J.-M., Mostefaoui, A., Raynal, M. Determining a global state in a distributed system 96153
Helberg, A.S.J., Clarke, W.A., Ferreira, H.C., Vinck, A.J.H. A class of DC free, synchronization error correcting codes 51342
Helbig, J., Kelb, P. An OBDD-representation of statecharts 49077
Helbig, K. *see* Frohberg, W. 57947
Helbig, R. Progress in new materials for power electronics: SiC 55583
Helbig, R. *see* Ruff, M. 62633
Helbig, R. *see* Schmitt, J. 71391
Helbig, W.A. *see* Zina Ben-Miled 84369
Helbing, S.G., Karady, G.G. Investigations of an advanced form of series compensation 68182
Held, A., Abe, K. On the decomposition of binary shapes into meaningful parts 57863
Held, A., Abe, K. On approximate convexity 64700
Held, A., Abe, K., Arcelli, C. Towards a hierarchical contour description via dominant point detection 64828
Held, E. *see* Veitch, R.J. 50284
Held, G. Software spotlight. The Sectra Server for DOS 52029
Held, G. Cooperative processing: the key to efficient client server operations 52075
Held, M. *see* Herpel, H.-J. 49473
Held, M. *see* Wuchen Wu 61516
Held, R., Serafin, J., Fullmann, M., Constapel, R., Korec, J. Investigation of static and dynamic characteristics of SOI-LDMOSFETs passivated with semi-insulating layers 55974
Helene, O. *see* Tsai, S.P. 67387
Helfer, D., Frenz, M., Romano, V., Weber, H.P. Fibre-end micro-lens system for endoscopic erbium-laser surgery applications 53445
Helferty, J.P., Mudgett, D.R., Dzielski, J.E. Trajectory optimization for minimum range error in bearings-only source localization 95452
Helfinstine, J.D. *see* Glaesemann, G.S. 94104
Helfrich, J.A. *see* Lundquist, P.M. 73102
Helfrich, W.J. *see* Checca, E.L. 59953
Helgeson, W.D. *see* Loubriel, G.M. 63577
Helkey, R. *see* Mar, A. 83160
Hell, P., Zhou, H., Zhu, X. Multiplicativity of oriented cycles 48774
Hellal, A. *see* Aggoune, M.E. 99551
Helland, A.R. *see* Willing, W.E. 55220
Hellborg, R. *see* Dymnikov, A. 66903
Hellborg, R. *see* Dymnikov, A. 87813
Hellborg, R. *see* Jonsson, G. 88204
Hellebrand, S., Wunderlich, H.-J. Synthesis of self-testable controllers 49482
Hellebrand, S., Wunderlich, H.-J. An efficient procedure for the synthesis of fast self-testable controller structures 92147
Hellemans, P., Behnke, U., De Smedt, A., Ronchetti, L. An object-oriented approach to dynamic service descriptions 65435
Hellemans, P. *see* De Smedt, A. 65434
Hellemans, R., Lewandowski, P., Bonhomme, G. Future low cost electronics packaging for automotive applications 90623
Heller, H. *see* Botman, J.I.M. 76696
Heller, J. *see* Schiff, S.J. 59393
Heller, J. *see* Schiff, S.J. 77018
Heller, L. *see* Bertsch, J. 70593
Heller, P.N., Resnikoff, H.L. Regular M-band wavelets and applications 84785
Heller, R. Superconductor for the coils of the modular stellarator Wendelstein 7-X 82482
Heller, R., Friesinger, G., Herz, W., Irmisch, M., Nother, G., Schappals, L., Schweikert, K., Siewerdt, L., Susser, M., Ulbricht, A., Wuchner, F., Zahn, G. Test of a forced-flow cooled 30 kA/23 kV current lead for the POLO model coil 82483
Heller, R. *see* Belolaptikov, I.A. 59156
Heller, T.J. *see* Bush, S.A. 89600
Helleseth, T. *see* Xuemin Chen 95200
Helleseth, T. *see* Xuemin Chen 95201
Helleso, O.G., Benech, P., Rimet, R. Displacement sensor made by potassium diffusion on glass 50571
Helleso, O.G., Gerard, P., Benech, P., Rimet, R. Low loss bends in K^+ ion-exchanged waveguides 94146
Hellestrand, G.R. *see* Fesharaki, M.N. 95900
Helley, M.Le *see* Le Helley, M.
Hellgren, A., Amlie, H. Olympic host broadcaster operations 86675
Hellier, R.G. *see* Krauss, R.H. 66715
Helliwell, J.R. *see* Moon, K.J. 88310
Helliwell, R.A. *see* Fraser-Smith, A.C. 83711
Helliwell, R.A. *see* Sonwalkar, V.S. 94805
Hellman, E.S., Hartford, E.H., Jr. Effects of oxygen on the sublimation of alkaline earths from effusion cells 54858
Hellman, F. *see* Denlinger, D.W. 52810
Hellman, O. Impurity-mediated one-dimensional crystallization of thin amorphous Ge films on Si(111) 91429
Hellman, O. Buried reconstruction inhibition of solid phase epitaxy of Ge on Si(111) 91534
Hellman, S. *see* Bohm, C. 98679
Hellman, Z. *see* Hodisan, A. 91949
Hellmann, R., Gobel, C., Petzold, H., Staccone, G. Utilisation of georadar 86577
Hello, P., Durand, E., Fritschel, P.K., Man, C.N. Thermal effects in Nd:YAG slabs 3D modelling and comparison with experiments 72721
Hellsten, H. *see* Gustavsson, A. 75616
Hellstrom, B.J. FIRM—a hybrid neural network probability density estimator for characterizing rotating machinery 68547
Hellums, J.R. *see* Bing Wang 71814
Hellwarth, R.W. *see* Biaggio, I. 95738
Helm, M., Kavanaugh, W., Liew, B.-K., Petti, C., Stolmeijer, A., Ben-Tzur, M., Bornstein, J., Lilygren, J., Ting, W., Trammel, P., Allan, J., Gray, G., Hartranft, M., Radigan, S., Shanmugan, J.K., Shrivastava, R. A low cost, microprocessor compatible, 18.4 um^2, 6-T bulk cell technology for high speed SRAMs 71799
Helm, M. *see* Caspi, S. 87785
Helm, R. *see* Donald, M. 66879
Helm, R. *see* Irwin, J. 66896
Helm, R. *see* Walker, N.J. 66865
Helma, H. *see* Brauer, R. 76929
Helmberg, G. The Gibbs phenomenon for Fourier interpolation 69818
Helmbold, A. *see* Thiele, J.-U. 81205

Helmcke, J. *see* Riehle, F. 86874
Helmericks, S.G. *see* Berry, K.J. 69667
Helmers, S.L., Kull, L.L. Intraoperative evoked potential monitoring in pediatrics 88511
Helmersson, U. *see* Kiss, L.B. 56235
Helmfrid, S. *see* Ito, K. 83248
Helmick, M., Nye, L., Zuniga, E. More power in less space: a thermal enhancement solution for thin packages 60979
Helmke, B., Wachter, G. HF Transceiver XK 2100: digital shortwave for future-proof, long-haul communication 52321
Helmken, H. *see* Henning, R.E. 75363
Helmken, H. *see* Karimi, K. 86293
Helmolt, C.V. *see* Batchellor, C.R. 97302
Helmolt, R.v., Wecker, J., Kuhrt, C., Schultz, L., Samwer, K. Magnetic properties and stability of melt spun Nd_5Fe_{17} 50204
Helmolt, R.v. *see* Kuhrt, C. 50198
Helms, B.E., de Neuf, J.B., Canner, J.P. A multilayer ceramic series-connected capacitive-resistive device for impedance matching of high-frequency digital signal buses 80905
Helms, B.E., de Neuf, J.B., Canner, J.P. A multilayer ceramic series-connected capacitive-resistive device for impedance matching of high frequency digital signal busses 80932
Helms, C.R. *see* Melendez, J.L. 71354
Helms, C.R. *see* Melendez, J.L. 92956
Helmsen, J.J., Yeung, M., Lee, D., Neureuther, A.R. SAMPLE-3D benchmarks including high NA and thin film effects 71496
Helmy, D.-E., Cuervo, F., Brown, D. Necessary OAM modernization to support AIN-based services 74867
Helo, S.Y. *see* Irshid, M.I. 86343
Helou, C. Power residue character of Jacobi sums 91273
Helsby, W. *see* Lewis, R.A. 87997
Helsby, W.I., Berry, A., Hall, C.J., Jones, A.O., Lewis, R.A., Parker, B., Sumner, I. Development of data acquisition for delay line readout gas proportional chambers 88008
Helsby, W.I. *see* Jones, A.O. 88221
Helsby, W.I. *see* Jones, A.O. 88222
Helsel, M., Gassner, G., Robinson, M., Woodruff, J. A navigation grade micro-machined silicon accelerometer 67704
Helstrom, C.W. *see* Monk, A.M. 75178
Helstrom, C.W. *see* Monk, A.M. 75200
Helszajn, J. Experimental evaluation of junction circulators: a review 92487
Helton, J.S. *see* Grimes, G.J. 94314
Helton, J.W. *see* Walker, M.L. 86546
Helvajian, H., Wiedeman, L.H., Kim, H.-S. Low-fluence laser excitation processes 62446
Helvik, B.E., Melteig, O., Morland, L. The synthesized traffic generator; objectives, design and capabilities 52230
Helzerman, R.A. *see* Harper, M.P. 73846
Helzle, M. New ways in image processing with parallel DSPs 74610
Hemami, A. Motion trajectory study in the scooping operation of an LHD-loader 90699
Hemandez, L. *see* Botti, V. 75007
Hemani, A. *see* Jantsch, A. 70411
Hemati, N. Dynamic analysis of brushless motors based on compact representations of the equations of motion 68524
Hemati, N., Kwatny, H. Bifurcation of equilibria and chaos in permanent-magnet machines 78606
Hemenway, B.R. *see* Stevens, M.L. 86456
Hemink, G.J. *see* Watanabe, H. 70515
Hemker, A. *see* Hahn, S. 79642
Hemler, P.F., Sumanaweera, T., van den Elsen, P.A., Napel, S., Adler, J. A system for multimodality image fusion 76949
Hemmati, F. Bandwidth- and power-efficient pragmatic codes 73771
Hemmati, H., Lesh, J.R. 3.5-W Q-switched 532-nm Nd:YAG laser pumped with fiber-coupled diode lasers 83019
Hemmati, H. *see* Chien-Chung Chen 63491
Hemment, P.L.F. *see* Chenglu Lin 49873
Hemment, P.L.F. *see* Giles, L.F. 93238
Hemment, P.L.F. *see* Marsh, C.D. 81446
Hemment, P.L.F. *see* Sealy, B.J. 55702
Hemment, P.L.F. *see* Yupu Li 49831
Hemmer, F.M. *see* Karl, F.X. 76705
Hemmer, H. Evaluation of UPC functions for peak cell rate enforcement 57926
Hemmer, P. *see* Khoury, J. 56938
Hemmer, P.R. *see* Caulfield, H.J. 74372
Hemmers, R.H. *see* Bandler, J.W. 92486
Hemmes, H., Woudstra, M.J., ten Kate, H.H.J., Tenbrink, J. Transport current dependence of the hysteresis loss in silver sheathed BSCCO-2212 conductors 93918
Hemmi, M. *see* Kamigaito, O. 59029
Hemming, D.R. *see* McElray, J.L. 78228
Hemminger, T.L., Yoh-Han Pao Detection and classification of underwater acoustic transients using neural networks 86612
Hemmings, S. *see* Truchetet, F. 91093
Hemp, J. Weight vector for thermal diffusion flowmeters. I. General theory 66298
Hemp, J. *see* Xiao-Zhang Zhang 75949
Hemp, J. *see* Zhang, X.Z. 66765
Hempel, H., Petzoldt, J., Berger, G., Buttner, J. Power coordination system 68196
Hempel, K.A. *see* Birkfeld, M. 63247
Hempel, K.A. *see* Salz, W. 56208
Hempel, K.A. *see* Surig, C. 63176
Hempel, K.A. *see* von Staa, F. 50219
Hempel, T. *see* Schoenfeld, O. 92931
Hempling, S. Expansion of electric utility monopolies: the need for regulatory alertness 77972
Hempstead, M. *see* Amin, J. 94386
Hemus, M.D., Carter, J.N. Parameterisation of simple geometrical Lambertian surfaces using photometric stereo 95696
Hen Hu Yu *see* Yu Hen Hu
Hen-Geul Yeh *see* En-Fang Sang 95416
Hen-Geul Yeh *see* En-Fang Sang 95454
Hen-Geul Yeh *see* Nguyen, T.M. 51286
Hen-Wei Taso *see* Jiue-Rou Shin 77017
Henao, H. *see* Bassily, E. 90516
Hench, L.L. *see* Chia, T. 63464
Henck, R. *see* Gauthier, C. 98713
Henck, S. *see* Butler, S.W. 90939
Henck, S. *see* Maung, S. 60912
Henck, S. *see* Maung, S. 62353
Henck, S.A., Chapados, P., Jr., Maung, S., Duncan, W.M. Practical use of an in-line vacuum metrology cluster in a minifactory environment 60910
Henderson, C. *see* Qun Shen 87757
Henderson, C.D. *see* Chamberlain, R.D. 70238
Henderson, C.L., Barnard, R.D. The advent of failure analysis software technology 62946
Henderson, C.L. *see* Cole, E.I., Jr. 62947
Henderson, D. *see* Mercer, D.J. 87998
Henderson, D. *see* Rehm, K.E. 76794
Henderson, D.J. *see* Farrar, K.A. 67396
Henderson, D.J. *see* Wuosmaa, A.H. 67386
Henderson, D.M. *see* Scrimger, P. 99228
Henderson, E., Seamans, J.R. Image acquisition of microscopic slides 76884
Henderson, G. *see* Patel, S.P. 58097
Henderson, G.M. The economics of third-generation wind power technology in New Zealand: the least cost option for the 1990's 89775
Henderson, I.A., McGhee, J. Data patterns for phase shift keyed symbolic identification 57314
Henderson, I.A., McGhee, J. Data measurement symbols that capture information 75816
Henderson, I.A. *see* McGhee, J. 58679
Henderson, I.A. *see* McGhee, J. 75805
Henderson, I.A. *see* McGhee, J. 75821
Henderson, I.A. *see* Smirthwaite, P.T. 59253
Henderson, J.H., Baginski, T.A. An RF-insensitive hybrid electroexplosive device incorporating an integral filter 69300
Henderson, J.R. Sequential file creation for automated test procedures [nuclear power plant] 99869
Henderson, P.J., Pilling, N.A., Smith, R., Jones, G.R. Optical temperature probe for extended industrial monitoring 52832
Henderson, R.C., Otto, O.W. Correcting for proximity effect widens process latitude 71486
Henderson, R.C., Otto, O.W., Garofalo, J.G., Vaidya, S. Optical proximity effect correction: an emerging technology 71545
Henderson, R.C. *see* Otto, O.W. 71480
Henderson, R.D., Rose, P.J. Harmonics: the effects on power quality and transformers 68021
Henderson, R.K. The continuous improvement journey at Du Pont Photomasks 60983
Henderson, R.K. *see* Greer, N.P.J. 49526
Henderson, R.S. *see* Cummings, W.J. 64116
Henderson, S. *see* Alexander, J.P. 59072
Henderson, S. *see* Alexander, J.P. 70305
Henderson, T. MOOving towards a virtual reference service 75028
Henderson, T. *see* Chitre, D.M. 86246
Henderson, T. *see* Khatibzadeh, A. 80793
Henderson, T.C. *see* Sobh, T.M. 48717
Henderson, W. *see* Coleman, J.L. 51766
Henderson, W. *see* Coyle, A.J. 64999
Hendessi, F., Aref, M.R. A successful attack against the DES 73614
Hendji, A.M.Nyamsi *see* Nyamsi Hendji, A.M.
Hendricks, D. Inspection and test of flat-panel displays 87373
Hendricks, S. DC plasma displays meet the requirements of the 1990s 98192
Hendricks, W.C., Peng, C.H., Desu, S.B. Lead titanate thin films deposited by metallorganic chemical vapor deposition (MOCVD) 54944
Hendrickson, B.A., Womble, D.E. The torus-wrap mapping for dense matrix calculations on massively parallel computers 79696
Hendrickson, C., Lave, L., McMichael, F., Siewiorek, D., Smailagic, A., Tse-Sung Wu Product disposal and re-use issues for portable computer design 90894
Hendrickson, C.R. *see* James, R.R. 77787
Hendrickson, C.R. *see* Winter, E.M. 75628
Hendrickson, L. *see* Alvite, J. 90967
Hendrickson, L. *see* Himel, T. 76560
Hendrickson, L. *see* Ross, M.C. 76533
Hendrickx, M. Cost of fossil-fuel primary energy and its prospects 99817
Hendriks, C.F.W. *see* Looyen, W.J. 67895
Hendriks, H.T. *see* Lemonias, P.J. 55725
Hendriks, M. Interface engineering in silicon semiconductor processing using a vacuum cluster tool 91583
Hendriks, M. *see* Werkhoven, C. 62493
Hendriks, R.F.M. *see* van Exter, M.P. 72991
Hendrix, C.D., Vijaya Kumar, B.V.K. Design and evaluation of three-level composite filters obtained by optimizing a compromise average performance measure 72538
Hendrix, C.E. *see* Bazak, H.V., Jr. 58306
Hendrix, H. *see* Lind, D. 89698
Hendry, G.O. *see* Kuo, T.T.Y. 76305
Hendsbee, P.M. A power revolution [steam power plant development] 68448
Hendsbee, P.M., Lees, M.D., Smith, J.C. First non-OEM steam-generator replacement in US a success 78318
Hendtlass, T., Wells, J. The discrimination of short acoustic events by artificial neural networks 51402
Henestroza, E., Eylon, S., Yu, S., Grote, D. ILSE-ESQ injector scaled experiment 67051
Henestroza, E. *see* Eylon, S. 76736
Henestroza, E. *see* Yu, S. 67027
Henftling, M., Wittmann, H.C., Antreich, K.J. Path hashing to accelerate delay fault simulation 91993
Henftling, M. *see* Wittman, H. 49329
Heng Chen *see* Xiao-Ping Zhang 99526
Heng Deng *see* Deng Heng
Heng Phua Chee *see* Phua Chee Heng
Heng-Chih Kao *see* Chung-Ju Chang 85898
Heng-Sheng Huang *see* Jyh-Kuang Lin 63013
Heng-Yi Wang *see* Ying-Yi Hong 99438
Hengchun Ding *see* Shiyan Ren 86962
Hengchun Ding *see* Shiyan Ren 87102
Hengchun Yu *see* Yu Hengchun
Hengemihle, J. *see* LaBel, K.A. 77141
Henghui Sun *see* Chi Sheng 62436
Henghui Sun *see* Qiang Xu 81179
Hengjie Ma, Moore, C. A beam position monitor for low intensity beams 98461
Hengjun Zhu *see* Amadi-Echendu, J.E. 75935
Hengjun Zhu *see* Amadi-Echendu, J.E. 97869
Hengqun Guo *see* Guo Hengqun
Henige, J.A. *see* Brown, A.S. 56022
Henini, M. The physics and technology of low dimensional structures 70035
Henini, M. *see* Evans, H.B. 62674
Henini, M. *see* Foxon, C.T. 54836
Henini, M. *see* Hayden, R.K. 55868
Henini, M. *see* Martin, P.M. 62671
Henini, M. *see* Maude, D.K. 62271
Henini, M. *see* Sakai, J.W. 55867
Henini, M. *see* Shigekawa, N. 71618
Henini, M. *see* Wang, J. 71590
Henini, M. *see* Wang, J. 81782
Henini, M. *see* Xin, Z. 62283
Henini, M. *see* Zinovev, N.N. 62286
Henjes, K. The traction force in magnetic separators 83584
Henke, H., Bruns, W. A broad-band side coupled mm-wave accelerating structure for electrons 67099
Henke, H., Filtz, M. Envelope equations for transients in linear chains of resonators 67098
Henke, H. *see* Bruns, W. 67226
Henke, H. *see* Jin-Soo Kim 76363
Henke, H. *see* Kang, Y.W. 66996
Henke, H. *see* Kim, J.S. 87915
Henke, H. *see* Nassiri, A. 98388
Henke, J. *see* Gumbrecht, W. 67444
Henke, R. *see* Brandenburg, K. 75777
Henke, W. *see* Bischoff, J. 71532
Henkel, D.P. Microstructural effects of embedding optical fibers in polymer-matrix composites 87263
Henkel, H. *see* Rick, E. 78265
Henkel, V., Noll, J. Design and implementation of a high performance DQDB/ATM interworking unit 65381
Henkel, W., Kessler, T. Statistical description and modelling of impulsive noise on the German telephone network 65200
Henkelmann, T., Korschinek, G., Paul, M. Dense negative ion currents from laser produced plasma 53186
Henkels, W.H., Hwang, W. Large-signal 2T, 1C DRAM cell: signal and layout analysis 70463
Henkes, T. *see* Adam, W. 88114
Henking, R. *see* Paschotta, R. 83324
Henle, B. *see* Strahle, S. 56033
Henle, B. *see* Strahle, S. 62903
Henley, W. *see* Jastrzebski, L. 81411
Henley, W. *see* Lagowski, J. 81216
Henmi, H., Shoji, S., Shoji, Y., Yoshimi, K., Esashi, M. Vacuum packaging for microsensors by glass-silicon anodic bonding 60973
Henmi, N., Saito, T., Ishida, T. Prechirp technique as a linear dispersion compensation for ultrahigh-speed long-span intensity modulation directed detection optical communication systems 97337
Henmi, N. *see* Saito, T. 52599
Henn, C. Operational amplifiers: current and voltage feedback 80140
Henn, C.L. The new economics of life cycle thinking 54408
Hennacy, K. *see* Abramo, A. 81195

Henneberger, G., Domack, S., Berndt, J. Comparison of the utilization of brushless DC servomotors with different rotor length by 3D-finite element analysis 90041
Henneberger, G., Obrecht, R. Numerical calculation of the temperature distribution in the melt of induction crucible furnaces 54259
Hennecart, D. *see* Gosselin, A. 87953
Hennequin, D. *see* Louvergneaux, E. 94358
Hennessey, M.G. *see* Plummer, C.W. 89243
Hennessy, J. *see* Kuskin, J. 49475
Hennevin, B. *see* Sarrus, F. 100222
Hennige, C.W. *see* Zanelli, C.I. 98940
Henning, B., Lucklum, R., Kupfernagel, B., Hauptmann, P. Ultrasonic sensor system for characterization of liquid systems 67926
Henning, C.L. *see* Ren, F. 93351
Henning, I.D. *see* Asghari, M. 58436
Henning, I.D. *see* Asghari, M. 94442
Henning, I.D. *see* Mirshekar-Syahkal, D. 80754
Henning, R.E., Bauer, R.A., Davarian, F., Helmken, H. ACTS propagation research—a key to increased satellite communication capacity 75363
Henninger, P. *see* Urankar, L. 73198
Henninger, R. *see* Brandenburg, A. 82687
Hennings, I., Stolte, S., Ziemer, F. Experimental method to measure surface signature generation by sea bottom undulations 59566
Hennings, I., Stolte, S., Ziemer, F. Radar signatures of the sea bed in coastal waters 99246
Henningsen, L.B., Dyrlund, O., Bisgaard, N., Brink, B. Digital feedback suppression (DFS). Clinical experiences when fitting a DFS hearing instrument on children 59410
Henningsen, L.B. *see* Dyrlund, O. 59411
Hennion, B. *see* Clavelier, D. 91908
Henrich, A., Johannsen, W., Kloidt, M. Multimedia customer self-service in the banking business 85932
Henrichen, M. *see* Buchheit, K. 75983
Henrichs, B., Jakobs, K. Timer handling in high-performance transport systems 52030
Henrichsen, K. *see* Arnaudon, L. 66851
Henrichsen, K.N. *see* Billan, J. 76566
Henrickson, L.E., Glick, A.J., Bryant, G.W., Barbe, D.F. Nonequilibrium-Green's-function theory of transport in interacting quantum dots 81289
Henriksen, M. *see* Fleming, R.J. 89288
Henrikson, H. *see* Chen, M. 59169
Henrikson, H. *see* Jorgens, V. 59161
Henrion, W. *see* Krankenhagen, R. 92933
Henriot, C. *see* Bonin, B. 67067
Henrioud, J.M. *see* Hivert, B. 66562
Henriques, A. *see* Ariztizabal, F. 98518
Henriques, B.G., Franca, J.E. A high-speed programmable CMOS interface system combining D/A conversion and FIR filtering 80403
Henriques, M.A.A. *see* Hasan, M.K. 64458
Henriquez, F. *see* McLean, I.S. 66427
Henrotte, F., Nicolet, A., Hedia, H., Genon, A., Legros, W. Modelling of electromechanical relays taking into account movement and electric circuits 80953
Henrotte, F. *see* Delince, F. 80937
Henry, A., Valentin, A., Margottin-Maclou, M., Rachet, F. Tunable diode laser spectrometer with controlled phase frequency emission 63818
Henry, A. *see* Ni, W.-X. 79857
Henry, A. *see* Wahab, Q. 70031
Henry, C.H. *see* Adar, R. 63427
Henry, C.H. *see* Yaffe, H.H. 72385
Henry, D. *see* Etrillard, J. 93279
Henry, D. *see* Petri, R. 62467
Henry, G., van de Geijn, R. A parallel unsymmetric eigensolver 54770
Henry, H.G. *see* Cohn, M. 80833
Henry, J., Livingstone, J. Indium phosphide surface processing—an FTIR analysis 62451
Henry, J.P., Carrara, B., Moruzzis, M., Fuentes, M., Tonnerre, L. Application of high resolution spectral analysis to analysis, simulation and processing of radar echoes 52629
Henry, J.W. *see* Durand, L.G. 77066
Henry, M. Validating data from smart sensors 87115
Henry, M. *see* Devaux, F. 94187
Henry, M. *see* Dumas, J.M. 86528
Henry, M. *see* Kukhtarev, N. 50977
Henry, O.R. Safety management in State Rail: a "hands-on" approach 60879
Henry, R.E., Gitchell, C.T., Webb, D. Fan instability associated with variable-frequency drive 89603
Henry, R.E. *see* Benz, J.A. 90502
Henry, R.L. *see* Nordquist, P.E.R., Jr. 79764
Henry, T. *see* Ren, F. 93351
Henry, V. *see* Meinertzhagen, A. 55665
Henry, W. Evanescent field devices: a comparison between tapered optical fibres and polished or D-fibres 50460
Henry, Y. *see* Goldenberg, O. 65486
Henry Chen Chien-In *see* Chien-In Henry Chen
Henschel, H., Kaufmann, H.H., Klein, M., Lange, W., Meibner, J. A silicon backward tracking detector and trigger for the H1 experiment at the ep collider HERA 59071
Henschel, H., Kohn, O., Schmidt, H.U., Bawirzanski, E., Landers, A. Optical fibres for high radiation dose environments 72320
Henschel, H. *see* Burger, J. 98570
Henschel, H. *see* Lischka, H. 72589
Henschel, H. *see* West, R.H. 63370
Hensel, S. Looking back [Ernst Berg ideas on Heavyside's calculus] 91163
Henshaw, P.D. Holographic memory design tradeoffs and upper performance bounds 56308
Henshaw, P.D., Lis, S.A. A high capacity content addressable memory architecture 56305
Henshaw, P.D., Lis, S.A., Cheifetz, M.G. Experimental demonstration of a 4D optical neural network 56478
Henshaw, P.D. *see* Lis, S.A. 56320
Hensler, K.V., Mathewson, B.J. Design and construction of a cost effective test facility for testing large rotating machines to API 541 and 546 standards 60172
Hensley, S., Im, E., Johnson, W.T.K. SAR ambiguity study for the Cassini radar 75692
Hensley, S. *see* Im, E. 75691
Hensley, S. *see* Zebker, H.A. 77324
Hensley, W.K., McKinnon, A.D., Miley, H.S., Panisko, M.E., Savard, R.M. SYNTH: a spectrum synthesizer 98629
Hensley, W.K. *see* Avignone, F.T. 67288
Henson, G.E. Generator end turn vibration 89803
Henson, J.M. An air to ground forward scan B-scope and PPI imaging radar simulation for diverse and urban terrain 77651
Henstra, A., Jackman, J.J. Enhanced precision CD measurements via topographic modelling 82027
Hentea, T.I. Algorithm for automatic threshold determination for image segmentation 95673
Henten, A. *see* Falch, M. 51949
Hentschel, C.Von *see* Von Hentschel, C.
Hentschel, E., Niedermeier, K., Schafer, K. No-risk converter operation. Stressing of AC motor winding insulation when fed from PWM converters 53992
Hentschel, F. *see* Shehata, M.A. 69116
Hentschke, S. *see* Herrfeld, A. 55199
Hentschke, S. *see* Herrfeld, A. 80227
Hentzell, H. *see* Alippi, C. 53346
Hentzell, H. *see* Alippi, C. 67381
Hentzell, H. *see* Dell'Acqua, A. 87955
Hentzell, H. *see* Dell'Acqua, A. 98680
Henze, C.P. *see* Naik, R. 68731
Henze, C.P. *see* Rastogi, M. 68820
Heon, M. *see* Lecomte, R. 59286
Heon Huh Ha *see* Ha Heon Huh
Heon Shik Shin *see* Jin Hwan Kim 57993
Heon Shin Jae *see* Jae Heon Shin
Heonchul Park *see* Jongwoo Bae 80393
Heonhee Moon *see* Jechang Jeong 86735
Hepburn, A.R. *see* Goldie, D.M. 55578
Hepburn, A.R. *see* Goldie, D.M. 55676
Hepburn, A.R. *see* Goldie, D.M. 56430
Hepburn, A.R. *see* Haynes, D.M. 56438
Heping Xu *see* Xu Heping
HePing Yao *see* Yao HePing
Hepp, A.F. *see* Power, M.B. 49005
Hepp, B., Maurice, F. Active matrix liquid crystal displays: principles and technology 58929
Hepp, D.J. *see* Ganzberger, M.J. 95647
Heppell, K. *see* Georges, J.B. 50864
Heppelmann, S.F. *see* Wu, J. 98659
Hepplewhite, L., Stonham, T.J. Magnetic disk inspection using texture recognition 91125
Heptinstall, J. *see* Stone, P.J.W. 63944
Her, J., Lim, H., Kim, C.H., Han, I.K., Lee, J.I., Kang, K.N., Kim, J.E., Park, H.Y. Two-temperature technique for plasma-enhanced chemical vapour deposition growth of silicon-nitride on InP 61373
Her, J. *see* Kim, C.H. 55666
Her, J. *see* Shin, J.C. 71568
Her, S.L. *see* Hsu, C.T. 99662
Her, T. *see* Chen, Y. 49270
Her, T.D. *see* Chao, E.Y. 93457
Her, Y.-C. *see* Tsao, S.-H. 96270
Her Keun *see* Keun Her
Her Shyang-Kuen *see* Shyang-Kuen Her
Her-Ming Jong, Liang-Gee Chen, Tzi-Dar Chiueh Accuracy improvement and cost reduction of 3-step search block matching algorithm for video coding 57713
Her-Ming Jong, Liang-Gee, Tzi-Dar Chiueh Parallel architectures for 3-step hierarchical search block-matching algorithm 80371
Her-Ming Jong, Liang-Gee Chen, Tzi-Dar Chiueh Modifications and performance improvements of 3-step search block-matching algorithm for video coding 95924
Heragu, K., Agrawal, V.D., Bushnell, M.L. FACTS: fault coverage estimation by test vector sampling 49390
Heragu, K., Bushnell, M.L., Agrawal, V.D. An efficient path delay fault coverage estimator 91992
Heraldo Gallo, N.J. *see* Barbosa, E.A. 83346
Herath-Banda, M. *see* Tsyganov, E. 87857
Herault, J. *see* Demartines, P. 83974
Herb, A.R. *see* Gimpel, B. 69511
Herben, M.H.A.J. *see* de Maagt, P.J.I. 64224
Herben, M.H.A.J. *see* van de Kamp, M.M.J.L. 57118
Herben, M.H.A.J. *see* van Houten, J.M. 73476
Herber, R. *see* Garlichs, G. 52548
Herber, R. *see* Hessenmuller, H. 86797
Herber, R. *see* Hessenmuller, H. 97634
Herberholz, R., Walter, T., Schock, H.W. Density of states in $CuIn(SSe)_2$ thin films from modulated photocurrent measurements 81264
Herbert, D.A. *see* Vezina, J. 52011
Herbert, D.C. *see* Dunn, G.M. 63580
Herbert, D.C. *see* Mills, R.J. 62302
Herbert, J.M. *see* Tu, Y.-L. 79982
Herbert, M. *see* Ness, M. 65943
Herbert, P.A.F. *see* Floyd, L.P. 66645
Herbert, P.K. *see* Edmonds, R.F., Jr. 78464
Herberts, M.C. *see* Fichtner, P.F.P. 49858
Herbig, T. *see* Lawrence, C.R. 58534
Herbst, M.D., Murphy, R.J., Torrica, D. Stencil options 81002
Herbst, T.M., Beckwith, S.V.W., Birk, Ch., Hippler, S., McCaughrean, M.J., Mannucci, F., Wolf, J. MAGIC: a new near infrared camera for Calar Alto 66429
Herbst, W., Scholze, A., Schroder, B., Oechsner, H. Influence of the spatial distribution of metastable defects on the properties of degraded a-Si:H solar cells 100541
Hercog, D. Dielectric waveguide between two infinite parallel perfectly conducting plates 83782
Herczfeld, P.R. *see* Camargo Silva, M.K. 82879
Herczfeld, P.R. *see* Goffer, A.P. 73552
Herczfeld, P.R. *see* Mullen, L. 88818
Herczfeld, P.R. *see* Mullen, L. 88876
Herczfeld, P.R. *see* Mullen, L. 97437
Herczfeld, P.R. *see* Paolella, A. 70906
Herczfeld, P.R. *see* Romero, M.A. 80695
Herd, J.S., Herd, K.G. Finite difference modelling of non-linear behavior in high temperature superconducting transmission lines 51180
Herd, J.S. *see* Mittleman, S.D. 95029
Herd, K.G. *see* Herd, J.S. 51180
Herd, K.G. *see* Trifon Laskaris, E. 94007
Herda, S. Non-repudiation: constituting evidence and proof in digital cooperation 95214
Heredia, E.A., Arce, G.R. Piecewise linear autoregressions through threshold decomposition 84514
Heredia, T. *see* Ezquer, R.G. 88757
Heredos, F. *see* Costello, M. 60171
Herejk, I.C. *see* Markushevich, N.S. 53742
Herejk, I.C. *see* Markushevich, N.S. 78077
Heremans, G., Van Bockstal, L., Li Liang, Herlach, F., Nikulin, A., Chikov, A., Pantsyrny, V., Vorob'jova, A., Dergunaova, E. Fibre composites combined with matched high strength Cu-Nb microfilament conductors for high performance pulsed magnets 82444
Heremans, G. *see* Asano, T. 83560
Heremans, G. *see* Asano, T. 83569
Heremans, G. *see* Nikulin, A.D. 83563
Heremans, G. *see* van Bockstal, L. 83535
Heremans, P., Kuijk, M., Vounckx, R., Borghs, G. Differential optical PnpN switch operating at 16 MHz with 250-fJ optical input energy 73025
Heremans, P. *see* Bellens, R. 50005
Heremans, P. *see* Bellens, R. 81906
Heremans, P.L. *see* Kuijk, M. 50678
Herger, L. *see* Abbott, M. 70473
Herik, B.vd *see* vd Herik, B.
Herino, R. *see* Serre, C. 71373
Heritage, J.P. *see* Hong, M.Y. 63838
Herkenrath, U. Generalized adaptive exponential smoothing procedures 91225
Herlach, D. *see* Abela, R. 76400
Herlach, F., Bogaerts, R., Vanacken, J., Van Bockstal, L. Long duration pulsed magnetic fields: achievements and challenges 82292
Herlach, F. *see* Asano, T. 83560
Herlach, F. *see* Asano, T. 83569
Herlach, F. *see* Heremans, G. 82444
Herlach, F. *see* Jones, H. 83534
Herlach, F. *see* Leadley, D.R. 81280
Herlach, F. *see* Machel, G. 83572
Herlach, F. *see* Nikulin, A.D. 83563
Herlach, F. *see* van Bockstal, L. 83535
Herlach, F. *see* Van Bockstal, L. 83544
Herlach, F. *see* Van Bockstal, L. 83545
Herle, J.van *see* van Herle, J.
Herley, C., Kovacevic, J., Ramchandran, K., Vetterli, M. Time-varying orthonormal tilings of the time-frequency plane 84255
Herley, C., Vetterli, M. Orthogonal time-varying filter banks and wavelet packets 95380
Herlien, R. *see* Chaffey, M.R. 99238
Herlin, L.L., Giraudon, G. Performing segmentation of ultrasound images using temporal information 98880
Herman, B. *see* Periasamy, A. 67484
Herman, C. Experimental visualization of temperature fields and measurement of heat transfer enhancement in electronic system models 79415
Herman, G.T. *see* Chan, M. 57813
Herman, H., Stentz, A. Active surface/subsurface perception for autonomous excavation 86599
Herman, I.P. *see* Cheng, C.C. 93162
Herman, J. Network management inches forward 74839
Herman, M. *see* Goloub, P. 59553
Herman, M.A. *see* Glanner, G.J. 70043
Herman, M.I. *see* Weller, T.M. 80634
Herman, P. *see* Cui, Z. 71478

Herman, P.R. *see* Yamakoshi, H. 67413
Herman, R. Some aspects of the statistical modelling of residential electrical loads for design purposes 99467
Herman, R., Maritz, J.S., Enslin, J.H.R. The analysis of voltage regulation in residential distribution networks using the beta distribution model 78086
Herman, R.M., Chao, A., Deichsel, J., Mason, C.H., McKay, A. Highly integrated mixed-signal L-band configurable receiver array 86224
Hermand, J.-P. Model-based matched filter processing for delay-Doppler measurement in a multipath dispersive ocean channel 77556
Hermann, A.M., Yandrofski, R.M., Scott, J.F., Naziripour, A., Galt, D., Price, J.C., Cuchario, J., Ahrenkiel, R.K. Oxide superconductors and ferroelectrics-materials for a new generation of tunable microwave devices 56284
Hermann, A.M. *see* Gabor, A.M. 78820
Hermann, A.M. *see* Gabor, A.M. 90407
Hermann, D. *see* Preston, E. 87299
Hermann, D. *see* Preston, E. 87302
Hermann, H. *see* Apel, P. 53339
Hermann, M.R., Ciappa, M., Schenk, A. Long term charge loss in EPROMs with ONO interpoly dielectric 61698
Hermann, M.R. *see* Hackel, L.A. 72668
Hermann, R. Computational and experimental determination of the switching field of polycrystalline hard magnets by rotational hysteresis 93880
Hermann, R., Givord, D., Rossignol, M., Fillion, G., Handstein, A. Experimental determination of the switching field and its temperature dependence of isotropic polycrystalline hard magnets 72185
Hermanns, C. *see* Weck, M. 63920
Hermanns, O. Data access protocols for integrated engineering environments 57978
Hermans, J. *see* Gleitsmann, G. 71281
Hermans, L. *see* Bosisio, L. 59074
Hermans, L. *see* Dierickx, B. 67378
Hermansen, K., Fink, F.K., Hartmann, U. Parametric transformation of speech signals 98971
Hermansen, K. *see* Koch, P. 55282
Hermansky, H., Morgan, N. RASTA processing of speech 95246
Hermansky, H., Morgan, N., Hirsch, H.-G. Recognition of speech in additive and convolutional noise based on RASTA spectral processing 73851
Hermansson, H. *see* Minde, T.B. 84102
Herment, A. *see* Baldeweck, T. 98789
Hermes, T., Buhner, M., Bucher, S., Sundermeier, C., Dumschat, C., Borchardt, M., Cammann, K., Knoll, M., Miinster, F. An amperometric microsensor array with 1024 individually addressable elements for two-dimensional concentration mapping 98154
Hermes, T. *see* Saniter, J. 74967
Hermes, T. *see* Saniter, J. 86404
Hermes, T.H. *see* Hilbk, U. 52498
Hermida, M. *see* Hachtel, G.D. 92144
Hermida, R.C., Mojon, A., Aguado, F., Ayala, D.E. Pattern discrimination software for uncertainty reduction in neonatal cardiovascular risk assessment 76888
Hermsmeier, B. *see* Doerner, M.F. 50289
Hernan, A.A., Fernandez, L.A.M., Morales, L.M., Asencios, H.S. Implementation of an ATM network emulator 96806
Hernandez, C. *see* Taboada, J. 51403
Hernandez, D. *see* Milcent, E. 87246
Hernandez, E., Albornoz, J.G., Gonzalez, J., Wasim, S.M., Sanchez, J.C., Perez, F.S. Optical absorption and photoconductivity in oxygen and gold doped $CuInSe_2$ 62209
Hernandez, E. *see* Albornoz, J.G. 62219
Hernandez, J. *see* Djemai, M. 89961
Hernandez, J. *see* Raja, P. 58129
Hernandez, J.A.Carrasco *see* Carrasco Hernandez, J.A.
Hernandez, J.M., Gallego, A., Consuegra, M. Heat transfer in SMD 55464
Hernandez, J.P. *see* Massaud, A.G. 77896
Hernandez, J.V., Tajima, T., Horton, W. Neural net forecasting for geomagnetic activity 59551
Hernandez, L. *see* De Melo, O. 79871
Hernandez, M.J., Garrido, J., Piqueras, J. Silicon dioxide deposition by electron cyclotron resonance plasma: kinetic and ellipsometric studies 55800
Hernandez-Avila, J.L., Bonifaci, N., Denat, A. Hot electron phenomena in liquid and gaseous Ar and N_2 in divergent electric fields 63048
Hernandez-Dominguez, A. A framework architecture for reusing training services 79156
Hernandez-Figueroa, H.E. Improved split-step schemes for nonlinear-optical propagation 56894
Hernandez-Figueroa, H.E. Simple nonparaxial beam-propagation method for integrated optics 64176
Hernandez-Figueroa, H.E. *see* Di Pasquale, F. 73431
Hernandez-Garcia, E., Mirasso, C.R., Shore, K.A., Miguel, M.S. Turn-on jitter of external-cavity semiconductor lasers 63768
Hernandez-Garcia, E. *see* Mirasso, C.R. 94472
Hernandez-Gomez, L.A., Lopez-Gonzalo, E. Phonetically-driven CELP coding using self-organizing maps 84108
Hernandez-Gomez, L.A. *see* Alvarez-Cercadillo, J. 73825
Hernandez-Valencia, E.J., Bonomi, F.G. Simulation of a simple loss/delay priority scheme for shared memory ATM fabrics 74658
Hernando, A. *see* del Real, R.P. 72002
Hernando, A. *see* Kraus, L. 71994
Hernando, A. *see* Prados, C. 87451
Hernando, A. *see* Vazquez, M. 63174
Hernando, A. *see* Vazquez, M. 71952
Hernando, B. *see* Tejedor, M. 56211
Herng Liu *see* Bertolet, D.C. 61364
Herng-Yow Chen *see* Ming Ouhyoung 58093
Herniman, J. *see* Yu, J.S. 81364
Hero, A., Fessler, J.A. A recursive algorithm for computing Cramer-Rao-type bounds on estimator covariance 95716
Hero, A. *see* DeLap, R. 84458
Hero, A.O., Fessler, J.A., Rogers, W.L. A fast recursive algorithm for computing CR-type bounds for image reconstruction problems 57723
Hero, A.O. *see* Antoniadis, N. 74197
Hero, A.O. *see* Fessler, J.A. 84387
Hero, A.O. *see* Fessler, J.A. 95381
Hero, A.O., III *see* Petrick, N. 87964
Hero, A.O., III *see* Petrick, N. 98703
Herouard, M., Hodge, J.M. Technical development conducted by CIGRE in the field of electrical machines 100071
Herpel, C. The MPEG-2 Standard: generic coding for moving pictures and associated information. Hierarchic video coding: requirements for service interoperability. III 86691
Herpel, H.-J., Held, M., Glesner, M. A design methodology for the conceptual design of application specific digital processors in mechatronic systems 49473
Herr, E., Baltes, H., Stockmeier, T., Thiemann, U. Gate insulation yield loss due to lattice misfit stress in MCT and IGBT devices 55938
Herr, M.D., McInerney, J.J., Lamser, D.G., Copenhaver, G.L. A flying spot X-ray system for Compton backscatter imaging 88366
Herr, S. *see* McMahan, M.A. 76460
Herranz, J.C. *see* Bertran, M. 70615
Herregods, M.-C. *see* Bijnens, B. 59284
Herrenschmidt, J. *see* Croke, S. 88680
Herrera, R., Derzakowski, K. Resonant frequency stability of the double dielectric resonator on a dielectric substrate 80642
Herrera, S. *see* Pelouch, W.S. 73110
Herrera, T.D. *see* Maybeck, P.S. 75554
Herrera, T.D. *see* Maybeck, P.S. 77784
Herrera-Perez, J.L. *see* Morosini, M.B.Z. 50800
Herrerias-Martin, F. *see* Eldering, C.A. 52559
Herrero, J. *see* Guillen, C. 71258
Herres, N. *see* Locher, R. 70109
Herres, N. *see* Wild, C. 69926
Herrfeld, A., Hentschke, S. CMOS ternary dynamic differential logic 55199
Herrfeld, A., Hentschke, S. CMOS ternary dynamic NORA logic 80227
Herrick, C. *see* Tabasky, M. 94153
Herrick, R.T. *see* Thomas, R.E. 67460
Herrick, R.W. *see* No, K.H. 83159
Herring, B.E. *see* Thomas, R.E. 67460
Herring, J.L., Christopoulos, C. The use of graded and multigrid techniques in transmission-line modelling 51155
Herring, J.L., Hoefer, W.J.R. Improved correction for 3-D TLM coarseness error 73416
Herring, J.L. *see* Duffy, A.P. 94886
Herring, R.N. *see* Wheadon, N.S. 99171
Herring, T.A. *see* Bevis, M. 73356
Herritty, R.M. Selecting the perfect battery—for you! 68966
Herrlander, C.J. *see* Abrahamsson, K. 76307
Herrlander, C.J. *see* Danared, H. 67255
Herrlin, K. *see* Svanberg, S. 50784
Herrmann, C. Local correlation properties of some discrete-time finite queues with semi-Markovian input 96199
Herrmann, C. *see* Hahn, W. 92013
Herrmann, D. *see* Ambrosi, P. 67652
Herrmann, F.P., Sodini, C.G. A 256-element associative parallel processor 70625
Herrmann, H. *see* Tian, F. 75470
Herrmann, H.B. *see* Parsons, C.A. 81938
Herrmann, K., Siegel, M., Kunkel, G., Thust, A., Kabius, B., Jia, C.L., Schubert, J., Braginski, A.I. Correlation of current-voltage characteristics of step-edge $YBa_2Cu_3O_7$ Josephson junctions with the step angle 93937
Herrmann, K.-H. *see* Mollmann, K.-P. 56534
Herrmann, M.R. *see* Gieser, H.A. 79483
Herrmann, O.E. *see* de Vries, R. 75776
Herrmann, P.F., Beghin, E., Bottini, G., Cottevieille, C., Leriche, A., Verhaege, T., Bock, J. Test results of a 1 kA (2 kA)-20 kV HTSC current lead model 59973
Herrmann, R.M., Irelan, P.D., Oberg, R.K. Design and construction of an electro-mechanical bowling system 67629
Herrmann, W. *see* Wilke, I. 52857
Herrnberger, H. *see* Keller, B.P. 54893
Herron, J.H. *see* Juan Shi 99549
Herron, L. *see* Xue-Feng Leng 97098
Herron, L.H. *see* Juan Shi 99517
Herron, L.H. *see* Shi, J. 59746
Herron, M., Trout, K. Life extension of Boomer Lake station 78429
Herrtwich, R.G. *see* Delgrossi, L. 65126
Herrup, D. *see* Amidei, D. 98639
Herrup, D. *see* Carrigan, R.A., Jr. 59039
Herrup, D. *see* Derwent, P.F. 76784
Herrup, D.A., Chapman, L., Franck, A., Groves, T., Lublinsky, B. A realtime feedback microprocessor for the TEVATRON 76562
Herrup, D.A., Kinney, W., Lamm, M.J., Mokhtarani, A. Compensation of time-dependent persistent current effects in superconducting synchrotrons 67257
Herry, J.-P., Foray, J. Lightning accidents in mountain: prevention and first aid 69505
Hersch, M. Permanent magnet demand fuels continued market growth 72175
Herscovici, N. *see* Schrank, H. 51238
Herscovici, N.I., Pozar, D.M. Full-wave solution for an aperture-coupled patch fed by perpendicular coplanar strips 57235
Herscovici, N.I., Pozar, D.M. CAD of multilayer feeding networks 73555
Hersee, S.D. *see* Fleddermann, C.B. 54397
Hershcovitch, A. Optimization of intermediate charge state output from electron beam ion source devices 53155
Hershcovitch, A. Selective deposition of radio-frequency power in volume sources to optimize the tandem configuration for negative ion production 53182
Hershcovitch, A. *see* David, G. 87983
Hershcovitch, A.I., Alessi, J.G., Kponou, A.E. Gas limitations on the performance of a new polarized negative ion source 67276
Hershey, J. Reflections in quadrature—a process phantom 51466
Hershey, J.E., Harrison, D.D., Pattanayak, D.N., Murrow, D.J. An adjunct tracking system for low altitude sector aircraft 59529
Hershey, R.R., Elliott, R.C. A diagnostic monitoring procedure for automated measurement systems 87001
Hershler, C., Colotla, I., Romilly, D.P. Computer controlled measurement of spasticity 98753
Hershler, C. *see* Yunquan Chen 98890
Hersina, G. *see* Olbrich, G.R. 80845
Herskovitz, D. Global positioning system receivers 97488
Hertel, B. *see* Bobel, F.G. 79873
Hertel, P. *see* Erdmann, A. 94138
Hertel, P. *see* Shamonin, M. 94140
Hertenberger, R. *see* Chen, M. 59169
Hertl, B. *see* Bobel, F.G. 54912
Hertling, D. *see* Laursen, K. 58947
Hertz, A., Jaumard, B., Poggi de Aragao, M. Local optima topology for the k-coloring problem 48820
Hertz, D. *see* Ziskind, I. 84388
Hertz, H.M. *see* Kauranen, P. 98358
Hertz, H.M. *see* Svanberg, S. 50784
Hertz, M. *see* Cocha, M. 82565
Hertzler, J., Lewis, R.A., Mitchell, G.S., Moore, R.S., Smith, G.A., Walsh, T.F. Simulation studies of a scintillating fiber tracker for the SDC detector 53326
Hervas, L. Running experience with the ZEUS calorimeter 88111
Hervas, L. Running experience with the ZEUS calorimeter 98583
Hervas, L. *see* Gingrich, D. 53291
Herve, A. *see* Adam, A. 88087
Herve, A. *see* Adam, A. 88102
Herve, A. *see* Adriani, O. 88023
Herve, A. *see* Arefiev, A. 88007
Herve, D., Chauvet, M., Viallet, J.E., Chawki, M.J. First tunable narrowband 1.55 μm optical drop filter using a dynamic photorefractive grating in iron doped indium phosphide 94241
Herve, D., Paillet, Ph., Leray, J.L. Space charge effects in SIMOX buried oxides 71223
Herve, D., Viallet, J.E., Salaun, S., Chauvet, M., Le Corre, A., Mainguet, B. Photorefractive singlemode waveguide on InP:Fe substrate 56395
Herve, D. *see* Flament, O. 93454
Herve, D. *see* Paillet, P. 71257
Herve, L. Multi-resolution analysis of multiplicity d: Applications to dyadic interpolation 95496
Herve, P. *see* van Kemenade, A.J. 72344
Herve Gruyer, G. *see* Mersali, B. 94143
Herve-Gruyer, G. *see* Ghirardi, F. 50573
Hervieu, M. *see* Brunel, J.Y. 70228
Hervig, M. *see* Pazmany, A. 88783
Hervo, J. *see* Poumellec, B. 50551
Herwaarden, A.W.van *see* van Herwaarden, A.W.
Herweijer, J.A., Van Nijmweegen, F.C., Kopinga, K., Voskamp, J.H., Van De Water, W. A digital device for measuring high-order structure functions 58656
Herwig, H. *see* Nutzel, B. 59567
Herwig, H. *see* Nutzel, B. 99222
Herwig, L.O. *see* Witt, C.E. 100725
Herz, P.R. *see* Leung, K.N. 76734
Herz, P.R. *see* Perkins, L.T. 53188
Herz, W. *see* Heller, R. 82483
Herzberg, A. Connection-based communication in dynamic networks 96636

Herzberg, H., Poltyrev, G. Techniques of bounding the probability of decoding error for block coded modulation structures 73727
Herzberg, M. A decomposition approach to assign spare channels in self-healing networks 86436
Herzer, G. *see* Nielsen, O.V. 72034
Herziger, G. *see* Ehrlichmann, D. 72954
Herzinger, C.M. *see* Crook, A.C. 56431
Herzinger, S. *see* Muller, G. 82229
Herzog, H.-J. *see* Kasper, E. 62681
Herzog, J.H. *see* Gribble, D.L. 66142
Herzog, L., Norman, C.E., Egger, U., Breitenstein, O. Transmission electron microscopy, cathodoluminescence and secondary ion mass spectroscopy investigations of Si diffusion in GaAs 81450
Herzog, L. *see* D'Souza, M. 78513
Herzog, M. *see* Bock, B. 53325
Herzog, R., LeFebve, D., Olia, H., Ruchti, C., Svoboda, C., Wilke, W.St. Compact simulators—the efficient way towards deeper understanding of processes 78390
Herzog, T. *see* Rein, H.-M. 80414
Herzog, W. *see* Zhang, Y.T. 98894
Hesany, V., Moore, R.K., Haimov, S. Slope and hydrodynamic modulation of radar scatter from the sea 99240
Hesany, V. *see* Evans, C. 99217
Hesdahl, P.B. *see* van den Berg, G.V.J. 75154
Hesketh, P.J. *see* Li, C. 58707
Hesketh, P.J. *see* Tong Wang 81549
Hesketh, P.J. *see* Ty-Cheng Lin 87157
Hesler, J.L. *see* Porterfield, D.W. 82794
Hesp, M.P.A. *see* Belfor, R.A.F. 84763
Hespelt, V. *see* Hagmanns, F.J. 75310
Hess, B.E. *see* Connolly, K. 96292
Hess, B.E. *see* Hon, S.E., III. 74822
Hess, C., Stroele, A.P. Modeling of real defect outlines and parameter extraction using a checkerboard test structure to localize defects 79459
Hess, C., Strole, A. Modeling of real defect outlines for defect size distribution and yield prediction 50070
Hess, C., Weiland, L.H. Modeling of test structures for efficient online defect monitoring using a digital tester 60921
Hess, C., Weiland, L.H. Drop in process control checkerboard test structure for efficient online process characterization and defect problem debugging 62926
Hess, C. *see* Ou, S.S. 72909
Hess, D.T. *see* Clarke, K.H. 87351
Hess, D.W. *see* Gillespie, E.S. 83825
Hess, F. *see* Wei Chen 88054
Hess, G. *see* Schellin, R. 58723
Hess, G.T., Sanders, T.J., Miller, R., Gsteiger, K. Fabrication of thin-reliable multichip modules 54545
Hess, H.L., Divan, D.M., Xue, Y.H. A new SCR based induction motor drive with wide speed range 60536
Hess, J. Simple, speedy, systematic: calculating losses in ferrite cores 50377
Hess, J. The optimal combination is achieved: choose correctly ferrites for power transformers in switched-mode supplies 78713
Hess, J. Ferrite inductances in switched-mode power supplies. I. The blocking convertor: fundamentals and remarks on dimensioning 90183
Hess, J. Ferrite inductances in switched-mode power supplies 2. the blocking convertor: remarks on dimensioning 90184
Hess, J. *see* Lindner, J. 65690
Hess, K. *see* Abramo, A. 81195
Hess, K. *see* Grupen, M. 94489
Hess, K. *see* Sotirelis, P. 49794
Hess, K. *see* Yoder, P.D. 62157
Hess, O. *see* Fischer, I. 94485
Hess, P. Amorphous semiconductors: deposition chemistry and bonding 48988
Hess, P. *see* Barth, M. 48977
Hess, R. *see* Al-Jalili, Y.O. 51299
Hess, R. *see* Martin, A. 67356
Hess, W. Speech synthesis—a solved problem? 64331
Hess-Nielsen, N. Control of frequency spreading of wavelet packets 57578
Hesse, J. *see* Hallfahrt, G. 89424
Hesselbach, J., Nicolaysen, E. Disturbance treatment and error avoidance in automated assembly 69553
Hesselbarth, J. *see* Michel, E. 88029
Hesselberth, J.F. Problem-solving in research and development 60847
Hesselink, L. *see* Aronson, L.B. 94165
Hesselink, L. *see* Bashaw, M.C. 83378
Hesselink, L. *see* De Vre, R. 63342
Hesselink, L. *see* De Vre, R. 83377
Hesselink, L. *see* Heanue, J.F. 73165
Hesselink, L. *see* Heanue, J.F. 82526
Hesselink, L. *see* Smith, S.L. 82722
Hessenbruch, J.M. *see* Guilfoyle, P.S. 63518
Hessenmuller, H., Bartel, W., Doring, K.-H., Giloi, H.-G., Grimm, K., Hein, B., Herber, R., Komp, G., Martin, H., Plumer, T., Roppel, C., Sipahi, S., Widera, R., Willie, H. Access network structures for interactive video services. I 86797
Hessenmuller, H., Bartel, W., Doring, K.-H., Giloi, H.-G., Grimm, K., Hein, B., Herber, R., Komp, G., Martin, H., Plumer, T., Roppel, C., Sipahi, S., Widera, R., Willie, H. Access network structures for interactive video services. II 97634
Hesser, P. Developments in the use of flat displays in industry 53003
Hesser, R.C. Hitachi international open systems strategy 74909
Hessmer, R., Schreck, M., Geier, S., Stritzker, B. Correlation between breakdown voltage and structural properties of polycrystalline and heteroepitaxial CVD diamond films 82116
Hessmer, R. *see* Schreck, M. 69934
Hester, C.F. *see* Vijaya Kumar, B.V.K. 51574
Hester, C.F. *see* Vijaya Kumar, B.V.K. 51672
Hester, R.B. *see* Sandell, G.R.A. 77130
Hesterberg, T. Saddlepoint quantiles and distribution curves with bootstrap applications 69670
Hesterman, V.W. *see* Anthony, T.C. 72131
Hesto, P., Aguilhon, L., Tremblay, G., Bourgoin, J.P., Vandevyver, M., Barraud, A. Field-effect induced modulation of conduction in Langmuir-Blodgett films of ethylenedithiotetrathiofulvalene derivatives 49992
Hesto, P. *see* Abramo, A. 81195
Hesto, P. *see* Brisset, C. 71778
Heston, D. *see* Yarborough, R. 80836
Hetfleisch, J. *see* Zobel, W. 66710
Hetherington, D.L. *see* Shul, R.J. 93215
Hetherington, H.P. *see* Vaughan, J.T. 98861
Hetke, J.F., Lund, J.L., Najafi, K., Wise, K.D., Anderson, D.J. Silicon ribbon cables for chronically implantable microelectrode arrays 67422
Hetrick, P.S. *see* Oldham, N.M. 86897
Hetrick, R.E., Schamp, A.L. Capacitive air-fuel ratio sensor 98143
Hetrick, V.R. Elements of multimedia 97683
Hettak, K., Coupez, J.P., Sheta, A., Le Gouguec, T., Toutain, S. Practical design of uniplanar broadband subsystems. Application to a wideband hybrid magic tee 80635
Hettel, R. *see* Chung, Y. 76478
Hetterich, M. *see* Grun, M. 69947
Hetterich, M. *see* Grun, M. 69994
Hettich, B. *see* Majewski, P. 63269
Hetzel, P. *see* Davis, J.A. 86907
Hetzer, D. *see* Butscher, B. 85698
Hetzer, D. *see* Hartenhaler, H. 65386
Hetzmannseder, E., Rieder, W. The influence of bounce parameters on the make erosion of silver/metal-oxide contact materials 61982
Heuer, A. *see* Rittner, K. 72670
Heuer, D. *see* Scott, J. 97845
Heuer, J.K. *see* Schwartz, J. 63278
Heuer, R. *see* Debiak, T.W. 76588
Heuer, R. *see* Ingold, G. 63868
Heuer, R.D. *see* Bouclier, R. 67348
Heuer, R.L. *see* Krishnaswamy, J. 63872
Heuer, R.L. *see* Lehrman, I.S. 71022
Heuermann, H., Schiek, B. Robust algorithms for Txx network analyzer self-calibration procedures 58648
Heuermann, H., Schiek, B. Results of network analyzer measurements with leakage errors corrected with the TMS-15-term procedure 87042
Heuermann, H., Schiek, B. Error corrected impedance measurements with a network analyzer 87425
Heuken, M. *see* Gleitsmann, G. 71281
Heuken, M. *see* Hoffmann, A. 71303
Heuken, M. *see* Marquardt, E. 71107
Heuken, M. *see* Nagele, M. 63982
Heuken, M. *see* Sollner, J. 61286
Heuken, M. *see* Taudt, W. 70000
Heukenkamp, H. *see* Belolaptikov, I.A. 59156
Heumann, E. *see* Danger, T. 82987
Heumann, E. *see* Heine, F. 72763
Heumann, K., Ying, J. Small loss series resonant inverter 90188
Heumann, K. *see* Bober, G. 71620
Heumann, K. *see* Jianping Ying 90663
Heumann, K. *see* Jianping Ying 90664
Heung Chang Soon *see* Soon Heung Chang
Heung gyoon Ryu *see* Yong Ro Kim 97092
Heung Jang Ki *see* Ki Heung Jang
Heung Lak Park *see* Sung Bo Hwang 71426
Heung Lee Jae *see* Jae Heung Lee
Heung Sik Kim, Hyung Won Yoo, Chul Youn, Tae Gak Kim, Min Sung Choi A study on the contamination of DI water and its effect on semiconductor device manufacturing 93233
Heung Soo Kim *see* Jong Hak Hwang 92120
Heung Soo Kim *see* Young Gun Kim 70385
Heung-Yeung Shum, Ikeuchi, K., Reddy, R. Principal component analysis with missing data and its application to object modeling 84817
Heunis, A. Rates of convergence for an adaptive filtering algorithm 84333
Heurman, M. *see* Ebberg, A. 86403
Heusch, B. *see* Moszynski, M. 98544
Heuser, A.W. *see* Higdon, N.S. 99175
Heuser, L. *see* Lang, M. 76976
Heusinger, F., Ronge, K., Stock, G. Field programmable Gate Arrays - A survey. VI 92116
Heusinger, M.A. *see* Nebosis, R.S. 66354
Heusinger, M.A. *see* Semenov, A.D. 66352
Heusinger, P., Ronge, K., Stock, G. Field programmable logic gate arrays (FPGAs). II. Handling of complex ASICs 55197
Heusinger, P., Ronge, K., Stock, G. Programming of complex FPGAs (field programmable logic arrays). III 55198
Heusinger, P., Ronge, K., Stock, G. The mystery of field programmable logic arrays (FPGAs). IV. Verification of designs specified in high level languages 61632
Heusinger, P., Ronge, K., Stock, G. FPGAs—a myth? 5. Advantages and disadvantages of the applied FPGA architecture 70380
Heusler, B. *see* Heusler, O. 70936
Heusler, O., Heusler, B. On the problem of temporal constancy of manganin resistors 70936
Heute, U. *see* Halka, U. 95316
Heuthe, S. *see* Dickmann, J. 56034
Heutmann, T. Utilization concept for the frequency range from 380 to 470 MHz 66015
Hevenor, R.A., Margerum, E.A. Edge detection using a complex wavelet 58474
Hewak, D.W., Medeiros Neto, J.A., Samson, B., Brown, R.S., Jedrzejewski, K.P., Wang, J., Taylor, E., Laming, R.I., Wylangowski, G., Payne, D.N. Quantum-efficiency of praseodymium doped Ga:La:S glass for 1.3 μm optical fibre amplifiers 56708
Hewak, D.W., Samson, B., Medeiros Neto, J.A., Wang, J., Jedrzejewski, K., Wylangowski, G., Taylor, E.R., Laming, R.I., Naftaly, M., Jordery, S., Jha, A., Baro, M.D., Surinach, S., Tarbox, E., Maton, P.D., Roba, G.M., Kinsman, B.E., Hanney, R. Application of low phonon energy glasses for optical amplification at 1.3 microns 56726
Hewak, D.W., Samson, B.N., Neto, J.A.M., Laming, R.I., Payne, D.N. Emission at 1.3 μm from dysprosium-doped Ga:La:S glass 63708
Hewak, D.W. *see* Samson, B.N. 83017
Hewer, G., Kuo, W. Wavelet transform of fixed pattern noise in focal plane arrays 58965
Hewer, G. *see* Kenney, C. 57839
Hewett, D. *see* Yu, S. 67027
Hewett, D.W. *see* Rutkowski, H.L. 66802
Hewett, D.W. *see* Yu-Jiuan Chen 67029
Hewett, R. Modeling for integrated diagnostic expert systems 76891
Hewgill, L. Motion estimation of a freely rotating body in Earth orbit 53505
Hewgill, L. *see* Grimm, K.A. 53504
Hewins, A.R. *see* Dalgoutte, D.G. 86515
Hewit, J.R. *see* Hagelin, P.M. 95799
Hewitt, B.S. The evolution of radar technology into commercial systems 97405
Hewlett, S.J. *see* Morey, W.W. 56330
Hexu Sun *see* Sun Hexu
Hey, H.L., Matias, L., Vieira, J.B., Jr. Analysis and design of a ZC-ZVS PWM converter 100244
Hey, R. *see* Asche, M. 62287
Hey, T. *see* Schwille, W.J. 76785
Hey-Shipton, G.L. *see* Matthaei, G.L. 49623
Hey-Shipton, G.L. *see* Matthaei, G.L. 72276
Heydari, M.H., Tollis, I.G., Chunliang Xis Algorithms and bounds for layer assignment of MCM routing 55051
Heydari, M.H., Tollis, I.G., Chunliang Xia Improved techniques for MCM layer assignment 92834
Heydari Huschang *see* Huschang Heydari
Heydarian, M. *see* Hoban, P.W. 77096
Heyde, E.C., Minasian, R.A. A solution to the synthesis problem of recirculating optical delay line filters 86324
Heydeman, J., Honderd, G. Adaptive and supplementary intelligent control of power system stabilizers 53707
Heydenreich, J. *see* Breitenstein, O. 90387
Heydenreich, J. *see* Kirstaedter, N. 83054
Heydinger, M. *see* Lau, J. 92814
Heydorn, K., Hegaard, N. Multivariate data analysis of process control data from neutron transmutation doping of silicon 55703
Heydt, G.T., Hoffman, S.P., Risal, A., Sasaki, R.I., Kemper, M.J. The impact of energy saving technologies on electric distribution system power quality 99660
Heydt, G.T. *see* Kish, D.J. 68206
Heye, W. *see* Wittwer, C. 63149
Heyes, N.A.E. *see* Wright, C.D. 56224
Heylen, A.E.D., McMahon, S.P., McLean, I.R., Dring, D. High-voltage insulation co-ordination: timelags of parallel-plate, rod-plane, rod-rod gaps, cap and pin insulators and surge diverter 78024
Heyliger, P. *see* Brooks, S. 93752
Heyman, D.P., Lakshman, T.V. Source models for VBR broadcast-video traffic 64753
Heyman, D.P. *see* Cohen, D.M. 75105
Heyman, E. Pulsed beam propagation in inhomogeneous medium 51074
Heyman, E., Melamed, T. Certain considerations in aperture synthesis of ultrawideband/short-pulse radiation 57221
Heyman, E. *see* Ianconescu, R. 73304
Heyman, E. *see* Ianconescu, R. 94766
Heyman, J.N. *see* Allen, S.J. 71163
Heymann, P., Prinzler, H., Schnieder, F. De-embedding of MMIC transmission-line measurements 80850
Heymann, S. *see* Schettler, O. 91852

Heyn, H., Decker, I., Martinen, D., Wohlfahrt, H. New capabilities for supervising high-power CO_2 laser beams in research and industry 94575
Heyne, C.J. *see* Hackworth, D.T. 90471
Heynitz, H. *see* Aoki, S. 53304
Heyns, M. *see* Carr, P. 62342
Heyns, M. *see* Verhaverbeke, S. 62494
Heyns, M.M. *see* Depas, M. 71702
Heyns, M.M. *see* Mertens, P.W. 71400
Heyns, M.M. *see* Schmidt, H.F. 62457
Heynssens, J., Fowler, A. Valley Oakes/Cincinnati electronics 256×256 InSb array evaluation 58848
Heynssens, J. *see* Fowler, A.M. 58845
Heyun Lin *see* Lin Heyun
Heyward, W. *see* Feldman, M.R. 82850
Heywood, P. Shifting SNA onto a global router backbone: SKF shows how its done 58001
Heywood, P. Users get a closer look at virtual private networks 65176
Heywood, P., Gronert, E. SMDS is here: Where are the customers? 96629
Heywood, P. *see* Gronert, E. 52055
Hezel, P.J. *see* Veron, H. 66626
Hezel, R., Ziegler, R. Ultrathin self-supporting crystalline silicon solar cells with light trapping 100649
Hezel, R. *see* Guo, L. 69004
Hezel, R. *see* Jaeger, K. 100727
Hezhong Guo *see* Tate, J.P. 92896
Hi Chang Kyung *see* Kyung Hi Chang
Hi Lee Hwae *see* Hwae Hi Lee
Hianik, T. *see* Tvarozek, V. 66513
Hiap Liew Ong Elimination of Fabry-Perot effect in 4×4 propagation matrix method and its application to liquid crystal displays 50590
Hiasato, H. *see* Ota, Y. 56085
Hibbard, J.F. *see* Lowenstein, M.Z. 67996
Hibberd, R.D. *see* Potamianos, P. 98928
Hibberd, R.D. *see* Van Woerden, J.A. 98990
Hibbs, A.D., Sager, R.E., Kumar, S., McArthur, J.E., Singsaas, A.L., Jensen, K.G., Steindorf, M.A., Aukerman, T.A., Schneider, H.M. A SQUID-based ac susceptometer 82395
Hibbs, M.S. *see* Brunner, T.A. 71502
Hibbs-Brenner, M. *see* Lewis, D.K. 82873
Hibbs-Brenner, M.K., Ruden, P.P., Lehman, J.A., Liu, J.J., Walterson, R.A. Optical properties of AlGaAs/GaAs nipi superlattices and their application in asymmetric cavity spatial light modulators 71153
Hibi, T. Cohen-Macaulay type of the face poset of a plane graph 79610
Hibino, K., Hegedus, Z.S. Hyperbolic holographic gratings: analysis and interferometric tests 56934
Hibino, M. *see* Hanai, T. 81166
Hibino, T., Iwahara, H. Detection of D_2O in water isotopes using a high-temperature protonic conductor 87145
Hibino, Y., Hanawa, F., Nakagome, H., Takato, N., Miya, T., Yamaguchi, M. High reliability silica-based PLC 1×8 splitters on Si 50549
Hibino, Y. *see* Hattori, K. 72971
Hibino, Y. *see* Kitagawa, T. 50768
Hibino, Y. *see* Kitagawa, T. 72787
Hibino, Y. *see* Malo, B. 63443
Hibino, Y. *see* Malo, B. 72383
Hibino, Y. *see* Okazaki, Y. 52034
Hibino, Y. *see* Suzuki, S. 63451
Hibiya, T. *see* Kyung-Woo Yi 54811
Hibler, M. *see* Fiegl, B. 79366
Hibler, M. *see* Fiegl, B. 79383
Hibst, H. *see* Fischer, G. 49014
Hibst, H. *see* Fischer, G. 50309
Hibst, H. *see* Richter, H.J. 50308
Hicham, S. *see* Gosselin, A. 87953
Hichida, N. *see* Wakuta, Y. 53270
Hickel, W., Menges, B., Althoff, O., Lupo, D., Falk, U., Scheunemann, U. Alternating Langmuir-Blodgett multilayers with low optical losses for Cerenkov-type frequency doubling 63431
Hickernell, F.S., Hickernell, T.S., Ming Liaw The acoustic properties of PECVD thin-film silicon carbide 92979
Hickernell, F.S. *see* Liaw, H.M. 93845
Hickernell, F.S. *see* Yoonkee Kim 63119
Hickernell, R.K. *see* Schaafsma, D.T. 94458
Hickernell, T.S. *see* Hickernell, F.S. 92979
Hickey, D.J. *see* Mosbarger, R.D. 60961
Hickey, K. *see* Gill, E.W. 77540
Hickey, M., Kazovsky, L. The STARNET coherent WDM computer communication network: experimental transceiver employing a novel modulation format 65838
Hickling, E.M. *see* Hollywell, P.D. 68373
Hickling, S. *see* Thornton, K.E.B. 50846
Hickman, I. Current conveyor ICs — a new building block 49589
Hickman, I. Low distortion audio oscillator 52740
Hickman, I. Synchronous oscillators: alternative to PLL? 55162
Hickman, I. The ins and outs of oscillator action 61591
Hickman, I. The transformer ratio arm bridge 87359
Hickman, I. Smaller steps to better performance [active multipliers] 91953
Hickman, I. LCR measuring transformed 98189
Hicks, G.P. Strategies for system compliance [EMC] 57150
Hicks, J. *see* Wedekind, M. 76732
Hicks, J.A., Chappell, M.A. Consumer interactive TV: what comes after the digital set-top box/TV combination? 85594
Hicks, K. *see* Wai-Hoi Wong 88412
Hicks, K. *see* Wai-Hoi Wong 98824
Hicks, K. *see* Wong, W.-H. 53408
Hicks, P.J. *see* Hatfield, J.V. 58879
Hicks, P.J. *see* Hatfield, J.V. 59616
Hicks, P.J. *see* Hatfield, J.V. 87320
Hicks, P.J. *see* Hatfield, J.V. 88879
Hicks, P.J. *see* Scales, N.R. 80185
Hicks, R., Halstead, W. Flat lamp technology for LCD's 77168
Hicks, S. Advanced Cruise Missile guidance system description 59637
Hida, A. *see* Matsushima, F. 61818
Hida, H., Tokushima, M., Fukaishi, M., Maeda, T., Ohno, Y. A 0.25 μm inner sidewall-assisted super self-aligned gate heterojunction FET fabricated using all dry-etching technology for low voltage controlled LSIs 63026
Hida, Y., Imamura, S. Influence of water sorption on acrylic polymer waveguide loss 82675
Hida, Y., Inoue, Y., Imamura, S. Polymeric arrayed-waveguide grating multiplexer operating around 1.3 μm 65781
Hidai, T., Iida, H., Kitayama, M., Inudo, T., Kanamaru, Y., Otsuka, K. Compact type radar 97428
Hidaka, A. *see* Suzuki, S. 79026
Hidaka, H. *see* Asakura, M. 70560
Hidaka, H. *see* Asakura, M. 92222
Hidaka, H. *see* Asakura, M. 92235
Hidaka, H. *see* Eimori, T. 93610
Hidaka, H. *see* Ooishi, T. 49422
Hidaka, H. *see* Ooishi, T. 70529
Hidaka, H. *see* Ooishi, T. 70554
Hidaka, H. *see* Suma, K. 92221
Hidaka, H. *see* Suma, K. 92238
Hidaka, K. *see* Bouziane, A. 50121
Hidaka, K. *see* Bouziane, A. 50122
Hidaka, M. *see* Niimura, N. 98529
Hidaka, N. *see* Saito, T. 80786
Hidaka, R., Yamaguchi, T., Tsuruta, A., Tanaka, M., Kawai, Y. Production of electron cyclotron resonance plasma for uniform deposition using a TE_{01} mode microwave 54974
Hidaka, T. Frequency-domain multiplex logic gate 63523
Hidaka, T. Generation of a diffraction-free laser beam using a specific Fresnel zone plate 63922
Hidaka, T., Suemune, I. Low-temperature selective epitaxial growth of GaAs using triethylgallium and amino-As in metalorganic molecular beam epitaxy 69984
Hidaka, T. *see* Yokoyama, M. 62783
Hidalgo, R.A. The mixed elliptically fixed point property for Kleinian groups 91161
Hidalgo, R.A. On Schottky groups with automorphisms 91162
Hidalgo, S., Fernandez, J., Godignon, P., Rebollo, J., Millan, J. Power lateral DMOS transistor test structures 50030
Hidalgo, S. *see* Flores, D. 81927
Hide, I. *see* Aso, T. 55691
Hidmi, H.I., Richard, P., Ben-Itzhak, I. Energy calibration of an accelerator using cusp electron spectroscopy 59013
Hie Kim Jai *see* Jai Hie Kim
Hieber, H. *see* Wulff, F.W. 62018
Hiei, F. *see* Ozawa, M. 72841
Hielscher, F.H. *see* Ahmad, I. 70257
Hielscher, G. *see* Dziedzic, A. 66552
Hien Nguyen, Mark, J.W. Concentric-shell partition vector quantization with application to image coding 57751
Hientz, M., Tillmann, M. The Short Message Service—a new service for digital mobile communications 75231
Hierlemann, A. *see* Schierbaum, K.D. 66231
Hiernaux, P. *see* Lo Seen, D. 67898
Hieronymi, F., Bottcher, E.H., Droge, E., Kuhl, D., Kollakowski, St., Bimberg, D. Large-area low-capacitance InP/InGaAs MSM photodetectors for high-speed operation under front and rear illumination 76001
Hiester, C.S., Longenecker, C.L. Control system upgrades at Wagner station units 3 and 4 78416
Hietala, V.M., Kravitz, S.H., Armendariz, M.G., Vawter, G.A., Carson, R.F. High-performance GaAs/AlGaAs optical phase modulators for microwave photonic integrated circuits 82727
Hietala, V.M., Martens, J.S., Plut, T.A., Tigges, C.P., Zipperian, T.E., Ginley, D.S., Truman, J.K. High temperature superconducting slow-wave coplanar transmission lines with normal-metal crossbars 70814
Hietala, V.M. *see* Armendariz, M.G. 72557
Hietala, V.M. *see* Hilbert, C. 50423
Hietala, V.M. *see* Sherwin, M.E. 71710
Hietala, V.M. *see* Zolper, J.C. 71727
Hietanen, I. *see* Huhtinen, M. 59073
Hietanen, J., Oksanen, M. Photoacoustic testing of ultrasonic air transducers 77738
Hietarinta, J. Solving the constant quantum Yang-Baxter equation in 2 dimensions with massive use of factorizing Grobner basis computations 69797
Higa, H. *see* Nakamura, I. 61566
Higa, K., Aiken, M.W., Liu Sheng, O.R. Structured design of a knowledge-based message dissemination system 52053
Higa, K.T. *see* Bicknell-Tassius, R.N. 71283
Higake, M. *see* Ikeda, R. 91003
Higaki, K. *see* Nakahata, H. 93865
Higaki, K. *see* Shikata, S. 93846
Higaki, N. *see* Satoh, S. 61696
Higaki, T. *see* Kashihara, K. 71898
Higasa, H., Ishikawa, F., Nasu, H., Hayashi, S., Nakayama, A., Satoh, K., Nishimi, T. Vehicle motion control of the four wheel-in motor drive electric vehicle 54194
Higasa, H. *see* Matsumura, S. 52758
Higashi, G.S. *see* Blayo, N. 71320
Higashi, G.S. *see* Pietsch, G.J. 62462
Higashi, G.S. *see* Poate, J.M. 81198
Higashi, G.S. *see* Poate, J.M. 82053
Higashi, T. Fourier description method, for three-dimensional contours and their stereo images 85141
Higashi, T., Nakahara, M., Ninomiya, T. Large-signal transient response of regulated resonant converters 100267
Higashi, Y., Maruo, T., Homma, Y., Kodate, J., Miyake, M. Laser-induced sputtered neutral mass spectrometry study of arsenic concentration profiles in a polycrystalline silicon/single-crystal silicon system 49871
Higashi, Y. *see* Okuno, S. 98559
Higashi, Y. *see* Saito, K. 70135
Higashi, Y. *see* Saitoh, Y. 59075
Higashi, Y. *see* Saitoh, Y. 88124
Higashi, Y. *see* Saitoh, Y. 98580
Higashida, M., Matsumoto, T., Ohara, Y., Sekine, J. First step toward carrier-common computer procurement specifications: NM forum announces SPIRIT issue 1.0 52078
Higashiki, T. The estimation and improvement of overlay error budgets for an excimer laser aligner: compensation for illumination optical system errors 81746
Higashimura, Y. *see* Kako, Y. 50146
Higashimura, Y. *see* Kako, Y. 50147
Higashino, T. *see* Kitamichi, J. 49362
Higashino, T. *see* Li, X.D. 96620
Higashisaka, N., Shimada, M., Ohta, A., Hosogi, K., Tobita, Y., Mitsui, Y. GaAs DCFL 2.5 Gbps 16-bit Multiplexer/Demultiplexer LSI's 75162
Higashisaka, N. *see* Kubo, K. 86011
Higashitani, K. *see* Nozaki, M. 56071
Higashiyama, Y. *see* Asano, K. 64075
Higby, D. *see* Brown, D. 59084
Higdon, N.S., Browell, E.V., Ponsardin, P., Grossmann, B.E., Butler, C.F., Chyba, T.H., Neale Mayo, M., Allen, R.J., Heuser, A.W., Grant, W.B., Ismail, S., Mayor, S.D., Carter, A.F. Airborne differential absorption lidar system for measurements of atmospheric water vapor and aerosols 99175
Higdon, N.S. *see* Ponsardin, P. 99176
Higeta, K. *see* Nambu, H. 70537
Higgins, A.L., Bahler, L.G., Porter, J.E. Voice identification using nearest-neighbor distance measure 84050
Higgins, C.S. *see* Hofler, A.S. 76486
Higgins, I.M., III *see* Robinson, D.L. 91049
Higgins, J.A. *see* Nan Lei Wang 92517
Higgins, J.R. *see* Beaty, M.G. 79653
Higgins, L. *see* Hargreaves, T.A. 92887
Higgins, P.E., Constantinides, A. Final reliability-growth results for EMATT, a 1-shot device 59652
Higgins, R.A. *see* Lekhakul, S. 60787
Higgins, R.J. *see* Carnahan, R.E. 55865
Higgins, R.J. *see* Carnahan, R.E. 62263
Higgins, R.J. *see* Yoonkee Kim 63119
Higgins, W.E. *see* Dunn, D.F. 84949
Higgins, W.E. *see* Reinhardt, J.M. 84969
Higgs, V., Lightowlers, E.C., Sturm, J.C., Xiao, X., Wright, P.J. CL imaging of $Si/Si_{1-x}Ge_x/Si$ quantum wells grown by RTCVD 81320
Higham, E.H. *see* Amadi-Echendu, J.E. 97869
Higham, E.H. *see* Zhu, H. 98349
Highet, B. *see* Mansell, G. 89130
Highfill, J.H. *see* Sun, J.Q. 93787
Highland, H.J. What is the Clipper chip war? 83975
Hightower, J. *see* Grugel, R.N. 70106
Higley, J. *see* Kinkead, D. 62361
Higman, J. *see* Pfiester, J.R. 70482
Higman, J.M. *see* Abramo, A. 81195
Higo, T. *see* Kubo, K. 87805
Higo, T. *see* Sakanaka, S. 67130
Higuchi, H., Arita, T., Aramoto, T., Nishio, T., Hiramatsu, K., Hanafusa, A., Ueno, N., Omura, K., Nakayama, N., Takakura, H., Murozono, M. Large-area CdS/CdTe solar cell with highly transparent sintered CdS layer 100494
Higuchi, H. *see* Chichibu, S. 48999
Higuchi, H. *see* Chichibu, S. 62213
Higuchi, H. *see* Chichibu, S. 79822
Higuchi, H. *see* Nakayama, N. 93005
Higuchi, H. *see* Tachibana, S. 70541

Higuchi, K., Yamada, K., Sugimoto, M. Systematic design of microcomputer-based embedded control systems 55289
Higuchi, K. *see* Masaki, T. 68303
Higuchi, K. *see* Tamaki, S. 61707
Higuchi, K. *see* Ueki, H. 92296
Higuchi, M. *see* Chiang, J.H. 99904
Higuchi, M. *see* Hoshi, Y. 88113
Higuchi, M. *see* Ishikawa, N. 64170
Higuchi, M. *see* Masuda, K. 67337
Higuchi, M. *see* Obsugi, T. 59069
Higuchi, M. *see* Oyama, K. 98567
Higuchi, M. *see* Sakamoto, M. 59077
Higuchi, M. *see* Sakata, S. 82927
Higuchi, M. *see* Unno, Y. 98558
Higuchi, N. *see* Kawai, H. 51478
Higuchi, N. *see* Sasaki, I. 54502
Higuchi, N. *see* Sasaki, I. 90995
Higuchi, R. *see* Kitazawa, M. 56871
Higuchi, S., Miyazaki, T., Suzuki, Y., Tanaka, H., Matsuyama, I. Effect of TiO_2 addition on oxidizing catalytic activity of an Al_2O_3 slider for magnetic disks 70178
Higuchi, T., Nonaka, S. Design of single-sided linear induction motors using a nonlinear optimization technique 90596
Higuchi, T. *see* Aoki, T. 49728
Higuchi, T. *see* Aoki, T. 94307
Higuchi, T. *see* Hanyu, T. 80384
Higuchi, T. *see* Iwata, Y. 61798
Higuchi, T. *see* Jin, J. 94753
Higuchi, T. *see* Niino, T. 57062
Higuchi, T. *see* Oka, K. 90598
Higuchi, T. *see* Watanabe, Y. 56595
Higuchi, T. *see* Yang, X. 65497
Higuchi, T. *see* Yang, X. 92377
Higuchi, Y. *see* Matsubara, T. 86021
Higuchi, Y. *see* Matsubara, T. 94308
Higuma, T., Inoue, M., Nanjo, K., Suzuki, S., Kobayashi, T. System architecture and interface for an apartment management system 90681
Hii, L.M. *see* Korn, I. 95213
Hilbner, P. *see* Rando, N. 82355
Hijazi, A. *see* Claeys, W. 79311
Hijazi, M.E.A., Basak, A. Analysis of integral method for fault detection in transformers 54050
Hijikata, K., Fushimobu, K., Nagasaki, T., Phelan, P.E. Numerical and experimental studies for the conjugate direct cooling of a micro heat generating element 79417
Hijikata, K. *see* Kukac, S. *(editor)* 79150
Hijikawa, M. *see* Tohyama, S. 98089
Hijzen, E.A., Schooneveld, E.M., van Eijk, C.W.E., Hollander, R.W., Sarro, P.M., van den Bogaard, A. A novel silicon drift detector with two dimensional drift time measurement 88030
Hijzen, E.A., Schooneveld, E.M., van Eijk, C.W.E., Hollander, R.W., Sarro, P.M., van den Bogaard, A. New ideas for two dimensional position sensitive silicon drift detectors 88122
Hijzen, E.A., Schooneveld, E.M., van Eijk, C.W.E., Hollander, R.W., Sarro, P.M., van den Bogaard, A. New silicon drift detector design with two dimensional drift time measurement 98571
Hiki, S. *see* Fukuda, Y. 98975
Hiki, Y. *see* Takahashi, H. 98344
Hikichi, N. *see* Sato, J. 49492
Hikichi, Y. *see* Nagata, H. 58561
Hikida, K., Ishino, K., Ishida, A., Kiichi, T., Nakamura, T., Fujiyasu, H. Red electroluminescent devices using Mn-doped CdS(Se) and CdTe-ZnS superlattices 63586
Hikihara, T. Stability of variable-structural controlled nonautonomous system: existence and stability of closed orbit 80092
Hikita, K., Miyayama, M., Yanagida, H. New gas-sensing method for detecting carbon monoxide by use of the complex impedance of a CuO/ZnO heterocontact under a dc bias voltage 87315
Hikita, K., Miyayama, M., Yanagida, H. CO gas identification by use of complex impedance of pn heterocontact comprising of Na-added CuO and ZnO 98166
Hikita, M., Kato, T., Okubo, H. Partial discharge measurements in SF_6 and air using phase resolved pulse-height analysis 50123
Hikita, M., Shibuyaki, N., Akagi, T., Sakiyama, K. Design methodology and synthesis techniques for ladder-type SAW resonator coupled filters 93814
Hikita, M., Sumioka, A., Tabuchi, T. A wideband SAW resonator and its application to a VCO for mobile radio transceivers 97150
Hikita, M. *see* Goshima, H. 63070
Hikita, M. *see* Hirose, M. 63288
Hikita, M. *see* Ieda, M. 93761
Hikita, M. *see* Okubo, H. 54114
Hikita, M. *see* Usui, M. 63439
Hikita, M. *see* Watanabe, T. 82621
Hikosaka, T. *see* Tanaka, Y. 63243
Hikosaka, Y., Nakamura, M., Sugai, H. Free radicals in an inductively coupled etching plasma 58806
Hilal, R., Rubinstein, J. Recognition of rotated images by invariant Karhunen-Loeve expansion 57146
Hilal, K. *see* Duhamel, P. 84308
Hilal, M.A., Vessey, G., Pfotenhauer, J.M., Kessler, E. Quench detection of multiple magnet system 82499
Hilands, T.W., Thomopoulos, S.C.A. Nonlinear adaptive joint detection/estimation for multi-radar data fusion 52630
Hilands, T.W. *see* Thomopoulos, S.C.A. 57516
Hilberg, W.Von *see* Von Hilberg, W.
Hilbert, C., Ghoshal, U., Kroger, H., Martens, J.S., Hietala, V.M., Plut, T.A. Superconducting readout of semiconductor memory at liquid nitrogen temperature 50423
Hilbert, E.E., Chung-Fu Chang Bayesian neural network ATR for multifeature SAR 75572
Hilbert, H. *see* Berko-Boateng, V. 54475
Hilbig, D. Advances in desoldering technology 81039
Hilbk, U., Hermes, T.H., Meissner, P., Westphal, F.-J. Overcoming the influence of Rayleigh backscattering in a coherent communication system 52498
Hilbk, U. *see* Saniter, J. 86404
Hilborn, D.S., Stapleton, S.P., Cavers, J.K. An adaptive direct conversion transmitter 65647
Hilborn, R.B. Team learning for engineering students 60788
Hild, B., Lasermann, K. Future-oriented converter system for production machines 100965
Hild, H., Waibel, A. Multi-speaker/speaker-independent architectures for the multi-state time delay neural network 84023
Hild, H. *see* Bregler, C. 73822
Hildebrand, K. *see* Kajcson, Zs. 88051
Hildebrand, O. *see* Dutting, K. 63791
Hildebrand, O. *see* Kuebart, W. 75492
Hildebrand, O. *see* Ohnsorge, H. 96422
Hildebrand, P.H. Estimation of sea-surface winds using backscatter cross-section measurements from airborne research weather radar 59554
Hildebrandt, T.H. A local neural implementation of histogram equalization 64810
Hildemann, J. *see* Albrecht, T. 87333
Hildreth, M. *see* Adolphsen, C. 76537
Hile, C.V. *see* Kutz, J.N. 94109
Hiley, J. *see* Lui, C.Y. 100408
Hilfer, G. *see* Szuszczewicz, E.P. 83662
Hilliker, J.N. *see* Frankel, M.Y. 49618
Hilgenkamp, J.W.M., Brons, G.C.S., Soldevilla, J.G., Ijsselsteijn, R.P.J., Flokstra, J., Rogalla, H. Four layer monolithic integrated high T_c DC SQUID magnetometer 66310
Hilgers, G. *see* Ambrosi, P. 88599
Hilgers, K. *see* Schmiedeskamp, B. 56504
Hilico, L. *see* Acef, O. 73020
Hilico, L. *see* Giacobino, E. 50954
Hilico, L. *see* Millerioux, Y. 58619
Hilico, L. *see* Millerioux, Y. 86877
Hilico, L. *see* Touahri, D. 86884
Hiligsmann, V. Study and implementation of position sensors combining a fanned laser beam and fluorescent optical fibre 52882
Hilke, J. *see* Abrahamsson, K. 76307
Hilke, J. *see* Danared, H. 67255
Hilker, S., Phan, N., Rainey, D. A 3.4 ns 0.8 μm BiCMOS 53×53 b multiplier tree 92127
Hilker, S. *see* Gruver, M. 92258
Hilko, B. *see* Chen, J. 81604
Hilko, R.A. *see* Wagner, R.S. 59107
Hill, A. *see* Cootes, T.F. 64822
Hill, A. *see* Hawker, I. 86471
Hill, A.E. *see* Leppavuori, S. 54962
Hill, A.E. *see* Levoska, J. 61326
Hill, B.P. *see* Lockyer, A.J. 88657
Hill, B.S. Industry's integration of environmental product design 54457
Hill, C. *see* Jones, S.K. 62967
Hill, C.A. *see* Harris, M. 97442
Hill, C.W., Tao, M., Gedridge, R.W., Jr., Stringfellow, G.B. Pyrolysis of diisopropylantimony hydride: a new precursor for organometallic vapor phase epitaxy 54918
Hill, D., Edwards, P., Hawkes, D. Fusing medical images 74484
Hill, D. *see* Evans, C. 98364
Hill, D.A., Ma, M.T., Ondrejka, A.R., Riddle, B.F., Crawford, M.L., Johnk, R.T. Aperture excitation of electrically large, lossy cavities 73894
Hill, D.G., Tserng, H.Q., Kim, T.S. 65/90 GHz complementary HBT technology 50075
Hill, D.J., Hiskens, I.A. Dynamic analysis of voltage collapse in power systems 77814
Hill, D.J., Hiskens, I.A., Popovic, D.H. Stability analysis of power system loads with recovery dynamics 77887
Hill, D.J., Hiskens, I.A., Wang, Y. Robust, adaptive or nonlinear control for modern power systems 89036
Hill, D.J. *see* Karlsson, D. 59674
Hill, D.J. *see* Law, K.T. 78015
Hill, D.J. *see* Law, K.T. 89094
Hill, D.J. *see* Wang, Y. 68139
Hill, D.J. *see* Youyi Wang 89075
Hill, D.L. *see* Lou, E. 88354
Hill, D.S. Aircraft configuration management using constraint satisfaction techniques 59491
Hill, E.F. *see* Helal, I. 99459
Hill, E.W. *see* Farrell, G.P. 71996
Hill, E.W. *see* Wright, C.D. 75874
Hill, G. The benefits of undersampling 74002
Hill, G. *see* Beaumont, S.P. 88037
Hill, G. *see* Bishop, P.J. 62288
Hill, G. *see* Buckle, P.D. 62269
Hill, G. *see* Clementi, J. 91015
Hill, G. *see* David, J.P.R. 93314
Hill, G. *see* Maude, D.K. 62271
Hill, G. *see* Teissier, R. 81785
Hill, H. Quality management—a conclusive concept 60999
Hill, H. *see* Majidi-Ahy, R. 80361
Hill, H.W. *see* Deib, D.A. 59873
Hill, H.W. *see* Deib, D.A. 60336
Hill, H.W. *see* Deib, D.A. 89206
Hill, H.W., Jr. *see* Aintablian, H.O. 67982
Hill, J. *see* Jachim, S.P. 67230
Hill, J. *see* Koenke, E. 77131
Hill, J.D. *see* Bopp, D. 60645
Hill, J.E. *see* Ashbrook, A. 99601
Hill, J.L., Amm, B.C., Schwartz, J. An analysis of force-reduced toroidal magnets 83559
Hill, J.M. *see* Stetina, F. 77307
Hill, J.R. *see* Deuchars, G.D. 100881
Hill, J.R. *see* Melamed, B. 74678
Hill, K.B. *see* Purchase, K.G. 75444
Hill, K.D. An apparatus for realizing the triple point of mercury 66711
Hill, K.O., Bilodeau, F., Malo, B., Kitagawa, T., Theriault, S., Johnson, D.C., Albert, J., Takiguchi, K. Chirped in-fiber Bragg gratings for compensation of optical-fiber dispersion 86452
Hill, K.O., Theriault, S., Malo, B., Bilodeau, F., Kitagawa, T., Johnson, D.C., Albert, J., Takiguchi, K., Kataoka, T., Hagimoto, K. Chirped in-fibre Bragg grating dispersion compensators: linearisation of dispersion characteristic and demonstration of dispersion compensation in 100 km, 10 Gbit/s optical fibre link 97288
Hill, K.O. *see* Kitagawa, T. 72787
Hill, K.O. *see* Malo, B. 63443
Hill, K.O. *see* Malo, B. 72383
Hill, M.A. *see* Sims, J.R. 83551
Hill, N. *see* Gai, W. 72996
Hill, P. Cable design in Eastern Electricity plc and how it has affected installation 59960
Hill, P. *see* Burger, J. 98570
Hill, P.C., Eggleton, B.J. Strain gradient chirp of fibre Bragg gratings 72303
Hill, R. *see* Ball, G.J. 78722
Hill, R. *see* Hassan, G.E. 61378
Hill, R. *see* Hassan, G.E. 69005
Hill, R. *see* Johnson, L. 86685
Hill, R. *see* Louineau, J.P. 100020
Hill, R. *see* Van Eupen, M. 57396
Hill, R.A., Knoesen, A., Mortazavi, M.A. Corona poling of nonlinear polymer thin films for electro-optic modulators 82729
Hill, R.A. *see* Yankelevich, D.R. 50581
Hill, R.J. Electric railway traction. II. Traction drives with three-phase induction motors 60578
Hill, R.J. Laboratory analysis of naturally aged silicone rubber polymer insulators from contaminated environments, 138 to 145 kV 89332
Hill, R.J., Cai, Y. Simulation of rail voltage and earth current in a PC-based traction power simulator 60577
Hill, R.J. *see* Fracchia, M. 54219
Hill, R.J. *see* Guan-Long Tan 99164
Hill, R.J. *see* Walczyna, A.M. 100141
Hill, R.J. *see* Walczyna, A.M. 100894
Hill, R.J. *see* Hawthorne, K.L. *(editor)* 48512
Hill, R.L. *see* Perkins, G.W. 86688
Hill, R.M. *see* Alison, J.M. 63056
Hill, R.W. *see* Hans, L. 81722
Hill, R.W. *see* Loschner, H. 62601
Hill, S.F. *see* Clarke, J.A. 87809
Hill, S.F. *see* Quinn, P.D. 98464
Hill, S.F. *see* Welbourne, L.A. 87820
Hill, S.L. *see* Downes, C.G. 59413
Hill, S.L. *see* Gray, J.O. 57480
Hill, T. *see* Busch, M. 74880
Hill, T.A. Prediction of contributions from individual power stations to "acid rain" 78386
Hill, T.A. *see* Allen, R.A. 62975
Hill, W., Wehling, B., Klockow, D. Chemo-optical sensing by SERS at organically modified surfaces 58798
Hill, W. *see* White, F. 62532
Hill, W.J. *see* Abdullah, F. 75823
Hill, W.J. *see* Abdullah, F. 86818
Hill-Cottingham, R.J. *see* Eastham, J.F. 89932
Hill-Cottingham, R.J. *see* Leonard, P.J. 83487
Hill-Lindsay, J.W., Yuen, J.T. Ultra-high impact resistant digital data recorder for missile flight testing 88901
Hille, P., Hohler, R., Strack, H. A linearisation and compensation method for integrated sensors 87155
Hillebrands, B. *see* Raasch, D. 82245
Hillegas, C.W., Tull, J.X., Goswami, D., Strickland, D., Warren, W.S. Femtosecond laser pulse shaping by use of microsecond radio-frequency pulses 56836
Hillemann, T., Hopermann, H. Knowledge-based sensor fault detection for gas turbines under consideration of uncrisp methods 60106
Hillemann, T. *see* Lunderstaedt, R.A. 52764
Hillenius, S.J. *see* Kamgar, A. 71820
Hillenius, S.J. *see* Rafferty, C.S. 93397

Hiller, B., Singh, G.P. Mechanism for formation of whiskers on a flying magnetic recording slider 72164
Hiller, J.M. *see* Ericson, M.N. 87032
Hiller, J.M. *see* Ericson, M.N. 98667
Hiller, K. *see* Aoki, S. 53304
Hiller, K. *see* Bahr, J. 88245
Hiller, M. *see* Kirchgessner, J. 67105
Hilleret, N. *see* Cavallari, G. 67070
Hilleringmann, U. *see* Brass, E. 82671
Hillery, W.J. *see* Bussmann, M. 52564
Hilliard, J.K. *see* Lamiell, J.M. 67508
Hillier, G. *see* Janz, C.F. 82718
Hillier, S. *see* Anderson, B.E. 88246
Hillion, P. Paraxial Maxwell's equations 50998
Hillion, P. Gaussian beam at a dielectric interface 94848
Hillmer, H., Grabmaier, A., Hansmann, S., Burkhard, H. Continuously distributed phase shifts in chirped DFB lasers using bent waveguides 86408
Hillmer, H., Hansmann, S., Burkhard, H., Walter, H., Krost, A., Bimberg, D. Study of wavelength shift in InGaAs/InAlGaAs QW DFB lasers based on laser parameters from a comparison of experiment and theory 94468
Hillmer, H., Kuhn, T. Study of carrier capture and vertical transport in quantum well heterostructures 62279
Hillmer, H., Kuhn, T., Greiner, A., Hansmann, S., Burkhard, H. The role of vertical transport and capture of electrons and holes for the transient optical response in quantum-well heterostructures 94475
Hillmer, H. *see* Hansmann, S. 72882
Hilloowala, R.M., Sharaf, A.M. A rule-based fuzzy logic controller for a PWM inverter in a stand alone wind energy conversion scheme 68505
Hilloowala, R.M., Sharaf, A.M. A utility interactive wind energy conversion scheme with an asynchronous DC link using a supplementary control loop 89779
Hills, D. *see* Williams, J. 99278
Hills, G. *see* Swan, S. 62419
Hills, J. *see* Venkatasubramanian, R. 100688
Hills, J.S. *see* Sharps, P.R. 100668
Hills, M. Cycle time reduction 92774
Hills, P. Household energy transition in Hong Kong 69245
Hills, P. *see* Powell, L. 70973
Hills, P.J. *see* Blythe, P.T. 69178
Hills, T. An object-oriented lesson [telecommunication services] 85889
Hillson, J. Continuous flow manufacturing 90923
Hilscher, D. *see* Pausch, G. 98513
Hilscher, G. *see* Kovac, P. 82337
Hilsmeier, T.A. *see* Petersen, T.A. 89409
Hilson, S., Bicknell, J. Using 2 Mb/sec bandwidth for mixed traffic 65411
Hiltebrand, E. New data sprinter for real time image processing: Sydama-2 computer module for rapid image transformations, filtering and correlation 64712
Hilton, A., Stoddart, A., Illingworth, J., Windeatt, T. Automatic inspection of loaded PCB's using 3D range data 69609
Hilton, A.R. Chalcogenide glasses for passive FLIR systems 63338
Hilton, A.R., Sr., Welt, D. Production of gallium arsenide IR windows 63333
Hilton, R. *see* Jackson, C.M. 49642
Hiltunen, J. *see* Jaaskelainen, T. 53551
Hilu, M., Madjar, A., Barlev, A. Extending the MESFET's optical response to high frequencies 82827
Himayat, N., Kassam, S.A. A structure for adaptive order statistics filtering 64731
Himbert, M. *see* Belaidi, H. 87419
Himbert, M. *see* Guellati, S. 83237
Himbert, M. *see* Juncar, P. 83242
Himdi, M. *see* Lebbar, H. 94953
Himel, M.D. *see* Tichenor, D.A. 81591
Himel, T., Allison, S., Grossberg, P., Hendrickson, L., Sass, R., Shoaee, H. Adaptive cascaded beam-based feedback at the SLC 76560
Himel, T. *see* Adolphsen, C. 76537
Himel, T. *see* McCormick, D. 76336
Himel, T. *see* Minty, M. 76510
Himel, T. *see* Ross, M.C. 76533
Himelick, J.A. *see* Jackson, J.E. 78961
Himeno, A. *see* Nagase, R. 96936
Himeno, A. *see* Suzuki, S. 65834
Himeno, A. *see* Takada, K. 96937
Himeno, T., Katoku, T. High-density magnetic tape recording by non-tracking method 72084
Himeno, Y. *see* Toyama, S. 66792
Himes, J.G. *see* Mayhew, G.L. 65951
Himi, S. *see* Kitazawa, M. 75437
Himmelblau, D.M. *see* Huang, Y.L. 81499
Himonas, S.D. CFAR integration processors in randomly arriving impulse interference 73961
Himpe, U., Gotte, B., Schatz, M. Influence of upstream bends on the discharge coefficients of classical venturi tubes and orifice plates 66771
Hin-Fai Chau, Yung-Chung Kao High f_{max} InAlAs/InGaAs heterojunction bipolar transistors 93346
Hinamoto, T. Spatial-domain 2-D filter design using the Fornasini-Marchesini second model 80491
Hinamoto, T., Harada, K. Design of 3-D separable-denominator digital filters using minimal decomposition and balanced realization 74177
Hinamoto, T., Senda, J., Muneyasu, M. Finite word length realization of 2D digital filters minimizing weighted sensitivity 49562
Hinamoto, T. *see* Muneyasu, M. 64556
Hinamoto, T. *see* Muneyasu, M. 74178
Hinamoto, T. *see* Muneyasu, M. 92407
Hinata, J.-I. *see* Matsuo, M. 92259
Hinata, T. *see* Krasinski, Z. 50475
Hinckley, J.M., Singh, J. Monte Carlo studies of Ohmic hole mobility in silicon and germanium: examination of the optical phonon deformation potential 81207
Hinckley, J.M. *see* Keesoo Yeom 55584
Hind, D.J. Radio frequency identification and tracking systems in hazardous areas 52329
Hinde, G. *see* Roughton, M. 54491
Hinden, H. *see* Rohne, K.-H. 68480
Hindi, H., Eisen, N., Fox, J., Linscott, I., Oxoby, G., Sapozhnikov, L. Analysis of DSP-based longitudinal feedback system: trials at SPEAR and ALS 76503
Hindi, H. *see* Fox, J.D. 76552
Hindin, E.M., Morency, J. The branch-office balancing act: More sites, more networks, same budget 65175
Hindle, J.G. Evolution from UPT to terminal mobility using the Vision O.N.E. call model 86119
Hindle, P. *see* Donahoe, K.E. 89186
Hindle, W.R., Jr. For the 1993 Pacific Telecommunications Conference database of the world: Converging technologies 85409
Hindley, A.D. *see* Murgatroyd, P.A. 90829
Hindley, M. Kemano completion project—justice for all? 53960
Hindley, M. Pumping up the volume 53967
Hindley, M. Small is beautiful [hydroelectric power] 89716
Hindmarsh, R.D. *see* Theissinger, M.R. 91725
Hindrichs, T. *see* Conrad, A. 54660
Hindson, W.S., Njaka, C.E., Aiken, E.W., Barnhart, W.A. RASCAL helmet mounted display flight research 67687
Hindus, D., Schmandt, C. Ubiquitous audio: capturing spontaneous collaboration 97734
Hindy, M.A. Slow-wave analysis on double-layered substrates 57171
Hine, N.A., Beattie, W., Gordon, I.A.S., Arnott, J.L., McKinlay, A., Spaepen, A., Wauters, F. Integration of adaptations for people with special needs 98993
Hinedi, S. *see* Mileant, A. 58367
Hinedi, S. *see* Million, S. 52461
Hinedi, S.M. *see* Nguyen, T.M. 51286
Hines, E.L., Gardner, J.W. An artificial neural emulator for an odour sensor array 66566
Hines, J.H., Malocha, D.C. A simple transducer equivalent circuit parameter extraction technique 93831
Hines, J.W. *see* Hajek, B.K. 68394
Hines, J.W. *see* Miller, D.W. 68376
Hines, P.C., Hutton, J.S., Collier, A.J. A free-floating, steerable, HF sonar for environmental measurements 99256
Hing Liu, Nodine, C.F. A generalized image contrast enhancement technique based on Heinemann contrast discrimination model 64646
Hinga, P.K., Ohnishi, T., Suzuki, T. A new PWM inverter for photovoltaic power generation system 100008
Hingorani, S. *see* Cox, I.J. 84666
Hingston, R.S. *see* White, B.J. 59755
Hinich, M.J. Higher order cumulants and cumulant spectra 57439
Hinich, M.J., Weber, W.E. Estimating linear filters with errors in variables using the Hilbert transform 57503
Hinich, M.J. *see* Barker, R.W. 58626
Hinken, J.H. *see* Krupka, J. 93683
Hinkers, G. *see* Alberter, G. 52663
Hinkkanen, A., Martin, G.J. Abelian nondiscrete convergence groups in the plane 91235
Hinkov, I., Hinkov, V., Wagner, E. Low power integrated acousto-optical tunable filters in first telecommunication window 94221
Hinkov, V. *see* Hinkov, I. 94221
Hinkson, J. Performance of Advanced Light Source particle beam diagnostics 76557
Hinkson, J. Advanced Light Source beam diagnostics systems 98448
Hinkson, J. *see* Barry, W. 76435
Hinman, C. *see* Kefford, D. 59092
Hinman, R.T., Schlecht, M.F. Power dissipation measurements on recovered energy logic 70424
Hinman-Sweeney, E.M. Developing an electronic international network for space communication 65141
Hino, I. *see* Gomyo, A. 61309
Hino, K. *see* Iwama, K. 91707
Hino, S., Togashi, M., Yamasaki, K. Asynchronous transfer mode switching LSIs with 10 Gbit/s serial inputs and outputs 75156
Hino, S. *see* Fujita, S. 75485
Hino, S. *see* Nishikido, J. 50713
Hino, S. *see* Nishikido, J. 96940
Hino, S. *see* Ohtomo, Y. 58266
Hino, T. Thermal equilibrium voltage generated in MIM structure with polyimide LB films 93092
Hino, T. Diffusion of carriers in polyimide LB films of MIM structures 93093
Hino, T., Sang-Hoon Kook, Young-Soo Kwon, Takeuchi, S. Electro-motive force generated in MIM structure of LB films 93091
Hino, T. *see* Ichikawa, Y. 78738
Hino, T. *see* Kushida, M. 62336
Hino, T. *see* Maeda, H. 79929
Hino, T. *see* Takagi, N. 61644
Hinode, F. *see* Unno, Y. 98558
Hinode, K., Furusawa, T., Homma, Y. Role of evolved stress in electromigration degradation 71403
Hinohara, K., Nakamura, K., Kobayashi, T., Miyata, T. Relationship between applied voltage to cause discharge and movement of carriers for rhodium-plated contact reed switches 61993
Hinohara, K. *see* Matsueda, H. 55453
Hinohara, K. *see* Nakamura, K. 58658
Hinrich, S. *see* Mussig, H.-J. 71085
Hinrichsen, V., Fien, H., Solbach, H.B., Priebe, J. Polymeric housed metal oxide surge arresters for high voltage transmission networks 99633
Hinrichsen, V. *see* Fien, H. 99773
Hinrichsen, V. *see* Mainville, J. 68911
Hinsberg, W.D. *see* Rao, V. 81662
Hinson, J. *see* Baumbaugh, B. 59149
Hinteregger, H.F., Rogers, A.E.E. Many-head arrays for high-data-rate recorders: requirements, design considerations for next-generation VLBI systems 72136
Hinterlong, S.J. *see* Novotny, R.A. 96944
Hinterlong, S.J. *see* Sasian, J.M. 94056
Hinton, H.S. *see* Plant, D.V. 82868
Hinton, J.C. *see* White, T.J. 60211
Hinton, O.R. *see* Adams, A.E. 51484
Hinton, O.R. *see* Lawlor, M.A. 58501
Hinton, O.R. *see* Tabatabaian, S.J. 73576
Hinton, R.D. *see* Tiebin Zhao 89262
Hintz, D.M., Muirhead, M.J. STRIDER—a low cost system for deepwater benthic surveys 99146
Hintz, T. *see* Sheridan, P. 74263
Hintze, B. *see* Schulz, S.E. 91642
Hinz, H. Industrial applications of the optical fibre bus connection 58433
Hioe, W. *see* Harada, Y. 70569
Hioki, I. *see* Toyoda, M. 90296
Hioki, T. *see* Kato, N. 94242
Hioki, T. *see* Morita, Y. 86785
Hiolle, P. *see* Krayem-Nevoux, R. 86185
Hiotakakos, D.J. *see* Xydeas, C.S. 64355
Hipkins, D.N. *see* Lockhart, J.M. 50409
Hippenstiel, R., Fargues, M.P. Classification of wideband transient signals using spectral-based techniques 95551
Hipperson, A. T9000 virtual link performance: a comparison of short message performance on T805s and T9000s 55277
Hipple, R. *see* Yu, S. 67027
Hippler, S. *see* Herbst, T.M. 66429
Hipps, K.W., Mazur, U. Unoccupied orbital mediated tunneling: resonance-like structures in the tunneling spectra of polyacenes 71581
Hir-Ming Shieh, Chang-Luen Wu, Wei-Chou Hsu, Yue-Huei Wu, Ming-Jer Kao Enhanced two-dimensional electron gas concentrations and mobilities in multiple δ-doped $GaAs/In_{0.25}Ga_{0.75}As/GaAs$ pseudomorphic heterostructures 55605
Hir-Ming Shieh *see* Chang-Luen Wu 81299
Hir-Ming Shieh *see* Chang-Luen Wu 93508
Hir-Ming Shieh *see* Wei-Chou Hsu 50045
Hira, M., Kubo, Y., Kitamura, T., Kurazono, S. Analysis of the high-T_c superconducting coplanar waveguides using the frequency-dependent finite-difference time-domain method 72214
Hira, M. *see* Kitamura, T. 51200
Hira, M. *see* Kitamura, T. 80738
Hira, M. *see* Kitamura, T. 83749
Hira, S. *see* Oka, S. 86784
Hirabayashi, A. *see* Sumida, H. 71663
Hirabayashi, A. *see* Sumida, H. 93487
Hirabayashi, A. *see* Suzuki, Y. 52797
Hirabayashi, H. *see* Kimura, A. 72259
Hirabayashi, K., Hirose, Y. Growth mechanism of flattened diamond crystals synthesized by chemical vapor deposition 91415
Hirabayashi, Y., Karasawa, S., Kobayashi, K., Misawa, S., Yoshida, S. Spectral response of a photodiode using 3C-SiC single crystalline film 66339
Hirachi, K. *see* Nishimura, T.H. 88558
Hirae, S., Kohno, M., Okada, H., Matsubara, H., Nakatani, I., Kusuda, T., Sakai, T. Novel approach to evaluation of charging on semiconductor surface by noncontact, electrode-free capacitance/voltage measurement 55768
Hiraga, T. *see* Kaneko, K. 58911
Hirahara, T. *see* Ohara, K. 95281
Hirai, H. *see* Oda, H. 93893
Hirai, H. *see* Shishida, K. 50358
Hirai, K., Ohnishi, R. Synchronization of nonlinear coupled oscillators 61594

Hirai, M., Takanishi, I., Ogura, T. High-speed multimedia backbone LAN applications 74949
Hirai, M. *see* Ejiri, Y. 96955
Hirai, N. *see* Saito, M. 98200
Hirai, N. *see* Yamazaki, T. 90671
Hirai, S., Furukawa, Y., Yokogawa, M. Computer simulation of anisotropic etching process based on reaction mechanism: finished profiles at convex and concave corners 81553
Hirai, T., Teramoto, K., Nishi, T., Goto, T., Tarui, Y. Formation of metal/ferroelectric/insulator/semiconductor structure with a CeO_2 buffer layer 93064
Hirai, T. *see* Hori, A. 93423
Hirai, T. *see* Shimoji, M. 79020
Hirai, T. *see* Yamagishi, T. 86717
Hirai, Y., Morimoto, K., Niwa, M., Yuki, K., Yasui, J. Fabrication of silicon quantum wires and dots 93251
Hirai, Y., Takahashi, N., Nakashima, K., Sukegawa, O., Kaneko, S. A high-aperture-ratio a-Si TFT liquid crystal light valve for workstations 63496
Hirai, Y. *see* Nanto, H. 63566
Hirai, Y. *see* Nanto, H. 72579
Hirai, Y. *see* Sumiyoshi, K. 87368
Hirai, Y. *see* Wookhyun Kim 84927
Hirai, Y. *see* Yasuda, M. 71439
Hirai Akira *see* Akira Hirai
Hiraide, K. *see* Oikawa, Y. 86695
Hiraide, Y. *see* Tsutsui, H. 97793
Hiraishi, A. *see* Akioka, T. 70538
Hiraishi, H., Nakae, T., Hamaguchi, K. Formal verification of single phase behavior of KUE-CHIP2 microprocessor 80362
Hiraiwa, A., Itoga, T. Scaling law in ULSI contamination control 56059
Hiraiwa, A., Uchida, N., Shimohara, K. EMG pattern recognition by neural networks for prosthetic fingers control 59412
Hirakata, K., Sato, S., Uchkoba, F., Kosaka, Y., Sawamura, K. Multilayer capacitors with copper inner electrodes 63100
Hirakawa, H., Murata, Y. Mechanism of contact charging of photoconductive layer for electrophotography with DC-biased conductive roller 82798
Hirakawa, K. *see* Agawa, K. 71117
Hirakawa, K. *see* Agawa, K. 93149
Hirakawa, K. *see* Dixit, A.D. 56070
Hirakawa, K. *see* Kawaji, S. 71159
Hirakawa, K. *see* Sakakibara, H. 93519
Hirakawa, M. *see* Mizukoshi, H. 85459
Hirakawa, N. *see* Matsuyama, S. 87767
Hiraki, A. An improvement of the Boshier-Nomura bound 54674
Hiraki, A. *see* Nakamura, H. 71429
Hiraki, A. *see* Yara, T. 79949
Hiraki, K. *see* Imai, M. 95268
Hiraki, M., Kojima, H., Misawa, H., Akazawa, T., Hatano, Y. Data-dependent logic swing internal bus architecture for ultra-low-power LSIs 70427
Hiraki, M. *see* Matsuura, T. 92423
Hiraki, M. *see* Nagano, T. 63036
Hiraki, Y. *see* Mita, M. 48681
Hirakoso, Y. *see* Suka, M. 86661
Hirama, Y. *see* Marinova, I. 61439
Hiramatsu, A. *see* Shimamoto, N. 65088
Hiramatsu, K. *see* Higuchi, H. 100494
Hiramatsu, K. *see* Kinoshita, N. 86155
Hiramatsu, K. *see* Nakayama, N. 93005
Hiramatsu, M. *see* Takada, N. 77613
Hiramatsu, M. *see* Yasui, T. 67273
Hiramatsu, S. *see* Kishiro, J. 66800
Hiramatsu, T. *see* Furukawa, S. 93855
Hiramatsu, Y. *see* Theiss, A.J. 92898
Hiramoto, K. *see* Miyata, K. 87768
Hiramoto, K. *see* Sagawa, M. 83052
Hiramoto, M. *see* Katsume, T. 58747
Hiramoto, T., Tamba, N., Yoshida, M., Hashimoto, T., Fujiwara, T., Watanabe, K., Odaka, M., Usami, M., Ikeda, T. A 27 GHz double polysilicon bipolar technology on bonded SOI with embedded 58 μm^2 CMOS memory cells for ECL-CMOS SRAM applications 61716
Hiramoto, T. *see* Iwabuchi, M. 50073
Hiramoto, T. *see* Tamba, N. 92241
Hiramoto, T. *see* Usami, M. 70567
Hiramoto, T. *see* Yoshida, M. 93680
Hirano, H. *see* Kagenishi, Y. 80323
Hirano, H. *see* Tanigawa, K. 61967
Hirano, I. *see* Aoshima, S. 94419
Hirano, J. *see* Ozawa, Y. 78450
Hirano, K., Kondo, S., Sugimura, T. A discrete variable form expression in the frequency domain deconvolution imaging method 51661
Hirano, K., Kondo, S., Sugimura, T. Freq. domain deconvolution imaging (FDDI) method for digital radiographic tomosynthesis system 53393
Hirano, K. *see* Hamada, H. 93367
Hirano, K. *see* Suyama, M. 82818
Hirano, K. *see* Suyama, M. 94271
Hirano, K. *see* Takahama, Y. 88336
Hirano, K. *see* Tomita, M. 61678
Hirano, K. *see* Tomita, M. 91791
Hirano, K. *see* Toyama, S. 66792
Hirano, M. Theoretical analysis of optical bistability of a Faraday medium 83288
Hirano, M., Aoyama, S., Yamasaki, K. Submicrometer gold interconnect wiring by sidewall electroplating technology 55827
Hirano, M. *see* Kikuchi, S. 48673
Hirano, M. *see* Kikuya, Y. 56363
Hirano, M. *see* Murata, K. 69913
Hirano, M. *see* Tokumitsu, M. 80855
Hirano, M. *see* Ushijima, S. 65506
Hirano, N. *see* Hiruta, Y. 93682
Hirano, R., Aoyagi, T., Miyazaki, Y., Goto, K., Minamihara, S., Masuda, K. A distributed-feedback laser and module for long-haul transmission at 2.5 Gbps 86361
Hirano, R. *see* Kohiro, K. 55696
Hirano, S. *see* Matsuzawa, H. 63330
Hirano, S. *see* Sakamoto, Y. 78790
Hirano, T., Furuhata, T., Fujita, H. Dry releasing of electroplated rotational and overhanging structures 60273
Hirano, T., Kimura, A., Mori, S. Silicon microprobing array for testing and burn-in 48684
Hirano, T., Kobayashi, D., Furuhata, T., Fujita, H. Electroplated and dry-released metallic microstructures for a lateral tunneling unit application 52813
Hirano, T. *see* Furuhata, T. 60269
Hirano, T. *see* Sato, K. 70160
Hirano, T. *see* Sato, K. 91631
Hirano, Y. *see* Nishi, T. 85668
Hirano, Y. *see* Yoshida, S. 58094
Hirao, M., Ogi, H., Fukuoka, H. Advanced ultrasonic method for measuring rail axial stresses with electromagnetic acoustic transducer 55004
Hirao, M. *see* Yamashita, S. 60586
Hirao, N. *see* Sugimori, K. 80083
Hirao, T., Komaki, K., Kanno, I., Shibuya, M., Kamada, T., Hayashi, S., Kitagawa, M., Torii, H., Nishitsuji, M., Takayama, R., Deguchi, T. Dielectric thin film technology 82107
Hirao, T. *see* Kohiki, S. 55572
Hirao, T. *see* Nishitsuji, M. 61951
Hirao, T. *see* Yokota, K. 62406
Hirao, T. *see* Yoshida, A. 93132
Hirao, Y. *see* Itano, A. 87686
Hirao, Y. *see* Kumada, M. 68748
Hirao, Y. *see* Murakami, T. 76296
Hirao, Y. *see* Okano, H. 71859
Hiraoka, J. *see* Kodato, S. 98337
Hiraoka, T., Kawashima, K., Hoshino, K., Bichsel, H. Energy loss of 70 MeV protons in tissue-substitute materials 67611
Hirasa, T. *see* Morimoto, S. 69046
Hirasa, T. *see* Morimoto, S. 90526
Hirasawa, H. *see* Uchiki, H. 61360
Hirasawa, H. *see* Uchiki, H. 70053
Hirasawa, K. *see* Uno, A. 58560
Hirasawa, N. *see* Ikata, O. 96878
Hirasawa, N. *see* Yamashita, M. 58248
Hirasawa, S., Watanabe, T., Takagaki, T., Uchino, T. Temperature distribution in semiconductor wafers heated in a hot-wall-type rapid diffusion furnace 93113
Hirasawa, S. *see* Aizaki, N. 61700
Hirasawa, S. *see* Hamada, T. 61733
Hirasawa, S. *see* Kaneko, T. 73695
Hirasawa, S. *see* Kohnosu, T. 83945
Hirasawa, S. *see* Nishijima, T. 64303
Hirase, J., Hori, T., Odake, Y. LATID (large-angle-tilt implanted drain) FETs with buried n^- profile for deep-submicron ULSIs 50027
Hirase, J. *see* Hori, T. 62817
Hirase, J. *see* Kotani, H. 92223
Hirase, J. *see* Kotani, H. 92236
Hirashima, K. *see* Saito, S. 82280
Hirashima, T. *see* Kohga, K. 66044
Hirashita, N. *see* Fujita, K. 81494
Hirashita, N. *see* Shigenobu, T. 50102
Hirashita, N. *see* Uchida, T. 71696
Hirasita, N. *see* Yoshimaru, M. 61395
Hirata, A., Uchida, T., Yoshikawa, M. Effects of electrodes arrangement of arc discharge plasma jet CVD apparatus on diamond films 79939
Hirata, H. *see* Rhee, B. 58006
Hirata, H. *see* Rhee, B. 62917
Hirata, K., Matsumoto, S. Simulation of beam-beam effects in electron-positron rings 87867
Hirata, K. *see* Asamaki, T. 79900
Hirata, K. *see* Hase, T. 91553
Hirata, K. *see* Tanabe, H. 79888
Hirata, K. *see* Yamamoto, N. 66979
Hirata, M. *see* Cho, T. 88031
Hirata, M. *see* Ikuno, Y. 61121
Hirata, M. *see* Sakamoto, Y. 78790
Hirata, S. *see* Ando, T. 92845
Hirata, S. *see* Sawada, H. 85943
Hirata, S. *see* Tomomura, Y. 72823
Hirata, T., Takahashi, R. H^∞ control of railroad vehicle active suspension 90587
Hirata, Y. *see* Hashimoto, M. 92387
Hirata Mitutoshi *see* Mitutoshi Hirata
Hiratani, T. *see* Yamaji, T. 63141
Hiratate, Y. *see* Shoji, T. 88268
Hiratate, Y. *see* Shoji, T. 98562
Hiratsuka, A. *see* Otaki, H. 88615
Hiratsuka, R. *see* Aigo, T. 62869
Hirayama, H. MC-simulations with EGS4/PRESTA for electromagnetic sampling calorimeters 59078
Hirayama, H., Asada, M. Hole capture rate of GaInAs/InP strained quantum-well lasers 94477
Hirayama, H. *see* Ichikawa, S. 61901
Hirayama, H. *see* Ito, F. 94650
Hirayama, H. *see* Umemoto, T. 61941
Hirayama, H. *see* Watanabe, K. 81556
Hirayama, K. *see* Alam, M.S. 51162
Hirayama, K. *see* Koshiba, M. 51188
Hirayama, M., Shindo, W., Ohmi, T. Impact of high-precision RF-plasma control on very-low-temperature silicon epitaxy 61240
Hirayama, M. *see* Sekimoto, Y. 67333
Hirayama, M. *see* Takahashi, T. 76760
Hirayama, T. *see* Jun Chen 94675
Hirayama, T. *see* Lai, G. 58950
Hirayama, Y. *see* Bever, T. 62178
Hirayama, Y. *see* Bever, T. 62876
Hirayama, Y. *see* Fujisawa, T. 50049
Hirayama, Y. *see* Tarucha, S. 71591
Hirayama, Z. *see* Fujimura, N. 52048
Hirayu, T. *see* Kubota, H. 94283
Hirech, M., Floret, O., Greiner, A., Rejouan, E. A redefinable symbolic simulation technique for testability design rules checking 49339
Hirning, C.R. *see* Horowitz, Y.S. 59425
Hiro, I. Node-to-area connectivity of graphs 69739
Hirobe, K. *see* Qianren Zhang 78755
Hiroe, A. *see* Fujita, S. 50280
Hirofuji, Y. *see* Fujii, T. 63009
Hirofuji, Y. *see* Shimizu, N. 63018
Hirofuji, Y. *see* Takii, Y. 48658
Hirohku, T. *see* Matsuzaki, H. 51426
Hiroi, A., Kamata, H., Ishida, Y. Linear phase IIR Hilbert transformers using time reversal techniques 64566
Hiroi, M., Tatsumi, T. Temperature dependence of etching with molecular fluorine on Si(111) surface 55816
Hirokado, Y. *see* Sakai, Y. 50348
Hirokawa, J., Wettergren, J., Kildal, P.-S., Ando, M., Goto, N. Calculation of external aperture admittance and radiation pattern of a narrow slot cut across an edge of a sectoral cylinder in terms of a spectrum of two-dimensional solutions 94962
Hirokawa, T. *see* Ichikawa, S. 61901
Hirokawa, T. *see* Mizuno, H. 73879
Hiroki, A. *see* Hori, A. 62836
Hiromori, T. *see* Saito, S. 90219
Hiromoto, N. *see* Maeno, T. 98120
Hiromoto, N. *see* Sugimoto, N. 67826
Hirono, S., Tanimoto, M., Inoue, N. Atomically controlled growth of GaAs/NiAl/GaAs structures by molecular-beam epitaxy 54859
Hirono, T., Yoshikuni, Y. A Hamiltonian formulation for coupled-wave equations 83196
Hirono, T. *see* Fukuda, M. 83056
Hirono, T. *see* Kurosaki, T. 83090
Hirooka, T. *see* Kimura, H. 70772
Hirosaki, T., Akaboshi, J. Trends in Japanese and international standardization organizations 96340
Hirosawa, S. *see* Kanekiyo, H. 50211
Hirosawa, S. *see* Kanekiyo, H. 72040
Hirosawa, S. *see* Uehara, M. 50183
Hirose, F., Takagi, M., Mori, H., Imura, T. Characteristics of an amorphous magnetic alloy layer prepared by laser quenching, and its application to a torque sensor 61412
Hirose, F. *see* Iwashita, H. 92302
Hirose, H. Applications of mathematical analysis at Takaoka Electric 100051
Hirose, H. Reliability analysis for electrical power apparatuses 100052
Hirose, H. *see* Imaizumi, S. 51381
Hirose, H. *see* Kazekami, Y. 97214
Hirose, H. *see* Takeuchi, S. 100597
Hirose, H. *see* Tanisawa, S. 88895
Hirose, K. *see* Arakawa, F. 70667
Hirose, K. *see* Ikeda, Y. 61397
Hirose, K. *see* Isogai, E. 54664
Hirose, K. *see* Kawai, H. 95279
Hirose, K. *see* Miura, Y. 81349
Hirose, K. *see* Morinaga, K. 97430
Hirose, K. *see* Niyazaki, S. 81365
Hirose, K. *see* Ohno, S. 84095
Hirose, K. *see* Ohno, S. 95358
Hirose, M., Hiroshima, M., Yasaka, T., Miyazaki, S. Characterization of silicon surface microroughness and tunneling transport through ultrathin gate oxide 93221
Hirose, M., Miyake, M. A new structure of antenna system in a handset enhancing antenna gain by passive loading. The case for $\lambda/4$ monopole antenna 83817
Hirose, M., Wakita, M., Goshima, H., Hayakawa, N., Hikita, M., Uchida, K., Okubo, H. Dynamic characteristics of liquid helium breakdown induced by quench phenomena of AC superconducting wire 63288
Hirose, M. *see* Deki, H. 100596
Hirose, M. *see* Koyanagi, M. 56585
Hirose, M. *see* Murata, M. 93758
Hirose, M. *see* Ogata, S. 89269
Hirose, M. *see* Okamoto, K. 55842
Hirose, M. *see* Saito, Y. 81985
Hirose, M. *see* Suma, K. 92221
Hirose, M. *see* Suma, K. 92238

Hirose, M. *see* Tsukude, M. 70534
Hirose, M. *see* Yokoyama, S. 55810
Hirose, S. New method for measuring mechanical vibration loss and dielectric loss of piezoelectric transducer under high-power excitation 71887
Hirose, S., Yamayoshi, Y., Ono, H. A small non-contact ultrasonic motor 100177
Hirose, S. *see* Kano, N. 70048
Hirose, S. *see* Takagi, N. 61644
Hirose, S. *see* Yamayoshi, Y. 71907
Hirose, T. *see* Ishigaki, Y. 71826
Hirose, T. *see* Wakuta, Y. 53270
Hirose, T. *see* Wang, H. 86083
Hirose, Y. *see* Hirabayashi, K. 91415
Hirose, Y. *see* Matsumae, Y. 55888
Hiroshi, M. *see* Keiji, T. 77740
Hiroshi Kuwano *see* Kwang Il Kim 81433
Hiroshima, M. *see* Hirose, M. 93221
Hirosky, R.J. *see* Blazey, G.C. 67336
Hirosoho, A. *see* Gingrich, D. 53291
Hirota, J. *see* Izuta, G. 92852
Hirota, J. *see* Murakami, K. 79309
Hirota, K., Nakamura, K. Equivalent circuit of interdigital transducers based on coupling-of-modes theory considering electrode resistivity and propagation loss 77746
Hirota, K. *see* Nakamura, I. 99325
Hirota, M. *see* Fuse, M. 81873
Hirota, O. *see* Osaki, M. 83884
Hirota, T., Imai, A., Kumano, T., Ichihara, M., Sakai, Y., Inoue, K., Maeda, H. Development of Cu-Ag alloys conductor for high field magnet 83539
Hirowatari, K. *see* Ikuta, K. 55500
Hiroyasu Otubo *see* Hitoaki Owashi 86771
Hirsch, A. *see* Hauger, A. 55872
Hirsch, B. *see* Masters, E.G. 65969
Hirsch, E. *see* Dagen, A.J. 52260
Hirsch, H.-G. *see* Doring, W.H. 98958
Hirsch, H.-G. *see* Hermansky, H. 73851
Hirsch, H.L. *see* Metz, R.F. 57215
Hirsch, J. *see* Abel, T. 72370
Hirsch, J. *see* Matsuura, Y. 94132
Hirsch, J. *see* Sullivan, M. 60914
Hirsch, M. *see* Hartfuss, H.J. 76173
Hirschberg, D.S., Stauffer, L.M. Parsing algorithms for dictionary compression on the PRAM 57888
Hirschenhofer, J.H. Fuel cell status, 1994 100440
Hirsekorn, S., Pangraz, S., Bernauer, W., Weides, G., Arnold, W. Materials characterisation and nondestructive testing by acoustic imaging techniques 77756
Hirshfield, J.L. *see* Armstrong, C.M. 75607
Hirshfield, J.L. *see* Hafizi, B. 76629
Hirshfield, J.L. *see* Park, G.S. 62102
Hirst, E. What constitutes a good integrated resource plan? 59870
Hirst, E., Blank, E. Solutions to regulatory disincentives for utility DSM programmes 59868
Hirst, E., Kaye, P.H., Guppy, J.R. Light scattering from nonspherical airborne particles: experimental and theoretical comparisons 99304
Hirst, G.J. *see* Key, M.H. 50731
Hirst, G.J. *see* Lister, J.M.D. 63668
Hirst, G.J. *see* Ross, I.N. 63669
Hirt, D. *see* Sherman, R. 93222
Hirtz, J.P. *see* Ng, G.I. 55925
Hirtz, J.P. *see* Ng, G.I. 93329
Hirukawa, S. *see* Matsumoto, K. 71521
Hiruma, K., Murakoshi, H., Yazawa, M., Ogawa, K., Fukuhara, S., Shirai, M., Katsuyama, T. Growth and characterization of nanometer-scale GaAs, AlGaAs and GaAs/InAs wires 91541
Hiruma, T. *see* Igari, S. 94265
Hiruma, T. *see* Takahisa, K. 100601
Hiruma, Y. *see* Kurino, H. 62857
Hirumi, A., Savenye, W., Allen, B. Designing interactive videodisc-based museum exhibits: a case study 75753
Hiruta, Y., Hirano, N., Itoh, K., Yamaji, Y., Kato, K., Motoyama, Y., Ohno, J., Homma, R., Kojima, S., Sudo, T. An 820 pin PGA for ultra large-scale BiCMOS devices 93682
Hiruta, Y. *see* Ikumi, N. 92283
Hiruta, Y. *see* Sawada, K. 60964
Hirzel, J.C. Impact of rewinding on motor efficiency 78573
Hisada, I. *see* Bisaka, Y. 96747
Hisaki, T. *see* Yamauchi, N. 93375
Hisaki, Y., Tokuda, M. Wave measurement by HF ocean radar 77496
Hisaki, Y. *see* Ohno, Y. 77456
Hisako, A. *see* Matsuo, H. 100927
Hisamatsu, T., Washio, H., Katsu, T., Tonomura, Y., Saga, T., Matsutani, T., Suzuki, A., Yamamoto, Y., Matsuda, S. Electrical properties of thin silicon space solar cells 100452
Hisamatsu, T. *see* Washio, H. 99102
Hisamori, Y., Ogata, Y., Kurachi, M., Taniguchi, M., Kohashi, M. Multilayer aluminum-plate heat exchangers for distribution controllers 79023
Hisamoto, D., Nakamura, K., Saito, M., Kobayashi, N., Kimura, S., Nagai, R., Nishida, T., Takeda, E. Metallized ultra-shallow-junction device technology for sub-0.1 μm gate MOSFET's 55988
Hisamoto, D., Nakamura, K., Saito, M., Kobayashi, N., Kimura, S., Nagai, R., Nishida, T., Takeda, E. Ultra-thin SOI CMOS with selective CVD tungsten for low-resistance source and drain 62844
Hisamune, Y. *see* Takeshima, T. 61701
Hisamune, Y. *see* Takeshima, T. 92226
Hisamune, Y.S., Kanamori, K., Kubota, T., Suzuki, Y., Tsukiji, M., Hasegawa, E., Ishitani, A., Okazawa, T. A high capacitive-coupling ratio (HiCR) cell for 3 V-only 64 Mbit and future flash memories 92186
Hisamune, Y.S. *see* Kanamori, K. 92205
Hisamune, Y.S. *see* Oyama, K. 61728
Hisanaga, M., Koumura, T., Hattori, T. Fabrication of 3-dimensionally shaped Si diaphragm dynamic focusing mirror 56503
Hisaoka, Y. *see* Shono, K. 54272
Hisatake, K., Matsubara, I., Maeda, K., Kawai, Y., Lyakhimets, S.N. Photoinduced disaccommodation in oxygen deficient yttrium iron garnet 72076
Hisatake, K., Matsubara, I., Maeda, K., Lyakhimets, S.N. Reversible and irreversible relaxation of magnetic permeability in photoexcited yttrium iron garnet 63195
Hisatake, K. *see* Shibata, S. 98487
Hisatomi, K. *see* Mori, S. 70518
Hisayama, N. *see* Morita, O. 63238
Hisconmez, B. *see* Devaney, A.J. 58473
Hisham Morshed, A., Irvine-Halliday, D. Intensity-modulated optical-fibre vortex-shedding flowmeter 66761
Hishikawa, Y., Isomura, M., Okamoto, S., Hashimoto, H., Tsuda, S. Effects of the i-layer properties and impurity on the performance of a-Si solar cells 100581
Hishikawa, Y., Okamoto, S. Dependence of the I-V characteristics of amorphous silicon solar cells on illumination intensity and temperature 78823
Hishikawa, Y., Sasaki, M., Tsuge, S., Tsuda, S. Effect of heating SiH_4 on the plasma chemical vapor deposition of hydrogenated amorphous silicon 79943
Hishikawa, Y. *see* Maruyama, E. 100528
Hishikawa, Y. *see* Okamoto, S. 55749
Hishikawa, Y. *see* Sasaki, M. 100603
Hishita, S., Haneda, H., Suehara, S. Chemical states of implanted ions in an oxide crystal 71300
Hisiger, R.S. *see* Weerrahandi, S. 85389
Hiskens, I.A. *see* Hill, D.J. 77814
Hiskens, I.A. *see* Hill, D.J. 77887
Hiskens, I.A. *see* Hill, D.J. 89036
Hiskes, J.R. Optimum extracted H^- and D^- current densities from gas-pressure-limited high-power hydrogen/deuterium tandem ion sources 53199
Hislop, D.W. *see* Luo, R.C. 95823
Hisup Park, Cutkosky, M.R., Conru, A.B., Soo-Hong Lee An agent-based approach to concurrent cable harness design 54452
Hitachi, A. *see* Chen, M. 67340
Hitachi, A. *see* Ishida, N. 67339
Hitchcock, C., Borrego, J.M. Analysis of emitter photocurrent collection efficiency in short emitter solar cells 100675
Hitchins, D.K. World class systems engineering 48650
Hitchon, W.N.G. *see* Kramer, K.M. 62656
Hite, D. *see* Brown, D. 89096
Hite, L. *see* Hsindao Lu 92233
Hiti, S., Boroyevich, D. Control of front-end three-phase boost rectifier 68838
Hiti, S., Boroyevich, D. Control of boost converter with adjustable output voltage and unknown resistive load 100279
Hiti, S., Vlatkovic, V., Borojevic, D., Lee, F.C.Y. A new control algorithm for three-phase PWM buck rectifier with input displacement factor compensation 60323
Hitoaki Owashi, Koichi Ono, Hiroyasu Otubo Color-flicker suppression in a field memory system for a broadband VCR 86771
Hitosi, M. Adaptive reduced-state sequence estimation for linearly and nonlinearly distorted signals in magnetic recording channels 50352
Hitova, L., Lenchev, A., Trifonova, E.P., Apostolova, M. On the kinetics of GaAs chemical transport and epitaxy in the system GaAs-I_2 91507
Hitt, E.F. Flight assessment of three flat-panel display technologies 77144
Hitti, B. *see* Kreitzman, S.R. 76852
Hitti, B. *see* Paciotti, M.A. 76401
Hitz, D. *see* Melin, G. 53148
Hitz, D. *see* Melin, G. 76747
Hitz, M., Werthner, H. Development and analysis of a wide area multimedia information system 52197
Hiue, H. *see* Mito, T. 89302
Hiue, H. *see* Nishi, M. 72260
Hiura, Y. *see* Atsumi, S. 49426
Hiura, Y. *see* Mori, S. 70518
Hiura, Y. *see* Umezawa, A. 70562
Hiura, Y. *see* Yamada, S. 92187
Hiura, Y. *see* Yoshikawa, K. 61725
Hivert, B., Hoummady, M., Henrioud, J.M., Hauden, D. Feasibility of surface acoustic wave (SAW) sensor array processing with formal neural networks 66562
Hiwa, N. *see* Kobayashi, K. 78969
Hiwasa, N. *see* Algazi, V.R. 95950
Hiwatashi, K. *see* Kosuge, Y. 99121
Hixson, E.L. *see* Post, J.T. 97725
Hixson, J. Design systems [PCB design] 80988
Hixson, J. Design inputs [PCB] 80989
Hiyama, T. Robustness of fuzzy logic power system stabilizers applied to multimachine power system 89149
Hiyama, T., Kouzuma, S. Application of neural network to prediction of maximum power from PV modules 60469
Hiyama, T., Kugimiya, M., Satoh, H. Advanced PID type fuzzy logic power system stabilizer 89153
Hiyama, T. *see* Hamada, K. 93981
Hiyama, T. *see* Isono, T. 82466
Hiyama, T. *see* Nakajima, H. 72261
Hiyama, T. *see* Takahashi, Y. 72219
Hiyamizu, S., Shimomura, S., Wakejima, A., Kaneko, S., Adachi, A., Okamoto, Y., Sano, N., Murase, K. Extremely high uniformity of interfaces in GaAs/AlGaAs quantum wells grown on (411)A GaAs substrates by molecular beam epitaxy 55595
Hiyamizu, S. *see* Wakejima, A. 54847
Hjalmarson, H.P. *see* Loubriel, G.M. 63577
Hjalmarson, H.P. *see* Zolper, J.C. 71727
Hjalmarsson, G. Baltic Cable sets world records for length and capacity 78125
Hjelkrem, A.V.C., Boe, O.G.J. Box-Jenkins method [telecommunications theory] 85204
Hjelkrem, A.V.C., Boe, O.G.J. Prognosis for subscriber demand 85385
Hjelkrem, A.V.C., Johannes Boe, O.G. Foundation for prognosis of telephone subscription: data and analysis 85567
Hjelkrem, C. *see* Stordahl, A.V.K. 85383
Hjelkrem, O.G.C. *see* Boe, A.V.J. 84216
Hjelkrem, O.G.C. *see* Boe, A.V.J. 84217
Hjelkrem, O.G.C. *see* Boe, A.V.J. 85384
Hjelkrem, O.G.C. *see* Boe, A.V.J. 85386
Hjelkrem, O.G.C. *see* Boe, A.V.J. 85860
Hjelme, D.R. *see* Biernacki, P. 82876
Hjelme, D.R. *see* Biernacki, P. 98250
Hjelmgren, H., Ting-Wei Tang Thermionic emission in a hydrodynamic model for heterojunction structures 62242
Hjern, M. Standardisation in wireless networks 52312
Hjertberg, T. *see* Berggren, M. 82842
Hjertberg, T. *see* Berggren, M. 94296
Hjort, E.L. *see* Osborne, J.H. 59212
Hjort, K., Soderkvist, J., Schweitz, J.-A. Gallium arsenide as a mechanical material 52807
Hjort, K. *see* Soderkvist, J. 50127
Hjortendal, R. *see* Hallberg, O. 61049
Hjorth, S. *see* Bodin, P. 94032
Hlasnik, I., Fukui, S., Amemiya, N., Tsukamoto, O., Ikeda, N., Kumano, T., Suzuki, E., Polak, M., Kokavec, J., Krempasky, L., Kottman, P. Peculiarities in electromagnetic behavior of MF NbTi composites for AC use 82310
Hlasnik, I. *see* Amemiya, N. 82316
Hlasnik, I. *see* Fukui, S. 82329
Hlava, G.R., Hoberg, W.A., Pingel, T.C. An integrated TQM approach for a switching systems equipment supplier AT&T's United States Customer Business Unit 69617
Hlava, P.F. *see* Vianco, P.T. 79300
Hlavac, V. *see* Pajdla, T. 95691
Hlavay, J., Haemmerli, S.D., Guilbault, G.G. Fibre-optic biosensor for hypoxanthine and xanthine based on a chemiluminescence reaction 87308
Hlavicka, R. Finite element solution of a hyperbolic-parabolic problem 91397
Hlavka, J. *see* Besse, I. 76775
Hlawatsch, F., Costa, A.H., Krattenthaler, W. Time-frequency signal synthesis with time-frequency extrapolation and don't-care regions 84372
Hlawatsch, F., Papandreou, A., Boudreaux-Bartels, G.F. Regularity and unitarity of affine and hyperbolic time-frequency representations 84260
Hlawatsch, F., Papandreou, A., Boudreaux-Bartels, G.F. The power classes of quadratic time-frequency representations: a generalization of the affine and hyperbolic classes 95611
Hlidek, P. *see* Hoschl, P. 61236
Hlinomaz, P., Klima, O., Hospodkova, A., Hulicius, E., Oswald, J., Sipek, E., Kocka, J. Photoelectric properties of self-supporting porous silicon 62143
Hlohowskyj, I. *see* Snider, M.A. 67790
Hlubina, P. Spectral and dispersion analysis of laser sources and multimode fibres via the statistics of the intensity pattern 56361
Hluchyj, M.G. *see* Humblet, P.A. 64927
Hluchyj, M.G. *see* Lee, W.C. 65187
Hluchyj, M.G. *see* Nanying Yin 96139
Hluchyj, M.G. *see* Yin, N. 64943
Hlupic, V., Paul, R.J. Simulation modeling of an automated system for electrostatic powder coating 69543
Hlustick, R. *see* Bantly, J. 88241
Hlustick, R. *see* Bantly, J. 98590
Hlynka, M., Stanford, D.A., Poon, W.H., Wang, T. Observing queues before joining 69683

Hlynsky, Ya., Panchyshyn, Yu. Efficient implementation of a 2nd derivative method for stiff ODEs 79718
Hmelo, A.B. *see* Grugel, R.N. 70106
Hmurcik, L.V., Luu Pham, Wen Shu Designing a bi-directional logic translator 70418
Hnaeefa, V.P., Saimanohara, A., Prabhu, K.M.M. Some results on AMTD schemes based on AR map method 75602
Hnatiuc, E., Beraboi, A., Adam, M. About the voltage-current characteristic of the non-linear serial resistances used for interrupting direct current electric circuits 90237
Hnatiuc, E. *see* Baraboi, A. 82135
Hnyk, R. SMDS over ATM for the wide area 96627
Hnyk, R., Neef, B. The first step towards "cell based switching" IEEE 802.6 MANs 58169
Hnyk, R. *see* Dorey, R. 85651
Ho, A.Y., Kuo, S.P., Lee, M.C. Analysis of electromagnetic wave scattering within a two dimensional plasma density irregularity in the ionosphere 83658
Ho, A.Y., Kuo, S.P., Lee, M.C. Analysis of electromagnetic wave scattering by ionospheric irregularities 95414
Ho, A.Yuk-Kwan *see* Yuk-Kwan Ho, A.
Ho, B. *see* Pham, D. 92287
Ho, B.K.T. *see* Min-Jen Tsai 98831
Ho, C. *see* Gai, W. 72996
Ho, C. *see* Schoessow, P. 76330
Ho, C. *see* Schoessow, P. 76364
Ho, C.-M. *see* Liu, J. 55786
Ho, C.M., Lee, W.K., Hung, Y.S. Signature representation of underground cables and its applications to cable fault diagnosis 60022
Ho, C.M.P., Rappaport, T.S. Wireless channel prediction in a modern office building using an image-based ray tracing method 97107
Ho, C.M.P., Rappaport, T.S., Koushik, M.P. Antenna effects on indoor obstructed wireless channels and a deterministic image-based wideband propagation model for in-building personal communication systems 65635
Ho, C.S., Liou, J.J. Design and simulation of an adaptive resonance theory (ART) neural network using compensated operational amplifiers 80539
Ho, C.S., Liou, J.J., Georgiopoulos, M. Mixed analog/digital VLSI implementation of ART1 memories 92441
Ho, E. *see* Lu, K. 54856
Ho, E. *see* Lu, K. 61281
Ho, F., Hou, A.S., Bloom, D.M. High-speed integrated circuit probing using a scanning force microscope sampler 50087
Ho, G., Kawanaka, A., Nakayama, N., Takagi, M. Migration processing with LOT for subsurface radar image 67899
Ho, G., Kawanaka, A., Takagi, M. Frequency domain migration for subsurface radar considering variations in propagation velocity 97423
Ho, G. *see* Urabe, T. 58577
Ho, H. *see* Foty, D. 62680
Ho, H.C. *see* So, H.C. 74055
Ho, H.K. *see* Wong, A.C.B. 53940
Ho, H.K. *see* Wong, A.C.B. 60092
Ho, I.H. *see* Su, L.C. 61274
Ho, I.H. *see* Su, L.C. 70032
Ho, I.H. *see* Su, L.C. 91428
Ho, J. *see* Lee, T.H. 92231
Ho, J.-M., Shiu, M.T. Optical fiber temperature sensor based on phase shift by aluminum thermal expansion 66396
Ho, J.M., Chen, S.G. A study of polarimetric fiber-optic interferometric temperature sensor 66398
Ho, J.M., Chen, S.G. A study of polarimetric fiber-optic interferometric temperature sensor 87270
Ho, J.M., Wu, C.C. A switching DC-DC converter with wide conversion range without extreme duty ratios 100240
Ho, K. *see* Kusters, J. 86919
Ho, K.-P. *see* Tong, F. 97291
Ho, K.C., Vrudhula, S.B.K. Interval graph algorithms for two-dimensional multiple folding of array-based VLSI layouts 80274
Ho, K.C. *see* Chan, Y.T. 74184
Ho, K.C. *see* Poon, T.-C. 58654
Ho, K.C. *see* Ting-Chung Poon 74458
Ho, K.M. *see* Ozbay, E. 81522
Ho, K.Z. *see* Shye Lin Wu 49866
Ho, L.K., Ng, T.S. Low bit rate image coding technique using human visual system model and homomorphic processing 85193
Ho, M.H. *see* Moses, W.W. 88415
Ho, P. A theoretical comparison of pilot symbol assisted and multiple symbol differential PSK modulations 95077
Ho, P., Perkowski, M.A. Free Kronecker decision diagrams and their application to Atmel 6000 FPGA mapping 91998
Ho, P. *see* Clarke, A.P. 62542
Ho, P. *see* Hwang, K.C. 55399
Ho, P. *see* Hwang, K.C. 55415
Ho, P. *see* Liu, F. 75193
Ho, P. *see* Smith, P.M. 80839
Ho, P.-T. *see* Cho, P.S. 72566
Ho, P.L. *see* Carpenter, D.A. 98786
Ho, P.P. *see* Wang, Q.Z. 72329
Ho, P.P. *see* Wang, Q.Z. 94111
Ho, P.S., Yeo, I.-S., Anderson, S.G.H., Hu, C.K. Thermal stress and plastic deformation of Al fine line structures: effects of oxide confinement and line geometry 62539
Ho, P.S. *see* Poon, T.W. 91647
Ho, S., Moriyoshi, A., Ohbu, I., Kagaya, O., Mizuta, H., Yamaguchi, K. Theoretical analysis of transconductance enhancement caused by electron-concentration-dependent screening in heavily doped systems 49757
Ho, S., Oohira, M., Kagaya, O., Moriyoshi, A., Mizuta, H., Yamaguchi, K. Dynamic simulation of multiple trapping processes and anomalous frequency dependence in GaAs MESFETs 50037
Ho, S. *see* Knight, U.G. 60014
Ho, S.C.Y. *see* Fung, C.C. 100037
Ho, T.-Y. *see* Lee, W.-J. 68530
Ho, T.C., Chen, S., Tadayon, S., Pande, K., Rice, P., Ghahremani, M. A high-performance W-band integrated source module using GaAs monolithic circuits 80735
Ho, T.C., Seng-Woon Chen, Pande, K., Rice, P.D. A W-band integrated power module using MMIC MESFET power amplifiers and varactor doublers 49657
Ho, T.C. *see* Seng-Woon Chen 49660
Ho, T.F. *see* Wong, E.M.C. 98760
Ho, T.Q., Hart, S.M. A novel uniplanar microstrip to slot-line transition 92503
Ho, W.C., Pong, M.H. Power loss and efficiency analysis of quasi-resonant converters 80137
Ho, W.J. *see* Martin, M.Z. 93330
Ho, W.W. *see* Birch, J.R. 76149
Ho, Y.-K. *see* Yang, W.-P. 61459
Ho, Y.-W. *see* Pham, D. 92287
Ho, Y.L., Grossmann, W., Drobot, A., Carter, M.D., Ryan, P.M., Batchelor, D.B. Self-consistent 3-D ICRH antenna modeling with plasma 51232
Ho Ahn Sang *see* Sang Ho Ahn
Ho Bae Young *see* Young Ho Bae
Ho Bin Im *see* Jin Won Park 62407
Ho Bin Im *see* Jung Woo Park 62225
Ho Chia-Lu *see* Chia-Lu Ho
Ho Chien-Hsun *see* Chien-Hsun Ho
Ho Ching-Tien *see* Ching-Tien Ho
Ho Cho Dong *see* Dong Ho Cho
Ho Cho Young *see* Young Ho Cho
Ho Choh Sung *see* Sung Ho Choh
Ho Choi Byung *see* Byung Ho Choi
Ho Choi Jong *see* Jong Ho Choi
Ho Chung Lui *see* Horng Jyh Wu 95297
Ho Ha Deock *see* Deock Ho Ha
Ho Ha Yeong *see* Yeong Ho Ha
Ho Hong Seung *see* Seung Ho Hong
Ho Hyung Suh *see* Chong Hoon Kwak 82543
Ho In-Chyuan *see* In-Chyuan Ho
Ho Jin-Maun *see* Jin-Maun Ho
Ho Jung Hwang *see* Hwa Sik Park 71310
Ho Kim Geon *see* Geon Ho Kim
Ho Kim Jae *see* Jae Ho Kim
Ho Kim Jeong *see* Jeong Ho Kim
Ho Kim Kwang *see* Kwang Ho Kim
Ho Kim Kyung *see* Kyung Ho Kim
Ho Kim Seok *see* Seok Ho Kim
Ho Kin Shing *see* Kin Shing Ho
Ho Ko Jung *see* Jung Ho Ko
Ho Kuo-Chuan *see* Kuo-Chuan Ho
Ho Kwon Young *see* Young Ho Kwon
Ho Lee Chong *see* Chong Ho Lee
Ho Lee Hyeong *see* Hyeong Ho Lee
Ho Lee Jae *see* Jae Ho Lee
Ho Lee Moon *see* Moon Ho Lee
Ho Lee Myoung *see* Myoung Ho Lee
Ho Lee Seung *see* Seung Ho Lee
Ho Lee Yong *see* Yong Ho Lee
Ho Lee Young *see* Young Ho Lee
Ho Lien Tse *see* Lien Tse Ho
Ho Lien-Hsun *see* Lien-Hsun Ho
Ho Min-Hua *see* Min-Hua Ho
Ho Mow Wai *see* Wai Ho Mow
Ho Park Hyung *see* Hyung Ho Park
Ho Park Kyu *see* Kyu Ho Park
Ho Park Kyu *see* Park Kyu Ho
Ho Park Kyung *see* Kyung Ho Park
Ho Pin *see* Pin Ho
Ho Quoc Anh *see* Anh Ho Quoc
Ho Seng-Tiong *see* Seng-Tiong Ho
Ho Seo Jin *see* Jin Ho Seo
Ho Seong Lee, Sang Eon Park, Sung Hoon Yang Frequency stabilization of a diode laser using the Zeeman shift of saturated absorption spectra of the ^{87}Rb atom 83099
Ho Shin Jae *see* Jae Ho Shin
Ho Shinn-Ying *see* Shinn-Ying Ho
Ho Song Kwan *see* Kwan Ho Song
Ho Suhng Suh *see* Tai Hyun Yoon 83100
Ho Sung Kim *see* Kim Ho Sung
Ho Tung-Yang *see* Tung-Yang Ho
Ho Woei-Yun *see* Woei-Yun Ho
Ho Won Dong *see* Dong Ho Won
Ho Wu Jing *see* Wu Jing Ho
Ho Yoon Byeong *see* Byeong Ho Yoon
Ho Yoon Chong *see* Chong Ho Yoon
Ho Youl Jung *see* Jae Hoon Ahn 74811
Ho Yueh-Se *see* Yueh-Se Ho
Ho-Chao Huang, Ja-Ling Wu Real-time software-based moving picture coding (SBMPC) system 64835
Ho-Chao Huang, Jau-Hsiung Huang, Ja-Ling Wu Real-time software-based video coder for multimedia communication systems 64612
Ho-cheol Lee *see* Yunho Choi 49427
Ho-Cheol Lee *see* Yunho Choi 70553
Ho-Chung Huang *see* Ponchak, G.E. 80810
Ho-Gi Kim Preparation of ferroelectric thin films for Si-based devices 82152
Ho-gi Kim *see* Kang Bai 61415
Ho-Keun Song *see* Kwang-Hyun Park 71835
Ho-Kyu Kang *see* Cho, J.S.H. 62531
Ho-Kyu Kang *see* Cho, J.S.H. 93256
Ho-Seok Lee, Taeck-Kie Lee, Soon-Bong Cho, Dong-Seok Hyun Speed control of induction motor using fuzzy algorithm with hierarchical structure 100826
Ho-Seok Oh *see* Dong Jim Yeom 76183
Ho-Sung Cho, Yun-Ho Park, Sang-Ku Hwang, Tchang-Hee Hong, Jong-Hwan Oh, Byeong-Deok Yea Liquid phase epitaxy of InGaAsP/GaAs by double two-phase solution technique 70005
Ho-Sung Cho *see* Jin-Hee Lee 72845
Ho-Tsen Lee *see* Bin-Juine Huang 68490
Ho-Young Kang, Cheol-Hong Kim, Joong-Hyun Lee, Woo-Sung Han, Young-Bum Koh High performance lithography with advanced modified illumination 49935
Ho-Young Kang *see* Chang-Jin Sohn 71483
Ho-Young Kang *see* Woo-Sung Han 71467
Hoa, D.Hui Bon *see* Hui Bon Hoa, D.
Hoad, J. *see* Boardman, A.D. 50538
Hoadley, F.L. AC drive operation during power failures 60545
Hoag, H. *see* Caryotakis, G. 67156
Hoag, H. *see* Ruth, R.D. 66791
Hoag, H.A., Deruyter, H., Pearson, C., Ruth, R.D., Wang, J.W., Schaefer, J. Accelerator structure development for NLC 67100
Hoag, H.A., Tantawi, S.G., Callin, R., Deruyter, H., Farkas, Z.D., Ko, K., Kroll, N., Lavine, T.L., Menegat, A., Vlieks, A.E. Flower-petal mode converter for NLC 66816
Hoag, H.A. *see* Vlieks, A.E. 67011
Hoag Tang Restoration of noisy images by the adaptive average differential iterative and the improved median filters 74434
Hoan Nguyen Cong *see* Ullrich, B. 63996
Hoang, D.T., Long, P.M., Vitter, J.S. Explicit bit minimization for motion-compensated video coding 57892
Hoang Gia Ky, Bruzek, C.E., Sulten, P., Mougenot, P., Peltier, F., Grunblatt, G. Development of Nb_3Sn superconducting wire for fusion applications 82461
Hoang Le-Huy Microprocessors and digital ICs for motion control 90489
Hoang Le-Huy, Slimani, K., Viarouge, P. Analysis and implementation of a real-time predictive current controller for permanent-magnet synchronous servo drives 54167
Hoang Le-Huy, Soumagne, J.-C. Digital real-time simulation of transmission lines using parallel processors 88956
Hoard, M.A. *see* Weaver, T.L. 88681
Hoare, F., de Jager, G. Model based segmentation of medical X-ray images 67477
Hoay-Beng Gooi *see* Gooi Hoay-Beng
Hoban, P.W., Heydarian, M., Beckham, W.A., Beddoe, A.H. Dose rate dependence of a PTW diamond detector in the dosimetry of a 6 MV photon beam 77096
Hobart, K. *see* Thompson, P.E. 61247
Hobart, K.D. *see* Godbey, D.J. 70030
Hobaugh, M.D. *see* Maly, W. 55206
Hobbs, A. *see* Kimata, M. 54860
Hobbs, B.F., Honious, J.C., Bluestein, J. Estimating the flexibility of utility resource plans: an application to natural gas cofiring for SO_2 control 59763
Hobbs, B.F., Wilson, A.F. Most value planning: estimating the net benefits of electric utility resource plans 77900
Hobbs, B.F. *see* Huang, W. 60079
Hobbs, S.L. *see* Allen, J.C. 97470
Hobbs, W.J. *see* Vickers, V.L. 89010
Hobby, J.D. *see* Grosse, E. 69801
Hobday, G.E. DFA and the enterprise: an interdependent paradigm 79255
Hobel, M., Ricka, J. Dead-time and afterpulsing correction in multiphoton timing with nonideal detectors 75971
Hobel, M., Wuthrich, M., Ricka, J., Binkert, T. A fast multi-time-interval analyzer with real-time processing capability 66162
Hoberg, P. Electronic tuners enhance network-analyzer calibration 66662
Hoberg, W.A. *see* Connolly, K. 96292
Hoberg, W.A. *see* Hlava, G.R. 69617
Hobish, M.K., Ardanuy, P.E., Salomonson, V.V. Surface imaging technologies for NASA's Earth observing system 99166
Hobler, G. *see* Cerva, H. 81200
Hobson, C.A. *see* Kshirsagar, S.P. 66158
Hobson, C.A. *see* Pearson, J.D. 69610
Hobson, C.A. *see* Search, D.J. 69601

Hobson, E., Allen, G.N. Effectiveness of artificial neural networks for first swing stability determination of practical systems 77962
Hobson, G.S. *see* Roe, H. 96120
Hobson, L. *see* Petkov, R. 100961
Hobson, W.S. *see* Abernathy, C.R. 93137
Hobson, W.S. *see* Bylsma, R.B. 72804
Hobson, W.S. *see* Pearton, S.J. 55788
Hobson, W.S. *see* Pearton, S.J. 62483
Hobson, W.S. *see* Pearton, S.J. 63855
Hobson, W.S. *see* Pearton, S.J. 71319
Hochadel, B., Albrecht, F., Grieser, M., Habs, D., Schwalm, D., Szmola, E., Wolf, A. A residual-gas ionization beam profile monitor for the Heidelberg Test Storage Ring TSR 53103
Hochadel, B. *see* Grieser, M. 76310
Hochanh, T., Bellerive, J.-P., Beauchamp, S. Field experience on hot sticks exposed to atmospheric pollution for variable winter periods at two distribution substations 78137
Hochet, B. *see* Thiran, P. 61846
Hochholzer, M., Jordan, V. Discussion of the linewidth enhancement factor α of GaAs/GaAlAs quantum well lasers 94495
Hochman, S.D., O'Connell, P.A. Quality function deployment: using the customer to outperform the competition on environmental design 54476
Hochnadel, R.D. *see* Beymer, B.A. 97162
Hochong Park, Chin, R.T. Optimal decomposition of convex morphological structuring elements for 4-connected parallel array processors 51591
Hochreiter, J. *see* Hauser, H. 53057
Hochreiter, L.E., Fanto, S.V., Conway, L.E., Lau, L.K. Integral testing of the AP600 passive emergency core cooling systems 60070
Hochst, H., Patel, R., Middleton, F. Multiple-reflection $\lambda/4$ phase shifter: a viable alternative to generate circular-polarized synchrotron radiation 87744
Hochst, H. *see* Bissen, M. 87752
Hochst, H. *see* Fisher, M.V. 88288
Hochst, H. *see* Huber, D.L. 88273
Hochst, H. *see* Rioux, D. 69950
Hochstrasser, R.M. *see* Wynne, K. 63722
Hochwald, B., Nehorai, A. Concentrated Cramer-Rao bound expressions 73579
Hochwald, B., Nehorai, A. Electromagnetic vector sensors and active target localization and identification 86547
Hock, F. *see* Czarske, J. 76260
Hock, R.H., Pitzele, L.D. Comparison of usable power density in board mounted DC-DC converters 61537
Hock Khoo *see* Yihong Wu 63348
Hocker, C., Conlon, R. Approaching the summit 78509
Hockett, R.S. *see* Chu, P.K. 82023
Hockley, C.J., Comer, G.E. NATO R&M standards; blueprint for success 54585
Hockney, D. *see* Hong Liu 52193
Hocquard, P., Lacharnay, P. Bit rate switching subsystem in Flash-TV 97648
Hodapp, K.-W. Development of a 1024×1024 InSb detector array for astronomy: a status report 58847
Hode, J.-M. *see* Solal, M. 93823
Hodel, W. *see* Peter, D.S. 83011
Hodel, W. *see* Peter, D.S. 94087
Hodel, W. *see* Schutz, J. 82600
Hodes, M. *see* Bar-Cohen, A. 91075
Hodge, A.M. *see* Ward, M.C.L. 81913
Hodge, J.M. *see* Herouard, M. 100071
Hodges, C.R. The impact of heat on MCMs 79373
Hodgkiss, W. Equaliser-based clock extraction for modems 74156
Hodgson, E., Boardman, A.D., Hua, Y., Wilson, A. Optical measurement of excimer laser current pulses 63667
Hodgson, J. *see* Breidenbach, M. 92864
Hodgson, J.A. *see* Schwarz, H.D. 67134
Hodgson, N., Nighan, W.L., Jr., Golding, D.J., Eisel, D. Efficient 100-W Nd:YAG laser operating at a wavelength of 1.444 μm 83020
Hodgson, N. *see* Bostanjoglo, G. 72984
Hodgson, P. *see* Hand, D.P. 87224
Hodgson, R.M. *see* Pugmire, R.H. 51563
Hodisan, A., Hellman, Z., Brilliant, A. Method optimizes performance of phase-locked loops 91949
Hodson, T.L. Meeting MCM performance demands with ceramics 90993
Hodulikova, A. *see* Mojzis, M. 98354
Hody, J.-Y. *see* Dular, P. 83430
Hoeberling, R.F. *see* Stringfield, R.M. 71045
Hoech, R., Bartholomew, R., Moen, V., Grigg, K. Design, capabilities and performance of a miniaturized airborne GPS receiver for space applications 65724
Hoefener, C.E. GPS offers the ideal technique for postmission training evaluation 60810
Hoefer, J.R. *see* Krumpholz, M. 83737
Hoefer, S., Heil, F., Pandit, M., Kumaresan, R. Segmentation of textures with different roughness using the model of isotropic two-dimensional fractional Brownian motion 84953
Hoefer, W. *see* Macdonald, F. 49676
Hoefer, W.J.R., Sautier, P. Characteristics of the general rectangular 2D-TLM network 55097
Hoefer, W.J.R. *see* Eswarappa, C. 80617
Hoefer, W.J.R. *see* Eswarappa, C. 80655
Hoefer, W.J.R. *see* Eswarappa, C. 83735
Hoefer, W.J.R. *see* Eswarappa, C. 92476
Hoefer, W.J.R. *see* Herring, J.L. 73416
Hoefer, W.J.R. *see* Qi Zhang 94923
Hoefer, W.J.R. *see* Righi, M. 80596
Hoefer, W.J.R. *see* Righi, M. 80616
Hoefer, W.J.R. *see* Russer, J.A. 51154
Hoefer, W.J.R. *see* Russer, P. 80656
Hoeflich, J. *see* Becker-Szendy, R. 87033
Hoeflich, J. *see* Becker-Szendy, R. 97818
Hoeg, W., Twietmeyer, H., Junger, H. Additional data services for DAB: Dynamic Range Control (DRC) 97576
Hoeg, W. *see* Fuchs, H. 96870
Hoegen, M.Horn-von *see* Horn-von Hoegen, M.
Hoegh, H. *see* Nielsen, T.N. 97271
Hoeher, P. On channel coding and multiuser detection for DS-CDMA 52320
Hoeher, P. Advances in soft-output decoding 95096
Hoehn, J.G., Jr. *see* Balachandran, U. 63327
Hoehn, J.G., Jr. *see* Hascicek, Y.S. 82448
Hoehn, M. *see* Macek, R.J. 87829
Hoekman, D.H. *see* Looyen, W.J. 77618
Hoekstra, H.J.W.M. *see* Krijnen, G.J.M. 94134
Hoekstra, K.J. *see* Loois, G. 100895
Hoekstra, R.J. *see* Choi, S.J. 71397
Hoekstra, T.H. *see* Horst, F. 50757
Hoekstra, W. *see* Schaeffer, C.J. 66467
Hoelscher, J.F. *see* Hartzog, S. 100000
Hoelzner, K., Szyszka, A. Operation of 20 kW_{th} gas-fired heating boilers with hydrogen, natural gas and hydrogen/natural gas mixtures. First test results from phase 1 (March 1993) of the Neunburg vorm Wald solar hydrogen project 89554
Hoen, K. *see* Masa, P. 61838
Hoen, S. *see* Rugar, D. 66291
Hoenen, F., Graffmann, E., Finken, K.H., Barrenscheen, H.-J., Klein, H., Jaspers, R. Liquid scintillation detectors for gamma and neutron diagnostic at TEXTOR and results of runaway and sawtooth oscillations 88137
Hoener, C. *see* Brown, J.M. 82075
Hoener, C.F., Pylant, E., Boden, E.G., Wang, S.-Q. Auger depth profiles of TiN/Ti films in submicron contact holes: a comparison of collimated and uncollimated deposition processes 70099
Hoenk, M.E. Small inertial measurement units—sources of error and limitations on accuracy 75958
Hoerig, T.R. *see* Givens, B.R. 59446
Hoessel, P. *see* Wollersheim, O. 81685
Hoeven, A.van der *see* van der Hoeven, A.
Hoevers, H. *see* Hollander, R.W. 81165
Hoey, M. *see* Folving, S. 67913
Hof, D. *see* Eichinger, W.E. 77343
Hof, M., Bremerich, M., Menn, W., Pfeifer, C., Reimer, O., Simon, M., Mitchell, J.W., Barbier, L.M., Christian, E.R., Ormes, J.F., Streitmatter, R.E., Golden, R.L., Stochaj, S.J. Performance of drift chambers in a magnetic rigidity spectrometer for measuring the cosmic radiation 67310
Hof, P.M.J.Van den *see* Van den Hof, P.M.J.
Hofer, D. *see* Pomerene, A. 81597
Hofer, E. *see* Glaeser, H. 89486
Hofer, K. Modular technology on the advance: the drive of the future has the character of a component 90556
Hofer, R. *see* Meyer, E. 71069
Hofert, M., Stevenson, G.R. Individual monitoring in high energy radiation fields 88601
Hofert, M. *see* Stephan, A. 56279
Hoff, C.M., Mulukutla, S. Analysis of the instability of PFC power supplies with various AC sources 68076
Hoff, J. *see* Brown, G.J. 71179
Hoff, J. *see* Yarema, R.J. 59200
Hoff, J.R., Foster, G.W. A full custom, high speed, floating point adder 67384
Hoff, L.E. *see* Allen, M.R. 75569
Hoff, L.E. *see* Yu, X. 75567
Hoff, M. Instability of power factor corrected power supplies with various AC sources 60370
Hoff, T., Wenger, H.J., Keane, D.M. PV-DSM: policy actions to speed commercialization 100002
Hoffberg, M.G. *see* Nawrocki, G.J. 76333
Hoffer, J.A. *see* Haugland, M.K. 67590
Hoffer, J.A. *see* Haugland, M.K. 67604
Hoffer, J.A. *see* Haugland, M.K. 67605
Hoffheins, B.S. *see* Ericson, M.N. 87032
Hoffheins, B.S. *see* Ericson, M.N. 98667
Hoffman, A. Current and future InSb infrared arrays for astronomy 58777
Hoffman, A. *see* Beaver, R. 62350
Hoffman, A. *see* Weiser, P.S. 79906
Hoffman, C.A. *see* Choi, J.B. 55611
Hoffman, C.A. *see* DiVenere, A. 54853
Hoffman, C.A. *see* Youngdale, E.R. 55599
Hoffman, C.A. *see* Youngdale, E.R. 62246
Hoffman, D. *see* Garijo, F.J. 85530
Hoffman, D. *see* Kappe, F. 63616
Hoffman, D.J., Bigelow, T.S., Fogelman, C.H., Yugo, J.J., Caughman, J.B.O., Gardner, W.L., Carter, M.D., Probert, P.H., Barbato, E. Folded waveguide designs for tokamaks 49616
Hoffman, D.J. *see* Gardner, W.L. 49634
Hoffman, D.J. *see* Goulding, R.H. 51271
Hoffman, E.J. *see* Cherry, S.R. 88092
Hoffman, E.J. *see* Cutler, P.D. 76898
Hoffman, E.J. *see* Dahlbom, M. 76921
Hoffman, E.J. *see* Guerrero, T.M. 98826
Hoffman, E.J. *see* Guerrero, T.M. 98827
Hoffman, E.J. *see* Tornai, M.P. 88384
Hoffman, E.J. *see* Tornai, M.P. 88413
Hoffman, E.J. *see* Tornai, M.P. 98832
Hoffman, K., Glatfelter, T. An optical study of each layer in a-Si:H solar cells 100692
Hoffman, K., Ledwich, G. Resonant link topologies for fast power system transient compensation 59738
Hoffman, K., Ledwich, G. Improved power system performance using inverter based resonant switched compensators 99553
Hoffman, K., Ledwich, G. Fast compensation by a pulsed resonant current source active power filter 100336
Hoffman, K. *see* Banerjee, A. 78827
Hoffman, K. *see* Banerjee, A. 100523
Hoffman, K. *see* Guha, S. 90415
Hoffman, K. *see* Guha, S. 100584
Hoffman, K. *see* Weiyi Jia 72570
Hoffman, M. *see* Poon, S. 71402
Hoffman, M.A. *see* Kesser, K.F. 60102
Hoffman, M.I. *(editor)* 1994 IEEE National Telesystems Conference. Conference Proceedings (Cat. No.94CH3419-9) 60728
Hoffman, M.W., Trine, T.D., Buckley, K.M., Van Tasell, D.J. Robust adaptive microphone array processing for hearing aids: realistic speech enhancement 88557
Hoffman, P., Kriss, M. Analysis and resolution of vibration induced wire breaks in MQUAD cavity packages 93566
Hoffman, R., Krotkov, E. Terrain mapping for outdoor robots: robust perception for walking in the grass 51690
Hoffman, R. *see* Almar, R. 93815
Hoffman, R. *see* Chatterjee, B. 71149
Hoffman, R.J. *see* Brand, J.L. 63241
Hoffman, R.N., Johnson, D.W. Application of EOF's to multispectral imagery: data compression and noise detection for AVIRIS 59591
Hoffman, R.W., Jr. *see* Wilt, D.M. 54153
Hoffman, S. *see* Alyasin, S. 89233
Hoffman, S. *see* Kleiss, R.E. 54271
Hoffman, S.A., Blair, W.D. Comments on "The α-β-Γ tracking filter with a noisy jerk as the maneuver model" 73964
Hoffman, S.P. *see* Heydt, G.T. 99660
Hoffman, T. *see* Maule, R. 99799
Hoffman, W., III *see* Eagan, P. 90839
Hoffmann, A., Heitz, R., Lummer, B., Fricke, C., Kutzer, V., Broser, I., Taudt, W., Gleitsmann, G., Heuken, M. Incorporation of nitrogen in ZnSe grown by metalorganic vapour phase epitaxy 71303
Hoffmann, A., Valenza, M., Rigaud, D., Dumas, M., Azais, B., Johan, A. Abnormal behaviour of low frequency noise in irradiated LDD MOSFETs 71640
Hoffmann, A. *see* Krause, E. 61376
Hoffmann, A. *see* Taudt, W. 70000
Hoffmann, B. *see* Bahr, J. 88245
Hoffmann, B. *see* Kauffmann, F. 58668
Hoffmann, B. *see* Nava, M.D. 65064
Hoffmann, B. *see* Torbicz, W. 66223
Hoffmann, D. New process handling system for leaselines 51962
Hoffmann, D.H.H. *see* Winkler, M. 76564
Hoffmann, G. *see* Wollersheim, O. 81685
Hoffmann, G.E. Is the Berlin-Bonn Information Link working? 58184
Hoffmann, G.F., Vercellotti, J.F. Taking technology to market: concepts for the 1990s in moving technology 'from laboratory benches to market trenches' 79202
Hoffmann, K. Computer-aided measurement of flat pressings with FUJI prescale film 75849
Hoffmann, K. *see* Bayer, M. 93348
Hoffmann, K. *see* Klein, P. 93409
Hoffmann, K. *see* Kraus, R. 55968
Hoffmann, L. Global network systems—new markets for carriers 51905
Hoffmann, M., Bezzaoui, H., Voges, E. Micromechanical cantilever resonators with integrated optical interrogation 87076
Hoffmann, N. *see* Griesche, J. 61289
Hoffmann, N. *see* Griesche, J. 61290
Hoffmann, T., Sacharowitz, E.U. Simulation models on the test bench: model quality assessment on the basis of a parameter estimation catalogue 79290
Hoffmann, T. *see* Petermann, J. 62554
Hoffmann, T.L., Koopmann, G.H. A new technique for visualization of acoustic particle agglomeration 58645
Hoffmann, W. *see* Handschin, E. 59788
Hoffmann, W. *see* Jaeger, K. 100727
Hoffmann, W.F., Fazio, G.G., Shivanandan, K., Hora, J.L., Deutsch, L.K. MIRAC, a mid-IR array camera for astronomy 66422
Hoffmann-Stascheck, P. *see* Buschhorn, G. 76859
Hoffner, J.E., Ragsdale, K., Libby, L. Photovoltaics vs. utility line extension in Austin, Texas 99990

Hoffstadt, A. High-average-power flash-lamp-pumped Ti:sapphire laser 94398
Hoffstatter, G.H., Berz, M. Symplectic scaling, a DA based tool 66888
Hoffstetter, D.M., Manley, M.H. A systematic test methodology for identifying defect-related failure mechanisms in an EEPROM technology 61685
Hofland, R. *see* Chodzko, R.A. 82921
Hofler, A. *see* Bickley, M. 87693
Hofler, A. *see* Chao, Y. 67004
Hofler, A. *see* Kneissl, M. 94300
Hofler, A.S., Bowling, B.A., Higgins, C.S., Kloeppel, P.K., Krafft, G.A., Mahoney, K.L. Performance of the CEBAF arc beam position monitors 76486
Hofler, G. *see* Huo, L.H. 92958
Hofler, G.E. *see* DePuydt, J.M. 63839
Hofler, G.E. *see* Guha, S. 82834
Hofling, J. Real time requirements for the control of a helicopter training simulator 53501
Hofman, J.M.A. *see* Delhez, J.L. 87722
Hofmann, A. *see* Arnaudon, L. 66851
Hofmann, A. *see* Brandt, D. 87724
Hofmann, A. *see* Schulz, S.E. 91642
Hofmann, A. *see* Tran, P. 66892
Hofmann, D., David, O. Intelligent and knowledge based measurements 75850
Hofmann, F., Kress, K., Rudolph, T., Wikinger, C. EMC tests in a 145 kV GIS switchyard 100418
Hofmann, G., Neumann, N., Budzier, H. Pyroelectric single-element detectors and arrays based on modified TGS 66334
Hofmann, G. *see* Behrends, D. 69120
Hofmann, G. *see* Neumann, N. 56195
Hofmann, G. *see* Zimmert, G. 69118
Hofmann, H. Mobile telecommunications in Switzerland 65219
Hofmann, J. Networking consumer products in the home 52116
Hofmann, K.H. Semigroups and Hilbert's fifth problem 91173
Hofmann, M., Carr, K.R., Han Jin Miao, Chen-Ching Liu, Rich Christie RETEX, a power transmission relay test expert system 68318
Hofmann, M., Koch, M., Feldmann, J., Elsasser, W., Gobel, E.O., Chow, W.W., Koch, S.W. Picosecond gain dynamics of an actively modelocked external-cavity laser diode 83065
Hofmann, M., Koch, M., Heinrich, H.-J., Weiser, G., Feldmann, J., Elsasser, W., Gobel, E.O., Chow, S.W., Koch, S.W. Temporal and spectral gain dynamics in an actively modelocked semiconductor laser 50845
Hofmann, N., Platen, E. Stability of weak numerical schemes for stochastic differential equations 91373
Hofmann, P. *see* Bangert, A. 87204
Hofmann, P. *see* Melhorn, C.J. 68213
Hofmann, P. *see* Zhi-Gong Wang 86316
Hofmann, P. *see* Zhi-Gong Wang 92341
Hofmann, S. *see* Ece, M. 70131
Hofmann, W. *see* Fallot-Burghardt, W. 88244
Hofmann, W. *see* Harr, R. 88209
Hofmann, W. *see* Michel, E. 88029
Hofmeister, J. *see* Habermayr, E. 55295
Hofmeister, R., Yariv, A., Yagi, S. Spectral response of fixed photorefractive grating interference filters 50656
Hofmeyr, G.J. *see* Bunn, A.E. 76999
Hofrichter, K., Moeller, E., Scheller, A., Schurmann, G. The BERKOM multimedia-mail teleservice 96570
Hofsajer, I.W., Ferreira, J.A., van Wyk, J.D., Holm, M.K.F., van der Merwe, D.F. A planar integrated RCD snubber/voltage clamp 61513
Hofsajer, I.W., Ferreira, J.A., van Wyk, J.D., Smit, M.C. Integrated technology and performance for multi-kilowatt power electronic converters—an evaluation 90204
Hofsass, H., Wahl, U., Jahn, S.G. Impurity lattice location and recovery of structural defects in semiconductors studied by emission channeling 71274
Hofsass, V. *see* Hase, A. 56790
Hofschen, S., Wolff, I. Improvements of the 2-D-FDTD method for the simulation of small CPWs on GaAs using time series analysis 80763
Hofstetter, D., Zappe, H.P., Epler, J.E., Sochtig, J. Single-growth-step GaAs/AlGaAs distributed Bragg reflector lasers with holographically-defined recessed gratings 94528
Hofstetter, E.M. *see* Rose, R.C. 51388
Hofstetter, E.M. *see* Rose, R.C. 84070
Hofstetter, R. *see* Heidemann, R. 52499
Hofstetter, R. *see* Heidemann, R. 97093
Hofstraat, J.W. *see* Mohlmann, G.R. 82880
Hoft, R.G. *see* Essah, D. 69239
Hoft, R.G. *see* Liang, T.J. 60357
Hoft, R.G. *see* Lin, B.-R. 54172
Hoft, R.G. *see* Lin, B.-R. 68725
Hoft, R.G. *see* Mandhana, O.P. 60334
Hoft, R.G. *see* Weiwei Qi 68621
Hoga, H. *see* Ohta, T. 55840
Hogan, B. *see* Calame, J.P. 55512
Hogan, B. *see* Calame, J.P. 76376
Hogan, B. *see* Calame, J.P. 81156
Hogan, B. *see* Faucett, T. 60978
Hogan, B. *see* Flaherty, M.K.E. 81149
Hogan, B. *see* Latham, P.E. 62095
Hogan, B. *see* Lawson, W. 76377
Hogan, B. *see* Matthews, H.W. 92890
Hogan, J.R., Rey, D., Faas, S.E. Design of a smart, survivable sensor system for enhancing the safe and secure transportation of hazardous or high-value cargo on railroads 52812
Hogan, M., Rosenzweig, J. Longitudinal beam-beam effects in circular colliders 87868
Hogan, N. *see* Clancy, E.A. 59386
Hogan, R. *see* Roy, S.R. 71316
Hogan, S.J., Breen, W.F., Darkazalli, G., Murach, J.M., Nowlan, M., Sutherland, S.F. Automated lamination for photovoltaic module encapsulation 100726
Hogan, S.J. *see* Nowlan, M.J. 90429
Hogan, S.J. *see* Vernon, S.M. 54964
Hogari, K., Nagakura, H. High speed multifiber connector assembly method 63423
Hogarth, C.A., Golestanian, S. Some morphological and electrical aspects of thin vacuum-evaporated films of polytetrafluoroethylene 91637
Hogarth, C.A. *see* Hosseini, A.A. 72537
Hogarth, C.A. *see* Makadsi, M.N. 71097
Hogarth, C.A. *see* Mukhopadhyay, S. 52969
Hogarth, C.A. *see* Mukhopadhyay, S. 76094
Hogberg, L. Towards world nuclear safety standards 78336
Hogda, K.-A. *see* Johnsen, H. 77482
Hogda, K.A., Jacobsen, S. Estimating the RAR modulation transfer function directly from SAR ocean wave image spectra 77483
Hogda, K.A. *see* Guneriussen, T. 77472
Hogda, K.A. *see* Jacobsen, S. 77531
Hoger, S. *see* Zhang, C. 56573
Hogert, E.N. *see* Rebollo, M.A. 95661
Hogervorst, R., Tero, J.P., Eschauzier, R.G.H., Huijsing, J.H. A compact power-efficient 3 V CMOS rail-to-rail input/output operational amplifier for VLSI cell libraries 91918
Hogervorst, R. *see* Eschauzier, R.G.H. 91919
Hogg, B.W. *see* Brown, M.D. 99578
Hogg, B.W. *see* Flynn, D. 60161
Hogg, B.W. *see* Flynn, D. 100076
Hogg, B.W. *see* Forsythe, T.D. 99948
Hogg, B.W. *see* Jovanovic, S. 59690
Hogg, B.W. *see* Lu, S. 60085
Hogg, B.W. *see* Wang, H.F. 59745
Hogg, B.W. *see* Wang, P. 99433
Hogg, B.W. *see* Yongli, Z. 78014
Hogg, B.W. *see* Zhang, J.H. 59967
Hogg, B.W. *see* Zhu Yongli 59681
Hogg, B.W. *see* Zhu Yongli 77914
Hogg, C.R. *see* Arden, G.B. 98898
Hogg, D. *see* Green, M.A. 100562
Hogg, D., Boyle, R. *(editors)* BMVC92. Proceedings of the British Machine Vision Conference 79083
Hogg, D.C. *see* Baumberg, A.M. 96073
Hogg, G., Steiner, G., Cammann, K. Development of a sensor card with integrated reference for the detection of nitrate 66229
Hogg, G. *see* Knoll, M. 66260
Hogg, J.H.C. *see* Hagston, W.E. 55600
Hogg, R., Moss, P., Park, S. Marriage of convenience: integrating cordless handset functionality into key-terminals 75244
Hogg, R.A. *see* David, J.P.R. 93314
Hoggard, N. Multi-media 96425
Hogge, C.B. *see* Spreen, D.E. 94836
Hogle, R.A. *see* Corby, N.R. 76945
Hoglin, H.-J., Schmidt, M. Field testing of earth shorts in electric power systems 68323
Hoglund, I. Rad hard CMOS/SOS ASICs from ABB Hafo 50080
Hoglund, I. *see* Alippi, C. 53346
Hoglund, I. *see* Dell'Acqua, A. 87955
Hoglund, I. *see* Dell'Acqua, A. 98680
Hogrefe, R. *see* Kim, K. 76666
Hogrefe, R. *see* Kim, S.H. 76348
Hogrefe, R. *see* Kim, S.H. 76571
Hogrefe, R. *see* Kim, S.H. 76667
Hogrefe, R. *see* Kim, S.H. 76668
Hogseth, E. *see* Horvath-Szabo, G. 59607
Hogstedt, K., Oraiioglu, A. Integrating binding constraints in the synthesis of area-efficient self-recovering microarchitectures 92261
Hogstedt, K. *see* Karri, R. 55065
Hogue, R.E. *see* Cheng Wang 88416
Hoh, C.K. *see* Chatziioannou, A. 98829
Hoh, K. *see* Yasuda, Y. 62729
Hoh, P.D. *see* Cohen, M.S. 83043
Hoh, P.D. *see* Cohen, M.S. 97364
Hohemwarter, G.K.G. *see* Leuthold, A.C. 82389
Hohenberg, G. *see* Schweeger, G. 75960
Hohkawa, K. *see* Araki, N. 71902
Hohkawa, K. *see* Komine, K. 93843
Hohl, W., Xucjia Lai, Meier, T., Waldvogel, C. Security of iterated hash functions based on block ciphers 83954
Hohlein, B. *see* Schmidt, V.M. 60570
Hohler, R. *see* Hille, P. 87155
Hohlfeld, K. *see* Zhao, S. 59220
Hohman, D.S. *see* Dougherty, J.J. 59630
Hohmann, G. *see* Tsili Wang 83425
Hohn, V. *see* Wettstein, K. 58314
Hohne, K.H. *see* Pommert, A. 84628
Hohne, K.H. *see* Schiemann, T. 57684
Hohne, U. DIAMOND: the use of innovative information technologies in production 79295
Hohr, H. Design factors and examples for gas turbines in cogeneration 78449
Hoiier, R. *see* Zhou, S.X. 50195
Hoiland, H. *see* Horvath-Szabo, G. 59607
Hoinville, J.R. *see* Darragh, N.R. 50307
Hoitink, H. *see* De Vreede, J.P.M. 86889
Hoitkamp, D.B. *see* Eichinger, W.E. 77343
Hojo, H., Kawashima, S., Okuyama, A., Nakamura, M., Washizu, K., Ogawa, K. GPS/GLONASS integrated receiver 67677
Hojo, H. *see* Kawai, M. 96793
Hojo, H. *see* Motoyama, Y. 97188
Hojo, J.-I. *see* Honma, H. 78196
Hojo, S. *see* Shinohara, H. 100017
Hojo, S. *see* Yuyama, S. 100022
Hok, B., Tenerz, L., Berg, S., Bluckert, A. Pressure microsensor system using a closed-loop configuration 59256
Hok, B. *see* Rosengren, L. 67440
Hokanson, K.E., Bar-Cohen, A. A shear based optimization of adhesive thickness for die bonding 92854
Hokari, Y. *see* Morimoto, M. 97662
Hokari, Y. *see* Mutoh, N. 98090
Hokari, Y. *see* Orihara, K. 66047
Hoke, M. *see* Namkung, J.S. 98347
Hoke, W. *see* Bonner, W.A. 91520
Hoke, W.E. *see* Lemonias, P.J. 55725
Hoki, D. *see* Dahl, M. 70603
Hokinson, R. *see* Mistry, L.R. 63015
Hokland, J.H., Taxt, T. Ultrasound speckle reduction using harmonic oscillator models 53391
Holan, M. Improved reactor core design for the NPP TEMELIN 78333
Holbeche, R.J. *see* Burnett, I.S. 73874
Holbeche, R.J. *see* Sapiano, P.C. 73592
Holber, W.M. *see* Blain, M.G. 71394
Holberg, D.R. *see* Welland, D.R. 93886
Holbert, K.E., Heger, A.S., Alang-Rashid, N.K. Redundant sensor validation by using fuzzy logic 84249
Holbert, K.E., Upadhyaya, B.R. Empirical process modeling technique for signal validation (nuclear plants) 57577
Holboll, J.T. *see* Fleming, R.J. 89288
Holbourn, P.E. *see* Kinghorn, A.M. 99394
Holc, J. *see* Hrovat, M. 54150
Holc, J. *see* Hrovat, M. 66311
Holcman, I. *see* Carmel, O. 79457
Holcomb, D.R. *see* Norwood, R.A. 81676
Holcomb, M.D. *see* Pokines, B.J. 100168
Hold, B., Bhatt, P.C.P., Agarwal, V.K. Rapid prototyping and synthesis of a self-testing ABS controller using CAD tools 78964
Holdaway, M. The search for power, Endstage ICs with improved protection 86805
Holdcroft, S. *see* Abdou, M.S.A. 81675
Holdcroft, S. *see* Lu, X. 93383
Holden, M. *see* Key, M.H. 50731
Holden, M. *see* Smith, T. 76956
Holden, P.B. *see* Pert, G.J. 50735
Holdener, F. *see* Caderon, M. 87645
Holder, D.S., Khan, A. Use of polyacrylamide gels in a saline-filled tank to determine the linearity of the Sheffield Mark 1 electrical impedance tomography (EIT) system in measuring impedance disturbances 67556
Holder, D.S. *see* Boone, K. 67582
Holder, E.J. *see* Belcher, M.L. 75529
Holder, E.J. *see* Goldstein, J.S. 75537
Holder, G.E. *see* Arden, G.B. 98898
Holder, L., Okamoto, T., Asakura, T. Polarization phase-shifting technique applied to a speckle correlation interferometer using an image fiber 57020
Holder, L., Okamoto, T., Asakura, T. Depolarization measurements of light propagating through an image fiber 94121
Holder, S. *see* Abd Majid, W.H. 71923
Holder, S.M. *see* He, Z. 59301
Hole, C.R.J., Jones, H., Goringe, M.J. A technique for DC transport critical current measurements on high-temperature superconductors in pulsed magnetic fields 82339
Hole, K.J., Ytrehus, O. Improved coding techniques for preceded partial-response channels 73699
Hole, S.K. *see* Woodward, B. 86623
Holecz, F., Datcu, M., Small, D. Model based radiometric correction of optical imagery in mountainous regions for snow cover segmentation 77499
Holehouse, N. *see* Han, H. 83158
Holen, A.T. *see* Hakavik, B. 77852
Holfelder, W., Hehmann, D. A networked multimedia retrieval management system for distributed kiosk applications 58043
Holford, S., Agathoklis, P. Designing linear phase IIR filters from FIR prototypes 95607
Holgado, S., Martinez, J., Garrido, J., Piqueras, J. Ellipsometric characterization of amorphous silicon layers after BF_2^+ ion implantation 81459
Holgate, S.T. *see* Perring, S. 59366
Holikatti, S.G. *see* Deshmukh, L.P. 78779
Holikatti, S.G. *see* Deshmukh, L.P. 90347
Holis, K. *see* Padmore, H.A. 88279
Holladay, A.M. *see* Hamiter, L. 80933
Hollan, J. *see* Brothers, L. 96563
Hollan, R. *see* Kenny, P. 84115

Holland, A. *see* Fraser, G.W. 98552
Holland, A.D., Short, A.D.T., Cross, T. X-ray detection using bulk GaAs 67419
Holland, B. *see* Young, T. 65166
Holland, C.E. *see* Spindt, C.A. 62083
Holland, C.E. *see* Spindt, C.A. 92876
Holland, E.R., Bloor, D., Monkman, A.P., Brown, A., De Leeuw, D., Bouman, M.M., Meijer, E.W. Effects of order and disorder on field-effect mobilities measured in conjugated polymer thin-film transistors 71652
Holland, H.J. *see* van den Bosch, P.J. 98763
Holland, J. *see* Anderson, R. 88679
Holland, K. *see* De Vreede, J.P.M. 86889
Holland, K.P. *see* Alexander, M.J. 73371
Holland, L.R. *see* Hollerman, W.A. 72578
Holland, L.R. *see* Hollerman, W.A. 98702
Holland, M. *see* Drexler, H. 49802
Holland, M. *see* Drexler, H. 62257
Holland, M. *see* Lettau, C. 93037
Holland, M. *see* Schuster, R. 92995
Holland, M. *see* Thayne, I. 93502
Holland, M. *see* Wendel, M. 81742
Holland, S. *see* Amidei, D. 98639
Holland, S.A. *see* Haydock, L. 54057
Holland, S.A. *see* Haydock, L. 90064
Holland, S.K. *see* Zeira, A. 59357
Holland, W.R., Burack, J.J., Stawicki, R.P. Optical fiber circuits 94313
Holland, W.R. *see* Coucoulas, A. 94127
Hollander, B. *see* Lie, D.Y.C. 49793
Hollander, D. Next generation packaging solutions 79354
Hollander, D. Next generation packaging solutions 79357
Hollander, D. D^3PAK package achieves highest power dissipation of standard, plastic, surface-mount power semiconductors 91900
Hollander, R.W., Bom, V.R., van Eijk, C.W.E., Faber, J.S., Hoevers, H., Kruit, P. Inexpensive read-out for coincident electron spectroscopy with a transmission electron microscope at nanometer scale using microchannel plates and multistrip anodes 81165
Hollander, R.W. *see* Dorenbos, P. 59079
Hollander, R.W. *see* Hijzen, E.A. 88030
Hollander, R.W. *see* Hijzen, E.A. 88122
Hollander, R.W. *see* Hijzen, E.A. 98571
Hollander, R.W. *see* Okx, W.J.C. 59106
Hollander, R.W. *see* van der Marel, J. 88017
Hollander, R.W. *see* van Sonsbeek, R. 88094
Hollas, C.L. *see* Arnone, G.J. 98726
Hollasky, N.A. *see* Charlier, A.F. 53888
Hollatz, M. *see* Gille, P. 48899
Hollbauer, L. *see* Fleischer, M. 58871
Hollberg, L. *see* D'Evelyn, L. 80199
Hollberg, L. *see* D'Evelyn, L. 83126
Hollberg, L. *see* Van Baak, D.A. 98328
Hollberg, L. *see* Weimer, C.S. 86923
Holleman, E. Engineering employment in the new world order 79088
Holleman, J. *see* Zhou, M.-J. 56590
Hollenbacher, R.H. *see* Cohn, A. 68460
Hollenkamp, T.L. Preparing for the 'Big one' [substation seismic design] 60394
Hollensett, K. *see* Riech, V. 86518
Holler, K., Simon, G., Spack, H. SF_6 switchgear for rural distribution networks 68891
Holler, M., Shmurun, A., Tam, S., Brauch, J. Neural network recognition of objects based on impact dynamics 74344
Hollerbach, U. *see* Barouch, E. 71493
Hollerbach, U. *see* Spence, C. 71754
Hollerman, W.A., Fisher, J.H., Holland, L.R., Czirr, J.B. Spectroscopic analysis of proton induced fluorescence from yttrium orthosilicate 98702
Hollerman, W.A., Fisher, J.H., Shelby, G.A., Holland, L.R., Jenkins, G.M. Spectroscopic analysis of proton induced fluorescence from yttrium and gadolinium oxysulfides phosphors 72578
Holley, E.P., Lewnard, J.J., Wang, S.I., Von Wedel, G., Richardson, K.W., Morehead, H.T. Project overview and status Four Rivers energy modernization project 78427
Holley, W.H. *see* Agro, S. 90450
Holliday, D., Green, T.C., Williams, B.W. On-line parameter measurement of induction machines 89976
Holliday, J., Jr. Analytic performance analysis of the DQDB access protocol 96259
Holliday, R.E. *see* Fecho, T.R. 77872
Hollier, C.J., Arnold, J.F., Cavenor, M.C. The effect of a loop filter on circulating noise in interframe video coders 84760
Hollier, M.P., Hawksford, M.O., Guard, D.R. Error activity and error entropy as a measure of psychoacoustic significance in the perceptual domain 64358
Hollier, P. *see* Pasternak, F. 77372
Holling, G.H., Holling, M.L., Yeck, M.M. Programmable logic and ASICs allow cost effective, small volume motion control systems 61657
Holling, M.L. *see* Holling, G.H. 61657
Hollinger, A. *see* Rivard, B. 77295
Hollinger, A.B. *see* Thomas, P.J. 67887
Hollinger, G. *see* Garcia Perez, M.A. 56594
Hollinger, G. *see* Regreny, P. 55567
Hollinger, R. *see* Wymer, S.A. 64058
Hollingsworth, R.E. *see* Tsuo, Y.S. 100472
Hollingum, J. LonWorks — solutions in silicon 65346
Hollis, M.A. *see* Bozler, C.O. 62041
Hollis, M.A. *see* Goodhue, W.D. 62047
Hollis, P.W., Paulos, J.J. A neural network learning algorithm tailored for VLSI implementation 80532
Hollkamp, J.J., Starchville, T.F., Jr. A self-tuning piezoelectric vibration absorber 82194
Hollkamp, J.J. *see* Tzou, H.S. 93776
Hollman, H.D.L. A block-decodable (1,8) runlength-limited rate 8/12 code 95125
Hollman, R.F., Elliott, D.J. A small-field projection imaging system for deep UV development 71524
Hollmann, D. *see* Heilig, R. 80825
Hollmann, D. *see* Heilig, R. 92611
Hollmann, E.K., Vendik, O.G., Zaitsev, A.G., Melekh, B.T. Substrates for high-T_c superconductor microwave integrated circuits 80750
Hollnagel, R.A. Conversion functions of the dose equivalent $H_p(10)$ in the ICRU slab used for the calibration of personal neutron dosemeters 88593
Holloway, C.L., Kuester, E.F. Edge shape effects and quasi-closed form expressions for the conductor loss of microstrip lines 70817
Holloway, D.A. *see* Sivers, E.A. 59269
Holloway, J. *see* Buie, M.J. 62422
Holloway, L.E. *see* Sottile, J., Jr. 90698
Holloway, P.H. *see* Fischer, V. 71194
Holloway, P.H. *see* Fischer, V. 93202
Holloway, P.H. *see* Viljoen, P.E. 93056
Holloway, W.T. *see* Sampson, D.D. 86018
Holloway, W.T. *see* Sampson, D.D. 97249
Hollricher, O. *see* Marso, M. 58797
Holly, B., Sramka, M. Recognition and storage of epileptic symptoms in EEG 76991
Hollywell, P.D., Hickling, E.M. A tool set for the verification and early validation of a control room computer-based display system for Sizewell 'B' nuclear power station 68373
Holm, A. *see* Eklund, A. 89340
Holm, A. *see* Weigel, R. 98376
Holm, C. *see* Seyfried, P. 86967
Holm, J., Davidson, A., Pedersen, N.F., Mygind, J. Josephson soliton oscillators coupled to a coplanar strip resonator 56270
Holm, J.-O. *see* Hakkarainen, E. 89059
Holm, J.G. *see* Rudnick, E.M. 49295
Holm, M.F.K. *see* Smit, M.C. 100305
Holm, M.K.F. *see* Hofsajer, I.W. 61513
Holm, S. *see* Odegaard, L. 98787
Holm, U. *see* Hanna, D. 88243
Holman, T. Motion-picture theater sound system performance: new studies of the B-Chain 52739
Holmann, E., Tyler, G.L , Linscott, I.R. Reliability study of combinational circuits 92001
Holmberg, N. *see* Kingston, R. 89261
Holmberg, P. Ultrasonic sensor array for position and rotation estimates of planar surfaces 88878
Holmberg, P. Automatic balancing of linear AC bridge circuits for capacitive sensor elements 97961
Holmberg, P. *see* Nilsson, A. 76075
Holmberg, S.H., Syroid, D. Image Quest Technologies: a U.S. based production facility for active matrix LCDs 76141
Holme, S. *see* Sturtevant, J. 81704
Holmen, J.O. *see* Akinwande, A.I. 62084
Holmer, N.-G. *see* Blad, B. 67572
Holmer, N.-G. *see* Eriksson, H. 88893
Holmes, A.B. *see* Drzewiecki, T.M. 78310
Holmes, A.J.T. *see* Proudfoot, G. 59008
Holmes, A.L., Fertitta, K.G., Ciuba, F.J., Dupuis, R.D. X-ray diffraction studies of high-quality GaN heteroepitaxial films grown by metal organic chemical vapour deposition 79785
Holmes, A.L. *see* Chelakara, R.V. 83040
Holmes, A.L. *see* Fertitta, K.G. 79858
Holmes, A.L., Jr. *see* I-Hsing Tan 55658
Holmes, A.L., Jr. *see* Tauber, D. 83138
Holmes, D.G., Kotsopoulos, A. Variable speed control of single and two phase induction motors using a three phase voltage source inverter 60233
Holmes, D.G. *see* Yao, Q. 68778
Holmes, G. *see* Humphrey, M.C. 51565
Holmes, G.T. *see* Bhagavatula, V.A. 94129
Holmes, J.J., Eskinazi, M. Applied use of combustion turbine generators as a station blackout alternate AC power source 78291
Holmes, J.N. A different approach to 'speaker-independent' speech recognition 64347
Holmes, K. *see* Bigelow, C. 64276
Holmes, M.J., Crossland, W.A. Optimisation of WDM demultiplexers 58441
Holmes, M.J., Payne, F.P. New equivalent step index methods for designing nonlinear fibres 50461
Holmes, M.J., Spirit, D.M., Payne, F.P. New Gaussian-based approximation for modelling non-linear effects in optical fibers 50482
Holmes, M.L. *see* Carson, B. 77299
Holmes, N.D., Gajski, D.D. An algorithm for generation of behavioral shape functions 49080
Holmes, P. *see* Johnson, E.J. 97678
Holmes, R. *see* Pilling, N.A. 89392
Holmes, R. *see* Walker, J.C. 87228
Holmes, R.B. *see* Hunt, J.H. 56549
Holmes, S. *see* Bogert, D. 87641
Holmes, S. *see* Brunsvold, W. 81641
Holmes, S. *see* Conley, W. 81650
Holmes, S. *see* Dewdney, A.J. 81231
Holmes, S. *see* Koburger, C. 70397
Holmes, S. *see* Sturtevant, J. 71515
Holmes, S.D. *see* Christian, D.C. 59094
Holmes, S.G. *see* Sadwick, L.P. 92874
Holmes, T.J. *see* Browne, J.A. 59339
Holmes, T.J. *see* Lin, W. 98815
Holmes, T.R.A. *see* Rangchen Yu 72890
Holmes, W. *see* Clapp, A. 58784
Holmes, W.H. *see* Sen, D. 84058
Holmes, W.J., Wood, L.C., Pearce, D.J.B. Allophone modeling for vocabulary-independent HMM recognition 84075
Holmgren, B., Halen, S., Gubanski, S. Diagnostics of current transformer insulation 90092
Holmgren, B. *see* Werelius, P. 89287
Holmgren, C.A. *see* Chen, B.-R. 85587
Holmgren, M. *see* Olofsson, U. 91662
Holmlund, K. *see* de Waard, J. 77382
Holonyak, N., Jr. *see* Chelakara, R.V. 83040
Holonyak, N., Jr. *see* Krames, M.R. 56767
Holonyak, N., Jr. *see* Maranowski, S.A. 50808
Holonyak, N., Jr. *see* Ries, M.J. 72877
Holopigian, K. *see* Mehaffey, L., III 67542
Holroyd, P. *see* Barclay, I. 69449
Holscher, A. *see* Michel, E. 88029
Holscher, A. *see* Stairs, G. 76839
Holscher, J.G.A. *see* Groenen, P.A.C. 55830
Holscher, R. *see* Katz, B. 71491
Holschneider, M. *see* Flornes, K. 54803
Holsheimer, J. *see* Rijkhoff, N.J.M. 67606
Holstein, W.L. Thermodynamic considerations for the vapor phase processing of Tl-Ba-Ca-Cu-O superconductors 82342
Holstein, W.L. *see* Lai, Y.S. 70899
Holt, D.B., Napchan, E. Quantitation of SEM EBIC and CL signals using Monte Carlo electron-trajectory simulations 62864
Holt, D.B., Napchan, E., Wojcik, A., Ammou, M., Gibart, P. EBIC in HEMT structures on SI substrates 81965
Holt, H., Jr. *see* O'Brien, J.D. 88748
Holt, H.D., Jr. *see* Orwig, L.P. 77788
Holt, H.R. A first step in electronic ecodesign 79276
Holt, J. *see* Karg, F. 100500
Holt, J. *see* Kwok, R. 77698
Holt, J.A., Finley, D.A., Bharadwaj, V. Multibunch operation in the Tevatron Collider 87847
Holt, R.F. *see* Ruighaver, A.B. 50636
Holt, R.J. *see* Bruckstein, A.M. 84850
Holt, S.S. *see* Tanaka, Y. 99037
Holt, T. *see* Minakovic, B. 53042
Holt, W.H. *see* Mock, W., Jr. 77795
Holtappels, P. *see* Divisek, J. 60435
Holterman, H.A.J. *see* Brzozka, Z. 58665
Holtham, C. Pathways to engineering practice—chartered engineer 69383
Holtom, E. *see* Baynham, D.E. 76795
Holtoug, J.U. *see* Zhi Hu 87429
Holtrop, M. *see* Mandeville, J.B. 76855
Holtsinger, D.S., Perros, H.G. Performance of the buffered leaky bucket policing mechanism 57965
Holtsinger, D.S., Perros, H.G. Performance analysis of leaky bucket policing mechanisms 96209
Holtz, J. Pulsewidth modulation for electronic power conversion 90108
Holtz, J. Speed estimation and sensorless control of AC drives 90571
Holtz, J. The dynamic representation of AC drive systems by complex signal flow graphs 100820
Holtz, J., Beyer, B. Optimal pulsewidth modulation for AC servos and low-cost industrial drives 78893
Holtz, J., Beyer, B. The trajectory tracking approach—a new method for minimum distortion PWM in dynamic high-power drives 78894
Holtz, J., Lotzkat, W. Controlled AC drives with ride-through capability at power interruption 60537
Holtz, J., Lotzkat, W., Stadtfeld, S. Controlled AC drives with ride-through capability at power interruption 90535
Holtz, J. *see* Rodriguez, J. 100246
Holtzapple, R. *see* Seeman, J.T. 67016
Holtzapple, R.L. *see* Seeman, J.T. 87884
Holtzapple, R.L. *see* Seeman, J.T. 87898
Holtzer, G. *see* Bus, D. 69283
Holtzman, J. *see* Patel, P. 75199
Holtzman, J.M., Jalloul, L.M.A. Rayleigh fading effect reduction with wideband DS/CDMA signals 52423
Holtzman, J.M. *see* Jalloul, L.M.A. 75202
Holtzman, J.M. *see* Jalloul, L.M.A. 75209
Holtzman, J.M. *see* Patel, P.R. 75188
Holubowicz, W., Bobrowski, R. Good multi-T phase codes under bandwidth and complexity constraints 95210
Holubowicz, W., Bortnik, T. Land mobile radio systems in Poland 86143
Holubowicz, W. *see* Morales-Moreno, F. 57367
Holy, V. *see* Koppensteiner, E. 61248
Holy, V. *see* Lang, M. 61293
Holy, V. *see* Vavra, I. 93048

Holyer, R.J. *see* Krishnamurthy, S. 77543
Holyer, R.J. *see* Peckinpaugh, S.H. 77503
Holz, M. *see* Banerjee, S. 51270
Holzapfel, W., Baetz, W., Braasch, J.C. Noise-modulated laser diode interferometer and its application to range finding 75649
Holzapfel, W., Ye, C., Neuschaefer-Rube, U., Sofsky, M. Matrix multiplication and neural computing by modulated in-series phase anisotropies of optical waveguides 56501
Holzberg, C.S. Moving pictures [video sequences on CD-ROM] 58602
Holzer, B. *see* Michel, E. 88029
Holzheuer, H., Rissiek, W., Rethmeier, O. Parallel algorithms for the simulation of lossy transmission lines 91730
Holzinger, O., Leonhard, R. Automotive electronics—integration and partitioning 78947
Holzl, G., Redmann, M. Progress is abatement of electric traction noise 69137
Holzl, J. *see* Zauner, M. 65339
Holzman, E.L. An eigenvalue equation analysis of a symmetrical coax line to N-way waveguide power divider 70864
Holzman, G. *see* Mittermaier, W. 87347
Holzmann, G.J. Data communications: the first 2500 years 85431
Holzmann, M., Tobben, D., Abstreiter, G., Schaffler, F. Field-effect induced electron channels in a $Si/Si_{0.7}Ge_{0.3}$ heterostructure 93497
Holzmann, M. *see* Tobben, D. 93001
Holzscheiter, K. *see* Ziock, H.J. 76767
Holzwarth, H. *see* Mertesdorf, C. 81634
Holzwarth, H. *see* Munzel, N. 81617
Holzwarth, H. *see* Schaedeli, U. 81621
Hom, C.L., Pilgrim, S.M., Shankar, N., Bridger, K., Massuda, M., Winzer, S.R. Calculation of quasi-static electromechanical coupling coefficients for electrostrictive ceramic materials 71868
Homaifar, A., Guan, S., Liepins, G.E. Schema analysis of the traveling salesman problem using genetic algorithms 48824
Homan, R.J.F. *see* Berkhoff, A.P. 76977
Hombach, V., Thielen, H., Feiss, W. Influence of the shape of the antenna of a radio handset on the antenna diagram and the exposure of the user 58316
Hombach, V. *see* Wolf, H. 57243
Homberg, F. *see* Pauli, M. 100636
Hombu, M. *see* Kawakami, N. 60524
Homburg, D., Paroth, V. Advantages of electronic couplings over mechanical drives 68930
Homeier, H.H.H. A hierarchically consistent, iterative sequence transformation 91354
Homer, G.J. *see* Spooner, N.J.C. 59151
Homes, A.J. *see* Murray, A.F. 61837
Homeyer, H. *see* Arndt, P. 59047
Homma, A. *see* Goto, Y. 62799
Homma, K. *see* Kinoshita, N. 86155
Homma, M. *see* Imura, M. 92638
Homma, M. *see* Nanri, K. 53253
Homma, N. *see* Idei, Y. 70451
Homma, N. *see* Matsuura, K. 72255
Homma, N. *see* Nambu, H. 70537
Homma, R. *see* Hiruta, Y. 93682
Homma, T., Murao, Y. Properties of liquid-phase-deposited SiO_2 films for interlayer dielectrics in ultralarge-scale integrated circuit multilevel interconnections 79886
Homma, T., Ohrui, K., Iizuka, Y., Osaka, T., Yamazaki, Y., Namikawa, T. An analysis of the segregated microstructures of electroless-deposited CoNiP perpendicular magnetic recording media using selective chemical etching 72038
Homma, T. *see* Komoto, E. 80363
Homma, T. *see* Osaka, T. 56222
Homma, T. *see* Osaka, T. 72091
Homma, T. *see* Suzuki, M. 62530
Homma, Y., Murase, Y., Handa, K. A modified integral counting method and efficiency tracing method for measuring ^{222}Rn by liquid-scintillation counting 59103
Homma, Y., Osaka, J., Inoue, N. In situ observation of monolayer steps during molecular beam epitaxy of gallium arsenide by scanning electron microscopy 54871
Homma, Y. *see* Higashi, Y. 49871
Homma, Y. *see* Hinode, K. 71403
Hommel, D., Jobst, B., Behr, T., Bilger, G., Beyersdorfer, V., Kurtz, E., Landwehr, G. Correlation between electrical and structural properties of chlorine doped ZnSe epilayers grown by molecular beam epitaxy 71282
Hommel, D., Kurtz, E., Behr, T., Jakobs, A., Jobst, B., Scholl, S., Schull, K., Beyersdorfer, V., Landwehr, G., Cerva, H. Studies of blue-green laser structures with asymmetric and pseudomorphic ZnSe wave guides 72872
Hommel, D. *see* Einfeldt, S. 69944
Hommel, D. *see* Ruppert, P. 61288
Hommel, D. *see* Waag, A. 71284
Hommel, G. *see* Kelling, C. 96249
Hommerich, U. *see* Weiyi Jia 72570
Homnick, M., Fulford, K., Browne, S. Assessing the design and performance of a central hot ultrapure water system 60928
Homo, R., Scharwey, M. The human resource in quality management 60998
Hon, S.E., III., Hess, B.E. Winning in telecommunications with software TQM 74822
Hon Keung Kwan, Qiu Ping Li New nonlinear adaptive FIR digital filter for broadband noise cancellation 55347
Hon Kim Kyong *see* Kyong Hon Kim
Hon-Ming Mak, Yanagawa, H. High-extinction directional coupler switches by compensation and elimination methods 65841
Hon-Sum Wong Gate-current injection and surface impact ionization in MOSFET's with a gate induced virtual drain 62812
Hon-Sum Wong, Yuan Taur Three-dimensional "atomistic" simulation of discrete random dopant distribution effects in sub-0.1 μm MOSFET's 93439
Hon-Sum Wong *see* Selmi, L. 93416
Hon-Wai Chu, Tsang, D.H.K., Liming Liu Optimal bandwidth allocation of multiple VBR video sources with priorities 96093
Honaberger, D. *see* Kauppila, T. 71028
Honaberger, D.J. *see* Melton, J.G. 76714
Honarvar, V., Abiri, H., Rahnavard, M.H. Computer assisted determination of K_0-β diagram in the vane-type coaxial magnetron 62110
Honary, B., Darnell, M., Vongas, G. Adaptive coding for 2-200 MHz multiple-mechanism radio paths 94812
Honary, B., Edgar, J. Low complexity implementation of modified McEliece algorithms 65136
Honary, B., Hunt, B., Maundrell, M. Improving automatic link establishment through a new soft decision trellis decoder for the (24,12) Golay code 97028
Honary, B. *see* Ali, F. 51787
Honary, B. *see* Arani, F. 51338
Honary, B. *see* Clark, P.D.J. 96995
Honary, B. *see* Darnell, M. 97045
Honary, B. *see* Falah Ali 51790
Honary, B. *see* Fan, P.Z. 64552
Honary, B. *see* Gallagher, M. 96991
Honary, B. *see* Markarian, G. 97013
Honary, B. *see* Naderi, M. 51334
Honbo, K. *see* Ishibashi, Y. 58543
Honcharenko, W. *see* Bertoni, H.L. 86133
Hond, F.den *see* den Hond, F.
Honda, H. *see* Ishigaki, Y. 71826
Honda, H. *see* Nakata, J. 91408
Honda, H. *see* Ohbayashi, S. 92211
Honda, H. *see* Yamada, M. 52347
Honda, H. *see* Yamashita, H. 97663
Honda, K., Nakanishi, T. Influence of Ni impurities at the Si-SiO_2 interface on the metal-oxide-semiconductor characteristics 62319
Honda, K., Slater, S., Beauchemin, B., Jr., Toukhy, M., Tadros, S., Aoai, T., Kawabe, Y. Dissolution behavior of the chemically modified polyvinylphenol with introduced high-ortho structure 81657
Honda, K., Watanabe, H., Sakurada, H., Katsurashima, Y., Mishima, Y. A network system for the MELCOM80 series of small-business computers 52180
Honda, K. *see* Saiki, S. 75787
Honda, K. *see* Suzuki, T. 100242
Honda, K. *see* Yeh, T.-F. 81667
Honda, M. A model for impulsive EMI effects caused by low voltage ESD 64086
Honda, M. *see* Tanaka, A. 54539
Honda, M. *see* Uchino, T. 93337
Honda, M. *see* Yamada, K. 92299
Honda, N. High-frequency capacitors with organic semiconductive electrolyte (OS-CON) 70949
Honda, N., Ouchi, K., Iwasaki, S. Low-temperature sputter deposition of high-coercivity Co-Cr films for perpendicular recording 61374
Honda, S. Super thin backlight for liquid crystal displays 52999
Honda, S. Semiconductor elements serve detection functions in magnetic rotary sensors 75962
Honda, S., Nawate, M. Magnetization characteristics and Curie temperature of Y/Fe and Tb/Fe multilayers 82239
Honda, S., Tomita, Y., Nagashima, S. Analysis of the location technology of buried pipe lines 75956
Honda, S. *see* Komiyama, C. 98955
Honda, S. *see* Nakamura, J. 98086
Honda, S. *see* Nishi, T. 85668
Honda, S. *see* Tomita, Y. 69405
Honda, T. How to realize new generation of image input technology 76083
Honda, T., Kawai, K., Inoue, A. Overview of digital cellular mobile communication systems 52346
Honda, T., Matsumoto, H. Reflection-grating self-pumped phase conjugation with optical feedback free of input conditions 73064
Honda, T., Matsumoto, H. Reflection-grating self-pumped phase conjugation with $BaTiO_3$:Co and compensation for air turbulence 94641
Honda, T., Yanashima, K., Koyama, F., Kukimoto, H., Iga, K. Selective etching of GaAs for ZnSe based surface emitting lasers 49878
Honda, T., Yanashima, K., Yoshino, J., Kukimoto, H., Koyama, F., Iga, K. Fabrication of a ZnSe-based vertical Fabry-Perot cavity using SiO_2/TiO_2 multilayer reflectors and resonant emission characteristics 83048
Honda, T. *see* Kato, Y. 50730
Honda, T. *see* Tomita, T. 81169
Honda, T. *see* Yamaguchi, M. 73147
Honda, T. *see* Yamaguchi, M. 83345
Honda, Y., Inaba, N., Suzuki, M., Kikugawa, A., Futamoto, M. Magnetization structures of tracks recorded on longitudinal thin film medium 50303
Honda, Y., Suzuki, H., Tomiyama, F., Matsuyama, H., Inaba, N., Koike, K., Futamoto, M. Recorded magnetization structures and noise characteristics of CoCr alloy longitudinal thin-film media 72150
Honda, Y. *see* Futamoto, M. 71971
Honda, Y. *see* Goto, S. 67903
Honda, Y. *see* Hamabe, R. 85788
Honda, Y. *see* Kikukawa, A. 76161
Honda, Y. *see* Noguchi, K. 71933
Honderd, G. *see* Heydeman, J. 53707
Hone-Cheng Chen *see* Hsu, I. 76448
Honea, D.M., Stearns, S.D. Lossless waveform compression: a case study 95554
Honea, W.K. *see* Grimes, G.J. 94314
Honerla, J. Selection of optimum voltages for high voltage DC power transmission systems using underground cables 68192
Honerla, J. *see* Brakelmann, H. 68240
Honeybourne, C.L. *see* Shiers, V.P. 87220
Honeyman, P. *see* Bachmann, D. 74922
Honeyman, P. *see* Rubin, A.D. 74690
Honeywood, J.C. Energy efficient lighting in offices 54248
Hong, B.W.-P. *see* Chough, K.B. 56039
Hong, B.W.-P. *see* Chough, K.B. 93503
Hong, B.W.-P. *see* Song, J.-I. 55410
Hong, B.Z., Burrell, L.G. Nonlinear finite element simulation of thermoviscoplastic deformation of C4 solder joints in high density packaging under thermal cycling 91080
Hong, C.-O., Sul, S.-K. Analysis of shaft torsional vibration in inverter-fed induction motor drive systems 60533
Hong, C.Y. *see* Oh, Y.T. 81476
Hong, D., Aslam, M., Feldmann, M., Olinger, M. Simulations of fabricated field emitter structures 62082
Hong, D. *see* Chui, C.K. 69819
Hong, D.M. *see* Ried, R.P. 66087
Hong, G., Cin, P., St. Yield enhancement: photomask pellicles for use in flat panel display lithography 87380
Hong, G.-B., Fossum, J.G., Ugajin, M. A physical SiGe-base HBT model for circuit simulation and design 62713
Hong, H.W. *see* Assadian, M. 59719
Hong, J., Huang, W.-P., Makino, T., Pakulski, G. Static and dynamic characteristics of MQW DFB lasers with varying ridge width 94494
Hong, J., Ismail, E., Erickson, R., Khan, I. Design of the parallel resonant converter as a low harmonic rectifier 60356
Hong, J., Vetterli, M., Duhamel, P. Basefield transforms with the convolution property 48891
Hong, J., Yelland, C., Dunn, M.H., Sibbett, W., Sinclair, B.D. A diode-laser-bar pumped stable CW Nd:YAG slab laser and its frequency doubling 63735
Hong, J. *see* Kwon, S. 96857
Hong, J. *see* Natarajan, R. 69142
Hong, J. *see* Yelland, C. 72945
Hong, J.-W. *see* Shin, N.-F. 66343
Hong, J.H., Chang, T.Y. Adaptive RF notch filtering using photorefractive two-beam coupling 65759
Hong, J.P., Moon, C.W., Park, C.H., Lee, E.H., Song, I.H., Lee, J.W. High-temperature superconducting meander line resonators with $YBa_2Cu_3O_{7-\delta}$ films 72240
Hong, J.P. *see* Kneschke, T. 54218
Hong, J.S., Lancaster, M.J. Capacitively loaded microstrip loop resonator 80582
Hong, J.W., Bauer, M.A. Design and implementation of a generic distributed application management system 74859
Hong, J.W., Marshall, A.D., Bauer, M.A. X.500: more than a global directory 52104
Hong, J.W. *see* Bauer, M.A. 85645
Hong, K. *see* Marsh, P. 55414
Hong, L. Recursive temporal-spatial information fusion 73573
Hong, L. Optimal multiresolutional distribution filtering 73987
Hong, L. Multirate estimation 84547
Hong, L., Brzakovic, D. 3-D scene reconstruction from noisy image sequences using data fusion 74589
Hong, L., Scaggs, T. Real-time optimal multiresolutional sensor/data fusion 51537
Hong, L., Werthmann, J.R., Bierman, G.S., Wood, R.A. A multiresolutional approach to target tracking 57468
Hong, L.M. *see* Carlile, R.N. 71395
Hong, M., Choquette, K.D., Mannaerts, J.P., Grober, L.H., Freund, R.S., Vakhshoori, D., Chu, S.N.G., Luftman, H.S., Wetzel, R.C. In-situ process for AlGaAs compound semiconductor: materials science and device fabrication 81480
Hong, M., Vakhshoori, D., Grober, L.H., Mannaerts, J.P., Asom, M.T., Wynn, J.D., Thiel, F.A., Freund, R.S. Buried heterostructure laser diodes fabricated using in situ processing 56770

Hong, M., Vakhshoori, D., Mannaerts, J.P., Thiel, F.A., Wynn, J.D. In situ nonalloyed ohmic contacts to p-GaAs 55648
Hong, M. *see* Grober, L.H. 54838
Hong, M. *see* Passlack, M. 56091
Hong, M. *see* Schubert, E.F. 56511
Hong, M. *see* Vakhshoori, D. 72832
Hong, M. *see* Vakhshoori, D. 94515
Hong, M.Y., Chang, Y.H., Dienes, A., Heritage, J.P., Delfyett, P.J. Subpicosecond pulse amplification in semiconductor laser amplifiers: theory and experiment 63838
Hong, N. *see* Mehta, A. 54509
Hong, P. *see* Zhang, X.X. 63724
Hong, Q., Fei, B., Wu, H., Perkowski, M.A., Zhuang, N. Fast synthesis for ternary Reed-Muller expansion 49251
Hong, Q.H. *see* Lettington, A.H. 51708
Hong, Q.H. *see* Lettington, A.H. 66450
Hong, Q.Z. *see* Hong, S.Q. 49821
Hong, S., Kim, D., Jung, H., Won, J. Vector hysteresis model for unoriented magnetic materials 82252
Hong, S. *see* Chapman, J.W. 59148
Hong, S. *see* Garber, M. 82418
Hong, S. *see* Kobayashi, M. 89988
Hong, S.C. *see* Chough, K.B. 56039
Hong, S.C. *see* Chough, K.B. 93503
Hong, S.E. *see* Yoon, S.Y. 65613
Hong, S.K., Park, I.C., Hwang, S.H., Kyung, C.M. State assignment in finite state machines for minimal switching power consumption 49288
Hong, S.Q., Hong, Q.Z., Jian Li, Mayer, J.W. Interdiffusion and reaction in Cu/PtSi/Si(100) systems 49821
Hong, S.S. *see* Rogoff, R. 71516
Hong, T.M. *see* Kamel, M.S. 84829
Hong, U.S. *see* Lee, J.Y. 70903
Hong, W. *see* Cho, G. 59129
Hong, W. *see* Jiang, X.-H. 70856
Hong, W.-P. *see* Bhat, R. 71603
Hong, W.-P. *see* Jong-In Song 92555
Hong, W.-P. *see* Palmstrom, C.J. 61276
Hong, W.-P. *see* Song, J.-I. 49968
Hong, W.-S. *see* Kitsuno, Y. 55574
Hong, W.P. *see* Sugeng, B.R.A. 61929
Hong, W.S. *see* Drewery, J. 59104
Hong, W.S. *see* Gong, W.G. 88119
Hong, W.S. *see* Jing, T. 88408
Hong, W.S. *see* Mireshghi, A. 88120
Hong, W.S. *see* Mireshghi, A. 98587
Hong, Y. *see* Wurm, K. 81500
Hong, Y.-Y., Gau, C.-H. Voltage stability indicator for identification of the weakest bus/area in power systems 77897
Hong Bong Sik *see* Bong Sik Hong
Hong Cai *see* Cai Hong
Hong Chae Woo, Gibson, J.D. Low delay tree coding of speech at 8 kbit/s 64362
Hong Chan Hee *see* Chan Hee Hong
Hong Chang-Hee *see* Chang-Hee Hong
Hong Chen, Ping Yang, Yao, D.D. Control and scheduling in a two-station queueing network: optimal policies and heuristics 96205
Hong Chen, Tao Chen, Tianping Chen Efficient closed-form estimation of multivariate moving-average processes using higher order statistics 74209
Hong Chen Tsauh *see* Tsauh Hong Chen
Hong Cheng Yin, Wen Xun Zhang, Zhi He Xiao, Pei Kang Huang The two-point target technique for free-space permittivity measurements of lossy dielectrics 76157
Hong Chin-Ming *see* Chin-Ming Hong
Hong Chu, Dong Hwan Kim, Young Min Jhon, Sang Sam Choi, Obidin, A.Z., Dae Yoon Park Injection locking of a modified-unstable-resonator XeCl laser by using a line-narrowed hemiconfocal oscillator 82910
Hong Ding *see* Kission, P. 93527
Hong Fan *see* Barrom, S. 63220
Hong Feng *see* Feng Hong
Hong Fu, Sugaya, S., Mansuripur, M. Measuring distribution of the ellipsoid of birefringence through the thickness of optical disk substrates 82276
Hong Fu, Te-ho Wu, Mansuripur, M. Direct measurement of subnetwork exchange coupling constant for ferrimagnets 63209
Hong Gao *see* Yingwu Lian 56860
Hong Gu *see* Gu Hong
Hong Gye-Won *see* Gye-Won Hong
Hong Gyewon *see* Gyewon Hong
Hong Hahn Sung *see* Sung Hong Hahn
Hong Hawoong *see* Hawoong Hong
Hong Huang *see* Huang Hong
Hong Hyeon Seog *see* Hyeon Seog Hong
Hong HyunDae *see* HyunDae Hong
Hong Jae Pyo *see* Jae Pyo Hong
Hong Jae-Bum *see* Jae-Bum Hong
Hong Jen-Shin *see* Jen-Shin Hong
Hong Jeong Je *see* Je Hong Jeong
Hong Jiang On the orthogonality of residual polynomials of minimax polynomial preconditioning 54725
Hong Jiang *see* Jianxun Ding 96925
Hong Jiarong, Ding Mingfeng, Li Xingyuan A simulated annealing-based triangulation algorithm 91335
Hong Jiatian *see* Jiatian Hong
Hong Jin Kong *see* Chu Shik Kang 72478
Hong Jin Kong *see* Tai Hyun Yoon 83100
Hong Jin Pyo *see* Jin Pyo Hong
Hong Jin Woo *see* Jin Woo Hong
Hong Jing *see* Yuan Shifu 72479
Hong Jinpyo *see* Jinpyo Hong
Hong Jo Nam *see* Nam Hong Jo
Hong Joo Lim *see* Jae Ik Woo 81915
Hong Jyh-Wong *see* Jyh-Wong Hong
Hong Keun Lee, Camargo, E. A simple microwave frequency converter 80691
Hong Khoi Phan *see* Phan Hong Khoi
Hong Koo Kim, Cheng Chung Li, Xiao Ming Fang, Nykolak, G., Becker, P.C. Er-doped silicate glass films prepared by co-sputtering for optical amplifiers 72418
Hong Koo Kim, Kleemeier, W., Yabo Li, Langer, D.W., Cassidy, D.T., Bruce, D.M. Thin-film induced stress in GaAs ridge-waveguide structures integrated with sputter-deposited ZnO films 70098
Hong Kuo-Don *see* Kuo-Don Hong
Hong Kyu Chung, Rae-Hong Park Orientation and position detection of surface-mounted devices and printed circuit boards using the high-precision fuzzy Hough transform 70975
Hong Kyu Chung, Rae Hong Park Detection of orientation and position of the SMD and PCB 92776
Hong Kyu Chung *see* Young Kug Ham 74251
Hong Kyu Lee *see* Young Il Kang 76783
Hong Kyushik *see* Kyushik Hong
Hong Lang *see* Lang Hong
Hong Lee Ji *see* Ji Hong Lee
Hong Leeman *see* Leeman Hong
Hong Li *see* Khoo, I.C. 50947
Hong Li *see* Li Hong
Hong Lin, Donald, D.K., Sorin, W.V. Optimizing polarization states in a figure-8 laser using a nonreciprocal phase shifter 72766
Hong Linh Truong *see* le Boudec, J.-Y. 74952
Hong Liu Extension of virtual path concept for QOS guarantee 96797
Hong Liu, Fung-Yuel Chang, Wing, O. Transient analysis of VLSI interconnects with arbitrary initial distributions and nonlinear terminations 91762
Hong Liu, Hockney, D. Visualization in network topology optimization 52193
Hong Liu, Karellas, A., Harris, L.J., D'Orsi, C.J. Methods to calculate the lens efficiency in optically coupled CCD X-ray imaging systems 76959
Hong Liu, Karellas, A., Moore, S.C., Harris, L.J., D'Orsi, C.J. Lesion detectability considerations for an optically-coupled CCD X-ray imaging system 88433
Hong Liu, Kershenbaum, A., Van Slyke, R. Artificial intelligence applications to communication network design with bulk facilities 51952
Hong Liu Zhi *see* Zhi Hong Liu
Hong Ming Chen *see* Yao Huang Kao 83063
Hong Mu *see* Mu Hong
Hong Park Rae *see* Rae Hong Park
Hong Puh *see* Combettes, P.L. 48831
Hong Seok Min *see* Seok Min Hong
Hong Seung Ho *see* Seung Ho Hong
Hong Shen *see* Shen Hong
Hong Shi, Wing, O. A novel design approach of ATM switches for VLSI implementations 96903
Hong Shick Min *see* Kie Young Lee 81755
Hong Shon Nguyen *see* Nguyen Hong Shon
Hong Sik Keum *see* Yong Ro Kim 97092
Hong Song Cheol *see* Song Cheol Hong
Hong Soon-Ill *see* Soon-Ill Hong
Hong Sub Choi, Souguil Ann A robust Kalman estimator reducing the effect of the pitch impulses on the sequential speech parameter estimation 95283
Hong Sugwon *see* Sugwon Hong
Hong Sun Mog *see* Sun Mog Hong
Hong Sung Mo *see* Sung Mo Hong
Hong Tang Some new results on the constraint iterative image restoration 74541
Hong Tang A combined approach to enhancement of unknown blurred and noisy images 96117
Hong Tang *see* Tang Hong
Hong Tchang-Hee *see* Tchang-Hee Hong
Hong Tian *see* Woolard, D.L. 49940
Hong Tsao-Ming *see* Tsao-Ming Hong
Hong Tzy-Yan *see* Tzy-Yan Hong
Hong Ui Seok *see* Ui Seok Hong
Hong Va Leong, Agrawal, D., Agre, J.R. Using message semantics to reduce rollback in the time warp mechanism 74740
Hong Wang, Lujing Cai On adaptive spatial-temporal processing for airborne surveillance radar systems 77133
Hong Wang, Wicks, M., Yuhong Zhang Signal processing techniques for target detection performance improvements in existing airborne early warning radars 88687
Hong Wang, Xiongyan Tang, Peida Ye Variational approach to soliton propagation in long fibers with lumped amplifiers 86494
Hong Wang *see* Brown, R. 65927
Hong Wang *see* Lujing Cai 97378
Hong Wang Xia *see* Xia Hong Wang
Hong Wei, Han Liang Error analysis and accuracy improvement for the method of lines 61133
Hong Wei *see* Liu Kai 94779
Hong Wei *see* Wei Hong
Hong Wen-Min *see* Wen-Min Hong
Hong Wu Qi *see* Qi Hong Wu
Hong Xian, Benalloul, P., Barthou, C., Benoit, J. Excitation and radiative efficiencies in ZnS:Mn thin film electroluminescent devices prepared by reactive radio-frequency magnetron sputtering 94276
Hong Xian-long *see* Xian-long Hong
Hong Xiang Wang *see* Myoungsik Cha 94616
Hong Xiaoyin *see* Xiaoyin Hong
Hong Yan A comparison of multi-layer neural networks and optimized nearest neighbor classifiers for handwritten digit recognition 95937
Hong Yan *see* Ningyan Liu 64800
Hong Yan *see* Ningyan Liu 96115
Hong Yang Yee *see* Yee Hong Yang
Hong Yi, Wang Jiandong Current-mode Hopfield neural networks 61856
Hong Ying Wu *see* Xiao Ming Yuan 90180
Hong Ying-Yi *see* Ying-Yi Hong
Hong Yoon Kim, Kyoon Ha Lee A presentation agent for multilingual services 52012
Hong Young Jun *see* Young Jun Hong
Hong Young-Huei *see* Young-Huei Hong
Hong Zhang *see* Patil, R. 97927
Hong Zhao, Qiang Wang, Bhargava, V.K. Effect of multipath Rayleigh fading on time synchronization of non-coherent frequency hopping systems 97080
Hong Zhao, Qiang Wang, Bhargava, V.K. Design of a slow frequency hopped radio modem 97097
Hong Zhao, Wenyi Chen, Yushan Tan Phase-unwrapping algorithm for the measurement of three-dimensional object shapes 74447
Hong Zhao *see* Qiang Wang 95098
Hong Zhao *see* Zhao Hong
Hong Zhiliang *see* Zeng Xiaojun 98953
Hong Zhou, Deng, R.H., Tjhung, T.T. Performance of combined diversity reception and convolutional coding for QDPSK land mobile radio 75326
Hong-bae Lee, Hyun-Kyo Jung, Song-yop Hahn, Jin-Kyo Chung An inverse analysis for crack identification in eddy current NDT of tubes 80004
Hong-Chan Chang, Cheng-Chien Kuo Network reconfiguration in distribution systems using simulated annealing 78087
Hong-Dah Sheng, San-Qi Li Second order effect of binary sources on characteristics of queue and loss rate 51807
Hong-Dah Sheng, San-Qi Li Spectral analysis of packet loss rate at a statistical multiplexer for multimedia services 57944
Hong-Dah Sheng *see* San-qi Li 51809
Hong-Gee Fang *see* Kannan, L.N. 91702
Hong-Ju Moon, Hong-Seong Park, Duk-Woo Kim, Wook-Hyun Kwon Analysis of the IEEE 802.4 token-passing mechanism with noise 85833
Hong-Ku Shim *see* Kwang-Sup Lee 54994
Hong-Ming Lin, Huey-Yih Yang, Chi-Ming Hsu, Chih-Fu Yang, Pee-Yew Lee Nanocrystalline WO_3-based H_2S sensor 87325
Hong-Qing Xu *see* Ji-Nan Lin 48832
Hong-Seong Park *see* Hong-Ju Moon 85833
Hong-Sheng Yang *see* Yang Hong-Sheng
Hong-Shick Min *see* Jae-Gyung Ahn 81908
Hong-Shick Min *see* Woo-Sung Choi 62638
Hong-Shik Park *see* Chul-Kyu Kim 85906
Hong-Shin Jun, Sun-Young Hwang Design of a pipelined datapath synthesis system for digital signal processing 80357
Hong-Shuo Li *see* Bo-Ping Hu 82259
Hong-Shuo Li *see* Fu-Ming Yang 82247
Hong-Tao Sun, Liang-Ying Zhang, Xi Yao, Wlodarski, W. AT-cut quartz resonators for determination of viscoelastic and dielectric properties of water/glycerol 66249
Hong-Tao Sun *see* Shi-Mei Su 79980
Hong-Twu Chen, Kin-Lu Wong Analysis of probe-fed spherical-circular microstrip antennas using cavity-model theory 51235
Hong-Twu Chen, Kin-Lu Wong The RCS of a spherical-circular microstrip patch antenna 51239
Hong-Tzer Yang, Kuen-Yen Huang, Ching-Lien Huang An ANN based identification and control approach for field-oriented induction motor 60209
Hong-Tzer Yang, Kuen-Yen Huang, Ching-Lien Huang An artificial neural network based identification and control approach for the field-oriented induction motor 89993
Hong-Tzer Yang, Wen-Yeau Chang, Chi-Fung Chen, Ching-Lien Huang On-line power system fault estimation using connectionist models 60023
Hong-Xia Liu *see* Sjogren, L.B. 55425
Hong-Yan Jiang *see* Yun-Liang Long 57222
Hong-Yan Zhang *see* Xing-Zhu Zhang 100369
Hong-Yang Chao *see* Chao Hong-Yang
Hong-Yean Hsieh *see* Gray, C.T. 80287
Hong-Yi Huang, Chung-Yu Wu New design methodology and new differential logic circuits for the implementation of ternary logic systems

in CMOS VLSI without process modification 80239
Hong-Ying Zhai *see* Ke-Ming Wang 93134
Hong-Ying Zhang, Bao-Zong Yuan A multiresolution image matching algorithm for moving object detection by wavelets 95929
Hong-You Chen *see* Xiao-Hong Chen 79952
Hong-Young Chang *see* Sun-Kyu Song 70140
Hong-Yuan Fu *see* Fu Hong-Yuan
Hong-Yuan Mark Liao *see* Liang-Hua Chen 51698
Hong-Zi Jia *see* Tian-You Yuan 97921
Hongawa, K. *see* Kido, J. 56559
Hongbin Ding *see* Ding Hongbin
Hongbin Zhang *see* Zhang Hongbin
Hongbing Ji *see* Ji Hongbing
Hongbing Liu *see* Changxi Yang 63989
Hongbing Pu *see* Pu Hongbing
Hongbo Sun *see* Sun Hongbo
Hongcai Zhang *see* Zhang Hongcai
Hongchin Lin *see* Abramo, A. 81195
Hongcun Huang *see* Huang Hongcun
Hongfang Chen *see* Chen Hongfang
Hongfei Xi *see* Xi Hongfei
Honggang Hu *see* Trolier-McKinstry, S. 82110
Hongguang Liu *see* Songli Zhao 59743
Honggui Qin *see* Qin Honggui
Hongguo Li *see* Li Hongguo
Honghua Wang *see* Wang Honghua
Honghua Yang, Wong, D.F. Efficient network flow based min-cut balanced partitioning 91808
Honghua Yang, Wong, D.F. Edge-Map: optimal performance driven technology mapping for iterative LUT based FPGA designs 91815
Hongisto, O. *see* Kymalainen, O. 89521
HongJiang Zhang, Chien Yong Low, Yihong Gong, Smoliar, S.W. Video parsing using compressed data 64658
Hongjiang Zhang *see* Yihong Gong 64666
Hongjuan Ye *see* Ye Hongjuan
Hongjun Xu, Zhiqiang Luo, Qishan Zhang Modified token passing protocols of high speed data bus 85342
Hongke Zhang, Baozong Yuan Generalized threshold decomposition 95518
Hongki Sung *see* Louri, A. 50704
Hongki Sung *see* Louri, A. 94298
Hongkun Yin *see* Yin Hongkun
Hongli Wang *see* Wang Hongli
Hongliang Ma *see* Ma Hongliang
Honglin Zhao *see* Zhao Honglin
Hongmei Ai, Xinghun Yang, Dajun Lu A 6.6 kb/s CELP speech coder: high performance for GSM half-rate system 95334
Hongmei Zhou *see* Zhou Hongmei
Hongmin Shi *see* Shi Hongmin
Hongming An, Ke Wu, Bosisio, R.G. Radiation pattern prediction of the unidirectional dielectric radiator (UDR) 95002
Hongping Gu, Qihong Lou A combined laser system based on XeCl laser for wavelength diversity 56694
Hongpu Li *see* Mingcui Cao 56472
Hongpu Li *see* Li Hongpu
Hongqi Xu Scattering-matrix method for ballistic electron transport: theory and an application to quantum antidot arrays 93015
Hongren, Z. *see* Zhongliang, J. 64531
Hongren Zhou *see* Zhou Hongren
Hongshan Zhao *see* Zhao Hongshan
Hongsheng Xia *see* Xia Hongsheng
Hongsheng Yang *see* Yang Hongsheng
Hongshi Wu *see* Wu Hongshi
Hongsmatip, L. *see* Khabbaz, B. 86221
Hongtao Han *see* Dizon, R. 62473
Hongtao Han *see* Song-Sheng Tan 93250
Hongtao Liu *see* Liu Hongtao
Hongtao Shi *see* Shi Hongtao
Hongu, A. *see* Mori, M. 98241
Honguh, Y., Murakami, T. Multilevel run-length-limited modulation codes for optical disk recording system 82524
Hongwei Dai *see* Dai Hongwei
Hongwei Jiang *see* Jiang Hongwei
Hongwei Liu *see* Liu Hongwei
Hongwei Zhang *see* Jianzhong Hu 66516
Hongwei Zhu *see* Zhu Hongwei
Hongwen Cheng *see* Cheng Hongwen
Hongwen Ren *see* Xian'gang Xu 55627
Hongxi Xue, Yanan Zhang A test generation algorithm based on Boolean difference and cubical operations 80251
Hongxi Zhang, Chongquan Xu, Xuebin Shang, Liangsheng Qiang, Jingwen Zhang, Kebin Xu A real-time holographic associative memory using doped lithium niobate crystals 63349
Hongxi Zhang, Liangsheng Qiang, Chongquan Xu Holographic recording property of cerium doped bismuth silicon oxide monocrystals 64027
Hongxi Zhang *see* Zhang Hongxi
Hongxia Kang *see* Kang Hongxia
Hongxia Shen *see* Shen Hongxia
Hongxia Xia, Lefebvre, M.C., Vinke, D. Optimization-based placement algorithm for BiCMOS leaf cell generation 91976
Hongxiu Liu Beam symmetry preservation through a dipole with zero pole face rotations and uniform field 87894
Hongxiu Liu, Neil, G.R. Laser powered beam conditioner for free-electron lasers and synchrotrons 66924
Hongxiu Liu *see* Neil, G.R. 63886
Hongya Ge, Tufts, D.W., Kumaresan, R. Ambiguity resolution in sparse linear prediction 95541
Hongyan Jiang *see* Jiang Hongyan
Hongyan Sun, Wenlong Hu, Pinxing Lin, Shiyi Mao A study on an algorithm of multisensor data fusion 84545
Hongyan Wang *see* Wang Hongyan
Hongye Pan *see* Azimi-Sadjadi, M.R. 84843
Hongyi Sun Patterns of organizational changes and technological innovations 60844
Hongyu Ding *see* Antao Chen 56506
Hongyuan Shen *see* Shen Hongyuan
Hongyuan Wang *see* Wang Hongyuan
Hongyuan Zha *see* Guanghan Xu 95410
Hongze Qiu *see* Qiu Hongze
Hongzhang Wang *see* Wang Hongzhang
Hongzhu Qiao, Tsokos, C.P. Nonparametric approach to reliability analysis 79506
Honiball, H.R., Roux, F.S. Correlation peak degradation for out-of-plane rotation in an optical pattern recognition system 95662
Honig, G.W.N. *see* Brzozka, Z. 58665
Honig, K., Keller, H.-G., Kraft, P., Muller, R., Ziegler, U. PHAME: the concept and technology of the Philips ATM series 75138
Honig, K., Muller, R., Ziegler, U. The ATM Medium Adapter: transmission components for B-ISDN 75064
Honig, L.S. *see* Slater, J.D. 53432
Honig, M.L. *see* Anantharam, V. 75216
Honig, M.L. *see* Madhow, U. 65622
Honig, T. *see* Behrens, V. 61984
Honingh, C.E. *see* de Lange, G. 50411
Honingh, C.E. *see* de Lange, G. 55400
Honious, J.C. *see* Hobbs, B.F. 59763
Honjo, K. *see* Miyakawa, T. 75936
Honjo, S. *see* Krishfield, R. 99227
Honjoh, K. *see* Ikeda, K. 100308
Honkala, I. A lower bound on binary codes with covering radius one 73635
Honkala, I. On (q,1)-subnormal q-ary covering codes 73670
Honkanen, S., Tervonen, A., Najafi, S.I. Passive integrated optical components for PONs 86522
Honkanen, S. *see* Guangwen Zhang 65772
Honkanen, S. *see* Guangwen Zhang 82698
Honkanen, S. *see* Saarinen, J. 64017
Honkola, J. *see* Toivanen, J. 92688
Honle, H. Power Test Station TSAP: Complete testing of electronic power circuits 80084
Honma, A. The OPAL silicon strip microvertex detector upgrade to two coordinate readout 88020
Honma, A.K. *see* Allport, P.P. 76752
Honma, F., Murota, J., Goto, K., Maeda, T., Sawada, Y. Ultrashallow junction formation using low-temperature selective $Si_{1-x}Ge_x$ chemical vapor deposition 61243
Honma, H., Komuro, H., Ishii, M., Hojo, J.-I. Improvements of a magnetic direction-finder network in the Tohoku District 78196
Honma, H., Watanabe, H., Kobayashi, T. Direct nickel plating on aluminum substrate for microbump formation 70065
Honma, H. *see* Shidara, T. 68756
Honma, I. *see* Ching-Ju Wen 78826
Honma, I. *see* Watanabe, A. 70499
Honma, I. *see* Watanabe, H. 61719
Honma, K. *see* Niwano, M. 61335
Honma, K. *see* Shirasaki, S. 58082
Honma, M. *see* Amano, H. 60936
Honma, M. *see* Takebuchi, H. 90220
Honma, M. *see* Yoshimura, O. 61620
Honma, R. *see* Tadai, Y. 90224
Honma, S., Xiao Hu, Yorozu, T., Kawazoe, Y., Imazu, T., Ohta, N. Real-time simulation on thermomagnetic recording 50374
Honma, S. *see* Hu, X. 50608
Honma, T. *see* Igarashi, H. 83757
Honma, T. *see* Kawaguchi, H. 87635
Honma, T. *see* Matsuura, K. 72255
Honma, T. *see* Tsuchimoto, M. 56236
Honma, T. *see* Tsuchimoto, M. 90468
Honma, T. *see* Tsuchimoto, M. 93902
Honma, Y. *see* Sato, J. 49492
Honna, H. *see* Sato, K. 70160
Honore, M., Lenaerts, S., Desmet, J., Huyberechts, G., Roggen, J. Synthesis and characterization of tin dioxide powders for the realization of thick-film gas sensors 66559
Honore, M. *see* Huyberechts, G. 58674
Honore, M. *see* Huyberechts, G. 87327
Honore, M. *see* Lenaerts, S. 66540
Honore, P.F. *see* von Apeldoorn, G. 88116
Hons, A. *see* Perkes, G. 74262
Honsberg, C.B., Yun, F., Ebong, A., Taouk, M., Wenham, S.R., Green, M.A. 685 mV open-circuit voltage laser grooved silicon solar cell 100577
Honsberg, C.B. *see* Green, M.A. 100562
Honsberg, C.B. *see* Wenham, S.R. 100564
Honsberg, M. *see* Karstensen, H. 97362
Honsberg, M. *see* Zarschizky 94305
Honscheid, K. *see* Alexander, J.P. 59072
Honscheid, K. *see* Alexander, J.P. 70305
Honscheid, K. *see* Schwille, W.J. 76785
Honshima, M., Ohashi, K. High-energy NdFeB magnets and their applications 82254
Hontelez, J.A.M., Wijnmalen, D.J.D. A model for determining condition-based maintenance policies for deteriorating multi-component systems 79229
Honys, V., Sykora, L. Device protection against the harmful influence of power circuits 61504
Hood, C. *see* Parsons, B.K. 93985
Hood, L. *see* Hu, V. 88649
Hood, L.E., Kroll, Q.D., Jr., Adkins, A.A. Dynamic environment communications analysis testbed (DECAT) and its applications to Space Station Freedom 86302
Hood, L.E. *see* Adkins, A.A. 65725
Hood, R. *see* Wu, S. 77373
Hood, R.E. *see* Vivekanandan, J. 77375
Hood, S.J., Welch, P.D. Response surface methodology and its application in simulation 71267
Hoof, C.van *see* van Hoof, C.
Hoog, F.de *see* de Hoog, F.
Hoogduin, J.M. *see* Schooneveld, E.M. 88028
Hoogenboom, J.E. *see* Ciftcioglu, O. 64494
Hoogendoorn, A. Digital compact cassette 97728
Hoogestraat, G. *see* von Borstel, D. 68950
Hoogstraten, P.van *see* van Hoogstraten, P.
Hooijmans, P.W., Tomesen, M.T., Mols, P.P.G., Depovere, G.F.G., van Gils, R.A.J.C.M. Why FSK and CPFSK have identical linewidth requirements 86445
Hook, A., Karlsson, M. Soliton instabilities and pulse compression in minimum dispersion fibers 82536
Hooker, C.J. *see* Key, M.H. 50731
Hooker, C.J. *see* Lister, J.M.D. 63668
Hooker, C.J. *see* Osvay, K. 83280
Hooker, C.J. *see* Ross, I.N. 63669
Hooker, S.M., Webb, C.E. Progress in vacuum ultraviolet lasers 50790
Hoole, S.Ratnajeevan *see* Ratnajeevan Hoole, S.
Hoolmans, G. Statistical evaluations of protection tests in medium-voltage networks 78212
Hoon Ahn Jae *see* Jae Hoon Ahn
Hoon Chai Sang *see* Sang Hoon Chai
Hoon Choi, Kulkarni, V.G., Trivedi, K.S. Markov regenerative stochastic Petri nets 69707
Hoon Choi Chang *see* Chang Hoon Choi
Hoon Choi Sang *see* Sang Hoon Choi
Hoon Do Kyeong *see* Kyeong Hoon Do
Hoon Kim Doh *see* Doh Hoon Kim
Hoon Kim Jong *see* Jong Hoon Kim
Hoon Kim Seong *see* Seong Hoon Kim
Hoon Kwak Chong *see* Chong Hoon Kwak
Hoon Lee Chang *see* Chang Hoon Lee
Hoon Lee Yea *see* Yea Hoon Lee
Hoon Lee Yong *see* Yong Hoon Lee
Hoon Lim Chae *see* Chae Hoon Lim
Hoon Lim Yong *see* Yong Hoon Lim
Hoon Yang Sung *see* Sung Hoon Yang
Hoon Yoon Tae *see* Tae Hoon Yoon
Hoon Young Cho *see* Suk-Ki Min 100669
Hoop, A.T.de *see* de Hoop, A.T.
Hooper, B.A., Gauthier, D.J., Madey, J.M.J. Fourth-harmonic generation in a single lithium niobate-crystal with cascaded second-harmonic generation 94652
Hooper, E.B. *see* Allen, S.L. 63878
Hooper, E.B. *see* Lasnier, C.J. 63879
Hooper, W.W. *see* Ferro, R.J. 62669
Hoopes, P.J. *see* Trembly, B.S. 88531
Hoorfar, A. A closed-form SEM solution to the transient far-field response of a thin-wire antenna 73516
Hoose, L.Van *see* Van Hoose, L.
Hooshiari, A. Assignment of availability objectives to components of heterogenous distributed computer systems 85628
Hoover, C.W., Jr. *see* Bell, P.A. 66448
Hoover, K. *see* Pham, D. 92287
Hoover, M. Bandwidth bottlenecks: network managers get ready to switch 65257
Hoover, M. Design considerations for fiber storage cassettes for fiber-in-the-loop applications 86517
Hope, G.S. *see* Yijia Cao 89152
Hope, G.S. *see* Zhang, Y. 89148
Hope, S. Calibration: heart of flowmeter accuracy 58713
Hope, S. *see* Brady, G.P. 87251
Hoper, J., Funk, R.H.W. A combination of microendoscopy and spectrophotometry allowing real-time analysis of microcirculatory parameters during in vivo observations 76975
Hopermann, H. *see* Hillemann, T. 60106
Hopf, B., Wolff, I., Guglielmi, M. Coplanar MMIC active bandpass filters using negative resistance circuits 80829
Hopf, B., Wolff, I., Guglielmi, M. Coplanar MMIC active bandpass filters using negative resistance circuits 92590
Hopf, B. *see* Rittweger, M. 92598
Hopf, J. *see* Lindenmeier, H. 58319
Hopf, K., Runde, D., Bocker, M. Advanced videocommunications with stereoscopy and individual perspectives 96839
Hopf, R. *see* Qiang Huang 88321
Hopf, R. *see* Rodricks, B. 88048
Hopf, S., Warneke, T. Tools interact in design analyses 70223
Hopfel, R.A. *see* Rodrigues, R. 62180
Hopfner, C. *see* Ellmer, K. 91600

Hopfner, K.H. *see* Aoki, S. 53304
Hopgood, A.A. Vacancy-controlled model of degradation in InGaAs/AlGaAs/GaAs heterostructure lasers 83154
Hoping Zeng, Ting Luo, Jiran Zhao, Minghua Jiang, Sen Mao, Zhicong Meng, Fucheng Lin Self-mode-locking suppression with intracavity fullerenes 72963
Hopirtean, E., Mihalcioiu, F., Forizs, E., Kormos, F. Impedance spectroscopy on non-conventional conductivity cells 66717
Hopkin, V.D. Human factors implications of air traffic control automation 67743
Hopkins, K.D. *see* Lehmann, E.D. 53373
Hopkins, L.C. *see* Griffith, J.E. 62564
Hopkins, M. Is broadband affordable 48631
Hopkins, M.E. *see* Vine, E.L. 99591
Hopkins, P.F. *see* Allen, S.J. 71163
Hopkins, P.F. *see* Guimaraes, P.S.S. 49797
Hopkins, P.L. *see* Vianco, P.T. 79973
Hopkins, R. Choosing an American digital HDTV terrestrial broadcasting system 52702
Hopkins, R. Digital terrestrial HDTV for North America: the Grand Alliance HDTV system 86724
Hopkins, R. Digital terrestrial HDTV for North America—the Grand Alliance HDTV system 97657
Hopkins, R.H. *see* Gottlieb, M. 82756
Hopkinson, G.R. Radiation-induced dark current increases in CCDs 76064
Hopkinson, J.F. *see* Silver, M.D. 59239
Hopkinson, M., David, J.P.R., Kowalski, O.P., Mowbray, D.J., Skolnick, M.S. Growth and characterisation of high quality GaInP/AlGaInP quantum wells by solid-source molecular beam epitaxy 55642
Hopkinson, M. *see* David, J.P.R. 55639
Hopkinson, M. *see* David, J.P.R. 55890
Hopkinson, M. *see* Guy, P. 83114
Hopkinson, M. *see* Houston, P.A. 55921
Hopkinson, M. *see* Jiannong Wang 81307
Hopkinson, M. *see* Mowbray, D.J. 69981
Hopkinson, M. *see* Pabla, A.S. 94177
Hopman, H.J. *see* Heeren, R.M.A. 59052
Hopner, A. *see* Rechenberg, I. 83170
Hoppe, D. A comparison between associative correlation matrices and associative tensors with respect to optimal signal estimation 74063
Hoppe, D.J., Epp, L.W., Jin-Fa Lee A hybrid symmetric FEM/MOM formulation applied to scattering by inhomogeneous bodies of revolution 73305
Hoppe, H., DeRose, T., Duchamp, T., McDonald, J., Stuetzle, W. Mesh optimization 54801
Hoppe, M.J. *see* Faklis, D. 66629
Hoppe, T.C., Ward, D.T., Hopper, D.M., Hasrouni, P.N. Elimination of recurring main steam system pipe support maintenance issues 78305
Hoppel, K. *see* Lee, J.S. 77220
Hoppel, K.W. *see* Jong-Sen Lee 73970
Hoppel, K.W. *see* Jong-Sen Lee 88862
Hoppen, N. *see* de Oliveira, J.P.M. 85605
Hopper, A. Communications at the desktop 65216
Hopper, A. *see* Richardson, T. 85630
Hopper, A. *see* Wray, S. 58042
Hopper, D.G. Flat panel cockpit display requirements and specification 67674
Hopper, D.G., Dolezal, W.K., Schur, K., Liccione, J.W. Draft standard for color AMLCDs in US military aircraft 77161
Hopper, D.M. *see* Hoppe, T.C. 78305
Hopper, G.S. *see* Donovan, K.G. 79372
Hopper, R.D. *see* Connelly, M.C. 97616
Hopper, S.J. EMC upgrading, testing and improvising on existing products 51129
Hopper, T. Compression of gray-scale fingerprint images 57830
Hoppstadter, D., Netzelmann, U. Photothermally modulated stray field imaging of magnetic materials 76166
Hopson, M. *see* Banerjee, A. 100523
Hopwood, C. *see* Redman-White, W. 86693
Hoque, A., Ahsan, Q., Beattie, W.C. A comparison of wind, photovoltaic and thermal generation system for an isolated area in Bangladesh 100050
Hoque, A., Beattie, W.C., Ahsan, Q. Bangladesh: energy problems and prospects 99827
Hoque, A. *see* Ahsan, Q. 100044
Hoque, M. A model to determine coupled voltage at the ADSL receiver caused by ambient electric field on the drop wire of the customer premises 96948
Hora, J.L. *see* Hoffmann, W.F. 66422
Horak, R., Bertolotti, M., Sibilia, C. A linearized approach for diffraction-free propagation in a planar nonlinear waveguide 82660
Horak, R. *see* Garzia, F. 56382
Horak, T. *see* Francis, R.L. 81025
Horak, W., Krokisius, R., Wagner, G. Unbiassed qualification of passive fiber optic components 82606
Horan, D., Kustom, R., Ferguson, M., Primdahl, K. A 2-Megawatt load for testing high voltage DC power supplies 68749
Horan, D. *see* Cho, Y. 87949
Horan, D. *see* Nassiri, A. 98388
Horan, M.S. *see* Bendz, G.A. 79278
Horazak, D.A., White, J.S., Harbaugh, L., Bonk, D.L., Reed, M.E. Conceptual design and economics of coal and gas co-fired PFBC plants 89557
Horch, K. *see* Mirfakhraei, K. 53421
Horch, K.W. *see* McNaughton, T.G. 76987
Hordinsky, J.R. *see* Kizakevich, P.N. 77012
Hordubay, T.D. *see* Singh, S.K. 90055
Horemans, M.L. *see* Bosiers, J.T. 87283
Horenstein, M., Codrescu, M., Garvey, J., Johnson, J., Greenstein, M., Tan, C. A self-contained floating spherical probe for the measurement of volume electric fields 52833
Horenstein, M.M. Measuring surface charge with a noncontacting voltmeter 66673
Horenstein, M.N., Roberts, N. Peeling force for an electrostatically charged sheet on a grounded surface 64080
Horer, J. *see* Weich, K. 56889
Horgan, G., Glasbey, C. Digital ways to unwarp gels 74485
Horgan, G.W. Choosing weight functions for filtering SAR 88747
Horgan, M.W. Comparison of magnetic materials for flyback transformers 70288
Horger, J.D. NVSIM: UNIX-based thermal imaging system simulator 66435
Hori, A., Hirai, T., Tanaka, M., Nakaoka, H., Umimoto, H., Yasuhira, M. A 0.1 μm CMOS with a step channel profile formed by ultra high vacuum CVD and in-situ doped ions 93423
Hori, A., Hiroki, A., Segawa, M., Hori, T., Shinohara, A., Yasuhira, M., Akiyama, S. High carrier velocity and reliability of quarter-micron SPI (Self-aligned Pocket Implantation) MOSFETs 62836
Hori, A. *see* Kurimoto, K. 71564
Hori, J., Saitoh, Y., Kiryu, T. Improvement of the time-domain response of a thermodilution sensor by the natural observation system 67458
Hori, M., Kaji, N., Hashimoto, T., Nakahata, A., Sawada, T. Development of high reliability surface mount relay 92661
Hori, M. *see* Akune, H. 58565
Hori, M. *see* Suzuki, M. 89357
Hori, S. *see* Shimakura, Y. 59867
Hori, S. *see* Tani, T. 93720
Hori, T., Ohzone, T., Odake, Y., Hirase, J. A MOSFET with Si-implanted gate-SiO_2 insulator for nonvolatile memory applications 62817
Hori, T. *see* Fujii, T. 71786
Hori, T. *see* Gamo, Y. 60860
Hori, T. *see* Hirase, J. 50027
Hori, T. *see* Hori, A. 62836
Hori, T. *see* Ishida, M. 68659
Hori, T. *see* Ishida, M. 90176
Hori, T. *see* Kanai, H. 74072
Hori, T. *see* Kitano, N. 68878
Hori, T. *see* Kotani, H. 92223
Hori, T. *see* Kotani, H. 92236
Hori, T. *see* Nomura, K. 60157
Hori, T. *see* Ohzone, T. 62757
Hori, T. *see* Ohzone, T. 71638
Hori, T. *see* Ohzone, T. 81866
Hori, T. *see* Sawaki, N. 62292
Hori, T. *see* Suzuki, S. 67046
Hori, Y. High performance control of servomotors with low precision shaft encoder using instantaneous speed observer and adaptive identification of inertia moment 78664
Hori, Y., Kamei, H. High-performance control of a servomotor using a low precision shaft encoder—instantaneous speed observer and identification of the inertia moment 78663
Hori, Y. *see* Hattori, A. 79883
Hori, Y. *see* Iigusa, K. 57230
Hori, Y. *see* Ohnishi, K. 90490
Hori, Y. *see* Onda, K. 80686
Horianopoulos, S.L., Metafast, S.E., Goutisi, S., Deliyannis, T. A delta modulation FIR filter high level synthesis tool 49560
Horibata, S. *see* Sakai, Y. 50348
Horibe, A. *see* Ishigure, T. 72301
Horicke, M. *see* Asche, M. 62287
Horie, H. *see* Hanado, H. 77386
Horie, H. *see* Kobayashi, T. 77571
Horie, H. *see* Sugimoto, F. 71401
Horie, H. *see* Tanaka, T. 71698
Horie, H. *see* Tanaka, T. 93377
Horie, M., Fujiwara, N., Kokubo, M., Kondo, N. Spectroscopic thin film thickness measurement system for semiconductor industries 98305
Horie, T., Niho, T. Electromagnetic and mechanical interaction analysis of a thin shell structure vibrating in an electromagnetic field 83515
Horie, T. *see* Enta, Y. 61320
Horie, Y., Youssef, A.A.A., Miyazaki, T., Takeishi, T. Ultralow-frequency design of the Wien bridge oscillator using switched capacitors 80176
Horie, Y. *see* Mizuno, K. 53004
Horigami, O. *see* Kuriyama, T. 94009
Horigome, G. *see* Matsuzawa, H. 63330
Horigome, T. *see* Nagayoshi, H. 55753
Horiguchi, C. *see* Maekawa, H. 75991
Horiguchi, H. *see* Kimura, T. 71312
Horiguchi, K. *see* Yee, H.P. 91888
Horiguchi, M., Sakata, T., Itoh, K. Switched-source-impedance CMOS circuit for low standby subthreshold current giga-scale LSI's 71812
Horiguchi, M., Yoshino, K., Shimizu, M., Yamada, M., Hanafusa, H. Erbium-doped optical fiber amplifiers pumped in the 660-and 820-nm bands 63748
Horiguchi, M. *see* Hattori, K. 56410
Horiguchi, M. *see* Hattori, K. 72971
Horiguchi, M. *see* Kawahara, T. 61709
Horiguchi, M. *see* Kawahara, T. 71832
Horiguchi, M. *see* Kawahara, T. 80322
Horiguchi, M. *see* Oguma, M. 56704
Horiguchi, M. *see* Sakata, T. 70285
Horiguchi, M. *see* Sakata, T. 70549
Horiguchi, M. *see* Sakata, T. 80316
Horiguchi, M. *see* Takada, K. 65755
Horiguchi, M. *see* Takada, K. 82562
Horiguchi, M. *see* Takada, K. 96933
Horiguchi, M. *see* Takada, R. 82634
Horiguchi, M. *see* Yamada, M. 94410
Horiguchi, S., Arai, E. Development of 0.5 μm CMOS/BiCMOS full custom LSI technology 50107
Horiguchi, T. *see* Sato, T. 94061
Horiguchi, T. *see* Shimizu, K. 56886
Horiguchi, T. *see* Shimizu, K. 63418
Horii, H. *see* Komazaki, T. 80646
Horii, H. *see* Takahashi, K. 61616
Horii, I. Chip ceramic oscillator makers grapple with reducing size, maintaining functions 91944
Horii, N., Nozue, Y., Kimoto, T., Tsujimoto, T., Takayama, K., Takahashi, H. FDDI multiprotocol backbone LAN 85761
Horii, T., Kubota, T., Kurihara, I., Wakui, G. Determination of stator leakage reactance of small induction motor — search coil method considering current in rotor end rings 60223
Horiike, H. *see* Matsukawa, M. 90104
Horiike, Y. *see* Fukasawa, T. 55803
Horiike, Y. *see* Jiwari, N. 93210
Horiike, Y. *see* Koyanagi, M. 56585
Horiike, Y. *see* Shingubara, S. 81562
Horikawa, H. *see* Mamijoh, T. 63781
Horikawa, J. *see* Abeyratne, S.G. 68798
Horikawa, K. *see* Nakasuga, Y. 97272
Horikawa, K. *see* Ogawa, H. 86503
Horikawa, K. *see* Ogawa, H. 97270
Horikawa, K. *see* Okazaki, H. 92522
Horikawa, M. *see* Kuribayashi, K. 97957
Horikawa, O. *see* Sato, K. 90323
Horikawa, S. *see* Kanemaki, M. 85667
Horikawa, T., Mikami, N., Ito, H., Ohno, Y., Makita, T., Sato, K. $(Ba_{0.75}Sr_{0.25})$ TiO_3 films for 256 Mbit DRAM 49436
Horikawa, T. *see* Eimori, T. 92192
Horikawa, T. *see* Kuroiwa, T. 93710
Horikawa, T. *see* Nakajima, H. 72462
Horikawa, T. *see* Ohno, Y. 70487
Horikawa, Y. Non-monotonic firing rate of a coupled FitzHugh-Nagumo model 61848
Horikawa, Y., Tokita, S., Kanematsu, K. Effect of interstitial beryllium atoms for the magnetic properties of $R_2Fe_{17}Be$ 63166
Horikoshi, J. *see* Nakajima, T. 95440
Horikoshi, T. *see* Mori, T. 96059
Horikoshi, Y., Fahy, M.R., Kawashima, M., Furukawa, K., Fujino, M., Matsumoto, N. A new Si doping source for GaAs growth by molecular beam epitaxy 54868
Horikoshi, Y. *see* Saku, T. 93039
Horikoshi, Y. *see* Sano, E.T. 93129
Horikoshi, Y. *see* Yamada, T. 70054
Horikoshi, Y. *see* Yoshimura, O. 61620
Horikx, J.J.L. *see* Nuijs, A.M. 66631
Horima, H. *see* Sekito, T. 66392
Horinaka, H. *see* Susaki, M. 56507
Horine, B. *see* Almar, R. 93815
Horino, Y. *see* Kinomura, A. 49832
Horino, Y. *see* Shimatani, N. 71299
Horinouchi, S. *see* Kinoshita, T. 73121
Horio, H., Murakami, M., Chiba, Y., Inada, H. Clinical telecommunication network system for home monitoring 53485
Horio, K., Fuseya, Y. Two-dimensional simulations of drain-current transients in GaAs MESFET's with semi-insulating substrates compensated by deep levels 81945
Horio, Y. *see* Wasaki, H. 80524
Horisberger, R., Pitzl, D. A new amplifier and pipeline chip for silicon strip detector readout 67372
Horisberger, R. *see* Burger, J. 98570
Horisberger, R. *see* Gabathuler, K. 59070
Horisberger, R. *see* Michel, E. 88029
Horisberger, R. *see* Pitzl, D. 88027
Horishima, T. *see* Yatsuda, H. 71915
Horita, E., Miyanaga, Y., Tochinai, K. An adaptive method analyzing analytic speech signals 73776
Horita, E. *see* Miyanaga, Y. 64541
Horita, K. *see* Koh, M. 71682
Horita, K. *see* Koh, M. 91110
Horita, K. *see* Matsukawa, T. 61711
Horita, K. *see* Nonaka, S. 68565
Horita, K. *see* Nonaka, S. 68581
Horita, R. *see* Kimura, H. 70772
Horita, Y., Miyahara, M. Region segmentation coding of color images based on uniform HVC color space 57637

Horiuchi, K., Taniguchi, T. A zero-cross timing discriminator for pure CsI calorimeter 59192
Horiuchi, K. *see* Hara, K. 82557
Horiuchi, K. *see* Karahashi, K. 55817
Horiuchi, K. *see* Tanaka, H.-A. 80536
Horiuchi, M., Ohoyu, K. One-decade reduction of pn-junction leakage current using poly-Si interlayered SOI structures 93020
Horiuchi, S. *see* Kotsuka, Y. 98873
Horiuchi, T., Deguchi, K. Ultra-fine pattern fabrication by synchrotron radiation X-ray lithography using a shifter-edge type phase-shifting mask 62596
Horiuchi, T., Takeuchi, Y., Matsuo, S., Harada, K. Resolution enhancement by oblique illumination optical lithography using a pupil filter 93274
Horiuchi, T., Takeuchi, Y., Tamechika, E., Nimura, Y., Matsuo, S., Harada, K. Patterning characteristics of oblique illumination optical lithography 62594
Horiuchi, T., Toraichi, K., Yamamoto, K., Yamada, H. Extended relaxation matching method, that includes dynamic-programming matching method 84613
Horiuchi, T., Toraichi, K., Yamamoto, K., Yamada, H. Generalized optimization method for pattern recognition 85140
Horiuchi, T., Wakabayashi, H., Iskigami, T., Nakamura, H., Mogami, T., Kunio, T., Okumura, K. A new titanium salicide process (DIET) for sub-quarter micron CMOS 71421
Horiuchi, T., Wen Ma, Lim, C.C., Yoshimi, M., Hattori, K., Sada, C., Okamoto, H., Hamakawa, Y. High efficiency a-Si//poly-Si tandem solar cell 68998
Horiuchi, T. *see* Ma, W. 60454
Horiuchi, T. *see* Ma, W. 100529
Horiuchi, T. *see* Matsubara, Y. 71801
Horiuchi, T. *see* Nomura, M. 49485
Horiuchi, T. *see* Tomita, Y. 69405
Horlait, E. *see* Fedaoui, L. 85534
Horlait, E. *see* Gay, V. 96569
Horlait, E. *see* Santoso, H. 96376
Horlait, E. *see* Seneviratne, A. 74866
Horlall, E. *see* Tawbi, W. 74845
Horley, N. *see* Clark, P.D.J. 96995
Horlitz, G., Peterson, T., Trines, D. A 2 kelvin helium II distributed cooling system for the 2×250 GeV e^+e^- linear collider TESLA 93986
Horman, M. *see* Lopez, M. 59622
Hormann, P., Kruger, K.H., Unger, C. Investigations of the running up of large synchronous generators with starting frequency convertors 60107
Hormes, J. *see* Schmitt, W. 93147
Hormes, J. *see* Wollersheim, O. 81685
Horn, B.A.van den *see* van den Horn, B.A.
Horn, G.van der *see* van der Horn, G.
Horn, I.Van *see* Van Horn, I.
Horn, J., Nafpliotis, N., Goldberg, D.E. A niched Pareto genetic algorithm for multiobjective optimization 91315
Horn, J., Stehle, M., Bischoff, M., Pagnia, H., Hartnagel, H.L. Scanning tunneling induced luminescence studies of GaAs(100) surfaces after different surface treatments 81558
Horn, J. *see* Deb, K. 54714
Horn, K. *see* Mohles, R. 75886
Horn, K. *see* von Drachenfels, W.-G. 75926
Horn, M. *see* Braun, K. 86150
Horn, M.W. *see* Kunz, R.R. 73183
Horn, P. Design and analysis of linear networks: example of mains filter design 49132
Horn, R.D., Birdwell, J.D. Adaptive modulation of inverters for adjustable speed drives 90479
Horn-von Hoegen, M., Copel, M., Tsang, J.C., Reuter, M.C., Tromp, R.M. Surfactant-mediated growth of Ge on Si(111) 91504
Hornak, J.P. *see* Xing Li 53395
Hornak, L.A., Tewksbury, S.K. A generic VLSI platform for system-level optical interconnection insertion 79377
Hornak, L.A. *see* Tewksbury, S.K. 56583
Hornbach, B.H., Bielawski, W.J., Canniff, R.J., Stiling, P.A. 5ESS-2000 switch: the next generation switching system 58259
Hornbeck, E.S. *see* Deshpande, M.R. 62624
Hornbeck, L. *see* Tew, C. 98228
Hornbeck, L.J. Current status of the digital micromirror device (DMD) for projection television applications 97601
Hornby, A.M., Baker, H.J., Hall, D.R. Combined array/slab waveguide CO_2 lasers 56614
Horne, R.E.N. *see* Pritchard, A.J. 84838
Horneber, E.-H. *see* Thoie, M. 80078
Horneber, E.-H. *see* Voigt, B. 80218
Horner, G. *see* Arent, D.J. 56524
Horner, G.S. *see* Nelson, A.J. 69923
Horner, J. *see* Javidi, B. 51575
Horner, J.L., Javidi, B., Guanshen Zhang Analysis of method to eliminate undesired responses in a binary phase-only filter 72539
Horner, J.L. *see* Cohn, R.W. 84729
Horner, J.L. *see* Javidi, B. 74249
Horner, J.L. *see* Javidi, B. *(editor)* 60802
Horner, M., Leach, G., Peaty, S. Development and use of a method to commission a perimeter intrusion detection system to a performance standard 90881
Horner, R.A. *see* Tarasewicz, S.W. 63030
Hornfeldt, S., Albertsson, O., Bonmann, D., Konig, F. Power transformer with superconducting windings 60275
Horng, H.E. *see* Ku, L.C. 82357
Horng, H.E. *see* Yang, H.C. 56275
Horng Bor-Rong *see* Bor-Rong Horng
Horng Ji-Hwei *see* Ji-Hwei Horng
Horng Jorng-Tzong *see* Jorng-Tzong Horng
Horng Jyh Wu, Jin Guo, Ho Chung Lui, Hwee Boon Low Corpus-based speech and language research in the Institute of Systems Science 95297
Horng Nan Chern, Chung Len Lee, Tan Fu Lei Correlation of polysilicon thin-film transistor characteristics to defect states via thermal annealing 50008
Horng Nan Chern, Chung Len Lee, Tan Fu Lei The effects of fluorine passivation on polysilicon thin-film transistors 55982
Horng Nan Chern, Chung Len Lee, Tan Fu Lei Improvement of polysilicon oxide characteristics by fluorine incorporation 62314
Horng Tzyy-Sheng *see* Tzyy-Sheng Horng
Horng-Chih Lin, Hsiao-Yi Lin, Chun-Yen Chang, Tz-Gwei Jung, Wang, P.J., Ray-Chern Deng, Jandel Lin Effect of boron doping on the structural properties of polycrystalline silicon films grown at reduced pressures 81437
Horng-Chih Lin, Tze-Guei Jung, Hsiao-Yi Lin, Chun-Yen Chang, Chen, L.P. Fabrication of p-channel polycrystalline $Si_{1-x}Ge_x$ thin-film transistors by ultrahigh vacuum chemical vapor deposition 79942
Horng-Dar Chen *see* Chang-Cherng Wu 79893
Horng-Dar Chen *see* Janne-Wha Wu 69958
Horng-Dar Lin, Ran-Hong Yan, Yu, D. Improving CMOS speed at low supply voltages 91764
Horng-Dean Chen, Kin-Lu Wong Resonance frequency of a superstrate-loaded annular-ring microstrip structure on a spherical body 57209
Horng-Dean Chen, Kin-Lu Wong Full-wave analysis of input impedance and patch current distribution of spherical annular-ring microstrip antennas excited by a probe feed 73495
Horng-Dean Chen, Kin-Lu Wong Cross-polarization characteristics of spherical annular-ring microstrip antennas 95012
Horng-Fei Jyu, Malik, S. Statistical delay modeling in logic design and synthesis 92101
Horng-Jyh Lin, Atherton, D.P. An investigation of the SFIMM algorithm for tracking manoeuvring targets 74120
Horng-Sen Fu *see* Vook, D. 61908
Horng-Shing Lu *see* Yu Lo Cyrus Chang 91132
Horng-Shiong Chen, Indeck, R.S., Muller, M.W. Lead structures for thin film magnetic recording heads 82266
Horng-Show Koo, Tu, G.C., Tseung-Yuen Tseng Preparation and characterization of Tl-Ba-Ca-Cu-O superconducting films by spray pyrolysis and Tl-diffusion technique 70067
Horno, M. *see* Martel, J. 49672
Horno, M. *see* Masot, F. 80585
Horno, M. *see* Plaza, G. 83730
Hornsleth, S.N. *see* Berntsen, S. 73314
Hornstein, J. *see* Karins, J.P. 66489
Hornung, B. *see* Misra, V. 93217
Hornung, B. *see* Misra, V. 93430
Hornung, B. *see* Spanos, L. 93164
Hornung, J. *see* Wernicke, G. 56983
Hornung, M., Ruzzu, A., Schlager, H.G., Stupp, H., van Lohneysen, H. Metal-insulator transition in uncompensated Si:P in the presence of a magnetic field 92920
Hornung, R., Zorn, G., Neumuller, H.-W., Tomandl, G. First time in-situ investigation of 2223 formation measured on $(Bi,Pb)_2Sr_2Ca_2Cu_3O_{10+x}$ thick films on Ag tape prepared by the screen printing technique 82338
Hornung, S. *see* Dalgoutte, D.G. 86515
Horokawa, J. *see* Sakakibara, K. 64237
Horowitz, B. *see* Rasmussen, J. 89759
Horowitz, C.J., Meyer, H.O. Polarizing stored beams by interaction with polarized electrons 76391
Horowitz, E.R., Parlamas, S.P. Implementation challenges for PCS billing: tackling the technical and regulatory issues 85589
Horowitz, G. The organic field-effect transistors 71712
Horowitz, G., Deloffre, F., Garnier, F., Hajlaoui, R., Lang, P., Yassar, A., Alnot, P., Ries, S., Servet, B. Structure dependent properties of organic field-effect transistors 81983
Horowitz, G. *see* Garnier, F. 55582
Horowitz, I. *see* Orans, R. 89061
Horowitz, M., Daisy, R., Fischer, B., Zyskind, J. Narrow-linewidth, singlemode erbium-doped fibre laser with intracavity wave mixing in saturable absorber 50765
Horowitz, M., Daisy, R., Fischer, B., Zyskind, J.L. Linewidth-narrowing mechanism in lasers by nonlinear wave mixing 94591
Horowitz, M. *see* Kuskin, J. 49475
Horowitz, M. *see* Shtaif, M. 83306
Horowitz, M. *see* Sidiropoulos, S. 70431
Horowitz, S. *see* Johnson, L. 86685
Horowitz, Y.S., Hirning, C.R., Yuen, P.S., Aikens, M.S. Field measurements of beta ray energy spectra in CANDU nuclear generating stations 59425
Horrer, M. *see* Lapierre, M. 96493
Horrillo, M.C., Gutierrez, J., Ares, L., Robla, J.I., Sayago, I., Getino, J., Agapito, J.A. Hall effect measurements to calculate the conduction control in semiconductor films of SnO_2 66523
Horrocks, D.H. *see* Mivehchi, E. 63153
Horrocks, D.J. *see* Anders, G.J. 78761
Horrocks, D.J. *see* Braun, J.M. 89273
Horrocks, J.A., Speller, R.D. Helical computed tomography: where is the cut? 59370
Horrocks, J.C. *see* Dinges, W.L. 94337
Horsburgh, G. *see* Mullins, J.T. 71302
Horsburgh, G. *see* Wang, S.Y. 63487
Horsell, R.K. *see* Ghose, K. 50628
Horsman, A. *see* Blackband, S.J. 76904
Horspool, R.N., Windels, W.J. An LZ approach to ECG compression 77011
Horst, E.W.Ter *see* Ter Horst, E.W.
Horst, F., Hoekstra, T.H., Lambeck, P.V., Popma, T.J.A. Design of 1480-nm diode-pumped Er^{3+}-doped integrated optical amplifiers 50757
Horst, J.ter *see* ter Horst, J.
Horst, T.J.J.van der *see* van der Horst, T.J.J.
Horster, P., Michels, M., Petersen, H. Authenticated encryption schemes with low communication costs 73687
Horsthuis, W.H.G. *see* Lausen, H. 86024
Horstmann, E., Konn, B. Assessment of cardiac output during exercise: transthoracic impedance vs. heart rate alone 67564
Horstmann, G.A., Reinhardt, H.F. Micro-stereometry: a frameless computerized navigating system for open microsurgery 76950
Horstmann, M. *see* Marso, M. 58797
Horton, A. *see* Richards, S.H. 100907
Horton, D. *see* Karley, B. 70653
Horton, D. *see* Maryanski, M.J. 88614
Horton, L.L. *see* Wang, Z.L. 79935
Horton, M. Beyond nonlinear editing 97698
Horton, R. Linear design on a 3V diet 61574
Horton, W. *see* Hernandez, J.V. 59551
Horvai, G. *see* Kovacs, I.K. 66219
Horvat, B. *see* Imperl, B. 64535
Horvath, D., Aschenauer, E.C., Cauz, D., Chatellard, D., DeCecco, P., Eades, J., Egger, J.-P., Elsener, K., Eugster, P., Formisano, F., Gorini, G., Hauser, P., Kottmann, F., Krafcsik, I., Lagomarsino, V., Manuzio, G., Missimer, J., Poggiani, R., Simons, L.M., Testera, G., Torelli, G., Waldner, F. Deceleration of MeV antiprotons and muons to keV energies — the anticyclotron: a progress report 53123
Horvath, E. Official and operating personal dosimetry in Paks Nuclear Power Plant, Ltd 67641
Horvath, G., Deak, F. Hardware implementation of neural networks using FPGA elements 70810
Horvath, R. *see* Shah, S.M. 62981
Horvath, Z.F. *see* Peto, G. 71131
Horvath, Zs.J. Comment on "Current-voltage characteristics and interface state density of GaAs Schottky barrier" [Appl. Phys. Lett. 62, 2560 (1993)] 71208
Horvath-Szabo, G., Hoiland, H., Hogseth, E. An automated apparatus for ultrasound velocity measurements improving the pulse-echo-overlap method to a precision better than 0.5 ppm in liquids 59607
Horwitz, A., Graham, G., Kuwahara, R. The Canadian Maritime Coastal Defence Vessel (MCDV) and the integrated survey and inspection system 99400
Horwitz, F. *see* Thomson, J.E. 50714
Horwitz, J., Feldman, J., Reinhardt, N., Damrell, C.B. Remote absolute phase measurement in buried cable systems 89242
Horwitz, N. *see* David, G. 87983
Hosack, H.H. *see* Cohn, L. 93667
Hosain, S.I., de Fornel, F., Goudonnet, J.P. Characterization of single-mode graded-index fibers: a new method based on transverse offset splice loss 50455
Hosain, S.I. *see* Meunier, J.P. 82560
Hosaka, H., Kuwano, H., Yanagiswa, K. Electromagnetic microrelays: concepts and fundamental characteristics 55454
Hosaka, M. *see* Yoshida, T. 68507
Hosaka, S., Koyanagi, H. Field evaporation of metal atoms onto insulator/conducting substrate using atomic force microscope 93075
Hosaka, S., Koyanagi, H., Kikukawa, A., Maruyama, Y., Imura, R. Formation of nanometer-sized Au dots on Si substrate in air 61401
Hosaka, S. *see* Hasegawa, T. 69955
Hosaka, S. *see* Kikukawa, A. 76161
Hosaka, S. *see* Tanaka, Y. 85423
Hosaka, T. *see* Muto, S. 98042
Hosbein, P. *see* Wescehnfelder, K.D. 89451
Hosch, J. *see* Barna, G.G. 62351
Hoschl, P., Grill, R., Svoboda, J., Hlidek, P., Moravec, P., Franc, J., Belas, E. Bridgman growth of $Hg_{1-x}Cd_xTe$ from melt of constant composition 61236

Hosea, M.E., Shampine, L.F. Global extrapolation integrators for solving Sturm-Liouville problems by shooting 48841
Hosea, M.E., Shampine, L.F. Efficiency comparisons of methods for integrating ODEs 69864
Hoseini, S., Nakhai, M.R., Tabiani, M. Real-time implementation of the homomorphic vocoder 75126
Hosemann, G. *see* Eichhorn, K.F. 68306
Hoshi, A. *see* Miura, S. 82490
Hoshi, A. *see* Sawada, A. 98273
Hoshi, M., Mihara, T., Matsushita, T., Yao, K., Sato, F. A DMOSFET having a cell array field ring for improving avalanche capability 55976
Hoshi, M. *see* Endo, H. 98134
Hoshi, M. *see* Itoh, T. 73747
Hoshi, N., Kawamura, A. Analysis of plane ultrasonic piezoelectric actuators 68657
Hoshi, T., Matsui, S., Yano, M., Tanaka, T., Miyajima, S., Machida, T. A mobile pen-based computing system for cellular telephone networks 75255
Hoshi, T. *see* Yamada, H. 93257
Hoshi, Y., Higuchi, M., Oyama, K., Akaishi, H., Yuta, H., Abe, K., Hasegawa, K., Suekane, F., Nagamine, T., Kawamura, N., Neichi, K., Katayama, J., Nakajima, T., Masuda, K., Kikuchi, R., Miyano, K. Radiation damage to tetramethlysilane and tetramethlygermanium ionization chambers 88113
Hoshi, Y. *see* Masuda, K. 67337
Hoshi, Y. *see* Oyama, K. 98567
Hoshi, Y. *see* Sakamoto, M. 59077
Hoshi, Y. *see* Yamazaki, T. 55970
Hoshikawa, E. *see* Soga, O. 62004
Hoshikawa, K. *see* Kang, J. 61231
Hoshikawa, K. *see* Matsumoto, F. 54816
Hoshimiya, N. *see* Murakami, H. 67607
Hoshimura, Y., Yamamoto, S. Suppression of electrical treeing by addition of lithium carbonate to low-density polyethylene 89264
Hoshina, J. *see* Kidoguchi, I. 63861
Hoshina, J. *see* Mannoh, M. 63860
Hoshina, S. *see* Miyazawa, H. 50604
Hoshina, T. *see* Tokanai, F. 88064
Hoshina, T. *see* Yamanaka, Y. 97690
Hoshino, C. *see* Umezawa, A. 70562
Hoshino, H., Yotsuyanagi, T. Kinetic differentiation mode high-performance liquid chromatography as a powerful tool in environmental trace metal chemistry 99129
Hoshino, K. Markov properties of spontaneous blink intervals 67438
Hoshino, K., Koyama, K., Sugano, Y. Electromigration after stress-induced migration test in quarter-micron Al interconnects 62521
Hoshino, K. *see* Hiraoka, T. 67611
Hoshino, K. *see* Kikuchi, M. 82140
Hoshino, K. *see* Matsuoka, M. 79789
Hoshino, K. *see* Ohyama, T. 57125
Hoshino, M. *see* Sakuta, Y. 93801
Hoshino, N. *see* Harada, K. 62750
Hoshino, S. *see* Nakao, Y. 63062
Hoshino, T., Muta, I. Load test on superconducting transformer and fault current limiting devices for electric power system 90061
Hoshino, T., Muta, I., Itoh, T., Hayashi, K., Mukai, E. Preliminary study on a rotating armature type superconducting motor 89842
Hoshino, T. *see* Kobayashi, T. 55038
Hoshino, T. *see* Koga, S. 78995
Hoshino, T. *see* Muta, I. 60166
Hoshino, T. *see* Muta, I. 89790
Hoshino, T. *see* Naganuma, J. 49225
Hoshino, Y. *see* Itoh, Y. 66030
Hoshino, Y. *see* Lo, A.W.F. 64088
Hoshinoo, K. Applications of GPS for aviation 58507
Hoshinouchi, S. *see* Izuta, G. 92852
Hoshinouchi, S. *see* Murakami, K. 79309
Hosbizaki, H. *see* Suzuki, M. 56263
Hosier, R. The importance of cable selection for fire safety in buildings 49693
Hosking, F.M., Sorensen, N.R. Effects of simulated storage on the solder wettability of inhibited substrates 92715
Hosking, M. Microwaves 2: the laws of the microstrip 49619
Hosking, M. New wave microwaves 3: lumped components and waveguides 57198
Hosking, M. New wave microwaves 4: Active devices for millimetre waves 61905
Hosking, M. New wave microwaves 5: Oscillator and amplifier devices 80647
Hosking, M. New wave microwaves 80675
Hosking, M. New wave microwaves. 7: mixers and signal conversion 92537
Hosking, M. New wave microwaves. 8: High-T_c superconductor circuits 93923
Hoskins, P.R., McDicken, W.N. Techniques for the assessment of the imaging characteristics of intravascular ultrasound scanners 76926
Hoskote, Y.V., Moondanos, J., Abraham, J.A., Fussell, D.S. Abstraction of data path registers for multilevel verification of large circuits 49265
Hoskuldsson, A. The H-principle: new ideas, algorithms and methods in applied mathematics and statistics 54655
Hosny, A.N. *see* El-Sharkawy, M.A. 92460
Hosny, E.A. *see* Russer, P. 80657
Hosny, E.A. *see* Sobhy, M.I. 49123
Hosny, H.M. *see* El-Dessouki, T.A. 57023
Hosny, W.M., Abubakar, A. AC single phase induction motor tutor 100148
Hosoda, M. *see* Tominaga, K. 56427
Hosoda, M. *see* Tominaga, K. 73044
Hosogi, K. *see* Higashisaka, N. 75162
Hosoi, Y. *see* Tsubota, T. 56739
Hosokawa, K. *see* Matsunaga, M. 90370
Hosokawa, N. *see* Hase, T. 91553
Hosokawa, N. *see* Wickramanayaka, S. 70133
Hosokawa, S., Okamoto, J. A line spectrum representation of linear predictor coefficients 51540
Hosokawa, S. *see* Masuda, S. 60642
Hosokawa, T., Nakajima, M., Yamada, K., Kaneko, T., Kuroda, K., Itabashi, S. SOR sources and instruments 87639
Hosokawa, T. *see* Kurihara, Y. 79978
Hosokawa, T. *see* Nakajima, M. 87746
Hosokawa, T. *see* Okada, Y. 68627
Hosokawa, T. *see* Okada, Y. 78621
Hosoki, S. *see* Hasegawa, T. 69955
Hosoki, S. *see* Hasegawa, T. 81467
Hosomi, K. *see* Kondow, M. 70057
Hosomura, T., Jayasekera, C.W. Speckle filtering and texture analysis in SAR images 77683
Hosono, A. *see* Nonomura, Y. 69174
Hosono, F. *see* Nakajima, H. 72261
Hosono, F. *see* Nishi, M. 72260
Hosono, F. *see* Nishi, M. 93992
Hosono, F. *see* Takahashi, Y. 72219
Hosono, H. *see* Isono, T. 82466
Hosono, H. *see* Yanagawa, K. 71124
Hosono, I., Yamamura, N. More stable operation for induction motor control system by exciting current feedback 60230
Hosono, K. *see* Nakajima, M. 71464
Hosono, K. *see* Tanaka, S. 50234
Hosono, K. *see* Yoshioka, N. 93547
Hosono, S., Goto, N., Arai, H. A flat diversity antenna by disk loaded monopole and three notches 65660
Hosono, T. *see* Osawa, Y. 100391
Hosono, Y. *see* Mukaihara, K. 66052
Hosotani, K. *see* Komatsu, Y. 100445
Hosotani, S. *see* Ito, M. 92321
Hosotte, S. *see* Dumont, M. 56293
Hosoya, F. *see* Ushigome, M. 62029
Hosoya, M. *see* Norimatsu, S. 75415
Hosoya, M. *see* Usui, M. 83042
Hosoya, M. *see* Usui, M. 94543
Hosoya, T. *see* Miura, K. 50110
Hospodkova, A. *see* Hlinomaz, P. 62143
Hospotka, R. *see* Jarmuzek, M. 60381
Hossack, D.M., Reid, J., Sewell, J.I. Issues in the design of low oversampling ratio single bit sigma-delta modulators 49511
Hossack, J.A., Hayward, G. Efficient calculation of the acoustic radiation from transiently excited uniform and apodised rectangular apertures 97445
Hossain, A., Suyut, S. A new method of state machine controller design and implementation using programmable logic devices for industrial applications 68668
Hossain, M., Ghanta, S. Simulation of binary tree and pyramid architectures on optical reconfigurable array processors 72530
Hossain, M.M., Ahmed, J.U., Awwal, A.A.S. Efficient electronic implementation of modified signed-digit trinary carry free adder 55186
Hossain, R., Wronski, L.D., Albicki, A. Low power design using double edge triggered flip-flops 55219
Hossain, R., Zheng, M., Albicki, A. Reducing power dissipation in serially connected MOSFET circuits via transistor reordering 92058
Hossain, S. *see* Parker, M.R. 72194
Hossain, T.Z. *see* McGuire, S.C. 62205
Hossein, R. *see* Sandrasegaran, K. 90837
Hossein-Foucher, C. *see* Millaire, A. 67468
Hosseini, A.A., Beynon, J., Hogarth, C.A. A study of optical absorption in thin amorphous CeO_2-TeO_2 films 72537
Hosseini, K. In-circuit testing of integrated circuit modules, using the ChipScan strategy, based on parasitic transistors 82047
Hosseini, M. *see* Luk, T. 54546
Hosseinmostafa, R. *see* Drinkwater, M.R. 77422
Hosseinmostafa, R. *see* Tjuatja, S. 77522
Hossfeld, J., Tschudi, T., Dultz, W. Polarization multiplexer/demultiplexer based on polarizing computer-generated holograms 56964
Hostache, G. *see* Glises, R. 89999
Hoste, S. *see* Van Driessche, I. 63270
Hosticka, B. *see* Wittmann, R. 91747
Hosticka, B.J., Brockherde, W., Klinke, R., Kokozinski, R. Design methodology for analog monolithic circuits 61467
Hosticka, B.J. *see* Sprotte, A. 87065
Hosticka, B.J. *see* Timmermann, D. 55212
Hosur, S., Tewfik, A.H. Wavelet transform domain LMS algorithm 84311
Hosur, S. *see* Tewfik, A.H. 58469
Hosur, S. *see* Tewfik, A.H. 86543
Hotaling, S.P. Adapting military technology to civilian use: contamination removal and collection techniques 62456
Hotate, K., Kurakake, T. Manner to reduce the drift due to polarization fluctuation in a resonator fiber optic gyro composed of a single mode fiber 76039
Hotate, K., Okugawa, T. Optical information processing by synthesis of the coherence function 74479
Hotate, K., Tanaka, Y. Fiber Brillouin laser gyro composed of single-polarization single-mode fiber 76036
Hotate, K. *see* Chao-Xiang Shi 98038
Hotchandani, S. *see* Bedja, I. 63549
Hotchkiss, G. *see* Schmit, R.R. 100707
Hotovy, I., Srnanek, R., Buc, D. Effects of thermal annealing on the properties of niobium nitride thin films 79933
Hotta, H. *see* Gomyo, A. 61309
Hotta, H. *see* Momma, H. 99279
Hotta, K. *see* Kitamura, A. 99988
Hotta, M., Geshiro, M., Arashiba, T., Sawa, S. A design consideration for optical power dividers composed of three coupled waveguides 82625
Hotta, M. *see* Iimura, K. 75788
Hotta, M. *see* Keiko, M.-F. 80499
Hotta, M. *see* Ono, K. 49525
Hotta, N., Ichino, H., Sawada, H., Nagase, M. Intersatellite communications technology 97213
Hotta, T. *see* Murabayashi, F. 49486
Hotta, T. *see* Tanaka, S. 49489
Hotta, T. *see* Tanaka, S. 70666
Hotta, Y. *see* Takahashi, R. 82437
Hotter, M. Optimization and efficiency of an object-oriented analysis-synthesis coder 57720
Hotz, D.F., Zavala, S.A., Villagomez, R., Camacho, J. Sensitivity profile of the Storey-Purcell array 75912
Hou, A.S. *see* Ho, F. 50087
Hou, C.L. *see* DiVenere, A. 54853
Hou, C.Y. *see* Chen, C.Y.R. 50051
Hou, H.Q., Tu, C.W., Shan, W., Hwang, S.J., Song, J.J., Chu, S.N.G. Structural and optical characterizations of InAsP/InP strained multiple quantum wells grown on InP (111)B substrates 55598
Hou, H.Q. *see* Tu, C.W. 91518
Hou, K.M. *see* Belloum, A. 70660
Hou, K.M. *see* Meribout, M. 84881
Hou, L.D. *see* Teng, S.J.J. 81958
Hou, M. *see* Ahlers, R.-J. 79475
Hou, S. *see* Adam, A. 88102
Hou, S. *see* Adriani, O. 88023
Hou, S. *see* Martens, J. 93934
Hou, T.Y., Le Floch, P.G. Why nonconservative schemes converge to wrong solutions: error analysis 48829
Hou, V.T., Kant, K., Ramaswami, V., Wang, J.L. Error monitoring issues for common channel signaling 51825
Hou, W., Thalmann, R. Accurate measurement of the refractive index of air 76221
Hou, X., Kalogeropoulos, N.D., Lekkou, M.E., Niemegeers, I.G., Venieris, I.S. A methodological approach to BISDN signalling performance 65436
Hou, X.J. *see* Bai, J.Z. 53324
Hou, X.Y. *see* Cai, W.Z. 79851
Hou, X.Y. *see* Li, Z.S. 62496
Hou, Y. *see* Beaumont, S.P. 88037
Hou, Y. *see* Berwick, K. 88151
Hou, Y. *see* Fan, M. 76680
Hou Ann-San *see* Ann-San Hou
Hou Chun-Kan *see* Chun-Kan Hou
Hou Dongyan *see* Zhang Pengfei 81413
Hou Hanchang *see* Chen Anshi 87550
Hou Jeong Jean *see* Jean Hou Jeong
Hou Jingya *see* Jingya Hou
Hou Ting-Wei *see* Ting-Wei Hou
Hou Xuguang, Hu Nengzheng, Zhou Qinhai, Wu Yuewu, Xiong Xinyin Optimal model for the planning of interconnection between electric systems 77993
Hou Xun *see* Wang Shuicai 72770
Hou Yiming, Wang Xiwei Development of an intelligent controller based on IBM-PC 53616
Hou Yongtian *see* Gao Yuzhi 61365
Hou Zhengcheng *see* Luo Shiguo 99522
Houben, M. Cogeneration in partnership : the policy of Electrabel 99918
Houchi, H. *see* Takatsuka, Y. 89675
Houck, C.R. *see* Joines, J.A. 91324
Houck, J. *see* Molinar, G.F. 66740
Houck, J. *see* Molinar, G.F. 87126
Houck, J. *see* Weisenberger, A.G. 59136
Houck, J.R. *see* Hayward, T.L. 58790
Houck, R.G. Quality Inc. via dynamic resource supervision 88935
Houck, T.L. Design study of a microwave driver for a relativistic klystron two-beam accelerator 76630
Houck, T.L. *see* Westenskow, G.A. 76368
Houck, W.E. *see* Szmanda, C.R. 81636
Houde, M., Racine, R. Image restoration and photometric monitoring of the gravitational lens Q237+0305 57627
Houdoin, T., Bonjour, D. ATM and AAL layer issues concerning multimedia applications 74804
Houdre, R. *see* Jeanneret, B. 86853
Houdre, R. *see* Sallese, J.M. 71168
Houdt, J.Van *see* Van Houdt, J.

Hougen, D.R., Ahuja, N. Adaptive polynomial modelling of the reflectance map for shape estimation from stereo and shading 84714
Hough, D.M. *see* Levesley, J. 79735
Hough, J. *see* Rowan, S. 63914
Hough, R.M. *see* Bailey, S.R. 48607
Houghton, A.J.N., de Albuquerque, A. Optical technology development in the RACE programme: supporting the introduction of fibre for customer access connections in Europe 52545
Houghton, A.J.N., De Albuquerque, A. Advances in optical communications in the RACE programme 97299
Houghton, C.L. *see* McKinney, D.L. 55286
Houghton, D.C. *see* Navarro, H. 94253
Houghton, D.C. *see* Perovic, D.D. 81309
Houghton, D.C. *see* Voinigescu, S.P. 55664
Houghton, J.W. Harnessing convergence for development: Industrial policy and IT development in Australia 96322
Houghton, R. *see* Zeppenfeld, T. 84072
Houh, H. *see* Huang, A. 82779
Houh, H.H. *see* Adam, J.F. 74988
Houji, T. *see* Bisaka, Y. 96747
Houk, J.C. *see* Carter, R.R. 53440
Houlding, D., Vaisey, J. Low entropy image pyramids for efficient lossless coding and progressive transmission 64678
Houle, J.-L. *see* Thibeault, C. 61636
Houle, J.L. *see* Lavoie, M. 88955
Houlet, P. *see* Varani, L. 62155
Houlian Chen *see* Chen Houlian
Houlihan, F.M., Chin, E., Nalamasu, O., Kometani, J.M., Neenan, T.X., Pangborn, A. The synthesis, characterization and lithography of α-substituted 2-nitrobenzyl arylsulfonate photo-acid generators with improved resistance to post exposure bake 81624
Houlihan, F.M. *see* Schilling, M.L. 81628
Houliston, J. *see* Key, M.H. 50731
Houliston, J.R., Key, M.H., Ross, I.N. Modelling of saturated chirped pulse amplification and recompression 56616
Houliston, J.R. *see* Ross, I.N. 63669
Hoummady, M., Hauden, D. Acoustic wave thermal sensitivity: temperature sensors and temperature compensation in microsensors 87148
Hoummady, M., Hauden, D., Bigler, E., Bonjour, C. Thermal compensation of gravimetric sensors using shear horizontal acoustic plate modes on quartz 98323
Hoummady, M. *see* Hivert, B. 66562
Houng, Y.M., Tan, M.R.T., Liang, B.W., Wang, S.Y., Mars, D.E. In situ thickness monitoring and control for highly reproducible growth of distributed Bragg reflectors 54914
Houng, Y.M., Tan, M.R.T., Liang, B.W., Wang, S.Y., Mars, D.E. In-situ monitoring and control for the growth of highly reproducible VCSEL structures 56818
Houng, Y.M. *see* Badr, N. 72900
Houng Mau Phon *see* Mau Phon Houng
Houng Mau-Phon *see* Mau-Phon Houng
Houng-Chi Wei, Yeong-Her Wang, Mau-Phon Houng Electrical properties of a heterojunction bipolar transistor structure with a resistive gate 62690
Houng-Chi Wei, Yeong-Her Wang, Mau-Phon Houng N-shaped negative differential resistance in a transistor structure with a resistive gate 81817
Houng-June Chao *see* Gung-Huei Chou 89528
Houqiang Li, Zhengkai Liu, Weidong Sun A new approach to pattern recognition of remote sensing image using artificial neural network 77593
Hourai, M. *see* Miyano, T. 79767
Hourany, J., Lefevre, R., Billard, M., Benistant, F. High-speed GaAs IC driver for wavelength converter in ATM optical switching 52287
Hourigan, K. *see* Wu, J. 98360
House, A. *see* Deis, G. 87958
House, J.L. *see* Lu, K. 54856
House, J.L. *see* Lu, K. 61281
Houselander, P. *see* Grant, D. 80535
Houser, G.D., Garmire, E. Nonlinear absorption in (Cd,Zn)Se/ZnSe single quantum wells 73029
Houshmand, B. *see* Dow-Chih Niu 94917
Houshmand, B. *see* Tian-Wei Huang 80561
Houshmand, B. *see* Toland, B. 83852
Houssaye, P.R.de la *see* de la Houssaye, P.R.
Houston, B.H. *see* Christian, T.R. 98065
Houston, P. *see* Beaumont, S.P. 88037
Houston, P.A., Yang, Y.F., Johnson, M.R., Hopkinson, M. Magnetic field effects on InP/InGaAs quasiballistic heterojunction bipolar transistors 55921
Houston, R.J.F., Wickramasinghe, Y.A.B.D., Rolfe, P. Synchronisation of pulsed optical measuring equipment to avoid signal interference 67502
Houston, T. *see* Hsindao Lu 92233
Houston, T. *see* Hwang, J.M. 71806
Houston, T. *see* Hwang, J.M. 93643
Houten, H.Van *see* Van Houten, H.
Houten, J.M.van *see* van Houten, J.M.
Houtsma, A.J.M. *see* van der Par, S.L.J.D.E.V.D. 86648
Houtsmuller, A.B. *see* Worring, M. 57683
Houwelingen, D.van *see* van Houwelingen, D.
Houwen Wang *see* Wang Houwen
Houwman, E.P. *see* le Grand, J.B. 67410
Houwman, E.P. *see* Golubov, A.A. 67361
Houya, T., Kamata, H., Ishida, Y. Design of an adaptive FIR filter using symmetric neural networks 84576
Houzay, F. *see* Petit, E.J. 55795
Houze, F. *see* Boyer, L. 61987
Houzelle, S., Giraudon, G. Contribution to multisensor fusion formalization 74312
Houzhong Yen *see* Xiaohong Guan 77850
Hovander, B. *see* Borer, K. 76790
Hovander, B. *see* Larsson, S.A. 59361
Hovater, C. *see* Chao, Y. 67004
Hovater, C. *see* Merminga, L. 87873
Hovater, J.C. *see* Krafft, G.A. 76507
Hovde, D.C. *see* Silver, J.A. 59558
Hove, J.M.van *see* van Hove, J.M.
Hove, J.van *see* van Hove, J.
hove, L.Van de *see* Van de hove, L.
Hove, L.Van den *see* Van den Hove, L.
Hove, M.Van *see* Van Hove, M.
Hove, T.Van *see* Van Hove, T.
Hovel, H., Freeouf, J., Beyer, K., Sadana, D., Chu, S. Non-destructive characterization techniques for SOI substrates 93638
Hovel, H. *see* Shahidi, G.G. 71797
Hovel, H.J. Photoluminescence and photoreflectance scanning of silicon-on-insulator materials 93077
Hovel, H.J. *see* Davari, B. 93635
Hovel, H.J. *see* Sadana, D.K. 93637
Hovens, M. Integrated transmission management for hybrid networks 85515
Hovens, M., Yackinous, W. Bringing advanced operations management to the access network 85512
Hover, F.S., Grosenbaugh, M.A., Triantafyllou, M.S. Calculation of dynamic motions and tensions in towed underwater cables 88815
Hover, K.C., Johnson, G.L., Farrell, C.W. Quality assurance of concrete construction through the use of computers 75860
Hovinen, M. *see* Hua, G.C. 83103
Hovinen, M. *see* Salokatve, A. 72873
How, H., Fang, T., Vittoria, C. Intrinsic modes of radiation in ferrite patch antennas 73506
How, H., Ta-Ming Fang, Vittoria, C., Schmidt, R. Design of six-port stripline ferrite junction circulators 80572
How, H., Vittoria, C. Radiation modes in circular patch antennas 94951
How, H., Vittoria, C., Fang, T.-M. New formulation of dyadic Green's function applied to a microstrip line 73469
How, H. *see* Guan, D. 49627
How, H. *see* Jiang, H. 56243
How, H. *see* Seed, R.G. 55387
How, H. *see* Seed, R.G. 82386
How-Rern Lin, Ching-Lung Chou, Yu-Chin Hsu, Ting-Ting Hwang Cell height driven transistor sizing in a cell based module design 49326
Howald, L. *see* Meyer, E. 71069
Howald, R. A 24 GHz HEMT microstrip oscillator using linear and nonlinear CAD techniques 55422
Howald, R.L. Phase noise and BER. Part 5. Modeling the dynamics of PLL sources 55166
Howald, R.L. Phase noise and BER. 7. Analyzing phase power spectral density for noise power 61589
Howald, R.L. Phase noise and BER. 6. Isolating sources of phase errors 61603
Howald, R.L. Phase noise and BER. 8. Modeling phase noise in simple PLLs 70324
Howald, R.L. Modeling phase noise generated by coherent sources 75369
Howard, A. Higher manufacturing yields using DOE 61482
Howard, A.J., Ashby, C.I.H., Lott, J.A., Schneider, R.P., Corless, R.F. Electrochemical sulfur passivation of visible (~670 nm) AlGaInP lasers 94526
Howard, A.J., Fritz, I.J., Drummond, T.J., Olsen, J.A., Hammons, B.E., Kurtz, S.R., Brennan, T.M. Molecular beam epitaxy grown III-V strain relaxed buffer layers and superlattices characterized by atomic force microscopy 91487
Howard, A.J., Strange, W.P. Determination of $^{218}Po^{+}$ ionic neutralization rates in gases 94745
Howard, A.J. *see* Ashby, C.I.H. 49905
Howard, A.J. *see* Baca, A.G. 71734
Howard, A.J. *see* Blum, O. 54852
Howard, A.J. *see* Blum, O. 94193
Howard, A.J. *see* Fritz, I.J. 63544
Howard, A.J. *see* Sherwin, M.E. 71710
Howard, A.J. *see* Sherwin, M.E. 81953
Howard, A.J. *see* Zavadil, K.R. 93201
Howard, A.J. *see* Zolper, J.C. 71727
Howard, C.G., Bock, P. Multi-class classification and symbolic cognitive processing with ALISA 95683
Howard, C.M., Burnidge, J.A. Colors in natural landscapes 87370
Howard, D. *see* Calvert, J. 66819
Howard, D. *see* Celata, C.M. 87832
Howard, D. *see* Main, J.A. 93779
Howard, E. *see* Varker, C.J. 62692
Howard, E.M. *see* Lee, F. 62376
Howard, G.E. *see* Rawnsley, W.R. 98465
Howard, J. Horses for courses [radiofrequency transmission] 65749
Howard, J., Landgraf, H.-P. Quadrature sampling phase detection 66163
Howard, J. *see* Mason, T. 82283
Howard, J.K. *see* Hylton, T.L. 63198
Howard, J.K. *see* Parker, M.A. 71934
Howard, J.K. *see* Tsann Lin 82241
Howard, J.R. Buried capacitance: a cooperative success story 92813
Howard, J.W. *see* Chen, R. 76773
Howard, J.W., Jr. *see* Dussault, H. 71559
Howard, K.A. Postponement of packaging and product differentiation for lower logistics costs 79370
Howard, L., Bass, L. Structural modeling for flight simulators 53499
Howard, L.P., Smith, S.T. A metrological constant force stylus profiler 52809
Howard, L.P. *see* Smith, S.T. 53059
Howard, M.A. *see* Hankey, J. 52606
Howard, M.N., Soni, R.A., Jenkins, W.K. Two-dimensional transform domain adaptive filters based on one-dimensional orthogonal transforms 95565
Howard, N.J. *see* Allinson, N.M. 61751
Howard, P.G., Vitter, J.S. Arithmetic coding for data compression 64322
Howard, P.G., Vitter, J.S. Fast progressive lossless image compression 64679
Howard, P.G., Vitter, J.S. Design and analysis of fast text compression based on quasi-arithmetic coding 95161
Howard, R.E. *see* Gatenby, D.A. 48643
Howard, R.L. *see* Savitz, D.A. 67634
Howard, R.S., Zipse, D.W. Grounding/earthing electrode studies. 2 68314
Howard, T.J., Laverdure, J.P. Reliability and maintainability: a common ground for cooperation [aircraft] 88621
Howarth, J. *see* Cihlar, J. 88730
Howarth, P.J. *see* Gong, P. 77645
Howe, D. *see* Atallah, K. 56201
Howe, D. *see* Atallah, K. 68638
Howe, D. *see* Atallah, K. 78537
Howe, D. *see* Baholo, B. 68517
Howe, D. *see* Papadopoulos, G. 90342
Howe, D. *see* Smith, D.S. 51050
Howe, D. *see* Xia, Z.P. 54135
Howe, D.A., Percival, D.B. Wavelet analysis for synchronization and timekeeping 86908
Howe, J. *see* Brna, P. 79186
Howe, M. *see* Ramirez-Angulo, J. 92360
Howe, R.T. *see* Cho, Y.-H. 58727
Howe, R.T. *see* Judy, M.W. 58745
Howe, R.T. *see* Lin, L.-L. 58744
Howe, R.T. *see* Nguyen, C.T.-C. 63114
Howe, R.T. *see* Nguyen, C.T.-C. 91941
Howe, R.T. *see* Young-Ho Cho 66302
Howell, D., Woodyard, J., Wiseman, J., Clericus, R. Avionics wind tunnel laboratory interface development 59444
Howell, G. *see* Usher, E. 99986
Howell, J., Ming Shu, Wohlfarth, R. An object oriented application/programmer interface for network programming 51868
Howell, J. *see* Sheng, I.C. 67208
Howell, J. *see* Sheng, I.C. 67209
Howell, N. *see* Deis, G. 87958
Howell, N. *see* Heim, J. 88070
Howell, R.K. *see* Gill, E.W. 77540
Howell, R.W. *see* Goddu, S.M. 59407
Howell, T.D. *see* Mian, G. 50296
Howell, T.D. *see* Mian, G. 50330
Howells, M.R., Frank, K., Hussain, Z., Moler, E.J., Reich, T., Moller, D., Shirley, D.A. Toward a soft X-ray Fourier-transform spectrometer 88278
Hower, N. *see* Burnham, B. 76695
Hower, R.W. *see* Lee, K.S. 97896
Howes, K.J.P. DirecTv: creating a digital entertainment system 52672
Howitz, S. *see* Pham, M.T. 66222
Howland, B. *see* Wymer, S.A. 64058
Howland, J.W. Digital air/ground communications for air traffic control 52373
Howland, P.E., Walbridge, M.R. An HF skywave radar availability model 97414
Howles, L. Load factors: 1993 annual review 53870
Hoyano, A., Uchiyama, K., Kasai, Y. Study on a method for detecting delamination of walls by using thermal image in 5.5 to 7.9 μm band and numerical simulation for heat balance 77592
Hoydick, D. *see* Zhang, B. 72013
Hoyer, E., Akre, J., Chin, J., Gath, B., Humphries, D., Kincaid, B., Marks, S., Pipersky, P., Plate, D., Portmann, G., Schlueter, R., Hassenzahl, W.V. First undulators for the Advanced Light Source 67239
Hoyer, E., Chin, J., Hassenzahl, W.V. Flux shunts for undulators 63259
Hoyer, E. *see* Chun-Xi Wang 87737
Hoyer, E. *see* Humphries, D. 63254
Hoyer, E. *see* Humphries, D. 87788
Hoyer, E. *see* Marks, S. 67240
Hoyer, E. *see* Tanabe, J. 76683
Hoyer, M. Tracking harmful transients in vehicles 90622

Hoyle, B.S., Luke, S.P. Ultrasound in the process industries 66759
Hoyoung Kang *see* Hye-Keun Oh 71479
Hoyt, E. *see* Saez, P. 71024
Hoyt, E.W. *see* Clendenin, J.E. 76743
Hoyt, E.W. *see* Garden, C.L. 71026
Hoyt, E.W. *see* Tang, H. 71025
Hoyt, J.L. *see* Angell, M.J. 61370
Hoyt, J.L. *see* Emerson, R.M. 70047
Hoyt, J.L. *see* Welser, J. 62741
Hoyt, J.L. *see* Welser, J. 62855
Hoyt, J.L. *see* Welser, J. 93419
Hoyt, R.F. *see* Grochowski, E.G. 50365
Hozer, Z. *see* Gyori, C. 99874
Hozhabri, N., Bailey, J.B., Koymen, A.R., Sharma, S.C., Alavi, K. Correlation between arsenic precipitates and vacancy-type defects in low-temperature-grown GaAs 70060
Hozhabri, N., Sharma, S.C., Pathak, R.N., Alavi, K. Defects in molecular beam epitaxial GaAs grown at low temperatures 70001
Hozhabri, N., Sharma, S.C., Pathak, R.N., Alavi, K. Slow positron beam measurements on GaAs grown by molecular beam epitaxy at low temperatures 79800
Hozumi, C. *see* Fujita, K. 61940
Hozumi, T. *see* Hata, Y. 49254
Hrabar, S., Vuckovic, I. A simple RF broadband spectrum analyzer preamplifier 97844
Hrabcak, M. *see* Mihalik, M. 71986
Hrabcak, M. *see* Ziman, J. 72028
Hrdina, J., Jastrabik, L., Samukhin, A.N., Trepakov, V.A. Generation threshold in multilayer lasers 94550
Hrdlicka, J. Simultaneous production of electricity and heat—cogeneration plants of the CKD Horovice 60082
Hren, J.J. *see* Jiang Liu 62085
Hren, J.J. *see* Liu, J. 62051
Hribik, J. *see* Raffaj, V. 66093
Hribsek, M. *see* Krasnjuk, V. 97624
Hribsek, M.F. Electromechanical silicon beam filters 92345
Hrinko, W., Miller, R., Young, C., Shahrooz, B., Aktan, A.E. Understanding errors and accuracies in DCDTs and wire potentiometers for field testing applications 66600
Hristoforou, E., Reilly, R.E. Displacement sensors using soft magnetostrictive alloys 82297
Hristoforou, E., Reilly, R.E., Niarchos, D. Sensors based on eddy currents in a moving disk 52793
Hromcova, J., Donoval, D., Nagl, V., Racko, J. Computer aided analysis of varactor diodes 70943
Hromkovic, J., Jeschke, C.-D., Monien, B. Note on optimal gossiping in some weak-connected graphs 58126
Hromkovic, J., Klasing, R., Unger, W., Wagener, H., Pardubska, D. The complexity of systolic dissemination of information in interconnection networks 57928
Hronicek, R.A. California Research and Education Network 85468
Hrovat, M., Holc, J., Belavic, D., Soba, S. An evaluation of some commercial thick film resistor materials for strain gauges 66311
Hrovat, M., Holc, J., Kolar, D. Thick film ruthenium oxide/yttria-stabilized zirconia-based cathode material for solid oxide fuel cells 54150
Hrsan, D. *see* Bego, V. 66646
Hrubcin, L. *see* Besse, I. 76775
Hrubcin, L. *see* Dobrovodsky, J. 67291
Hruby, W. *see* Mosser, H. 88472
Hruska, C.D. *see* Day, R.-L. 48680
Hrustich, J. *see* Gaska, T. 88666
Hrycak, P. *see* Goutzoulis, A. 95030
Hrycyk, M. *see* Amidei, D. 98639
Hs, I.C., Tinge Hui Huang Design study of beam profile monitor of storage ring by using synchrotron radiation 76602
Hseih, M. *see* Temple Dennett, J. 60801
Hseih, Y.W. *see* Tarng, Y.S. 66313
Hseuh, F.L. *see* Lawler, W. 66465
Hshiba, K. *see* Iida, O. 98027
Hshieh, F.I. *see* Tsui, A.C. 55995
Hsi-Chieh Lee *see* Ercal, F. 88386
Hsi-Chuan Chen *see* Kwang-Ting Cheng 91987
Hsi-Chuan Chen *see* Li-Ren Liu 61480
Hsi-Chuan Chen *see* Shang-Zhi Sun 92044
Hsi-Chuan Chen *see* Siu Wing Cheng 61669
Hsi-Ho Liu *see* Becker, D.O. 79275
Hsia, J.S., Prieto-Cox, J.P. Representations of positive definite hermitian forms with approximation and primitive properties 54684
Hsia, P., Samuel, J., Gao, J., Kung, D., Toyoshima, Y., Chen, C. Formal approach to scenario analysis 52274
Hsia, S.L., Tan, T.Y., Smith, P.L., McGuire, G.E. Assured epitaxial $CoSi_2$ phase formation on (001) Si-on-insulator substrates using CoSi/Ti bimetallic source materials 71422
Hsia Peng-Wie *see* Peng-Wie Hsia
Hsia Shih-Chang *see* Shih-Chang Hsia
Hsiang, T.Y. *see* Alexandrou, S. 70821
Hsiang, T.Y. *see* Alexandrou, S. 72587
Hsiang, T.Y. *see* Chia-Chi Wang 72584
Hsiang, T.Y. *see* Chia-Chi Wang 72601
Hsiang, T.Y. *see* Chia-Chi Wang 94178
Hsiang-Jui Wu, Yao-Tsung Tseng, Ying-Yu Tzou Application of H_∞ control theory to servo controller design for AC induction motor drives 90545
Hsiang-Lin Yu *see* Tsair Kao 77020
Hsiao, J.C. *see* Chang, P. 86961
Hsiao, J.Y., Tang, C.Y., Chang, R.S., Lee, R.C.T. Single step searching in weighted block graphs 91327
Hsiao, P.-Y. *see* Chang, R.-I. 55092
Hsiao, P.-Y. *see* Chang, R.-I. 70254
Hsiao Chia-Hung *see* Chia-Hung Hsiao
Hsiao Jue-Hsuan *see* Jue-Hsuan Hsiao
Hsiao Pei-Yang *see* Pei-Yang Hsiao
Hsiao Pei-Yung *see* Pei-Yung Hsiao
Hsiao Shuo-Hsien *see* Shuo-Hsien Hsiao
Hsiao Ying-Tung *see* Ying-Tung Hsiao
Hsiao-Chuan Wang *see* Eng-Fong Huang 64370
Hsiao-Chuan Wang *see* Eng-Fong Huang 64371
Hsiao-Chuan Wang *see* Lee-Min Lee 95312
Hsiao-Chuan Wang *see* Ming-Shih Chen 65201
Hsiao-Cruan Wang, Hsiao-Fen Pai Recognition of Mandarin syllables based on the distribution of two-dimensional cepstral coefficients 64396
Hsiao-Dong Chiang, Jin-Cheng Wang, Jianzhong Tong, Darling, G. Optimal capacitor placement, replacement and control in large-scale unbalanced distribution systems: system modeling and a new formulation 89237
Hsiao-Dong Chiang, Jin-Cheng Wang, Jianzhong Tong, Darling, G. Optimal capacitor placement, replacement and control in large-scale unbalanced distribution systems: system solution algorithms and numerical studies 89238
Hsiao-Dong Chiang, Wu, F.F., Varaiya, P.P. A BCU method for direct analysis of power system transient stability 77888
Hsiao-Dong Chiang *see* Chiang-Tsung Huang 78582
Hsiao-Dong Chiang *see* Chih-Wen Liu 88942
Hsiao-Dong Chiang *see* Chu, R.F. 78089
Hsiao-Dong Chiang *see* Jin-Cheng Wang 78583
Hsiao-Dong Chiang *see* Jin-Cheng Wang 89012
Hsiao-Dong Chiang *see* Ying-Tung Hsiao 53714
Hsiao-Dong Chiang *see* Ying-Tung Hsiao 78031
Hsiao-Fen Pai *see* Hsiao-Cruan Wang 64396
Hsiao-Hua Hsu *see* Olsher, R.H. 99021
Hsiao-Hua Liu *see* Yuh-Fwu Chou 50782
Hsiao-Hua Wu, Chi-Luen Wang, Gong-Ru Lin, Chang, C.-S., Ci-Ling Pan Optoelectronic phase-tracking and waveform display of microwave signals up to 8 GHz using gain-switched laser diodes 56796
Hsiao-Hua Wu *see* Ci-Ling Pan 52604
Hsiao-Jing Chen, Shirai, Y. Detecting multiple image motions by exploiting temporal coherence of apparent motion 84699
Hsiao-Jing Chen, Shirai, Y. Segmentation based on accumulative observation of apparent motion in long image sequences 84853
Hsiao-Kun Tu, Goldgof, D.B. Spatial-temporal edge detection for 3-D temporal cardiac image analysis 74474
Hsiao-Peng Wuu *see* Erl-Huei Lu 55191
Hsiao-Peng Wuu *see* Erl-Huei Lu 73672
Hsiao-ping Juan, Chaiyakul, V., Gajski, D.D. Condition graphs for high-quality behavioral synthesis 91818
Hsiao-Yi Lin *see* Horng-Chih Lin 79942
Hsiao-Yi Lin *see* Horng-Chih Lin 81437
Hsieh, C. *see* Bruegge, C.J. 63539
Hsieh, C.-H. *see* Kuo, C.-M. 74559
Hsieh, C.J. *see* Crowder, S.W. 62408
Hsieh, C.J. *see* Crowder, S.W. 81376
Hsieh, C.K. *see* Chia, T. 63464
Hsieh, C.M. *see* Feijoo, D. 93081
Hsieh, D., Feipei Lai Design and test of memory management unit and cache controller chip 80331
Hsieh, H. *see* Whitham, K. 67009
Hsieh, H.K. Average type-II censoring times for the 2-parameter Weibull distribution 61016
Hsieh, I.J., Feng, M.S., Kuo, K.T., Lin, P. Growth of $ZnGa_2O_4$ phosphor by radio frequency magnetron sputtering 61337
Hsieh, J.C., Fang, Y.K., Chen, C.W., Tsai, N.S., Lin, M.S., Tseng, F.C. The anomalous threshold voltage shift of N- and P-MOSFET under flow and reflow of BPSG film with RTA and/or furnace 50007
Hsieh, J.C., Fang, Y.K., Chen, C.W., Tsai, N.S., Lin, M.S., Tseng, F.C. The origins of the performance degradation of implanted p^+ polysilicon gated p-channel MOSFET with/without rapid thermal annealing 55981
Hsieh, J.C. *see* Chen, C.W. 81572
Hsieh, K.C. *see* Chelakara, R.V. 83040
Hsieh, K.C. *see* Cheng, K.Y. 63862
Hsieh, K.C. *see* Gardner, N.F. 70010
Hsieh, L.S.L., Wood, S.L. Performance analysis of time domain block LMS algorithm 84316
Hsieh, M.Y. *see* Feng, W.S. 70232
Hsieh, S.-C. *see* Huang, G.M. 59851
Hsieh, S.-C. *see* Huang, G.M. 68103
Hsieh, S.W., Chang, C.Y., Lee, Y.S., Lin, C.W., Hsu, S.C. Properties of plasma-enhanced chemical-vapor-deposited a-SiN_x:H by various dilution gases 93063
Hsieh, Y.F. *see* Tsui, B.Y. 62403
Hsieh Chaur-Heh *see* Chaur-Heh Hsieh
Hsieh Chen-Huei, Huang Yue-Wei, Wu Menq-Jiun Automatic concentricity measurement by image processing 98306
Hsieh Guan-Chyun *see* Guan-Chyun Hsieh
Hsieh Hong-Yean *see* Hong-Yean Hsieh
Hsieh Hsien-Fen *see* Hsien-Fen Hsieh
Hsieh Huey-Lin *see* Huey-Lin Hsieh
Hsieh Kuang-Chien *see* Kuang-Chien Hsieh
Hsieh Ming-Chia *see* Ming-Chia Hsieh
Hsieh Rong-Chang *see* Rong-Chang Hsieh
Hsieh Shu-Ta *see* Shu-Ta Hsieh
Hsieh Tai-Chiung *see* Tai-Chiung Hsieh
Hsieh Wen-Feng *see* Wen-Feng Hsieh
Hsieh Yu-Hung *see* Yu-Hung Hsieh
Hsien Chang Pi *see* Pi Hsien Chang
Hsien-Chang Chang, Song-Sheng Hsiung, Tzong-Jih Sheu Development of biosensor based on direct electron transfer between enzyme and electrode 98138
Hsien-Chi Yeh *see* Wei-Tou Ni 86822
Hsien-Chin Liou Practical considerations for multimedia courseware development: an EFL IVD experience 86780
Hsien-Chung Wei, Yung-Ching Chang, Jia-Shang Wang A Kohonen-based structured codebook design for image compression 85199
Hsien-Fen Hsieh *see* Wei-Tou Ni 86822
Hsien-Sen Hung *see* Bilgen, M. 74325
Hsien-Sen Hung *see* Bilgen, M. 80525
Hsien-Wen Ko *see* Chia-Fu Chen 69932
Hsin-Chieh Chen *see* Lewis, E.E. 91134
Hsin-Chin Chang, Zaki, K.A. Modeling of dielectric objects in rectangular waveguides and cavities 83788
Hsin-Huei Wu *see* Chung-Ju Chang 85847
Hsin-Min Wang *see* Lin-Shan Lee 95300
Hsin-Yuan Chen *see* Ming-Seng Kao 97346
Hsindao Lu, Yee, E., Hite, L., Houston, T., Yea-Dean Sheu, Rajgopal, R., Shen, C.C., Jeong-Mo Hwang, Pollack, G. A 1-M bit SRAM on SIMOX material 92233
Hsing Lu Neng *see* Neng Hsing Lu
Hsing Yu *see* Yu Hsing
Hsing-Chung Yeh *see* Shih-Liang Jung 90177
Hsing-Chung Yeh *see* Shih-Liang Jung 100291
Hsing-Huang Tseng, Tobin, P.J. Thin CVD stacked gate dielectric for ULSI technology 93541
Hsing-Hung Kuo *see* Liang-Wei Lee 84897
Hsing-Jen Wann, Chenming Hu A capacitorless DRAM cell on SOI substrate 92193
Hsing-Jen Wann, King, J., Jian Chen, Ko, P.K., Chenming Hu Hot-carrier currents of SOI MOSFETs 93468
Hsing-jen Wann, Ko, P.K., Chenming Hu Gate-induced band-to-band tunneling leakage current in LDD MOSFETs 62811
Hsing-Jen Wann, Parke, S.A., Ko, P.K., Chenming Hu Suppressing flash EEPROM erase leakage with negative gate bias and LDD erase junction 70496
Hsio Lin Lee *see* Samudra, G.S. 82036
Hsiu, L., Goldman, M., Carlsten, R., Witulski, A.F., Kerwin, W. Characterization and comparison of noise generation for quasi-resonant and pulsewidth-modulated converters 100213
Hsiung, H. *see* Marowsky, G. 63966
Hsiung Chen Chun *see* Chun Hsiung Chen
Hsiung Song-Sheng *see* Song-Sheng Hsiung
Hsu, A. *see* Arman, F. 58578
Hsu, A. *see* Bin Guo 97008
Hsu, C. *see* Taur, Y. 62851
Hsu, C.-H., Kuo, C.-C.J. Image compression using multiresolution morphological decomposition 85108
Hsu, C.C., Lu, Y.C., Xu, J.B., Wong, T.K.S., Wilson, I.H. Spiral growth of GaAs by metalorganic vapor phase epitaxy 70122
Hsu, C.C., Reed, I.S., Truong, T.K. Use of the RS decoder as an RS encoder for two-way digital communications and storage systems 57714
Hsu, C.C., Reed, I.S., Truong, T.K. Error correction capabilities of binary mapped Reed-Solomon codes with parity bits appended to all symbols 83923
Hsu, C.C., Shin, R.T., Kong, J.A., Beaudoin, A., Le Toan, T. Application of theoretical model for microwave remote sensing of forest 77712
Hsu, C.C., Xu, J.B., Wilson, I.H. Growth mechanism of GaAs by metalorganic vapor phase epitaxy 48924
Hsu, C.C., Xu, J.B., Wilson, I.H. Spiral growth of InP by metalorganic vapor phase epitaxy 79814
Hsu, C.C., Xu, J.B., Wilson, I.H., Andersson, T.G., Thordson, J.V. Spiral growth of GaAs by molecular beam epitaxy 79856
Hsu, C.C. *see* Jin, G. 79920
Hsu, C.C. *see* Szu, H.H. 74460
Hsu, C.C. *see* Wang, C.R.C. 83244
Hsu, C.C. *see* Yang, Y.F. 55916
Hsu, C.C. *see* Yang, Y.F. 93509
Hsu, C.C.-H., Duen-Shun Wen, Wordeman, M.R., Yuan Taur, Ning, T.H. A comprehensive study of hot-carrier instability in p- and n-type poly-Si gated MOSFET's 55980
Hsu, C.C.-H. *see* Jyh-Chyurn Guo 71660
Hsu, C.C.-H. *see* Jyh-Chyurn Guo 93370
Hsu, C.I. *see* Chou, H.P. 88220
Hsu, C.I. *see* Chou, H.P. 98100

Hsu, C.T., Yan, Y.H., Chen, C.S., Her, S.L. Optimal reactive power planning for distribution systems with nonlinear loads 99662
Hsu, C.T. *see* Yan, Y.H. 60639
Hsu, D.F. On container width and length in graphs, groups, and networks 61091
Hsu, D.K. *see* Liaw, P.K. 70209
Hsu, D.S.Y. Tenth micrometer trench fabrication by aperture narrowing of 0.6 μm starting mask structures using chemical-beam deposition and ion-beam redeposition 93278
Hsu, D.Y. Relations between dilutions of precision and volume of the tetrahedron formed by four satellites 65988
Hsu, F., Chan, K.K., Chang, P.R., Chao, S.H. Optimal boresight error design of radomes of revolving symmetry 83881
Hsu, F.T., Lehnert, J.S. A characterization of multiple-access interference in generalized quadriphase spread-spectrum communications 58295
Hsu, G.S. *see* Liaw, C.M. 68851
Hsu, H.H., Alvar, K.R., Vasilik, D.G. A new Bonner-sphere set for high energy neutron measurements: Monte Carlo simulation 88053
Hsu, H.H., Alvar, K.R., Vasilik, D.G. A new Bonner-sphere set for high energy neutron measurements: Monte Carlo simulation 98591
Hsu, I., Hone-Cheng Chen, Chen-Lien Cho, Yuen-Chung Liu Design study of laser Compton scattering with relativistic electron to measure the electron beam energy 76448
Hsu, I. *see* Barletta, B. 76636
Hsu, J.-T., Li, X., Aum, P., Chan, D., Viswanathan, C.R. Hot-carrier degradation of CMOS inverters and ring oscillators at 77 K 62994
Hsu, J.-T. *see* Viswanathan, C.R. 50031
Hsu, J.C., Kent, R.J., Jr., Weinman, J.B., Jr. Enabling technologies for world-class business operations 48606
Hsu, J.C. *see* Lee, R.L. 89197
Hsu, J.C.M. *see* Chen, G.C.C. 87354
Hsu, J.K., Juang, C., Lee, B.J., Chi, G.C. Photoluminescence studies of interstitial Zn in InP due to rapid thermal annealing 71096
Hsu, J.S., Stein, J. Effects of eccentricities on shaft signals studied through windingless rotors 89917
Hsu, J.S., Stein, J. Shaft signals of salient-pole synchronous machines for eccentricity and shorted-field-coil detections 89918
Hsu, K., Miller, C.M., Bao, Y. Fiber Fabry-Perot interferometers with very low polarization sensitivity 98041
Hsu, K., Miller, C.M., Kringlebotn, J.T., Taylor, E.M., Townsend, J., Payne, D.N. Single-mode tunable erbium:ytterbium fiber Fabry-Perot microlaser 63721
Hsu, K.T., Jan, G.J., Kuo, C.H., Hu, K.H. Diagnostic instrumentation system for the SRRC 1.3 GeV synchrotron radiation light source 76555
Hsu, K.T. *see* Lin, K.K. 76540
Hsu, K.Y., Chau-Jern Cheng, Tai-Chiung Hsieh Trainable pattern classifier using a computer-generated hologram 57739
Hsu, K.Y.-J. *see* Harame, D.L. 71770
Hsu, K.Y.-J. *see* Harame, D.L. 93579
Hsu, M.J., Molian, P.A. Thermochemical modelling in CO_2 laser cutting of carbon steel 94707
Hsu, N.N., Palmer, C.H., Fick, S.E. A point source/point receiver method for ultrasonic testing 91659
Hsu, P., Senthinathan, R., Rozenblit, J.W., Prince, J.L. A knowledge-based simulation environment for the early design of multichip modules 69577
Hsu, P. *see* Ikumi, N. 92283
Hsu, P.Y.-T. Designing the TFP microprocessor 49449
Hsu, R. *see* Thursby, M.H. 83830
Hsu, R. *see* Tuckerman, D.B. 48679
Hsu, R.J. *see* Jiang, S.H. 88061
Hsu, R.J. *see* Jiang, S.H. 98572
Hsu, R.T., Lin, W., Kao, M.J., Wu, Y.H., Hsu, W.C. Mobility enhancement in a highly strained δ-doped $In_{0.9}Ga_{0.1}P/In_{0.75}Ga_{0.25}As/In_{0.53}Ga_{0.47}As/InP$ heterostructure 62251
Hsu, S.-L. *see* Chin, T.-S. 50248
Hsu, S.C. *see* Hsieh, S.W. 93063
Hsu, S.E. *see* Chia-Fu Chen 69932
Hsu, S.M. *see* Czarnecki, L.S. 68114
Hsu, S.N., Lin, J.F., Jou, M.J., Chen, C.Y., Lee, B.J. Ordering effects in MOCVD grown $Ga_{0.5}In_{0.5}P$ on misoriented (100) GaAs 92952
Hsu, S.N. *see* Chou, H. 72217
Hsu, T. *see* Liou, R. 71054
Hsu, T.-Y., Hadizad, P., Liou, R.L., Roth, G., Gundersen, M.A. A pulsed electron beam source for high resolution, high throughput microlithography 81609
Hsu, T.-Y., Liou, R., Kirkman, G., Gundersen, M.A. High current, low energy electron beams produced during the high current phase of a pseudospark 76725
Hsu, W.-H. *see* Hwang, P.-W. 96047
Hsu, W.C. *see* Hsu, R.T. 62251
Hsu, W.C. *see* Wu, C.L. 55630
Hsu, W.C. *see* Wu, C.L. 81957
Hsu, W.L., McMaster, M.C., Coltrin, M.E., Dandy, D.S. Molecular beam mass spectrometry studies of chemical vapor deposition of diamond 54969
Hsu, W.Y. *see* Chua, C.L. 69925
Hsu, W.Y. *see* Kuo, L.C. 100652
Hsu, Y.-Y., Chen, C.-R., Su, C.-C. Analysis of electromechanical modes using an artificial neural network 53675
Hsu, Y.-Y. *see* Liang, R.-H. 99967
Hsu, Y.F. *see* Kuo, C.J. 95671
Hsu, Y.Y. *see* Hu, T.F. 67671
Hsu Chao-Yuen *see* Chao-Yuen Hsu
Hsu Chau-Yun *see* Chau-Yun Hsu
Hsu Chi-Ming *see* Chi-Ming Hsu
Hsu Chin-Chi *see* Chin-Chi Hsu
Hsu Chin-Hsiung *see* Chin-Hsiung Hsu
Hsu Dahsiung *see* Dahsiung Hsu
Hsu Guang-Hui *see* Guang-Hui Hsu
Hsu Hsiao-Hua *see* Hsiao-Hua Hsu
Hsu Jen-Tai *see* Jen-Tai Hsu
Hsu Jenq-Muh *see* Jenq-Muh Hsu
Hsu Jin-Cherng *see* Jin-Cherng Hsu
Hsu Ken *see* Ken Hsu
Hsu Ken Yuh *see* Ken Yuh Hsu
Hsu Kuo-Tung *see* Kuo-Tung Hsu
Hsu Lie-Fern *see* Lie-Fern Hsu
Hsu Lih-Hsing *see* Lih-Hsing Hsu
Hsu Lun-Jun *see* Lun-Jun Hsu
Hsu Pin-Chieh *see* Pin-Chieh Hsu
Hsu Powen *see* Powen Hsu
Hsu Show-Gwo *see* Show-Gwo Hsu
Hsu Sung-Lin *see* Sung-Lin Hsu
Hsu Teng-Tai *see* Teng-Tai Hsu
Hsu Wei-Chou *see* Wei-Chou Hsu
Hsu Wen-Hsing *see* Wen-Hsing Hsu
Hsu Yaun-Chung *see* Yaun-Chung Hsu
Hsu Yen Chuan *see* Yen Chuan Hsu
Hsu Yu-Chang *see* Yu-Chang Hsu
Hsu Yu-Chin *see* Yu-Chin Hsu
Hsu Yuafi-Yih *see* Yuafi-Yih Hsu
Hsu Yuan-Yih *see* Yuan-Yih Hsu
Hsu Yung-Kao *see* Yung-Kao Hsu
Hsu-Chun Yen On multiterminal single bend wirability 55090
Hsuan-Chin Lai Component life assessment methods for nuclear power plant 99873
Hsue, C.-W., Hechtman, C.D. Transient responses of an exponential transmission line and its applications to high-speed backdriving in in-circuit test 51160
Hsue, C.S. *see* Bosch, R.A. 87706
Hsue, C.S. *see* Chang, H.P. 76581
Hsue, J.-J., Yagle, A.E. Blind deconvolution of symmetric noncausal impulse responses using two-sided linear prediction 64498
Hsue, J.-J., Yagle, A.E. Fast algorithms for close-to-Toeplitz-plus-Hankel systems of equation 84272
Hsue, P. *see* Jih Wen Chou 81855
Hsue Ching-Wen *see* Ching-Wen Hsue
Hsue Jin-Jen *see* Jin-Jen Hsue
Hsueh, F.-L. *see* Dolny, G. 98213
Hsueh, F.-L. *see* Khormaei, R. 66624
Hsueh, F.-L. *see* Levine, P.A. 66466
Hsueh, Y.-C. *see* Chu, C.-H. 51649
Hsueh Yuang-Cheh *see* Yuang-Cheh Hsueh
Hsueh-Jyh Li *see* Gen-Tay Huang 58478
Hsuen-Chyun Shyu, Yuh-Shing Sun, Wen-Hsiang Shen The analysis of scan-to-scan integration techniques for sea clutter 75541
Hsuen-Chyun Shyu *see* Yung-Tsan Lin 57686
Hu, A. *see* Haniff, T.M. 72554
Hu, A. *see* Karczewski, G. 61279
Hu, A.J., York, G., Dill, D.L. New techniques for efficient verification with implicitly conjoined BDDs 96214
Hu, B., Yang, Z., Karasz, F.E. Electroluminescence of pure poly(N-vinylcarbazole) and its blends with a multiblock copolymer 82830
Hu, B.-P. *see* Wendhausen, P.A.P. 50200
Hu, C. *see* Chao, E.Y. 93461
Hu, C. *see* Chiang, S. 61666
Hu, C. *see* Huang, J.H. 62824
Hu, C. *see* Huang, W.M. 93629
Hu, C. *see* Liu, Z.H. 62825
Hu, C. *see* Ma, Z.J. 62775
Hu, C. *see* Ma, Z.J. 62784
Hu, C. *see* Ma, Z.J. 62785
Hu, C. *see* Xu, Y.B. 63186
Hu, C. *see* Zhang, G. 61624
Hu, C.K., Rosenberg, R., Tu, K.N. Stages of damage formation by electromigration in line/stud structures 62547
Hu, C.K. *see* Ho, P.S. 62539
Hu, E. *see* Ying-Lan Chang 55593
Hu, E. *see* Zhang, G. 81391
Hu, E.L. *see* Babic, D.I. 56741
Hu, E.L. *see* Babic, D.I. 56808
Hu, E.L. *see* Dudley, J.J. 56807
Hu, E.L. *see* I-Hsing Tan 55658
Hu, E.L. *see* I-Hsing Tan 87184
Hu, E.L. *see* Schramm, J.E. 55823
Hu, E.L. *see* Schramm, J.E. 56019
Hu, G., Rajanathan, C.B. Design aspects of the rotor tube in a linear induction actuator 100430
Hu, G. *see* Adam, A. 88087
Hu, G. *see* Cao, X. 84598
Hu, G. *see* DeHope, W. 62122
Hu, G. *see* DeHope, W. 92901
Hu, G.Y. *see* Bai, J.Z. 53324
Hu, H., Krapanidhi, S.B. Controlled ion bombardment induced modification of PZT thin films 56119
Hu, H., Krupanidhi, S.B. Electrical characterization of multi-ion beam reactive sputter deposited PZT thin films 56134
Hu, H. *see* Peng, C.-J. 54945
Hu, H.T. *see* Childers, D.G. 95264
Hu, J., Dawson, D.M., Qian, Y. Position tracking control of an induction motor via partial state feedback 100127
Hu, J. *see* Dawson, D. 60208
Hu, J. *see* Speagle, R.C. 100178
Hu, J. *see* Zhang, Q.M. 93332
Hu, J.M., Barker, D., Ghoshtagore, R., Pecht, M. Investigation of thermomechanical properties of low temperature cofired ceramic 69568
Hu, J.S. *see* Bai, J.Z. 53324
Hu, J.W. *see* Bai, J.Z. 53324
Hu, J.Y. The project of high spatial resolution near infrared imaging system at Beijing Observatory 98081
Hu, K. *see* Karim, Z. 56839
Hu, K.H. *see* Hsu, K.T. 76555
Hu, L., Morrison, R.E., Young, D.J. Comparison of physical modelling and CAD representation of compensated railway systems 60574
Hu, M. *see* Khare, R. 93194
Hu, M. *see* Wu, C.S. 92551
Hu, Q. *see* Cheng, Z. 51031
Hu, Q.Y. *see* Dou, S.X. 63273
Hu, Q.Y. *see* Dou, S.X. 63301
Hu, R. *see* Jackson, C.M. 49642
Hu, S., Maekawara, M., Baba, E., Yokozuka, T. Effects of the drive circuit on characteristics of the hybrid stepping motor 69096
Hu, S.C. Canny choices condense CPLD and FPGA design cycles 80308
Hu, S.Y., Corzine, S.W., Law, K.-K., Young, D.B., Gossard, A.C., Coldren, L.A., Merz, J.L. Lateral carrier diffusion and surface recombination in InGaAs/AlGaAs quantum-well ridge-waveguide lasers 94501
Hu, S.Y., Young, D.B., Corzine, S.W., Gossard, A.C., Coldren, L.A. High-efficiency and low-threshold InGaAs/AlGaAs quantum-well lasers 94452
Hu, S.Y., Young, D.B., Gossard, A.C., Coldren, L.A. The effect of lateral leakage current on the experimental gain/current-density curve in quantum-well ridge-waveguide lasers 94467
Hu, T.C., Morgenthaler, J.D. Dynamic programming and graph optimization problems 48817
Hu, T.F., Hsu, Y.Y. A probe manipulator for wind tunnel experiments 67671
Hu, V., Wang, J., Kuh, S., Jai, R., Yang, M., Gaylor, K., Vitalpur, S., Hood, L. The Space Communications Systems Simulator and its use to predict space station communications in the presence of pulsed radio frequency interference 88649
Hu, X., Yorozu, T., Honma, S., Kawazoe, Y., Ohnuki, S., Ohta, N. An analytic study of the capping effect in magnetic super resolution magneto-optic recording 50608
Hu, X. *see* Tewfik, A.H. 88462
Hu, Y. An algorithm for data reduction using splines with free knots 48839
Hu, Y. *see* Chandorkar, M.C. 68817
Hu, Y. *see* Fan, M. 76680
Hu, Y. *see* He, S. 73308
Hu, Y. *see* McCanny, J.V. 70258
Hu, Y. *see* McCanny, J.V. 80061
Hu, Y. *see* Ronnqvist, C. 88024
Hu, Y. *see* Turchetta, R. 88247
Hu, Y. *see* Turchetta, R. 98692
Hu, Y.F. *see* Matthews, P.A. 94815
Hu, Y.H. *see* Donohue, P.C. 91056
Hu, Y.H. *see* Panescu, D. 67385
Hu, Y.H. *see* Panescu, D. 80475
Hu, Y.H. *see* Yu, K.H. 70618
Hu, Y.Z., Buaud, P.P., Spanos, L., Wang, Y.Q., Li, M., Irene, E.A. In situ electron cyclotron resonance plasma surface cleaning of silicon 93209
Hu, Y.Z., Joseph, J., Irene, E.A. Electron cyclotron resonance plasma oxidation studies of InP 55794
Hu, Y.Z. *see* Wang, Y. 93208
Hu, Z.-R. *see* Mawby, P.A. 71619
Hu, Z.R., Mawby, P.A., Towers, M.S., Board, K. Simulation of transient self-heating during power VDMOS transistor turn-off 81917
Hu, Z.R. *see* Zeng, J. 55949
Hu Anming *see* Anming Hu
Hu Baoxin, Wang Jianwu, Zhu Chongguang A valid method applied to area calculation in wheat production estimation 77584
Hu Bo-Ping *see* Bo-Ping Hu
Hu Boping *see* Boping Hu
Hu Chenming *see* Chenming Hu
Hu Chenyi *see* Chenyi Hu
Hu Chi Comments on "The groove guide, a low-loss waveguide for millimeter waves" 80556
Hu Chi, Choi, Y.M., Tsang, K.F., Harris, D.J. Comments on "Theoretical and experimental characteristics of single V-Groove guide for X-Band and 100 GHz operation" [and reply] 73471

Hu Ching Piao *see* Ching Piao Hu
Hu Chundong, Yu Zengliang, Yao Xiuluan, He Jianjun, Zhang Xiaodong A compact ECR ion source for bio-organic mutation 53234
Hu Dazhang, Zhou Zhaoxian The atmospheric complex refractive index at frequency up to 1000 GHz 83693
Hu Fengduo *see* Fengduo Hu
Hu Gui-Ming *see* Hancq, J. 64572
Hu Guo-Qing *see* Guo-Qing Hu
Hu Guojiang *see* Guojiang Hu
Hu Hang *see* Hang Hu
Hu Honggang *see* Honggang Hu
Hu Huijun *see* Tu Guangyu 59688
Hu Huiping *see* Zheng Zhihang 96092
Hu I-Pung *see* I-Pung Hu
Hu Jiachun *see* Chen Xianming 89906
Hu Jian-Qiang *see* Jian-Qiang Hu
Hu Jiandong *see* Jiandong Hu
Hu Jianhua The method of automatic detecting dual-locomotive traction signals 100875
Hu Jianpei *see* Jianpei Hu
Hu Jianzhong *see* Jianzhong Hu
Hu Jiaxiao *see* Fu Shuti 59825
Hu Jifan *see* Jifan Hu
Hu Jihuang *see* Gong Dawei 75995
Hu Jin-Lun *see* Jin-Lun Hu
Hu Jong Lee *see* Jinhee Kim 50430
Hu Jun *see* Jun Hu
Hu Kesong *see* Kesong Hu
Hu Kezhong *see* Kezhong Hu
Hu Liang *see* Guo Wenyuan 90242
Hu Lidong *see* Mao Huishun 98593
Hu Lihua *see* Lihua Hu
Hu Lin *see* Han Yingduo 53600
Hu LiQun *see* LiQun Hu
Hu Lon-Rong *see* Lon-Rong Hu
Hu Mengyou, Chen Junliang Variable window length adaptive algorithm 73951
Hu Ming-qiang *see* Zheng Zhao-hui 89711
Hu Ming-qiang *see* Zhou, E. 89723
Hu Minyou, Chen Yuan Simulated annealing algorithm of optimal reconstruction in distribution system 68225
Hu Mou, Xu Shensheng The capacitor model and its applications based on multiple-valued switch-level algebra 61630
Hu Mou *see* Jiang Jianhui 80265
Hu Mou *see* Mou Hu
Hu Nengzheng *see* Hou Xuguang 77993
Hu Qiying *see* Qiying Hu
Hu Ruili *see* Ruili Hu
Hu Shangbin *see* Sun Biehe 53217
Hu Shangbin *see* Sun Biehe 53243
Hu Shichuang *see* Shichuang Hu
Hu Songyao *see* Li Guangyou 89892
Hu Wan-Ping, Wang Qi-Ping Behaviour and effect of arc clogging in a puffer breaker with SF_6N_2 mixtures 90244
Hu Wei-Dong, Yu Wen-Xian, Guo Gui-Rong The neural network method for radar weak target detection 85091
Hu Wenlong *see* Wenlong Hu
Hu Wentao *see* Zhou Fuzheng 83029
Hu Xian-Cheng *see* Chu De-Lin 79713
Hu Xian-cheng *see* Gu Jin-sheng 61202
Hu Xiang-Yong An efficient method for optimizing dispatch of voltage and reactive power in large scale power systems 99556
Hu Xiao *see* Xiao Hu
Hu Xiaobo *see* Xiaobo Hu
Hu Xiaoping *see* Xiaoping Hu
Hu Xiaoqing *see* Liu Guanhua 59141
Hu Xiheng *see* Xiheng Hu
Hu Xinsong *see* Wang Yaolin 97946
Hu XiWen *see* Xin YaoZhong 99529
Hu Xiying *see* Xiying Hu
Hu Xuehao, Zhang Xuecheng, Zhou Xiuming, Gan Fulin, Zong Wenhua Pressurized water reactor nuclear power plant (NPP) modelling and the midterm dynamic simulation after NPP has been introduced into power system 99835
Hu Yaw-Wen *see* Yaw-Wen Hu
Hu Yi, Chen Jiansheng The research of the automatic washing-brushing robot of 500 kV DC insulator string 78173
Hu Yi *see* Yi Hu
Hu Yong-Lin *see* Yong-Lin Hu
Hu Yu Hen *see* Yu Hen Hu
Hu Yuhong *see* Zhang Guoqiang 62317
Hu Yuhong *see* Zhang Guoqiang 93428
Hu Yuwen, Tang Lixin A resistance on-line fuzzy observer of induction motor direct torque control (DTC) system 100116
Hu Zhaoguang, Wang Pingyang, Zhou Xiaoxin, Hu Zhaoyi Fuzzy decision support system for generation expansion planning with multiobjective functions 53711
Hu Zhaoguang *see* Wang Guangsheng 99919
Hu Zhaoyi *see* Hu Zhaoguang 53711
Hu Zheng *see* Zheng Hu
Hu Zhi *see* Zhi Hu
Hu Zhijian *see* Zhijian Hu
Hu Zhirun *see* Zhirun Hu
Hua, G. *see* Huber, L. 67733
Hua, G. *see* Jiang, Y. 53668
Hua, G. *see* Yang, E.X. 49145
Hua, G.-C. *see* Lu, K. 54856
Hua, G.C., Otsuka, N., Grillo, D.C., Fan, Y., Han, J., Ringle, M.D., Gunshor, R.L., Hovinen, M., Nurmikko, A.V. Microstructure study of a degraded pseudomorphic separate confinement heterostructure blue-green laser diode 83103
Hua, G.C., Tabisz, W.A., Leu, C.S., Dai, N., Watson, R., Lee, F.C. Development of a DC distributed power system 68077
Hua, G.C. *see* Han, J. 54884
Hua, G.C. *see* He, L. 91516
Hua, G.C. *see* Tang, W. 53669
Hua, G.C. *see* Watson, R. 68804
Hua, G.C. *see* Zaitsu, T. 100296
Hua, P. *see* Woo, E.J. 98887
Hua, T.J. *see* Wang, R.L. 57832
Hua, Y., Baqai, F. Correction to "Estimating two-dimensional frequencies by matrix enhancement and matrix pencil" 64453
Hua, Y., Yang, H., Qiu, W. Source correlation compensation for blind channel identification based on second-order statistics 84244
Hua, Y. *see* Baqai, F.A. 86554
Hua, Y. *see* Hodgson, E. 63667
Hua, Y. *see* Zhu, Y. 84471
Hua, Y.M. *see* Chen, X.F. 83312
Hua Chang *see* Chang Hua
Hua Chen Jian *see* Chen Jian Hua
Hua Chen Shao *see* Shao Hua Chen
Hua Chi *see* Afsar, M.N. 81138
Hua Chi *see* Afsar, M.N. 82098
Hua Chihchiang *see* Chihchiang Hua
Hua Guichao *see* Guichao Hua
Hua Jiang, Rappaport, S.S. Prioritized channel borrowing without locking: a channel sharing strategy for cellular communications 75249
Hua Jin, Goos, G., Lopes, L. An efficient switched-reactor-based static VAr compensator 78777
Hua Jin *see* Pande, M. 90125
Hua Jin *see* Pande, M. 100323
Hua Jin *see* Vincenti, D. 90160
Hua Jin *see* Vincenti, D. 99487
Hua Lee *see* Douglas, B.L. 77333
Hua Lee *see* Huan-Shang Tsai 83866
Hua Li, Illingworth, A.J., Eastment, J. A simple method of Dopplerizing a pulsed magnetron radar 52631
Hua Li, Jen Chung Lin Using fuzzy logic to detect dimple defects of polished wafer surfaces 54565
Hua Li *see* Jun Wang 61163
Hua Li *see* Parekh, M. 62464
Hua Quen Tserng *see* Yarborough, R. 80836
Hua Renzhong, Liang Peihui, Ye Ren, Shen Qimin, Lei Jianqiu Characteristics study of thermal lens in a copper vapor laser 56626
Hua Renzhong *see* Lei Jianqui 72688
Hua Wang *see* Jing Zu 98184
Hua Wang Kuo *see* Kuo Hua Wang
Hua Wei, Tan Binglin, He Yousheng A study on magnetic head slider with constant flying height 50335
Hua Xiang *see* Xiang Hua
Hua Yan *see* Yan Hua
Hua Yang, Baga, J., LeCarpentier, G.L., Machado, C., Steinman, R.T., Lehmann, M.H. An interactive computerized system for recognition of sinus rhythm and pacing responses in development of tachycardia detection algorithms for ICDs 77067
Hua Yang *see* Yang Hua
Hua Yang Xian *see* Xian Hua Yang
Hua Ye *see* Ye Hua
Hua Yingbo *see* Yingbo Hua
Hua Yu *see* Chang-Tai Yu 81682
Hua Zhao *see* Zhao Hua
Hua Zhu Ning *see* Ning Hua Zhu
Hua Zhuang Bao *see* Bao Hua Zhuang
Hua-kuan Lin *see* Zhong-he Wang 81536
Hua-Kuang Liu *see* Chwan-Hwa Wu 50620
Hua-Kuang Liu *see* Shaomin Zhou 82763
Hua-Sheng Zhang *see* Zhang Hua-Sheng
Hua-Yong Pan *see* Fu-Ming Yang 82247
Huachong Guo *see* Dingquan Xiao 56099
Huafu Wang *see* Jiachun Deng 63998
Huagen, G.M. *see* Kuo, L.H. 92957
Huai, W.D. *see* Ling, W.Y. 56121
Huai Dong Li *see* Wei Qian 88395
Huai-Dong Ding, Idesawa, M., Matsumoto, S. A comb-structured PSD and its image position sensing characteristics 87297
Huai-Dong Liu *see* Liu Huai-Dong
Huai-Jen Liu *see* Wen-Tsuen Chen 64991
Huaichun Zhou *see* Zhou Huaichun
Huaijin Chen *see* Chen Huaijin
Huaitie Xiao *see* Xiao Huaitie
Huajie Yin *see* Yin Huajie
Huamin Guo *see* Guo Huamin
Huamin Zhang *see* Zhang Huamin
Huan, H.C. *see* Hui, J. 88662
Huan Luo *see* Ruoff, A.L. 88333
Huan Xu, Mac Lughadha, S., Kocot, A., Vij, J.K. Optical contrast spectroscopy of ferroelectric liquid crystal cells 82740
Huan Yingju *see* Zhao Zhengming 60184
Huan-Bang Li, Iwanami, Y., Ikeda, T. A multidimensional BCM scheme with time-correlated fading compensation 83650
Huan-Shang Tsai, Kent, S.D., Hua Lee, York, R.A. Far-field reflectometry for characterization of active antennas 83866
Huan-Wen Tzeng *see* Shao-Hung Chang 79486
Huan-Wun Yen *see* Walker, F.J. 82662
Huanchu Chen *see* Xuefeng Yue 56870
Huang, A., Whitaker, N., Avramopoulos, H., French, P., Houh, H., Chuang, I. Sagnac fiber logic gates and their possible applications: a system perspective 82779
Huang, A. *see* McLean, I.S. 66427
Huang, B., Wang, X., Yao, X. Dielectric properties of bismuth layer type ceramics with lanthanum and nickel co-substitutions 56126
Huang, B.Y. *see* Song, P.S. 87799
Huang, C. *see* Kager, A. 81833
Huang, C.-C. Two-dimensional capacitance calculation in stratified and/or arbitrary dielectric media 51192
Huang, C.-Y. *see* Li, S. 56128
Huang, C.-Y. *see* Liu, B.-D. 70783
Huang, C.C. *see* Mazumder, M.K. 57050
Huang, C.G. Implementation of true single-phase clock D flipflops 80228
Huang, C.H. *see* Chen, H.R. 81811
Huang, C.H. *see* Chen, H.R. 81826
Huang, C.H.-J., He Lin, Rabson, A. PIMOD processing and properties of a $LiNbO_3$-based MFSFET for nonvolatile memories 71894
Huang, C.H.-J., He Lin, Rabson, T.A. PIMOD processing and electrical characterization of ferroelectric thin film capacitors for nonvolatile memories 93808
Huang, C.H.-J., Lin, H., Rabson, T.A. $LiNbO_3$ thin film capacitor and transistor processed by a novel method of photo-induced metallo-organic decomposition 56163
Huang, C.H.-J., Rabson, T.A. Thin film $LiNbO_3$ for integrated optic devices 82678
Huang, C.I. *see* Bayraktaroglu, B. 61932
Huang, C.I. *see* Kager, A. 93349
Huang, C.I. *see* Liou, J.J. 62693
Huang, C.I. *see* Liou, J.J. 81828
Huang, C.I. *see* Liou, J.J. 93358
Huang, C.I. *see* Liou, L.L. 62728
Huang, C.I. *see* Wang, Y. 54888
Huang, C.J. *see* Sun, C.J. 55917
Huang, C.K. *see* Jairath, R. 71338
Huang, C.L. *see* Chen, C.L. 99559
Huang, C.L. *see* Chen, C.L. 99586
Huang, C.L. *see* Lu, S.S. 56014
Huang, C.L. *see* Yeh, J.C. 100189
Huang, C.T., Mitchell, O.R. A Euclidean distance transform using grayscale morphology decomposition 51604
Huang, C.Y., Morris, J.E., Su, Y.K., Kuo, T.H. New method of modelling a multipeak resonant tunnelling diode 62658
Huang, C.Y. *see* Yang, H.C. 56275
Huang, D., Zhang, X.W., Luo, C.P., Yang, H.S., Wang, Y.J. The functions of Al-in MnBiAlSi magneto-optical films 72106
Huang, D. *see* Harn, L. 51812
Huang, D.H. *see* Grey, F. 61403
Huang, D.M. *see* Li, Z.S. 62496
Huang, D.Q. *see* Bai, J.Z. 53324
Huang, D.X. *see* Kinard, J.R. 86890
Huang, D.X. *see* Kinard, J.R. 87107
Huang, F. Frequency dependent transmission line loss in quasitransversal microwave filters 92488
Huang, F., Paige, E.G.S. The design of SAW RAC's using arrays of thin metal dots 50172
Huang, F. *see* Salvador, A. 82817
Huang, F.-Y. *see* Lee, P.Z. 84266
Huang, F.Y. *see* Lin, M.E. 55646
Huang, F.Y. *see* Zhou, G.L. 71714
Huang, G., Ongsakul, W. Managing the bottlenecks in parallel Gauss-Seidel type algorithms for power flow analysis 53619
Huang, G., Ongsakul, W. Managing the bottlenecks in parallel Gauss-Seidel type algorithms for power flow analysis 77942
Huang, G., Ongsakul, W. Speedup and synchronisation overhead analysis of Gauss-Seidel type algorithms on a Sequent balance machine 99475
Huang, G., Ongsakul, W. An adaptive SOR algorithm and its parallel implementation for power system applications 99585
Huang, G. *see* Harman, D.D. 86758
Huang, G.J., Chen, L.J. Investigation of the oxidation kinetics of $CoSi_2$ on (111)Si by transmission electron microscopy 81473
Huang, G.M., Hsieh, S.-C. Some examples to illustrate the exact convergence theorem of a parallel textured algorithm for constrained economic dispatch control problems 59851
Huang, G.M., Hsieh, S.-C. Exact convergence of a parallel textured algorithm for constrained economic dispatch control problems 68103
Huang, G.M., Kyung-Bin Song Some convergence properties of a distributed textured algorithm for constrained economic dispatch control problem of large power systems 89043
Huang, G.M. *see* Antonio, J.K. 79686
Huang, G.W. *see* Jung, T.G. 93313
Huang, H., Bruce, P.G. A 3 volt lithium manganese oxide cathode for rechargeable lithium batteries 78786
Huang, H., Itoh, M., Yatagai, T. Modified signed-digit arithmetic based on redundant bit representation 82773
Huang, H. *see* Ellison, M. 66909
Huang, H. *see* Li, D. 98409

Huang, H. *see* Liu, J.Y. 98399
Huang, H. *see* Syphers, M.J. 66966
Huang, H. *see* Valstyn, E.P. 50259
Huang, H. *see* Wang, Y. 66910
Huang, H. *see* Zhigang Feng 84575
Huang, H.-C. *see* Shih, J.-J. 81783
Huang, H.-M. *see* Wu, T.-F. 100926
Huang, H.C., Laux, P., Bass, J.F., Chen, S.W., Lee, T.T., Tadayon, S., Singer, J.L., Kearney, J., Aina, O.A. A W-band multifunction MMIC 80781
Huang, H.C., Lo, T.C. Simulation and analysis of silicon guided-wave electro-optic modulators 82731
Huang, H.D. *see* Lee, M.K. 69972
Huang, H.J., Kuo, J.B. A fully analytical transient model for an ECL inverter using a partitioned-charge-based BJT model 55240
Huang, H.J. *see* Zhi-Jian Ma 82074
Huang, H.K., Suda, T. Collision avoidance tree networks 52176
Huang, H.L. *see* Zhang, Y.P. 87584
Huang, H.S., Lu, C.N. Efficient storage scheme and algorithms for W-matrix vector multiplication on vector computers 77853
Huang, H.T., Fiedler, H.E. Reducing time interval between successive exposures in video PIV 97709
Huang, J., Achenbach, J.D. Measurement of material anisotropy by dual-probe laser interferometer 55005
Huang, J., Kuo, S.P., Zhou, H.L. The effect of electron cyclotron harmonic resonance on the frequency spectrum of the HF-heater-induced stimulated electromagnetic emissions (SEEs) 83676
Huang, J., Mersereau, R.M. Contour-based hybrid displacement estimation for image sequence compression 85042
Huang, J. *see* Boulais, W. 92576
Huang, J. *see* Jin, H. 80862
Huang, J. *see* Lee, F.N. 59901
Huang, J. *see* Wu, T.K. 73532
Huang, J.-H., Chang, T.Y. Flat band current-voltage-temperature method for band-discontinuity determination and its application to strained $In_xGa_{1-x}As/In_{0.52}Al_{0.48}As$ heterostructures 81302
Huang, J.C., Munoz, J., Watt, H., Zvara, G. ECOS graphs: a dataflow programming language 95605
Huang, J.C.-M. *see* Su, T. 92879
Huang, J.H., Liu, Z.H., Jeng, M.C., Ko, P.K., Hu, C. A physical model for MOSFET output resistance 62824
Huang, J.H. *see* Abrokwah, J.K. 61946
Huang, J.H. *see* Cheng, T.M. 54819
Huang, J.M. *see* Chen, M. 53245
Huang, J.P. *see* Yeh, T.-F. 81667
Huang, J.S.T. The bilateral emitter switched thyristor (BEST) 62736
Huang, J.S.T. A model for double snapback phenomena in N channel SOI MOSFETs 93470
Huang, J.W., Gaines, D.F., Kuech, T.F., Potemski, R.M., Cardone, F. Alkoxide precursors for controlled oxygen incorporation during metalorganic vapor phase epitaxy GaAs and $Al_xGa_{1-x}As$ growth 79795
Huang, K., Lam, D., Farrugia, S., Yee, H. Fast prediction of critical clearing time by an artificial neural network for power system transient stability assessment 77828
Huang, K., Lin, W., Lin, Y. Characteristic impedance of rectangular coaxial cone transmission line 73411
Huang, K.C. *see* Lee, M.S. 82804
Huang, L. *see* Matsuse, K. 69108
Huang, L.J. *see* Chang, W.H. 49887
Huang, L.J. *see* Chang, W.I. 93229
Huang, L.J. *see* Kwok, R.W.M. 93165
Huang, L.J. *see* Landheer, D. 93434
Huang, L.J. *see* Lau, W.M. 93031
Huang, L.K. *see* Regan, S.P. 63565
Huang, L.M. *see* Cheng, H.C. 81573
Huang, M., Judy, J.H. Calculations of the angular dependence of apparent and true coercivities of thin film magnetic recording media 50370
Huang, M., Mackenzie, R.A.D., Godfrey, T.J., Smith, G.D.W. Characterization of gridded field emitters 62078
Huang, M. *see* Bor-Yuan Hwang 93642
Huang, M. *see* Chen, T.H. 80838
Huang, M. *see* Foerstner, J. 93462
Huang, M.F. *see* Cheng, T.M. 54819
Huang, M.Q., Zheng, Y., Wallace, W.E. SmCo (2:17-type) magnets with high contents of Fe and light rare earths 71930
Huang, N.-F., Wu, C.-S., Wu, Y.-J. Some routing problems on broadband ISDN 96821
Huang, P. *see* Kiyono, S. 87504
Huang, P. *see* Lester, J.A. 80788
Huang, Q.L. *see* Chen, J.L. 79510
Huang, R.Y.S. *see* Griffin, P.B. 93120
Huang, S. *see* Karr, S.E. 52929
Huang, S. *see* Liu, J. 96056
Huang, S. *see* Measures, R.M. 52888
Huang, S. *see* Measures, R.M. 98069
Huang, S. *see* Moslehi, M. 93626
Huang, S. *see* Moslehi, M.M. 71800
Huang, S. *see* Moslehi, M.M. 90920
Huang, S. *see* Nicati, P.-A. 72790
Huang, S.-C. *see* Chinn, G. 59320
Huang, S.-C. *see* Yu, D.-C. 59321
Huang, S.-H. *see* Chin, T.-S. 50189
Huang, S.-J., Yan, M.-T. The adaptive control for retrofit traditional milling machine 69270
Huang, S.-Y., Von Der Muhll, R., Ravez, J., Hagenmuller, P. New ferroelectrics $Ba_{1-x}M_x(Li_{2x}Al_{2-2x})O_{4-4x}F_{4x}$ (M=Pb,Sr) 56123
Huang, S.C. *see* Guerrero, T.M. 98826
Huang, S.C. *see* Guerrero, T.M. 98827
Huang, S.C. *see* Lin, K.P. 98828
Huang, S.C. *see* Zeng, W.J. 85059
Huang, S.H. *see* Gu, C.L. 89901
Huang, S.M. *see* Xie, C.G. 98359
Huang, S.W. *see* Song, P.S. 87799
Huang, S.Y., Greenberg, L.A., Corser, T.A. High performance pump laser modules for erbium-doped fiber amplifiers 94439
Huang, S.Y. *see* Alavie, A.T. 52923
Huang, T., Jiang, Y. Language processing for Chinese speech recognition 95299
Huang, T. *see* Gao, Y. 84127
Huang, T.-Y., Wu, J.-L.C. Performance analysis of ATM switches using priority schemes 85220
Huang, T.-Y., Wu, J.-L.C. Performance analysis of prioritized state-dependent buffer-management schemes in ATM networks 96496
Huang, T.H., Kinoshita, H., Kwong, D.L. Influence of fluorine preamorphization an the diffusion and activation of low-energy implanted boron during rapid thermal annealing 81457
Huang, T.H. *see* Hwang, C.S. 87448
Huang, T.S., Fang, R.S. Barrier height enhancement of Pt/n-InP Schottky diodes by $P_2S_5/(NH_4)_2S$ solution treatment of the InP surface 55870
Huang, T.S., Jean, S.M. Characteristics of Ta and Ta-Al alloy Schottky contacts to n-GaAs 62308
Huang, T.S. *see* Chen, C.W. 88455
Huang, T.S. *see* Gharavi-Alkhansari, M. 85021
Huang, T.S. *see* Lew, M.S. 84736
Huang, T.S. *see* Qian, R.J. 57789
Huang, T.S. *see* Yang, G. 96020
Huang, T.S. *see* Zhong, J. 87602
Huang, T.Y. *see* Xu, B. 95356
Huang, V.K.L. *see* Jainandunsing, K. 84161
Huang, W., Hobbs, B.F. Optimal SO_2 compliance planning using probabilistic production costing and generalized benders decomposition 60079
Huang, W., Kishk, A.A., Glisson, A.W. Analysis of a thick monopole antenna loaded with dielectric material 83805
Huang, W., Sloan, D.M. A new pseudospectral method with upwind features 48861
Huang, W. *see* Antonuk, L.E. 59363
Huang, W. *see* Antonuk, L.E. 88432
Huang, W. *see* Antonuk, L.E. 98846
Huang, W. *see* Morton, E.J. 88066
Huang, W. *see* Morton, E.J. 98676
Huang, W.-P. *see* Hong, J. 94494
Huang, W.-P. *see* Xu, C.-L. 50533
Huang, W.M., Klein, K., Grimaldi, M., Racanelli, M., Ramaswami, S., Tsao, T., Foerstner, J., Hwang, B.Y. TFSOI BiCMOS technology for low power applications 93676
Huang, W.M., Ma, Z.J., Racanelli, M., Hughes, D., Ajuria, S., Huffman, G., Ong, T.P., Ko, P.K., Hu, C., Hwang, B.Y. ULSI-quality gate oxide on thin-film-silicon-on-insulator 93629
Huang, W.P. *see* Mao, Z.M. 64194
Huang, W.P. *see* Xu, C.L. 82861
Huang, W.P. *see* Xu, C.L. 94928
Huang, W.S. *see* Jagannathan, P. 81615
Huang, W.V. *see* Jianxin Tang 77871
Huang, W.X. *see* Collins, S.F. 65929
Huang, X., Belin, M., Alleva, F., Hwang, M. Unified stochastic engine (USE) for speech recognition 84110
Huang, X. *see* Alleva, F. 84036
Huang, X. *see* Hwang, M.-Y. 84037
Huang, X.R. *see* Kral, S.F. 90470
Huang, Y. Control system architecture for intelligent space robot 77115
Huang, Y., Komori, K., Kudo, K., Arai, S. Saturation characteristics of $Ga_{0.68}In_{0.32}As/GaInAsP/InP$ tensile-strained quantum-well semiconductor laser amplifiers with tapered-waveguide structures 83116
Huang, Y., Machida, S., Gerig, R. Emittance growth in MEB and its control 87882
Huang, Y., Sistla, P., Wolfson, O. Data replication for mobile computers 65343
Huang, Y., Tamura, Y. Investigation of the stability of power system governed by Duffing's equation 88975
Huang, Y. *see* Collins, E.R., Jr. 89996
Huang, Y. *see* Ghosal, D. 65423
Huang, Y. *see* Kumar, U. 60669
Huang, Y. *see* Mao, J.M. 71158
Huang, Y.-H. *see* Luo, W.-G. 49004
Huang, Y.-T. *see* Tsai, Y.-K. 85984
Huang, Y.C., Wang, H.C., Pantell, R.H., Feinstein, J., Harris, J. Performance characterization of a far-infrared, staggered wiggler 53114
Huang, Y.C., Wang, H.C., Pantell, R.H., Feinstein, J., Lewellen, J.W. A staggered-array wiggler for far-infrared, free-electron laser operation 72930
Huang, Y.C. *see* Qiu, M.W. 83033
Huang, Y.F. *see* Soon, V.C. 57565
Huang, Y.F. *see* Zeng, W.J. 85059
Huang, Y.H. *see* Chin, T.S. 50188
Huang, Y.H. *see* Lin, C.-H. 50187
Huang, Y.L., Edgar, T.F., Himmelblau, D.M., Trachtenberg, I. Constructing a reliable neural network model for a plasma etching process using limited experimental data 81499
Huang, Y.M. *see* Gao, Y. 53222
Huang, Y.S., Sridhar, S., Baliga, B.J. Junction and dielectrically isolated lateral ESTs for power ICs 56067
Huang, Y.S., Suen, C.Y. The behavior-Knowledge Space Method for combination of multiple classifiers 96011
Huang, Y.S. *see* Aronson, D.G. 56268
Huang, Y.S. *see* Sridhar, S. 62665
Huang, Y.S. *see* Sunkavalli, R. 93437
Huang, Y.Z. *see* Bai, J.Z. 53324
Huang, Z. *see* Zilouchian, A. 57568
Huang, Z. *see* Zilouchian, A. 70748
Huang, Z.-H., Cutler, P.H., Miskovsky, N.M., Sullivan, T.E. Calculations of capacitance and electric field of a vacuum field effect device 62079
Huang, Z.Z., Lu, H.M., Yin, Z.W. Influence of sintering condition on microstructure development of $BaTiO_3$ based PTCR materials 54985
Huang Baibiao *see* Baibiao Huang
Huang Bihua *see* Jiao Lianbo 77936
Huang Bin-Juine *see* Bin-Juine Huang
Huang Chang *see* Yu Shan 62984
Huang Chang *see* Yu Shan 63014
Huang Chang *see* Yu Shan 81931
Huang Chang-Horng *see* Chang-Horng Huang
Huang Chaofeng *see* Zhang Renyu 99737
Huang Chaug-Ching *see* Chaug-Ching Huang
Huang Chen-June *see* Chen-June Huang
Huang Chen-Tang *see* Chen-Tang Huang
Huang Cheng-Liang *see* Cheng-Liang Huang
Huang Chenghang *see* Chenghang Huang
Huang Chengqing *see* Tian Wenshun 85470
Huang Chenhong *see* Chenhong Huang
Huang Chi-Hung *see* Chi-Hung Huang
Huang Chi-Lai *see* Chi-Lai Huang
Huang Chi-Yen *see* Chi-Yen Huang
Huang Chiang-Tsang *see* Chiang-Tsang Huang
Huang Chiang-Tsung *see* Chiang-Tsung Huang
Huang Chien-Chang *see* Chien-Chang Huang
Huang Chien-Hsiu *see* Chien-Hsiu Huang
Huang Chien-Min *see* Chien-Min Huang
Huang Chih-Yao *see* Chih-Yao Huang
Huang Chimoon *see* Chimoon Huang
Huang Ching-Ju *see* Ching-Ju Huang
Huang Ching-Lien *see* Ching-Lien Huang
Huang Chiung-Yi *see* Chiung-Yi Huang
Huang Chongchao *see* Chongchao Huang
Huang Chung-Lin *see* Chung-Lin Huang
Huang Chung-Ming *see* Chung-Ming Huang
Huang Chung-Po *see* Chung-Po Huang
Huang Chunhua *see* Dai Hongwei 99616
Huang Dalu *see* Chen Xianming 89906
Huang Daming *see* Daming Huang
Huang De-Xiang *see* De-Xiang Huang
Huang Di-Hui *see* Di-Hui Huang
Huang Dingcheng, Li Haisheng Design of the Hebei southern power network dispatching training model system 99665
Huang Dingyuan The halfcontrolled 3-phase bridge commutation circuit without runaway for synchronous machine with thyristor excitation system 89898
Huang Dinjiang *see* Wei Liutao 53701
Huang Donghui, Zhang Shaohe, Zhang Dongxia The application of the describing function in power system 53679
Huang Duen-Tay *see* Duen-Tay Huang
Huang Eng-Fong *see* Eng-Fong Huang
Huang Fang-Yu *see* Fang-Yu Huang
Huang Feili *see* Feili Huang
Huang Ge *see* Yuliang Liu 50707
Huang Gen-Tay *see* Gen-Tay Huang
Huang Guoliang *see* Guoliang Huang
Huang Guosong *see* Shan Zhenguo 50787
Huang Hao *see* Hao Huang
Huang Heng-Sheng *see* Heng-Sheng Huang
Huang Ho-Chao *see* Ho-Chao Huang
Huang Ho-Chung *see* Ho-Chung Huang
Huang Hong *see* Liu Dekang 59016
Huang Hong-Yi *see* Hong-Yi Huang
Huang Hongcun *see* Tan Jiancheng 89168
Huang Huei Li *see* Huei Li Huang
Huang Hui-Jun, Chen Ming-Xun A new approach to sliding mode control of PMSM position-servo system 100086
Huang Ing-Jer *see* Ing-Jer Huang
Huang Jau-Hsiung *see* Jau-Hsiung Huang
Huang Jen-Kuang *see* Jen-Kuang Huang
Huang Jeng-Wen *see* Jeng-Wen Huang
Huang Ji-Rong A new mathematic description for inverter-AC motor system in step rotating reference frame 100825
Huang Jiadong *see* Jiadong Huang
Huang Jianguo *see* Jianguo Huang
Huang Jianlin *see* Xiao Xudong 50974
Huang Jiapo Study of client/server distributed SCADA system 53687
Huang Jiayu *see* Sun Dechang 99432
Huang Jie *see* Jie Huang
Huang Jifu *see* Jifu Huang
Huang Jinen *see* Wu Longan 93425

Huang Jow-Lay *see* Jow-Lay Huang
Huang Kao Yao *see* Yao Huang Kao
Huang Kao-Yang *see* Kao-Yang Huang
Huang Kean Radio determination and communication experimental system (RDCES) using two satellites 75687
Huang Keh-Ching *see* Keh-Ching Huang
Huang Kou-Yuan *see* Kou-Yuan Huang
Huang Kuen-Yen *see* Kuen-Yen Huang
Huang Kunsong *see* Kunsong Huang
Huang Le *see* Li Yunqing 70166
Huang Liming *see* Wei Yongtian 89727
Huang Lin *see* Lin Huang
Huang Lipei *see* Li Yong 100831
Huang Lipei *see* Lipei Huang
Huang Liuxing *see* Cao Juncheng 62627
Huang Liying *see* Liying Huang
Huang Mei *see* Mu Gang 53997
Huang Ming-Yang *see* Ming-Yang Huang
Huang Ming-Yaw *see* Ming-Yaw Huang
Huang Nen-Fu *see* Nen-Fu Huang
Huang Pei Kang *see* Pei Kang Huang
Huang Ping-Hue *see* Ping-Hue Huang
Huang Po-Chuang *see* Po-Chuang Huang
Huang Pu-jiang *see* Pu-jiang Huang
Huang Qi-Bai, Lu Wen-Xiang, Wu Ya, Qiao Xiu-Juan, Wang Xue-Chuan, Shi Han-Min Study on the measurement, analysis and noise source identification of home air conditioner 59002
Huang Qian *see* Qian Huang
Huang Qiang *see* Qiang Huang
Huang Qijun *see* He Mincai 52844
Huang Ronghua, Xiu Muhong, Li Ming Measurement of harmonics produced by electronic ballast and their influence on power systems 54253
Huang Ruey-Shing *see* Ruey-Shing Huang
Huang Ruji *see* Xu Xianman 91274
Huang Shan-Hsi *see* Shan-Hsi Huang
Huang Shanglian, Luo Fei, Pan Yingjun A fiber optic sensor for measuring distributed forces 66384
Huang Shih-Chi *see* Shih-Chi Huang
Huang Shing-Tsaan *see* Shing-Tsaan Huang
Huang Shipeng *see* Luo Yingli 89740
Huang Shipeng *see* Luo Yingli 89741
Huang Shouhua *see* Shouhua Huang
Huang Shu-Chuan *see* Shu-Chuan Huang
Huang Shunji *see* Yang Jianyu 97388
Huang Shutao Using neutron activated radiography (NAR) and image processing technology to extract the distribution and location of the elements in geological samples 64845
Huang Shuxin *see* Shuxin Huang
Huang Sung-Cheng *see* Sung-Cheng Huang
Huang Tao *see* Tao Huang
Huang Tian-Wei *see* Tian-Wei Huang
Huang Tiexia *see* Zhang Guanghui 84474
Huang Tiexia *see* Zhou Xiaomai 86492
Huang Tinge Hui *see* Tinge Hui Huang
Huang Tong *see* Tong Huang
Huang Wei-Ping *see* Wei-Ping Huang
Huang Weidong *see* Weidong Huang
Huang Weizhang *see* Weizhang Huang
Huang Wen Chang *see* Wen Chang Huang
Huang Wen Hao *see* Yang Sheng Yuan 56181
Huang Wen Zheng *see* Wen Zheng Huang
Huang Wen-Chih *see* Wen-Chih Huang
Huang Wen-Tao *see* Wen-Tao Huang
Huang Wu-Song *see* Wu-Song Huang
Huang Xiangfu *see* Chen Hui 80682
Huang Xianrui *see* Xianrui Huang
Huang Xiao-Dong *see* Xiao-Dong Huang
Huang Xiaogang, Qin Zhuyin A novel digital control circuit of single phase PWM invertor with high switching frequency 100366
Huang Xiaokang *see* Xiaokang Huang
Huang Xiaoqin *see* Xiaoqin Huang
Huang Xin *see* Xin Huang
Huang Xinming *see* Xinming Huang
Huang Xinping *see* Xinping Huang
Huang Xu-Guang *see* Lin Wei-Zhu 50751
Huang Yan *see* Yan Huang
Huang Yang-Tung *see* Yang-Tung Huang
Huang Yen-Min *see* Yen-Min Huang
Huang Yi *see* Yi Huang
Huang Yichuan *see* Yichuan Huang
Huang Yidong *see* Yidong Huang
Huang Yih-Fang *see* Yih-Fang Huang
Huang Yimin *see* Yimin Huang
Huang Ying-Jieh *see* Ying-Jieh Huang
Huang Yingju *see* Ma Weixin 89051
Huang Yingju *see* Yuan Bin 53606
Huang Yinglei *see* Yinglei Huang
Huang Yizhuang, Li Chunguang, Liu Jianzheng Multifunctional directional transversal difference protection device by microcomputer 99751
Huang Yong *see* He Jin-Liang 99746
Huang Yonghong, Mao Shiyi Doppler parameter estimation for spaceborne Synthetic Aperture Radar (SAR) 97415
Huang Yonghong *see* Yonghong Huang
Huang Yongzhang, Wu Gang Transient beam loading problem in constant gradient accelerator structure 59027
Huang Yongzhang, Wu Gang A re-entrant cavity and its cathode structure for a thermionic microwave gun 92871
Huang Yongzhang *see* Xie Jialin 72933
Huang Youshu *see* Youshu Huang
Huang Yu-Wen *see* Yu-Wen Huang
Huang Yue-Wei *see* Hsieh Chen-Huei 98306
Huang Yun-Qing Time discretization schemes for an integro-differential equation of parabolic type 79719
Huang Yun-Qing, Chen Yan-Ping The superconvergence and asymptotically exact a posteriori error estimate of the finite element on k-mesh 79737
Huang Yung-Chi *see* Yung-Chi Huang
Huang Yuzheng *see* Yuzheng Huang
Huang Zailu *see* Zhang Guanghui 84474
Huang Zhao-Jian *see* Wei Guang-Pu 100468
Huang Zhaochen *see* Zhaochen Huang
Huang Zhaofeng *see* Zhaofeng Huang
Huang Zhaohui *see* Zhaohui Huang
Huang Zhen-Qi *see* Zhen-Qi Huang
Huang Zhenli, Li Yuliang, Yu Changzhao Concentration measurement and its two-dimensional digital calibration by a PLIF technique 98346
Huang Zhong-Shou *see* Zhong-Shou Huang
Huang Zhubo *see* Zhubo Huang
Huang-Chung Cheng *see* Cheng-Tung Lin 71171
Huang-Chung Cheng *see* Jyi-Jhy Sze 93059
Huang-San Chen *see* Mussman, H. 75424
Huang-tiaXia *see* Yan-puLiu 74715
Huang-Tien Lin, Yean-Woei Kiang Microwave imaging for a dielectric cylinder 74564
Huang-tieXia *see* Yan-puLiu 74651
Huanquan Wang *see* Wang Huanquan
Huanshui Zhang *see* Zhang Huanshui
Huanyi Li *see* Li Huanyi
Huanyu Yu *see* Bandler, J.W. 49051
Huanzhang Lu, Huifang Chen A CF-based algorithm for moving dot target detection in FLIR image sequence 85074
Huaqiao Xu *see* Xu Huaqiao
Huard, S.J. *see* Giovannini, H.R. 58803
Huard, S.J. *see* Konan, D. 76055
Huashi Zhou *see* Zhou Huashi
Huawu Wei *see* Lianhong Cai 95338
Huaxiang Lu *see* Lu Huaxiang
Huay-Chung Liou *see* Wei-Tou Ni 86822
Huayao Zheng *see* Zheng Huayao
Huaying Shu *see* Shu Huaying
Huayong Pan *see* Jifan Hu 71926
Huba, G. 16-bit microcontrollers for industry, data systems and automotive electronics 70571
Hubaux, J.-P. *see* Grunenfelder, R. 58177
Hubbard, A. *see* Broberg, R. 53467
Hubbard, A. *see* Broberg, R. 88552
Hubbard, B. *see* Unno, Y. 98558
Hubbard, G.S., McMurray, R.E., Jr., Keller, R.G., Wercinski, P.F., Walton, J.T., Wong, Y.K. Variable temperature performance of a Si(Li) detector stack 88069
Hubbard, G.S., McMurray, R.E., Jr., Keller, R.G., Wercinski, P.F., Walton, J.T., Wong, Y.K. Variable temperature performance of a Si(Li) detector stack 98614
Hubbard, G.S. *see* McMurray, R.E., Jr. 59110
Hubbard, R.R., Kowald, E.E. Discussion group: Impact of new user applications on the telecommunications markets in the '90s 85489
Hubbard, S.F., Singer, K.D., Li, F., Cheng, S.Z.D., Harris, F.W. Nonlinear optical studies of a fluorinated poled polyimide guest-host system 73065
Hubbard, T.J., Antonsson, E.K. Emergent faces in crystal etching 62486
Hubbel, Y.C., Sweetra, C. Inrush current requirements analysis for FAA facility power systems 67984
Hubbell, J.H. *see* Todorov, P.G. 54651
Hubbert, J. *see* Chandrasekar, V. 99204
Hubbert, J.C. A comparison of radar, optic, and specular null polarization theories 88853
Hubbi, W., Halak, M. Operational problems with large induction motors connected to a small power system 89994
Hubbs, J.E. *see* Perry, D.L. 66160
Huber, A. Open and fully distributed architecture for an energy management system 53630
Huber, A. *see* Pantazis, J. 88314
Huber, A. *see* Pantazis, J. 98600
Huber, A.C. *see* Jordanov, V.T. 98672
Huber, A.C. *see* Oberhardt, M.R. 88633
Huber, D.A., Olsen, L.C., Addis, F.W. Minority carrier properties of GaAs films grown by MOCVD on ZnSe-coated silicon 91601
Huber, D.A. *see* Olsen, L.C. 100662
Huber, D.L., Green, M.A., Hansen, R., Hochst, H., Reininger, R., Rowe, E., Trzeciak, W., Tonner, B.P. SRC: current activities and plans for the future 88273
Huber, E., Baker, K. Confidence assessment for stereo depth mapping using a PRISM-3 84585
Huber, F.H. La Poste — developing and implementing a private wide area data network 85819
Huber, G. CMW introduction 96758
Huber, G. *see* Beier, B. 56670
Huber, G. *see* Danger, T. 56676
Huber, G. *see* Danger, T. 82987
Huber, G. *see* Heine, F. 72763
Huber, G. *see* Jensen, T. 56669
Huber, G. *see* Meyn, J.-P. 63730
Huber, G. *see* Meyn, J.-P. 94377
Huber, G.W., Shah, G. Continuous emission monitoring at Ohio Edison power plants 89610
Huber, H. *see* Bruchhaus, R. 79911
Huber, H. *see* Cremer, C. 86019
Huber, H.-L. *see* Simon, K. 81588
Huber, H.E., Redmond, J.A., McDonald, J.R. Multi-attribute tradeoff analysis applied to long-term generation planning 59890
Huber, J., Wachsmann, U. Capacities of equivalent channels in multilevel coding schemes 51287
Huber, J. *see* Abe, K. 88115
Huber, J. *see* Antilogus, P. 59064
Huber, J. *see* Antilogus, P. 59127
Huber, J.L., Reed, M.A., Kramer, G., Adams, M., Fernando, C.J.L., Frensley, W.R. Resonant interband and intraband tunneling in InAs/AlSb/GaSb double barrier diodes 62668
Huber, J.L. *see* Deshpande, M.R. 62624
Huber, L., Borojevic, D., Zhuang, X.F., Lee, F.C. Design and implementation of a three-phase to three-phase matrix converter with input power factor correction 60529
Huber, L., Sable, D., Hua, G., Lee, F.C., LaPrade, N. Design of a high-efficiency power converter for a satellite solid-state power amplifier 67733
Huber, L. *see* Espinosa, P. 64114
Huber, M. *see* Schnekenburger, T. 52163
Huber, M.E. *see* Nam, S.W. 93948
Huber, M.N., Osborne, R. Architecture of an all-optical ring network 86396
Huber, M.N. *see* Franz, R. 51920
Huber, M.P. Data cabling in buildings according to the new ISO standards 86029
Huber, P. *see* Aigner, R. 58875
Huber, W.D., Fisher, R.D. Optimal bit aspect ratio for maximum areal density 50327
Hubers, H.-W., Schwaab, G.W., Roser, H.P. Video detection and mixing performance of GaAs Schottky-barrier diodes at 30 THz and comparison with metal-insulator-metal diodes 49652
Hubert, A. *see* Ramstock, K. 71942
Hubert, G. *see* Vietti, A. 99862
Hubert, M. *see* Uttamchandani, D. 50493
Hubert, P.M., Oliver, R., Brisebois, S.E. Hybrid fiber coax: A good evolution strategy for existing access architectures 86391
Hubert, S. *see* Guillon, F. 53092
Hubert, S. *see* Meichenin, D. 72786
Hubik, P. *see* Stepanek, B. 54815
Hubing, N. *see* Graf, J.T. 84044
Hubler, E., Hanisch, B. Outdoor long-term experience with cycloaliphatic epoxy systems 99738
Hubler, P. *see* Streil, T. 58691
Hubner, H., Engelhardt, M. Neutral particle flux calculations in plasma etching for cylindrical trench holes 81547
Hubner, H., Valenzuela, A.A. Radio frequency performance of superconducting thin films in high magnetic fields 63286
Hubner, J. *see* Fehn, T. 73084
Hubschmid, W., Bombach, R., Gerber, T. Time-resolved measurements of statistics for a Nd:YAG laser 82999
Huc, P. *see* Renovell, M. 49400
Hucang He *see* Zhigang Zhang 57961
Hucik, S.A. *see* Berglund, R.C. 89532
Huck, A. Independent trees in graphs 48798
Huck, A. *see* Moszynski, M. 98544
Huck, F.O., Fales, C.L., Alter-Gartenberg, R., Rahman, Z.-U. Visual communication: information and data transmission 85463
Hudak, G.J., Rankin, S.D., Bartholomew, R.G. The enhanced miniaturized airborne GPS receiver 67709
Hudasch, M. *see* Schwerz, H. 60279
Huddleston, D.G., Trott, K.D., Walker, J.R., Jr., Britt, P.P. The research and seeker emulation radar (RASER) 77781
Huddleston, J.D., III *see* McElray, J.L. 78228
Huddleston, J.D., III *see* Strang, W.M. 89255
Hudec, G. Identification Friend or Foe systems in the Navy 99402
Hudec, L. *see* Nahlik, J. 94560
Hudec, L. *see* Siroky, K. 66584
Hudecova, M., Polec, J., Vargic, R., Pavlovicova, J. One application of homomorphic filtering 74293
Hudek, P. *see* Rangelow, I.W. 62607
Huder, B. Antenna for a millimetric-wave proximity sensor 57242
Huder, W.G.B. *see* Grabherr, W. 80749
Hudgens, R., Meyer, S., Small, B., Salzman, K., Rhine, D., Class, R. Process control for 0.25 μm GaAs microwave monolithic integrated circuits 80736
Hudgins, B. *see* Danisch, L. 76026
Hudli, A.V., Hudli, R.V. Finding small feedback vertex sets for VLSI circuits 82042
Hudli, R.V. *see* Hudli, A.V. 82042
Hudon, S. *see* Allard, P.E. 95219
Hudson, B. Phased array element in-situ insertion phase measurement 75606
Hudson, C.L., Kocimski, S.M., Spector, J., Thomas, J.B., Woodstra, R.R. A 10 GHz bandwidth, single transient, digitized oscilloscope with 20 GHz capability 98457
Hudson, D.A. *see* Grove, M.J. 71337
Hudson, E.T. A generic electronics assembly platform 92815
Hudson, H.E. Telecommunications applications for education and rural development: A comparison

of the Australian outback and Canadian north 96383
Hudson, J.L. *see* Rico-Martinez, R. 57571
Hudson, N.R. *see* Jervis, B.W. 98907
Hudson, R.P. *see* Rusby, R.L. 86959
Hudson, T.D. *see* Friday, W.A. 53569
Hue, L. *see* Billon, D. 77330
Huebener, R.P. *see* Lemke, S. 67298
Huebner, P. *see* Lemke, S. 67298
Huegel, R. *see* Forman, G.A. 54515
Huei Li Huang, Tsauh Hong Chen Equilibrium configuration of the zigzag walls in recording media 71999
Huei Li Huang *see* Jing Ju Lu 63218
Huei Wang, Chang, K.W., Lo, D.C.W., Tan, K.L., Streit, D., Dow, G.S., Allen, B.R. Monolithic 23.5 to 94 GHz frequency quadrupler using 0.1 μm pseudomorphic AlGaAs/InGaAs/GaAs HEMT technology 49668
Huei Wang, Kun-Mu Chen, Ying-Quan Liang Integral equations for the induced EM fields in finite heterogeneous bodies with arbitrary electric and magnetic parameters 51033
Huei-Tsan Lin *see* Wen-Tao Huang 69530
Huerou, J.-Y.Le *see* Le Huerou, J.-Y.
Huerou, J.Y.Le *see* Le Huerou, J.Y.
Huerta, A., Casadei, F. New ALE applications in non-linear fast-transient solid dynamics 69901
Huertas, J.L., Sanchez-Solano, S., Barriga, A., Baturone, I. A fuzzy controller using switched-capacitor techniques 49588
Huertas, J.L., Sanchez-Solano, S., Barriga, A., Baturone, I. A hardware implementation of fuzzy controllers using analog-digital VLSI techniques 62993
Huertas, J.L. *see* Avedillo, M.J. 70398
Huertas, J.L. *see* Baturone, I. 55350
Huertas, J.L. *see* Espejo, S. 80520
Huertas, J.L. *see* Medeiro, F. 91799
Huertas, J.L. *see* Vazquez, D. 49541
Huertas, J.L. *see* Yufera, A. 80422
Huertas, P., Doter, M.L., Postigo, P.A., Golmayo, D., Briones, F. Residual doping reduction in InP grown at low temperature by atomic layer molecular beam epitaxy 81461
Hues, S.M., Draper, C.F., Lee, K.P., Colton, R.J. Effect of PZT and PMN actuator hysteresis and creep on nanoindentation measurements using force microscopy 56180
Hueschen, R.M. *see* Van Graas, F. 88655
Huesman, R.H. *see* Baker, J.R. 59332
Huesmann, G. *see* Tyll, H.K. 68050
Huet, F. *see* Devaux, F. 75513
Huet, F. *see* Devaux, F. 94187
Huet, F. *see* Ghirardi, F. 86321
Huet, F. *see* Gibassier, C. 75396
Huet, F. *see* Ougazzaden, A. 56435
Huet, F. *see* Souli, N. 97233
Huet, K. *see* von Apeldoorn, G. 88116
Huet, O. *see* Pribat, D. 58930
Huettl, T. *see* Baum, J. 78987
Huettner, D.A. Embracing the buyer's market for knowledge 69481
Huey-Daw Wu, Zhihang Zhang, Barnes, F., Jackson, C.M., Kain, A., Cuchiaro, J.D. Voltage tunable capacitors using high temperature superconductors and ferroelectrics 80910
Huey-Ing Liu *see* Nen-Fu Huang 65332
Huey-Lin Hsieh *see* In-Chyuan Ho 55437
Huey-Min Wang, Wei-Yu Lee, Jang-Jeng Liang, Shug-June Hwang A numerical technique for analysis of arbitrarily shaped inhomogeneous optical waveguides 56392
Huey-Yih Wang, Brayton, R.K. Permissible observability relations in FSM networks 91995
Huey-Yih Yang *see* Hong-Ming Lin 87325
Huff, B.L. *see* Porco, R.L. 59538
Huffaker, D.L., Deppe, D.G., Kumar, K., Rogers, T.J. Native-oxide defined ring contact for low threshold vertical-cavity lasers 72811
Huffaker, D.L., Deppe, D.G., Rogers, T.J. Transverse mode behavior in native-oxide-defined low threshold vertical-cavity lasers 83128
Huffaker, D.L. *see* Hansing, C.C. 50825
Huffel, S.Van *see* Van Huffel, S.
Huffer, W.E., Ruegg, P., Zhu, J.-M., Lepoff, R.B. Semiautomated methods for cancellous bone histomorphometry using a general-purpose video image analysis system 76964
Huffman, B. *see* Unekawa, Y. 70548
Huffman, G. *see* Bich-Yen Nguyen 71376
Huffman, G. *see* Huang, W.M. 93629
Huffman, M. *see* Hayashi, S. 70489
Huffman, M. *see* McMillan, L.D. 82149
Huffman, W.A. *see* Unekawa, Y. 49419
Huffstater, K.E. *see* Jerome, R.C. 93585
Hugel, H. *see* Giesen, A. 56668
Hugel, J. *see* Steiner, F.P. 79168
Hugel, T. *see* Roth, A. 77716
Hugentobler, E. *see* Borer, K. 76790
Hugge, P.B. A quality process approach to electronic systems reliability 54591
Hugge, P.B. Field results demonstrate reliability gains through improved cooling 88686
Huggins, C. *see* Hardingham, C. 100742
Hughen, J.H., Baker, A.B., Sullivan, D.J. Demonstration of a SAR mode for a lightweight 35 GHz MMW radar 65918
Hughes, B., Perdomo, J., Kondoh, H. 12 GHz low-noise MMIC amplifier designed with a noise model that scales with MODFET size and bias 49659
Hughes, B. *see* Niedringhaus, W.P. 58111
Hughes, B.L. *see* Thomas, T.G. 95059
Hughes, D. *see* Huang, W.M. 93629
Hughes, D. *see* Lines, B.M. 52108
Hughes, D.C. *see* Matthew, R.G.S. 90822
Hughes, E. *see* Brandys, T. 76837
Hughes, E. *see* Shapiro, G. 76455
Hughes, E.A. *see* Clarke, J.A. 87809
Hughes, E.A. *see* Quinn, P.D. 98464
Hughes, E.A. *see* Svensson, A. 76860
Hughes, E.A. *see* Welbourne, L.A. 87820
Hughes, E.W. *see* Kawall, D. 98563
Hughes, F.M. *see* Saidy, M. 53999
Hughes, G. *see* Beaumont, S.P. 88037
Hughes, H. *see* Krunz, M. 52214
Hughes, H. *see* Libby, M. 52215
Hughes, H.L. *see* Cristoloveanu, S. 71641
Hughes, H.L. *see* Lambert, R.J. 62321
Hughes, H.L. *see* Lambert, R.J. 93145
Hughes, H.L. *see* Revesz, A.G. 93076
Hughes, H.L. *see* Zaleski, A. 93477
Hughes, J. Use of computer graphics for enhancing microelectronics courses in satellite video programs 60795
Hughes, J. *see* Norton, P.W. 91524
Hughes, J.A. *see* Bentley, R. 99128
Hughes, J.B., Moulding, K.W. An 8 MHz, 80 Ms/s switched-current filter 92367
Hughes, J.B. *see* Osman, M.S.A. 91334
Hughes, J.P., Franta, W.R. Geographic extension of HIPPI channels via high speed SONET 58104
Hughes, J.R., Bannister, R.W., Graham, A., McDonnell, D.G., Pedlingham, H.A., Scattergood, D.C., Smith, C.J.T. A high resolution ferroelectric liquid crystal display 98226
Hughes, J.S. *see* Smith, G.M. 50821
Hughes, J.S. *see* Smith, G.M. 72912
Hughes, K., Ranganathan, N. A model for determining sensor confidence 52823
Hughes, K.B. High-Power Solid-State Switch Test Facility: applications and capabilities 60934
Hughes, K.B., Schauder, C.D., Gernhardt, M.G., Stacey, E.J. Effect of snubber circuit parameters on the turn-off voltage spike of large GTO thyristors 68737
Hughes, M.A. Distribution automation to improve customer service in the United Kingdom 59916
Hughes, M.K.Y. *see* Elezzabi, A.Y. 63963
Hughes, M.S. Analysis of digitized waveforms using Shannon entropy. II. High-speed algorithms based on Green's functions 57447
Hughes, M.S. NDE imaging of flaws using rapid computation of Shannon entropy 99367
Hughes, O.H. *see* Foxon, C.T. 54836
Hughes, R. *see* Amidei, D. 98639
Hughes, R.A. *see* Hegmann, F.A. 66356
Hughes, R.C. *see* Rodriguez, J.L. 66589
Hughes, S.T. *see* Dargie, P.G. 97880
Hughes, S.W. *see* Lemieux, L. 88422
Hughes, T. AC servomotors hold sway in high-rise buildings 78768
Hughes, T. Motorized drive gives linear motion with resolution better than 0.1 μm 78771
Hughes, T. Arc-spray metallizing: where DC motors & SCR drives still win 78847
Hughes, T. *see* Kauppila, T. 71028
Hughes, T.A. *see* Wentai Liu 80278
Hughes, T.A., Jr. *see* Gray, C.T. 52782
Hughes, T.A.T., Liu, P., Griffiths, H., Lawrie, B.W., Wiles, C.M. An analysis of studies comparing electrical impedance tomography with X-ray videofluoroscopy in the assessment of swallowing 67583
Hughes, T.P. *see* Carlson, R.L. 67019
Hughes, W.C. *see* Eason, D.B. 72622
Hughes Clarke, J. Toward remote seafloor classification using the angular response of acoustic backscattering: a case study from multiple overlapping GLORIA data 59533
Hughes Clarke, J.E., Mayer, L.A., Mitchell, N.C., Godin, A., Costello, G. Processing and interpretation of 95 kHz backscatter data from shallow-water multibeam sonars 99142
Hugo, D.Von *see* Von Hugo, D.
Hugon, M.C. *see* Pribat, D. 58930
Hugon, R. *see* Ouennoughi, Z. 55876
Huguet, J. *see* Torres, L. 51653
Huguet, L. *see* Cohen, G. 73655
Huguley, J.T., Jr. *see* Rice, R.P. 79192
Hugus, G.D. *see* Pecoraro, M.L. 97461
Huh Ha Heon *see* Ha Heon Huh
Huh Sungjin *see* Sungjin Huh
Huhnerfuss, H., Alpers, W., Gericke, A., Lange, P.A., Theis, R., Wismann, V. Classification of sea slicks by multi-frequency radar techniques: the influence of the temperature and of the morphology affect on water wave damping 99265
Huhnerfuss, H., Gericke, A., Alpers, W., Theis, R., Wismann, V., Lange, P.A. Classification of sea slicks by multifrequency radar techniques: new chemical insights and their geophysical implications 67845
Huhnerfuss, H. *see* Wismann, V. 99266
Huhnerfuss, H. *see* Wismann, V. 99301
Huhtinen, M., Orava, R., Pimia, M., Tuuva, T., Ylostalo, J., Osterberg, K., Eranen, S., Leinonen, K., Hietanen, I., Turchetta, R., Schaeffer, M. Single-sided stereo angle silicon strip detector 59073
Hui, C.W., Ahmad, S. Total site heat integration using the utility system 60644
Hui, D. *see* Lyons, D.F. 85061
Hui, J., Huan, H.C. Range migration correction of spaceborne SAR 88662
Hui, J. *see* Kolarov, A. 65431
Hui, J.Y., Renner, T. Queueing analysis for multicast packet switching 51754
Hui, K.P., Cheung, Y.S., Leung, C.H. Computer texture boundary detection based on human visual perception model 95895
Hui, K.Y. *see* Mansun Chan 62988
Hui, L.C.K., Lam, K.-Y. Fast square-and-multiply exponentiation for RSA 83935
Hui, M. *see* Calvert, J. 66819
Hui, P., Tan, H.S. A transmission-line theory for heat conduction in multilayer thin films 83726
Hui, R., Jiang, Q., Kavehrad, M., Makino, T. All-optical phase modulation in a traveling wave semiconductor laser amplifier 72921
Hui, R., Kavehrad, M., Makino, T. External feedback sensitivity of partly gain-coupled DFB semiconductor lasers 83089
Hui, R., McInerney, J.G., Montrosset, I. Synchronization of regenerative gain-switched picosecond optical pulse with an optical data stream 50917
Hui, R. *see* Zhou, J. 50941
Hui, S. *see* Bond, J. 95566
Hui, S. *see* Lee, Y.-H. 62999
Hui, S. *see* Lee, Y.-H. 93414
Hui, S. *see* Lentine, A.L. 86022
Hui, S.C., Foo, S., Leong, P.C., Daroy, C.J. A multimedia electronic mail system on a heterogeneous environment 85609
Hui, S.Y.R., Fung, K.K., Christopoulos, C. Decoupled simulation of DC-linked power electronic systems using transmission-line links 60304
Hui, S.Y.R., Fung, K.K., Zhang, M.Q., Christopoulos, C. Generalised variable-time-step TLM technique for electrical circuit analysis 55058
Hui, S.Y.R. *see* Fung, K.K. 55055
Hui, W.K., Wolff, I. A multicomposite, multilayered cylindrical dielectric resonator for application in MMIC's 49671
Hui An *see* An Hui
Hui Bon Hoa, D. *see* Gay, E. 86438
Hui Bon Hoa, D. *see* Le Ligne, M. 65777
Hui Bon Hoa, D. *see* Morvan, M. 52496
Hui Chen *see* Chen Hui
Hui Dang *see* Dang Hui
Hui Fang *see* Pan-Tai Liu 74129
Hui Feng *see* Feng Hui
Hui Guanghui, Tian Wenshun, Ni Weizhen, Wang Dejun Real-time implementation of 16 kb/s low-delay CELP speech coding algorithm on a TMS320C30 85955
Hui Guanghui *see* Tian Wenshun 85956
Hui Huang Tinge *see* Tinge Hui Huang
Hui Kang, Yuan-Ling Zhan, Jiang-Ying Zhang, Xiao-Dong Huang, Xiao-Ying Zhu Optical perfect-shuffle network implementation by use of an ordinary imaging system and holographic gratings 56474
Hui Li *see* Tao Yang 48747
Hui Li *see* Li Hui
Hui Liu *see* Fu Li 51447
Hui Liu *see* Loung Goung 57846
Hui Liu *see* Liu Hui
Hui Mengjun *see* Mengjun Hui
Hui Min Wang, Chung Len Lee, Chen, J.E. Algebraic division for multilevel logic synthesis of multi-valued logic circuits 55228
Hui Min Wang, Chung Len Lee, Chen, J.E. Complete test set for multiple-valued logic networks 55247
Hui Peng *see* Shih-Min Kao 95906
Hui Tong, Guangguo Bi Some new results on correlation properties of sequences used in CDMA systems 96181
Hui Xia *see* Ruoff, A.L. 88333
Hui Zhang, Ferrari, D. Improving utilization for deterministic service in multimedia communication 58203
Hui Zhang, Ming Jun Li, Najafi, S.I., Schwelb, O. Fully planar proton-exchanged lithium niobate waveguides with grating taps 63463
Hui Zhang *see* Ferrari, D. 65149
Hui Zhang *see* Moallemi, M.K. 93543
Hui Zhang *see* Parris, C. 65181
Hui Zhang *see* Parris, C.J. 85540
Hui Zhang *see* Zhang Hui
Hui Zhao, Sato, T., Kimura, I. A hybrid-ARQ protocol with adaptive rate error control 96223
Hui Zhongxi Design and experiment of SG-1 FEL 63884
Hui Zhongxi *see* Du Xiangwan 50891
Hui Zhu *see* Tianquan Deng 63864
Hui-Feng Li, Yu-Chun Xu, Shi-Liang Wang, Li-Qiong Wang Studies on degradation of ZnO varistors by dielectric relaxation 81994
Hui-Ju Lin *see* Jar-Ferr Yang 51443
Hui-Jun Huang *see* Huang Hui-Jun
Hui-Ming Chen *see* Chen Hui-Ming

Hui-Wen Yao, Abdelmonem, A., Ji-Fuh Liang, Zaki, K.A. A full wave analysis of microstrip-to-waveguide transitions 83787
Hui-Wen Yao, Ji-Fuh Liang, Zaki, K.A. Accuracy of coupling computations and its application to DR filter design 92477
Hui-Wen Yao *see* Abdelmonem, A. 61879
Hui-Wen Yao *see* Abdelmonem, A. 92480
Hui-Zhen Li *see* Xiang-Wen Chen 92469
Huichang Liu *see* Liu Huichang
Huichun Wu *see* Wu Huichun
Huidobro, J.M. The necessity for the exchange of information 65519
Huifang Chen *see* Huanzhang Lu 85074
Huifang Sun, Kwok, W. Error concealment with directional filtering for block transform coding 95758
Huifen Chen *see* Dazeng Feng 82777
Huigang Zhang *see* Zhang Huigang
Huignard, J.-P. *see* Breugnot, S. 73061
Huignard, J.-P. *see* Brignon, A. 63959
Huignard, J.-P. *see* Brignon, A. 83271
Huignard, J.-P. *see* Brignon, A. 83308
Huignard, J.C. *see* Bazzi, O. 75689
Huignard, J.P. *see* Nicolas, C. 58934
Huiguo Lo *see* Lo Huiguo
Huihuang Chen *see* Haixin Chen 95697
Huijbregts, E.P., Van Eijndhoven, J.T.S., Jess, J.A.G. On design rule correct maze routing 49082
Huijiong Wang *see* Wang Huijiong
Huijsing, J.H., Riedijk, F.R., van der Horn, G. Developments in integrated smart sensors 66281
Huijsing, J.H. *see* Eschauzier, R.G.H. 91919
Huijsing, J.H. *see* Hogervorst, R. 91918
Huijsing, J.H. *see* Riedijk, F.R. 52847
Huijsing, J.H. *see* Verhoeven, H.J. 58693
Huijuan Liu *see* Liu Huijuan
Huijun Cheng *see* Cheng Huijun
Huijun Fang *see* Fang Huijun
Huijun Hu *see* Hu Huijun
Huimei Cao *see* Wei Jiang 55692
Huimin Chen *see* Chen Huimin
Huimin Liu, Weiyi Jia, Porter, C.L., Reeves, R.J. Excitation migration in Cr-doped fosterite crystals 50920
Huimin Liu *see* Weiyi Jia 72570
Huimin Xue *see* El-Genk, M.S. 88703
Huiming Weng *see* Ping Liu 55645
Huiming Yan *see* Yan Huiming
Huinink, W. *see* Centen, P. 97689
Huinink, W. *see* Van De Steeg, M. 87284
Huinink, W.F. *see* Roks, E. 66479
Huinink, W.F. *see* Roks, E. 87288
Huiping Hu *see* Hu Huiping
Huiqiang Wang *see* Wang Huiqiang
Huiqin Gao, Savic, M., Sorensen, J. Minimum variance deconvolution based-speech enhancement system for a new generation of hearing aids 67624
Huiqun Liu, Xueyin Lin Model-based next view planning by using rules—automatic feature prediction and detection 84685
Huishun Mao *see* Mao Huishun
Huisman, H.J. *see* Berkhoff, A.P. 76977
Huisman, R.F. *see* Nordin, R.A. 91051
Huissoon, P. Pulse loading: a "hot" issue for resistors 80894
Huitema, G.B. *see* Borst, S.C. 96195
Huixing Zhang *see* Zhang Huixing
Huizenga, H. *see* Janssen, J.J. 88542
Huizhen Liu *see* Liu Huizhen
Huizhu Lu *see* Doong, D.W. 96583
Huizhu Lu *see* Saeed, F. 96006
Huizhu Lu *see* Zhengou Wang 51860
Huizhu Lu *see* Zhengou Wang 96768
Huk, S. *see* Shakeel, M. 67869
Hulbert, A.P. *see* McTiffin, M.J. 75311
Hulbert, S.L. *see* Smith, N.V. 88276
Hulet, M.W. Advanced management of safety 54427
Hulett, L.D., Jr. *see* Kossler, W.J. 87936
Hulfachor, R.B. *see* Tian, H. 93374
Hulicius, E. *see* Hlinomaz, P. 62143
Huliehel, F.A., Tang, W., Lee, F.C., Cho, B.H. Modeling, analysis, and design of the quasi-average current-mode control 60344
Hulin, D. *see* Paye, J. 73125
Hull, J. *see* Abboud, R.G. 90469
Hull, J.R., Passmore, J.L., Mulcahy, T.M., Rossing, T.D. Stable levitation of steel rotors using permanent magnets and high temperature superconductors 72274
Hull, J.R. *see* Lorimer, W.L. 82289
Hull, J.R. *see* Niemann, R.C. 82453
Hull, P.J. *see* Salata, O.V. 91598
Hull, R., Bahnck, D., Stevie, F.A., Harriott, L.R., Koszi, L., Chu, S.N.G., Snyder, C. New techniques for the study of degradation modes in semiconductor lasers using a combination of transmission electron microscopy, focused ion beam sputtering and electroluminescence imaging 83124
Hull, R. *see* Prabhakarana, K. 81486
Hull, R. *see* Ross, F.M. 81305
Hull, R. *see* Wegscheider, W. 94461
Hull, R.W. *see* Nagaraj, K. 70782
Hull-Allen, C.G. *see* Ball, G.A. 72781
Hulley, L.N. *see* El-Kassas, I.A. 80130
Hulsewede, R. *see* Stohr, A. 82709
Hulsey, G. *see* Coleman, P. 67076
Hulsey, G. *see* Friedrichs, C. 67069
Hulsey, G. *see* Goren, Y. 67090
Hulsey, G. *see* Walling, L. 67149
Hulsey, S. *see* Allen, S.L. 63878
Hulsey, S.D. *see* Lasnier, C.J. 63879
Hulsmann, A. *see* Bangert, A. 80770
Hulsmann, A. *see* Bangert, A. 80820
Hulsmann, A. *see* Schlechtweg, M. 80787
Hulsmann, A. *see* Zhi-Gong Wang 86316
Hulsmann, A. *see* Zhi-Gong Wang 92341
Hulsmann, P., Kurz, M., Glock, H.-W., Muller, W.F.O., Peschke, C., Klein, H. New technique for quality factor measurements in undamped and damped cavities 58964
Hulsmann, P. *see* Glock, H.-W. 67048
Hulsmann, P. *see* Kurz, M. 67010
Hulstrom, R. *see* Cannon, T.W. 100715
Hult, M., Whitlow, H.J., Ostling, M., Lundberg, N., Zaring, C., Cohen, D.D., Dytlewski, N., Johnston, P.N., Walker, S.R. RBS and recoil spectrometry analysis of $CoSi_2$ formation on GaAs 49817
Hult, M. *see* Johnston, P.N. 48992
Hulten, O. *see* Wenxin Zheng 50489
Hultin, L., Vazquez, P.A. Efficient electric arc furnace control at Nueva Montana Quijano 69260
Hultman, L. *see* Sardela, M.R., Jr. 62397
Hultman, T. *see* Wahab, Q. 70031
Hulze, G.G. *see* Sneep, J. 66061
Humayun, F. *see* Majeed, A. 88179
Humbach, O. *see* Stohr, A. 82709
Humbert, C. *see* Bloch, G. 75925
Humbert, R. *see* Allport, P.P. 76752
Humble, L.E. *see* Hartzog, S. 100000
Humblet, P. *see* Semaan, G. 51818
Humblet, P.A., Lee, W.C., Hluchyj, M.G. Buffer allocation for frame reassembly and queueing in ATM networks 64927
Humblet, P.A. *see* Barry, R.A. 52595
Humblot, H. *see* Essabaa, S. 53284
Hume, S.P. *see* Rajeswaran, S. 59291
Humen, A. *see* Sweeney, J. 84265
Humenberger, J. *see* Lang, M. 61293
Humer-Hager, T. *see* Armbruster, H. 85426
Humm, B.G., Fazzolare, M. Object-oriented analysis for telecommunications services 96436
Hummel, J. *see* Paraszczak, J. 93255
Hummel, R. *see* Mann, J. 74357
Hummel, R.E. Electromigration and related failure mechanisms in integrated circuit interconnects 71415
Humor Hwang *see* Ki-Bum Kim 86658
Humpage, W.D. *see* Nguyen, T.T. 53808
Humpage, W.D. *see* Nguyen, T.T. 53809
Humphery, J.D., Moores, S.P. STABLE II—an improved benthic lander for the study of turbulent wave-current-bed interactions and associated sediment transport 99291
Humphery, J.D. *see* Thorne, P.D. 59568
Humphrey, D.A. *see* Chen, Y.K. 92546
Humphrey, D.A. *see* Wen-Yen Hwang 55726
Humphrey, F.B. Applications of amorphous wire 58716
Humphrey, F.B. *see* Mizutani, M. 52794
Humphrey, F.B. *see* Yamasaki, J. 71995
Humphrey, M.C., Holmes, G., Cunningham, S.J. Improving the image recognition capability of Hopfield neural networks 51565
Humphrey, R. *see* Ruth, R.D. 66791
Humphrey, V.L. *see* Baugher, M. 58201
Humphreys, C.J. *see* Brown, P.D. 79830
Humphreys, C.J. *see* Brown, P.D. 81313
Humphreys, C.J. *see* Chen, G.S. 81741
Humphreys, C.J. *see* Morgan, C.J. 81136
Humphreys, D.A. *see* Hale, P.D. 72607
Humphreys, R.G. *see* Goodyear, S.W. 72222
Humphreys, R.G. *see* Keene, M.N. 72242
Humphreys, T.P. *see* Baumann, P.K. 81337
Humphreys, T.P. *see* Das, K. 81340
Humphries, A.R. Spurious solutions of numerical methods for initial value problems 48858
Humphries, C.M. *see* Armitage, A.F. 87272
Humphries, D., Halbach, K., Hoyer, E., Kincaid, B., Marks, S., Schlueter, R. Modeling and measurement of the ALS U5 undulator end magnetic structures 63254
Humphries, D., Hoyer, E., Kincaid, B., Marks, S., Schlueter, R. Magnet sorting algorithms for insertion devices for the Advanced Light Source 87788
Humphries, D. *see* Hoyer, E. 67239
Humphries, D. *see* Marks, S. 67240
Humphries, J. *see* Petouris, A. 48592
Humphries, L.J. *see* Almond, P.R. 88587
Humphries, P. *see* Ganci, P.R. 62710
Humphries, R. *see* Tait, R.B. 69246
Humphries, S.J., Jr. *see* Rees, D.E. 67167
Humpston, G. *see* Vincent, J.H. 54488
Hun Kim Beum *see* Beum Hun Kim
Hun Kim Jung *see* Jung Hun Kim
Hun Lee Gi *see* Gi Hun Lee
Hun Paek Sang *see* Sang Hun Paek
Hun Xue, Haijbregts, E.P., Jess, A.G. Routing for manufacturability 91705
Hun Yi Siong *see* Siong Hun Yi
Hun Yu Young *see* Young Hun Yu
Hundal, R., Oklobdzija, V.G. Determination of optimal sizes for a first and second level SRAM-DRAM on-chip cache combination 92178
Hundsdorfer, W. *see* van Dorsselaer, J.L.M. 79727
Hundt, P. *see* Mehta, A. 54509
Huner, B. A Stokes flow analysis of the screen printing process 49725
Hung, A.C., Meng, T.H.-Y. Multidimensional rotations for quantization 57885
Hung, D.C.D., Mitchell, O.R. Subpixel edge estimation using geometrical edge models with noise miniaturization 57918
Hung, H.-S., Mao, C.-Y. Robust coherent signal-subspace processing for directions-of-arrival estimation of wideband sources 95465
Hung, H.-S. *see* AlShaykh, O.K. 51632
Hung, I.-J. *see* Lee, L.-s. 84079
Hung, J.Y. Design of the most efficient excitation for a class of electric motor 54039
Hung, J.Y. Magnetic bearing control using fuzzy logic 68539
Hung, J.Y. Efficient torque ripple minimization for variable reluctance motors 100083
Hung, J.Y., Nelms, R.M., Stevenson, P.B. An output feedback sliding mode speed regulator for DC drives 54175
Hung, J.Y., Nelms, R.M., Stevenson, P.B. An output feedback sliding mode speed regulator for DC drives 69107
Hung, K.-M., Fang, T.-N., Chen, C.-J., Chang, C., Wu, G.Y. Theoretical study of dynamics of type-II tunnel diodes 93321
Hung, N.L., Jacob, A.R., Makris, S.E. Alternatives to achieve software diversity in common channel signaling networks 51934
Hung, S.L. *see* Lee, V.C.S. 53549
Hung, W.C. *see* Chi, G.C. 82840
Hung, Y.S. *see* Ho, C.M. 60022
Hung, Y.Y., Long, K.W. Evaluation of residual stresses in concrete structures by digital shearography 70187
Hung, Y.Y. *see* Jie Gu 84728
Hung Chang Lin *see* Hao Tang 55851
Hung Chang Lin *see* Ming-Huei Shieh 55269
Hung Chi-Cheng *see* Chi-Cheng Hung
Hung Chih-Cheng *see* Chih-Cheng Hung
Hung Ching-Yao *see* Ching-Yao Hung
Hung Hsien-Sen *see* Hsien-Sen Hung
Hung I-Jung *see* I-Jung Hung
Hung Kwok-Wah *see* Kwok-Wah Hung
Hung Lau Wing *see* Wing Hung Lau
Hung Liao, Cale, T.S. Low-Knudsen-number transport and deposition 91613
Hung Tat Tsui *see* Ji Yu Shi 95632
Hung Tat Tsui *see* Vo Anh 95934
Hung Tsai-Fu *see* Tsai-Fu Hung
Hung Yao Chung *see* Yao Chung Hung
Hung Yi-Ping *see* Yi-Ping Hung
Hung-chi Lihn *see* Kung, P. 81122
Hung-chi Lihn *see* Kung, P.H. 83192
Hung-Chun Chang *see* Chih-Sheng Chang 50488
Hung-Eil Kim, Young-Sik Kim, Chul-Seung Lee, Young-Mog Ham, Dong-Jun Ahn, Soon-Han Choi Quarter micron *i*-line lithography using an alternating phase-shift mask 71460
Hung-Eil Kim *see* Sang-Man Bae 81697
Hung-Eil Kim *see* Young-Mog Ham 71477
Hung-Hsiang Lin *see* Chang-Fuu Chen 95774
Hung-Kuei-Ku, Hayes, J.P. Structural fault tolerance in VLSI-based systems 50058
Hung-Min Sun *see* Shiuh-Pyng Shieh 64293
Hung-Pin Chen *see* Jui-Ching Shyur 91988
Hung-Tat Tsui *see* Shang-Hua Wang 96106
Hung-Tien Yen *see* Yung-Sheng Chen 74468
Hung-Yu Lin, Harn, L. Authentication in wireless communications 75294
Hung-Yu Liu *see* Chih-Chen Cho 54870
Hung-Yu Yang Microstrip open-end discontinuity on a nonreciprocal ferrite substrate 94915
Hunger, A. *see* Retz, H. 61477
Hunger, J.W. EMC analysis tasks of the systems engineer 94883
Hungerford, E.V. *see* Barakat, M. 98712
Hungming Chien *see* Chenhsin Lien 81946
Hungse Cha, Patel, J.H. Latch design for transient pulse tolerance 92045
Hungwen Li *see* Ching-Min Cheng 84919
Hunnicutt, S. *see* Bickley, C. 98980
Hunnicutt, S. *see* Granstrom, B. *(editor)* 90713
Hunsche, S., Leo, K., Kurz, H., Kohler, K. Femtosecond intersubband relaxation in GaAs quantum wells 93003
Hunscher, C. *see* Wolf, H. 57243
Hunsperger, R.G. *see* Martin, R.D. 63847
Hunstock, R. *see* Eikerling, H.-J. 92167
Hunsucker, R.D. *see* Rose, R.B. 83661
Hunt, A. *see* Kirk, R. 53441
Hunt, A.W. *see* Orr, B.G. 91508
Hunt, B. *see* Honary, B. 97028
Hunt, B.D., Foote, M.C., Pike, W.T., Barner, J.B., Vasquez, R.P. High-T_c edge-geometry SNS weak links on silicon-on-sapphire substrates 82358
Hunt, B.D., Foote, M.C., Pike, W.T., Barner, J.B., Vasquez, R.P. Multilayer buffer system for fabrication of high-T_c edge-geometry SNS weak links on silicon-on-sapphire substrates 93935
Hunt, B.D. *see* Foote, M.C. 66346
Hunt, B.D. *see* Javadi, H.H.S. 97217

Hunt, B.R. *see* Abousleman, G.P. 84754
Hunt, C.B. Digital film workstations-evolution in the video compositing suite 97619
Hunt, C.E. *see* Chakhovskoi, A.G. 66602
Hunt, C.E. *see* Folta, J.A. 71268
Hunt, D. *see* Cardinali, R. 74964
Hunt, D. *see* Celata, C.M. 87832
Hunt, G.S. Successful strategies for the engagement and management of contractors [by electric utilities] 89129
Hunt, J.B. *see* Thomas, D.J. 67654
Hunt, J.D. *see* Scribner, D.A. 66484
Hunt, J.H., Holmes, R.B. Observation of optical response of avalanche photodiodes at photon-counting light levels 56549
Hunt, K.J. The conventional planning approach applied to digital terrestrial television 97584
Hunt, M. *see* Bangham, M. 68421
Hunt, M. *see* Bangham, M. 78369
Hunt, M. *see* Carbonara, J. 68698
Hunt, M. *see* Carbonara, J. 78681
Hunt, M. *see* Gillick, L. 84071
Hunt, M. *see* Roth, R. 84111
Hunt, M.A., Gleason, S.S., Jatko, W.B. DSP accelerator for the wavelet compression/decompression of high-resolution images 74538
Hunt, N.E.J., Schubert, E.F., Logan, R.A., Zydzik, G.J. Extremely narrow spectral widths from resonant cavity light-emitting diodes (RCLEDs) suitable for wavelength-division multiplexing at 1.3 μm and 1.55 μm 63604
Hunt, N.E.J. *see* Passlack, M. 56091
Hunt, N.E.J. *see* Schubert, E.F. 50689
Hunt, N.E.J. *see* Schubert, E.F. 82835
Hunt, P.J. *see* Robertson, J.B. 77150
Hunt, S. *see* Bourianoff, G. 66878
Hunt, S. *see* Kalbfleisch, C. 74864
Hunt, S. *see* Mathieson, D. 75009
Hunt, W.D. *see* Kenney, J.S. 50166
Hunt, W.D. *see* Kenney, J.S. 97079
Hunt, W.D. *see* Kim, Y. 82220
Hunt, W.D. *see* Kim, Y. 93842
Hunt, W.D. *see* Sleva, M.Z. 99333
Hunt, W.D. *see* Yoonkee Kim 63119
Hunte, T. *see* Albrecht, T. 87333
Hunter, A. *see* O'Conaill, B. 52037
Hunter, A.T. *see* Swenberg, J.F. 72633
Hunter, C. *see* Pham, D. 92287
Hunter, C.A. *see* Stevenson, P. 100897
Hunter, C.S., Southard, R.B. CSTAR database for advanced test systems 91157
Hunter, D.K., Andonovic, I. Theory of optical ATM switching 57958
Hunter, D.K., Andonovic, I., Barnsley, P.E. Demonstration of optical timeslot interchanging through 2×2 crosspoints and feedforward delay lines 58429
Hunter, D.K. *see* Legg, P.J. 57953
Hunter, I.C. *see* Liu Hongwei 80594
Hunter, J., Nguyen, H.K. In-situ particle monitoring reduces wafer defects 62022
Hunter, J. *see* Collins, A.L. 73160
Hunter, P.L., Johnson, T.W. Fault tolerant hot-pluggable power system design 68830
Hunter, S., Solomon, C., Esener, S., Ford, J.E., Dvornikov, A.S., Rentzepis, P.M. Three-dimensional optical image storage by two-photon recording 63357
Hunter, S. *see* Ford, J.E. 56319
Hunter, S.D. *see* Cuddapah, R. 76761
Hunter, S.R., Gibson, W.A., Hurst, G.S., Turner, J.E., Hamm, R.N., Wright, H.A. Optical imaging of charged particle tracks in a gas 53340
Hunter, T. *see* Wu, X. 66957
Huntley, L. *see* Rodriguez, K.M. 87403
Hunton, D.E. *see* Bernhardt, P.A. 83690
Huntsberger, B.A. *see* Arni, V.V. 57436
Huntsberger, T.L. *see* Arni, V.V. 57436
Hunyar, M. *see* Timar, P.L. 78875
Hunziker, G., Knop, W., Harder, C. Gain measurements on one, two, and three strained GaInP quantum well laser diodes 94465
Huo, L.H., Salamanca-Riba, L., Hofler, G., Wu, B.J., Haase, M.A. TEM defect studies of the MBE-grown ZnS_xSe_{1-x}-GaAs interface 92958
Huo Qiang *see* Qiang Huo
Huong Lam Nguyen *see* Nguyen Huong Lam
Huotari, R., Sahab, S. Metric projection onto a lattice in L_1 69827
Huoy-Yu Liou, Ting-Ting Lin Parallel built-in self test and pipelined test scheduling for multichip modules 80047
Hupper, A. *see* Michel, E. 88029
Hupper, G. *see* Quade, W. 62150
Huppi, R. *see* Wegmuller, U. 88855
Huq, S.E., Prewett, P.D. Dry etch characteristics of chemically amplified and onium salt sensitised electron beam resists 81719
Hur, I.B. *see* Lee, C.S. 71455
Hur, J. *see* Yampolsky, I. 67183
Hur, K.Y., Guerin, B.J., Kazior, T.E. Reactive ion etching of InP via holes 71324
Hur, K.Y., McKenna, T.P., Kazior, T.E. Electron beam sublimation deposited and lifted-off carbon mask for InP reactive ion etching 93199
Hur, K.Y. *see* Schaff, W.J. 62904
Hur, K.Y. *see* Vaughan, M.J. 73521
Hur, P.H. *see* Sang Yeong Lee 70855
Hur, P.W. *see* Oh, B. 72229
Hur, S. *see* Szekli, R. 91200
Hur Gui-Young *see* Gui-Young Hur
Hur Ik-Boum *see* Ik-Boum Hur
Hur Jeen *see* Jeen Hur
Hura, G.Singh *see* Singh Hura, G.
Huran, J. *see* Hascik, S. 93236
Hurd, J. *see* Arbique, G. 76524
Hurd, J. *see* Haworth, M. 76408
Hurd, J. *see* Saadatmand, K. 76386
Hurd, J. *see* Senichev, Yu. 87871
Hurd, J.W., Arbique, G.M., Crist, C.E., Guy, F.W., Haworth, M., Leifeste, G.T., Saadatmand, K., Krogh, M., Mcginnis, K., Stittsworth, D., Vandeusen, A., Wright, S. Physics requirements of commissioning diagnostics for SSCL linac 76440
Hurd, J.W., Arbique, G.M., Crist, C.E., Guy, F.W., Leifeste, G.T., Raparia, D., Saadatmand, K., Swenson, D.A., Esin, S., Feschenko, A., Stepanov, A., Mirzojan, A. Bunch shape monitor for SSCL linac 76590
Hurd, J.W., Guy, F.W., Jamieson, G., Raparia, D., Saadatmand, K. Beam diagnostic layout requirements for SSCL linac 76441
Hurd, J.W. *see* Guy, F.W. 66876
Hurd, J.W. *see* Guy, F.W. 76417
Hurd, J.W. *see* Raparia, D. 87806
Hurd, J.W. *see* Yao, C.Y. 76596
Hurd, M., Wendin, G. Andreev level spectrum and Josephson current in a superconducting ballistic point contact 72224
Hurd, R.E. *see* Webb, P.G. 67529
Hurd, W. *see* Crist, C.E. 76442
Hurditch, R.J. *see* Schlicht, K. 81664
Hurditch, R.J. *see* Yeh, T.-F. 81667
Hurdubetiu, S. HV transmission line 3-D electric field distribution in the proximity of line towers 68271
Hurdubetiu, S., Coatu, S. Electric power engineering education and training in Romania 69434
Huret, F. *see* Delplanque, Y. 73433
Hurh, P., Jackson, G. The mechanical design of a bunched beam stochastic cooling tank for the FNAL Tevatron 76447
Hurh, P., O'Day, S., Dombrowski, R., Page, T. A 10 μm resolution secondary emission monitor for Fermilab's targeting station 76600
Hurh, P. *see* Jackson, G. 87876
Hurink, M. *see* Borger, J.B. 77617
Hurkx, F. *see* van der Wel, W. 93582
Hurkx, G.A.M., Baltus, P.G.M., Bladt, E.P.M., Knuvers, M.P.G. An efficient simulation method for linking bipolar process and device optimization to circuit performance 93581
Hurkx, G.A.M., Peek, H.L., Slotboom, J.W., Windgassen, R.A. Anomalous behaviour of surface leakage currents in heavily-doped MOS structures 62853
Hurkx, G.A.M. *see* de Vreede, L.C.N. 93322
Hurlbut, C. *see* Arrington, K. 98634
Hurlbut, C. *see* Kefford, D. 59092
Hurley, B. *see* Miller, I. 56679
Hurley, B.W. Detecting simultaneous signals in DFDs [digital frequency discriminators] 61606
Hurley, D.C. *see* Duggal, A.R. 57029
Hurley, W.G. The fundamentals of power factor correction 70279
Hurley, W.G., Wilcox, D.J. Calculation of leakage inductance in transformer windings 55447
Hurll, J. Calibration—how far do we go? 66109
Hurng-Liahng Jou *see* Jinn-Chang Wu 77987
Hurst, A., Blicq, R.S. Modular format teaching of engineering management communications 90805
Hurst, D. Production testing of die-mount integrity [power integrated circuits] 48699
Hurst, D.N., Bennett, P.G. Training and certification of personnel for work on electrical apparatus for use in potentially explosive atmospheres 48598
Hurst, G.S. *see* Hunter, S.R. 53340
Hurst, J.H. *see* Orloff, G.J. 79969
Hurst, J.P. *see* Singh, A.D. 49398
Hurst, K.D., Habetler, T.G. Sensorless speed measurement using current harmonic spectral estimation in induction machine drives 100839
Hurst, P., Zack, T. Providing enterprise-level customer support 74911
Hurst, P.J., Rothenberg, B.C. A programmable clock generator using noise shaping and its application in a switched-capacitor filter 70713
Hurst, P.J. *see* Berg, S.K. 92368
Hurst, W.S. *see* Bean, V.E. 66757
Hurtado Albir, F.J., Alvarez Melcon, A. Optimum thermal method for the control of direct current machines 90553
Hurtado Albir, F.J., Carrasco Hernandez, J.A. Application of conductance control to the speed control of DC drives 90551
Hurwitz, J.E.D., Chapman, D.M., Saint-Paul, M. A single chip analog video codec for consumer videophone and multimedia applications 85596
Husain, I., Ehsani, M. Torque ripple minimization in switched reluctance motor drives by PWM current control 69069
Husain, I., Ehsani, M. Error analysis in indirect rotor position sensing of switched reluctance motors 69090
Husain, I., Ehsani, M. Rotor position sensing in switched reluctance motor drives by measuring mutually induced voltages 69105
Husainova, I. *see* Rumma, K. 91895
Husby, H., Grepstad, J.K., Bernstein, R.W. Photolithographic patterning of protective arsenic capping on molecular beam epitaxy grown $Al_xGa_{1-x}As(001)$ 48926
Huschang Heydari Remarks on the differential luminosity in the weak disruption and the transition region 66963
Huse, J. Risk of cumulative energy stresses on surge arresters caused by successive lightning flashes 53818
Huseby, R.B., Milvang, O., Solberg, A.S., Bjerde, K.W. Seabed classification from multibeam echosounder data using statistical methods 99137
Huseh Tse-Chien *see* Tse-Chien Huseh
Husein, S. *see* Szumko, S. 100906
Husek, I. *see* Kovac, P. 72220
Husek, V. *see* Kasal, M. 66161
Hushyar, K. *see* Gatenby, D.A. 48643
Husimi, K. *see* Kuwata, M. 88238
Husimi, K. *see* Kuwata, M. 98696
Husinsky, W. *see* Kautek, W. 67613
Husman, M.S., Rukavina, J.P., Yuan Guo A study of solder paste volumes for screen printing 92804
Husmann, D. *see* Einfeld, D. 66885
Huson, F.R. *see* Christian, D.C. 59094
Husoy, J.H. *see* Gjerde, T. 77021
Husoy, J.H. *see* Randen, T. 84756
Hussain, A. *see* Rao, K. 58174
Hussain, A.M. Multisensor distributed sequential detection 73956
Hussain, B. *see* Alsammarae, A. 89442
Hussain, B. *see* Alsammarae, A. 99889
Hussain, F. *see* Zimin, V. 73164
Hussain, I., Reed, T.R. Compression of still images using segmentation-based approximation 64682
Hussain, K. Control performance analysis of interconnected power systems 77916
Hussain, K.A. *see* Ateequddin, M. 76866
Hussain, M.Y., Rau, V.G. Coherency identification and construction of dynamic equivalent for large power system 59696
Hussain, R. *see* Allard, P. 96534
Hussain, S., Kostic, Z., Gopinath, B. BER performance of adaptive RAKE receiver using tap weights obtained by POCS deconvolution technique 65581
Hussain, S.A. *see* Nassary, M.M. 71743
Hussain, S.S. *see* Ajithkumar, G. 69916
Hussain, T., Cleaver, J.R.A., Ahmed, H. Application of focused ion beam implantation to produce gallium arsenide metal semiconductor field-effect transistors with a novel doping profile 56012
Hussain, Z. *see* Howells, M.R. 88278
Hussaini, E.K.Al *see* Al Hussaini, E.K.
Husse, E., Lepercq, P., Carru, J.C., Thivet, C., Perrin, A. Realization of a superconducting planar filter 49641
Hussein, A., Hager, S.A., El Nimr, M.K., Ghanim, E.H. Electrochemical etching circuit for track counting in polymer foils 76796
Hussein, A.M. *see* Janischewskyj, W. 53817
Hussein, S.A. *see* Nassary, M.M. 80956
Hussein, S.A. *see* Nassary, M.M. 92984
Hussein, S.A. *see* Seif, N.P. 61166
Hussey, C.D. *see* Ii, Y.W. 63379
Hussmann, H. A simulation tool for performance analysis of radio resource management of the DECT system 65697
Husson, D. Capacitance modelling for double-sided Si detectors with double-metal readout 88107
Husson, D. Capacitance modelling for double-sided Si detectors with double-metal readout 98557
Husson, D. *see* Turchetta, R. 88247
Husson, X. *see* Gosselin, A. 87953
Huster, C. *see* Ranawake, U.A. 55860
Hustinx, C. Computer aided learning in the new educational approach to surdity 98972
Huston, A.L. *see* Justus, B.L. 56880
Huston, D.R., Fuhr, P.L., Ambrose, T.P., Barker, D.A. Intelligent civil structures—activities in Vermont 90702
Huston, D.R. *see* Fuhr, P.L. 98070
Huston, G. Desperately seeking default Internet policy update: a perspective from the Pacific 96615
Huston, J. *see* de Barbaro, P. 98584
Huston, L.B. *see* Bachmann, D. 74922
Husu, T. *see* Ritoniemi, T. 97731
Hutchby, J. *see* Sharps, P.R. 100668
Hutchby, J.A., Timmons, M.L., Venkatasubramanian, R., Sharps, P.R., Whisnant, R.A. High-efficiency tandem solar cells on single- and polycrystalline substrates 100443
Hutchby, J.A. *see* Enquist, P.M. 62705
Hutchby, J.A. *see* Slater, D.B., Jr. 62684
Hutchby, J.A. *see* Venkatasubramanian, R. 100679
Hutchby, J.A. *see* Venkatasubramanian, R. 100688
Hutcheon, D.A. *see* Kierstead, J.A. 59085
Hutcheon, R.M. *see* de Jong, M.S. 67078
Hutcheon, R.M. *see* de Jong, M.S. 67079

Hutchings, B.L., Carter, T.M. High-speed circuit design: CAD tools and computational challenges 49073
Hutchings, B.L. *see* Bade, S.L. 70416
Hutchings, B.L. *see* Eldredge, J.G. 70415
Hutchings, B.L. *see* Wirthlin, M.J. 70604
Hutchins, D. *see* Rao, V. 92851
Hutchins, D.A., Wright, W.M.D., Hayward, G., Gachagan, A. Air-coupled piezoelectric detection of laser-generated ultrasound 99349
Hutchins, D.A. *see* Gachagan, A. 99364
Hutchins, D.A. *see* Wright, W.M.D. 59603
Hutchins, M.S., Wilson, H.K., Bass, D., Waggett, P. An overview of the development of the Earth Observation Data Centre and its processing and archiving facilities 77229
Hutchinson, A.L. *see* Faist, J. 50869
Hutchinson, A.L. *see* Faist, J. 56799
Hutchinson, A.M. *see* Green, N.J. 60159
Hutchinson, D. *see* Barberis, E. 59063
Hutchinson, M.H.R. *see* Soan, P.J. 63903
Hutchinson, M.H.R. *see* Starczewski, T. 73049
Hutchinson, M.H.R. *see* Svanberg, S. 50784
Hutchinson, M.H.R. *see* Tisch, J.W.G. 63942
Hutchinson, P.A., Whitaker, C.M., Townsend, T.U., Reid, R.S. Operations and maintenance at PVUSA: utility perspective on the operation of PV systems 99997
Hutchinson, R.C. Architectural framework for standardizing multimedia services on fiber-coax 85466
Hutchison, A.A. *see* Haan-Go Choi 59388
Hutchison, D. *see* Ball, F. 65159
Hutchison, D. *see* Campbell, A. 65183
Hutchison, J.L., Aseev, A.L., Fedina, L.I. {113} defects in He^+ implanted germanium 81445
Hutchison, J.L. *see* Salata, O.V. 91598
Hutchison, K.D. *see* Lamei, N. 59546
Hutley, M.C. *see* Mersereau, K. 50559
Hutson, R., Fitzgerald, D., Frankle, S., Macek, R., Plum, M., Wilkinson, C. Stripper-foil scan studies of the first-turn beam loss mechanism in the LAMPF proton storage ring (PSR) 66949
Hutson, R., Macek, R. First-turn losses in the LAMPF proton storage ring (PSR) 66948
Hutson, R. *see* Donahue, J. 66950
Hutson, R. *see* Frankle, S. 76324
Hutson, R. *see* Wang, T. 87918
Hutson, R. *see* Wilkinson, C. 76325
Hutstein, J., Merz, G. A step toward universal networks 85428
Hutt, D.L., Bissonnette, L.R., Durand, L. Multiple field of view lidar returns from atmospheric aerosols 53536
Hutt, I. *see* Astley, S. 59271
Hutte, R.S. *see* Barley, R.D. 93108
Hutter, R. *see* David, G. 87983
Huttl, B. *see* Troppenz, U. 72574
Huttner, B. *see* Ekert, A.K. 84004
Huttner, L. *see* Valent, F. 90291
Hutton, A. CEBAF commissioning status 66993
Hutton, G. *see* Brown, C. 70378
Hutton, J.S. *see* Hines, P.C. 99256
Hutton, M.C. *see* Debiao Li 67530
Huttunen, H., Kuosmanen, P., Koskinen, L., Astola, J. Optimization of soft morphological filters by genetic algorithms 85101
Huttunen, H. *see* Kuosmanen, P. 85102
Huttunen, J., Turunen, J. Synthesis of wide-field diffractive waveguide lenses 94685
Huttunen, J. *see* Saarinen, J. 64017
Hutzler, B. *see* Bonenfant, S. 77092
Huu, B.T. *see* Halasz, S. 100324
Huu Tran Nam *see* Nam Huu Tran
Huu Tue Huynh *see* Leclerc, M. 97582
Huusko, J. *see* Ruokamo, I. 66542
Huxtable, B.D., Geyer, E.M. Motion compensation feasibility for high resolution synthetic aperture sonar 77329
Huyart, B. *see* Abou chahine, S. 87472
Huyart, B. *see* Deshours, F. 87469
Huyart, B. *see* Deshours, F. 98290
Huyart, B. *see* Le Quang, D. 80803
Huyberechts, G., van Muylder, M., Honore, M., Desmet, J., Roggen, J. Development of a thick film ammonia sensor for livestock buildings 58674
Huyberechts, G., Van Muylder, M., Honore, M., Desmet, J., Roggen, J., Berckmans, D., Ni, J.-Q. Development of a thick film ammonia sensor combined with a ventilation rate sensor for livestock buildings 87327
Huyberechts, G. *see* Honore, M. 66559
Huyberechts, G. *see* Lenaerts, S. 66540
Huybrechts, B., Ishizaki, K., Takata, M. Proposed phenomenological PTCR model and accompanying phenomenological PTCR chart 71123
Huygen, J.J. *see* Balvers, R.P.A. 78990
Huynh, B. *see* Curzan, J. 98106
Huynh, C.-L., Sinha, S.K., Xiong, Z.X. Large-sample estimation of reliability under the exponential distribution in life testing 69644
Huynh, D. *see* Huynh, K.D. 85762
Huynh, D. *see* McGowan, R. 98129
Huynh, K.D., Khoshgoftaar, T.M. A performance analysis of the IBM Subsystem Control Block architecture in a video conferencing environment 65449
Huynh, K.D., Khoshgoftaar, T.M., Huynh, D. I/O performance analysis for network file servers 85762
Huynh, L. Multiplication and division free adaptive arithmetic coding techniques for bi-level images 57897
Huynh Huu Tue *see* Huu Tue Huynh
Huyse, M. *see* Vermeeren, L. 98485
Huziashev, R.G. *see* Desourdis, R.I., Jr. 75384
Hvims, H.L. Solder replacement 55469
Hwa Chung Dong *see* Dong Hwa Chung
Hwa Ja chung *see* Seung Wook Lee 95878
Hwa Ko Hyung *see* Hyung Hwa Ko
Hwa Lee Jong *see* Jong Hwa Lee
Hwa Sik Park, Jun Ha Lee, Ho Jung Hwang Development of three-dimensional ion implantation simulator using analytical model 71310
Hwa-Chi Wang, Udischas, R. Counting particles in high-pressure electronic specialty gases 62364
Hwa-Chi Wang *see* Chesters, S. 70182
Hwa-Liang Chiou *see* Yuvarajan, S. 68795
Hwa-Liang Chiou *see* Yuvarajan, S. 68854
Hwa-Shyong Jin *see* Yong-Cheng Liou 76086
Hwae Hi Lee *see* Min Seok Kang 74399
Hwaja Chung *see* Chung Hwaja
Hwan Jun Byung *see* Byung Hwan Jun
Hwan Kim Dae *see* Dae Hwan Kim
Hwan Kim Deug *see* Deug Hwan Kim
Hwan Kim Dong *see* Dong Hwan Kim
Hwan Kim Jin *see* Jin Hwan Kim
Hwan Kim Yeo *see* Yeo Hwan Kim
Hwan Kim Yong *see* Yong Hwan Kim
Hwan Lee Chi *see* Chi Hwan Lee
Hwan Lho Young *see* Young Hwan Lho
Hwan Lim Jong *see* Jong Hwan Lim
Hwan Oh Cha *see* Cha Hwan Oh
Hwan Oh Myung *see* Myung Hwan Oh
Hwan Ra Keuk *see* Keuk Hwan Ra
Hwan Ro Soong *see* Soong Hwan Ro
Hwan Seong Moon, Jae Suk Lee, Sung Wook Han, Jong Wan Park, Jae Hak Lee, Seung Kee Yang, Hyung Ho Park Effect of deposition temperature on dielectric properties of PECVD Ta_2O_5 thin film 61965
Hwan Son Jeong *see* Jeong Hwan Son
Hwan Yoon Dal *see* Dal Hwan Yoon
Hwang, B., Chen, F.C., Domingo, N., Murphy, R.W., Wu, C. Review of steam production from engine waste heat and its feasible shipboard application 78927
Hwang, B.Y. *see* Huang, W.M. 93629
Hwang, B.Y. *see* Huang, W.M. 93676
Hwang, C.C. *see* Smith, R.R. 69240
Hwang, C.G. *see* Yoon, J.Y. 70485
Hwang, C.H., Park, Y.S., Jang, P.W., Lee, T.D. Magnetic properties and structures of CoCrTa films for wide range of Cr variation 50229
Hwang, C.J. Specific content addressable memory in parallel architectures 55275
Hwang, C.P. *see* Chang, C.H. 87682
Hwang, C.S., Lin, F.Y., Huang, T.H., Jan, G.J., Tseng, P.K. High-precision harmonic magnetic-field measurement and analysis using a fixed angle Hall probe 87448
Hwang, C.S. *see* Chang, C.H. 87618
Hwang, C.S. *see* Chang, C.H. 87682
Hwang, D.-S. *see* Cho, C.-H. 80587
Hwang, D.K., Tressler, R.E., Ruzyllo, J. Evaluation of new high temperature boron solid planar diffusion sources through p-n junction characterization 93029
Hwang, D.M., DeChiaro, L., Wang, M.C., Lin, P.S.D., Zah, C.E., Ovadia, S., Lee, T.P., Darby, D., Tkachenko, Y.A., Hwang, J.C.M. High-voltage electron-beam-induced-current imaging of microdefects in laser diodes and MESFETs 61038
Hwang, D.M. *see* Chung-En Zah 63780
Hwang, D.M. *see* Grundmann, M. 56809
Hwang, D.M. *see* Wang, M.C. 63805
Hwang, D.M. *see* Wu, A.Y. 56118
Hwang, D.M. *see* Yilmaz, S. 82712
Hwang, F.K., Rothblum, U.G. Constrained partitioning problems 54695
Hwang, G.J. *see* Chang, C.H. 76694
Hwang, G.J. *see* Chang, C.H. 87618
Hwang, G.J. *see* Chang, C.H. 87682
Hwang, H. *see* Arodzero, A. 59076
Hwang, H.-P., Shieh, J.-L., Lin, R.-M., Chyi, J.-I., Tu, S.L., Peng, C.K., Yang, S.J. Unstrained $In_{0.3}Ga_{0.7}As/In_{0.29}Al_{0.71}As$ resonant tunnelling diodes grown on GaAs 55886
Hwang, H.L. *see* Cheng, Y.H. 62449
Hwang, H.L. *see* Tseng, B.H. 62450
Hwang, I.G., Schroder, D.K., Wohlgemuth, J.H. The effect of wafer stress on absorption coefficient and minority carrier diffusion length in cast poly-Si 100633
Hwang, J., Ooi, Y., Ozawa, S. A motion/shape estimation of multiple objects using an advanced contour matching technique 84851
Hwang, J.-D. *see* Fang, Y.K. 93310
Hwang, J.-N., Chen, E.T.Y., Lippman, A.F. Probabilistic image modeling via neural networks 74508
Hwang, J.-N. *see* Moon, S. 73826
Hwang, J.-S., Koo, B.J., Chung, I.H., Park, H.L., Chung, C.H. Growth of CdTe/CdZnTe strained-layer single quantum wells by modified hot-wall epitaxy method and their properties 69991
Hwang, J.C. *see* Chen, C.S. 78088
Hwang, J.C.M. *see* Hwang, D.M. 61038
Hwang, J.C.M. *see* Sugeng, B.R.A. 61929
Hwang, J.C.M. *see* Wei, C.J. 92532
Hwang, J.H., Reischl, P. Novel open loop, discontinuous conduction mode power converter with applications to battery charging, power factor correction, and UPS 68818
Hwang, J.M., Wise, R., Yee, E., Houston, T., Pollack, G.P. Ultra-thin film SOI/CMOS with selective-epi source/drain for low series resistance, high drive current 71806
Hwang, J.M., Yee, E., Houston, T., Pollack, G.P. High performance submicron SOI/CMOS with an elevated source/drain structure 93643
Hwang, J.S. Solder/screen printing 81000
Hwang, J.S., Guo, Z. Lead-free solders for electronic packaging and assembly 69559
Hwang, J.S., Guo, Z., Lucey, G. Strengthened solder materials for electronic packaging 54976
Hwang, K.C., Ho, P., Kao, M.Y., Fu, S.T., Liu, J., Chao, P.C., Smith, P.M., Swanson, A.W. W-band high power passivated 0.15 μm InAlAs/InGaAs HEMT device 55399
Hwang, K.C., Reisinger, A.R., Duh, K.H.G., Kao, M.Y., Chao, P.C., Ho, P., Swanson, A.W. A reliable ECR passivation technique on the 0.1 μm InAlAs/InGaAs HEMT device 55415
Hwang, K.C. *see* Pin Ho 55408
Hwang, L.-C. *see* Chang, C.-J. 96203
Hwang, M. *see* Huang, X. 84110
Hwang, M.-Y., Huang, X., Alleva, F. Predicting unseen triphones with senones 84037
Hwang, M.-Y. *see* Alleva, F. 84036
Hwang, N.M., Yoon, D.Y. Thermodynamic approach to the chemical vapor deposition process 79966
Hwang, P.-W., Chen, Y.-S., Cheng, F.-H., Hsu, W.-H. Color recovery from biased illumination: color constancy 96047
Hwang, S. *see* Sakamoto, T. 93043
Hwang, S.-H., Ruff, B.J. Optimizing distortion for a large field submicron lens 71525
Hwang, S.-M. *see* Willner, A.E. 75421
Hwang, S.H. *see* Hong, S.K. 49288
Hwang, S.H. *see* Park, S.S. 70437
Hwang, S.J. *see* Hou, H.Q. 55598
Hwang, S.T. *see* Tarng, Y.S. 66313
Hwang, T. *see* Ming-Yung Ko 83928
Hwang, T.T. *see* Kuo-Hua Wang 92035
Hwang, W. *see* Henkels, W.H. 70463
Hwang, W.-L., Mallat, S. Characterization of self-similar multifractals with wavelet maxima 91183
Hwang, W.R. *see* Marpaka, D.R. 78005
Hwang, W.R. *see* Marpka, D.R. 89159
Hwang, Y. *see* Drotning, W. 81044
Hwang, Y.-S. *see* Wu, D.-S. 49533
Hwang, Y.J. *see* Lu, C.N. 78092
Hwang, Y.S., Paek, S.H., Song, Y.S., Cho, H.C., Choi, J.S., Jung, J.K., Lee, J.K., Lee, S.I., Lee, J.G. Thermal stability of Al-1%Si-0.5%Cu/$TiSi_2$ contact structure 62550
Hwang Bor-Yuan *see* Bor-Yuan Hwang
Hwang Chang Gyu *see* Chang Gyu Hwang
Hwang Chang-Gyu *see* Chang-Gyu Hwang
Hwang Cherngye *see* Cherngye Hwang
Hwang Chia-Lin *see* Chia-Lin Hwang
Hwang Eng-Fong *see* Eng-Fong Hwang
Hwang Ho Jung *see* Ho Jung Hwang
Hwang Humor *see* Humor Hwang
Hwang In Kwan *see* In Kwan Hwang
Hwang Ing-Shiou *see* Ing-Shiou Hwang
Hwang Jae Gyu *see* Jae Gyu Hwang
Hwang Jenq-Neng *see* Jenq-Neng Hwang
Hwang Jeong-Mo *see* Jeong-Mo Hwang
Hwang Jian-Lin *see* Jian-Lin Hwang
Hwang Jin Soo *see* Jin Soo Hwang
Hwang Jong Hak *see* Jong Hak Hwang
Hwang Jun-Dar *see* Jun-Dar Hwang
Hwang Jung Sub *see* Jung Sub Hwang
Hwang Kisoo *see* Kisoo Hwang
Hwang Lee Jae *see* Jae Hwang Lee
Hwang Liu Meng *see* Meng Hwang Liu
Hwang Myung Hak *see* Myung Hak Hwang
Hwang Nam *see* Nam Hwang
Hwang Ren-Hung *see* Ren-Hung Hwang
Hwang Ryu, Sang Seul Lee Analysis of electromagnetic shielding characteristics of the spherical multilayered dielectric 83701
Hwang Sang-Ku *see* Sang-Ku Hwang
Hwang Shu-Yuen *see* Shu-Yuen Hwang
Hwang Shug-June *see* Shug-June Hwang
Hwang Soonjoo *see* Soonjoo Hwang
Hwang Sun-Young *see* Sun-Young Hwang
Hwang Sung Bo *see* Sung Bo Hwang
Hwang Ting Ting *see* Ting Ting Hwang
Hwang Ting-Ting *see* Ting-Ting Hwang
Hwang Tzonelih *see* Tzonelih Hwang
Hwang Wen-Liang *see* Wen-Liang Hwang
Hwang Wen-Yen *see* Wen-Yen Hwang
Hwang Wol-Yon *see* Wol-Yon Hwang
Hwang Yoo Sang *see* Yoo Sang Hwang
Hwang Young-Moon *see* Young-Moon Hwang
Hwang Yuh-Shyan *see* Yuh-Shyan Hwang
Hwang-Kuen Lin *see* Gwo-Yuh Shiau 71425
Hwang-Soo Lee *see* Dong-Seog Han 75645

Hwangbo, H. KOREASAT technology development and services 86292
Hwee Boon Low *see* Horng Jyh Wu 95297
Hwei-Lan Chou, Biezad, D.J. Application of QFT to the problem of failed in-flight controllers during approach and landing of a B-720 aircraft 59473
Hwisam Kang *see* Jechang Jeong 86735
Hwu, R.J. *see* Alm, R. 93686
Hwu, R.J. *see* Sadwick, L.P. 92874
Hwu, S.U., Yin-Chung Loh, Fournet, J.S., Panneton, R.J., Arndt, G.D. A theoretical propagation model for Space Station Freedom (SSF) communication links 86297
Hwu, S.U. *see* Kwon, H.M. 86300
Hwu Jenn-Gwo *see* Jenn-Gwo Hwu
Hwu Tzong-Yin *see* Tzong-Yin Hwu
Hwui Bae Jae *see* Jae Hwui Bae
Hwung Den-Jen *see* Den-Jen Hwung
Hyang Sook Kim *see* Jin Soo Hwang 91459
Hyang-beom Lee *see* Il-han Park 83508
Hyatt, C.V. *see* Cunningham, J. 61444
Hyde, R.J., Ellis, J.H., Gardner, E.A., Yantian Zhang, Carson, P.L. MRI scanner variability studies using a semi-automated analysis system 98795
Hyde, R.L. *see* Fleisch, B.D. 96766
Hyde, S.C.W. *see* Barry, N.P. 94409
Hyde, S.R. *see* Giroult-Matlakowski, G. 91556
Hyde Kim, K. *see* Guan-Jye Chen 88299
Hydes, A. *see* Lavelle, S. 62348
Hye Kyung Chang *see* Whitesell, J.K. 56901
Hye Yeon Ahn *see* Chlamtac, I. 97061
Hye-Keun Oh, Jung-Woung Goo, Sug-Soon Yim, Tak-Hyun Yoon, Seung-Wook Park, Byung-Sub Nam, Hoyoung Kang, Cheolhong Kim, Woosung Han Exposure of halftone mask by conventional and off-axis illumination 71479
Hyen Kwon Woo *see* Woo Hyen Kwon
Hyeog Gu Kim *see* Seok Jin Jang 74402
Hyeon Kang Kyu *see* Kyu Hyeon Kang
Hyeon Kyeong Seong *see* Jai Sock Choi 61676
Hyeon Kyeong Seong *see* Jong Hak Hwang 92120
Hyeon Nam Sea *see* Sea Hyeon Nam
Hyeon Rhee Kang *see* Kang Hyeon Rhee
Hyeon Seog Hong *see* Joon Yul Joo 95512
Hyeong Cho Gyu *see* Gyu Hyeong Cho
Hyeong Ho Lee *see* Young Min Yoo 75111
Hyeong Joon Kim *see* Sun-Oo Kim 71676
Hyeong Joon Kim *see* Sun-Oo Kim 93448
Hyeong Lee Il *see* Il Hyeong Lee
Hyeong-Soo Kim *see* Seung-Chan Moon 81646
Hyeongil Kim *see* Rennels, D.A. 70370
Hygate, G. *see* Nye, J.F. 94982
Hylton, J.D. Documentation consulting for fun and profit 90826
Hylton, J.O. *see* Lind, R.F. 53082
Hylton, T.L., Parker, M.A., Ullah, M., Coffey, K.R., Umphress, R., Howard, J.K. Ba-ferrite thin-film media for high-density longitudinal recording 63198
Hylton, T.L. *see* Parker, M.A. 71934
Hyman, E., Tsang, K., Drobot, A., Lane, B., Casey, J., Post, R. One-point numerical modeling of microwave plasma chemical vapor deposition diamond deposition reactors 91621
Hyman, H. *see* Daugherty, J. 99396
Hyman, J.M. *see* Dougherty, R.L. 48885
Hyman, M. UNIX networking—sockets and streams 85690
Hyman, M. Implementing communications drivers 85691
Hymes, L. The good, the bad and the ugly [batch cleaning systems] 92755
Hymes, S. *see* Ding, P.J. 81579
Hymowitz, C. Step-by-step procedures help you solve Spice convergence problems 49056
Hynynen, K. *see* Damianou, C. 98925
Hyo Joon Eom *see* Yamaguchi, Y. 67794
Hyo Lee Jin *see* Jin Hyo Lee
Hyo Yoon Won *see* Won Hyo Yoon
Hyo Young Yeom, Young-Han Park A development of X-ray visualization system 76864
Hyo-Derk Park, Duk-Dong Lee, Wu-Il Lee, Jong-Myong Kim, Jae-Mook Kim Sensitivity of SnO_2-based thick-film devices to CH_3CN 52971
Hyo-Dong Pan, Si-Woo Lee, In-Gon Lim, Seung-Ki Joo Effect of substrate preheating on the crystallization of silicon thin films in zone melting recrystallization 48966
Hyo-Dong Pan *see* Si-Woo Lee 48967
Hyo-Hoon Park, Jong Tai Lee, Ji-Beom Yoo, Dae Kon Oh, Jeong Soo Kim Influence of impurities on thermal stability of an InGaAs/InP quantum well structure 71145
Hyo-Seong Lee, Srinivasan, M.M. Optimal replacement policies for systems with multiple standby components 91129
Hyob Kim Soon *see* Soon Hyob Kim
Hyodo, K. *see* Oku, Y. 67509
Hyodo, T. *see* Nagai, Y. 98514
Hyogo, A., Sekine, K. A design of novel nV_T level shift circuits using MOSFETs 49584
Hyogo, A. *see* Toyota, K. 49180
Hyon Paek Su *see* Su Hyon Paek
Hyon Son *see* Tae Hyung Kim 95025
Hyong Kap Kim *see* Seok Woo Choi 74049
Hyono, M., Imura, N., Esumi, K., Kasanami, T. Earth observing satellite 99213
Hyouk O Jay *see* Jay Hyouk O
Hyoung Ill Kim *see* Jae Yeol Rheem 95326
Hyoung Lee Moon *see* Moon Hyoung Lee
Hyppolite, M.-A. *see* Pierre, S. 96693
Hyuek-Jae Lee, Chang-Hoi Ahn, Cheon-Seok Park, Bong-Sik Jeong, Soo-Young Lee New iterative inverse scattering algorithms based on neural networks 83620
Hyuk Ahn Tae *see* Tae Hyuk Ahn
Hyuk Chan Kwon *see* Soon-Gul Lee 50414
Hyuk Je Kweon *see* Je Suk Lee 77002
Hyuk Kwon Jin *see* Jin Hyuk Kwon
Hyuk Park Jae *see* Jae Hyuk Park
Hyuk-Moo Kwon *see* Hee-Tae Kim 71983
Hyun, K. *see* Nakamura, J.-I. 97739
Hyun Cha Kyung *see* Kyung Hyun Cha
Hyun Chang Jik *see* Chang Jik Hyun
Hyun Chil Choi *see* Gun Woo Moon 100828
Hyun Choon Cho *see* Jae Pyung Mah 71860
Hyun Chul Kang *see* Hyun Meen Jung 95994
Hyun Dong-Seok *see* Dong-Seok Hyun
Hyun Joon Cho *see* Young Min Yoo 75111
Hyun Joon Shin *see* Jinhee Kim 50430
Hyun Jung Gi *see* Gi Hyun Jung
Hyun Kim Do *see* Do Hyun Kim
Hyun Kim Dong *see* Dong Hyun Kim
Hyun Kim Duck *see* Duck Hyun Kim
Hyun Kim Jae *see* Jae Hyun Kim
Hyun Kim Jeong *see* Jeong Hyun Kim
Hyun Kim Ki *see* Ki Hyun Kim
Hyun Lee Jong *see* Jong Hyun Lee
Hyun Meen Jung, Young Kyu Kim, Taek Hyun Yun, Hyun Chul Kang, Byeong Rae Lee, Kyu Tae Park Image coding by block based fractal approximation 95994
Hyun Nam Seung *see* Seung Hyun Nam
Hyun Park Jae *see* Jae Hyun Park
Hyun Rho Ji *see* Ji Hyun Rho
Hyun Shik Yoon, Won Kyung Cho Design of a digital neuron processor using the residue number system 70802
Hyun Shin Suk *see* Suk Hyun Shin
Hyun Soo Nham *see* Byung Il Choi 76275
Hyun Tae Jung, Hae Lyong Kim, Yang Min Seo, Ghun Choe, Sang Lyul Min, Chong Sang Kim, Kern Koh Caller Identification System in the Internet environment 58198
Hyun Yang Jae *see* Jae Hyun Yang
Hyun Yoon Ki *see* Ki Hyun Yoon
Hyun Yoon Tai *see* Tai Hyun Yoon
Hyun Yun Taek *see* Taek Hyun Yun
Hyun-Chul Ko, Uchida, K., Nakatsuka, S. Effect of light irradiation on sulfide-treated GaAs with SiO_2 deposition 49898
Hyun-Kyo Jung *see* Changyul Cheon 83759
Hyun-Kyo Jung *see* Hong-bae Lee 80004
Hyun-Kyo Jung *see* Seog-Whan Kim 73247
Hyun-Kyo Jung *see* Yong-Gyu Park 83510
Hyun-Kyu Yu, Jong-Son Lyu, Sang-Won Kang, Choong-Ki Kim A physical model of floating body thin film silicon-on-insulator nMOSFET with parasitic bipolar transistor 55985
Hyun-Soo Kim *see* Ali Amin 55712
Hyun-Tak Kim *see* Nose, T. 93716
Hyunchul Shin *see* Wonjong Kim 80029
HyunDae Hong, Fox, M.D. Laser detection of cardiovascular pulsation 67474
Hyung Chung Kie *see* Kie Hyung Chung
Hyung Han Baik *see* Han Baik Hyung
Hyung Ho Park *see* Hwan Seong Moon 61965
Hyung Hwa Ko *see* Pill Woong Choi 74390
Hyung Jin Choi *see* Jai Chul Song 91957
Hyung Jin Choi *see* Sung Chan Ko 75371
Hyung Jin Choi *see* Sung Chan Ko 92897
Hyung Jo Shin, Sun Mog Hong Adaptive update rate tracking using IMM algorithm 74039
Hyung Joun Yoo *see* Doh Hoon Kim 71536
Hyung Joun Yoo *see* Yong-Ho Oh 71456
Hyung Kim Tae *see* Tae Hyung Kim
Hyung Kyu Yang, In Sook Lee, Dong Ho Won 4-Move ZKIP using WH and WI and its applications 83939
Hyung Ok Lee *see* Sang Bae Yi 70495
Hyung Suh Ho *see* Ho Hyung Suh
Hyung Won Yoo *see* Heung Sik Kim 93233
Hyung-Dong Kim *see* Seung-Moon Yoo 70533
Hyung-Ho Park, Kwang-Ho Kwon, Jong-Lam Lee, Kyung-Soo Suh, Oh-Joon Kwon, Kyoung-Ik Cho, Sin-Chong Park Characterization and removal of silicon surface residue resulting from CHF_3/C_2F_6 reactive ion etching 93184
HYung-Ill Choi *see* Gye-Young Kim 95841
Hyung-Jong Lee *see* Ju-Heon An 72356
Hyung-Kyu Lim *see* Do-Chan Choi 70532
Hyung-Lae Baek *see* In-Su Cha 100809
Hyung-Moo Park *see* Jong-Lam Lee 81960
Hyung-Sik Chung *see* Jae-Woong Ko 82333
Hyung-Soo Mok, Seung-Ki Sul, Min-Ho Park A load commutated inverter-fed induction motor drive system using a novel DC-side commutation circuit 69111
Hyung-Soo Mok, Seung-Ki Sul, Min-Ho Park, Ki-Yong Kim DSP-based field oriented control of a load commutated current source inverter (LCCSI)-fed AC motor drive 100827
Hyung-Wook Jeon *see* Yim-Kul Lee 50955
Hyungcheol Shin, Zhi-Jian Ma, Chenming Hu Impact of plasma charging damage and diode protection on scaled thin oxide 93406
Hyunhee Kim *see* Sanghyun Kim 82114
Hyunsik Jang, Kuchang Kang, Chuldong Oh, Kisoo Hwang The carry increment adder: A fast adder structure for DSP application 70455
Hyunsoon Jang *see* Yunho Choi 49427
Hyunwoo Cho, Hachtel, G.D., Macii, E., Poncino, M., Somenzi, F. A structural approach to state space decomposition for approximate reachability analysis 92033
Hyyppa, J., Hallikainen, M., Pulliainen, J. Accuracy of forest inventory based on radar-derived stand profile 67920
Hyyppa, J. *see* Pulliainen, J. 67919
Hyyppa, J. *see* Pulliainen, J.T. 88864
Hyyppa, K. Signal response of a laser beam scanner 87281
Hyyppa, K., Ericson, K. Low-noise photodiode-amplifier circuit 52859

i Cabarrocas, P.Roca *see* Roca i Cabarrocas, P.
I Chih-Lin *see* Chih-Lin I
I Gon Kim *see* Kim I Gon
I-Hsing Tan, Dudley, J.J., Babic, D.I., Cohen, D.A., Young, B.D., Hu, E.L., Bowers, J.E., Miller, B.I., Koren, U., Young, M.G. High quantum efficiency and narrow absorption bandwidth of the wafer-fused resonant $In_{0.53}Ga_{0.47}As$ photodetectors 87184
I-Hsing Tan, Reaves, C., Dudley, J.J., Holmes, A.L., Jr., Babic, D.I., Hu, E.L., Bowers, J.E., DenBaars, S. Low-temperature Pd direct bonding and electrical transport across InP-Pd-GaAs interfaces 55658
I-Jung Hung *see* Lin-Shan Lee 95300
I-Kong Fong *see* Shi-Chung Chang 68483
I-Pao Chen *see* Tsung-Han Su 87406
I-Pung Hu *see* Schlueter, R.A. 59705
I-Tai Lu *see* Han-Yang Chen 59579
I-Wei Wu Polycrystalline silicon thin film transistors for liquid crystal displays 81872
I-Wei Wu High-definition displays and technology trends in TFT-LCDs 87365
I-Yung Fu *see* Cheng-Wei Chu 82706
Iaboni, P. *see* Amadio, E. 77200
Iacob, S. *see* Vlaicu, A. 76910
Iaconis, F. *see* D'Emilia, G. 98034
Iacovacci, M. *see* Verhaverbeke, S. 62494
Iacovou, D. *see* Johnson, M. 76135
Iacuessa, E. *see* Bencivenni, G. 67303
Iafelice, V. *see* Jianping Xi 100527
Iafrate, G.J. *see* Gaska, R. 81270
Iai, S., Kurita, T., Kitawaki, N. Quality requirements for multimedia communication services and terminals—interaction of speech and video delays 74802
Iai, S. *see* Kurita, T. 96829
Ianconescu, R., Heyman, E. Pulsed field diffraction by a perfectly conducting wedge: a spectral theory of transients analysis 73304
Ianconescu, R., Heyman, E. Pulsed beam diffraction by a perfectly conducting wedge: exact solution 94766
Iancu, V. *see* Radulescu, M.M. 54196
Ianculescu, G. *see* Cheng, J. 59519
Ianculescu, G.D., Ly, J., Laub, A.J., Papadopoulos, P.M. Space Station Freedom solar array H_∞ control 67736
Iannetta, R.A., Jr. Reliability and versatility of PTF fine pitch technology 90969
Ianni, M.Di *see* Di Ianni, M.
Ianniello, J.W. *see* Go, G. 88719
Iannone, C. *see* Laiz, H. 86900
Iannone, E., Amoroso, N. Very high capacity WDM coherent transmission systems 65788
Iannone, E., Matera, F., Settembre, M. Performance of very long intensity modulated direct-detection optical links with low chromatic dispersion 52589
Iannone, E. *see* D'Ottavi, A. 56849
Iannone, P.P., Gnauck, A.H., Prucnal, P.R. Dispersion-compensated 333-km 10-Gb/s transmission using mid-span spectral inversion in an injection-locked InGaAsP V-groove laser 86371
Iannone, P.P., Prucnal, P.R. Multinanometer wavelength conversion of 2.5 and 10 Gb/s optical channels in an injection-locked semiconductor laser 86365
Iannone, P.P. *see* Gnauck, A.H. 58381
Ianovski, V. *see* Buontempo, S. 53297
Iatrou, C.T. *see* Cavenago, M. 53169
Iatrou, S. *see* Mil'shtein, S. 90390
Iazzi, F. *see* Martin, A. 67356
Iba, H., Kurita, T., de Garis, H., Sato, T. System identification using structured genetic algorithms 54716
Iba, K. Reactive power optimization by genetic algorithm 53715
Iba, K. Reactive power optimization by genetic algorithm 78032
Iba, K., Kawasaki, L., Kumano, C. Automatic map-drawing method for power system networks using fractal approach 89183

Ibaev, Yu.K., Koledov, V.V., Kuklin, A.Yu., Monosov, Ya.A. Control of the emission spectrum of a semiconductor laser with a multi-mirror external cavity 83146
Ibanez, A. *see* Barrios, L.J. 66205
Ibanez, J.A. *see* Arenas, A. 52759
Ibanez, J.A. *see* Molina, C. 87601
Ibaragi, E., Toi, M. Distance relay using high speed sampling technology 89355
Ibaraki, H. *see* Matsui, H. 85564
Ibaraki, N. *see* Fukuda, K. 81893
Ibaraki, T. *see* Soneoka, T. 52145
Ibarra, J.G. *see* Lohmann, A. 74248
Ibarra, O.H. *see* Chang, D. 48667
Ibarrondo, I. *see* Gonzalez, J. 71954
Ibbetson, J.P., Mirin, R.P., Mishra, U.K., Gossard, A.C. Effects of As_4 flux on reflection high-energy electron diffraction oscillations during growth of GaAs at low temperatures 54839
Ibbetson, J.P. *see* Nguyen, N.X. 62905
Ibbetson, L.J., Lopes, L.B. A GSM radio link simulation tool 58349
Ibbett, D.A., Dugdale, R.E., Hart, G.C., Vowden, K.R., Vowden, P. Measuring leg ulcers using a laser displacement sensor 76974
Ibbotson, D.E. *see* Blayo, N. 71320
Ibbott, G.S. *see* Maryanski, M.J. 88614
Ibe, H. *see* Ogawa, I. 62094
Ibe, H. *see* Sharma, M. 97342
Iberall, T., Sukhatme, G.S., Beattie, D., Bekey, G.A. On the development of EMG control for a prosthesis using a robotic hand 98951
Ibijola, E.A. On a sixth-order non-linear, one-step scheme for numerical integration of ordinary differential equations 61184
Ibijola, E.A. On stability analysis of a new fifth-order one-step algorithm for numerical solution of initial value problem $y^1 = f(x,y)$, $Y(0) = Y_0$ 61186
Ibijola, E.A. Some theoretical and computational procedures relating to explicit 4-step method of order 4 91402
Ibiyemi, T.S. A DSP-based decoding and encoding of composite PAL/NTSC video signals 73607
Ibragimov, Kh.M.O. *see* Abakarova, N.S. 55546
Ibragimov, V.A. *see* Mostinskii, I.L. 99922
Ibrahim, A.M. *see* Zayed, H.A. 62203
Ibrahim, B.B., Aghvami, A.H. Direct sequence spread spectrum matched filter acquisition in frequency-selective Rayleigh fading channels 75204
Ibrahim, B.B., Aghvami, A.H. Direct sequence spread spectrum code acquisition in mobile fading channel using matched filter with reference filtering 86237
Ibrahim, I.I. A neural network speech interface with the DOS commander 84162
Ibrahim, M. *see* Ab. Ghani, M.R. 99496
Ibrahim, M.K. *see* Ashur, A.S. 91970
Ibrahim, M.K. *see* Bashagha, A.E. 70354
Ibrahim, M.K. *see* Khalab, J.M. 74152
Ibrahim, S.A. *see* El-Rabaie, S. 49119
Ibrahim, S.E. L_W^2-boundedness for solutions of general ordinary quasi-differential equations 61194
Ibrahim, T.F., Chakravarthy, C.V. A modified flow enforcement technique for preventive congestion control in ATM networks 96150
Ibrahim, W.M.Gomaa *see* Gomaa Ibrahim, W.M.
Ibsen, P.M. *see* Orwig, L.P. 77788
Ibtiouene, R. *see* Laporte, B. 89855
Ibukiyama, T., Saito, H. On *L*-functions of ternary zero forms and exponential sums of Lee and Weintraub 79587
Ichiba, H. *see* Nogami, T. 60277
Ichibangase, H. *see* Kano, A. 86358
Ichida, A. *see* Kuwabara, H. 61319
Ichie, K. *see* Takeichi, M. 59531
Ichie, R. *see* Fujita, N. 89380
Ichige, M., Doke, T., Doi, Y., Yoshimura, Y. Operating characteristics of photomultipliers at low temperature 62130
Ichige, M. *see* Ishida, N. 67339
Ichiguchi, T. *see* Matsuoka, H. 62843
Ichihara, H. *see* Kamishima, Y. 65493
Ichihara, K., Inoue, N., Okubo, M., Yasuda, N. The origin of the inhomogeneity of electrical resistivity in magnetron-sputtered indium tin oxide thin films 62198
Ichihara, K. *see* Nakamura, K. 81510
Ichihara, M. *see* Hirota, T. 83539
Ichihara, M. *see* Miyake, S. 68255
Ichihara, T., Motomura, N., Ito, T., Nakamura, K., Matsumura, K., Takeda, K., Nakagawa, T. Phantom study and preliminary clinical evaluation of position-dependent Compton-scatter correction system 59299
Ichihara, T. *see* Fuchi, Y. 59134
Ichihara, Y. *see* Setsune, K. 82335
Ichihashi, T., Iijima, S. Surface structure of silicon observed by ultra-high-vacuum transmission electron microscopy at an atomic level 61339
Ichihashi, T. *see* Matsui, S. 71546
Ichikawa, F. *see* Kurachi, I. 55992
Ichikawa, F. *see* Yoshimaru, M. 61395
Ichikawa, J.-I. *see* Kutsukake, H. 52835
Ichikawa, K. *see* Idehara, T. 62093
Ichikawa, K. *see* Idehara, T. 62105
Ichikawa, M. *see* Miyazawa, H. 50604
Ichikawa, R. *see* Matsuoka, F. 92220
Ichikawa, S., Matsumura, N., Yamawaki, K., Senga, K., Saraie, J. Migration enhancement on ZnSe surface in photoassisted molecular beam epitaxy and long duration time of the effects 61283
Ichikawa, S., Nagai, A., Iwata, T. Membersnet VPN service 85425
Ichikawa, S., Okamoto, E. An examination of numerical processing for Laplace transformation pair 94894
Ichikawa, S., Tanaka, J., Hirokawa, T., Hirayama, H. Super low-noise hetero-junction FET 61901
Ichikawa, T. *see* Arai, K. 82513
Ichikawa, T. *see* Mizomata, Y. 93915
Ichikawa, T. *see* Naiki, I. 92196
Ichikawa, Y. Fabrication technology for large-area a-Si solar cells 100583
Ichikawa, Y., Fujikake, S., Takayama, T., Saito, S., Ota, H., Yoshida, T., Ihara, T., Sakai, H. Large-area amorphous silicon solar cells with high stabilized efficiency and their fabrication technology 100609
Ichikawa, Y., Matsumura, M., Yagi, Y. Substation equipment supplied to the Kira substation, Chubu Electric Power Co., Inc 78753
Ichikawa, Y., Suzuki, N., Hino, T. 7.2 kV SF_6 gas-insulated switchgear 78738
Ichikawa, Y. *see* Fujikake, S. 100598
Ichikawa, Y. *see* Hasegawa, Y. 78247
Ichikawa, Y. *see* Kameda, H. 89379
Ichikawa, Y. *see* Sato, H. 61353
Ichikawa, Y. *see* Sato, H. 100650
Ichikawa, Y. *see* Sichanugrist, P. 100594
Ichiki, T., Yoshida, T. Growth of cubic boron nitride films by low-pressure inductively coupled plasma enhanced chemical vapor deposition 79945
Ichiki, T. *see* Maeda, S. 71691
Ichiki, T. *see* Maegawa, S. 92819
Ichiko, O., Hamada, N., Minamida, K. Development of optical system for controlling spatial profile of laser beam 83226
Ichikura, Y., Watanabe, K. Measurement of particle flow by optical spatial filtering 98361
Ichimoto, K. *see* Miyazaki, H. 50659
Ichimura, I. *see* Kaneko, M. 50602
Ichimura, N., Takeuchi, T., Nagai, Y. Labeling and region segmentation of image based on MRF model 51663
Ichimura, S., Sekine, S., Kokubun, K., Shimizu, H. Pressure measurement by laser ionization: direct counting of generated ions by imaging of their spatial distribution 92859
Ichimura, S. *see* Hashimoto, M. 62377
Ichimura, T. *see* Tanno, N. 87571
Ichimura, Y., Endo, H. Miniature multi-contact ZIF connector design using leverage from internal flexible fine metal pins 92671
Iching Liu *see* Ying Sun 51504
Ichino, H., Togashi, M., Ohhata, M., Imai, Y., Ishihara, N., Sano, E. Over-10-Gb/s IC's for future lightwave communications 52560
Ichino, H. *see* Hotta, N. 97213
Ichino, H. *see* Ishii, K. 58409
Ichino, H. *see* Ishii, K. 70381
Ichino, H. *see* Kawamura, T. 58253
Ichino, H. *see* Kawamura, T. 70428
Ichino, K., Onishi, T., Kawakami, Y., Fujita, S., Fujita, S. Growth of ZnS and ZnCdSSe alloys on GaP using an elemental sulfur source by molecular beam epitaxy 61285
Ichino, K. *see* Yamaguchi, S. 83072
Ichino, M., Yaguchi, H. Generalized Minkowski metrics for mixed feature-type data analysis 64582
Ichinokawa, T., Itoh, H., Schmid, A., Winau, D., Kirschner, J. Reconstructed structures in metal/Si(100) surfaces at high temperature observed by scanning tunneling microscopy 71198
Ichinokawa, T. *see* Itoh, H. 71200
Ichinokawa, T. *see* Winau, D. 71199
Ichinokura, O., Jinzenji, T., Tajima, K. A new variable inductor for VAR compensation 54051
Ichinokura, O. *see* Sakamoto, Y. 54011
Ichinokura, O. *see* Tajima, K. 50376
Ichinose, H. *see* Chen, M. 67340
Ichinose, H. *see* Yamashita, H. 97663
Ichinose, M., Kainuma, S. Measurement of polarization characteristics of VHF radio waves reflected by the E_s layer 83683
Ichinose, M. *see* Cingoski, V. 83427
Ichinose, N., Komachi, T. Synthesis of ferroelectric $Pb_{1-x}Ca_xTiO_3$ single crystals 48909
Ichinose, N. *see* Maiwa, H. 91572
Ichinose, N. *see* Maiwa, H. 93714
Ichinose, S. *see* Shiwa, S. 75769
Ichinose, T., Asami, T., Kimura, T. An equipment for protecting a photovoltaic generation system connected to a grid 89751
Ichinose, T. *see* Okado, C. 89752
Ichinose, T. *see* Yamanaka, C. 48706
Ichinose, T. *see* Yasuda, H. 56619
Ichinose, T. *see* Yuyama, S. 100022
Ichinose, Y. *see* Saitoh, H. 70087
Ichioka, T. *see* Tsuji, T. 55180
Ichioka, Y. *see* Itoh, K. 56377
Ichioka, Y. *see* Miyazaki, D. 84842
Ichioka, Y. *see* Tanida, J. 63521
Ichioka, Y. *see* Yoshimori, K. 99295
Ichitsubo, S., Kimura, M. A propagation model for mobile radio propagation loss in an urban area at 800 MHz 64146
Ichiura, S., Tsuchiya, Y., Terasaki, H., Ota, O. High-density video disc using superresolution and green laser 58601
Ichiura, S. *see* Tsuchiya, Y. 86789
Ick Jang Won *see* Won Ick Jang
Iconomidou-Fayard, L. *see* Gingrich, D. 53291
Ida, J., Yoshimaru, M., Usami, T., Ohtomo, A., Shimokawa, K., Kita, A., Ino, M. Reduction of wiring capacitance with new low dielectric SiOF interlayer film for high speed/low power sub-half micron CMOS 71807
Ida, J. *see* Kai, K. 93440
Ida, J. *see* Uchida, T. 71696
Ida, K. *see* Okada, S. 61127
Ida, M., Suzaki, H., Yamanaka, T., Nishikawa, T. An L-band power amplifier multi-chip-module using multi-layered planar circuits 86240
Ida, M. *see* Kobayashi, T. 61387
Ida, N. *see* Bastos, J.P.A. 79748
Ida, N. *see* Bastos, J.P.A. 83764
Ida, N. *see* Chellamuthu, K.C. 79745
Ida, S. *see* Ogawa, F. 55291
Ida, T. *see* Mizumoto, T. 50524
Ida, Y. *see* Kiyayama, T. 86356
Ide, A. *see* Nobiki, A. 64706
Ide, A. *see* Tateda, H. 74482
Ide, H. *see* Funada, M.F. 67550
Ide, H. *see* Maeda, T. 50607
Ide, J. Estimating the electrical compatibility of mechanically compatible connectors 92664
Ide, J.-I. *see* Nakamoto, T. 58868
Ide, J.P. *see* Yeo, S.P. 97840
Ide, K., Koharagi, H., Takahashi, M., Yanagisawa, Y., Nishi, M. Analyzing method of saturatable magnetic flux of rotating machines 78556
Ide, K., Watanabe, M., Sato, M., Takahashi, M., Takahashi, N. Reduction of higher harmonic sequences in terminal voltage of an AC exciting synchronous generator using magnetically anisotropic slot wedges 68575
Ide, K., Zhi-Guo Bai, Zi-Jiang Yang, Tsuji, T. Vector approximation with the secondary parameters compensation of IM 100133
Ide, M. *see* Hashimoto, M. 62377
Ide, M. *see* Teshima, K. 86357
Ide, S. *see* Yamamoto, T. 94502
Ide, T. *see* Miyazawa, H. 50604
Ide, Y., Yamada, M. Role of Ga_2O in the removal of GaAs surface oxides induced by atomic hydrogen 93220
Ide, Y., Yamada, M. Effects of electron beam irradiation and subsequent Cl_2 exposure on photo-oxidized c(4×4) GaAs: mechanism of in situ EB lithographic patterning 93282
Ide, Y. *see* Uchida, N. 100392
Ide, Y. *see* Yamada, M. 55755
Ideguchi, E. *see* Sugimitsu, T. 67251
Ideguchi, T. *see* Akiyama, Y. 94971
Ideguchi, T. *see* Yamane, H. 61429
Ideguchi, T. *see* Yamane, H. 99743
Ideguchi, T. *see* Yamane, H. 99758
Idehara, T., Shimizu, Y., Makino, S., Ichikawa, K., Tatsukawa, T., Ogawa, I., Brand, G.F. High-frequency, amplitude modulation of a submillimeter wave, medium power gyrotron 62093
Idehara, T., Shimizu, Y., Makino, S., Ichikawa, K., Tatsukawa, T., Ogawa, I., Brand, G.F. Rapid frequency step-switching of a submillimeter wave gyrotron by modulation of the electron beam 62105
Idehara, T. *see* Ogawa, I. 62094
Idei, H. *see* Ohkubo, K. 92457
Idei, Y., Homma, N., Onai, T., Washio, K., Nishida, T., Nambu, H., Kanetani, K. Capacitor-coupled complementary emitter-follower for ultra-high-speed low-power bipolar logic circuits 70451
Idei, Y. *see* Nambu, H. 70537
Idei, Y. *see* Onai, T. 93578
Idek, I. SIMUX adds value 52284
Ider, Y.Z. *see* Gencer, N.G. 67491
Ider, Y.Z. *see* Gencer, N.G. 76982
Ider, Y.Z. *see* Kuzuoglu, M. 67574
Idesawa, M. *see* Huai-Dong Ding 87297
Ideshita, S. *see* Furukawa, A. 62164
Idiart, E. *see* Charra, F. 56912
Idier, J. *see* Champagnat, F. 84298
Idirene, N. *see* Guedes Silveira, J. 58224
Idler, W. *see* Dutting, K. 63791
Ido, H., Ishikawa, H., Sasaki, T., Iwamiya, H. A consideration on the construction of a graph with the maximum number of trees 48790
Ido, S. *see* Kieliszek, A. 90245
Ido, T., Sano, H., Moss, D.J., Tanaka, S., Takai, A. Strained InGaAs/InAlAs MQW electroabsorption modulators with large bandwidth and low driving voltage 94188
Idogawa, K. *see* Funada, M.F. 67550
Idoue, A., Kato, T., Suzuki, K., Ono, K. Operating system for communication board supporting OSI7 layer protocols 74957
Idowu, P., Ghandakly, A. A decentralized MRAC-based PSS for multimachine power systems 68027
Idris, F. *see* Fatemi, O. 92249

Idrisov, F.F. Mathematical data processing of physical experimental estimation of the parameters of a multidimensional autoregression model with missing measurements 91184
Idrisov, F.F. Estimation of the parameters of a multidimensional autoregression model in the presence of anomalous errors 97741
Idrisov, F.F., Tkachenko, V.N. Nuclear estimators of the correlation function and power spectrum of a stochastic process with measurements at random times 95412
Idrissi, A.E. *see* Moreau, J.-M. 76154
Idury, R.M. *see* Aurenhammer, F. 79566
Idzikowski, B., Wrzeciono, A., Kovac, J. Magnetization study of Y-Fe-B and Y-Co-B amorphous ribbons 72011
Ieda, M., Nagao, M., Hikita, M. High-field conduction and breakdown in insulating polymers. Present situation and future prospects 93761
Ieiri, T. Bunch lengthening observed using real-time bunch-length monitor in the TRISTAN AR 87927
Ieiri, T., Arinaga, M. A single-passage beam-position monitor in the TRISTAN AR-to-MR transport lines 76484
Ieiri, T. *see* Shinoe, K. 76485
Ieki, H., Sakurai, A. SAW resonators using epitaxially grown Al electrodes 63124
Ieki, H. *see* Sakurai, A. 71919
Iemura, M., Kurosumi, M., Yamaguchi, J. Optimal tap position in lag type operating circuit for high-pressure mercury arc lamp with by-pass circuit 100931
Ienni, P.G., Searioni, V. Specification and testing of LV electrical apparatus 68512
Iess, L. *see* Dobrowolny, M. 88635
Iester, M. *see* Rolando, M. 76915
Ieyasu, A. *see* Kieliszek, A. 90245
Iezekiel, S., Soshea, E.A., O'Keefe, M.F.J., Snowden, C.M. High-speed optoelectronic multichip modules packaged in glass on silicon 72653
Ifeachor, E.C. *see* Keith, R.D.F. 76885
Ifrim, C. Transient eddy currents computation in ferromagnetic media 73229
Ifrim, C., Hantila, I.F. Boundary element technique for transient magnetic field computation in ferromagnetic media 64066
Ifrim, C. *see* Hantila, I.F. 64098
Iftar, A. Overlapping decomposition of traffic networks 65025
Iftekharuddin, K.M., Jemeli, K., Karim, M.A. Comparison between optical interconnection processors: folded perfect-shuffle versus three-dimensional butterfly 72528
Iftekharuddin, K.M., Karim, M.A. Acquisition of noise-free and noisy signal: effect of different staring focal-plane-array pixel geometry 58841
Iftekharuddin, K.M., Karim, M.A., Awwal, A.A.S. Performance analysis of the ternary amplitude modulated binary phase only filter 85071
Iftekharuddin, M., Jemili, K., Karim, M.A. Comparison between optical interconnection processors: folded perfect-shuffle versus 3-D butterfly 56484
Iftimia, N., Kopica, M., Spanulescu, I., Strzelec, M. Active remote sensing using heterodyne technique 99163
Iftode, L. *see* Caceres, R. 65069
Ifukube, A. *see* Yamamoto, M. 89398
Ifukube, T. *see* Ino, S. 58725
Iga, A. In-service methods for distinguishing the DC component due to water treeing from noise currents in XLPE cable 53761
Iga, F., Fukuchi, H., Inoue, I.H., Nishihara, Y. Magnetism and electrical properties in the perovskite-type $Y_{1-x}Ca_xTiO_3$ 63168
Iga, K. Surface emitting lasers 72839
Iga, K. *see* Acosta, E. 65774
Iga, K. *see* Baba, T. 56774
Iga, K. *see* Baba, T. 94530
Iga, K. *see* Honda, T. 49878
Iga, K. *see* Honda, T. 83048
Iga, K. *see* Intani, D. 65773
Iga, K. *see* Miyamoto, T. 83049
Iga, K. *see* Mori, K. 56806
Iga, K. *see* Mukaihara, T. 50569
Iga, K. *see* Mukaihara, T. 94444
Iga, M. *see* Kikuchi, J. 55814
Iga, M. *see* Kikuchi, J. 62418
Iga, R. *see* Mawatari, H. 72875
Iga, R. *see* Sugiura, H. 69948
Iga, T. *see* Uematsu, T. 100484
Igarashi, H., Honma, T. An analysis of electromagnetic waves by a complementary finite element method 83757
Igarashi, H., Kawato, M. A solution for inverse problems based on a two-layer random field model—application to image restoration using edge information 84618
Igarashi, J. *see* Yamamoto, M. 93088
Igarashi, M. *see* Chou, T. 71987
Igarashi, M. *see* Kubota, E. 91632
Igarashi, M. *see* Uchihashi, T. 93728
Igarashi, O. *see* Niki, S. 61269
Igarashi, R., Fukushima, S., Yamada, Y., Uemura, T., Saitoh, A., Narita, Y. Evaluation of fluctuating dead times by time interval distribution measurement 76831
Igarashi, R., Narita, Y., Watanabe, M. A proposal of a pulse detection method for a sytem to anticipate the breakdown of magnet relays 89369
Igarashi, R. *see* Narita, Y. 99885
Igarashi, S. *see* Okuma, Y. 68865
Igarashi, T. *see* Kouno, H. 70709
Igarashi, T. *see* Miki, T. 49507
Igarashi, T. *see* Tamba, N. 92241
Igarashi, Y., Marubayashi, M., Fujimaki, M., Nishimura, Y. A monitor and control system of distributed electrical panels for construction use 100978
Igarashi, Y., Yamanobe, T., Jinbo, H., Ito, T. Sub-quarter micron copper interconnects through dry etching process and its reliability 71432
Igarashi, Z. *see* Ono, M. 66820
Igari, S., Nose, J., Hiruma, T., Nagamine, F., Fujisawa, K. Accelerated degradation test method for a-Si PV modules 94265
Igari, S. *see* Shimokawa, R. 100578
Igari, S. *see* Takahisa, K. 100601
Igari, T. *see* Yoshimine, T. 77757
Igawa, A. *see* Lam, F. 80752
Igawa, H. *see* Imada, G. 82907
Igi, S. *see* Kondo, T. 58521
Igi, S. *see* Kondo, T. 86633
Igier, F. *see* Bakowski, P. 55236
Iglesias, A. *see* Arefiev, A. 88007
Iglesias, I. *see* Suran, G. 82246
Iglesias, J.L.Gutierrez *see* Gutierrez Iglesias, J.L.
Iglesias, R. *see* Tejedor, M. 53026
Iglesias, T.P., Seoane, A., Rivas, J. A contribution to the measurement of permittivity with the short-circuited line method 58948
Iglesias, T.P. *see* Peon-Fernandez, J.F. 50113
Ignagni, M.B. On the orientation vector differential equation in strapdown inertial systems 99076
Ignat, D. *see* Von Goeler, S. 59246
Ignat'ev, A.P. *see* Mikerov, V.I. 74015
Ignat'ev, A.S., Kaminskii, V.E., Kopylov, V.B., Nemtsev, G.Z. Static characteristics of a selectively doped pseudomorphic field-effect transistor 71729
Ignatiev, A. *see* Fredricksen, H. 56190
Ignatiev, A. *see* Lin, H. 71899
Ignatiev, M., Smurov, I., Flamant, G. Real-time optical pyrometer in laser machining 50990
Ignatius, H.J. *see* Jimenez, D.W. 69532
Ignatov, A.M., Dergileva, I.L. Angular structure of the upward thermal IR radiation and its relevance to the sea surface temperature retrieval 77491
Ignatov, A.M., Tarakanov, V.P. Squeezed state of high-current electron beam 62069
Ignatov, S.M. *see* Grishaev, S.I. 88136
Igor, S. *see* Yuri, F. 98338
Igoshin, V.I., Kazakevich, V.S., Morozov, K.V., Petrov, A.L., Popkov, G.N., Chernovaya, V.B. Calculation of the electron energy in the discharge plasma of a pulsed electron-beam-controlled CO laser on the basis of an analysis of the temporal characteristics of its radiation 63653
Igoshin, V.I., Pichugin, S.Yu. Multilevel model of a pulsed chemical H_2-F_2 laser and its promising operational modes 63652
Iguchi, G., Tsuji, M., Shigesawa, H. Negative coupling between TE_{10} and TE_{20} modes for use in evanescent-mode bandpass filters and their field-theoretic CAD 92478
Iguchi, H. *see* Fujisawa, A. 59040
Iguchi, H. *see* Hamada, Y. 59041
Iguchi, H. *see* Okude, Y. 59915
Iguchi, K. *see* Kawamura, A. 70508
Iguchi, K. *see* Sato, S. 70520
Iguchi, M., Sakai, E., Kamikawara, T., Urushiyama, K., Ogura, M., Shimizu, T. System LSI for CD-ROM μPD63700GF, μPD63701GF 63346
Iguchi, T. *see* Li, F. 77360
Iguchi, T. *see* Okubo, T. 89544
Iguchi, T. *see* Takahashi, H. 59190
Iguchi, T. *see* Takahashi, H. 98732
Iguchi, Y. *see* Iwasaki, T. 94268
Igumenov, I.K. *see* Kriger, Yu.G. 71015
Igumenov, V.T., Konstantinov, V.M. Hall converters for contactless DC motors 60237
Igura, H. *see* Mizuno, M. 70426
Igura, H. *see* Suzuki, K. 92288
Ih Whan Cha *see* Nam Sun Kim 74038
Ihara, H. *see* Yamashita, H. 97663
Ihara, M. *see* Ishikawa, M. 70946
Ihara, S., Tani, M., Tomiyama, K. Residential load characteristics observed at KEPCO power system 77854
Ihara, S. *see* Ohkura, Y. 62190
Ihara, S. *see* Tanaka, J. 93417
Ihara, T. *see* Ichikawa, Y. 100609
Ihara, T. *see* Oguchi, T. 77417
Ihara, T. *see* Oikawa, Y. 52563
Ihara, Y. *see* Kakino, Y. 87545
Ihata, Y. *see* Ishimoto, R. 68451
Ihloff, E., Averill, R., Flanz, J., Jacobs, K., Sobczynski, S., Wang, D., Zolfaghari, A. Vacuum system design of the MIT-Bates South Hall Ring 87649
Ihloff, E. *see* Averill, R. 76689
Ihloff, E. *see* Averill, R. 76690
Ihloff, E. *see* Averill, R. 76691
Ihloff, E. *see* Flanz, J.B. 76342
Ihloff, E. *see* Flanz, J.B. 76496
Ihn, T. *see* Asche, M. 62287
Ihn Seok Ahn *see* Noh Sung Lee 79269
Ii, Y.W., Hussey, C.D. Depressed cladding single-mode fibres for 1300 nm operation 63379
Il Park Se *see* Se Il Park
Iickho Song *see* Gi Hun Lee 86663
Iida, A., Nishikawa, R. A thin film of an Ni-NiO heterogeneous system for an optical recording medium 82521
Iida, A. *see* Itoh, K. 80193
Iida, F. *see* Takahashi, R. 82437
Iida, H. *see* Hidai, T. 97428
Iida, H. *see* Ishibashi, K. 49420
Iida, H. *see* Ishibashi, K. 70564
Iida, H. *see* Yamaoka, T. 84140
Iida, K. *see* Matsuo, H. 100312
Iida, K. *see* Matsuo, H. 100332
Iida, K. *see* Matsuo, H. 100883
Iida, M. Performance of diversity combined decision feedback equalizer for microcellular mobile radio communication systems 75302
Iida, M. *see* Baba, S. 85669
Iida, M. *see* Matsumae, Y. 55888
Iida, O., Onoda, D., Kono, S., Hshiba, K., Ohsawa, S. Expansion of measuring range for a fiber-optic distributed temperature sensor and applications to commercial plants 98027
Iida, S. *see* Adachi, K. 80886
Iida, S. *see* Masukawa, S. 60307
Iida, S. *see* Masukawa, S. 100220
Iida, S. *see* Morohashi, M. 61270
Iida, S. *see* Tsuboi, N. 48938
Iida, S. *see* Tsuboi, N. 61267
Iida, T., Iwamoto, H. High-frequency link switched mode active converter using IGBTs for battery charger in electric vehicle and design-oriented performance 100381
Iida, T., Pelton, J.N. Conceptual study of advanced Asia-Pacific Telecommunications Satellite for future gigabit transmission 65719
Iida, T. *see* Kakeya, M. 58243
Iida, T. *see* Kodaira, M. 67214
Iida, Y., Morita, M. Injection locking of a semiconductor laser with antiphase optical self-injection 72806
Iida, Y., Morita, M. Calculation of Q-factor and treatment of curved conducting wall in cavity analysis by FD-TD method 94946
Iida, Y. *see* Yamashita, H. 97663
Iiguni, Y. A massively parallel VLSI architecture for a multilayered neural network 61845
Iiguni, Y. An adaptive lattice filter using a cyclic enzyme system 64558
Iigusa, K., Hori, Y., Schmidt, J.R. Evaluation of a near-field antenna measurement technique as a means of cross-polarization characteristics measurement -cross-polarization patterns for 14.35 GHz offset parabolic antennas 57230
Iigusa, S. *see* Sadatomi, K. 61760
III DG *see* DG III
Iijima, K. *see* Ikeda, R. 91003
Iijima, K. *see* Masuda, K. 98311
Iijima, K. *see* Terauchi, H. 91503
Iijima, S. *see* Ichihashi, T. 61339
Iijima, T. On the relation between neighboring type and equilibrium type in the theory of natural observation 48737
Iijima, T. An efficient method for the limit estimation of slowly convergent sequence of numbers 61131
Iijima, T. Fundamental theory of natural observation transformation 95600
Iijima, T. Origin of the natural observation theory of standard form 95601
Iijima, T. Probability distribution with respect to expansion or contraction of image size 95997
Iijima, T. *see* Kawasaki, J. 64720
Iijima, T. *see* Ushiku, Y. 71438
Iijima, Y. *see* Kiyoshi, T. 82473
Iijima, Y. *see* Nakano, M. 61556
Iijima, Y. *see* Nakano, M. 100342
Iijima, Y. *see* Oshikiri, M. 82502
Iijima Masayuki *see* Masayuki Iijima
Iikawa, R. *see* Fumoto, T. 64747
Iikawa, R. *see* Kanamori, K. 52785
Iikura, Y., Yasuoka, Y. Pyramid linking as a satellite image compression 67776
Iimura, K., Hotta, M., Tanaka, S., Kageyama, S. Ultrabass reproducing loudspeaker system 75788
Iimura, Y. *see* Maeda, K. 72505
Iimura, Y. *see* Nishikawa, M. 63498
Iimura, Y. *see* Nishikawa, M. 72484
Iimura, Y. *see* Nishikawa, M. 87362
Iinuma, H. *see* Kawasima, T. 98040
Iinuma, T. *see* Matsuda, S. 70423
Iinuma, T. *see* Yamamoto, S. 84923
Iio, K. *see* Kawai, T. 71009
Iio, M. *see* Yamaguchi, M. 54139
Iisaka, J., Sakurai-Amano, T. Spatial association analysis for radar image interpretation 77626
Iiyama, K. *see* Xiaoqun Zhou 76013
Iiyama, M. *see* Findikoglu, A.T. 87482
Iiyama, M. *see* Nakamura, T. 93963
Iizuka, H. *see* Endoh, T. 61727
Iizuka, H. *see* Yahara, T. 76040

Iizuka, K., Fujii, S. Neural-network laser radar 58495
Iizuka, K. *see* Uchida, S. 99725
Iizuka, M. Precise quartz resonators perform stably, reliably in mobilecom equipment 71865
Iizuka, M., Konishi, T., Kanai, Y., Okitsu, S.-N., Hatanai, T., Mukasa, K. A study of head field gradient and velocity on transition noise 50264
Iizuka, M. *see* Kanai, Y. 72163
Iizuka, N., Sugiyama, T., Obara, M. Changes in collector and base currents for AlGaAs/GaAs heterojunction bipolar transistors 71604
Iizuka, N. *see* Akagi, J. 97326
Iizuka, S., Sato, N. Electron cyclotron resonance devices with permanent magnets for production of large-diameter uniform plasmas 93900
Iizuka, S. *see* Ishida, T. 81528
Iizuka, T., Okada, Y. Study of scratch-induced mechanical damage on silicon (111) surfaces 55744
Iizuka, T., Okada, Y. Asymmetry in indentation-induced mechanical damage on Si (111) surfaces 55745
Iizuka, T. *see* Abramo, A. 81195
Iizuka, T. *see* Ikeuchi, H. 71692
Iizuka, T. *see* Yamaguchi, T. 81089
Iizuka, Y. *see* Homma, T. 72038
Iizuka, Y. *see* Kojima, K. 79367
Iizumi, M. *see* Nakanishi, Y. 78124
Iji, M. *see* Yokoyama, S. 69542
Ijichi, T. *see* Kasukawa, A. 72843
Ijichi, T. *see* Ohkubo, M. 63815
Ijicki, T. *see* Ohkubo, M. 94523
Ijiri, H. *see* Widodo, S. 59139
Ijspeert, A. *see* Baynham, D. 87676
Ijspeert, A. *see* Russenschuck, S. 76345
Ijsselsteijn, R.P.J. *see* Hilgenkamp, J.W.M. 66310
Ik Chae Soo *see* Soo Ik Chae
Ik Choi Yearn *see* Yearn Ik Choi
Ik Kim Je *see* Je Ik Kim
Ik Sohng Kyu *see* Kyu Ik Sohng
Ik Woo Jae *see* Jae Ik Woo
Ik-Boum Hur *see* Young-Mog Ham 71477
Ik-Sung Lim *see* Bor-Yuan Hwang 93642
Ikada, T. *see* Yanagihashi, K. 89381
Ikaheimo, J. *see* Ahlback, J. 82424
Ikai Lo, Mitchel, W.C., Cheng, J.-P. Electronic properties of $Al_xGa_{1-x}Sb/InAs$ quantum wells 93016
Ikai Lo, Mitchel, W.C., Kaspi, R., Elhamri, S., Newrock, R.S. Observation of a negative persistent photoconductivity effect in $In_{0.25}Ga_{0.75}Sb/InAs$ quantum wells 81267
Ikalainen, P. *see* Liu, W. 61902
Ikalainen, P.K., Shou-Kong Fan, Khatibzadeh, M.I. 20 W linear, high efficiency internally matched HBT at 7.5 GHz 92528
Ikarashi, S. *see* Yamasaki, I. 57633
Ikari, A. *see* Uedono, A. 81186
Ikari, T., Maeda, K., Futagami, K. Photoacoustic signals from the ion-implanted layer of silicon substrate 93125
Ikata, O., Satoh, Y., Uchishiba, H., Taniguchi, H., Hirasawa, N., Hashimoto, K., Ohmori, H. Development of small antenna duplexer using SAW filters for handheld phones 96878
Ikata, O. *see* Satoh, Y. 63125
Ikawa, E. *see* Akimoto, T. 55805
Ikawa, E. *see* Aoki, H. 71375
Ikawa, E. *see* Aoki, H. 93176
Ikawa, E. *see* Hamada, T. 61733
Ikawa, E. *see* Matsubara, Y. 93275
Ikawa, E. *see* Takeuchi, K. 93621
Ikawa, Y. *see* Saito, Y. 81985
Ike, T. *see* Makino, Y. 89746
Ikebe, M. *see* Fujishiro, H. 94038
Ikebe, R. *see* Fujishiro, H. 89291
Ikebe, Y. *see* Cai, D. 64764
Ikeda, A., Shimodaira, Y. Segmentation of character and natural image documents with neural network model for facsimile equipments 96575
Ikeda, A. *see* Nakamura, M. 88507
Ikeda, C., Suzuki, H. Adaptive congestion control schemes for ATM LANs 65285
Ikeda, C. *see* Yoshida, M. 96713
Ikeda, E., Takamoto, T., Kurita, H., Ohmori, M. 17% efficient InGaP/GaAs solar cells by improved minority carrier lifetime 60480
Ikeda, E. *see* Takamoto, T. 100444
Ikeda, E. *see* Yagi, I. 79887
Ikeda, H., Fujita, Y., Ikeda, M., Inaba, S., Okuno, S., Tanaka, M., Tsuboyama, T. Design considerations of CMOS VLSI for KEK B-factory silicon microvertex detector 59204
Ikeda, H., Suzuki, T., Nakahori, T., Yoshida, H., Shinohara, S. Output power transformer load for DC-to-RF MOS-FET power inverter 100344
Ikeda, H. *see* Kaneko, K. 58911
Ikeda, H. *see* Kurosawa, S. 66509
Ikeda, H. *see* Matsushita, T. 98660
Ikeda, H. *see* Matsuyama, Y. 69604
Ikeda, H. *see* Okuno, S. 98559
Ikeda, H. *see* Rabou, N.A. 96824
Ikeda, H. *see* Saitoh, Y. 59075
Ikeda, H. *see* Saitoh, Y. 88124
Ikeda, H. *see* Saitoh, Y. 98580
Ikeda, H. *see* Shinohara, S. 95945
Ikeda, H. *see* Suzuki, T. 100242
Ikeda, H. *see* Tanaka, M. 59201
Ikeda, H. *see* Tanaka, M. 88235
Ikeda, H. *see* Tanaka, M. 98662
Ikeda, H. *see* Toyoshima, M. 87608
Ikeda, H. *see* Toyoshima, M. 98379
Ikeda, H. *see* Tsukada, K. 67377
Ikeda, H. *see* Tsukuda, N. 97436
Ikeda, H. *see* Wu, Y. 97267
Ikeda, H. *see* Yuying Wu 97277
Ikeda, I. *see* Kohno, M. 80689
Ikeda, K., Honjoh, K., Tanaka, M., Matsuura, T. A consideration on an AC line overvoltage of the transformer-cascaded multi-stage PWM converter 100308
Ikeda, K., Tomita, Y. Realization of current-mode biquadratic filter using CC IIs with current followers 80425
Ikeda, K. *see* Li, C.C. 93410
Ikeda, K. *see* Maeda, M. 61346
Ikeda, K. *see* Mano, K. 57421
Ikeda, K. *see* Mitsui, S. 86355
Ikeda, K. *see* Shigihara, K. 83057
Ikeda, K. *see* Suda, H. 57418
Ikeda, K. *see* Tanaka, S. 49489
Ikeda, K. *see* Tanaka, S. 70666
Ikeda, K. *see* Yamamoto, M. 57774
Ikeda, M., Asada, K. A reduced-swing data transmission scheme for resistive bus lines in VLSIs 51931
Ikeda, M., Hashimoto, H. Robust control of linear DC motor with flexibility 90031
Ikeda, M. *see* Akahori, Y. 72656
Ikeda, M. *see* Ikeda, H. 59204
Ikeda, M. *see* Itoh, S. 56759
Ikeda, M. *see* Itoh, S. 72879
Ikeda, M. *see* Mito, T. 89302
Ikeda, M. *see* Mizuno, Y. 82285
Ikeda, M. *see* Nakayama, N. 50851
Ikeda, M. *see* Negami, T. 100457
Ikeda, M. *see* Nishitani, M. 100455
Ikeda, M. *see* Nishitani, M. 100463
Ikeda, M. *see* Ohkubo, M. 71616
Ikeda, M. *see* Okuno, S. 98559
Ikeda, M. *see* Ozawa, M. 72841
Ikeda, M. *see* Saitoh, Y. 88124
Ikeda, M. *see* Saitoh, Y. 98580
Ikeda, M. *see* Takahata, K. 72819
Ikeda, M. *see* Tanaka, M. 59201
Ikeda, M. *see* Tanaka, M. 98662
Ikeda, M. *see* Terauchi, M. 91565
Ikeda, M. *see* Toeda, H. 98212
Ikeda, N. *see* Hlasnik, I. 82310
Ikeda, N. *see* Nishihara, T. 61692
Ikeda, N. *see* Nishihara, T. 61734
Ikeda, N. *see* Nishihara, T. 70513
Ikeda, N. *see* Nomura, T. 87945
Ikeda, N. *see* Ohigashi, N. 53113
Ikeda, N. *see* Saitoh, S. 87389
Ikeda, N. *see* Sueoka, K. 79768
Ikeda, N. *see* Takagi, M.T. 92072
Ikeda, N. *see* Yasuda, H. 62338
Ikeda, O., Inaba, H., Ohno, Y., Kato, Y., Ohba, T. Development of a letter facing machine with image-processing technology 64867
Ikeda, R., Kikkawa, T., Higake, M., Fukuda, K., Iijima, K. Packaging technology for ATM exchange 91003
Ikeda, R. *see* Wang, S. 58472
Ikeda, S., Asayama, K., Hashimoto, N., Fujita, E., Yoshida, Y., Koike, A., Yamanaka, T., Ishibashi, K., Meguro, S. A stacked split word-line (SSW) cell for low-voltage operation, large capacity, high speed SRAMs 92194
Ikeda, S. *see* Akioka, T. 70538
Ikeda, S. *see* Ishibashi, K. 49420
Ikeda, S. *see* Ishibashi, K. 70564
Ikeda, S. *see* Ohkawa, K. 96428
Ikeda, S. *see* Okuyama, K. 93415
Ikeda, S. *see* Sugiyama, A. 64457
Ikeda, T. Rotation mechanism of "VIEWCAM" 66067
Ikeda, T., Abe, T., Tanaka, J., Danno, M., Shimazutsu, H. Microwave excited CO_2 laser 50743
Ikeda, T., Itoh, T., Mine, H. Trends in the standardization of fieldbus and related activities at Fuji Electric 58101
Ikeda, T., Sato, K., Hayashi, Y., Wakayama, Y., Adachi, K., Nishimura, H. Surface microstructures of ZnO coated SnO_2:F films 92947
Ikeda, T. *see* Danno, M. 63658
Ikeda, T. *see* Hiramoto, T. 61716
Ikeda, T. *see* Huan-Bang Li 83650
Ikeda, T. *see* Ishibashi, Y. 58543
Ikeda, T. *see* Kobayashi, K. 78969
Ikeda, T. *see* Matsuo, H. 68269
Ikeda, T. *see* Nambu, H. 70537
Ikeda, T. *see* Sato, H. 91974
Ikeda, T. *see* Tamba, N. 92241
Ikeda, T. *see* Tanaka, Y. 88627
Ikeda, T. *see* Yoshida, M. 93680
Ikeda, Y., Kishimoto, K., Hirose, K., Numasawa, Y. "TOP-PECVD": a new conformal plasma enhanced CVD technology using TEOS, ozone and pulse-modulated RF plasma 61397
Ikeda, Y. *see* Miyachi, T. 87177
Ikeda, Y. *see* Ohgaki, H. 78652
Ikeda, Y. *see* Seshita, T. 96942
Ikeda, Y. *see* Takagi, T. 86040
Ikedo, J. *see* Moriya, T. 57420
Ikedo, J. *see* Suda, H. 57418
Ikegami, M., Tanaka, M. Image coding and decoding by discrete time cellular neural networks and its error evaluation 84928
Ikegami, M. *see* Shimizu, N. 95805
Ikegami, M. *see* Shirai, T. 76407
Ikegami, N., Arai, S., Nakano, H., Nabae, A. Design of high frequency driven converter with sinusoidal input current 61564
Ikegami, N. *see* Miyakawa, Y. 55804
Ikegami, S. *see* Uda, H. 100464
Ikegami, T., Arakaki, Y., Taira, S. Experimental investigation of CDMA land mobile satellite communications 52444
Ikegami, T. *see* Jia, Q.X. 62657
Ikegami, T. *see* Takahashi, T. 86265
Ikegami, T. *see* Yamamoto, S. 88711
Ikegami, Y. *see* Fukushima, T. 94484
Ikegami, Y. *see* Jitsuhara, S. 100027
Ikegami, Y. *see* Kasukawa, A. 72843
Ikegawa, T. Queuing network modeling for performance analysis of HDLC based protocols 65046
Ikegawa, T. Closed queueing network modeling for end-to-end performance analysis of ISO LLC and transport protocols over bridged networks 65360
Ikegaya, M. *see* Yamauchi, J. 50462
Ikegaya, M. *see* Yamauchi, J. 56381
Ikeguchi, H. *see* Ueki, H. 92296
Ikehara, M. Theory of cosine-modulated 2-dimensional perfect reconstruction filter banks 95780
Ikehara, M., Sawada, K., Isobe, H., Yamashita, A., Kuroda, H. Design of 2-D perfect reconstruction filter banks for arbitrary sampling lattices—design of 2-D N-th-band digital filters 84197
Ikehara, M., Tanaka, H., Kuroda, H. Design of IIR digital filters using all-pass networks 49552
Ikehara, M. *see* Toguri, Y. 49563
Ikehara, S., Shirai, S., Ogura, K., Yokoo, A., Nakaiwa, H., Kawaoka, T. ALT-J/E, a Japanese to English machine translation system for communication with translation 85430
Ikemachi, T. *see* Niki, K. 66250
Ikemoto, K. *see* Onuki, T. 51006
Ikemoto, Y. *see* Ishihara, T. 50793
Ikeno, H., Yamaguchi, F., Ohtsubo, K., Fujino, Y., Watanabe, T., Ishikawa, T. IHI in-line type flue gas desulfurization system 78385
Ikeno, M. *see* Arai, Y. 88251
Ikeno, M. *see* Arai, Y. 98677
Ikeno, Y. *see* Kasahara, H. 89784
Iketani, A. *see* Matsumi, C. 86781
Iketani, A. *see* Ohkubo, M. 63815
Iketani, A. *see* Ohkubo, M. 71616
Ikeuchi, H., Hamada, K., Nishio, N., Iizuka, T., Ohta, T. Drain current variation caused by grain boundaries in polysilicon TFTs 71692
Ikeuchi, H. *see* Hayashi, F. 93411
Ikeuchi, K. *see* Gremban, K.D. 51721
Ikeuchi, K. *see* Gremban, K.D. 57692
Ikeuchi, K. *see* Heung-Yeung Shum 84817
Ikeuchi, K. *see* Sato, Y. 96036
Ikeuchi, N. *see* Iwashitai, M. 65854
Ikeuchi, R. *see* Takada, K. 67566
Ikeuchi, Y. *see* Nishida, K. 66069
Ikeya, M., Yamamoto, M. Electron spin resonance image of annealing under thermal gradient: chemical vapor deposition poly-silicon film 71088
Ikezaki Yoji *see* Yoji Ikezaki
Ikezawa, T. *see* Okabe, K. 62848
Ikezoe, J., Kido, S., Takeuchi, N., Kondoh, H., Arisawa, J., Kozuka, T. Image quality of digital chest radiography: evaluation of subtle interstitial lung abnormalities (preliminary study) 67481
Ikhlef, A., Skowronek, M. Some emission characteristics of scintillating fibers for low energy X and γ-rays 53320
Ikimi, T. *see* Kawakami, N. 60524
Iknonomopoulos, A. *see* Uhrig, R.E. 68389
Ikoma, H. *see* Egawa, M. 49877
Ikoma, H. *see* Sakata, M. 81468
Ikoma, H. *see* Yamamoto, M. 93088
Ikoma, N. *see* Ohkouchi, S. 54863
Ikoma, N. *see* Ohkouchi, S. 71102
Ikoma, N. *see* Ohkouchi, S. 71328
Ikoma, N. *see* Ohkouchi, S. 79780
Ikoma, N. *see* Tamura, M. 48928
Ikoma, T. *see* Agawa, K. 71117
Ikoma, T. *see* Agawa, K. 93149
Ikoma, T. *see* Kimura, T. 71312
Ikoma, T. *see* Sakakibara, H. 93519
Ikonen, E. *see* Vitushkin, L.F. 66098
Ikossi-Anastasiou, K. *see* Bowman, S.R. 72452
Ikossi-Anastasiou, K. *see* Kyono, C.S. 50579
Ikossi-Anastasiou, K. *see* Kyono, C.S. 81813
Ikramov, A.V., Roshchupkin, I.M., Safronov, A.G. Using piezoelectric bimorphic structures in large-scale adaptive mirrors 82790
Ikramov, A.V., Roshchupkin, I.M., Safronov, A.G. Cooled bimorph adaptive mirrors for laser optics 83218
Ikramov, Kh. D., Kushnereva, D.A., Matushkina, E.V. On a subprogram package for solving systems of linear equations with nonstandard types of symmetry 54767

Ikumi, N., Tanaka, S., Sawada, K., Nagamatsu, M., Kondo, Y., Takayanagi, T., Minagawa, K., Akiba, H., Miyamoto, K., Hiruta, Y., Hsu, P., Rodman, P., Bratt, J., Man Kit Tang, Nofal, M., Joshi, C., Scanlon, J. A 300 MIPS, 300 MFLOPS four-issue CMOS superscalar microprocessor 92283
Ikunishi, S., Itoh, H., Kinoshita, T., Andoh, M., Gozen, T. A study of fabricating silica glass waveguide by LP-CVD 63453
Ikuno, H., Gondo, M., Nishimoto, M. Numerical method for calculating surface current density on three-dimensional smooth scatterers 94788
Ikuno, Y., Kawabata, H., Shirao, Y., Hirata, M., Nagahara, T., Inagaki, Y. Application of an improved genetic algorithm to the learning of neural networks 61121
Ikura, M., Adachi, F. Postdetection phase combining diversity 65655
Ikura, M. *see* Adachi, F. 95474
Ikura, Y. *see* Sherkat, V.R. 53712
Ikura, Y. *see* Sherkat, V.R. 78035
Ikuta, J. *see* Tamura, T. 61761
Ikuta, K., Hirowatari, K. Real three dimensional micro fabrication using stereo lithography and metal molding 55500
Ikuta, K. *see* Nakata, S. 81274
Ikuta, N. *see* Takeda, A. 62038
Ikuta, S., Takahashi, M., Tatsukawa, M., Kawaguchi, S., Tamagawa, T., Tanaka, H., Hasegawa, M., Shimazaki, Y. Automatic tuning control of injection-locked TEA CO_2 laser 63657
Ikuta, S. *see* Kusaka, K. 96981
Ikuta, T. *see* Taniguchi, Y. 57861
Ikutani, T. *see* Kuwahara, K. 58119
Il Boo Su *see* Su Il Boo
Il Chang Do *see* Do Il Chang
Il Cheol Jeon *see* Seong-Ju Park 69983
Il Cheon Chae *see* Chae Il Cheon
Il Chien Sung *see* Sung Il Chien
Il Choi Byung *see* Byung Il Choi
Il Hyeong Lee *see* Sang Myung Kim 71737
Il Kang Young *see* Young Il Kang
Il Kim Kwang *see* Kwang Il Kim
Il Kim Se *see* Se Il Kim
Il Kim Seong *see* Seong Il Kim
Il Lee Kuhn *see* Kuhn Il Lee
Il Lee Young *see* Young Il Lee
Il Park Se *see* Se Il Park
Il Ryu Choong *see* Choong Il Ryu
Il Seo Dong *see* Dong Il Seo
Il Whan Cha *see* Hee Chang Kim 84193
Il Whan Cha *see* Yong Hoon Lim 73794
Il Yong Sung *see* Sung Il Yong
Il-Chun Lee *see* Gwan-Sik Kong 100096
Il-han Park, Hyang-beom Lee, In-gu Kwak, Songyop Hahn Design sensitivity analysis for steady state eddy current problems by continuum approach 83508
Il-Jung Kim, Seong-Dong Kim, Yearn-Ik Choi, Min-Koo Han Analytical expressions for the three-dimensional effect on the breakdown voltages of planar junctions in nonpunchthrough and punchthrough cases 81781
Il-Taek Lim, Byeong Gi Lee A missing LBR criterion for Type 3 LBR two-pairs 80442
Ilangovan, S.A. Determination of impedance parameters of individual electrodes and internal resistance of batteries by a new nondestructive technique. II. Theoretical approach 68937
Ilar, D. *see* Raynor, J.M. 75898
Ilashchuk, M.I., Parfenyuk, O.A., Savitskii, A.V., Ul'yanitskii, K.S. Electrical properties of CdTe:Ge crystals at a low doping level 92942
Ilavarasan, P. *see* Rothwell, E.J. 97371
Ilberg, D. *see* Barak, J. 70379
Ilberg, D. *see* Levinson, J. 70462
Il'chenko, M.E., Zakharov, A.V., Syzranov, V.A. Small microstrip filters with a narrow passband 61874
Il'chenko, M.Ye., Trubin, A.A. Total rejection conditions during scattering of electromagnetic waves on dielectric resonators with degenerate oscillations in a rectangular waveguide 51171
Ildstad, E., Hagen, S.T., Faremo, H. Restoration of water tree aged XLPE insulation using impregnation liquids 80946
Ilegems, M. *see* Debba, N. 75985
Ilegems, M. *see* Jeanneret, B. 86853
Ilegems, M. *see* Sallese, J.M. 71168
Il'enko, V.V. *see* Vasil'ev, V.A. 78477
Il'enko, V.V. *see* Vasil'ev, V.A. 99965
Iles, P. *see* Venkatasubramanian, R. 100688
Iles, W.J. *see* Kramer, H.M. 88596
Ilg, M., Ploog, K.H., Trampert, A. Piezoactive (110)- and (h11)-InAs/GaAs heterostructures for nonlinear optical applications 94657
Ilg, T. *see* Liska, B. 76303
Ilgenfritz, P. *see* Rashid, E. 92286
Ilgenstein, M. *see* Leonhard, V. 66221
Iliadis, A.A. *see* Zahurak, J. 62891
Iliadis, I. *see* Calvignac, J. 85704
Iliadis, I. *see* Castro, R. 85755
Iliadis, I. *see* Fuhrmann, S.W. 91208
Ilic, I., Scarmozzino, R., Osgood, R.M., Jr., Yardley, J.T., Beeson, K.W., McFarland, M.J. Modeling multimode-input star couplers in polymers 72415
Ilic, M. *see* Chedid, R. 100032
Ilic, M. *see* Garibotto, G. 57777
Ilic, M. *see* Liu, X. 77906
Ilic, M.D., Xiaojun Liu, Chapman, J.W. Control of the inter-area dynamics using FACTS technologies in large electric power systems 89040
Ilic, M.D. *see* Chapman, J.W. 68023
Ilic, M.D. *see* King, C.A. 77964
Ilic, R., Sutej, T., Skvarc, J., Krcmar, M., Ljubicic, A., Kaucic, S., Fujii, M. Etched track detectors in solar neutrino experiments 88161
Il'ichev, N.N., Kir'yanov, A.V., Malyutin, A.A., Pashinin, P.P. Phenomenological model of the 'polarisation collapse' of the radiation emitted by a neodymium glass laser with a passive LiF:F_2^- switch 82965
Il'ichev, N.N., Kir'yanov, A.V., Malyutin, A.A., Pashinin, P.P. Investigation of nonlinear absorption induced by radiation with $\lambda \sim 1$ μm in the freon F-113 SBS-active medium 94585
Ilichev, N.N., Kir'yanov, A.V., Malyutin, A.A., Pashinin, P.P., Shpuga, S.M. 'Polarisation collapse' of the radiation emitted by a neodymium glass laser with a passive LiF:F_2^- crystal switch 82964
Ilichev, N.N. *see* Lukishova, S.G. 72979
Ilie, A. *see* Pochet, T. 88062
Ilie, A. *see* Pochet, T. 98623
Iliescu, C., Pantelimon, B. Modernizing the teaching of measurement and instrumentation science under the TEMPUS programme 69407
Iliescu, C. *see* Grigorescu, S.-D. 87118
Iliev, A. *see* Koscielniak, S. 98397
Iliev, A.I., Budzko, A.V., Servranckx, R.V. Lattice studies for KAON Factory Accumulator and Booster rings 87842
Ilin, A. *see* Bagheri, B. 49994
Il'in, V.A. *see* Lyamets, Yu.Ye. 78221
Ilin, V.I., Meshcheryakov, V.V., Bam, M.A., Gurtovtsev, A.L., Zabello, E.P. Automated power monitoring and control system for industrial plants 99596
Il'in, V.Yu. *see* Akimov, B.A. 49787
Il'in, Yu.M. *see* Puzyrev, E.M. 89659
Il'in, Yu.V. *see* Berishev, I.E. 72793
Il'ina, N.V., Rozanov, N.E. Maximum currents in a collective ion accelerator based on a modulated tubular electron beam in a rippled structure 59035
Il'inskaya, N.D. *see* Berishev, I.E. 72793
Il'inskaya, N.D. *see* Boroditskii, M.L. 50814
Il'inskaya, N.D. *see* Garbuzov, D.Z. 50813
Il'inskii, A.S., Trubnikov, S.V., Fedoseeva, N.A. Resonance effects in a phased antenna array constructed from rectangular waveguides 83875
Ilinskii, A.V., Chavez, F., Prutskij, T.A., Silva-Andrade, F. Electric field distribution in a GaAs based p-i-n structure 81775
Il'inskii, A.V., Kutsenko, A.B., Mel'nikov, M.B. Photoinduced displacement of the space-charge region in GaAs p-i-n structures 92986
Il'inskii, N.F. Development of industrial AC electric drives 78860
Ill Kim Hyoung *see* Hyoung Ill Kim
Ill-Woo Lee, Dong-Ho Cho A study on the performance improvements of error control schemes in digital cellular DS/CDMA systems 86154
Illan, J. *see* Lis, R.J. 55940
Illan, J. *see* Tiebin Zhao 89262
Ille, B. *see* Chemarin, M. 98516
Illek, S., Wolf, T., Schier, M., Raetzel, C. Tunable twin-guide laser with integrated waveguide 94525
Illing, G. *see* Buschhorn, G. 76859
Illing, M., Bacher, G., Forchel, A., Waag, A., Litz, T., Landwehr, G. Fabrication and optical characterization of wet chemically etched CdTe/CdMgTe wires 63558
Illingworth, A.J. *see* Hua Li 52631
Illingworth, J., Jones, G., Kittler, J., Petrou, M., Princen, J. Robust statistical methods of 2D and 3D image description 57703
Illingworth, J. *see* Hilton, A. 69609
Illingworth, J. *see* Jones, G.A. 84880
Illingworth, J. *see* Princen, J. 51594
Illingworth, J. *see* Yang, D. 84665
Illman, J., Milburn, H., Macdonald, R. An integrated system for navigation and positioning of an ROV for scientific exploration 97490
Illman, R.J., Traynor, D.J. A fragmented register architecture and test advisor for BIST 49303
Illy, S., Kuntz, M., Westermann, T. Investigations an the vacuum current in the magnetic insulated Karlsruhe light ion facility high-energy linear induction accelerator (KALIF-HELIA) 87667
Ilmoniemi, R. *see* Sten, J.C.-E. 73217
Ilow, J., Hatzinakos, D., Venetsanopoulos, A.N. Blind equalizers with simulated annealing optimization for digital communication systems 96407
Ilow, J. *see* Ambike, S. 57525
Ilstad, E. World record HVDC submarine cables 89263
Iltchev, R. *see* Farilla, A. 52772
Iltis, R.A. An EKF-based joint estimator for interference, multipath, and code delay in a DS spread-spectrum receiver 52338
Iltis, R.A. Importance sampling simulation methods for recursive and non-recursive symbol-by-symbol detectors 74139
Iltis, R.A., Mailaender, L. An adaptive multiuser detector with joint amplitude and delay estimation 74150
Iltis, R.A., Shynk, J.J., Giridhar, K. Bayesian algorithms for blind equalization using parallel adaptive filtering 51294
Iltis, R.A. *see* Fuxjaeger, A.W. 65586
Iltis, R.A. *see* Fuxjaeger, A.W. 97038
Iltis, R.A. *see* Mailaender, L. 95624
Iltis, R.A. *see* Pei-Yih Ting 70807
Ilu Xiaoping *see* Xiaoping Ilu
Ilves, H. *see* Franson, J.D. 58389
Ilyas, M. *see* Ehley, L. 58048
Ilyas, M. *see* Khera, H. 85835
Il'yashenko, E.I., Klin, V.P., Nickolsky, A.D., Solovjov, A.G. Epitaxial Bi-content ferrite-garnet film memory 72124
Il'yashenko, I.N. *see* Eremin, V.K. 59144
Il'yashenko, I.N. *see* Eremin, V.K. 88146
Il'yasov, I.K. *see* Al'tshuler, G.B. 59404
Il'yasov, I.K. *see* Al'tshuler, G.B. 77050
Ilyin, Yu.A. *see* Vysotsky, V.S. 93909
Ilyina, N.A., Zhemerov, G.G., Shklovsky, I.G. On some aspects concerning the relations of value and shape of fuse arc voltage and circuit voltage 90262
Ilyina, N.A. *see* Shemerov, G.G. 80963
Ilyinskii, A.S., Galishnikova, T.N. Mathematical models for nonhomogeneous media sounding 57104
Ilyunin, V.G. *see* Murogov, V.M. 89539
Ilyushin, K.V. *see* Kovaev, L.K. 89915
Im, E., Johnson, W.T.K., Hensley, S. Cassini Radar for remote sensing of Titan—design considerations 75691
Im, E. *see* Haddad, Z.S. 77361
Im, E. *see* Hensley, S. 75692
Im, E. *see* Li, F. 77360
Im, E. *see* Tanner, A. 59555
Im, G.-H. *see* Harman, D.D. 86758
Im, S., Kim, S.B., Powers, E.J. Orthogonal development of a discrete frequency-domain third-order Volterra model 84519
Im Dal-Ho *see* Dal-Ho Im
Im Ho Bin *see* Ho Bin Im
Im Seongil *see* Seongil Im
Im Sung Woon *see* Sung Woon Im
Imada, G., Igawa, H., Masugata, K., Masuda, W., Yatsui, K. Propagation of shock waves in a discharge-pumped XeCl excimer laser 82907
Imada, G., Masugata, K., Masuda, W., Yatsui, K. Fluid dynamics of discharge-pumped XeCl excimer laser with high-speed gas flow 50726
Imada, G., Satoh, I., Yasuoka, K., Tamagawa, T., Masugata, K., Yatsui, K. Development of TEA-CO_2 laser by pre-charging circuit 63650
Imada, T. *see* Kodama, Y. 88443
Imado, K. *see* Matsuo, H. 100312
Imae, M. *see* Hanado, Y. 86643
Imae, M. *see* Kiuchi, H. 87034
Imae, M. *see* Yoshino, T. 97766
Imafuji, O. *see* Takayama, T. 72911
Imafuji, O. *see* Takayama, T. 83041
Imagawa, H. An external surveillance architecture for a distributed switching system 96922
Imagawa, S., Yanagi, N., Satow, T., Yamamoto, J., Motojima, O. Optimization of wetted surface fraction of helical coil for LHD 94022
Imahashi, K. *see* Nakajima, H. 72261
Imai, A. *see* Hirota, T. 83539
Imai, H. *see* Cerecedo, M. 65038
Imai, H. *see* Fukumasa, H. 75201
Imai, H. *see* Hashimoto, N. 58250
Imai, H. *see* Iwamura, K. 84002
Imai, H. *see* Mabuchi, T. 65552
Imai, H. *see* Nagatsuka, M. 64248
Imai, H. *see* Qi Zhang 95781
Imai, H. *see* Sasaki, T. 95136
Imai, H. *see* Suzuki, N. 95748
Imai, H. *see* Takeshita, O.Y. 95130
Imai, K., Ito, T., Kasahara, H., Morita, N. ATMR: asynchronous transfer mode ring protocol 51851
Imai, K., Kinoshita, Y., Yamazaki, T., Tatsumi, T., Tashiro, T. A low donor concentration retrograde profile Si bipolar transistor for low-temperature BiCMOS LSI's 71828
Imai, K. *see* Miura, K. 50110
Imai, K. *see* Sakuma, K. 55752
Imai, K. *see* Shirota, Y. 82828
Imai, K. *see* Suzuki, M. 90025
Imai, K. *see* Takahashi, M. 48810
Imai, K. *see* Tsuchida, N. 60238
Imai, K. *see* Ushijima, S. 65506
Imai, M., Hiraki, K., Anzai, Y. Human robot interface with attention 95268
Imai, M., Satoh, S., Sakaguchi, T., Motoi, K., Odajima, A. 100 MHz-bandwidth response of a fiber phase modulator with thin piezoelectric jacket 82558
Imai, M. *see* Furukawa, R. 96074
Imai, M. *see* Sato, J. 49492
Imai, N. *see* Suematsu, E. 86467
Imai, R. Dielectric filter technology strives to shrink components, retain characteristics 92484
Imai, S., Tamaki, T., Okada, S., Kubota, M., Nomura, N. ClF_3 gas compound for particle free contact hole etching 71381
Imai, S. *see* Kanno, T. 84156
Imai, S. *see* Mori, K. 50273

Imai, T., Ando, A., Miyasaka, E. An automatic caption-superimposing system with a new continuous speech recognizer 86660
Imai, T. *see* Ohkoda, T. 86803
Imai, T. *see* Shiota, K. 79988
Imai, T. *see* Sumida, M. 97240
Imai, T. *see* Yamamoto, T. 54946
Imai, Y. *see* Ichino, H. 52560
Imai, Y. *see* Kobayashi, Y. 86453
Imai, Y. *see* Morita, N. 53568
Imai, Y. *see* Morita, O. 63238
Imai, Y. *see* Negi, Y.S. 58918
Imai, Y. *see* Nishikata, Y. 56545
Imai, Y. *see* Okada, T. 66290
Imai, Y. *see* Shibata, T. 92630
Imai, Y. *see* Tokumitsu, M. 80855
Imaide, T. *see* Kinugasa, T. 86787
Imaino, W. *see* Fan, L.-S. 60270
Imaizumi, E. *see* Matsuura, T. 92423
Imaizumi, H. *see* Takahashi, Y. 86792
Imaizumi, M., Endoh, Y., Ohtsuka, K., Isu, T. Gas source molecular beam epitaxial growth of ZnSe using metal Zn and H_2Se 69985
Imaizumi, M. *see* Ohtsuka, K. 71108
Imaizumi, S., Abdoerrachman, H., Niimi, S., Hirose, H., Saida, H., Shimura, Y. Evaluation of vocal controllability by an object oriented acoustic analysis system 51381
Imajo, H. *see* Hayasaka, K. 56873
Imajo, H. *see* Urabe, S. 86940
Imajo, H. *see* Watanabe, M. 56864
Imajo, H. *see* Watanabe, M. 56874
Imam, I. *see* Bankert, R.J. 68455
Imamizu, J. *see* Ohuchi, M. 61758
Imamoto, M., Ogino, K., Suzuki, S., Nakamura, H. Real time signal analyzer SA2400 66596
Imamura, A. *see* Kitai, M. 51383
Imamura, H. *see* Ohuchi, M. 61758
Imamura, K. *see* Engelkemier, B. 86921
Imamura, K. *see* Matsufuji, S. 75175
Imamura, K. *see* Takatsu, M. 92124
Imamura, K. *see* Yokoyama, N. 70457
Imamura, K. *see* Yoshino, T. 97752
Imamura, M. Recent trends and advances in photovoltaic system technology in Europe 53972
Imamura, M., Sasaki, T., Yamaguchi, T. Propagation characteristics of magnetoelastic waves in amorphous ribbons carrying field-induced anisotropy 72051
Imamura, M.S. Grid-connected PV plants: field experiences in Germany and a pursuit of higher solar energy collection efficiency 100013
Imamura, S. *see* Hida, Y. 65781
Imamura, S. *see* Hida, Y. 82675
Imamura, S. *see* Usui, M. 63439
Imamura, T. *see* Saburi, Y. 52747
Imamura, T. *see* Suzuki, H. 49434
Imamura, Y. *see* Miyazaki, M. 50098
Iman, A.M. *see* Elobeid, A.R. 51411
Iman, S., Pedram, M., Chaudhary, K. Technology mapping using fuzzy logic 91703
Imanaka, Y. *see* Ogawa, F. 55291
Imanieh, M. *see* Mullan, C.A. 81449
Imanishi, A. *see* Arai, S. 76316
Imanishi, H. *see* Oikawa, M. 72404
Imanishi, H. *see* Toyokura, M. 92281
Imanishi, K., Kasai, K. Improvement of InAlAs/InP heterointerface grown by MOVPE by using thin AlP layer 55644
Imanishi, K. *see* Watanabe, Y. 61724
Imanishi, M., Nagashima, A., Moriyama, A., Ishii, Y. Measurement of combustion-chamber volume using an acoustic resonance technique 98363
Imano, K., Inoue, H. Technique for generating monopole ultrasonic pulses 88883
Imano, K., Okuyama, D. An acoustic imaging system using impulse ultrasound 53566
Imao, S. *see* Jun-ichi Nakata 92969
Imao Chen *see* Matcha, S. 95674
Imarbic, M.E. *see* Kagi, H. 97317
Imasaka, T. *see* Yoshikawa, S. 94582
Imasaki, K. *see* Asakawa, M. 49737
Imasaki, K. *see* Ohigashi, N. 53113
Imatake, S. *see* Kuribayashi, S. 82952
Imatani, T. *see* Kashiwa, T. 80774
Imatani, T. *see* Teramoto, K. 67771
Imazu, T. *see* Honma, S. 50374
Imbault, D. *see* Cesarsky, C.J. 52955
Imbault, D. *see* Gingrich, D. 53291
Imbaut, D. *see* Barrelet, E. 67352
Imbernon, E. *see* Bonenfant, S. 77092
Imbriale, W.A., Thorburn, M. Scanning the special issue on radio telescopes 58523
Imbriale, W.A. *see* Cramer, P.W. 83841
Imece, A.F. *see* Godart, T.F. 89240
Imecs, M., Kelemen, A., Marschalko, R., Rusu, C. Vector control of PM hybrid stepping motor with tracking torque 90329
Imel, D. *see* Jorgens, V. 59161
Imel, T. *see* Becker, C. 53608
Imel, T. *see* Becker, C. 68022
Imel, T. *see* Becker, C. 88965
Imenkov, A.N., Kondrat'ev, B.S., Popov, A.A., Yakovlev, Yu.P. GaInAsSb solid-solution laser diodes operating in a single mode at the wavelength $\lambda \simeq 1.81$ μm at room temperature 56794
Imenkov, A.N. *see* Andaspaeva, A.A. 56572
Imenkov, A.N. *see* Baranov, A.N. 56748
Imenkov, A.N. *see* Danilova, T.N. 56795
Imenkov, A.N. *see* Danilova, T.N. 72627
Imeson, D.M. How to comply—the options and their merits [EMC] 57144
Imeson, D.M. *see* Scott, S.P. 51132
Imfeld, E. Traffic data acquisition and processing in the international telephone network 65178
Imfeld, E. Traffic data acquisition and processing in the international telephone network 66143
Imhoff, M.L. Radar backscatter/biomass saturation: observations and implications for global biomass assessment 77657
Imielinski, T., Viswanathan, S., Badrinath, B.R. Energy efficient indexing on air 65344
Imielinski, T. *see* Badrinath, B.R. 65070
Imielinski, T. *see* Badrinath, B.R. 96722
Imielinski, T. *see* Barbara, D. 65342
Imiya, A. Dynamical systems, quantum mechanics, and computers—physical bases of computation 61177
Imiya, A., Yamamoto, Y. Reconstruction of diffusing distribution from projections 98799
Immanuel, V. *see* Padiyar, K.R. 99567
Immenroth, H., Lambert, U., Tomzig, E. Advanced arsenic purification and GaAs synthesis for improved reproducible growth of undoped semi-insulating GaAs 91411
Imo, F., Bernauer, J., Schwab, A.J. The field distribution in busbars of rectangular cross-section with current injection through thin line conductors 77803
Imokawa, S. *see* Aizawa, R. 92269
Imondi, G. *see* d'Ambrosio, E. 86736
Imori, M. *see* Anraku, K. 58649
Imori, M. *see* Inaba, S. 98669
Impedovo, S. *(editor)* Proceedings of the 7th International Conference on Image Analysis and Processing. Progress in Image Analysis and Processing III 79118
Imperl, B., Kacic, Z., Horvat, B. Speaker recognition based on the spectral analysis of the phonemes 64535
Impey, S.J., Bangham, J.A. Variations in the morphological 'top-hat' transform, to improve the statistical robustness, for analysing pigmented patches on flower petals 64639
Imschweiler, J. *see* Seibt, M. 81447
Imthurn, G. *see* Chang, C.E. 92540
Imthurn, G.P., Chang, C.T., Albares, D.J., Garcia, G.A., Taylor, M.J. Optoelectronic 6.6 Gb/s, 1:8 time demultiplexer 72651
Imura, M., Tanaka, T., Homma, M., Okada, M. Nonlinear current-voltage characteristics of double-layered ZnO/R_xO_y (R=La, Ce, Pr, Nd) sputtered films 92638
Imura, N. *see* Hyono, M. 99213
Imura, R. *see* Hosaka, S. 61401
Imura, R. *see* Kikukawa, A. 76161
Imura, T. *see* Hirose, F. 61412
Imura, T. *see* Nakamura, K. 81510
Imura, T. *see* Suzuki, M. 56263
In Chil Lim *see* Young Oo Kim 92070
In Gook Chun, Kyu Ho Park Range image segmentation using multiple Markov random fields 51629
In Gyeom Kim *see* Kwang Kee Lee 64869
In Jun Choi *see* Mannino, M.V. 52123
In Keun Yu *see* Kanasaki, J. 55818
In Kim *see* Sang Hoon Choi 75731
In Kwan Hwang *see* Sung Chan Ko 75371
In Kwan Whang *see* Sung Chan Ko 92897
In Kwon Kim *see* Young Kug Ham 74251
In Lee Joo *see* Joo In Lee
In Lee Sang *see* Sang In Lee
In Seob Song, Wee Kyung Yu, Eon Suk Yoon, Young Chul Lee, Seok Min Hong Electronic processor design for thermal imager with serial/parallel scan type 76076
In Shig Park, Sang Myung Kim, Suk Hyun Shin, Jin Koo Rhee, Jae Ho Shin, Do Hyun Kim Design of an AlGaAs/GaAs double-heterojunction power FET 81941
In Sook Lee *see* Hyung Kyu Yang 83939
In Yang Seoung *see* Seoung In Yang
In-Chyuan Ho, Huey-Lin Hsieh Low temperature fired positive temperature coefficient resistors 55437
In-Gon Lim *see* Hyo-Dong Pan 48966
In-Gon Lim *see* Si-Woo Lee 48967
In-gu Kwak *see* Il-han Park 83508
In-Hoon Choi *see* Noh-Jung Kwak 70022
In-Joong Ha *see* Seok-Hee Han 97936
In-Kyung Kim, Youngky Kim, Seok Ho Kim Codes with optimum training capability in terrestrial multipath fading channels 97168
In-Su Cha, Hae-Am Park, Hyung-Lae Baek Position following control of a DC servo motor by fuzzy logic controller 100809
In-Tae Kim, Choon-Ho Lee, Soon Ja Park Preparation of $BaTiO_3$ thin films by metalorganic chemical vapor deposition using ultrasonic spraying 93704
Ina, K., Mano, T., Omura, S., Nagata, K. Hydrophone sensitivity of porous $Pb(Zr,Ti)O_3$ ceramics 99331
Inaba, H., Ejiri, K., Abe, N., Masaki, K., Araki, H. The advantages of the thin magnetic layer of a metal particulate tape 56213
Inaba, H., Ohmi, T., Yoshida, T., Okada, T. Neutralization of static electricity by soft X-rays and vacuum UV radiation 64068
Inaba, H. *see* Chan, K.P. 98811
Inaba, H. *see* Ikeda, O. 64867
Inaba, H. *see* Ishibashi, T. 56611
Inaba, H. *see* Kobayashi, M. 76905
Inaba, H. *see* Kokaku, Y. 50311
Inaba, H. *see* Otsuka, N. 61491
Inaba, H. *see* Sato, S. 63923
Inaba, M. *see* Tamura, T. 61761
Inaba, M. *see* Toyoda, M. 90296
Inaba, N., Kokura, S. Bifurcations and chaos in a forced Rayleigh oscillator with diode 80163
Inaba, N., Matsuda, Y., Suzuki, M., Nakamura, A., Futamoto, M. Magnetic and microstructural properties of CoCrPt/CoCrPtSi dual-layered magnetic recording media 63177
Inaba, N. *see* Futamoto, M. 71971
Inaba, N. *see* Honda, Y. 50303
Inaba, N. *see* Honda, Y. 72150
Inaba, N. *see* Nakayama, A. 91595
Inaba, N. *see* Nunokawa, R. 86421
Inaba, N. *see* Ohnishi, M. 70265
Inaba, S., Murakami, S. Partial smooth shading for triangular patch model 64601
Inaba, S., Saeki, T., Ueda, I., Anraku, K., Saito, M., Ogawa, S., Imori, M. Multi-agent CAMAC crate controller with Trident 32-bit transputers 98669
Inaba, S. *see* Anraku, K. 58649
Inaba, S. *see* Ikeda, H. 59204
Inaba, S. *see* Tanaka, M. 59201
Inaba, S. *see* Tanaka, M. 98662
Inaba, T. *see* Goda, Y. 68279
Inaba, T. *see* Matsumoto, T. 71304
Inaba, T. *see* Sunabe, K. 68304
Inaba, Y. *see* Miyamoto, T. 83049
Inaba, Y. *see* Mori, K. 56806
Inabe, H. *see* Ogimoto, K. 89056
Inabe, K. *see* Nanto, H. 72579
Inabe, N. *see* Matsuda, S. 55945
Inada, A. *see* Fuwa, Y. 95948
Inada, H. *see* Horio, H. 53485
Inada, H. *see* Oasa, T. 49441
Inada, H. *see* Shirota, Y. 82828
Inada, H. *see* Ueda, M. 97956
Inada, K. *see* Koda, H. 51609
Inada, K. *see* Tsuchiya, T. 50312
Inada, T. *see* Hasegawa, K. 88535
Inada, T. *see* Kiyota, Y. 49874
Inada, T. *see* Kiyota, Y. 71309
Inada, T. *see* Kiyota, Y. 71678
Inada, T. *see* Takahashi, H. 59377
Inada, T. *see* Tanoi, S. 92224
Inada, T. *see* Tanoi, S. 92239
Inagaki, D. *see* Hanaoka, R. 82124
Inagaki, J. *see* Shimakura, Y. 59867
Inagaki, K., Murata, Y., Maeda, T., Yamauchi, T., Takemura, H. Luminaires for fluorescent lamps "KAN-TOUCH" 60607
Inagaki, K. *see* Nagashima, N. 86839
Inagaki, K. *see* Nohara, M. 58354
Inagaki, K. *see* Suzuki, M. 89357
Inagaki, N. *see* Kikuma, N. 65666
Inagaki, N. *see* Tasaka, S. 93745
Inagaki, S., Fujiwara, T., Kodama, H., Okabe, N., Miyazaki, M. Evaluation of corrosion fatigue life of steam turbine (Monte Carlo simulation of pitting initiation and crack propagation) 89643
Inagaki, S. *see* Goto, K. 71420
Inagaki, S. *see* Kamata, K. 65197
Inagaki, S. *see* Sakiyama, S. 70706
Inagaki, T. *see* Adachi, T. 51011
Inagaki, T. *see* Wang, D. 69499
Inagaki, Y. *see* Ikuno, Y. 61121
Inagaki, Y. *see* Takahashi, A. 76090
Inagawa, I. *see* Nakata, J. 91408
Inagawa, K., Koshiba, M. Equivalent networks for SAW interdigital transducers 56187
Inagawa, K. *see* Hasegawa, K. 71922
Inaguchi, T. *see* Matsumoto, T. 72250
Inahara, M. *see* Matsuo, H. 68269
Inaho, K. *see* Amemiya, N. 82316
Inam, A. *see* Carr, G.L. 66350
Inam, A. *see* Yilmaz, S. 82712
Inami, H. *see* Yamashita, T. 53218
Inami, K. *see* Hama, H. 93702
Inamori, H. *see* Ueda, K. 74842
Inamori, M. *see* Kubota, K. 98801
Inamoto, A. Systematization of information and communication services 74774
Inamura, M. Spatial resolution improvement of a low spatial resolution image using spatial component extracted from high spatial resolution images 77653
Inamura, S. *see* Kusakabe, C. 100175
Inan, U.S., Lev-Tov, S. Lightning-induced ionospheric disturbances and their effects on VLF/ELF propagation 83670
Inan, U.S. *see* Bell, T.F. 83687
Inan, U.S. *see* Pasko, V.P. 94806
Inan, U.S. *see* Sonwalkar, V.S. 94805
Inanami, R., Chunlin Shao, Morita, S. Silicon wafer etching by transmitted electron-beam-enhanced plasma 81551
Inanami, R. *see* Gorwadkar, S. 79992
Inanobe, T. *see* Yamanaka, Y. 97690
Inard, A. *see* Etrillard, J. 93279
Inarida, S. *see* Ohsato, M.H. 100339
Inarrea, J., Platero, G., Tejedor, C. Resonant tunnelling through a double-barrier structure assisted by a photon field 62265

Inasawa, Y. *see* Ando, M. 94959
Inase, T. *see* Takahashi, K. 82263
Inata, T. *see* Muto, S. 62661
Inatsu, M. *see* Sugiura, A. 73594
Inaudi, D., Elamari, A., Pflug, L., Gisin, N., Breguet, J., Vurpillot, S. Low-coherence deformation sensors for the monitoring of civil-engineering structures 87267
Inaudi, D. *see* Syvridis, D. 63835
Inazumi, H. *see* Kaneko, T. 73695
Inazumi, T. *see* Kita, T. 93036
Inbar, H., Konforti, N., Marom, E. Modified joint transform correlator binarized by error-diffusion I. Spatially constant noise-dependent range limit 74443
Inbar, H., Marom, E. Modified joint transform correlator binarized by error diffusion. II. Spatially variant range limit 74444
Inbe, T. *see* Kanno, I. 88150
Inch, R. *see* Cuthbert, L. 86381
Inci, M.N. *see* Kidd, S.R. 66709
Incicchitti, A. *see* Bacci, C. 67317
Incicchitti, A. *see* Belli, P. 67346
Incropera, F.P., Ramadhyani, S. Single-phase, liquid jet impingement cooling of high-performance chips 79420
Incropera, F.P., Ramadhyani, S. Application of channel flows to single-phase liquid cooling of chips and multi-chip modules 79421
Incropera, F.P. *see* Womac, D.J. 69572
Inculet, I.I., Lackner, J. High efficiency electrostatic filter built with dual wire fibres 64104
Inculet, I.I. *see* Adamiak, K. 49023
Inculet, I.I. *see* Shang, J.Q. 94733
Indebetouw, G., Korwan, D.R. Model of vortices nucleation in a photorefractive phase-conjugate resonator 56898
Indeck, R.S., Glavinas, E. Fingerprinting magnetic media 50372
Indeck, R.S. *see* Horng-Shiong Chen 82266
Indeck, R.S. *see* O'Sullivan, J.A. 50356
Indeck, R.S. *see* O'Sullivan, J.A. 63226
Inderbitzen, R. *see* Durand, L.G. 77066
Inderbitzen, R. *see* Nygaard, H. 77065
Inderbitzen, R.S. *see* Eberhardt, A.C. 77069
Inderbitzen, R.S. *see* Plemons, T.D. 77070
Inderhees, S.E. *see* Kroeger, R.A. 88035
Indermuehle, P.-F., Linder, C., Brugger, J., Jaecklin, V.P., de Rooij, N.F. Design and fabrication of an overhanging xy-microactuator with integrated tip for scanning surface profiling 68925
Indik, R., Knorr, A., Binder, R., Moloney, J.V., Koch, S.W. Propagation-induced adiabatic following in a semiconductor amplifier 63856
Indira Devi, M. *see* Ramana, K.V.V. 51101
Indiveri, G. *see* Raffo, L. 80538
Indjic, D. *see* Knight, U.G. 60014
Indra *see* Sharda 91206
Indri, M., Tornambe, A. Robust trajectory tracking for flexible piezoelectric structures 82196
Indri, M. *see* Bona, B. 82156
Indukumar, K.C., Reddy, V.U. Decorrelation of broadband signals by Toeplitz-Block-Toeplitz structuring 73955
Indulkar, C.S. Statistical evaluation of peak switching overvoltages in EHV overhead lines 99721
Indulkar, C.S., Thiruvengadam, S. Surge propagation in crossbonded cable system—a frequency domain approach 99701
Indulkar, C.S., Thomas, M.S. Statistical evaluation of peak switching overvoltages in EHV underground cables 53755
Indutnyi, I.Z. *see* Kostioukevitch, S.A. 56316
Indutnyi, I.Z. *see* Romanenko, P.F. 73141
Indyka, W. *see* Dziuban, J. 66178
Iness, J. *see* Borella, M. 50653
Iness, J. *see* Feiling Jia 65795
Ing-Jer Huang, Despain, A.M. Synthesis of instruction sets for pipelined microprocessors 92273
Ing-Shiou Hwang *see* Jia-Jin J Chen 98905
Ing-Song Lin *see* Lightstone, M. 49550
Ingalls, M.W. A new reliability test for multilayer ceramic capacitors 80904
Ingalls, M.W. A new reliability test for multilayer ceramic capacitors 80918
Ingalls, R.P., Antebi, J., Ball, J.A., Barvainis, R., Cannon, J.F., Carter, J.C., Charpentier, P.J., Corey, B.E., Crowley, J.W., Dudevoir, K.A., Gregory, M.J., Kan, F.W., Milner, S.M., Rogers, A.E.E., Salah, J.E., Zarghamee, M.S. Upgrading the Haystack radio telescope for operation at 115 GHz 58532
Ingalls, W. *see* Johnson, K.F. 76415
Ingalls, W.B. *see* Johnson, K.F. 76427
Ingalsuo, S. *see* Ritoniemi, T. 97731
Inganas, O. *see* Assadi, A. 66576
Inganas, O. *see* Berggren, M. 82842
Inganas, O. *see* Berggren, M. 94296
Ingels, F.M. *see* Skinner, B.J. 58448
Ingels, F.M. *see* Skinner, B.J. 75543
Ingels, F.M. *see* Skinner, B.J. 84386
Ingels, M. *see* Steyaert, M. 97329
Ingemansson, K.-E. *see* Svantesson, I. 99906
Inggs, M.R. *see* Alston, C.E. 99411
Ingham, A.R. *see* Richardson, T.A. 65086
Ingham, D.B., Parrington, G.D. Delayline: a wide-area network emulation tool 85741
Ingino, J., Owen, G., Berglund, C.N., Browning, R., Pease, R.F.W. Workpiece charging in electron beam lithography 71440
Ingleson, J.W. *see* McElray, J.L. 78228
Inglis, A.D. *see* Jeckelmann, B. 86825
Inglis, B.D. *see* Levinson, H. 87104
Inglis, D.A. *see* Argade, P.V. 70586
Inglis, H.G., Sceats, M.G. Photo-induced dichroism in germanosilicate optical fibres 56362
Inglis, S., Witten, I.H. Compression-based template matching 57886
Inglis, S. *see* Witten, I.H. 64877
Ingman, K. *see* Hedlund, B. 55349
Ingold, G., Solomon, I., Ben-Zvi, I., Krinsky, S., Li, D., Lynch, D., Sheehan, J., Woodle, N., Qiu, X.Z., Yu, L.H., Zhang, X., Sampson, W., Gardner, M., Robins, K., Lehrman, I., Heuer, R., Sheehan, J., Weissenburger, D. A superconducting short period undulator for a harmonic generation FEL experiment 63868
Ingold, G. *see* Solomon, L. 63880
Ingram, A.E. *see* Rand, J.A. 100640
Ingram, D. *see* Lester, J.A. 80788
Ingram, M.A. *see* Goldstein, J.S. 75537
Ingram, S.K. *see* Werst, M.D. 73242
Ingrey, S. *see* Kwok, R.W.M. 93165
Ingria, R. *see* Bates, M. 73858
Ings, J.B. *see* Belt, R.F. 72058
Inhyok Cha *see* Kassam, S.A. 95528
Iniewski, K. *see* Voinigescu, S. 62220
Iniewski, K. *see* Voinigescu, S.P. 55664
Inigo, J. *see* Gimenez, G. 74927
Inkinen, S. *see* Alippi, C. 53346
Inkinen, S. *see* Dell'Acqua, A. 87955
Inkinen, S. *see* Dell'Acqua, A. 98680
Inkinen, S.J. Nonlinear readout signal processing using the DataWave video signal processor 97814
Inkinen, S.J. *see* Niittylahti, J. 80494
Inkol, R. *see* Zhang, G. 61808
Inkol, R.J., Saper, R.H. A new algorithm for signal classification using phase information 57467
Inkol, R.J., Saper, R.H. A new algorithm for signal classification using phase information 74033
Inkol, R.J., Saper, R.H., Zhang, G. A wide bandwidth digital quadrature demodulator for electronic warfare receivers 59644
Inkson, J.C. *see* Boero, M. 93319
Inkster, R. *see* Prager, B. 99132
Inkyu Lee, Modlin, C., Cioffi, J.M. Equalized maximum likelihood receiver in a magnetic recording channel 82282
Inkyu Lee, Yamauchi, T., Cioffi, J.M. Performance comparison of receivers in a simple partial erasure model 72160
Inman, D.J. *see* Banks, H.T. 71879
Inman, D.J. *see* Pokines, B.J. 100168
Inn Seock Kim Computerized systems for on-line management of failures: a state-of-the-art discussion of alarm systems and diagnostic systems applied in the nuclear industry 68375
Innes, S. *see* McLaren, P.G. 78226
Innes, W. *see* Becker-Szendy, R. 87033
Innes, W. *see* Becker-Szendy, R. 97818
Innis, P. *see* Unsworth, J. 91651
Inniss, D., Zhong, Q. Corroded pristine optical fibers studied with an atomic force microscope 94095
Inniss, D., Zhong, Q., Vengsarkar, A.M., Reed, W.A., Kosinski, S.G., Lemaire, P.J. Atomic force microscopy study of UV-induced anisotropy in hydrogen-loaded germanosilicate fibers 82597
Inniss, D. *see* Qian Zhong 94063
Inniss, D. *see* Vengsarkar, A.M. 82547
Inniss, D. *see* Zhong, Q. 94094
Ino, J. *see* Yoshida, N. 55743
Ino, K. Selective call blocking offered in trial service. Uses calling party number to block nuisance calls 85563
Ino, M., Inoue, N., Yoshimaru, M. Silicon nitride thin-film deposition by LPCVD with in situ HF vapor cleaning and its application to stacked DRAM capacitor fabrication 54971
Ino, M. *see* Ida, J. 71807
Ino, M. *see* Itoh, M. 92210
Ino, M. *see* Ohtomo, Y. 50109
Ino, M. *see* Ohtomo, Y. 58266
Ino, M. *see* Suto, H. 50108
Ino, M. *see* Yoshimaru, M. 61395
Ino, M. *see* Yoshimaru, M. 92177
Ino, S., Izumi, T., Takahashi, M., Ifukube, T. Proposal of a tactile display method for presenting quality of materials based on the temperature change of skin surface while touching the materials—a basic study for "hand with sensory feedback" 58725
Ino, S. *see* Harada, Y. 71066
Ino, T., Uenosono, C. An examination of highly accurate equivalent circuit for double-circuits DC transmission lines 68191
Inocencio, E., Fonseca, M.M. SDL to C++ translator for ISDN basic rate terminal signalling 96782
Inogai, K. *see* Kinoshita, N. 86155
Inokawa, H., Yamamoto, Y., Okazaki, Y., Kobayashi, T., Miyake, M., Ishii, H. Ultranarrow trench-isolated 0.2-μm CMOS and its application to ultralow-power frequency dividers 93622
Inokawa, H. *see* Okazaki, Y. 71791
Inokuchi, S. *see* Kokogawa, T. 50612
Inokuchi, S. *see* Nigashi, K. 50611
Inomata, A. *see* Hayama, S. 96580
Inomata, Y. *see* Shirasawa, K. 100648
Inone, H. Present status of development of a superconducting Maglev system 69165
Inosako, K., Matsunaga, K., Okamoto, Y., Kuzuhara, M. Highly efficient double-doped heterojunction FET's for battery-operated portable power applications 70875
Inose, H. *see* Nakayama, I. 65722
Inou, K. *see* Matsuda, S. 70423
Inouchi, Y. *see* Yamashita, T. 53218
Inoue, A., Fukue, K., Shimoda, H., Sakata, T. A classification method using spatial information extracted by neural network 77606
Inoue, A., Ishikawa, T., Chaki, S., Orisaka, S., Aoshima, S.-i., Takahashi, H. Microscopic electric field measurement for microwave high-power FETs by using a non-contact electro-optic probing technique 70900
Inoue, A. *see* Arita, K. 50138
Inoue, A. *see* Arita, K. 93659
Inoue, A. *see* Fujioka, K. 61218
Inoue, A. *see* Hasegawa, H. 74817
Inoue, A. *see* Honda, T. 52346
Inoue, A. *see* Makino, A. 68674
Inoue, A. *see* Shimura, T. 92529
Inoue, A. *see* Shiramatsu, N. 76138
Inoue, A. *see* Wakejima, A. 54847
Inoue, E. *see* Oshikiri, M. 82502
Inoue, G. *see* Ozaki, S. 70623
Inoue, H. Method of finite element subdivisions for simulating induced voltage of voltage indicator by using surface charge method 98247
Inoue, H., Ninomiya, H. Detection of imitative defect by non-contact inspection method using laser 70185
Inoue, H. *see* Egawa, Y. 93424
Inoue, H. *see* Imano, K. 88883
Inoue, H. *see* Ishibashi, Y. 58543
Inoue, H. *see* Ishida, H. 97276
Inoue, H. *see* Kanetake, T. 50940
Inoue, H. *see* Kirihara, T. 75169
Inoue, H. *see* Kubota, T. 99708
Inoue, H. *see* Tanaka, Y. 88627
Inoue, H. *see* Tanaka, Y. 99037
Inoue, I. *see* Kasahara, H. 89784
Inoue, I. *see* Mito, T. 89302
Inoue, I. *see* Yamashita, H. 97663
Inoue, I.H. *see* Iga, F. 63168
Inoue, J. *see* Ohtomo, Y. 50109
Inoue, J. *see* Sato, S. 79524
Inoue, J.-I. *see* Ohtomo, Y. 58266
Inoue, K. Industrial application material handling system. III. Guided transport system 60580
Inoue, K. Experimental study on channel crosstalk due to fiber four-wave mixing around the zero-dispersion wavelength 72335
Inoue, K. Arrangement of fiber pieces for a wide wavelength conversion range by fiber four-wave mixing 83273
Inoue, K., Nakanishi, K., Oda, K., Toba, H. Crosstalk and power penalty due to fiber four-wave mixing in multichannel transmissions 86446
Inoue, K., Nakaoka, M. New generic fuzzy algorithms-based auto-tuning implementation for DC brushless servo systems and its evaluations 100164
Inoue, K., Takeuchi, T., Kiyoshi, T., Itoh, K., Takchana, K., Wada, H., Maeda, H., Fujioka, T., Murase, S., Wachi, Y., Hanai, S., Dozono, Y., Kojo, T. 40 T class hybrid magnet system 82501
Inoue, K., Takouchi, T., Takehana, K., Itoh, K., Kiyoshi, T., Maeda, H., Fujioka, T., Murase, S., Wachi, Y., Hanai, S., Dozono, Y., Kojo, T. Test operation of superconductive part in 40 Tesla class hybrid magnet system 94026
Inoue, K., Tokumasu, T., Nakanishi, K., Hamajima, T., Ito, K., Oshima, S. Study on the coil for quick response superconducting generator 82485
Inoue, K., Yamashita, H., Nakamae, E., Fujikawa, T. Brushless self-excited three-phase synchronous generator without exciter 78589
Inoue, K. *see* Asano, T. 83560
Inoue, K. *see* Asano, T. 83569
Inoue, K. *see* Harada, M. 55902
Inoue, K. *see* Hirota, T. 83539
Inoue, K. *see* Kawata, M. 78640
Inoue, K. *see* Kiyoshi, T. 82473
Inoue, K. *see* Liu, X.F. 70044
Inoue, K. *see* Nakashima, K. 64719
Inoue, K. *see* Ota, Y. 56085
Inoue, K. *see* Sakai, H. 80870
Inoue, K. *see* Sakai, Y. 82235
Inoue, K. *see* Sasaki, Y. 65637
Inoue, K. *see* Sato, Y. 90288
Inoue, K. *see* Seki, M. 93572
Inoue, K. *see* Sugibayashi, T. 92215
Inoue, K. *see* Tomita, N. 82402
Inoue, K. *see* Uchida, M. 89581
Inoue, M., Taniguchi, K. A sinusoidal PAM-PWM inverter 68712
Inoue, M., Yoh, K., Nishida, A. Quantized conductance observed at high temperatures in InAs/(AlGa)Sb quantum wires 62297

Inoue, M. *see* Higuma, T. 90681
Inoue, M. *see* Kawashima, M. 51746
Inoue, M. *see* Maemoto, T. 82365
Inoue, M. *see* Saitoh, Y. 59075
Inoue, M. *see* Shirai, T. 76407
Inoue, M. *see* Shiroto, H. 82741
Inoue, M. *see* Yoh, K. 62296
Inoue, M. *see* Yoshimine, T. 77757
Inoue, N. An education environment for teaching computer architecture 55279
Inoue, N., Ogawa, Y., Yoshida, Z., Akiyama, N., Sumi, Y. Confinement and slowing-down of ultra-cold neutrons in a magnetic storage ring 87770
Inoue, N., Tsunekage, T., Sakai, S. On-line fault location system for 66 kV underground cables with fast O/E and fast A/D technique 53756
Inoue, N. *see* Hirono, S. 54859
Inoue, N. *see* Homma, Y. 54871
Inoue, N. *see* Ichihara, K. 62198
Inoue, N. *see* Ino, M. 54971
Inoue, N. *see* Kanai, T. 82343
Inoue, N. *see* Kuroiwa, S. 52280
Inoue, N. *see* Seki, T. 63408
Inoue, N. *see* Shinohara, M. 79817
Inoue, N. *see* Toya, A. 78235
Inoue, N. *see* Yokohira, T. 52114
Inoue, N. *see* Yokoyama, H. 91476
Inoue, N. *see* Yoshimaru, M. 61395
Inoue, N. *see* Yoshimaru, M. 92177
Inoue, O., Sugaya, Y., Matsutani, N., Kugimiya, K. Nano-structure controlled magnetic materials 82238
Inoue, S. CG and Editing Systems: A spatiotemporal editing system using component video 75737
Inoue, S. *see* Kamishima, Y. 65493
Inoue, S. *see* Mita, M. 48681
Inoue, S. *see* Ochi, K. 61051
Inoue, S. *see* Ohmi, K. 63568
Inoue, T., Inoue, T. ISDN application for image transmission 64705
Inoue, T., Satoh, G. Feedback type transmission power control for Ku-band VSAT system 52441
Inoue, T., Tsukano, K. A design of analog CMOS fuzzy inference circuits using OTAs 70788
Inoue, T., Watari, N., Kameyama, A., Suzuki, M., Miyama, T. 200-kHz wide-band underwater ultrasonic transducers for color video picture transmission 88885
Inoue, T., Yonezawa, T., Fujiwara, H. Optimal granularity of parallel test generation on the client-agent-server model 92091
Inoue, T. *see* Inoue, T. 64705
Inoue, T. *see* Kagata, H. 82106
Inoue, T. *see* Kato, J. 82104
Inoue, T. *see* Kitagawa, M. 93436
Inoue, T. *see* Kitaura, Y. 93552
Inoue, T. *see* Li, C.C. 93410
Inoue, T. *see* Moriyasu, S. 89891
Inoue, T. *see* Motomura, M. 70624
Inoue, T. *see* Nagaoka, M. 92572
Inoue, T. *see* Nishimura, K. 60327
Inoue, T. *see* Nobuhara, H. 72906
Inoue, T. *see* Nomura, M. 49485
Inoue, T. *see* Ohara, Y. 53179
Inoue, T. *see* Oota, I. 78699
Inoue, T. *see* Sasaki, M. 49495
Inoue, T. *see* Sato, T. 72197
Inoue, T. *see* Sin Eam Tan 92363
Inoue, T. *see* Suga, Y. 77652
Inoue, T. *see* Sugitani, K. 80409
Inoue, T. *see* Suzuki, K. 92288
Inoue, T. *see* Takano, T. 95010
Inoue, T. *see* Yamamoto, M. 99347
Inoue, T. *see* Yamamoto, T. 50694
Inoue, T. *see* Zaitsu, T. 49134
Inoue, T. *see* Zaitsu, T. 100296
Inoue, Y. A practical algorithm for DC operating-point analysis of large scale circuits 49105
Inoue, Y., Ohmori, Y., Kawachi, M., Ando, S., Sawada, T., Takahashi, H. Polarization mode converter with polyimide half waveplate in silica-based planar lightwave circuits 56403
Inoue, Y., Shimamoto, T., Sakamoto, A. A module placement using genetic algorithms 93545
Inoue, Y., Terada, N. Granulated broadband networks 52202
Inoue, Y., Yamaguchi, Y., Yamaguchi, T., Takahashi, J., Iwamatsu, T., Wada, T., Nishimura, Y., Nishimura, T., Tsubouchi, N. Selection of operation mode on SOI/MOSFETs for high-resistivity load static memory cell 92232
Inoue, Y. *see* Eimori, T. 93610
Inoue, Y. *see* Hida, Y. 65781
Inoue, Y. *see* Ishida, O. 75506
Inoue, Y. *see* Ishida, O. 97293
Inoue, Y. *see* Iwamatsu, T. 93618
Inoue, Y. *see* Maeda, S. 70484
Inoue, Y. *see* Maegawa, S. 92819
Inoue, Y. *see* Norimatsu, S. 75415
Inoue, Y. *see* Sebayashi, K. 65382
Inoue, Y. *see* Shibayama, M. 77581
Inoue, Y. *see* Suma, K. 92221
Inoue, Y. *see* Suma, K. 92238
Inoue, Y. *see* Suzuki, S. 50550
Inoue, Y. *see* Takada, K. 96933
Inoue, Y. *see* Uchida, S. 99725
Inoue, Y. *see* Uose, H. 58221
Inoue, Y. *see* Yamaguchi, Y. 71658
Inouea, K. *see* Mizoh, Y. 72101
Inouye, Y., Umeda, T. Parameter estimation of multivariate ARMA processes using cumulants 64540
Inovenkov, A.N., Konstantinov, O.V., Pirogrov, V.I. Generalization of the Ramo-Shockley theorem to the case of high-impedance external circuits 55094
Inozemtsev, N.I. *see* Artamonov, A.S. 83175
Insalaco, S. *see* Grandori, F. 53423
Insana, M.F., Hall, T.J., Cook, L.T. Backscatter coefficient estimation using array transducers 88880
Insana, M.F. *see* Cook, L.T. 67469
Inserra, S. *see* Dunphy, J. 52887
Insleay, A., Joos, G. A neural network based approach to the regulation of DC/DC buck converters 100356
Insleay, A., Zargari, N.R., Joos, G. A neural network controlled unity power factor three phase PWM rectifier 100295
Inspektorov, E.M., Bogdanovich, V.I. Excitation of sea surface wave by short-wave radiator 64239
Instone, I. Improving and maintaining calibration: integrity in a cost conscious environment 66107
Insulander, J. *see* Bruno, G. 96452
Insung Lee *see* Kyongho Han 75123
Intaglietta, M. *see* Breit, G.A. 59259
Intani, D., Baba, T., Iga, K. Simple optical wavelength-division multiplexer component that uses the lateral focusing scheme of a planar microlens 65773
Interrante, M. *see* Economikos, L. 49723
Intrater, G. *see* Sandbank, A. 75124
Introzzi, G. *see* Arena, V. 53299
Inudo, T. *see* Hidai, T. 97428
Inui, T. Miniaturization in harsh environments 78952
Inui, T., Yoshitake, T. Shielded $YBa_2Cu_3O_7$ microstripline characteristics 55368
Inui, T. *see* Ashida, T. 97922
Inui, T. *see* Miura, S. 80619
Inui, T. *see* Yoshitake, T. 80575
Inuiguchi, M. *see* Sawaka, M. 48822
Inuishi, M. *see* Komori, S. 70514
Inuishi, M. *see* Kuroi, T. 71668
Inuishi, M. *see* Kuroi, T. 93615
Inuishi, M. *see* Oda, H. 70521
Inuishi, M. *see* Shimizu, M. 93665
Inuishi, Y. *see* Jun-ichi Nakata 92969
Inujima, H. *see* Maekawa, H. 60373
Inukai, E. *see* Kasuga, T. 61422
Inukai, E. *see* Nakamura, K. 99724
Inukai, T. *see* Cotner, C. 86245
Inumaru, F., Wakabayashi, K., Hata, K. Bit-based measurement for digital path transmission performance 85461
Inushima, T. *see* Kubo, N. 93373
Inuzuka, H., Ishiguro, T., Mizuno, S. Elimination of cross-components in the Wigner distribution of the exponentially swept data by varying the sampling rate 97865
Invernizzi, G. *see* Pinciroli, F. 76995
Invernizzi, M. *see* Delfino, B. 68158
Inwood, B. QOS: a user's perspective 86702
Inyeol Lee, Gyudong Kim, Wonchan Kim Exponential curvature-compensated BiCMOS bandgap references 91899
Ioannidis, G., Walton, N., Neeraj Pujara, Bublitz, C. GPS exploitation for precision targeting a relative targeting system 67957
Ioannidis, J., Blaze, M. The architecture and implementation of network-layer security under Unix 58196
Ioannisian, A.B., Simakov, V.N., Fol'ts, V.A. Portable devices for magnetolaser therapy 77045
Ioannisian, A.B., Simakov, V.N., Shipilova, N.A. Portable device for intracavity laser therapy 77046
Ioannou, D.E. *see* Campisi, G.J. 93455
Ioannou, D.E. *see* Cristoloveanu, S. 71641
Ioannou, D.E. *see* Sinha, S.P. 93459
Ioannou, D.E. *see* Zaleski, A. 93477
Ioannou, P. *see* Anassontzis, E.G. 98510
Ioannou, P. *see* von Apeldoorn, G. 88116
Ioi Keong Ung *see* Li Wang 89121
Ioinovici, A. *see* Cheong, S.V. 68848
Ioinovici, A. *see* Chung, H.S.-H. 55137
Ioinovici, A. *see* Yue-Chung Wong 91878
Ioka, S. *see* Shinohara, H. 100017
Ioka, S. *see* Takahata, K. 82416
Ioka, S. *see* Yuyama, S. 100022
Iokibe, T., Sakawa, M. Electric energy demand supervision and control method using fuzzy logic for systems with large load variation 79016
Ioli, N. *see* Carelli, G. 56604
Ioli, N. *see* Carelli, G. 82933
Ioli, N. *see* Carelli, G. 83235
Ionescu, A.M., Cristoloveanu, S., Rusu, A., Chovet, A., Hassein-Bey, A. A unified model of threshold voltage, subthreshold slope and interface coupling in thin film SOI MOSFETs 93472
Ionescu, A.M. *see* Cristoloveanu, S. 71642
Ionescu, A.M. *see* Tudor, B. 81832
Ionescu, D., Abdelsayed, S., Goodenough, D. A registration and matching method for remote sensing images 95830
Ionescu, D., Andronic, C., Goodenough, D. Object oriented tools for multisensor data fusion for an SIMD computer 77616
Ionescu, D., Geling, G. Automatic detection of large object features from SAR data 77676
Ionescu, D., Jing-Yue Lin Designing optimal controllers for communications processes 96608
Ionescu, D. *see* Damergi, T. 95704
Ionescu, D. *see* Geling, G. 95829
Ionescu, D. *see* Ko Bong Fung 77635
Ionescu, D. *see* Ko Bong Fung 95828
Ionescu, L.G. *see* Podoleanu, A.G. 56376
Ionescu, M.A. Temperature distributions in dynamic VLSI memories 61731
Ionescu, R. *see* Barsan, N. 66531
Ionescu, R. *see* Barsan, N. 66538
Ionin, A.A. *see* Afanas'ev, L.A. 73087
Ionita, V. A study of a linear iterative method convergence for the magnetic field computation into a strong nonlinear medium 64065
Ionita, V. Some procedures for improving the iterative methods' convergence in nonlinear magnetic field computation 73223
Ionov, B.P. *see* Kosykh, A.V. 55161
Ionov, R., Angelova, A. Organic/semiconductor superlattices as an attractive perspective 81284
Ionov, V.V. Some peculiarities of phase transitions in registering film media for optical information recording 72292
Ionov, V.V., Gusev, W.Yu., Yudithev, A.I. Recording properties of Bi-substituted YIG prepared by a thermal decomposition method films 72293
Iordache, M., Dumitriu, L., Voicu, N., Perpelea, M. Generalized diakoptic analysis for large-scale electric circuits 61486
Iordache, M. *see* Voicu, N. 78544
Iordanova, I., Penchev, O., Panteleev, Ts. Investigation of activation behind a beryllium slab under irradiation with 14 MeV neutrons 67319
Iori, N. *see* Fujita, K. 86094
Ioup, G.E. *see* Pflug, L.A. 57479
Ioup, J.W. *see* Pflug, L.A. 57479
Iova, I. *see* Rosui, N. 83390
Iovu, M.S. *see* Andriesh, A.M. 93094
Ip, H.H.S. *see* Brown, W.L. 59809
Ip, H.H.S. *see* Lam, S.W.C. 64860
Ip, H.H.S. *see* Lam, S.W.C. 95679
Ip, H.H.S. *see* Ng, J.M. 85914
Ip, K.T. *see* Kobayashi, K.W. 92561
Ipakchi, A. *see* Adapa, R. 89177
Ipakchi, A. *see* Khadem, M. 78309
Iparraguirre, I. *see* Azkargorta, J. 82975
Ipatov, V.P., Platonov, V.D. Conditions for the convergence of frequency-shift keying to equivalent phase-shift keying 51295
Ippen, E.P. *see* Hall, K.L. 94538
Ippen, E.P. *see* Kartner, F.X. 72331
Ippen, E.P. *see* Khatri, F.I. 72733
Ippen, E.P. *see* Tamura, K. 72740
Ippolito, L. *see* Betta, G. 98035
Ippolito, P. *see* Pham, D. 92287
Ippolitov, I.I., Bulldakov, M.A., Zhilitskii, V.F., Korolev, B.V., Krainov, V.V., Lobetskii, V.E., Loboda, S.A., Matrosov, I.I., Tigeev, S.V. A gas analyzer for monitoring the nitric oxide in flue gases 99926
Ippommatsu, M. *see* Suzuki, M. 70137
Ipposhi, T. *see* Ishida, M. 70483
Ipposhi, T. *see* Maeda, S. 70484
Ipposhi, T. *see* Maeda, S. 71691
Ipposhi, T. *see* Maegawa, S. 92819
Ipposhi, T. *see* Sakamoto, O. 70509
Ipri, A. *see* Dolny, G. 98213
Ipri, A. *see* Khormaei, R. 66624
Ipri, A.C. *see* Dolny, G.M. 61560
Ipri, A.C. *see* Dolny, G.M. 93649
Ipri, S.L. *see* Shiraishi, H. 60593
Ipsen, I.C.F. *see* Chandrasekaran, S. 69842
Iqbal, A., Nealon, M. Signal propagation characteristics for thin film, glass-ceramic and alumina based MCM 91062
Iqbal, A., Swaminathan, M., Nealon, M., Omer, A. Design tradeoffs among MCM-C, MCM-D and MCM-D/C technologies 54508
Iqbal, A., Swaminathan, M., Nealon, M., Omer, A. Design tradeoffs among MCM-C, MCM-D and MCM-D/C technologies 54533
Iqbal, M.T., Coonick, A.H., Freris, L.L. Dynamic control options for variable speed wind turbines 68497
Iracane, D., Fontenay, V., Guimbal, P., Joly, S., Striby, S., Touati, D. Experimental evidence for high-efficiency, low-brightness behavior in free-electron lasers 72927
Iracane, D. *see* Chaix, P. 72935
Irakliotis, L.J. *see* Mitkas, P.A. 50627
Irakliotis, L.J. *see* Mitkas, P.A. 63360
Iramina, K. *see* Chinone, K. 53368
Irani, F.D. *see* Singh, S.P. 54222
Irani, M., Rousso, B., Peleg, S. Recovery of ego-motion using image stabilization 84811
Irani, M., Rousso, B., Peleg, S. Robust recovery of ego-motion 95686
Irani, R.K. *see* Saxena, M. 89678
Iranmanesh, H. *see* Mivehchi, E. 63153
Iravani, M.R., Dandeno, P.L., Nguyen, K.H., Zhu, D., Maratukulam, D. Applications of static phase shifters in power systems 77989
Iravani, M.R. *see* Shi, W. 89199

Irby, J.H. *see* Kenney, J.S. 97079
Irelan, P.D. *see* Herrmann, R.M. 67629
Irene, E.A. *see* Hu, Y.Z. 55794
Irene, E.A. *see* Hu, Y.Z. 93209
Irene, E.A. *see* Spanos, L. 93164
Irene, E.A. *see* Wang, Y. 93208
Ireton, M.A. *see* Farrow, G.S.D. 64831
Irfan, G.S. *see* Ogawa, H. 70052
Irick, S.C. Improved measurement accuracy in a long trace profiler: compensation for laser pointing instability 83403
Irie, H., Takemoto, N., Yamashita, T. Ripple compensation of a single-phase rectifier by two-quadrant chopper and auxiliary capacitor 68711
Irie, K., Okumura, Y., Sakurai, N., Kishimoto, R. High-quality subband codec for HDTV transmission 58581
Irie, K., Okumura, Y., Sakurai, N., Kishimoto, R. A subband-DPCM codec for HDTV and its performance 66041
Irie, M. Photochromic diarylethenes for optical data storage media 56312
Irie, M. *see* Maeda, H. 79929
Irie, M. *see* Tanio, N. 56378
Irie, M. *see* Tsujioka, T. 56310
Irie, M. *see* Tsujioka, T. 94049
Irie, T. *see* Kashima, Y. 94284
Irie, T. *see* Matsushita, H. 62212
Irie, T. *see* Nakanishi, H. 62216
Irie, T. *see* Zaima, E. 53826
Irie, Y., Kaneko, N., Kobayashi, Y., Yano, Y. Cathode-follower RF system for high-intensity proton synchrotrons 66841
Irii, H. *see* Itoh, K. 51416
Irii, H. *see* Ogawa, M. 84018
Irikura, M. *see* Fujiwara, S. 91416
Irikura, T. *see* Aoki, Y. 99127
Irimajiri, Y. *see* Koshiishi, H. 97507
Irimajiri, Y. *see* Nakajima, H. 58528
Irin, I.V., Murel', A.V. Automatic measuring facility for electrochemical C-V profiling 58944
Irisarri, G.D., Ejebe, G.C., Waight, J.G., Tinney, W.F. Efficient solution for equilibrium points in transient energy function analysis 53653
Irisarri, G.D., Ejebe, G.C., Waight, J.G., Tinney, W.F. Efficient solution for equilibrium points in transient energy function analysis 77838
Irish, J.D. *see* Borkenhagen, J.M. 92257
Irishima, T. *see* Matsui, H. 85564
Iritani, H. *see* Fujimoto, H. 79042
Iritani, T., Kuge, J., Oie, T. Fast convergence PLL synthesizer with initial phase difference 80194
Iriyama, T. *see* Shiomi, J. 63164
Irl, S. *see* Russ, C. 81856
Irmer, K. *see* Kreyssig, A. 98515
Irmer, U. *see* Dieter, W. 68052
Irmisch, M. *see* Heller, R. 82483
Ironmonger, S.N. *see* Bushnell, M.J. 60015
Ironside, C.N. *see* McMeekin, S.G. 72649
Ironside, C.N. *see* Villeneuve, A. 56853
Ironside, C.N. *see* Villeneuve, A. 72357
Irrera, F. *see* Bolognesi, G. 100544
Irrera, F. *see* Caputo, D. 60474
Irrera, F. *see* Caputo, D. 92989
Irshid, M.I., Helo, S.Y. Exact error probability for optical homodyne PSK communication system 86343
Irurieta, E. *see* Gonzalez, J. 71954
Irvin, D.R. The role of customer-premises bandwidth management 58056
Irvine, S.J. *see* Kozlowski, L.J. 66492
Irvine-Halliday, D. *see* Hisham Morshed, A. 66761
Irvine-Halliday, D. *see* Peng-Gang Zhang 63368
Irving, D.H. *see* Sen, D. 84058
Irving, M.R. *see* Elrefaie, H.B. 99742
Irving, M.R. *see* Macqueen, C.N. 53741
Irving, N.B. *see* Bramley, J.S. 85546
Irving, W.W., Tsitsiklis, J.N. Some properties of optimal thresholds in decentralized detection 51500
Irwin, C.J. *see* Silvestro, J.W. 94885
Irwin, G. *see* Anderson, J.S. 66130
Irwin, G.W. *see* Brown, M.D. 99578
Irwin, J., Helm, R., Nelson, W.R., Walz, D. Conventional collimation and linac protection 66896
Irwin, J. *see* Donald, M. 66879
Irwin, J. *see* Emma, P. 66874
Irwin, J. *see* Walker, N.J. 66865
Irwin, J. *see* Walker, N.J. 66866
Irwin, J. *see* Walker, N.J. 66875
Irwin, L.W. *see* Pierce, D.G. 62518
Irwin, M.J. *see* Kelliher, T.P. 70599
Irwin, M.J. *see* Nagendra, C. 74504
Irwin, M.J. *see* Nagendra, C. 80246
Irwin, M.J. *see* Singh Bajwa, R. 82043
Irwin, M.J. *see* Ting-Ting Hwang 80276
Irwin, M.J. *see* Wu, C.-M. 80458
Irwin, M.J. *see* Yang, W.L. 49272
Irwin, T. Six years experience with UHF monitoring 54130
Irwin, V. *see* Calame, J.P. 81156
Irwin, V. *see* Latham, P.E. 62095
Isa, H. *see* Kotaki, K. 68257
Isa, I. *see* Yamamoto, H. 55445
Isa, V. Electronic wattmeter calibration problems 52979
Isaac, F.E., Wyatt, L.R. Analysis of directional ocean spectra as measured by H.F. radar 77424
Isaac, F.E., Wyatt, L.R. The application of computational geometry to the analysis of directional wave spectra as measured by H.F. radar 99290
Isaac, J. *see* Sreemoolanadhan, H. 63044
Isaac, J.G. *see* Blakemore, F.B. 59855
Isaac, J.G. *see* Blakemore, F.B. 59856
Isaacs, E.A., Tang, J.C. What video can and can't do for collaboration: a case study 58235
Isaacs, P. *see* Bartley, J. 48692
Isaacs, P. *see* Carpenter, D.A. 98786
Isaacson, D. *see* Cook, R.D. 77023
Isaacson, I.P. *see* Chu, W. 49927
Isaacson, I.P. *see* Shirey, L.M. 81598
Isabelle, D. *see* Doucin, B. 71580
Isaev, A.A., Mashinsky, V.M., Petrash, G.G. Stimulated Raman scattering of copper bromide laser radiation in optical fibre 94625
Isaev, A.A., Petrash, G.G. Kinetics of excitation and physical processes in active media of copper vapour and copper bromide vapor lasers 94344
Isaev, G.A., Nigmatulin, R.R., Sutugin, N.N., Poletaeva, N.G. The fractal approach to solving problems of electric prospecting by transient method 88737
Isaev, Kh.I. *see* Aronov, D.A. 49784
Isaev, M.V. *see* Karetnikov, A.A. 72457
Isaev, V.V., Delyagin, G.N. Reduction of nitrogen oxide waste in the combustion of coal 99945
Isaeva, L.D. *see* Aleksandrov, B.P. 63651
Isaka, K., Hayashi, N., Okamoto, M., Yokoi, Y. Measurements of power frequency electromagnetic environments and consideration into exposure evaluation 99023
Isaka, K. *see* Nakagawa, Y. 53247
Isakov, A.B. *see* Anisimov, V.I. 55114
Isakov, A.I. *see* Mikerov, V.I. 74015
Isaksen, O., Dico, A.S., Hammer, E.A. A capacitance-based tomography system for interface measurement in separation vessels 98355
Isaksson, M., Diachina, J., Raith, K., Sammarco, A. A new standard for North American digital cellular 97113
Isch, H.W. The power converters of the CERN LEP accelerator 60314
Iscoff, R. Cleanroom apparel: a question of tradeoffs 81403
Iscoff, R. What's in the cards for wafer probing? 82022
Iscoff, R. Is 0.5 μm the end of the line for optical CD measurement? 87518
Iscoff, R. Ultrathin packages : Are they ahead of their time? 90989
Iscoff, R. In-situ deposition rate monitoring for thin films 91108
Ise, K., Tanaka, H. A note on performance improvement of Ziv-Lempel code 57341
Ise, T., Matsuhara, M. Analysis of open-type waveguides by the combination of finite element method and boundary element method 94935
Ise, T., Murakami, Y. Modular based design for a small to medium scale toroidal type SMES 78840
Ise, T. *see* Ishida, H. 80106
Iseki, Y., Hayashi, K., Watanabe, I., Noda, E., Suzuki, S. Characteristics of a large-bore copper vapor laser with gas-cooling plates 72679
Isele, B. *see* Russer, P. 80657
Isele, B. *see* Sobhy, M.I. 49123
Isenhour, T.L. *see* Zhou, T. 66124
Isermann, R. *see* Ludwig, C. 58997
Isern, E., Figueras, J. Test of bridging faults in scan-based sequential circuits 49322
Isern, E., Figueras, J. Analysis of I_{DDQ} detectable bridges in combinational CMOS circuits 49397
Isern, E., Figueras, J. Enhance CMOS circuit quality with I_{DDQ} tests 93587
Isernia, T., Leone, G., Pierri, R. Phaseless near field techniques: uniqueness conditions and attainment of the solution 73205
Isernia, T., Leone, G., Pierri, R. Phaseless near field techniques: formulation of the problem and field properties 73209
Ish-Shalom, J. Sawyer sensor for planar motion systems 100186
Ish-Shalom, J., Wasfy, T. A finite element model for real-time compensation of the thermal deformation of the platen of a planar step motor 100182
Ish-Shalom, Y. *see* Adel, M.E. 62346
Ishac, M.F., White, H.B. Effect of tornado loads on transmission lines 89334
Ishchenko, A.A. Laser media based on polymethine dyes 72764
Ishchenko, S.V. *see* Putyatin, E.P. 51704
Ishi, T., Motomura, Y. Dynamic magnetization changes in laminated Permalloy films 50233
Ishiai, I. *see* Hayama, H. 87393
Ishiba, K. *see* Takahara, M. 86401
Ishibai, I. *see* Nohara, M. 58354
Ishibashi, A., Mori, Y. Advances in blue laser diodes 72866
Ishibashi, A. *see* Itoh, S. 56759
Ishibashi, A. *see* Itoh, S. 72879
Ishibashi, A. *see* Kidoguchi, I. 63861
Ishibashi, A. *see* Kondo, K. 83123
Ishibashi, A. *see* Mannoh, M. 63860
Ishibashi, A. *see* Nakayama, N. 50851
Ishibashi, A. *see* Ozawa, M. 72841
Ishibashi, K. Nonlinear eddy current analysis by the integral equation method 83499
Ishibashi, K., Aoyagi, Y., Namba, S., Ochiai, Y., Kawabe, M. Electronic transport in a quasi-ballistic narrow wire confined by split metal gates 71187
Ishibashi, K., Komiyaji, K., Morita, S., Aoto, T., Ikeda, S., Asayama, K., Koike, A., Yamanaka, T., Hashimoto, N., Iida, H., Kojima, F., Motohashi, K., Sasaki, K. A 12.5-ns 16-Mb CMOS SRAM with common-centroid-geometry-layout sense amplifiers 49420
Ishibashi, K., Komiyaji, K., Morita, S., Aoto, T., Ikeda, S., Asayama, K., Koike, A., Yamanaka, T., Hashimoto, N., Iida, H., Kojima, F., Motohashi, K., Sasaki, K. A 12.5 ns 16 Mb CMOS SRAM 70564
Ishibashi, K., Ueda, K., Takasugi, K., Komiyaji, K., Toyoshima, H., Yamanaka, T., Fukami, A., Hashimoto, N., Ooki, N., Shimizu, A., Hashimoto, T., Nagano, T., Nishida, T. A 6-ns 4-Mb CMOS SRAM with offset-voltage-insensitive current sense amplifiers 70536
Ishibashi, K. *see* Baumann, P.K. 81337
Ishibashi, K. *see* Bird, J.P. 55612
Ishibashi, K. *see* Ikeda, S. 92194
Ishibashi, K. *see* Koga, S. 93964
Ishibashi, K. *see* Ochiai, Y. 81325
Ishibashi, K. *see* Tanaka, S. 70666
Ishibashi, K. *see* Yokoyama, S. 55810
Ishibashi, M. *see* Masumura, Y. 63674
Ishibashi, R. *see* Hanaoka, R. 82124
Ishibashi, S. *see* Hamamoto, T. 92209
Ishibashi, S. *see* Hashimoto, M. 82742
Ishibashi, T., Yamashita, M., Tako, T., Yong Chol Li, Hatakeyama, S., Sakamoto, K., Inaba, H., Akimoto, Y. Frequency locking of 543 nm He-Ne laser on iodine spectrum 56611
Ishibashi, T. *see* Ito, H. 55710
Ishibashi, T. *see* Ito, H. 81808
Ishibashi, T. *see* Ito, H. 93353
Ishibashi, T. *see* Kobayashi, T. 91458
Ishibashi, T. *see* Kurishima, K. 81816
Ishibashi, T. *see* Ohnishi, M. 93859
Ishibashi, T. *see* Takezawa, Y. 50520
Ishibashi, T. *see* Yamahata, S. 93359
Ishibashi, Y. Active RC filter based on simulation of dissipative LC filters 49527
Ishibashi, Y., Konishi, M., Honbo, K., Inoue, H., Ikeda, T., Nishira, M. Automatic recording and broadcasting system of program and commercial slots 58543
Ishibashi, Y., Matsumoto, F. A realization of a monolithic integrator with improved high frequency response using a Miller integrator and its application to filters 49537
Ishibashi, Y., Urakawa, H. Leap-frog circuit compensating influence of GB product and second pole of operational amplifier 61789
Ishibashi, Y. *see* Hamamoto, T. 92209
Ishibashi, Y. *see* Nishimura, K. 66028
Ishibashi, Y. *see* Omura, M. 93769
Ishibashi, Y. *see* Sakamoto, H. 51936
Ishibe, T. *see* Matsuno, F. 90452
Ishida, A. *see* Choi, Y.D. 69979
Ishida, A. *see* Hikida, K. 63586
Ishida, A. *see* Sakakibara, S. 54891
Ishida, H., Inoue, H., Shiraishi, Y. A transport network with lightwaves 97276
Ishida, H., Ise, T., Murakami, Y. A GTO device model for analysis of parallel and series operation of GTOs 80106
Ishida, H., Nishimura, E., Mori, H., Yamamoto, K., Ozawa, K., Miyazaki, M., Mitsuyuki, S., Sogawa, Y. A single-chip V.32 bis modem 96890
Ishida, H. *see* Ishii, K. 80688
Ishida, H. *see* Shigehara, M. 94112
Ishida, H. *see* Yamanaka, T. 70510
Ishida, H. *see* Yokoi, T. 91593
Ishida, K. *see* Hattori, T. 99028
Ishida, K. *see* Kirihara, T. 75169
Ishida, K. *see* Kitaura, Y. 93552
Ishida, K. *see* Kunihisa, T. 80783
Ishida, K. *see* Nagamine, K. 76398
Ishida, K. *see* Nagaoka, M. 92572
Ishida, K. *see* Seshita, T. 96942
Ishida, K. *see* Suesada, K. 86794
Ishida, K. *see* Takata, M. 75785
Ishida, M., Fujino, H., Hori, T. Real-time voltage control method of quasi-ZCS series-resonant HF-linked DC-AC converter 90176
Ishida, M., Hayashi, K., Nishigaki, M., Asai, H. Relaxation-based algorithms for bipolar circuit analysis 71772
Ishida, M., Kuriyama, H., Tsutsumi, K., Ipposhi, T., Kohno, Y., Miyoshi, H. Cornerless active area cell and Bi-T-MOS process for sub-half micron SRAMs 70483
Ishida, M., Okamoto, T. Morphological and dielectric changes of XLPE insulation due to thermal aging 78121
Ishida, M., Shirasuka, K., Hori, T. Structure and operation mechanism of a friction-type piezoelectric motor utilizing the principle of strain-wave gearing 68659
Ishida, M., Tomita, T., Tayanaka, H., Nakamura, T. Electron irradiation and selective Si epitaxial growth on Al_2O_3 69987
Ishida, M. *see* Kawahito, S. 67462
Ishida, M. *see* Kitano, N. 68878
Ishida, M. *see* Nomura, K. 60157

Ishida, M. *see* Ohbayashi, S. 92211
Ishida, M. *see* Young-Tae Lee 66237
Ishida, N., Doke, T., Kikuchi, J., Kuwahara, K., Kashiwagi, T., Ichige, M., Hasuike, K., Ito, K., Ben, S., Hitachi, A., Qu, Y.H., Masuda, K., Suzuki, M., Kase, M., Takahashi, T., Chen, M., Gaudreau, M., Sumorok, S., Aprile, E. Measurement of attenuation length of scintillation light in liquid xenon 67339
Ishida, N. *see* Doi, T. 61440
Ishida, N. *see* Kashiwagi, T. 66364
Ishida, N. *see* Marinova, I. 61439
Ishida, N. *see* Oguchi, T. 77417
Ishida, O., Takahashi, H. Loss-imbalance equalisation of arrayed-waveguide grating add-drop multiplexer 75395
Ishida, O., Takahashi, H., Inoue, Y. FDM-channel selection filter employing an arrayed-waveguide grating multiplexer 75506
Ishida, O., Takahashi, H., Suzuki, S., Inoue, Y. Multichannel frequency-selective switch employing an arrayed-waveguide grating multiplexer with fold-back optical paths 97293
Ishida, O. *see* Kuwano, S. 58430
Ishida, S., Takaoka, S., Murase, K., Shirai, S., Serikawa, T. Variable-range hopping in polycrystalline silicon thin-film transistor 49983
Ishida, S. *see* Oshinowo, J. 79818
Ishida, S. *see* Serikawa, T. 55955
Ishida, T., Despagne, P.P., Brumleve, K.J. Making sense out of current sensors 52816
Ishida, T., Kouno, H., Kobayashi, H., Nakato, Y. Dependence of photovoltages of spray-deposited indium tin oxide/silicon oxide/silicon junction solar cells on spray solvents 60452
Ishida, T., Nakagawa, Y., Ono, T., Iizuka, S., Sato, N. Large-diameter reactive plasma produced by a plane electron cyclotron resonance antenna [polysilicon etching] 81528
Ishida, T. *see* Arakaki, T. 85929
Ishida, T. *see* Henmi, N. 97337
Ishida, T. *see* Kawakuoo, T. 76624
Ishida, T. *see* Makino, Y. 89746
Ishida, T. *see* Miyano, I. 82049
Ishida, T. *see* Nishibe, Y. 74638
Ishida, T. *see* Ochi, S. 54963
Ishida, T. *see* Tsujino, N. 100023
Ishida, Y. *see* Hiroi, A. 64566
Ishida, Y. *see* Houya, T. 84576
Ishida, Y. *see* Matsuzawa, H. 63330
Ishida, Y. *see* Yasuda, H. 56619
Ishide, A. *see* Subramanian, R. 97175
Ishido, M. Acoustic-wave-based voltage sensors 87149
Ishido, Y. *see* Matsumoto, T. 96426
Ishifuji, T., Amada, E. Performance evaluation of slow-frequency-hopping spread spectrum transmission in Rayleigh fading indoor channels 86153
Ishigaki, H., Suzuki, T., Kanazawa, M., Ishii, Y., Sasaki, Y. Implementation of international communications network of VOS-TOKTELECOM 51961
Ishigaki, T. *see* Kobayashi, H. 99019
Ishigaki, Y., Kuriyama, H., Honda, H., Kohno, Y., Tsuchimoto, J., Sakamori, S., Kinoshita, A., Hirose, T., Ohbayashi, S., Ashida, M., Matsuo, H., Miyoshi, H. Low parasitic resistance technologies with NES-SAC and SWT-CVD process for low supply voltage, high speed BiCMOS SRAMs 71826
Ishigaki, Y. *see* Ohbayashi, S. 92211
Ishigaki, Y. *see* Shirahama, H. 60488
Ishigame, A. *see* Jianmin Zhao 77969
Ishigame, A. *see* Zhao, J. 89014
Ishigami, H. *see* Amemiya, N. 82316
Ishigami, S., Ishii, S., Shinyashiki, H., Furuya, H., Shingyouji, T. Metal impurity trapping effect by stress at edges of local oxidation of silicon structure 55747
Ishigami, S., Shinyashiki, H., Furuya, H., Shingyouji, T. A study of defect formation mechanism at edges of local oxidation of silicon structure 93152
Ishigami, S. *see* Agatsuma, K. 97964
Ishigami, S.-I. *see* Usami, A. 71237
Ishigami, T., Kanbe, H., Naitoh, Y., Kobayashi, A., Izumi, A., Hanagata, T., Nakajima, K. A 1/2-in progressive-scan CCD image sensor 52945
Ishigami, T. *see* Matsubara, Y. 93275
Ishigohka, T. Feasibility of large capacity DC power transmission cable using high-temperature superconductor 53764
Ishigohka, T., Maruhashi, T., Ninomiya, A. AC loss measurement using LC resonance circuit with superconducting coil 93995
Ishigohka, T. *see* Ninomiya, A. 94029
Ishigure, T., Horibe, A., Nihei, E., Koike, Y. High bandwidth and high numerical aperture graded-index polymer optical fibre 72301
Ishigure, T., Nihei, E., Koike, Y. Graded-index polymer optical fiber for high-speed data communication 75436
Ishiguro, A. *see* Tanaka, Y. 64063
Ishiguro, A. *see* Tanaka, Y. 83455
Ishiguro, H. *see* Kato, K. 64594
Ishiguro, M. *see* Sato, T. 56754
Ishiguro, N. *see* Tanaka, H. 100525
Ishiguro, N. *see* Tanaka, H. 100602
Ishiguro, T. *see* Inuzuka, H. 97865
Ishiguro, T. *see* Saitoh, H. 70087
Ishihara, A., Watanabe, H. Long-wavelength (1072 nm) strained InGaAs quantum-well lasers grown on 1.0° misoriented (111)B GaAs 56752
Ishihara, A. *see* Yanagawa, K. 96949
Ishihara, F. An experiment on the equivalent characteristic impedance of waveguides 94947
Ishihara, F. *see* Kame, T. 80593
Ishihara, F. *see* Suga, T. 64178
Ishihara, F. *see* Suga, T. 73457
Ishihara, H. Plans for an optical access network 86333
Ishihara, H. *see* Fujita, K. 61940
Ishihara, H. *see* Rasikawan, S. 82165
Ishihara, K., Matsuo, K. Development of effective test method of radiant high frequency electromagnetic field immunity (IEC 801-3) 94865
Ishihara, K. *see* Kudor, T. 68610
Ishihara, K. *see* Yamaguchi, M. 49521
Ishihara, M., Shirataki, J. Intelligibility of intermittently eliminated speech waves and its application 73802
Ishihara, M., Tanaka, F. New functions of the high-precision measurement vision SP-3000 76210
Ishihara, M. *see* Asahi, K. 59044
Ishihara, M. *see* Hata, F. 82436
Ishihara, M. *see* Watanabe, K. 94008
Ishihara, N., Akazawa, Y. A monolithic 156 Mb/s clock and data-recovery PLL circuit using the sample-and-hold technique 92438
Ishihara, N. *see* Fujita, K. 61943
Ishihara, N. *see* Ichino, H. 52560
Ishihara, O. *see* Nakatani, M. 71469
Ishihara, S. SOR lithography technology 81734
Ishihara, S. *see* Mori, M. 94223
Ishihara, S. *see* Ohki, S. 75791
Ishihara, S. *see* Shibayama, A. 81735
Ishihara, S. *see* Yanagimachi, T. 63536
Ishihara, T., Ikemoto, Y., Goto, T.A., Tsujimura, A., Ohkawa, K., Mitsuya, T. Optical gain in an inhomogeneously broadened exciton system 50793
Ishihara, T., Kudo, T., Matsuda, H., Takita, Y. Doped perovskite oxide, $PrMnO_3$, as a new cathode for solid-oxide fuel cells that decreases the operating temperature 78802
Ishihara, T., Sagae, K., Shimawaki, H., Sato, N., Yokoo, K., Ono, S. Experiments of 10th cyclotron harmonic peniotron oscillator 92889
Ishihara, T., Tanaka, J., Nakajima, I., Okuda, M., Yamashita, H. Modeling and evaluation of broadband access networks for multimedia services 85769
Ishihara, T. *see* Arimoto, S. 100576
Ishihara, T. *see* Goto, K. 64134
Ishihara, T. *see* Kobayashi, Y. 71527
Ishihara, T. *see* Morikawa, H. 60468
Ishihara, T. *see* Murata, K. 69913
Ishihara, T. *see* Nishikawa, T. 83213
Ishihara, T. *see* Sasaki, H. 78825
Ishihara, Y. *see* Kanamori, M. 51048
Ishihara, Y. *see* Morino, H. 53037
Ishihara, Y. *see* Okuno, S. 98559
Ishihara, Y. *see* Tamura, Y. 63150
Ishii, A. *see* Okita, Y. 82904
Ishii, A. *see* Yamamoto, H. 82262
Ishii, H., Arita, K., Yagi, T. Beyond videophones: TeamWorkStation-2 for narrowband ISDN 75087
Ishii, H., Hashimoto, Y., Yamanishi, K. High-coverage barrier-film formation by an ionized cluster beam 49908
Ishii, H., Kano, F., Tohmori, Y., Kondo, Y., Tamamura, T., Yoshikuni, Y. Broad range (34nm) quasi-continuous wavelength tuning in super-structure-grating DBR lasers 72797
Ishii, H., Kobayashi, M. ClearBoard: a seamless medium for shared drawing and conversation with eye contact 65453
Ishii, H., Kobayashi, M., Grudin, J. Integration of inter-personal space and shared workspace: ClearBoard design and experiments 96833
Ishii, H., Shibata, T., Kosaka, H., Ohmi, T. Hardware-backpropagation learning of neuron MOS neural networks 61858
Ishii, H., Tohmori, Y., Yamamoto, M., Tamamura, T., Yoshikuni, Y. Modified multiple-phase-shift superstructure-grating DBR lasers for broad wavelength tuning 72800
Ishii, H. *see* Fujikami, J. 68254
Ishii, H. *see* Inokawa, H. 93622
Ishii, H. *see* Kosaka, H. 92446
Ishii, H. *see* Kuwano, S. 58430
Ishii, H. *see* Matsumoto, S. 55990
Ishii, H. *see* Sakai, Y. 75167
Ishii, I. *see* Nakashizuka, M. 95777
Ishii, J. *see* Asai, M. 99006
Ishii, K., Ichino, H., Kobayashi, Y., Yamaguchi, C. High-bit-rate, high-input-sensitivity decision circuit using Si bipolar technology 58409
Ishii, K., Ichino, H., Yamaguchi, C. Maximum operating frequency in Si bipolar master-slave toggle flip-flop circuit 70381
Ishii, K., Okamoto, T., Ishida, H., Tanibe, N., Dooi, Y., Maeda, H., Shigaki, M., Katoh, T. S-band 48% efficiency GaAs FET amplifier with 135 W output power for mobile communications satellite 80688
Ishii, K. *see* Fujita, M. 97680
Ishii, K. *see* Kato, K. 84702
Ishii, K. *see* Larsen, J.E. 67294
Ishii, K. *see* Sekigawa, T. 71625
Ishii, K. *see* Shimokawa, R. 100578
Ishii, K. *see* Yamato, J. 95735
Ishii, K. *see* Yamazaki, T. 90671
Ishii, M., Meguro, T., Sugano, T., Gamo, K., Aoyagi, Y. Digital etching by using a laser beam: on the control of digital etching products 71329
Ishii, M., Taga, Y. Time-of-flight scattering and recoiling spectrometry study of plasma-cleaned silicon surface 93160
Ishii, M. *see* Bok-Hee Lee 68907
Ishii, M. *see* Honma, H. 78196
Ishii, M. *see* Kobayashi, M. 98519
Ishii, M. *see* Matsuoka, R. 53773
Ishii, M. *see* Okada, K. 77277
Ishii, M. *see* Rajkovic, M. 89515
Ishii, M. *see* Sato, H. 61392
Ishii, M. *see* Sato, K. 99119
Ishii, M. *see* Yasumoto, K. 72374
Ishii, N., Fukasawa, T., Itoh, K. Analysis of high-T_c superconducting microstrip antenna using modified spectral domain moment method 95000
Ishii, N. *see* Itoh, K. 94034
Ishii, N. *see* Iwahori, Y. 95750
Ishii, O., Terada, A., Ohta, S. Aging effect on coercivity of iron oxide thin films 71965
Ishii, O. *see* Suzuki, N. 93906
Ishii, R. *see* Aoyama, K. 95699
Ishii, R. *see* Iwasaki, K. 70765
Ishii, S. *see* Ishigami, S. 55747
Ishii, S. *see* Kato, Y. 53166
Ishii, S. *see* Ohigashi, N. 53113
Ishii, S. *see* Yuan-Shing Liu 71076
Ishii, S. *see* Yuan-Shing Liu 98722
Ishii, T. Elevators for skyscrapers 90589
Ishii, T., Miyamoto, M., Nagai, R., Nishida, T., Seki, K. 0.3-μm mixed analog/digital CMOS technology for low-voltage operation 93590
Ishii, T. *see* Amaike, S. 68475
Ishii, T. *see* Arai, J. 66695
Ishii, T. *see* Koziol, B. 65354
Ishii, T. *see* Matsuda, S. 55945
Ishii, T. *see* Matsuura, T. 92423
Ishii, T. *see* Osaka, T. 78794
Ishii, T. *see* Oyama, T. 50983
Ishii, T. *see* Yamazaki, T. 90671
Ishii, T. *see* Yano, K. 80330
Ishii, T. *see* Yano, K. 93418
Ishii, T.K. *see* Agili, S.S. 94110
Ishii, T.K. *see* Giakos, G.C. 83777
Ishii, Y. *see* Imanishi, M. 98363
Ishii, Y. *see* Ishigaki, H. 51961
Ishii, Y. *see* Onodera, R. 83079
Ishii, Y. *see* Saitoh, Y. 59022
Ishii, Y. *see* Tsujino, J. 77754
Ishii, Y. *see* Umeda, Y. 80767
Ishii, Y. *see* Umeda, Y. 80817
Ishikama, Y. *see* Uchimura, T. 63347
Ishikawa, A. *see* Kotani, N. 86763
Ishikawa, A. *see* Matsuyama, H. 72099
Ishikawa, A. *see* Matsuyama, H. 76160
Ishikawa, C. *see* Koyama, N. 72113
Ishikawa, E., Fukatsu, S., Onabe, K., Shiraki, Y., Ito, R. Ultrafine AlGaAs/GaAs quantum-well wire fabrication by combining electron beam lithography and two-step wet chemical etching 71193
Ishikawa, F. *see* Higasa, H. 54194
Ishikawa, G. *see* Naito, T. 97347
Ishikawa, H., Eguchi, H., Fukai, S. Effect of finite gain-bandwidth product of opamp on the driving-point impedance circuit by Horn and Moschytz [filters] 70723
Ishikawa, H., Kobayashi, H. A novel selection diversity method with decision feedback equalizer 65703
Ishikawa, H., Kobayashi, H., Mizuno, T. Application of differential GPS technique to terrestrial mobile communication systems 97489
Ishikawa, H., Suemune, I. Analysis of temperature dependent optical gain of strained quantum well taking account of carriers in the SCH layer 50830
Ishikawa, H. *see* Ido, H. 48790
Ishikawa, H. *see* Kuwatsuka, H. 94614
Ishikawa, H. *see* Sakai, T. 78798
Ishikawa, H. *see* Senba, K. 90221
Ishikawa, H. *see* Shoji, H. 94504
Ishikawa, I. *see* Tanida, M. 92654
Ishikawa, J. Negative-ion source for implantation and surface interaction of negative-ion beams 53224
Ishikawa, J., Ito, N., Morinaga, A. Accurate wavelength measurement of the intercombination line of calcium 56641
Ishikawa, J. *see* Gotoh, Y. 53249
Ishikawa, J. *see* Ito, N. 75827
Ishikawa, J. *see* Miyake, K. 53235
Ishikawa, J. *see* Tsuji, H. 53202
Ishikawa, J. *see* Tsuji, H. 67266
Ishikawa, J. *see* Yamaguchi, M. 83345
Ishikawa, K. *see* Bong-Hwan Oh 89298
Ishikawa, K. *see* Kajita, J. 72467
Ishikawa, K. *see* Nakanishi, T. 58594
Ishikawa, K. *see* Ohmi, M. 63685

Ishikawa, K. *see* Ohmi, M. 94436
Ishikawa, K. *see* Shingu, H. 97483
Ishikawa, K. *see* Thorpe, L.J. 75733
Ishikawa, M. System architecture for integrated optoelectronic computing 56493
Ishikawa, M., Fujii, N. A synthesis of low-sensitivity leapfrog SCF 70731
Ishikawa, M., Morita, M., Ihara, M., Matsuda, Y. Electric double-layer capacitor composed of activated carbon fiber cloth electrodes and solid polymer electrolytes containing alkylammonium salts 70946
Ishikawa, M. *see* Hashizume, T. 81369
Ishikawa, M. *see* Hatoh, H. 87367
Ishikawa, M. *see* Kawano, H. 78747
Ishikawa, M. *see* Kirk, A.G. 73132
Ishikawa, M. *see* Lester, G. 82739
Ishikawa, M. *see* Matsuo, T. 54156
Ishikawa, M. *see* Matsuo, T. 69018
Ishikawa, M. *see* Nishikawa, Y. 48941
Ishikawa, M. *see* Rennie, J. 63601
Ishikawa, M. *see* Saito, S. 54915
Ishikawa, M. *see* Shimojo, M. 52821
Ishikawa, M. *see* Suzuki, N. 94481
Ishikawa, M. *see* Tsukahara, T. 92628
Ishikawa, N., Fujii, Y., Shinohara, Y. Improvement of ultrasonic synthetic aperture imaging via deconvolution preprocessing 84939
Ishikawa, N., Kasai, N., Kado, H., Koyanagi, M., Higuchi, M. Evaluation method of shielding performance of cubic magnetically shielded room—simulation of magnetic field analysis with finite element method 64170
Ishikawa, N. *see* Asakawa, Y. 75128
Ishikawa, N. *see* Aso, T. 55691
Ishikawa, N. *see* Komaki, Y. 93242
Ishikawa, O. *see* Kunihisa, T. 80783
Ishikawa, O. *see* Maeda, M. 97066
Ishikawa, S. II. A success of advanced AC drive system for NOZOMI 69160
Ishikawa, S., Ogami, Y., Kato, K. Pattern association from noisy images by the network constraint analysis 95824
Ishikawa, S. *see* Ablameyko, S. 84847
Ishikawa, S. *see* Katayama, H. 55682
Ishikawa, S. *see* Morioka, M. 96612
Ishikawa, T., Bowers, J.E. Band lineup and in-plane effective mass of InGaAsP or InGaAlAs on InP strained-layer quantum well 62236
Ishikawa, T., Furuta, H. $LiNbO_3$ optical waveguide modulator for bidirectional transmission 50555
Ishikawa, T., Nagarajan, R., Bowers, J.E. Analysis of the effects of doping and barrier design on the small-signal modulation characteristics of long-wavelength multiple quantum well lasers 94482
Ishikawa, T. *see* Ikeno, H. 78385
Ishikawa, T. *see* Inoue, A. 70900
Ishikawa, T. *see* Lee, T.H. 92231
Ishikawa, T. *see* Masumura, Y. 63674
Ishikawa, T. *see* Nabetani, Y. 69977
Ishikawa, T. *see* Osaka, F. 93191
Ishikawa, T. *see* Sato, T. 61703
Ishikawa, T. *see* Takahashi, A. 72297
Ishikawa, Y. Energy-saving effect of heating/cooling system by illuminant color 60625
Ishikawa, Y., Shibata, N. Formation mechanisms of dislocation and Si island in low-energy SIMOX 71298
Ishikawa, Y., Tamura, H., Nishikawa, T., Wakino, K. Extremely low distortion dielectric ceramics 63042
Ishikawa, Y. *see* Saito, G. 97333
Ishikawa, Y. *see* Wakino, K. 70832
Ishikura, K., Takeuchi, A., Kurihara, M., Machida, H., Hasegawa, F. Growth condition dependence of carbon reduction in GaAs chemical beam epitaxy using trisdimethylamino-arsine and trimethylgallium 54869
Ishikura, K. *see* Suzuki, N. 97644
Ishikura, T. *see* Yoshino, K. 67892
Ishimaru, A., Phu, P., Kuga, Y. Pulse beam wave scattering from one-dimensional very rough surfaces: experimental and numerical studies 73292
Ishimaru, A. *see* Phu, P. 94774
Ishimaru, I. *see* Matsuoka, F. 92220
Ishimaru, K., Gojohbori, H., Koike, H., Unno, Y., Sai, M., Matsuoka, F., Kakumu, M. Trench isolation technology with 1 μm depth n- and p-wells for a full-CMOS SRAM cell with a 0.4 μm n^+/p^+ spacing 71784
Ishimaru, K. *see* Masuda, K. 67337
Ishimaru, K. *see* Yabe, T. 70566
Ishimaru, N. *see* Sakamoto, Y. 78795
Ishimaru, N. *see* Sakamoto, Y. 78796
Ishimaru, T. *see* Ogawa, T. 71457
Ishimaru, Y. *see* Miyazaki, T. 88402
Ishimori, S. *see* Kondoh, A. 77526
Ishimoto, C. *see* Ohnishi, M. 93859
Ishimoto, C. *see* Ohnishi, M. 98165
Ishimoto, H., Fujita, K. Dynamic program updating in packet switching systems 96784
Ishimoto, J. *see* Okubo, M. 100778
Ishimoto, K. *see* Kumagai, Y. 69957
Ishimoto, R., Ohishi, S., Tashiro, I., Ihata, Y. Operating results of 1000 MW oil and natural gas fired variable pressure operation once-through steam generator for Hirono Power Station No. 4 unit, Tokyo Electric Power Company 68451
Ishimoto, R., Ozawa, M., Yamamoto, T., Kuwahara, M. Operating results of 700 MW coal fired supercritical once-through steam generator for Hekinan Power Station No. 3 boiler, Chubu Electric Power Co., Inc. with elevated reheat steam temperature: 596°C 68450
Ishimura, E. *see* Kaneko, S. 83084
Ishimura, E. *see* Mihashi, Y. 63606
Ishimura, E. *see* Mizuochi, T. 65850
Ishimura, E. *see* Mizuochi, T. 86359
Ishino, K. *see* Choi, Y.D. 69979
Ishino, K. *see* Hashimoto, O. 51073
Ishino, K. *see* Hikida, K. 63586
Ishino, K. *see* Sakakibara, S. 54891
Ishino, M., Kito, M., Yamane, S., Fujihara, K., Otsuka, N., Sat, H., Matsui, Y. 1.3 μm strained-layer MQW-DFB laser with low noise and low distortion characteristics for 100-channel CATV transmission 97666
Ishino, M. *see* Fujihara, K. 94488
Ishino, M. *see* Kito, M. 72849
Ishioka, T. *see* Shima, T. 92436
Ishitani, A. *see* Ando, K. 70504
Ishitani, A. *see* Hattori, S. 91438
Ishitani, A. *see* Hisamune, Y.S. 92186
Ishitani, A. *see* Kamiyama, S. 49435
Ishitani, A. *see* Kamiyama, S. 93536
Ishitani, A. *see* Kanamori, K. 92205
Ishitani, A. *see* Takahagi, T. 81517
Ishitani, T., Umemura, K., Kawanami, Y. Liquid metal ion sources: normalization of virtual source size and angular ion intensity 59050
Ishitsuka, M., Kasuya, H. An all-zero voicing source model for speech synthesis 95278
Ishiuchi, H. *see* Chang, P.S.-T. 62852
Ishiuchi, H. *see* Nesbit, L. 92191
Ishiura, N. *see* Choi, H. 80232
Ishiwa, N., Okazaki, H. An expert system for planning private networks 86002
Ishiwara, H. *see* Aizawa, K. 93709
Ishiwara, H. *see* Tokumitsu, E. 93711
Ishiwari, S. *see* Shimizu, H. 93067
Ishiwata, H. *see* Sato, K. 99119
Ishiwata, N. *see* Makino, S. 50261
Ishiwata, N. *see* Okumura, T. 50345
Ishiwata, O. *see* Nakanishi, J. 81341
Ishiwata, S., Nishihara, A., Fujii, N. T-cascade wave digital filters with zero sensitivity at each matching point for arbitrary transfer functions 80433
Ishiwata, S. *see* Demura, T. 92280
Ishiyama, A., Kim, S.B., Takahashi, T. Permissible disturbance energies in filled and unfilled high-performance superconducting magnets 82491
Ishiyama, A., Shimizu, K., Sakahara, A. An optimal design method for multi-section superconducting magnets using modified simulated annealing 82496
Ishiyama, A., Sukegawa, N., Takahashi, Y., Takeuchi, K., Takeshita, F. Characteristics of super heat resistant wire 68248
Ishiyama, A. *see* Kawabata, S. 89301
Ishiyama, A. *see* Tsuda, M. 89305
Ishiyama, A. *see* Tsuda, M. 93916
Ishiyama, K. *see* Arai, K.I. 63245
Ishiyama, K. *see* Kim, Y.H. 71988
Ishiyama, K. *see* Kim, Y.H. 72168
Ishiyama, K. *see* Ohkawa, M. 72042
Ishiyama, M., Kamichika, R., Ogawa, J., Neki, I., Yagaki, T., Kanda, Y., Shiino, M., Takakura, D. Automation of plate bending process by line heating 69236
Ishizaka, C., Yoneyama, T., Fukuno, A. Magnetic properties and phase transfer of $SmFe_2$ and $SmFe_3$ intermetallic compounds by nitrogenation 50201
Ishizaka, K. *see* Kanie, H. 69993
Ishizaka, K. *see* Sheldon, I. 97696
Ishizaka, T., Yamaji, K., Kaya, Y. Economic evaluation of a cogeneration system in urban areas with variable demand distribution 68418
Ishizaki, K. *see* Huybrechts, B. 71123
Ishizaki, N. *see* Ohuchi, M. 61758
Ishizaki, T., Uwano, T. A stepped impedance comb-line filter fabricated by using ceramic lamination technique 92472
Ishizaki, Y. *see* Kojima, T. 91141
Ishizawa, M. *see* Ohshima, K. 54268
Ishizu, K. *see* Nakayama, A. 91595
Ishizu, M. *see* Kasai, K. 50786
Ishizu, M. *see* Yoshikado, S. 59588
Ishizuka, H., Nakahara, Y., Kawasaki, S., Sakamoto, K., Watanabe, A., Ogiwara, N., Shiho, M. Ultrahigh-brightness microbeams: considerations for their generation and relevance to FEL 63887
Ishizuka, H., Okuyama, K., Kubota, K. Photon emission study of ESD protection devices under second breakdown conditions 62779
Ishizuka, H. *see* Kawasaki, S. 66805
Ishizuka, H. *see* Shiho, M. 50886
Ishizuka, K. *see* Jun Chen 94675
Ishizuka, K. *see* Lai, G. 58950
Ishizuka, M. A thermal design approach for electronic equipment by use of a personal computer and flow visualization 79414
Ishizuka, M., Amaya, K. Magnetic measurements under ultrahigh pressure 76168
Ishizuka, M., Araki, J., Sugahara, T., Mizobe, N. High-frequency operated fluorescent lamp "HF fluorescent lamp" 60608
Ishizuka, M. *see* Hasegawa, O. 96004
Ishizuka, M. *see* Iwasaki, H. 91081
Ishizuka, M. *see* Ying-Jieh Huang 64608
Ishizuka, O. *see* Matsumoto, H. 92314
Ishizuka, S. *see* Matsushima, T. 100439
Ishizuka, T. *see* Torikai, D. 87611
Ishizuka, Y. *see* Yamashita, H. 97663
Ishkalov, Zh. *see* Vasil'ev, V.A. 50667
Ishkhanov, B.S. *see* Shvedunov, V.I. 76343
Ishu, N. *see* Nagatsuka, M. 64248
Isidoro, D. *see* Calvez, J.P. 85395
Isik, C. Coplanar transmission line antenna and feed circuit configuration 57312
Isik, C. *see* Boshers, A. 68408
Isimaru, Y. *see* Itoh, H. 76797
Iskam, V.Ya. The noise immunity of the reception of a block of symbols in channel with fluctuation noise and concentrated interference 83888
Iskandar, A. *see* Dagen, A.J. 52260
Iskander, C. *see* Scerri, E. 53970
Iskander, M.F., Smith, R.L., Andrade, A.O.M., Kimrey, H., Jr., Wal, L.M. FDTD simulation of microwave sintering of ceramics in multimode cavities 61425
Iskhakov, K.A. *see* Balychenko, A.A. 69978
Iskierka, S. *see* Bokota, A. 79751
Iskigami, T. *see* Horiuchi, T. 71421
Islam, A., Ahmad, N. Optimal design of accelerated life tests for the Weibull distribution under periodic inspection and type I censoring 61041
Islam, A.S., Craig, K.C. Active damage mitigation in composite structure by actuation of piezoceramic patches 82212
Islam, A.S., Craig, K.C. Damage detection in composite structures using piezoelectric materials [and neural net] 91658
Islam, F.F., Tamaru, K. High speed merged multiplication 70600
Islam, G.S., Haque, A.K.F. Measurement of mixed radon and thoron daughter concentrations using alpha and beta activities filtered from air 99026
Islam, M. *see* Al-Jarallah, M.I. 88200
Islam, M.N. Ultrafast switching with nonlinear optics 65790
Islam, M.R., Exell, R.H.B. Navigation of NOAA APT images 67825
Islam, M.R. *see* Chelakara, R.V. 83040
Islam, M.Rabiul *see* Rabiul Islam, M.
Islam, M.S., Tuncer, E., Neikirk, D.P. Accurate model for Schottky-contacted coplanar waveguide including finite epilayer resistance effects 57168
Islam, M.S. *see* Tuncer, E. 83778
Islam, R. *see* Rao, D.R. 91630
Islam, S.K., Jain, F.C. Modeling of parabolic quantum well wire channels for modulation-doped field-effect transistors 71621
Islam, S.K. *see* Gokhale, M. 62973
Islamov, R.T. Using Markov reliability modelling for multiple repairable systems 61026
Isles, J. Hybrid cooling towers keep Deeside plume free 68477
Ismaeel, A.A. Stuck fault test generation for dynamic CMOS 70348
Ismail, B.B. *see* Deraman, K. 71133
Ismail, E. *see* Hong, J. 60356
Ismail, E.H., Erickson, R.W. A new class of low cost three-phase high quality rectifiers with zero-voltage switching 54083
Ismail, I. *see* Mannan, S.H. 80994
Ismail, I. *see* Noor, N.M. 77265
Ismail, K., Chu, J.O., Saenger, K.L., Meyerson, B.S., Rausch, W. Modulation-doped n-type Si/SiGe with inverted interface 79892
Ismail, K. *see* Stoger, G. 55591
Ismail, M., Brannen, R., Takagi, S., Fujii, N., Khachab, N.I., Khan, R., Aaserud, O. Configurable CMOS multiplier/divider circuits for analog VLSI 49590
Ismail, M. *see* Shu-Chuan Huang 92427
Ismail, N., O'Shaughnessy, D. Outdoor compact fluorescent applications using DC power 69192
Ismail, S. *see* Higdon, N.S. 99175
Ismail, T.B., O'Brien, K., Jerraya, A. Interactive system-level partitioning with PARTIF 49085
Ismailov, M.M., Mun, G.V., Petrenko, A.A., Arkhipov, I.A., Strel'tsov, A.Yu. Laser-Doppler fluid meter 53081
Ismailov, M.M., Mun, G.V., Petrenko, A.A., Strel'tsov, A.Yu. Diode thermal anemometric flow meter 52802
Ismailov, Y. *see* Reichert, F. 86151
Ismailov, Y. *see* Ronngren, R. 74960
Ismert, M. *see* Adam, J.F. 74988
Isnard, L. *see* Cleton, F. 81318
Isnard, L. *see* Xing, Q.J. 72891
Iso, H. *see* Masuda, K. 67337
Iso, H. *see* Sakamoto, M. 59077
Iso, K.j. Speech recognition using dynamical model of speech production 84030
Iso, M., Fujii, K., Miyamoto, M., Hayakawa, T., Tonegawa, R., Kobayashi, T., Suzuki, H., Yano,

S., Sumiya, S., Iwata, T., Ohhata, K. Development and installation of optical fiber incorporated oil-filled submarine cable 99704
Iso, T. *see* Shizawa, M. 96027
Iso, Y. *see* Noda, M. 86684
Isobe, H. *see* Ikehara, M. 84197
Isobe, S., Naito, H., Takeuchi, M., Isogai, M., Kawamata, F., Ohmori, S. Experimental advanced mobile satellite communications system in MM-wave and Ka-band using Japan's COMETS 75356
Isobe, S. *see* Naito, H. 80148
Isobe, S. *see* Yamamuro, M. 52006
Isobe, T., Yamashita, F. Forty years in solar radio observations at Hiraiso 58520
Isobe, T. *see* Kai, K. 52675
Isobe, T. *see* Kondo, T. 58521
Isobe, T. *see* Kondo, T. 86633
Isobe, Y. *see* Tsuruno, R. 88445
Isogai, E., Hirose, K. Nonparametric recursive kernel estimators of distribution functions 54664
Isogai, M. *see* Isobe, S. 75356
Isogai, M. *see* Shikatani, M. 88726
Isogai, Y., Miyayama, M., Yanagida, H. Piezoelectric actuator responsive to environmental humidity 71876
Isokawa, T. *see* Takayanagi, I. 98095
Isomura, M. *see* Hishikawa, Y. 100581
Isomura, S. *see* Chichibu, S. 61307
Isomura, S. *see* Chichibu, S. 62213
Isomura, S. *see* Chichibu, S. 79822
Isomura, S. *see* Gupta, A. 61357
Isomura, S. *see* Murakami, T. 62207
Isomura, S. *see* Ogawa, A. 61228
Isomura, S. *see* Shirakata, S. 54916
Isomura, S. *see* Shirakata, S. 63571
Isomura, S. *see* Shirakta, S. 62210
Isono, I. *see* Kotsuka, Y. 98873
Isono, T., Yoshida, K., Takahashi, Y., Nishi, M., Sugimoto, M., Koizumi, N., Nakajima, H., Hamada, K., Kawano, K., Kato, T., Hiyama, T., Oshikiri, M., Hanawa, H., Seki, S., Wakabayashi, H., Tsukamoto, H., Wadayama, U., Hosono, H., Sasaki, T., Miyake, A., Ebisu, H., Iwamoto, S., Okuno, K., Ando, T., Tsuji, H., Nelson, R.J. Development of full-scale conductors for the ITER Central Solenoid Scalable Model Coils 82466
Isono, T. *see* Nakajima, H. 72261
Isono, T. *see* Nishi, M. 72260
Isono, T. *see* Nishi, M. 93992
Isono, T. *see* Takahashi, Y. 72219
Isotani, R. *see* Watanabe, T. 64327
Isoya, A. A low-energy and low-emittance ion beam source for use with the super-microbeam production system 53280
Isozaki, M. *see* Genji, T. 78746
Isozumi, Y. *see* Ito, S. 88004
Ispasoiu, R.G., Fox, A.M., Foxon, C.T., Cunningham, J.E., Jan, W.Y. Optical studies of resonant and non-resonant tunnelling in $GaAs/Al_xGa_{1-x}As$ quantum wells 62272
Israel, D. *see* Hand, J.W. 98939
Israel, W.F. *see* Bishop, M.T. 89230
Israeli, A., Shaham, A., Shirazi, A. Linear-time snapshot protocols for unbalanced systems 74735
Israelsen, P.D. *see* Sitaram, V.S. 95992
Israelsson, H., Askne, J. The effect of leaning trunks on forest radar backscattering 77707
Israelsson, H., Askne, J., Sylvander, R. Multitemporal analysis of a boreal forest using ERS-1 and JERS-1 SAR data 77632
Issa, A.A. *see* Ghassemlooy, Z. 64259
Issa, K. *see* Lebedev, A.S. 78861
Issakov, V. *see* Badier, J. 87982
Issasukhel' Sarkhan atef *see* Sarkhan atef Issasukhel'
Isshiki, H., Yamamoto, Y. Instrument for monitoring arousal level using electrodermal activity 98903
Isshiki, H. *see* Iwai, S. 69965
Isshiki, H. *see* Nakamura, T. 98758
Isshiki, T. *see* Darnauer, J. 71007
Isshiki, T. *see* Koseki, K. 70172
Istorik, B.L., Shpolyanskii, Yu.B. Prospects of using an orthogonal turbine at low-head hydro developments 78493
Istrate, G. Self-reading sequences 54671
Istvan, C.Szabo *see* Szabo Istvan, C.
Isu, T. *see* Gotoda, M. 61300
Isu, T. *see* Imaizumi, M. 69985
Isu, T. *see* Ohtsuka, K. 71108
Isu, T. *see* Tsuboi, N. 48938
Isu, T. *see* Tsuboi, N. 61267
Isupov, V.A. Peculiarities of current through systems of antiferroelectric and ferroelectric capacitors 50161
Itabashi, S. *see* Hosokawa, T. 87639
Itabe, T. *see* Sugimoto, N. 67826
Itada, Y. *see* Sakamoto, Y. 64715
Itagaki, K., Koshibe, T., Kitamura, H. Minimum firing voltage characteristics of triggered vacuum gap 92857
Itagaki, M. *see* Nakamura, K. 97992
Itahara, H. *see* Watanabe, Y. 77194
Itaki, Y. *see* Ara, K. 58912
Itakura, F. *see* Kajita, S. 95282
Itakura, K. *see* Toyoda, Y. 97661
Itakura, M. *see* Nakayama, R. 71969
Itakura, T. Effects of the sampling pulse width on the frequency characteristics of a sample-and-hold circuit 70795
Itakura, T., Shima, T., Yamada, S., Minamizaki, H. A wide-band LCD segment driver IC without sacrificing low output-offset variation 52996
Itakura, T. *see* Ogata, R. 73455
Itakura, T. *see* Shima, T. 92436
Itami, T. *see* Shinohara, H. 100017
Itami, T. *see* Yuyama, S. 100022
Itani, T., Iwasaki, H., Fujimoto, M., Kasama, K. Dissolution characteristics optimization of chemically amplified positive resist 81623
Itani, T. *see* Iwasaki, H. 81626
Itano, A., Kumada, M., Sato, K., Noda, K., Takada, E., Kanazawa, M., Sudou, M., Hirao, Y., Endo, K., Sakurabata, H., Tonooka, T. HIMAC synchrotron magnets 87686
Itano, A. *see* Kumada, M. 68748
Itano, A. *see* Murakami, T. 76296
Itatani, R. *see* Ryoko, M. 66636
Itatani, R. *see* Ryoko, M. 100929
Itaya, E. *see* Kume, T. 52351
Itaya, K., Sugawara, H., Hatakoshi, G. InGaAlP visible light laser diodes and light-emitting diodes 72824
Itaya, K. *see* Sugawara, H. 94288
Itaya, Y. *see* Akahori, Y. 72656
Itaya, Y. *see* Kato, K. 72594
Itaya, Y. *see* Matsumoto, S. 72910
Itaya, Y. *see* Sakai, Y. 83107
Itaya, Y. *see* Tohmori, Y. 83113
Itayama, K. *see* Iwamura, E. 91635
Itazaki, N., Naitoh, H., Kinoshita, K. Test pattern generation for crosstalk faults considering the gate delay 70349
Ito, A., Church, M.D., Choong-Sun Rhee, Johnston, J.M., Gasner, J.T., Ligon, W.A., Begley, P.A., DeJong, G.A. A fully complementary BiCMOS technology for 10 V mixed-signal circuit applications 71825
Ito, A., Makino, S. A new word pre-selection method based on an extended redundant hash addressing for continuous speech recognition 84034
Ito, A. *see* Chen, Y. 95271
Ito, A. *see* Kaneko, A. 72402
Ito, A. *see* Makino, S. 64394
Ito, A. *see* Otsuki, T. 51386
Ito, A. *see* Otsuki, T. 95865
Ito, A. *see* Usami, A. 71237
Ito, C.R. *see* Reston, R.R. 81976
Ito, F., Hirayama, H. Second-harmonic generation from $SiO_2/Si(111)$ interfaces 94650
Ito, F., Kitayama, K., Nakao, O. Gain constant of two-wave mixing in periodically poled photorefractive crystal waveguide 63934
Ito, H. WSI network design and its evaluation using yields 56049
Ito, H., Hayashibe, R., Terashima, T. An application of a negative-capacitor-circuit and a capacitance-scaling-circuit to humidity sensor 66315
Ito, H., Nagata, K., Nakajima, O., Ishibashi, T. Influence of minority hole injection on current gain characteristics in AlGaAs/GaAs heterojunction bipolar transistors 93353
Ito, H., Watanabe, N., Nittono, T., Furuta, T., Ishibashi, T. Influence of substrate misorientation on current gain in AlGaAs/GaAs heterojunction bipolar transistors grown by metal organic chemical vapor deposition 81808
Ito, H., Watanabe, N., Nittono, T., Ishibashi, T. Influence of substrate misorientation on carbon incorporation in GaAs by metal organic chemical vapor deposition 55710
Ito, H. *see* Egawa, K. 78174
Ito, H. *see* England, J. 71291
Ito, H. *see* Horikawa, T. 49436
Ito, H. *see* Matsuda, T. 89377
Ito, H. *see* Nakata, S. 49754
Ito, H. *see* Nittono, T. 93586
Ito, H. *see* Ohashi, M. 73119
Ito, H. *see* Pomerene, A. 81597
Ito, H. *see* Sato, B.K. 56165
Ito, H. *see* Takagi, H. 56030
Ito, H. *see* Watanabe, N. 48997
Ito, J. *see* Nakata, S. 49754
Ito, K. Trends in fiber-optic communication systems at Mitsubishi Electric 86353
Ito, K., Furuya, K., Takada, J., Kasai, H. Analysis of SAR distribution produced by a coaxial-slot antenna for hyperthermia considering the effect of boundary surface 53451
Ito, K., Helmfrid, S., Tatsuno, K. Experimental study on a second-harmonic intensity modulator with quasi-phase-matched optical waveguides 83248
Ito, K., Lucke, L.E., Parhi, K.K. Module selection and data format conversion for cost-optimal DSP synthesis 92412
Ito, K., Moriyasu, M. Photoablating characteristics of polymers irradiated by excimer laser with high repetition rates 90885
Ito, K., Shiba, T., Yokoyama, R. Optimal operation of a cogeneration plant in combination with electric heat pumps 53944
Ito, K., Shiba, T., Yokoyama, R., Sakashita, S. An optimal operational advisory system for a brewery's energy supply plant 54275
Ito, K., Shiraishi, K. Preparation conditions of CdS thin films by flowed liquid film method 91547
Ito, K., Tamaru, K. CdS thin film preparation by the flowed liquid film method [for solar cells] 61327
Ito, K., Tamura, S., Okimura, K., Sonoda, R., Hata, K. Fluorescent lamp with outside electrode for business machine 60609
Ito, K. *see* Bachmann, K.J. 61265
Ito, K. *see* Hamada, S. 81589
Ito, K. *see* Inoue, K. 82485
Ito, K. *see* Ishida, N. 67339
Ito, K. *see* Matsumoto, H. 89783
Ito, K. *see* Mizuno, K. 81684
Ito, K. *see* Mizuochi, T. 65850
Ito, K. *see* Ogawa, Y. 92977
Ito, K. *see* Ono, M. 98854
Ito, K. *see* Pu, G. 94161
Ito, K. *see* Shirasaki, S. 58082
Ito, K. *see* Takada, J. 94999
Ito, K. *see* Takai, A. 52558
Ito, K. *see* Tokumasu, T. 89793
Ito, K. *see* Uenishi, S. 100459
Ito, K. *see* Yamamura, Y. 69173
Ito, M., Miki, T., Hosotani, S., Kumamoto, T., Yamashita, Y., Kijima, M., Okada, K. A 10b 20 Ms/s 3 V-supply CMOS A/D converter for integration into system VLSIs 92321
Ito, M. *see* Blankespoor, S.C. 88335
Ito, M. *see* Blankespoor, S.C. 98723
Ito, M. *see* Derenzo, S.E. 59224
Ito, M. *see* Derenzo, S.E. 67404
Ito, M. *see* Hamamoto, K. 76930
Ito, M. *see* Kawarada, H. 81979
Ito, M. *see* Kyushima, H. 81159
Ito, M. *see* Kyushima, H. 92908
Ito, M. *see* Kyushima, H. 98704
Ito, M. *see* Machida, N. 58559
Ito, M. *see* Scheckler, E.W. 71453
Ito, M. *see* Tubouchi, M. 89353
Ito, M. *see* Yamazaki, T. 90671
Ito, M.R. *see* Davidson, G.W. 77620
Ito, M.R. *see* Elnaggar, A. 49215
Ito, M.R. *see* Lam, R. 57973
Ito, M.R. *see* Stevens, D.R. 77245
Ito, N., Ando, Y. An integrated automation control system for power plant applications 79045
Ito, N., Fukuda, H., Nakashima, Y. Preparation of formylated Novolacs and their photoreaction 79996
Ito, N., Ishikawa, J., Morinaga, A. Evaluation of the optical phase shift in a Ca Ramsey fringe stabilized optical frequency standard by means of laser-beam reversal 75827
Ito, N., Kayashima, S., Kimura, J., Kuriyama, T., Arai, T., Kikuchi, M., Nagata, N. Development of a transcutaneous blood-constituent monitoring method using a suction effusion fluid collection technique and an ion-sensitive field-effect transistor glucose sensor 67446
Ito, N., Okamoto, T. Note on Hadamard tournaments of Szekeres type 48799
Ito, N. *see* Ishikawa, J. 56641
Ito, N. *see* Kato, A. 82808
Ito, N. *see* Saito, A. 98122
Ito, R. *see* Ishikawa, E. 71193
Ito, R. *see* Jie Wu 83286
Ito, R. *see* Takahashi, H. 94637
Ito, S., Hazama, H., Kamo, T., Miyazaki, H., Sato, H., Hayashi, K., Shigemitsu, H., Mori, I. Optimization of optical properties for single-layer halftone masks 71463
Ito, S., Nakamura, K., Sugai, H. Radical control by wall heating of a fluorocarbon etching reactor 93153
Ito, S., Oguchi, T. Circular depolarisation ratio of radar returns from rain: validity of the second-order solution of RT equation 75588
Ito, S., Tosaki, M., Maeda, N., Katano, R., Isozumi, Y. Gas amplification of proportional and SQS modes observed as a function of the radial distance of the position of primary ionization 88004
Ito, S. *see* Kamikado, T. 88565
Ito, S. *see* Kawase, Y. 83555
Ito, S. *see* Kawase, Y. 83556
Ito, S. *see* Kondo, K. 83123
Ito, S. *see* Matsubara, Y. 93275
Ito, S. *see* Nakamura, Y. 54163
Ito, S. *see* Sakiyama, S. 70706
Ito, S. *see* Sekkat, Z. 82747
Ito, S. *see* Shirasaki, S. 58082
Ito, S. *see* Yamazaki, T. 78166
Ito, T. Thermal hysteresis of phase retardation in polarization maintaining optical fibers 87255
Ito, T., Fujimura, S. Simultaneous measurement of temperature and absorption of distributed medium by using infrared emission CT 98335
Ito, T., Yabe, T., Okazaki, M., Yanagi, M. Special-purpose computer HORN-1 for reconstruction of virtual image in three dimensions 83371
Ito, T. *see* Ashida, A. 61358
Ito, T. *see* Ashida, A. 79930
Ito, T. *see* Fujino, Y. 68642
Ito, T. *see* Goto, K. 49923
Ito, T. *see* Hachiuma, Y. 93004
Ito, T. *see* Hasebe, N. 59057
Ito, T. *see* Ichihara, T. 59299
Ito, T. *see* Igarashi, Y. 71432

Ito, T. *see* Imai, K. 51851
Ito, T. *see* Kato, A. 93302
Ito, T. *see* Nakayama, T. 100409
Ito, T. *see* Ohya, Y. 93717
Ito, T. *see* Okamura, M. 59023
Ito, T. *see* Sakata, M. 71377
Ito, T. *see* Sugimoto, F. 71401
Ito, T. *see* Tanaka, M. 86256
Ito, T. *see* Yamazaki, T. 93422
Ito, T. *see* Yara, T. 79949
Ito, Y., Iwata, M., Kawauchi, S. Digital control method using full-order observer on three-phase inverter for UPS 60294
Ito, Y., Kanno, Y., Kawauchi, S. Source voltage sensor-less digital control using observer for PWM converter 100273
Ito, Y., Kushida, K., Kanda, H., Takeuchi, H., Sugawara, K., Onozato, H. Thin-film ZnO ultrasonic transducer arrays for operation at 100 MHz 59615
Ito, Y., Kushida, K., Sugawara, K., Takeuchi, H. High-frequency ultrasonic transducer arrays using ZnO thin films 99329
Ito, Y., Miyauchi, K. Characteristics of a PSK channel with Butterworth transmitting and receiving filters, in case of delay equalization 83895
Ito, Y. *see* Gillick, L. 84071
Ito, Y. *see* Ohhori, A. 69171
Ito, Y. *see* Roth, R. 84111
Ito, Y. *see* Shinonaga, H. 97185
Ito, Y. *see* Xie, G. 54149
Itoga, T. *see* Hiraiwa, A. 56059
Itoga, T. *see* Saiki, A. 62438
Itoh, A., Akita, H., Kimoto, T., Matsunami, H. High-quality 4H-SiC homoepitaxial layers grown by step-controlled epitaxy 79815
Itoh, A. *see* Iwaski, S. 96930
Itoh, A. *see* Nakagawa, K. 72064
Itoh, A. *see* Ohmori, K. 72071
Itoh, C. *see* Matsumoto, T. 96426
Itoh, E., Fukuda, A., Iwamoto, M. Electrostatic phenomena in polyimide Langmuir-Blodgett films 94736
Itoh, E. *see* Fukuda, A. 62337
Itoh, H. Optical fuzzy inference system using beam-scanning laser diodes 63524
Itoh, H., Isimaru, Y., Takeuchi, U. Development of the image analysis system for detection of weak α radiations 76797
Itoh, H., Mori, M., Mori, N., Abe, T. Production cost estimation of solid oxide fuel cells 60439
Itoh, H., Tanabe, H., Winau, D., Schmid, A.K., Ichinokawa, T. Growth mode and surface structures of the Pb/Si(001) system observed by scanning tunneling microscopy 71200
Itoh, H. *see* Aoshima, S. 94419
Itoh, H. *see* Eimori, T. 92192
Itoh, H. *see* Ichinokawa, T. 71198
Itoh, H. *see* Ikunishi, S. 63453
Itoh, H. *see* Iwamoto, H. 92216
Itoh, H. *see* Kashihara, K. 71898
Itoh, H. *see* Kawamura, A. 60266
Itoh, H. *see* Miura, S. 65562
Itoh, H. *see* Nakao, Y. 63062
Itoh, H. *see* Ohno, Y. 70487
Itoh, H. *see* Sakasai, K. 58739
Itoh, H. *see* Shintani, K. 56154
Itoh, H. *see* Uedono, A. 81186
Itoh, H. *see* Watanabe, M. 63525
Itoh, H. *see* Watanabe, M. 63844
Itoh, H. *see* Winau, D. 71199
Itoh, H. *see* Yoshino, A. 93646
Itoh, I. *see* Mito, T. 89302
Itoh, J. Vacuum microelectronics 81132
Itoh, J. *see* Kanemaru, S. 62090
Itoh, J. *see* Nomura, S. 62211
Itoh, K., Andoh, M., Sakurai, M., Kumakura, H., Nagai, M., Jumonji, M., Ohnuki, K., Kimura, T., Yoshida, C. IX-10 international ISDN switching system 58258
Itoh, K., Fukasawa, T., Ishii, N. Analysis of superconducting patch antennas using the spectral domain method 94034
Itoh, K., Kanagawa, Y., Iida, A. Wideband PLL synthesizer using linear frequency variation DDS as reference oscillator 80193
Itoh, K., Kitawaki, N., Irii, H., Nagabuchi, H. A new artificial speech signal for objective quality evaluation of speech coding systems 51416
Itoh, K., Matoba, O., Ichioka, Y. Fabrication experiment of photorefractive three-dimensional waveguides in lithium niobate 56377
Itoh, K., Ohkubo, N., Kanematsu, K. Magnetic properties of R_2T_{17} type $Y_2Fe_{17-x}Al_x$, compounds 63165
Itoh, K., Owaga, Y. An inland rectenna using reflector and circular microstrip antennas 68494
Itoh, K. *see* Aoki, M. 93633
Itoh, K. *see* Hiruta, Y. 93682
Itoh, K. *see* Horiguchi, M. 71812
Itoh, K. *see* Inoue, K. 82501
Itoh, K. *see* Inoue, K. 94026
Itoh, K. *see* Ishii, N. 95000
Itoh, K. *see* Kiyoshi, T. 82473
Itoh, K. *see* Koden, M. 50591
Itoh, K. *see* Kudo, A. 68909
Itoh, K. *see* Nagai, H. 83002
Itoh, K. *see* Nagatomo, M. 68493
Itoh, K. *see* Ohkubo, N. 71956
Itoh, K. *see* Ohmiya, M. 64478
Itoh, K. *see* Oshikiri, M. 82502
Itoh, K. *see* Purwanto, Y. 94973
Itoh, K. *see* Sakata, T. 70285
Itoh, K. *see* Sakata, T. 70549
Itoh, K. *see* Sakata, T. 80316
Itoh, K. *see* Suzuki, N. 50438
Itoh, K. *see* Takayama, T. 72911
Itoh, K. *see* Takayama, T. 83041
Itoh, K. *see* Yamada, H. 51081
Itoh, K. *see* Yoshimori, K. 99295
Itoh, K.-I. *see* Masuda, A. 92930
Itoh, K.M., Haller, E.E., Hansen, W.L., Beeman, J.W., Farmer, J.W., Rudnev, A., Tikhomirov, A., Ozhogin, V.I. Neutron transmutation doping of isotopically engineered Ge 49849
Itoh, K.M. *see* Fuchs, H.D. 81191
Itoh, M., Habutsu, Y., Kuroda, S., Nagatomo, Y., Ino, M. A new study of the junction leakage current due to 45°-off active pattern after LOCOS process 92210
Itoh, M., Murakami, H., Chua, L.O. Communication systems via chaotic modulations 73586
Itoh, M., Ohyama, T. A new measuring system of initial relative permeabilities by using a high-T_c superconductor at a temperature of 77.4 K 58949
Itoh, M. *see* Asaoka, K. 100600
Itoh, M. *see* Huang, H. 82773
Itoh, M. *see* Matsubara, T. 86021
Itoh, M. *see* Matsubara, T. 94308
Itoh, M. *see* Murooka, K.-I. 91609
Itoh, M. *see* Nomoto, K. 100585
Itoh, M. *see* Ohyama, T. 57125
Itoh, M. *see* Yoshimaru, M. 61395
Itoh, M. *see* Yoshinouchi, A. 71631
Itoh, N., Yokokawa, S. A waveform equalizer for MUSE signal distorted by an echo on FM transmission system 97675
Itoh, N. *see* Ando, T. 93999
itoh, N. *see* Kamada, O. 75937
Itoh, N. *see* Kanasaki, J. 55818
Itoh, N. *see* Kobayashi, Y. 71527
Itoh, N. *see* Koden, M. 72460
Itoh, N. *see* Kudo, A. 68909
Itoh, N. *see* Matsuda, S. 50054
Itoh, N. *see* Matsuda, S. 70423
Itoh, N. *see* Qi-Xin Guo 61272
Itoh, S. Measurement of flatness by fitting partial shape deviations 87501
Itoh, S., Iwata, M. Techniques to improve the performance and functions of induction motor drives 54178
Itoh, S., Nakayama, N., Matsumoto, S., Nagai, M., Nakano, K., Ozawa, H., Okuyama, H., Tomiya, S., Ohata, T., Ikeda, M., Ishibashi, A., Mori, Y. ZnCdSe/ZnSSe/ZnMgSSe SCH laser diode with a GaAs buffer layer 72879
Itoh, S., Nakayama, N., Ohata, T., Ozawa, M., Okuyama, H., Nakano, K., Ikeda, M., Ishibashi, A., Mori, Y. ZnCdSe/ZnSe/ZnMgSSe separate-confinement heterostructure laser diode with various Cd mole fractions 56759
Itoh, S. *see* Nakayama, N. 50851
Itoh, S. *see* Ozawa, M. 72841
Itoh, T., Hoshi, M., Tsujii, S. A low communication competitive interactive proof system for promised quadratic residuosity 73747
Itoh, T., Suga, T. Piezoelectric force sensor for scanning force microscopy 66283
Itoh, T., Takeda, M. A simple construction for a family of collision-intractable hash functions 85424
Itoh, T. *see* Boric-Lubecke, O. 92558
Itoh, T. *see* Cai, D. 64764
Itoh, T. *see* Cha, K. 96978
Itoh, T. *see* Dow-Chih Niu 94917
Itoh, T. *see* Hoshino, T. 89842
Itoh, T. *see* Ikeda, T. 58101
Itoh, T. *see* Larsen, J.E. 67294
Itoh, T. *see* Lin, J. 55378
Itoh, T. *see* Nonomura, S. 100604
Itoh, T. *see* Pobanz, C.W. 86068
Itoh, T. *see* Siou Teck Chew 95015
Itoh, T. *see* Takeuchi, S. 100597
Itoh, T. *see* Thomas, V.A. 83816
Itoh, T. *see* Tian-Wei Huang 80561
Itoh, T. *see* Toland, B. 83852
Itoh, T. *see* Watanabe, A. 90377
Itoh, T. *see* Wu, M.C. 75999
Itoh, T. *see* Yaozhong Liu 83784
Itoh, Y. A new digital current-control method using observers for UPSs 54101
Itoh, Y., Enami, K., Ninomiya, Y., Shimoda, S., Hoshino, Y., Okamoto, T., Shimada, H. Improvement of picture quality for simultaneous transmission system for dual video signals 66030
Itoh, Y., Nii, M., Kohno, Y., Mochizuki, M., Takagi, T. A 4 to 25 GHz 0.5 W monolithic lossy match amplifier 80771
Itoh, Y. *see* Kashiwa, T. 80774
Itoh, Y. *see* Kohno, M. 80689
Itoh, Y. *see* Kotani, H. 92223
Itoh, Y. *see* Kotani, H. 92236
Itoh, Y. *see* Shimizu, N. 63018
Itoh Tatsuo *see* Tatsuo Itoh
Itonaga, K. *see* Tamaki, S. 61707
Itou, K. *see* Nagasawa, T. 89354
Itoua, S., Joachim, C., Rousset, B., Fabre, N. Fabrication and AFM characterization of a coplanar tunnel junction with a less than 30 nm interelectrode gap 71442
Itozaki, H., Tanaka, S., Nagaishi, T., Kado, H. Multi-channel high T_c SQUID 93958
Itozaki, H. *see* Tanaka, S. 98810
Itskovich, G.B. *see* Bulgakov, Yu.I. 53543
Itsumi, K. *see* Hasebe, N. 59057
Itsumi, K. *see* Nagata, K. 59058
Itsumi, M. Contamination determination for silicon carbide cantilever forks in diffusion furnaces 55680
Itsumi, M. Characterization and elimination of defects in oxide layers grown on Czochralski silicon substrates 81548
Itsumi, M., Aoyama, S. Recovery of recombination lifetime by pouring de-ionized water onto a rotating plasma-damaged wafer 71335
Ittibipoon, A. *see* Mongia, R.K. 83838
Ittipiboon, A. *see* Mongia, R.K. 51248
Ittipiboon, A. *see* Mongia, R.K. 83837
Ittipiboon, A. *see* Petosa, A. 73501
Ittner, D.D. Selecting and maintaining UPS battery systems 68954
Iturbe, R. *see* Garcia-Tabares, L. 82429
Iu, S.L., Wu, E.C. Noise reduction using multiframe motion estimation, with outlier rejection and trajectory correction 84988
Iucci, G. *see* Caliendo, C. 58671
Iuculano, G., Catelani, M., Gori, M., Bagnoli, S., Billi, D. A neural network-based approach for fault diagnosis in non-linear analog systems 97782
Iuculano, G. *see* Arri, E. 97759
Iuculano, G. *see* Mirri, D. 98188
Iuculano, G. *see* Mirri, D. 98243
Iuga, A. *see* Dascalescu, L. 64105
Iuga, A. *see* Dascalescu, L. 64109
Iuga, A. *see* Dascalescu, L. 73238
Iuliano, L. *see* Franceschini, F. 87000
Iunes, P.J. *see* Falleiros, M.C. 98649
Iung, C. *see* Touhami, O. 54033
Iusan, V.Z., Stanci, A.Gh. Inertial magnetofluidic sensor 75945
Iusan, V.Z. *see* Buioca, D.I. 71927
Ivakhnik, V.V. Diffraction efficiency of a dynamic hologram in a photochromatic medium with inclusion of the modulation depth of the interference grating being recorded 83381
Ivakhnik, V.V., Nikonov, V.I. Diffraction efficiency of a dynamic hologram in a photochromatic medium with several types of photochromatic particles 73177
Ivakin, V.N. *see* Khudyakov, V.V. 89138
Ivall, T. Electronics help police to see the genetic picture 88343
Ivancevic, B. The influence of tiredness on localization of sound source 98762
Ivanchenko, A.I., Krasheninnikov, V.V., Smirnov, A.L., Shulyat'ev, V.B. Industrial 3 kW CO_2 laser emitting high-quality radiation 82898
Ivanchenko, I.A., Andreyev, E.A., Lizogub, V.G., Sveshnikova, L.V. Space-time distribution of normal and pathological human skin dielectric properties in the millimeter wave range 59373
Ivanchenkov, S.N. *see* Varfolomeev, A.A. 53119
Ivanchenkov, S.N. *see* Varfolomeev, A.A. 53121
Ivancic, W.D., Pong Chu, Dong-Jye Shyy Technical issues regarding satellite packet switching 86250
Ivancic, W.D., Shalkhauser, M.J., Quintana, J.A. A network architecture for a geostationary communication satellite 75366
Ivanenko, I.I. *see* Borisenko, V.E. 93053
Ivanenok, J.F., III, Sievers, R.K. Radioisotope powered AMTEC systems 99114
Ivanitskiy, A.M. Matrices of nonautonomous parameters of multidimensional multiterminal networks 61489
Ivanov, A. *see* Bonek, P. 96866
Ivanov, A. *see* Chun Zhang 80310
Ivanov, A. *see* Etkin, V. 77450
Ivanov, A. *see* Low, W. 80311
Ivanov, A.A. *see* Khan, S.H. 53892
Ivanov, A.I. *see* Svechnikov, G.S. 82838
Ivanov, A.L., Haug, H. Analysis of an electro-optical switching device due to intrinsic photoconductivity 72439
Ivanov, A.L., Haug, H. Modeling of a low-intensity electro-optical semiconductor switching device due to intrinsic photoconductivity 82707
Ivanov, A.N. *see* Doroshenko, A.S. 72545
Ivanov, A.S., Ovchinnikov, V.P., Svinin, M.P., Tolstun, N.G. New irradiation field shaping systems of high voltage electron accelerators for industry 66997
Ivanov, A.V., Lizunova, M.S., Gas'kov, A.M. Glass-enamel barrier ageing affected by electrical discharges in ozonizers 73245
Ivanov, A.V. *see* Bragilevskii, E.L. 60499
Ivanov, A.Yu. *see* Barikhin, B.A. 56643
Ivanov, A.Yu. *see* Vesnicheva, G.A. 56640
Ivanov, E. *see* Cojocaru, G. 53170
Ivanov, E. *see* Martin, D. 67271
Ivanov, E. *see* Peng, H. 66293
Ivanov, E. *see* Peng, H. 87097
Ivanov, G.A. *see* Demortier, L. 59090

Ivanov, G.M., Kurilko, V.I., Makhnenko, L.N., Opanasenko, A.N., Ryabka, P.M., Cherenshchikov, S.A. Experimental studies of the electrodynamic characteristics of the STRUM-90 accelerating structure 76290
Ivanov, I. *see* Cachet, C. 78792
Ivanov, I.G. *see* Vainer, V.V. 94351
Ivanov, I.G. *see* Zinchenko, S.P. 63637
Ivanov, I.G. *see* Zinchenko, S.P. 94352
Ivanov, I.K. *see* Sukharev, Yu.G. 56560
Ivanov, I.V. *see* Baublis, V.V. 59244
Ivanov, K.V. *see* Emelyanov, G.M. 62948
Ivanov, L.M. *see* Branzalov, P.P. 66406
Ivanov, N.G. *see* Bychkov, Yu.I. 63635
Ivanov, O.A., Kolysko, A.L. Manometer with photoelectric registration 52978
Ivanov, P.A. Field-effect transistor based on 6H-SiC: temperature dependence of the conductivity of the n-type channel 93489
Ivanov, P.A., Konstantinov, A.O., Panteleev, V.N., Samsonova, T.P., Chelnokov, V.E. Charge properties of an Al-SiO_2-n-6H-SiC{(0001)Si} MOS structure 93060
Ivanov, P.A. *see* Andreev, A.N. 93514
Ivanov, P.A. *see* Konstantinov, A.O. 49893
Ivanov, P.M. *see* Anashin, V.V. 76538
Ivanov, S. Longitudinal diffusion as inflicted by arbitrary band-width random-modulated currents in feeders of detuned cavities 87883
Ivanov, S.G., Chernyshov, V.N. Thermohydraulic performance of heat exchangers with cold-welded aluminum fins, employed in air cooling of high-power rectifier 54103
Ivanov, S.S., Balashov, N.N., Pukhov, A.A., Shchegolev, I.O. Investigations of current-carrying capacity and quench behaviour of a composite superconductor by magnetic flux pumping method 89304
Ivanov, S.S., Pukhov, A.A., Shchegolev, I.O. Scaling law for quench energies of composite superconductors 72213
Ivanov, S.T. *see* Alexov, E.G. 61862
Ivanov, T. *see* Dimitrov, D.A. 58680
Ivanov, T. *see* Hadjitodorov, S. 57434
Ivanov, T. *see* Sheth, N. 92531
Ivanov, U.V. Comparative efficiency of algorithms of the spatial Doppler coherent processing 58446
Ivanov, V.A., Busurin, V.N., Rassokhin, V.A. Multipurpose self-contained power plants 53938
Ivanov, V.A., Pletnikov, S.B. Mutual effect of heaters in a turbine generation system when controlling the level of condensate in them 60097
Ivanov, V.A. *see* Boguta, N.M. 58280
Ivanov, V.A. *see* Erukhimov, L.M. 73357
Ivanov, V.I. *see* Gerasimov, Yu.A. 100966
Ivanov, V.N. Mathematical modelling and error analysis of measuring multicomponent systems 75813
Ivanov, V.N., Figlin, M.G. TKK annular current pickups 78897
Ivanov, V.N., Shilin, V.P. MKS-1 compact command controller 79069
Ivanov, V.N. *see* Babichev, R.K. 92463
Ivanov, V.S. *see* Kokin, A.A. 62333
Ivanov, V.V., Paranin, S.N., Sannikov, D.V., Vikhrev, A.N., Zhdanok, O.M., Khrustov, V.R. Superconducting inductive switch triggered by pulsed magnetic field 72278
Ivanov, V.V., Pontecorvo, G.B. An algorithm for identifying secondary vertices 88144
Ivanov, V.Ya. The mathematical methods and electromagnetic codes for a physical electronics devices 49096
Ivanov, Yu.V. Recurrent procedure for calculating the vector of space-Doppler processing 58458
Ivanov, Z.G., Kaplunenko, V.K., Stepantsov, E.A., Wikborg, E., Claeson, T. An experimental implementation of high-T_c-based RSFQ set−reset trigger at 4.2 K 55183
Ivanov, Z.G. *see* Nilsson, P.A. 72227
Ivanov, Z.G. *see* Ovsyannikov, G.A. 50417
Ivanov, Z.G. *see* Ovsyannikov, G.A. 82363
Ivanova, I.G. *see* Vainer, V.V. 63634
Ivanova, I.V., Tsvetkov, A.D. Interferometer with a diverging lens for the investigation of laser radiation wavefronts 56845
Ivanova, N.Ye., Pchel'nikov, Yu.N., Yatsuk, K.P. Electrodynamic properties of plane logarithmic helices in a three-layer dielectric 82096
Ivanova, S.V. Effect of residual stresses on inhibited hydride cracking of zirconium tubes 89496
Ivanovic, M., Weber, D.A., Loncaric, S., Franceschi, D. Feasibility of dual radionuclide brain imaging with I-123 and Tc-99m 67466
Ivarsson, J. *see* Ariztizabal, F. 98518
Ivashchenko, P.V., Shishkin, V.V. Analysis of the power loss of a modem of two-dimensional digital signals with digital filters 55167
Ivashkin, A.P. *see* Dement'ev, D.V. 53315
Ivchenko, V.A. *see* Talantsev, E.F. 50393
Ivens, D. *see* Spadtke, P. 53274
Ivensky, G., Gulko, M., Ben-Yaakov, S. Current-fed multi-resonant DC-DC converter 54077
Ivers, J. New power for hospital's emergency service 78474
Ivers, J.D., Kerslick, G.S., Nation, J.A., Schachter, L. A compact modulator for RF source development 68678
Ivers, J.D. *see* Kuang, E. 76846
Iversen, H., Lonnestad, T. An evaluation of stochastic models for analysis and synthesis of gray-scale texture 64697
Iversen, V.B. *see* Mitrou, N.M. 57938
Iverson, D.E. Coherent processing of ultra-wide-band radar signals 58463
Iverson, D.L. *see* Boyd, M.A. 54600
Iverson, G.J. *see* Kakarala, R. 84429
Iverson, V.S., Riskin, E.A. A fast method for combining palettes of color quantized images 85015
Ives, G.R., Crisp, P.B., Roberts, P.C.A. Automated measurement of capacitance from 500 pF to 40 mF 86926
Ives, R.L., Neilson, J. TE_{01} windows for high power klystron applications 92885
Iveshevskii, S.N., Arhipova, L.N., Karapetyan, G.O., Rusan, V.V., Tagantsev, D.K. New fabrication technology of microobjectives for endoscopy 50563
Ivett, R. *see* Bourne, J. 65501
Ivey, D.G., Wang, D., Yang, D., Bruce, R., Knight, G. Au/Ge/Ni ohmic contacts to n-type InP 55657
Ivey, D.G. *see* Ping Jian 93262
Ivey, J.A. *see* Gardner, E.A. 98772
Ivey, P.A. *see* Goodenough, J. 61750
Ivey, P.A. *see* Kelly, J.L. 92054
Ivic, A., Koplowitz, J., Zunic, J. On the number of digital convex polygons inscribed into an (m,m)-grid 95990
Ivins, J.R. Modular degree scheme management: a practical perspective 69433
Ivkin, E.B., Katashov, A.Y., Lodygin, A.B., Yastrebov, S.G., Prichodko, O.A., Prichodko, A.V. Fractal nanostructure of semiconductor films: technology, mathematical simulation and electrophysical properties 91558
Ivkovic, M. *see* Paunovic, D. 74790
Ivlev, B. *see* Esposito, E. 87959
Ivlev, R. *see* Volpe, R. 97986
Ivo Klik *see* Jing Ju Lu 63218
Ivochkin, I.G. *see* Baublis, V.V. 59244
Ivrissimtzis, L.P., Lancaster, M.J., Maclean, T.S.M., Alford, N.McN. High-gain series fed printed dipole arrays made of high-T_c superconductors 95014
Iwabuchi, K. *see* Takashi, T. 70716
Iwabuchi, M., Usami, M., Kashiyama, M., Oomori, T., Murata, S., Hiramoto, T., Hashimoto, T., Nakajima, Y. A 1.5-ns cycle-time 18-kb pseudo-dual-port RAM with 9K logic gates 50073
Iwabuchi, M. *see* Kobayashi, T. 81429
Iwabuchi, M. *see* Usami, M. 70567
Iwabuchi, N., Kawahara, A., Kume, T., Kabashima, T., Nagasaka, N. A novel high-torque reluctance motor with rare-earth magnet 68580
Iwabuchi, S. *see* Sato, K. 70160
Iwabuchi, S. *see* Sato, K. 91631
Iwabuchi, T. *see* Fukuda, H. 61723
Iwadare, M. *see* Koizumi, H. 61542
Iwahara, H. *see* Hibino, T. 87145
Iwahashi, M., Kameyama, W., Ohyama, K., Kambayashi, N. A motion compensation technique for down-scaled pictures in layered coding 95890
Iwahashi, M. *see* Shibata, S. 98487
Iwahashi, N. *see* Wang, W.J. 73878
Iwahashi, T., Uesugi, T., Kadowaki, T. A remote-sensing system 99159
Iwahori, Y., Woodham, R.J., Tanaka, H., Ishii, N. Moving point light source photometric stereo 95750
Iwai, H., Hanazaki, K., Harada, N. Monitoring equipment for the gas-insulated power apparatus 78528
Iwai, H., Karasawa, Y. An evaluation method and a countermeasure for the near-far problem in CDMA mobile radio systems 52362
Iwai, H., Shiokawa, T., Karasawa, Y. An investigation of space-path hybrid diversity scheme for base station reception in CDMA mobile radio 75314
Iwai, H. *see* Fiegna, C. 62791
Iwai, H. *see* Fiegna, C. 71693
Iwai, H. *see* Karasawa, Y. 64154
Iwai, H. *see* Matsuda, S. 50054
Iwai, H. *see* Momose, H.S. 49980
Iwai, H. *see* Momose, H.S. 63033
Iwai, H. *see* Ohguro, T. 93405
Iwai, H. *see* Ono, M. 71674
Iwai, H. *see* Ono, M. 93394
Iwai, H. *see* Saito, M. 62850
Iwai, H. *see* Tsuboi, Y. 49966
Iwai, H. *see* Ushiku, Y. 71438
Iwai, H. *see* Yoshitomi, T. 71679
Iwai, I. *see* Matsuda, S. 70423
Iwai, N. *see* Kasukawa, A. 63850
Iwai, N. *see* Namegaya, T. 63786
Iwai, N. *see* Ohkubo, M. 94523
Iwai, S., Fukushima, K. Wave propagation in a Fibonacci transmission line 80081
Iwai, S., Meguro, T., Isshiki, H., Sugano, T., Aoyagi, Y. Reduction of carbon impurity in GaAs by photo-irradiation in atomic layer epitaxy 69965
Iwai, S. *see* Nagano, M. 91475
Iwai, Y. *see* Fujita, K. 86094
Iwaji, Y., Fukuda, S. A parameter design method of PWM voltage-source rectifier 78706
Iwaji, Y. *see* Fukuda, S. 68779
Iwaki, M., Toraichi, K. Sampling theorem for spline signal space of arbitrary degree 64257
Iwaki, R., Enomoto, M. Copper wire bonding and high reliable electrode 49734
Iwaki, Y. *see* Yokoyama, N. 78156
Iwakiri, M. *see* Tanaka, K. 74292
Iwakoshi, Y. *see* Sawai, K. 90360
Iwakura, H. *see* Zhang, X. 61814
Iwama, K., Hino, K. Random generation of test instances for logic optimizers 91707
Iwama, K., Miyazaki, S. SAT-variable complexity of hard combinatorial problems 79620
Iwama, K. *see* Yoshida, Y. 96928
Iwama, N. *see* Umeno, T. 60592
Iwama, T., Mizuno, M. Prediction of urban propagation characteristics for low base-station antennas 97127
Iwamatsu, M. *see* Mizutani, T. 94018
Iwamatsu, T., Yamaguchi, Y., Inoue, Y., Nishimura, T., Tsubouchi, N. CAD-compatible high-speed CMOS/SIMOX technology using field-shield isolation for 1 M gate array 93618
Iwamatsu, T. *see* Eimori, T. 93610
Iwamatsu, T. *see* Inoue, Y. 92232
Iwamatsu, T. *see* Suma, K. 92221
Iwamatsu, T. *see* Suma, K. 92238
Iwamatsu, T. *see* Yamaguchi, Y. 71658
Iwami, M. *see* Mizuno, K. 81684
Iwami, T. *see* Shono, K. 54272
Iwamiya, H. *see* Ido, H. 48790
Iwamori, T. *see* Murata, M. 62326
Iwamoto, A., Mito, T., Takahata, K., Yanagi, N., Yamamoto, J. Heat transfer of a large copper plate to liquid helium applicable to large scale superconductors 93989
Iwamoto, E. *see* Saitoh, Y. 59022
Iwamoto, H., Watanabe, N., Yamazaki, A., Sawada, S., Murai, Y., Konishi, Y., Itoh, H., Kumanoya, M. A 180 MHz multiple-registered 16 Mbit SDRAM with flexible timing scheme 92216
Iwamoto, H. *see* Iida, T. 100381
Iwamoto, M., Morikawa, T., Okuda, S. Charged particle-beam equipment and its simulation 49753
Iwamoto, M. *see* Fukuda, A. 62337
Iwamoto, M. *see* Itoh, E. 94736
Iwamoto, M. *see* Kushida, M. 62336
Iwamoto, M. *see* Yoshida, S. 58094
Iwamoto, O. *see* Rashid, M.M. 88237
Iwamoto, O. *see* Rashid, M.M. 98674
Iwamoto, O. *see* Widodo, S. 59139
Iwamoto, R. *see* Harao, A. 85960
Iwamoto, S. *see* Isono, T. 82466
Iwamoto, S. *see* Nakajima, H. 72261
Iwamoto, S. *see* Nishi, M. 72260
Iwamoto, T. *see* Shimada, H. 81678
Iwamura, E., Ohnishi, T., Yoshikawa, K., Itayama, K. In situ scanning electron microscope observation of hillock and whisker growth on Al-Ta alloy films for interconnections of thin film transistor-liquid crystal displays 91635
Iwamura, H. *see* Suzuki, Y. 82672
Iwamura, H. *see* Uenohara, H. 63949
Iwamura, K., Imai, H. A method to find a minimal set of polynomials capable of generating a given finite N-dimensional array 84002
Iwamura, M. *see* Akioka, T. 70538
Iwamura, M. *see* Tanaka, S. 70666
Iwamura, T. *see* Kimura, M. 51104
Iwamuro, N., Shekar, M.S., Baliga, B.J. A study of EST's short-circuit SOA 55936
Iwamuro, N. *see* Seki, Y. 55931
Iwanami, Y. On the availability of trellis decoding schemes for continuous phase FSK signals employing limiter discriminator detection 64318
Iwanami, Y. Sequence estimation scheme for narrowband digital FM signals with limiter-discriminator detection under fading environment 84548
Iwanami, Y. *see* Huan-Bang Li 83650
Iwanari, S. *see* Fujiwara, G. 70530
Iwanczyk, J.S. *see* Wang, Y.J. 88269
Iwanczyk, J.S. *see* Wang, Y.J. 88326
Iwanczyk, J.S. *see* Wang, Y.J. 98731
Iwaniczko, E., Nelson, B.P., Molenbroek, E.C., Schropp, R., Crandall, R.S., Mahan, A.H. a-Si:H solar cells deposited by the hot wire method 90443
Iwanitz, F. *see* Hahniche, J. 85814
Iwano, K., Cingoski, V., Kaneda, K., Yamashita, H. A parallel processing method in finite element analysis using domain division 79747
Iwano, K., Tanaka, H. A study on the improvement of coding rate for Lynch-Davisson code 73737
Iwano, T. *see* Watanabe, N. 52494
Iwano, T. *see* Watanabe, N. 86526
Iwao, S. *see* Shibahara, K. 63017
Iwasa, A. *see* Fukushima, A. 86888
Iwasa, A. *see* Sakamoto, Y. 86917
Iwasa, K. *see* Murayama, Y. 86834
Iwasa, S. *see* Egawa, Y. 93424
Iwasa, S. *see* Nakano, K. 81629
Iwasa, Y., Baker, M.G., Coffin, J.B., Hannahs, S.T., Leupold, M.J., McNiff, E.J., Weggel, R.J.

Operation of Hybrid III as a facility magnet 82442
Iwasa, Y. *see* Miller, J.R. 82404
Iwasa, Y. *see* Williams, J.E.C. 82412
Iwasaki, H., Itani, T., Fujimoto, M., Kasama, K. Acid size effect of chemically amplified negative resist on lithographic performance 81626
Iwasaki, H., Sasaki, T., Ishizuka, M. Cooling performance of plate fins for multichip modules 91081
Iwasaki, H. *see* Hatsuzawa, T. 87540
Iwasaki, H. *see* Itani, T. 81623
Iwasaki, H. *see* Kato, Y. 50730
Iwasaki, H. *see* Matsubara, Y. 93275
Iwasaki, H. *see* Matsui, Y. 61702
Iwasaki, H. *see* Nakao, M. 52949
Iwasaki, H. *see* Nakao, M. 98121
Iwasaki, H. *see* Ochiai, S. 63092
Iwasaki, K. An adaptive equalizer equipped with a neural network and a Viterbi decoder 65592
Iwasaki, K., Furuta, A., Nakamura, S. Aliasing error for a mask ROM built-in self-test 49442
Iwasaki, K., Ishii, R. The characteristic improvement of a digital filter using a feedback path 70765
Iwasaki, K. *see* Morii, M. 95169
Iwasaki, K. *see* Shinoda, M. 63257
Iwasaki, M. *see* Abe, N. 72047
Iwasaki, M. *see* Nagamine, K. 76397
Iwasaki, M. *see* Takahara, H. 97838
Iwasaki, S., Ohsawa, S., Kawaharata, S., Yamazaki, T., Kobayashi, A., Yoshiike, S., Matsui, Y., Yamamoto, T., Sugano, Y., Sugawara, H. NEAX61 ATM service node 96929
Iwasaki, S. *see* Akiba, K. 85995
Iwasaki, S. *see* Honda, N. 61374
Iwasaki, S. *see* Kou, K.Y. 75080
Iwasaki, S. *see* Matsuyama, S. 87767
Iwasaki, S. *see* Ouchi, K. 72090
Iwasaki, T., Iguchi, Y., Fujimura, Y., Yamabayashi, N. Crystal structure analysis for InP photodiodes 94268
Iwasaki, T. *see* Endo, M. 63481
Iwasaki, T. *see* Endo, M. 94191
Iwasaki, T. *see* Fukumasa, O. 53196
Iwasaki, T. *see* Ghosh, G. 82517
Iwasaki, T. *see* Komiyama, K. 77687
Iwasaki, T. *see* Matsuyama, S. 87767
Iwasaki, T. *see* Nishimoto, T. 99705
Iwasaki, T. *see* Yoshizawa, A. 57638
Iwasaki, Y., Asada, G. Numerical analysis of durable power MOSFET using cylindrical device simulator 49985
Iwasaki, Y. *see* Abe, K. 88115
Iwasaki, Y. *see* Masuda, K. 67337
Iwasaki, Y. *see* Ueno, T. 48972
Iwasawa, A. *see* Nishida, Y. 94689
Iwasawa, J. *see* Yamamoto, H. 50205
Iwasawa, M. *see* Kuwata, Y. 54147
Iwase, M. *see* Koga, J. 71782
Iwase, M. *see* Mizuno, T. 62835
Iwase, M. *see* Mizuno, T. 71699
Iwase, M. *see* Ohkubo, K. 92457
Iwase, Y. *see* Kanie, Y. 61640
Iwashige, J., Kaku, H. GTD fields at shadow and reflection boundaries of a polygonal cylinder 57097
Iwashita, H., Kowatari, S., Nakata, T., Hirose, F. Automatic test program generation for pipelined processors 92302
Iwashita, I. *see* Ohnishi, H. 68221
Iwashita, K. *see* Takachio, N. 52556
Iwashita, T. *see* Kim, K.-w. 98046
Iwashita, T. *see* Matsumoto, T. 61291
Iwashita, Y. Axial magnetic field lens with permanent magnet 76420
Iwashita, Y. Disk-and-washer structure with biperiodic support 87634
Iwashita, Y. *see* Shirai, T. 76407
Iwashitai, M., Ikeuchi, N. Optical fiber network configurations for broadband services 65854
Iwaski, S., Matsuura, N., Itoh, A., Matzsuzaki, M., Uchida, M. Very small ATM switch ATOMIS 5 96930
Iwata, A. Optical interconnection for ULSI technology innovation 56494
Iwata, A. *see* Masuda, S. 60642
Iwata, A. *see* Takeda, Y. 72680
Iwata, A. *see* Yamazaki, T. 94544
Iwata, H., Mori, S. An analysis and modeling of distributed energy system with wheeling and thermal energy transportation 78368
Iwata, H. *see* Matsuyama, Y. 69604
Iwata, H. *see* Ohzone, T. 55883
Iwata, H. *see* Ohzone, T. 55958
Iwata, H. *see* Ohzone, T. 63003
Iwata, H. *see* Ohzone, T. 81898
Iwata, K. *see* Marcu, G. 74520
Iwata, K. *see* Matsui, K. 67995
Iwata, K. *see* Matsui, K. 100327
Iwata, M. *see* Ito, Y. 60294
Iwata, M. *see* Itoh, S. 54178
Iwata, M. *see* Tanida, J. 63521
Iwata, N. *see* Kamiyama, E. 89634
Iwata, S. *see* Hara, Z. 58915
Iwata, S. *see* Yongxi Qian 83862
Iwata, S. *see* Yongxi Qian 98279
Iwata, T. *see* Ichikawa, S. 85425
Iwata, T. *see* Iso, M. 99704
Iwata, T. *see* Kotani, H. 92223
Iwata, T. *see* Kotani, H. 92236
Iwata, T. *see* Sasaki, T. 94211
Iwata, T. *see* Suzuki, T. 92217
Iwata, Y., Kawamata, M., Higuchi, T. Block parallel architecture of separable denominator 2-D state-space digital filters based on the reduced-dimensional decomposition 61798
Iwata, Y. *see* Koshiishi, H. 77240
Iwata, Y. *see* Ohsugi, T. 59069
Iwata, Y. *see* Unno, Y. 98558
Iwate, K. *see* Hashimoto, A. 62454
Iwatsubo, R., Aihara, K. Chaos and its application to power engineering 99456
Iwatsuki, K., Kawai, S., Nishi, S., Saruwatari, M. Carrier linewidth measurement of ultra-short laser-diode pulse sources 94578
Iwatsuki, K. *see* Kawai, S. 65765
Iwatsuki, K. *see* Nagatsuma, T. 58407
Iwatsuki, K. *see* Suzuki, K. 50831
Iwatsuki, K. *see* Suzuki, K. 52552
Iwatsuki, K. *see* Suzuki, K. 86410
Iwatsuki, M. *see* Uesugi, K. 69939
Iwatsuki, R. *see* Takata, M. 75785
Iyasu, M. *see* Tanaka, H. 75868
Iyeki, H. *see* Hayashi, K. 49747
Iyengar, B.S.R. *see* Bhat, A.K.S. 68775
Iyengar, G., Panchanathan, S. Codec designs for image browsing 57913
Iyengar, K. *see* Bonito-Oliva, A. 94025
Iyengar, P.A. *see* Samal, A. 51718
Iyengar, S., Apte, N., Roy, A.A., Sanyal, S., Singhi, N.M., Wu Geng Feng A multiprocessor communication architecture for high speed networks 74996
Iyengar, S.S. *see* Krishnamurthy, S. 77543
Iyengar, S.S. *see* Yuyan Wu 95717
Iyengar, V., Jalali, A., Mermelstein, P., Michaelides, J. Comparison of ARQ protocols for asynchronous data transmission over Rayleigh fading channels 85334
Iyengar, V.S. *see* Brand, D. 49240
Iyer, A. *see* Subbarao, G.V. 53709
Iyer, A.N. *see* Balachandran, U. 63327
Iyer, H.K. *see* Wang, C.M. 91117
Iyer, J. Photodetectors demystified 52858
Iyer, K.N. *see* Pandya, K.R. 51100
Iyer, K.S.C. *see* Sood, C.K. 77777
Iyer, R.K. *see* Ries, G.L. 70369
Iyer, S. *see* Rodder, M. 93620
Iyer, S.S., Haddad, Y.M. Intelligent materials—an overview 61219
Iyer, S.S., Tejwani, M.J., Pitner, P.M., Sedgwick, T.O., Shahidi, G.G. High-performance CMOS fabricated on ultrathin BESOI with sub-10 nm ttv 93644
Iyer, S.S. *see* Burghartz, J.N. 71611
Iyer, S.S. *see* Mierzwinski, M.E. 61928
Iyer, S.S. *see* Powell, A.R. 61249
Iyer, U. *see* Ochi, H. 92389
Iyoda, I. *see* Taoka, H. 53641
Iyoda, I. *see* Taoka, H. 78242
Iyori, M. *see* Usuki, T. 82368
Iyyengar, S.K. *see* Vijayan, T. 53124
Izadian, J.S., Wiedeman, R.A. Development and application of a multilayer interference analysis and simulation program for MSS LEO/GSO systems 52443
Izadpanah, P., Chinlon Lin System applications of dispersion-compensation techniques in upgrading interoffice 1310 nm-optimized fiber networks 86460
Izaki, T. *see* Hadama, H. 64947
Izaki, Y. *see* Mugikura, Y. 90375
Izawa, M. *see* Koseki, T. 67108
Izawa, T. *see* Usui, M. 63439
Izawa, Y. *see* Ohmi, M. 94436
Izen, J.M. *see* Baggs, R. 76791
Izmailov, A.M. *see* Vorotnev, P.A. 63683
Izmailov, A.M. *see* Zhiglinsky, A.G. 56646
Izmailov, R., Haas, Z. Performance evaluation of the optical staggering switch 75166
Izosimov, I.N. *see* Beraud, R. 67398
Izquierdo, N. *see* Donahoe, K.E. 89186
Izquierdo, N. *see* Sufana, C. 89347
Izquierdo, N.A., Jr. *see* Kojovic, L. 89216
Izquierdo, R. *see* Bernier, M.-H. 61324
Izquierdo, R. *see* Evoy, S. 62510
Izquierdo, R. *see* Meunier, M. 62511
Izquierdo, R. *see* Meunier, M. 71412
Izquierdo, R. *see* Shen, B. 62447
Izquierdo-Fuente, A., Casar-Corredera, J.R. Approach to multifunction radar scheduling simulation 75612
Izquierdo-Rocha, J.M., Sanchez-Perea, M. Application of the integrated safety assessment methodology to the emergency procedures of a SGTR of a PWR 89489
Izraitel, A.G. *see* Zhulina, E.M. 64140
Izu, M., Deng, X., Krisko, A., Whelan, K., Young, R., Ovshinsky, H.C., Narasimhan, K.L., Ovshinsky, S.R. Manufacturing of triple-junction 4 ft^2 a-Si alloy PV modules 100542
Izu, M., Ovshinsky, S.R., Deng, X., Krisko, A., Ovshinsky, H.C., Narasimhan, K.L., Young, R. Continuous roll-to-roll amorphous silicon photovoltaic manufacturing technology 90421
Izu, T. *see* Shiiyama, K. 76146
Izumi, A. *see* Ishigami, T. 52945
Izumi, K., Tsuji, M., Oyama, J., Yamada, E. Improvement of fuzzy auto-tuning method of DC chopper system using manipulated value 80129
Izumi, K. *see* Fujita, K. 61943
Izumi, K. *see* Hasegawa, Y. 68897
Izumi, K. *see* Omura, Y. 50002
Izumi, K. *see* Tamaki, S. 61707
Izumi, K. *see* Tsuji, M. 89962
Izumi, M., Fujimoto, T., Fukunaga, K. Extraction of edgeline images using SNAKE model and its application to object recognition 57636
Izumi, M. *see* Hashimoto, S. 76912
Izumi, N. *see* Ohkubo, K. 82744
Izumi, S. *see* Miyai, H. 88409
Izumi, S. *see* Miyai, H. 98601
Izumi, S. *see* Miyakuni, S. 55792
Izumi, S. *see* Shimura, T. 92529
Izumi, T., Usui, H. Parallel operation of induction machines for generating a desired torque from variable natural energy 78627
Izumi, T. *see* Fujita, K. 61237
Izumi, T. *see* Ino, S. 58725
Izumi, T. *see* Yoshida, A. 93132
Izumi, Y. *see* Gohshi, S. 66043
Izumikawa, M. *see* Suzuki, K. 92288
Izumina, M. *see* Asaoka, K. 100600
Izumina, M. *see* Yamamoto, K. 91470
Izumita, H., Koyamada, Y., Furukawa, S., Sankawa, I. The performance limit of coherent OTDR enhanced with optical fiber amplifiers due to optical nonlinear phenomena 76231
Izumita, H., Koyamada, Y., Shin-ichi Furukawa, Sankawa, I. Optical nonlinearities in coherent optical time domain reflectometry enhanced with optical fiber amplifiers 82541
Izumitani, T. *see* Bo Peng 50440
Izumitani, T. *see* Bo Peng 53383
Izumiya, S. *see* Yoh, K. 62296
Izuta, G., Abe, S., Hirota, J., Hayashi, O., Hoshinouchi, S. Development of transient liquid phase soldering process for LSI die-bonding 92852
Izutsu, M. *see* Ohno, K. 72455
Izyneev, A.A. *see* Dianov, E.M. 63999
Izyumov, M.A. *see* Dvoinishnikov, V.A. 89658
Izzard, M.J., Thisell, C.G., Mader, H., Hedberg, M., Fung, P.K., Chang, H., Larsson, B., Gopinathan, V., Scott, D.B. Analog versus digital control of a clock synchronizer for 3 Gb/s data with 3.0 V differential ECL 70712
Izzat, N., Pennock, S.R., Rozzi, T. Space domain analysis of micro-IDG structures 70828
Izzet Gurelli, M. *see* Onural, L. 74175
Izzo, M. *see* Wrigley, G. 75096

J Chen Jia-Jin *see* Jia-Jin J Chen
Ja, Y.H. Phase sensitivity of an optical fiber ring resonator with a collinear 3×3 coupler 50456
Ja, Y.H. Flattening and reversing of resonant curves in an S-shaped two-coupler optical fiber-ring resonator 73450
Ja, Y.H. Analysis of optical-fiber loop resonators with a collinear 3×3 fiber coupler 94068
Ja, Y.H. Optical vernier filter with two single 3×3 planar coupler fiber ring resonators in tandem 94069
Ja, Y.H. Design and characteristics of a periodic Butterworth-like blocking filter using an S-shaped two-coupler optical fiber ring resonator 94124
Ja, Y.H. Design and characteristics of periodic Butterworth-like filters using a bow-tie-shaped optical fiber ring resonator 94234
Ja, Y.H. Kerr bistability in an optical fiber ring resonator with a 3×3 planar fiber coupler 94654
Ja, Y.H. Elimination of Kerr bistability in an optical fiber ring resonator with a 3×3 planar fiber coupler 94655
Ja, Y.H., Dai, X. Optical-fiber double-loop resonator with nonplanar 3×3 fiber coupler 50474
Ja, Y.H., Dai, X. Experimental study of an S-shaped two-coupler optical fiber ring resonator 56333
Ja, Y.H., Dai, X., Binh, L.N. Experimental study of a bow-tie-shaped optical fiber ring resonator with two 2×2 fiber couplers 82574
Ja chung Hwa *see* Hwa Ja chung
Ja Park Soon *see* Soon Ja Park
Ja Yu-Hong *see* Yu-Hong Ja
Ja-Chen Lin, Wen-Hsiang Tsai Feature-preserving clustering of 2-D data for two-class problems using analytical formulas: an automatic and fast approach 64593
Ja-Ling Wu *see* Ho-Chao Huang 64612
Ja-Ling Wu *see* Ho-Chao Huang 64835
Ja-Ling Wu *see* Ming-Chwen Yang 74207
Jaafari, A. *see* Bergogne, D. 80096
Jaaskelainen, T., Silvennoinen, R., Hiltunen, J., Parkkinen, J.P.S. Classification of the reflectance spectra of pine, spruce, and birch 53551
Jaaskelainen, T. *see* Kamshilin, A.A. 63988
Jaaskelainen, T. *see* Kamshilin, A.A. 64021

Jaaskelainen, V., Kurvonen, L., Hallikainen, M. Effect of land-cover type and season in microwave remote sensing of snow 77525
Jaatinen, E., Luther-Davies, B. Converting 10 kW multi-mode fields into a single spatial mode with a semilinear phase conjugate mirror 50497
Jabardo, J.M.Saiz *see* Saiz Jabardo, J.M.
Jabbar, M.A. Some novel ideas for disk drive spindle motors 78665
Jabbar, M.A. *see* Lee, T.H. 50367
Jabbar, M.A. *see* Zhou, P. 78607
Jabbari, B., Piplani, R., Yegenoglu, F., Merchant, A. Comparison of TSS application layer protocols: TCAP (Q.771-775) and ROSE (X.219/X.229) 85350
Jabbari, B. *see* Yegenoglu, F. 61074
Jabbour, K. *see* Reichmeyer, F. 52162
Jablon, A.R., Moore, C.R., Penn, J.E. Microwave component analysis using a numerical electromagnetic field solver 55383
Jablon, A.R., Stilwell, R.K. Spacecraft reflector antenna development: challenges and novel solutions 57271
Jablonski, J. *see* Shen, B. 93101
Jablonski, T.F. Complex modes in open lossless dielectric waveguides 50509
Jabri, A.K.Al *see* Al Jabri, A.K.
Jabri, A.Kh.Al *see* Al Jabri, A.Kh.
Jabri, M., Leong, P., Burr, J., Flower, B., Lai, K.K., Pickard, S., Tinker, E., Coggins, R. An analogue neural network using MCM technology 49593
Jabri, M.A. *see* Leong, P.H.W. 49604
Jacak, B.V. *see* Britton, C.L. 71809
Jacak, B.V. *see* Fields, D.E. 98522
Jacak, B.V. *see* Lock, J.S. 67366
Jacak, B.V. *see* van Hecke, H. 67350
Jacas, J., Recasens, J. Fuzzy numbers and equality relations 48791
Jach, C., Medvedko, A., Petrov, S., Vinnik, V., Fishier, Y. Energy Storage Inductor for the Low Energy Booster resonant power supply system 68677
Jachim, S.P., Ziomek, C., Natter, E.F., Regan, A.H., Hill, J., Eaten, L., Gutscher, W.D., Curtin, M., Denney, P., Hansberry, E., Brooks, T. The Los Alamos VXI-based modular RF control system 67230
Jachim, S.P. *see* Denney, P.M. 67175
Jachim, S.P. *see* Ziomek, C.D. 76516
Jachimowicz, A. *see* Kohl, F. 58724
Jachner, J., Lee, H. Eigenvalues and eigenvectors of covariance matrices for closely-spaced signals in multi-dimensional direction finding 84431
Jachner, J. *see* Lee, H.B. 95402
Jachowicz, R.S., Zalewski, D. Hygrometer with fibre optic dew point detector 66777
Jack, C. *see* Chipalkatti, R. 85941
Jack, C. *see* Hao-Jen Fu 52251
Jack, M.A. *see* Love, S. 73895
Jack, M.A. *see* Wrench, A.A. 98988
Jack, N. *see* Dagpunar, J.S. 48726
Jack, R.V. *see* Welland, D.R. 93886
Jack Zezhong Peng, Qi Lin, Peng Fang, Ming Kwan, Longcor, S., Jih Lien Accurate simulation of EPROM hot-carrier induced degradation using physics based interface and oxide charge generation models 61693
Jackel, S.M., Kaufman, A., Lallouz, R. High-repetition-rate oscillators based on athermal glass rods and on birefringence correction techniques 94375
Jackett, N. *see* Banerjee, A. 100523
Jackman, J., Span, F., Tappel, H., van Vucht, R. Design for a high precision, high accuracy SEM stage for metrology and review 81163
Jackman, J.J. *see* Henstra, A. 82027
Jackman, R.B. *see* Beckman, J. 70118
Jackman, R.B. *see* Marshall, D. 93181
Jackson, A. Commissioning and performance of the Advanced Light Source 66830
Jackson, A.M. *see* Artaki, I. 80996
Jackson, B. Shortest circuit covers of cubic graphs 48779
Jackson, B. *see* Devito, M. 78423
Jackson, C. *see* Rosenzweig, J.B. 76722
Jackson, C.M., Bhasin, K. High temperature superconductivity for satellite communications applications 97195
Jackson, C.M., Kobayashi, J.H., Kain, A.Z., Lee, A., Pettiette-Hall, C., Burch, J.F., Hu, R., Hilton, R. Novel monolithic phase shifter combining ferroelectrics and high temperature superconductors 49642
Jackson, C.M. *see* Ferendeci, A.M. 92550
Jackson, C.M. *see* Huey-Daw Wu 80910
Jackson, D. *see* Charlton, C.C. 49244
Jackson, D. *see* Rao, Y. 87212
Jackson, D.A. Selected multiplexing schemes for fibre optic interferometric sensors 52892
Jackson, D.A. Recent progress in monomode fibre-optic sensors 66378
Jackson, D.A. *see* Bao, X. 52905
Jackson, D.A. *see* Brady, G.P. 52899
Jackson, D.A. *see* Brady, G.P. 87251
Jackson, D.A. *see* Lobo Ribeiro, A.B. 76010
Jackson, D.A. *see* McGarrity, C. 66405
Jackson, D.A. *see* Ning, Y.N. 87206
Jackson, D.A. *see* Pechstedt, R.D. 87211
Jackson, D.A. *see* Podoleanu, A.G. 73186
Jackson, D.A. *see* Podoleanu, A.G. 90828
Jackson, D.A. *see* Rao, Y.J. 58821
Jackson, D.A. *see* Rao, Y.J. 67487
Jackson, D.A. *see* Rao, Y.J. 98022
Jackson, D.A. *see* Rathod, R. 52881
Jackson, D.J. Photonic processors: a systems approach 82767
Jackson, D.J. *see* Mason, P.D. 73038
Jackson, D.M. *see* Adelberg, L.K. 77714
Jackson, D.R. *see* Nghiem, D. 80563
Jackson, D.R. *see* Ostner, H. 57241
Jackson, E.M. *see* Weaver, B.D. 72230
Jackson, F. *see* Gaska, T. 88666
Jackson, F. *see* Li, Y.-M. 100532
Jackson, G. Results from beam diffusion and collimation measurements in preparation for Fermilab Tevatron crystal extraction 66960
Jackson, G. Extraction from the Fermilab Tevatron using channeling with a bent crystal 67195
Jackson, G. Design, implementation, and results from a longitudinal phase space tomography (PST) monitor in the Fermilab Main Ring 76587
Jackson, G., Buchanan, E., Budlong, J., Harms, E., Hurh, P., McGinnis, D., Pasquinelli, R., Peterson, D., Poll, D., Seifrid, P. Bunched beam stochastic cooling in the Fermilab Tevatron Collider 87876
Jackson, G. *see* Carrigan, R.A., Jr. 59039
Jackson, G. *see* Chou, P.J. 87704
Jackson, G. *see* Hurh, P. 76447
Jackson, G. *see* Lu, X. 87705
Jackson, G. *see* Meisner, K. 76620
Jackson, G. *see* Teeter, D. 80823
Jackson, G. *see* Teeter, D. 92609
Jackson, G. *see* Wohlert, R.M. 80824
Jackson, G. *see* Wohlert, R.M. 92610
Jackson, G.B. *see* Hamilton, A. 49605
Jackson, G.B. *see* Murray, A.F. 61837
Jackson, G.P. *see* Kourbanis, I. 87845
Jackson, H.E. *see* Ahn Goo Choo 72392
Jackson, H.E. *see* Naghski, D.H. 72417
Jackson, H.E. *see* Ring, Z. 70111
Jackson, J. *see* Bogden, D. 78970
Jackson, J.E., Himelick, J.A., Wright, C.D. Commercial vehicle applications of object detection systems 78961
Jackson, J.K. *see* King, D.L. 100710
Jackson, J.N. *see* Kiourkos, S. 88011
Jackson, J.W. *see* Danby, G.T. 76857
Jackson, J.W. *see* Danby, G.T. 87672
Jackson, J.W. *see* Danby, G.T. 87673
Jackson, K.D., McCulloch, M.D., Landy, C.F. A study of the suitability of electric drives to the task of driving conveyors 69127
Jackson, K.P., Flint, E.B., Cina, M.F., Lacey, D., Kwark, Y., Trewhella, J.M., Caulfield, T., Buchmann, P., Harder, Ch., Vettiger, P. A high-density, four-channel, OEIC transceiver module utilizing planar-processed optical waveguides and flip-chip, solder-bump technology 72648
Jackson, L.B. An improved Martinet/Parks algorithm for IIR design with unequal numbers of poles and zeros 64442
Jackson, L.B. *see* Laakso, T.I. 70735
Jackson, L.T., Luchini, K., Lutz, I. Magnet power supply system for the ALS storage ring and booster 68744
Jackson, M.A. *see* Fuller, L.F. 54384
Jackson, M.C. *see* Lasnier, C.J. 63879
Jackson, M.K., Burley, G.S. Modelling dispersive optical fibres with a circuit simulator 72343
Jackson, M.S., Wang, R., Wyatt, F.E. DEFINITY system G3V2 is made for global business 58260
Jackson, M.S. *see* Wrench, A.A. 98988
Jackson, P., Sullivan, J. The inequality of equal accounting rates 96303
Jackson, P.L., Bundschuh, W.L., Weaver, M.D., Smith, C.E., Jr., Thompson, J.R. Utility energy conservation programs for the pulp and paper industry 79065
Jackson, R. In-line semi aqueous cleaning 90955
Jackson, R. *see* Costa, J.C. 80719
Jackson, R. *see* Wall, S. 90154
Jackson, R.D. *see* Van Woerden, J.A. 98990
Jackson, R.H., Freund, H.P., Pershing, D.E., Taccetti, J.M. The coaxial hybrid iron (CHI) wiggler 53118
Jackson, R.H. *see* Freund, H.P. 50870
Jackson, R.H. *see* Freund, H.P. 50875
Jackson, R.H. *see* Freund, H.P. 63892
Jackson, R.H. *see* Pershing, D.E. 92886
Jackson, R.W. An electromagnetic model for determining resonance frequencies of low cost MMIC packages 80747
Jackson, S.D., Piper, J.A. Theoretical modeling of a diode-pumped Nd:YAG laser with a solid nonfocusing pump light collector 50761
Jackson, S.J. *see* Barclay, P.J. 85680
Jackson, S.L., Fresina, M.T., Baker, J.E., Stillman, G.E. High-efficiency silicon doping of InP and $In_{0.53}Ga_{0.47}As$ in gas source and metalorganic molecular beam epitaxy using silicon tetrabromide 55713
Jackson, S.L., Thomas, S., Fresina, M.T., Ahmari, D.A., Baker, J.E., Stillman, G.E. Silicon doping of InP, GaAs, $In_{0.53}Ga_{0.47}As$ and $In_{0.49}Ga_{0.51}P$ grown by gas source and metalorganic molecular beam epitaxy using a $SiBr_4$ vapor source 54898
Jackson, T. *see* Barnwell, P. 91871
Jackson, T.J., Engman, E.T., Le Vine, D., Schmugge, T.J., Lang, R., Wood, E., Teng, W. Multitemporal passive microwave mapping in MACHYDRO'90 59585
Jackson, T.J., Le Vine, D.M., Schiebe, F.R., Schmugge, T.J. Large area mapping of soil moisture using passive microwave radiometry in the Washita'92 experiment 77453
Jackson, T.N. *see* Ransom, C.M. 55590
Jackson, T.N. *see* Ransom, C.M. 71272
Jackson, W., Martin, K.M., O'Keefe, C.M. Multisecret threshold schemes 73752
Jackson, W.B. *see* Nickel, N.H. 81492
Jacob, A.R. *see* Hung, N.L. 51934
Jacob, D., Bretenaker, F., Pourcelot, P., Rio, P., Dumont, M., Dore, A. Pulsed measurement of high-reflectivity mirror phase retardances 56837
Jacob, F. *see* Allport, P.P. 76752
Jacob, G. Use your spectrum analyzer to perform more tasks 97829
Jacob, G. *see* Regreny, P. 55567
Jacob, J.-B., Gabriagues, J.-M., Masetti, F. Photonic broadband switching systems: count down to the new millenium 52503
Jacob, J.B., Gabriagues, J.M. Very high bit rate optical switch for ATM applications 65543
Jacob, J.B. *see* Casoni, M. 86017
Jacob, J.B. *see* Gabriagues, J.M. 97301
Jacob, J.M. *see* Kawanishi, S. 65782
Jacob, J.M. *see* Mori, K. 82586
Jacob, P. *see* Steiner, F.P. 79168
Jacob, R.J. *see* Marzouk, H.A. 79953
Jacob, T. *see* Meyer-Hilberg, J. 65961
Jacob, T. *see* Meyer-Hilberg, J. 77125
Jacobi, K. *see* Scholz, S.M. 79798
Jacobi, P.C., Miliczek, K.-D., Zrenner, E. Experiences with the international standard for clinical electroretinography: normative values for clinical practice, interindividual and intraindividual variations and possible extensions 67539
Jacoboni, C. *see* Quade, W. 92911
Jacoboni, C. *see* Rossi, F. 62642
Jacobs, D.P. Undecidability of Winkler's *r*-neighborhood problem for covering digraphs 48775
Jacobs, D.W., Chennubhotla, C. Segmenting independently moving, noisy points 96070
Jacobs, D.W. *see* Alter, T.D. 84698
Jacobs, E.L. *see* Hall, C.A. 90338
Jacobs, E.M.G.P. *see* Berkhoff, A.P. 76977
Jacobs, H., von Schwerin, A., Scharfetter, D., Lau, F. MOSFET reverse short channel effect due to silicon interstitial capture in gate oxide 93396
Jacobs, H. *see* Maly, W. 93542
Jacobs, H. *see* Schwerin, A. 62820
Jacobs, J.B. *see* Hang Hu 93388
Jacobs, J.B. *see* Su, L.T. 62749
Jacobs, J.B. *see* Su, L.T. 81911
Jacobs, J.B. *see* Su, L.T. 93466
Jacobs, K. *see* Griesche, J. 61289
Jacobs, K. *see* Griesche, J. 61290
Jacobs, K. *see* Ihloff, E. 87649
Jacobs, K. *see* Zemke, D. 48898
Jacobs, K.D., McAllister, B.G., Flanz, J.B. Use of design codes for on-line beam diagnostics at the MIT-Bates Accelerator 76578
Jacobs, K.D. *see* Flanz, J.B. 76342
Jacobs, K.D. *see* Flanz, J.B. 76496
Jacobs, L.J. *see* Costley, R.D., Jr. 70206
Jacobs, P., Suls, J., Sansen, W. Performance of a planar differential-conductivity sensor for urea 98125
Jacobs, R., Haber, S. Organizational processes and nuclear power plant safety 89445
Jacobs, S. *see* Tachelet, W. 50688
Jacobs, S.W. Retrofitting infrared reflow furnaces 81061
Jacobs-Cook, A.J., Bowen, M.E.C. Planar fibre-optic interface for silicon microresonators 87223
Jacobs-Perkins, D. *see* Chia-Chi Wang 72584
Jacobs-Perkins, D. *see* Chia-Chi Wang 72601
Jacobsen, E., Baum, J. Simple pressure switches comprise transducers, comparators, and op amps 87100
Jacobsen, F. A note on the accuracy of phase compensated intensity measurements 66781
Jacobsen, F.M. *see* Anashin, V.V. 98393
Jacobsen, G. Low IF quadrature optical high sensitivity ASK receivers 65831
Jacobsen, G., Farre, J., Tromborg, B., Bodtker, E. Transmission with nonlinearly-induced phase noise in long-haul systems utilizing concatenated optical amplifiers 97311
Jacobsen, R. *see* Arnaudon, L. 66851
Jacobsen, S., Hogda, K.A. Estimation of the real aperture radar modulation transfer function directly from synthetic aperture radar ocean wave image spectra without a priori knowledge of the ocean wave height spectrum 77531
Jacobsen, S. *see* Hogda, K.A. 77483
Jacobsen, S.M. *see* Novo-Gradac, A.d. 73035
Jacobsmeyer, J.M. Improving throughput and availability of cellular digital packet data (CDPD) 65675
Jacobson, C.P. Fiber optic sensors for Navy ships 52910
Jacobson, D.C. *see* Gossmann, H.-J. 81422
Jacobson, D.C. *see* Zheng, B. 56568

Jacobson, J.D. *see* Bobbio, S.M. 57061
Jacobson, M.D., Fedor, L.S., Hazen, D.A., Madsen, W.B., Francis, M.H., Kremer, D.P. A dual frequency mm-wave radiometer antenna for airborne remote sensing of atmosphere and ocean 99181
Jacobson, M.W. *see* Rankin, J. 79923
Jacobson, R.E., Palmer, J.R. Determination and enhancement of image contrast by optical methods in conventional photographic and video image capture systems 98103
Jacobson, V. *see* Floyd, S. 74725
Jacome, M.F., Director, S.W. A formal basis for design process planning and management 90910
Jacomino, M. *see* Crepaux, S. 49396
Jacovitti, G., Scarano, G. Hybrid nonlinear moments in array processing and spectrum analysis 74075
Jacquart, P.M. *see* Acher, O. 98267
Jacquelin, J. *see* Cacciari, M. 61066
Jacquemin, J.P. *see* Dael, A. 88260
Jacquemod, G. *see* Mathias, H. 91726
Jacquemot, S., Bruneau, J., Da Silva, L.B., Decoster, A., Desenne, D., Le Breton, J.P., Louis-Jacquet, M., MacGowan, B.J., Matthews, D.L. Effects of line focus width narrowing on amplification in Ne-like Se X-ray laser experiments 50742
Jacques, A. *see* Fayet, C. 64938
Jacques, L.V. *see* Amin, M. 78307
Jacques, P. *see* Abe, K. 88115
Jacques, P. *see* Antilogus, P. 59064
Jacques, P. *see* Antilogus, P. 59127
Jacques, P. *see* Georgel, B. 89593
Jacquet, D., Saucier, G. Design of a digital neural chip: application to optical character recognition by neural network 49596
Jacquet, F. *see* Specka, A. 76597
Jacquet, J. *see* Gabriagues, J.M. 97301
Jacquet, J. *see* Gaumont-Goarin, E. 56787
Jacquet, L., Jaud, J., Ratti, G., Klinger, J. Scaling up of CFB boilers the 250 MWe GARDANNE CFB project 89602
Jacquier, B. *see* Guy, S. 56715
Jacquier, B. *see* Jurdyc, A.M. 50670
Jacquier, B. *see* Kaminskii, A.A. 94438
Jacquin, A. *see* Bist, A. 85018
Jacyna, G.M. *see* Sagar, V. 83947
Jadrny, P. *see* Busov, B. 90276
Jae Chang Kim *see* Sang Hoon Chai 80522
Jae Chang Shim, Gi Seok Kim, Jun Jae Lee, Bolle, R.M., Yeong Ho Ha New texture recognition method using local weighting averaged texture units 64871
Jae Chang Shim *see* Jae Hwui Bae 74400
Jae Chang Shim *see* Jun Jae Lee 95888
Jae Choong Han, Georghiades, C.N. Maximum-likelihood sequence estimation for fading channels via the EM algorithm 74140
Jae Chung, Chung-Kuan Cheng Skew sensitivity minimization of buffered clock tree 93571
Jae Do Kim, Young Guon Kim, Guang Sup Cho, Kuk Jin Chun Proximity effect in electron beam lithography 71449
Jae Eung Oh *see* Doo Sik Shin 81566
Jae Gue Lee *see* Jung Ok Park 55779
Jae Gyu Hwang *see* Jong Sun Ko 89836
Jae Hak Lee *see* Hwan Seong Moon 61965
Jae Hee Won, Soo Ik Chae A backpropagation learning algorithm for pRAM networks 70803
Jae Heon Shin, Yong-Hee Lee, Bun Lee, Jong-Hyob Baek, Meeyoung Yoon In-situ laser reflectometry applied to the growth of $AlAs/Al_xGa_{1-x}As$ Bragg reflectors by MOCVD, and calibration of refractive index at high temperature 76227
Jae Heung Lee, Jong Wha Chong Performance-driven multi-levelizer for multilevel logic synthesis 92119
Jae Heung Lee *see* Kyu Hyeon Kang 70421
Jae Ho Kim, Goo Soo Kang, Seo Kyu Kim, Jin Woo Lee, Bang Won Lee, Yoon Soo Kim, Seuk Pal Cho, Sung Han Ha Development of a single-chip application-specific DSP for the next generation fax image processing 65229
Jae Ho Lee *see* Kwan Ho Song 96905
Jae Ho Shin *see* In Shig Park 81941
Jae Hoon Ahn, Ho Youl Jung, Tao Young Choi A pyramid data structure for progressive lossless image transmission 74811
Jae Hwang Lee, Chu Shik Jhon Design and implementation of rule-based mask layout transformation system 91767
Jae Hwui Bae, Jin Soo Choi, Jae Chang Shim, Yeong Ho Ha Image restoration using directional multistage morphological filter 74400
Jae Hyuk Park *see* Gi Hun Lee 86663
Jae Hyun Kim, Jong Kyu Lee Performance analysis of a BRAM (the broadcast recognizing access method) protocol in a wireless LAN 74723
Jae Hyun Park, Kurz, L. ICM filters for image restoration 74532
Jae Hyun Yang Harmonic analysis on the quotient spaces of Heisenberg groups. II 91268
Jae Ik Woo, Hong Joo Lim, Jin Jang Polycrystalline silicon thin film transistors deposited at low substrate temperature by remote plasma chemical vapor deposition using SiF_4/H_2 81915
Jae jin Park *see* Dae jeong Kim 70698
Jae Kap Jung, Kee Tae Han, Sung Ho Choh, Chang Suk Kim Nuclear quadrupole resonance gaussometry of low magnetic fields 58953
Jae Ki Sim *see* Jeong Rae Ro 70021
Jae Kim Pyung *see* Pyung Jae Kim
Jae Kong Kim *see* Duck Hyun Kim 69665
Jae Kwon Eem A comparison of system performances between rectangular and polar exponential grid imaging system 95996
Jae Kyoung Lee *see* Dong Do Lee 93864
Jae Kyoung Mun *see* Jong-Lam Lee 81960
Jae Lee Jun *see* Jun Jae Lee
Jae Lee Yong *see* Yong Jae Lee
Jae Moon Jo *see* Jechang Jeong 86735
Jae Moon Sang *see* Sang Jae Moon
Jae Pyo Hong *see* Tae Hyung Kim 95025
Jae Pyung Mah, Chi Sun Park, Su Hyon Paek, Yoo Sang Hwang, Sang Hun Paek, Jin Seog Choi, Hyun Choon Cho Formation conditions of PZT thin films for ULSI—a study on the formation and characteristics of PZT thin films by rapid thermal annealing 71860
Jae Soo Yoo, Yongtae Ko, Hansaeng Kim, Georgui Pak, Gabgyu Lim, Taeil Kim Temperature dependence of threshold current of transverse single-mode InGaAsP/InGaP buried-heterostructure laser 63757
Jae Suk Lee *see* Hwan Seong Moon 61965
Jae Yeol Rheem, Hyoung Ill Kim, Beum Hun Kim, Sou Guil Ann A time-domain parameter extraction method for speech recognition using the local peak-to-peak interval information 95326
Jae Yeong Kim *see* Byoung Ju Lee 71683
Jae-Bum Hong, Lee, B.W., Kyosik Lee, Youngjin Kim Computationally minimized 6.8 kbps CELP for real-time recorder with a 16-bit fixed point DSP core 73904
Jae-Bum Hong *see* Youngjin Kim 73924
Jae-Chul Cho *see* Yim-Kul Lee 50955
Jae-Duk Moon, Suk-Hwan Chung, Kun-Taek Lee Control of corona characteristics with third electrode and bias voltage 82137
Jae-Gyung Ahn, Chiang-Sheng Yao, Young-June Park, Hong-Shick Min, Dutton, R.W. Impact ionization modeling using simulation of high energy tail distributions 81908
Jae-Gyung Ahn *see* Woo-Sung Choi 62638
Jae-Hong Yim, Yong-Jin Park Implementation and performance evaluation of referenced data transfer protocol for interworking between heterogeneous distributed applications 85285
Jae-Hwan Kim, Varadan, V.V., Varadan, V.K. Finite element modeling of a finite piezoelectric sensor/actuator embedded in a fluid-loaded plate 93786
Jae-Hyeong Lee *see* Do-Chan Choi 70532
Jae-il Jung, Gravey, A. QoS management and performance monitoring in ATM networks 96462
Jae-il Jung *see* Seret, D. 96804
Jae-Joon Suh, Chi-Hyuck Jun Performance analysis of the knockout switch with input buffers 64979
Jae-Kab Lee, Youn Sik Park The complex envelope signal and an application to structural modal parameter estimation 57451
Jae-Ki Sim *see* Seong-Ju Park 69983
Jae-Kyoon Kim *see* Joo-Hee Moon 95791
Jae-Mook Kim *see* Hyo-Derk Park 52971
Jae-Seung Lee, Chang-Sup Shim Bit-error-rate analysis of optically preamplified receivers using an eigenfunction expansion method in optical frequency domain 75473
Jae-Suk Lee, Sugioka, K., Toyoda, K., Offenhausser, A., Knoll, W., Sasabe, H. Micropatterning of cultured cells on polystyrene surface by using an excimer laser 71016
Jae-Woong Jung *see* Jung Jae-Woong
Jae-Woong Ko, Soo-Young Lee, Hai-Doo Kim, Kook-Hyun Ha, Joong-Ho Ahn, Hyung-Sik Chung, Togano, K., Maeda, H. Fabrication of $Bi_2Sr_2CaCu_2O_x/Ag$ superconducting tape using a screen-printing method 82333
Jaeckel, H. *see* Kozlovsky, W.J. 72889
Jaecklin, A.A. *see* Johnson, C.M. 55939
Jaecklin, V.P., Linder, C., Brugger, J., de Rooij, N.F., Moret, J.-M., Vuilleumier, R. Mechanical and optical properties of surface micromachined torsional mirrors in silicon, polysilicon and aluminum 63532
Jaecklin, V.P., Linder, C., de Rooij, N.F., Moret, J.-M., Vuilleumier, R. Optical microshutters and torsional micromirrors for light modulator arrays 56404
Jaecklin, V.P., Linder, C., de Rooij, N.F., Moret, J.-M., Vuilleumier, R. Line-addressable torsional micromirrors for light modulator arrays 56433
Jaecklin, V.P. *see* Indermuehle, P.-F. 68925
Jaeger, A.A., Boutonnet, C., Delpierre, P., Waisbard, A., Plisson, F. A sparse data scan circuit for pixel detector readout 67370
Jaeger, H.M. *see* Bakker, S.J.M. 63294
Jaeger, J.J., Boutonnet, C., Delpierre, P., Waisbard, J., Plisson, F. A sparse data scan circuit for pixel detector readout 67373
Jaeger, K., Bende, G., Hoffmann, W., Hezel, R. Performance of bifacial MIS-inversion layer solar cells encapsulated in novel albedo collecting modules 100727
Jaeger, M., Tzidony, D., Zehavi, A. A procedure for acceptance test of explosives 79227
Jaeger, M.A. *see* Ballis, R.J. 99893
Jaeger, N.A.F., Kato, H. The use of integrated optics Mach-Zehnder interferometers in high-voltage sensing 99659
Jaeger, N.A.F., Rahmatian, F. Bias of integrated optics Pockels cell high-voltage sensors 52831
Jaeger, N.A.F., Rahmatian, F. Calculation of the effective index for nonguiding regions: reply to comment 94151
Jaeger, N.A.F. *see* Rahmatian, F. 97937
Jaeger, P.A. *see* Hance, W.B. 92791
Jaeger, R.C., Suhling, J.C., Carey, M.T., Johnson, R.W. A piezoresistive sensor chip for measurement of stress in electronic packaging 97983
Jaeger, R.C., Suhling, J.C., Ramani, R. Errors associated with the design, calibration and application of piezoresistive stress sensors in (100) silicon 58730
Jaeger, R.C. *see* Balch, S.E. 91072
Jaeger, R.C. *see* Cressler, J.D. 62702
Jaeger, R.C. *see* Nowell, R.M. 91083
Jaeger, R.C. *see* Richey, D.M. 62704
Jaeger, U. *see* Blaabjerg, F. 100288
Jaegermann, W. *see* Lang, O. 69971
Jaegermann, W. *see* Lang, O. 71154
Jaegermann, W. *see* Loher, T. 70038
Jaegle, P. *see* Jamelot, G. 50729
Jaegle, P. *see* Rus, B. 50724
Jaeho Yuk *see* Duckchool Lee 52825
Jaehong Park, Rizzoni, G. An eigenstructure assignment algorithm for the design of fault detection filters 74003
Jaehong Park *see* Park Jaehong
Jaekel, C., Barth, R., Roskos, H.G., Kurz, H. End-point detection by sputtered neutral mass spectrometry in ion milling of prepatterned semiconductor and high-T_c superconductor films 93246
Jaekyong Cho, Suresh Santhanam, Tan Le, Mountfield, K., Lambeth, D.N., Stancil, D., Ross, W.E., Lucas, J. Design, fabrication, switching, and optical characteristics of new magneto-optic spatial light modulator 82748
Jaekyun Moon, Carley, L.R. Efficient sequence detection for intersymbol interference channels with run-length constraints 95366
Jaekyun Moon, Sian She Constrained-complexity equalizer design for fixed delay tree search with decision feedback 82273
Jaekyun Moon, Sian She Optimal filter design for fixed delay tree search with decision feedback 84550
Jaekyung Chung *see* Seong-Ik Jang 66063
Jaen, M. *see* Colombo, E. 51628
Jaenen, P. *see* Pforr, R. 71461
Jaenisch, H.M., Handley, J.W., Scoggins, J., Carroll, M.P. Atmospheric turbulence optical model (ATOM) based on fractal theory 94843
Jaenkar, P. *see* Rudolph, K. 67392
Jaeschke, A., Keller, H.B. Innovative process control technology in thermal waste treatment: use of knowledge-based systems, fuzzy controllers and neural nets 99302
Jaeschke, E., Kramer, D., Kuske, B., Kuske, P., Scheer, M., Weihreter, E., Wustefeld, G. Lattice design for the 1.7-GeV light source BESSY II 67275
Jaeschke, E. *see* Grieser, M. 76310
Jafar, M., Haneman, D. Switching in amorphous-silicon devices 62649
Jafar, M., Haneman, D. Magnetic quantum effects in amorphous-hydrogenated-silicon double Schottky diodes 93309
Jaffe, A.B., Stavins, R.N. The energy paradox and the diffusion of conservation technology 69034
Jaffe, D.L. Responsive environment [mobility aids for the visually impaired] 53469
Jaffe, J.S. *see* McGehee, D. 99253
Jaffe, J.S. *see* Palowitch, A.W. 59573
Jaffe, M. *see* Mii, T. 62813
Jaffee, J. *see* Costa, J.C. 80719
Jaffery, T.S., Butteris, J., Wake, M. Automated methods of field harmonic signal extraction and processing for the magnets in superconducting supercollider 93975
Jaffery, T.S., Coombes, R., Devred, A., DiMarco, J., Ogitsu, T., Sims, R.E., Tompkins, J.C., Wake, M., Bossert, R., Carson, J., Delchamps, S.W., Gonczy, I., Gourlay, S., Hanft, R., Lamm, M.J., Mazur, P., Orris, D., Strait, J. Fermilab-built SSC collider dipoles using low temperature curing insulation systems with and without glass tape 76656
Jaffery, T.S. *see* Wake, M. 87685
Jaffrezic-Renault, N. *see* Clechet, P. 90320
Jaffrezic-Renault, N. *see* Nyamsi Hendji, A.M. 98139
Jaffrezic-Renault, N. *see* Rocher, V. 66224
Jaffrezic-Renault, N. *see* Ronot, C. 66522
Jafri S.Zafar H. *see* S. Zafar H. Jafri
Jagadish, C. *see* Kraisingdecha, P. 71317
Jagadish, H.V. Databases for networks 65190
Jagadish, R. *see* Poovamma, P.K. 68681
Jagannadham, K., Narayan, J., Chowdhury, R., Tsvetanka, Z., Tiwari, P. Domain epitaxial growth of TiN/Si(001), TiN/GaAs(001), and

Si/TiN/Si(001) heterostructures by laser physical vapor deposition: theory and experiment 91465
Jagannadham, K. *see* Narayan, J. 61424
Jagannath, S.V., Viniotis, I. A novel architecture and flow control scheme for private ATM networks 57956
Jagannathan, G.V. *see* Bhat, I.B. 61257
Jagannathan, P., Huang, W.S., Katnani, A.D., Hefferon, G.J., Wood, R.L. Environmentally stable chemically amplified DUV resist based on diazoketone chemistry 81615
Jagannathan, V., Gollapudy, C., Karinthi, R., Srinivas, K., Reddy, R., Reddy, S. Architectural alternatives for community care networks 74979
Jagasivamani, V., Johnston, P.H. A novel ultrasonic probe for the evaluation of corrosion in aluminum aircraft panels 91661
Jagd, A. *see* Myken, S. 65065
Jagdhold, U., Bauch, L., Wolff, A., Bauer, J. Novel spacer technique by silylation: experiment and simulation 81651
Jagdhold, U. *see* Bauch, L. 71468
Jager, A., Pourtier, F., Villegier, J.-C. Dynamics of field effect devices with ultra thin YBaCuO-PrBaCuO multilayer channels 93941
Jager, A. *see* Doler, W. 59282
Jager, C.W.de *see* de Jager, C.W.
Jager, D. *see* Mertin, W. 80804
Jager, D. *see* Stohr, A. 82709
Jager, G.de *see* de Jager, G.
Jager, J. Use of a precision mercury manometer with capacitance sensing of the menisci 66725
Jager, J. *see* Legras, J.C. 66753
Jager, K.-W., Kratz, N. Application-specific functionality of DP systems: simultaneous and process-oriented working 79296
Jager, R. Causal time series analysis exemplified by the telephone traffic 96538
Jager, R. *see* Blecha, J. 89142
Jager-Waldau, A., Lux-Steiner, M.Ch., Bucher, E. MoS_2, $MoSe_2$, WS_2 and WSe_2 thin films for photovoltaics 90392
Jager-Waldau, A., Lux-Steiner, M.Ch., Bucher, E., Jager-Waldau, G. WS_2 thin films a new candidate for solar cells 100661
Jager-Waldau, G., Habermeier, H.-U., Zwicker, G., Bucher, E. Electron beam induced current investigations of active electrical defects in silicon due to reactive ion etching and reactive ion beam etching processes 49760
Jager-Waldau, G., Habermeier, H.-U., Zwicker, G., Bucher, E. EBIC and AFM studies of reactive ion and reactive ion beam etched silicon for damage depth research 81521
Jager-Waldau, G. *see* Jager-Waldau, A. 100661
Jager-Waldua, G., Habermeier, H.-U., Zwicker, G., Bucher, E. Electron-beam-induced current and atomic force microscopy studies on silicon etch steps created by reactive ion etching and reactive ion beam etching 55544
Jaggard, D.L. Response to "Comments on 'Radiation and scattering from thin wires in chiral media'" 57103
Jaggard, D.L. *see* Flood, K.M. 63695
Jaggers, H.C. *see* Peacock, S.J. 87318
Jaggi, A. *see* Scherschel, M. 67289
Jaggi, B. *see* Pontifex, B. 76088
Jagler, K. *see* Del Marco, S. 57598
Jagodzinski, A.P. *see* Pearce, P.D. 48620
Jagoszewski, E. Fourier transform holographic lenses 64009
Jagoszewski, E. Fourier transform holographic lens in the telecentric readout configuration 64010
Jahan, M.M., Anwar, A.F.M. Study of shot noise in a double barrier resonant tunneling structure 62625
Jaheen, Z.F. Bayesian approach to prediction with outliers from the Burr type X model 91232
Jahn, A. *see* Bottcher, A. 65742
Jahn, P. *see* Bojna, I. 54061
Jahn, S.G. *see* Hofsass, H. 71274
Jahne, B. Analytical studies of low-level motion estimators in space-time images using a unified filter concept 84800
Jahne, B., Geissler, P. Depth from focus with one image 84679
Jahnel, L., Da Silva, G. Study of energy ramping process applied to the LNLS synchrotron light source (Brazil) 66956
Jahnen, T. *see* Schwille, W.J. 76785
Jahnes, C.V. *see* Mirzamaani, M. 63236
Jahnes, C.V. *see* Petek, B. 50232
Jahnes, C.V. *see* Trouilloud, P.L. 63175
Jahng-Hyon Park, Asada, H. Sequence optimization for high speed robotic assembly using simulated annealing 90950
Jahns, J., Sauer, F., Tell, B., Brown-Goebeler, K.F., Feldblum, A.Y., Nijander, C.R., Townsend, W.P. Parallel optical interconnections using surface-emitting microlasers and a hybrid imaging system 63612
Jahns, J. *see* Sauer, F. 56396
Jahns, T. *see* Forlenzo, D.J. 85558
Jahns, T.M. Motion control with permanent-magnet AC machines 89796
Jai, R. *see* Hu, V. 88649
Jai Chul Song, Hyung Jin Choi A study on new digital carrier recovery loop for PSK signal 91957
Jai Hie Kim *see* Byung Hwan Jun 95879
Jai Singh *see* Furong Zhu 100702
Jai Sock Choi, Hyeon Kyeong Seong Design of multiple valued logic circuits with ROM type using current mode CMOS 61676
Jai Yong Lee *see* Cheeha Kim 96227
Jai-Chan Lee *see* Soon-Gil Yoon 79821
Jaillet, P. *see* Goldschmidt, O. 61106
Jaimungal, S. *see* Yamakoshi, H. 67413
Jain, A., Panchanathan, S. Scalable compression for image browsing 84914
Jain, A. *see* Gupta, R. 76648
Jain, A. *see* Lindner, M. 82420
Jain, A. *see* Muratore, J. 82419
Jain, A. *see* Thompson, P. 76655
Jain, A. *see* Wanderer, P. 82421
Jain, A. *see* Wanderer, P. 82422
Jain, A.E. *see* Dubuisson, M.-P. 84697
Jain, A.K. Binary optic laser scanner for LADAR/LIDAR and other applications 97431
Jain, A.K. *see* Dubuisson, M.-P. 96023
Jain, A.K. *see* Gupta, R.C. 76659
Jain, A.K. *see* Jianchang Mao 74625
Jain, A.K. *see* Kahn, S.A. 76651
Jain, A.K. *see* Newman, T.S. 69611
Jain, A.K. *see* Pankanti, S. 84805
Jain, A.K. *see* Solberg, A.H.S. 77321
Jain, F., Krishnakumar, N. Network support for personal information services to PCS users 86172
Jain, F. *see* Gokhale, M. 62973
Jain, F.C. *see* Islam, S.K. 71621
Jain, F.C. *see* Tihanyi, P.L. 72914
Jain, J. *see* Bitner, J. 70372
Jain, J. *see* Mukherjee, R. 49378
Jain, K. *see* Bagai, I. 61025
Jain, K.K. *see* Sharma, J.K.N. 76253
Jain, L.C. *see* Bolton, A.G. 84612
Jain, L.C. *see* Rowland, J.G. 54358
Jain, N. *see* Chinoy, P. 92583
Jain, N. *see* Onno, P. 80764
Jain, P., Gopalakrishnan, G. Efficient symbolic simulation-based verification using the parametric form of Boolean expressions 80030
Jain, P., Quaicoe, J.E., Jain, P. Modeling and analysis of fixed frequency phase-shift modulated tertiary-side parallel-tuned resonant DC-DC converter 68773
Jain, P., Tanju, M.C. A unity power factor resonant AC/DC converter for high frequency space power distribution system 99109
Jain, P. *see* Jain, P. 68773
Jain, P.C. Architecture for VLSI implementation of discrete cosine transform processor for video codec 80374
Jain, P.C. Digital HDTV system 86742
Jain, P.K., Basu, B.N. A review on some aspects of a gyro-TWT 71051
Jain, P.K. *see* Ghosh, S. 55523
Jain, P.K. *see* Tanju, M.C. 78724
Jain, R., Yi-Bing Lin, Lo, C., Mohan, S. A caching strategy to reduce network impacts of PCS 97062
Jain, R. *see* Chien, C. 97007
Jain, R. *see* Harjono, H. 85592
Jain, R. *see* Molloy, S. 97699
Jain, R. *see* Mujumdar, A. 70374
Jain, R. *see* Reddy, S.M. 70371
Jain, R. *see* Rim, M. 55050
Jain, R. *see* Yuyan Wu 95717
Jain, R.C. *see* Chiao-Fe Shu 84742
Jain, R.K., Landis, G.A., Wilt, D.M., Flood, D.J. Lattice-mismatched $In_{0.40}Al_{0.60}As$ window layers for indium phosphide solar cells 100689
Jain, R.K. *see* Weinberg, I. 100754
Jain, R.K. *see* Wilt, D.M. 54153
Jain, S., Khorrami, F. Adaptive nonlinear excitation control of power systems with unknown interconnections 89041
Jain, S.B. *see* Dutta Roy, S.C. 92386
Jain, S.C., Bist, K.S., Santara, S.S. Design of a multispectral sensor 76066
Jain, V., Pramanik, D., Weling, M., Gabriel, C., Baker, D., Boardman, W., Eakin, J. A 0.6 micron triple level metal process for high performance application specific integrated circuits 62549
Jain, V. *see* Pramanik, D. 62523
Jain, V.K., Gupta, A., Kumar, A., Singhal, G.K., Kumar, V. Intense light emission in diffused porous silicon junctions 55635
Jain, V.K., Gupta, T. Recent trends in bone growth by electrical stimulation 88520
Jain, V.K., Koo, B. TDMA/FDMA PCN systems: an advanced channel borrowing strategy 75248
Jain, V.K., Lin, L. Image processing using a universal nonlinear cell 49457
Jain, V.K., Lin, L. Image processing using a universal nonlinear cell and the WARP wafer 80350
Jain, V.K. *see* Lin, L. 85079
Jain Ze-Sun *see* Ze-Sun Jain
Jainandunsing, K., Zhao Chen, Das, K., Huang, V.K.L. Synthesis of optimal high performance DSP applications with emerging CAD technologies 84161
Jairath, R., Farkas, J., Huang, C.K., Stell, M., Sing-Mo Tzeng Chemical-mechanical polishing: process manufacturability 71338
Jaisilp, A., Miller, M.J., Lever, K.V. Adaptive multiple-transmission block error control coding based on a minimal hidden Markov model of the HF error channel 97030
Jaisson, D. Transition from a microstrip line to an asymmetrical coplanar waveguide 70920
JaJa, J.F. *see* Liu, K.J.R. 80448
Jajszczyk, A. A growable folded ATM switching fabric architecture 96909
Jajszczyk, A., Kabacinski, W. A growable shared-buffer-based ATM switching fabric 74654
Jajszczyk, A., Macniak, E., Stando, M. TELBANK: a telecommunication network for banking system in Poland 85726
Jajszczyk, A. *see* Garcia-Haro, J. 75078
Jakab, L. *see* Kocsanyi, L. 94231
Jakab, T. *see* Jereb, L. 85366
Jakabovic, J. *see* Tvarozek, V. 66513
Jakl, F. New findings regarding creep of bare overhead conductors and earth wires 68267
Jakl, F. Compensation of nonelastic permanent elongation of conductors and shield wires by assembling of overhead lines 89315
Jaklevic, J. *see* Ludewigt, B. 88063
Jaklevic, J. *see* Ludewigt, B. 98621
Jaklevic, R.C. *see* Scholl, D. 75908
Jaklic, A., Solina, F. Separating diffuse and specular component of image irradiance by translating a camera 95693
Jaklovszky, J. *see* Sandu, V. 79932
Jakob, B. *see* Fuchs, A.M. 94005
Jakob, B. *see* Pasztor, C. 89293
Jakob, H. *see* Burns, A. 76487
Jakob, H.P. *see* Schwille, W.J. 76785
Jakob, J.I. Optimizing constraints for speed: benchmarking temporal logic 80381
Jakobs, A. *see* Hommel, D. 72872
Jakobs, A. *see* Waag, A. 63799
Jakobs, K. Future communication networks: What (public) service providers should provide 96445
Jakobs, K. *see* Henrichs, B. 52030
Jakobson, G., Lemmon, A., Weissman, M. Knowledge-based GUI for network surveillance and fault analysis 58066
Jakobsson, B. *see* Avdeichikov, V.V. 98537
Jakoby, R. Quasi-optical antenna comparator system for millimetric waves 58481
Jakopovic, Z. *see* Bencic, Z. 79341
Jakoubkova, M., Basti, Z., Fiedler, P., Pola, J. IR laser thermolysis of tetramethylgermane for CVD of germanium 48991
Jakowatz, C.V., Jr., Wahl, D.E., Eichel, P.H., Thompson, P.A. New formulation for interferometric synthetic aperture radar for terrain mapping 75576
Jakowatz, C.V., Jr. *see* Wahl, D.E. 74300
Jaksic, Z. *see* Djuric, Z. 52843
Jaksic, Z. *see* Djuric, Z. 52853
Jakubec, S. The congruence for Gauss period 69720
Jakubik, J. On strong superlattices 91250
Jakubiuk, K., Lipski, T. Improvement of Daalder's arc model for HBC fuses 90263
Jakubovics, J.P. *see* Ng, D.H.L. 49025
Jakubowicz, A. Electron beam charging thermography—a novel technique to study thermal effects at mirrors of laser diodes 83125
Jakubowicz, A. *see* Sobierajski, M. 99426
Jakubowski, A. *see* Brozek, T. 71841
Jakubowski, A. *see* Dmowski, K. 71226
Jakubowski, A. *see* Sobierajski, M. 99454
Jakubowski, S. Electronic mail in service of the disabled 52049
Jakusch, H. *see* Veitch, R.J. 50284
Jala, J.F. *see* Liu, K.J.R. 57482
Jalade, J. *see* Sanchez, J.-L. 56553
Jalal, A.M., Farhoud, A.M., Ghandakly, A.A. Adaptive enhancement of synchronous generator stabilizer performance by including the external utility system dynamics 68566
Jalal, A.M. *see* Farhoud, A.M. 68037
Jalali, A., Mermelstein, P. Effects of diversity power control, and bandwidth an the capacity of microcellular CDMA systems 75313
Jalali, A., Mermelstein, P. Effects of multipath and antenna diversity on the uplink capacity of a CDMA wireless system 86180
Jalali, A. *see* Iyengar, V. 85334
Jalali, B., Naval, L., Levi, A.F.J. Si-based receivers for optical data links 75457
Jalali, B. *see* Fetterman, H.R. 80651
Jalali, B. *see* Posse, V.A. 71593
Jalali, B. *see* Posse, V.A. 93354
Jalali, B. *see* Prakash, D.P. 82852
Jalali, S.G., Lasseter, R.H. A study of nonlinear harmonic interaction between a single phase line-commutated converter and a power system 77866
Jalali, S.G., Lasseter, R.H., Dobson, I. Dynamic response of a thyristor controlled switched capacitor 78057
Jalas, P., Niemela, A., Chen, W., Rehak, P., Castoldi, A., Longoni, A. New results with semiconductor drift chambers for X-ray spectroscopy 88315

Jalas, P., Niemela, A., Chen, W., Rehak, P., Castoldi, A., Longoni, A. New results with silicon drift detectors for X-ray spectroscopy 98724
Jalbert, E. *see* Larochelle, Y. 87990
Jalihal, D., Nolte, L.W. Signal detection theory and reconstruction algorithms—performance for images in noise 67527
Jallet, L. *see* Abou chahine, S. 87472
Jallet, L. *see* Deshours, F. 87469
Jallet, L. *see* Deshours, F. 98290
Jalloul, L.M.A., Holtzman, J.M. Performance analysis of DS/CDMA with noncoherent M-ary orthogonal modulation in multipath fading channels 75202
Jalloul, L.M.A., Holtzman, J.M. Multipath fading effects on wide-band DS/CDMA signals: analysis, simulation, and measurements 75209
Jalloul, L.M.A. *see* Holtzman, J.M. 52423
Jalocha, P. *see* Ronnqvist, C. 88024
Jalowiecki, I.P. Progress and status of the WASP3 WSI massively parallel processor 49456
Jalowiecki, I.P. The WASP3 monolithic-WSI massively parallel processor 80348
Jalowiecki, I.P. *see* Anyanwu, C.D. 66156
Jaluria, R. Telephony on cable systems—an economical broadband solution 97669
Jaluria, Y. *see* Choudhury, S.R. 94126
Jamal Aldeen, R.M. *see* Aly, G.M. 97815
Jamali, M.M., Kwatra, S.C. Design of special purpose parallel hardware for real time applications 58351
Jamali, M.M. *see* Tabar, R. 92271
Jamelot, G., Jaegle, P., Carillon, A., Gauthe, B., Goedtkindt, P., Guennou, H., Klisnick, A., Moller, C., Rus, B., Sureau, A., Zeitoun, P. Recombination and collisional X-ray lasers at LULI 50729
Jamelot, G. *see* Rus, B. 50724
Jamerson, C., Long, T., Mullett, C. Seven ways to parallel a magamp 49161
James, B., Anderson, B.D.O., Williamson, R.C. Conditional mean and maximum likelihood approaches to multiharmonic frequency estimation 64485
James, B. *see* Williamson, R.C. 64463
James, B.M. *see* Pfiester, J.R. 70482
James, C.R. *see* Vermeulen, F.E. 94902
James, D.J.G. *see* King, P.J. 57623
James, F. *see* Mijuskovic, D. 49198
James, H.G. Three-dimensional ray paths in cylindrical ducts: upper branch cold plasma O and X modes 94803
James, J.F. On the design of Czerny-Turner charge-coupled device spectrographs 98104
James, J.R., Andrasic, G. Environmental coupling loss effects in superconducting HF loop antenna design 51242
James, K. *see* Hamilton, W.J. 88060
James, K. *see* Hamilton, W.J. 98576
James, M.R., Coldwell, J.N., Belyavin, A.J. The effect of peripheral visual cues on the control of self-stabilization in roll 99075
James, R.M. On the use of Fourier series/FFT's as global basis functions in the solution of boundary integral equations for EM scattering 94764
James, R.P.St John *see* St John James, R.P.
James, R.R., Hendrickson, C.R. Efficacy of frequency on detecting targets in foliage using incoherent change detection 77787
Jameson, A.R. The estimation of rainfall parameters using spaceborne and airborne nadir-pointing radars 77409
Jameson, A.R. An alternative approach to estimating rainfall rate by radar using propagation differential phase shift 88781
Jameson, A.R. Measuring rainwater content by radar using propagation differential phase shift 99202
Jameson, A.R., Caylor, I.J. A new approach to estimating rainwater content by radar using propagation differential phase shift 99203
Jameson, R. *see* Lynch, M.T. 76295
Jameson, R.A. Design for low beam loss in accelerators for intense neutron source applications 87934
Jamet, O. *see* Dang, T. 57820
Jamet, S., Ozkul, C. Photorefractive effect applied to flatten Gaussian beam profiles of near infrared lasers 83270
Jamieson, D.G., Schneider, T. Electroacoustic evaluation of assistive hearing devices 53457
Jamieson, D.G., Schneider, T. Consumer-based electroacoustic hearing aid measures 98962
Jamieson, G., Cheetham, B.M.G., Moruzzi, J.L., Earis, J.E. Spectral analysis of pulmonary sounds 66121
Jamieson, G. *see* Datte, P. 76438
Jamieson, G. *see* Haworth, M. 76408
Jamieson, G. *see* Hurd, J.W. 76441
Jamieson, L. *see* Mitchell, C. 95242
Jamieson, L.H. *see* Harper, M.P. 73846
Jamieson, L.H. *see* Ke Shen 64688
Jamieson, L.H. *see* Mitchell, C.D. 84042
Jamieson, L.H. *see* Ying, G.S. 84134
Jamieson, P.A. *see* Milsom, R.F. 57933
Jamison, W.W. *see* Grimes, G.J. 94314
Jammal, A. *see* Badin, F. 54200
Jammu, D., McEachern, J. Laying the foundation for advanced services [CATV] 75749
Jamoussi, M., Kaminska, B. M-testability: an approach for data-path testability evaluation 49224
Jampala, A.K. *see* Shimko, D. 53621
Jamshidi, M. *see* Kristjansson, E. 89044
Jan, G.J. *see* Chen, J.S. 87621
Jan, G.J. *see* Hsu, K.T. 76555
Jan, G.J. *see* Hwang, C.S. 87448
Jan, J., Gabrhel, B., Haluzikova, J., Kilian, P., Kubak, R., Jr., Provaznik, I. Comparison of different approaches to suppress speckles in ultrasonic tomograms 98766
Jan, S.T. *see* Lin, C.T. 93117
Jan, W. *see* Cunningham, J.E. 48950
Jan, W. *see* Cunningham, J.E. 56425
Jan, W.Y. *see* Goossen, K.W. 82714
Jan, W.Y. *see* Ispasoiu, R.G. 62272
Jan Cheng-Geng *see* Cheng-Geng Jan
Jan Ea-Ee *see* Ea-Ee Jan
Jan Gwo-Jen *see* Gwo-Jen Jan
Jana, P., Kallur, V.A., Drummond, M.A., Nigli, S., Pandey, R.K. Processing and characterization of new members of Pb-K-niobate series 54980
Jana, S. *see* Noor, Y.M. 69569
Jana, S. *see* Yeo, C.Y. 73182
Janabi, T. *see* Sultan, L. 68650
Janakiram, V.K., Chandra, R., Kripalani, A.T., Rudrapatna, A.N., Russell, J.E. Network management needs for the wireless communication environment 75217
Janakiraman, P.A. *see* Rangarao, K.V. 73978
Janapareddi, P. *see* Karady, G.G. 99661
Janardhanan, K.V., Mukundan, K.K., Shenoy, K.S.V. A three beam phased array antenna capable of two frequency harmonic operation 97412
Janaswamy, R. A fast finite difference method for propagation predictions over irregular, inhomogeneous terrain 94798
Jancarik, V. *see* Usak, E. 78690
Jancauskas, J.R. A recommended approach for calculating degraded voltage relay setpoints for nuclear generating stations 60057
Jancauskas, J.R., Shook, D.A. Optimization of station battery replacement [nuclear plant] 89761
Jancauskas, J.R., Shook, D.A. Optimization of station battery replacement [nuclear plant] 99858
Janczewski, L.J., Targowski, A.S. Toward a global telematics policy 65125
Jandel Lin *see* Horng-Chih Lin 81437
Jander, M. The SNMP acid test for desktop management 52031
Jander, M. Management frameworks: moving toward a unified view of distributed networks 52032
Jander, M. Performance management keeps check on client-server systems 65174
Jandhyala, V., Michielssen, E., Mittra, R. FDTD signal extrapolation using the forward-backward autoregressive (AR) model 61217
Jandhyala, V. *see* Sabbarwal, A. 95331
Janecek, J. *see* Blazek, Z. 77016
Janes, D. *see* Keh-Ching Huang 93307
Janes, R., Parker, M.J., Little, M.R. Magnetic field-dependent microwave absorption in $YBa_2Cu_4O_8/YBa_2Cu_3O_7$ mixes: a test of phase purity 56239
Janesch, S. *see* Yau, W. 80827
Janesch, S. *see* Yau, W. 92586
Janezic, M.D. *see* Baker-Jarvis, J. 87052
Janezic, M.D. *see* Baker-Jarvis, J. 98263
Jang, B.K. Morphological scale space for shape smoothing 74533
Jang, J.G., Gildenblat, G. Cryogenic CMOS without an isolation well 71787
Jang, J.H. *see* Zen, H. 86788
Jang, P.W. *see* Hwang, C.H. 50229
Jang, S., Kimoto, T., Matsunami, H. Deep levels in 6H-SiC wafers and step-controlled epitaxial layers 71141
Jang, S.-J. *see* Li, S. 58956
Jang, T.S. *see* Park, J.D. 50215
Jang Do-Hyun *see* Do-Hyun Jang
Jang Dong-Hoon *see* Dong-Hoon Jang
Jang Gwo-Ching *see* Gwo-Ching Jang
Jang Gyu Lee *see* Dohyoung Chung 78651
Jang Hyunsik *see* Hyunsik Jang
Jang Hyunsoon *see* Hyunsoon Jang
Jang Jeong Byeong *see* Byeong Jang Jeong
Jang Jin *see* Jin Jang
Jang Jong-Wook *see* Jong-Wook Jang
Jang Jyh-Ming *see* Jyh-Ming Jang
Jang Keun Bae *see* Sung Yong Kim 74391
Jang Ki Heung *see* Ki Heung Jang
Jang Kwon Jung *see* Jung Jang Kwon
Jang Min-Su *see* Min-Su Jang
Jang Mog Soon *see* Mog Soon Jang
Jang Oh Ki *see* Ki Jang Oh
Jang Ryeol Ryu, Bong Sik Hong A study on the characteristics comparison of source/drain structure for VLSI in n-channel MOSFET 71684
Jang Sei-Joo *see* Sei-Joo Jang
Jang Seok Jin *see* Seok Jin Jang
Jang Seong-Ik *see* Seong-Ik Jang
Jang Seong-Joo *see* Seong-Joo Jang
Jang Tae-Seong *see* Tae-Seong Jang
Jang Won Ick *see* Won Ick Jang
Jang Yi-Feng *see* Yi-Feng Jang
Jang Yungtaek *see* Yungtaek Jang
Jang-Jeng Liang *see* Huey-Min Wang 56392
Jang-Joo Kim, El-Hang Lee Utility potential of nonlinear optical polymers for optical telecommunication and switching applications 56296
Jang-Joo Kim *see* Wol-Yon Hwang 65542
Jangi, S., Merakos, L.F. Performance analysis of reservation random access protocols for wireless access networks 51844
Jangteon Park, Yanghee Choi Design and software implementation of a multimedia traffic generator 96237
Janiczek, R., Mikrut, M., Winkler, W., Zmuda, K. How to increase the attraction and effectiveness of electric power engineering education 79159
Janik, D., Xi De-Xiong, John, D., Valkeapaa, T., Rebuldela, G., Rustagi, V.K., Sass, J. International comparisons at low voltage (0.001 V) and high voltage (100 V) in coaxial line at 30 MHz 86835
Janik, D. *see* Vollmer, E. 86867
Janik, T., Majkusiak, B. Influence of carrier energy quantization on threshold voltage of metal-oxide-semiconductor transistor 62766
Janischewskyj, W., Shostak, V., Hussein, A.M., Dziurewicz, P. Line arresters and parameters of upward-initiated lightning flashes 53817
Janiszewski, A. *see* Michalik, W. 60214
Janjic, D. *see* Levi, V. 68162
Janke, B. *see* Gungerich, V. 80846
Jankovic, D., LaBelle, M., Chang, D.C., Dunn, J.M., Booton, R.C. A hybrid method for the solution of scattering from inhomogeneous dielectric cylinders of arbitrary shape 94763
Jankovic, N.D., Bushehri, E. Theoretical and experimental evaluation of high-voltage CMOS inverters 61508
Jankovic, V., Ruzicky, E., Niepel, L. Smooth morphological transformation of CT and MR medical data 98767
Jankowski, C.R., Jr. *see* Quatieri, T.F. 95320
Jankowski, D.F. *see* Mittelmann, H.D. 54783
Jankowski, M. An iterated facet model approach to background normalization 74377
Jankowski, T. One-step methods for two-point boundary value problems in ordinary differential equations with parameters 69865
Jankowsky, A., Rabbel, M. Desktop multi-media videoconferencing system uses Sun workstation and implements specification 2-GOPS-DSP 85925
Janmye Sung *see* Tzu-Yin Chiu 62712
Janne-Wha Wu, Chun-Yen Chang, Kun-Chuan Lin, Shih-Hsiung Chan, Horng-Dar Chen, Po-An Chen, Chang, E.Y., Mei-Shong Kuo Cation source dependence of $Ga_{0.5}In_{0.5}P$ growth rate by low-pressure metalorganic chemical vapor deposition 69958
Jannson, T. *see* Kim, D.H. 51578
Janocha, H. *see* Jendritza, D.J. 71892
Janos, S. *see* Abplanalp, M. 53309
Janosi, A. *see* Devillers, M. 79924
Janoska, M.W., Todd, T.D. A simplified optical star network using distributed channel controllers 75432
Janossy, M., Mezei, P. Investigations on a high voltage hollow cathode HeKr laser 56628
Janota, R. *see* Kirschner, M. 61813
Janoth, J., Lindner, A., Walther, A., Wegener, D., Appuhn, R.D., Korbel, V. Response of mesh-type photomultiplier tubes in strong magnetic fields 92905
Janowiak, R.M., Sheth, J.N. Visions of the information age — 2021 AD 96317
Janowski, T., Kozak, S. The superconducting OGMS separator optimization 51047
Janowski, T., Surdacki, P. Computations of superconducting magnet's quench processes 50433
Jansch, E. Magnetic levitation technology moves closer to application 100905
Jansche, A., Lemke, N., Eissfeller, B., Fockersperger, S., Fraile-Ordonez, J.M. MOMSNAV: precise navigation package for remote sensing 65981
Janse, R.J.H. *see* van der Woerd, A.C. 80093
Jansen, D., van der Laag, P.C., Oudhuis, A.B.J., Ribberink, J.S. Prospects for advanced coal-fuelled fuel cell power plants 60152
Jansen, E.D. *see* van Leeuwen, T.G. 77047
Jansen, E.J. *see* Tiemeijer, L.F. 50806
Jansen, E.W. *see* Deng, K. 60271
Jansen, H. *see* Gimpel, B. 69511
Jansen, H.V., Gardeniers, J.G.E., Elders, J., Tilmans, H.A.C., Elwenspoek, M. Applications of fluorocarbon polymers in micromechanics and micromachining 54997
Jansen, J.K.M., Mattheij, R.M.M., Penders, M.T.M., Schilders, W.H.A. Stability and efficiency of waveform relaxation methods 61157
Jansen, K. *see* Oswald, R. 90428
Jansen, M. Pitfalls in tariff impact studies 88987
Jansen, M. *see* Ou, S.S. 72909
Jansen, M. *see* Ou, S.S. 83148
Jansen, P.L., Li, L.J., Lorenz, R.D. Analysis of competing topologies of linear induction machines for high speed material transport systems 68594

Jansen, P.L., Lorenz, R.D., Novotny, D.W. Observer-based direct field orientation: analysis and comparison of alternative methods 68611
Jansen, P.L., Lorenz, R.D., Novotny, D.W. Observer-based direct field orientation: analysis and comparison of alternative methods 78637
Jansen, R.H. *see* Engels, M. 92597
Jansen, R.H. *see* John, A. 55423
Jansen, R.M. *see* Bosiers, J.T. 66077
Jansen, R.M. *see* Bosiers, J.T. 87283
Jansen, R.W., Chubb, S.R., Fusina, R.A., Lee, J.S., Marmorino, G.O., Valenzuela, G.R. Modeling of Gulf Stream boundary features in SAR imagery 77427
Jansen, R.W. *see* Marmorino, G.O. 99284
Jansen, S. *see* van der Wel, W. 93582
Jansen, W.A. A second look at the SDNS key management protocol 65053
Jansen, W.J.L. Energy efficient transfer of microwave power to thin lossy dielectrics 57075
Janson, P. *see* Piessens, F. 51813
Janson, W. *see* Furlani, E.P. 83488
Janssen, A.J.E.M. Signal analytic proofs of two basic results on lattice expansions 95499
Janssen, A.J.E.M. *see* de Boer, G. 73192
Janssen, D. *see* Einfeld, D. 59217
Janssen, D. *see* Einfeld, D. 66834
Janssen, E. *see* den Broeder, F.J.A. 50237
Janssen, G.J.M. *see* Mijnarends, P.E. 78834
Janssen, H.H.J.M., ter Maten, E.J.W., van Houwelingen, D. Simulation of coupled electromagnetic and heat dissipation problems 90644
Janssen, J.J., Riedeman, D., Morawska-Kaczynska, M., Storchi, P.R.M., Huizenga, H. Numerical calculation of energy deposition by high-energy electron beams: III. Three-dimensional heterogeneous media 88542
Janssen, J.M.W.M., Jeuken, M.E.J. Reflection and mutual coupling in a special kind of parallel-plate phased antenna arrays 95037
Janssen, L.L.F. *see* Molenaar, M. 67896
Janssen, M., Catthoor, F., De Man, H. A specification invariant technique for operation cost minimisation in flow-graphs 57576
Janssen, V. The train travels. Cessation of investment in electromagnetic compatibility leads to the sidings 83720
Janssens, E. *see* Steyaert, M. 81904
Janssens, G.K. Delay time computation for an active star topology local area network 65248
Janssens, K.G.F., Vanhellemont, J., Maes, H.E., Van der Biest, O. On the quantitative characterization of strain distributions at thin film edges 81408
Janssens, K.G.F. *see* Armigliato, A. 81381
Janssens, N. *see* Garrido, M. 90074
Jansson, B. *see* Strandem, A. 89202
Jansson, D. *see* Baker, K. 86281
Jansson, K. *see* During, C. 74219
Jansson, M.C.O., Ljung, S.P.O., Backstrom, M.G., Wahlgren, B.I. Efficient implementation of a submodel for composite materials to be combined with the FDTD-algorithm 83614
Jansson, R., Arwin, H., Lundstrom, I. Quasi three-dimensional, n-bit optical memory based on the ellipsometric principle: model calculations 94051
Janstrom, T.J. *see* Jhon, M.S. 72143
Janstrom, T.J. *see* Peck, P.R. 63224
Jantsch, A., Ellervee, P., Oberg, J., Hemani, A. A case study on hardware/software partitioning 70411
Jantz, W. *see* Bacumler, M. 81243
Jantzen, J., Ring, P., Christiansen, P. Image segmentation based on scaled fuzzy membership functions 53397
Jantzen, K. *see* Gaetz, W. 77765
Janvier, C., Baril, M., Mary, C. Contextualized reasoning of electrical technicians 79182
Janz, C.F., Keyworth, B.P., Allegretto, W., Macdonald, R.I., Fallahi, M., Hillier, G., Rolland, C. Mach-Zehnder switch using an ultra-compact directional coupler in a strongly-confining rib structure 82718
Janz, S. *see* Cada, M. 73095
Janz, S. *see* Frlan, E. 50960
Janz, S. *see* Frlan, E. 80659
Janz, S. *see* Frlan, E. 97955
Janz, S. *see* Normandin, R. 94462
Janzen, E. *see* Wahab, Q. 70031
Janzura, M., Timo Koski, Antonin Otahal Minimum entropy of error principle in estimation 73569
Jao Jen King *see* Jen King Jao
Jaquier, J.-J. OSI-LAB — accredited as testing location for communication protocols 57970
Jar-Ferr Yang, Hui-Ju Lin Adaptive high-resolution algorithms for tracking nonstationary sources without the estimation of source number 51443
Jar-Ferr Yang *see* Shih-Chang Hsia 86726
Jar-Ferr Yang *see* Shih-Chieh Kim 86766
Jarabo, S. *see* Rebolledo, M.A. 82573
Jaragh, M. *see* Saleh, K. 74746
Jaragh Mansour *see* Mansour Jaragh
Jard, C., Jourdan, G.-V., Jeron, T., Rampon, J.-X. A general approach to trace-checking in distributed computing systems 65076
Jardak, H.G., Livingston, J.N. Concatenated codes using multilevel structures for PSK signalling over the Rayleigh fading channel 83926
Jardetzky, P. *see* Haskell, P. 85775
Jardine, A.P. Synthesis of thin-film ferroelectrics on Si and shape memory effect TiNi substrates 79891
Jardine, A.P., Mercado, P.G. Thin film multilayers of TiNi/TiO_2/PZT: mechanical and ferroelectrical characterization 82154
Jardine, A.P. *see* Mercado, P.G. 79876
Jardino, M., Adda, G. Automatic word classification using simulated annealing 73840
Jarem, J.M. *see* Lindquist, R.G. 56453
Jarjayes, O. *see* Bidan, G. 49018
Jark, W., Melpignano, P. Optimisation of a spherical grating monochromator for soft X-ray microscopy applications 98714
Jark, W. *see* Abrami, A. 98715
Jarkewicz, G.G. *see* King, M.A. 59328
Jarlskog, G. *see* Da Via, C. 53348
Jarman, R.H. *see* Owen, J.J. 56701
Jarmasz, J. *see* Fiallos, E. 86662
Jarmuzek, M., Hospotka, R., Wobke, H. Switchgear installations housed in containers 60381
Jarnal, N. *see* Yu, D.C. 78254
Jarnieux, M., Meunier, G. FEM modelling of the magnetic, thermal, electrical and mechanical transient phenomena in linear induction launchers 83576
Jaros, M. *see* Xu, Z. 94603
Jaroslawski, S. *see* Galagedera, S.B. 88240
Jaroslawski, S. *see* Galagedera, S.B. 98670
Jaroslawski, S. *see* Morgado, C.J.S. 88239
Jaroslawski, S. *see* Morgado, C.J.S. 98581
Jaroszewicz, Z., Staronski, R., Sochacki, J., Righini, G. Planar Fresnel lens with multiple phase jump 72381
Jaroszewicz, Z. *see* Sochacka, M. 66700
Jaroszynski, D.A. *see* Bakker, R.J. 72937
Jaroszynski, J. *see* Dhese, K.A. 71285
Jarrett, J. *see* Galagedera, S.B. 88240
Jarrett, J. *see* Galagedera, S.B. 98670
Jarrett, T. *see* Jorquera, C. 66428
Jarriel, G.W., Jr. *see* Baginski, M.E. 64096
Jarriel, L.F. *see* Tylavsky, D.J. 59671
Jarron, P. *see* Anghinolfi, F. 53345
Jarron, P. *see* Anghinolfi, F. 88228
Jarron, P. *see* Anghinolfi, F. 98663
Jarron, P. *see* Bates, S.J. 53308
Jarron, P. *see* Borer, K. 53347
Jarron, P. *see* Borer, K. 98687
Jarron, P. *see* Bosisio, L. 59074
Jarron, P. *see* Cristoloveanu, S. 71642
Jarron, P. *see* Dierickx, B. 67378
Jarron, P. *see* Lemeilleur, F. 76757
Jarrott, R.K. *see* Soame, T.A. 97413
Jarry, B. *see* Delpino, F. 49523
Jarry, R. *see* Jossinet, J. 67557
Jarske, P. *see* Lightstone, M. 49550
Jarske, T., Haavisto, P., Defee, I. Post filtering methods for reducing blocking effects from coded images 84918
Jarv, T. *see* Chisholm, W.A. 78177
Jarventausta, P., Verho, P., Karenlampi, M., Partanen, J. An expert system for fault location of medium voltage feeders 68337
Jarventausta, P., Verho, P., Partanen, J. Using fuzzy sets to model the uncertainty in the fault location process of distribution networks 68329
Jarvi, J. *see* Ahlback, J. 82424
Jarvin, S. *see* Skey, S.G.P. 99168
Jarvinen, P. A learning environment as a response to challenges in computer and communications education 79155
Jarvis, G.B., Mathew, S., Kenny, J.E. Evaluation of Nd:YAG-pumped Raman shifter as a broad-spectrum light source 83277
Jarvis, P.C. Digital imagery: diagnostic, storage and communication potential 89026
Jarwala, N.T. *see* Yau, C.W. 60926
Jaschinski, W. *see* Bonacker, M. 98754
Jasem, M. Weak isometries in directed groups 91164
Jasinski, J., Gniadek, K. A representation of Kerr-like nonlinearity for the analytical TM surface polariton solution 94612
Jasiobedzki, P. *see* Dickinson, S.J. 84691
Jasiulewicz, S. *see* Bartosik, M.W. 90251
Jaskola, M. *see* Sadowski, M. 59175
Jaskolowski, P. *see* Gradin, L.P. 99849
Jaskorzynska, B. *see* Nilsson, J. 50775
Jasmon, G.B. *see* Prasad, V.C. 61011
Jason, A. *see* Lynch, M.T. 76295
Jason, A.J., Hardekopf, R.A., Macek, R.W., Schriber, S.O., Thiessen, H.A., Woods, R. A Los Alamos design study for a high-power spallation-neutron-source driver 87950
Jason, A.J. *see* Blind, B. 66855
Jasper, W.J., Reddy, M.Y. Real-time system for data acquisition and control of batch dyeing 79053
Jaspers, R. *see* Hoenen, F. 88137
Jassemnejad, B. *see* Murray, J.T. 56859
Jassemnejad, B. *see* Schafer, S.A. 59401
Jastrabik, L. *see* Hrdina, J. 94550
Jastrzebski, A.K. *see* Paixao, O.P. 80729
Jastrzebski, A.L. *see* Ostapenko, S.S. 81204
Jastrzebski, L., Henley, W., Schielein, D., Lagowski, J. Advances in gettering of poly-crystalline PV silicon 81411
Jasutis, V. *see* Galdikas, A. 87079
Jasutis, V. *see* Tvardauskas, H. 81533
Jaswant Singh *see* Sharma, K.B. 73487
Jaszczak, R.J. *see* Li, J. 59362
Jaszczak, R.J. *see* Smith, M.F. 59326
Jaszczak, R.J. *see* Wang, H. 59298
Jatko, W.B. *see* Hunt, M.A. 74538
Jattke, A. *see* Rentz, O. 68350
Jaturavanich, T., Nishihara, A. Design of 2-D separable denominator IIR digital filters in spatial domain 84496
Jau-Hsiung Huang *see* Chun-Chuan Yang 65045
Jau-Hsiung Huang *see* Ho-Chao Huang 64612
Jau-Hsiung Huang *see* Wei-Hsin Tseng 97608
Jau-Hsiung Huang *see* Yo-Song Su 96166
Jau-Ming Wu *see* Szu-Lin Su 57399
Jau-Shyong Shiue, P. *see* Baartmans, A.H. 61175
Jau-Wen Chen, Thurairaj, M., Das, M.B. Optimization of gate-to-drain separation in submicron gate-length modulation doped FET's for maximum power gain performance 50034
Jau-Yien Lee *see* Chaug-Ching Huang 84153
Jau-Yien Lee *see* Chuen-Cherng Chen 86721
Jau-Yien Lee *see* Jiann-Der Lee 64866
Jau-Yien Lee *see* Lee, J.-D. 74575
Jau-Yien Lee *see* Liang-Wei Lee 84896
Jau-Yien Lee *see* Liang-Ying Liu 70249
Jau-Yien Lee *see* Liang-Ying Liu 84001
Jau-Yien Lee *see* Ming-Hwa Sheu 80380
Jau-Yien Lee *see* Ruey-Ching Shyu 84148
Jau-Yien Lee *see* Szu-Lin Su 57399
Jauberteau, J.L. *see* Thomas, L. 70113
Jaud, J. *see* Jacquet, L. 89602
Jaumard, B. *see* Hertz, A. 48820
Jaunart, E., Crahay, P., Megret, P., Froidure, J.C., Lamquin, M., Blondel, M. Accurate modelling of EDFAs by using a new noise effective bandwidth definition 82566
Jaunart, E., Megret, P., Froidure, J.C., Lamquin, M., Blondel, M., Crahay, P. EDFA noise figure computation for small and large-signals regime 82996
Jaunart, E., Megret, P.M., Froidure, J.C., Crahay, P., Blondel, M., Lamquin, M. Detailed analysis of chromatic dispersion modelling of circularly single-mode optical fibres by an effective index method 50468
Jaunart, E. *see* Megret, P. 86407
Jauniskis, L. *see* Tayebati, P. 94179
Jauregui, S. *see* Lott, G.K. 97026
Jaureguy, J.C. *see* Vie, M. 71549
Jaussaud, C. *see* Minondo, M. 62399
Jaussaud, C. *see* Raynaud, C. 55669
Jaussaud, C. *see* Raynaud, C. 81370
Jaussaud, C. *see* Riehl-Chudoba, M. 81475
Javadi, H.H.S., Barner, J.B., Bautista, J.J., Bhasin, K.B., Bowen, J.G., Chew, W., Chorey, C.M., Foote, M.C., Fujiwara, B.H., Guern, A.J., Hunt, B.D., Leonard, R.F., Ortiz, G.G., Rascoe, D.L., Romanofsky, R.R., Vasquez, R.P., Wamhof, P.D. Low-noise hybrid superconductor/semiconductor 7.4 GHz receiver downconverter for NASA space applications 97217
Javan, H., Spurlin, J. Characterization of optical integrated neuron 82770
Javan, H., Spurlin, J., Desai, R. Formulation of capacitance of rapid thermal annealed junction 80677
Javidi, B. Nonlinear joint transform correlators 64887
Javidi, B., Fazlollahi, A., Willett, P., Refregier, P. Simulation results of the optimum receiver designed for pattern recognition systems with spatially non-overlapping target and scene noise 74360
Javidi, B., Guanshen Zhang, Fazlollahi, A.H., Efron, U. Application of a wire-grid-mirror liquid-crystal light valve in a nonlinear joint transform correlator 57660
Javidi, B., Horner, J., Fazlollahi, A., Li, J. Illumination-invariant pattern recognition with a binary nonlinear joint transform correlator using spatial frequency dependent threshold function 51575
Javidi, B., Horner, J.L. Optical pattern recognition for validation and security verification 74249
Javidi, B., Jun Wang Optimum filter for detection of a target in nonoverlapping scene noise 72550
Javidi, B., Jun Wang Design of filters to detect a noisy target in nonoverlapping background noise 94232
Javidi, B., Jun Wang, Qing Tang Nonlinear joint transform correlators 51671
Javidi, B., Qing Tang, Guanshen Zhang, Parchekani, F. Image classification with a chirp-encoded joint transform correlator 84900
Javidi, B., Refregier, P., Willett, P. Optimum receiver design for pattern recognition with spatially disjoint target and scene noise 51569
Javidi, B. *see* Horner, J.L. 72539
Javidi, B. *see* Jun Wang 74321
Javidi, B. *see* Refregier, P. 57676
Javidi, B., Horner, J.L. *(editors)* Real-time optical information processing 60802

Javidi, H., McFee, S., Galiana, F.D. Artificially synthesizing network data for power system analysis 99423
Javidi, H. *see* Galiana, F.D. 53650
Javidi, H. *see* Galiana, F.D. 77836
Javkin, H., Antonanzas-Barroso, N., Das, A., Niedzielski, N., Yamada, Y., Murata, N., Levitt, H., Youdelman, K. A multi-parameter speech training system 98989
Javkin, H., Antonanzas-Barroso, N., Das, A., Zerkle, D., Yamada, Y., Murata, N., Levitt, H., Youdelman, K. A motivation-sustaining articularity/acoustic speech training system for profoundly deaf children 77078
Javor, R.D., Wu, X.-D., Chang, K. Dual polarisation of microstrip reflectarray antenna 64242
Javor, R.D., Wu, X.-D., Chang, K. Offset-fed microstrip reflectarray antenna 83865
Javor, R.D., Xiao-Dong Wu, Kai Chang Design and performance of a microstrip flat reflectarray antenna 51254
Javurek, J. Microcomputer control of electric drives 78872
Jaw Sy-Been *see* Sy-Been Jaw
Jawarani, D. *see* Fernandes, M.G. 62544
Jawerth, B., Liu, Y., Sweldens, W. New folding operators for image compression 57831
Jawerth, B., Yi Liu, Sweldens, W. Signal compression with smooth local trigonometric bases 74452
JaWoong Lee *see* Kim, D.M. 63574
Jaworski, J.M., Morawski, R.Z., Oledzki, J.S. Masters's Degree in measurement science and instrumentation technology at Warsaw University of Technology 69401
Jaworski, M. *see* Fordham, C. 59184
Jaworski, M. *see* Hazen, E. 88227
Jaworski, M. *see* Hazen, E. 98699
Jay, B.E. *see* Guy, J. 68959
Jay, C., Groliere, F., Kahn, O., Krober, J. From spin transition to display and memory devices 56297
Jay, J. *see* Fouquet, R. 76263
Jay, T.R., Stern, M.B. Preshaping photoresist for refractive microlens fabrication 50565
Jay, T.R. *see* Stern, M.B. 50566
Jay Hyouk O *see* Seong Beom Park 80523
Jay Kuo, C.-C. *see* Katsavounidis, I. 95710
Jay Kyoon Lee, Mudaliar, S. Optimum polarizations in the bistatic scattering from layered random media 59535
Jay Kyoon Lee *see* Yun Hee Lee 77300
Jay MacMullan, S. Modeling the error and error variance of delay, Doppler, and direction-of-arrival, with imperfectly modeled ionospheric effects 75679
Jayabharathi, D. *see* Manzoul, M.A. 80255
Jayachandran, M., Chockalingam, M.J., Lakshmanan, A.S. Properties of Cd_2SnO_4 conducting powder for ohmic contacts 54991
Jayachandran, P.T. *see* Rama Rao, P.V.S. 83678
Jayamanna, K. *see* Dutto, G. 53189
Jayant Baliga, B. *see* Alok, D. 93168
Jayanthi, U.B. *see* Villela, T. 88332
Jayapalan, J., Burke, M. Cellular data services architecture and signaling 65603
Jayaram, S. Effects of streaming potential on heat transfer in transformer oils 63084
Jayaram, S., Chang, J.S., Berezin, A.A., Looy, P., Castle, G.S.P., Mangal, R., Mozes, M. Pulse power energization effects on ESP efficiency in collection of high resistivity flyash particles 64111
Jayaraman, R. *see* Srinivasan, R. 54417
Jayaraman, V., Heimbuch, M.E., Coldren, L.A., DenBaars, S.P. Continuous-wave operation of sampled grating tunable lasers with 10 mwatt output power, >60 nm tuning, and monotonic tuning characteristics 56785
Jayaraman, V., Heimbuch, M.E., Coldren, L.A., DenBaars, S.P. Widely tunable continuous-wave InGaAsP/InP sampled grating lasers 83112
Jayasekara, L., Yanagawa, T., Tsujitani, M. A location-dispersion test for $2\times k$ tables 54661
Jayasekera, C.W. *see* Hosomura, T. 77683
Jayasimha, D.N. Fault tolerance in a multisensor environment 97902
Jayasooriah *see* Yeo, T.T.E. 85137
Jayasumana, A.P. *see* Al-Assadi, W.K. 55200
Jayasumana, A.P. *see* Menon, S.M. 49408
Jayasumana, A.P. *see* Werahera, P.N. 52146
Jayasuriya, A. *see* Smedley, K. 87771
Jayasuriya, A. *see* Smedley, K. 98434
Jayatilaka, S. Experiences of application of satellite remote sensing in Sri Lanka during the last decade 67905
Jayles, C. *see* Nouel, P. 75673
Jayne, D.T. *see* Faur, M. 60478
Jaynes, C. *see* Sobh, T.M. 48717
Jazwinski, J., Wazynska-Fiok, K. Effectivity of measuring systems in safety aspects 75838
je Bie, J. *see* Scarr, J. 96805
Je Cho Seok *see* Seok Je Cho
Je Hong Jeong, Jin Soo Park Improved decoding algorithm on Reed-Solomon codes using division method 95166
Je Ik Kim *see* Sang Hoon Choi 75730
Je Kweon Hyuk *see* Hyuk Je Kweon
Je Suk Lee, Jung Whan Lee, Hyuk Je Kweon, Myoung Ho Lee ECG pattern classification using back propagation neural network 77002
Jea Beom Shin *see* Jong Hoon Kim 74395
Jea-Sen Lin *see* Yu-Kang Lo 90210
Jean, F.-R. *see* Kuo, C.-C. 73867
Jean, G. *see* Usher, E. 99986
Jean, J.-H., Gupta, T.K. Design of low dielectric glass+ceramics for multilayer ceramic substrate 79322
Jean, P. *see* Gingrich, D. 53291
Jean, S.M. *see* Huang, T.S. 62308
Jean Hou Jeong *see* Jong Seok Han 75515
Jean-Hsang Lin, Yeong-Taeg Kim Fast algorithms for training stack filters 57760
Jean-Jumeau, R., Chiang, H.-D., Thomas, R.J. Efficient computational methods for a practical performance index and the exact voltage collapse point in electric power systems 77815
Jean-Marie, A., Robert, P. On the transient behavior of the processor sharing queue 79544
Jean-Marie, A. *see* Altman, E. 65020
Jeanguillaume, C., Bochet, J. Radionuclide instrumentation in medicine: the Anger camera example 76937
Jeanjean, J. *see* Buon, J. 76616
Jeanjean, P., Sicart, J., Sellitto, P., Robert, J.L., Bustarret, E., Grieshaber, W., Cali, J., Le Berre, M., Lemiti, M., Pinard, P., Conedera, V. Electrical and structural properties of rapid thermally annealed boron-doped silicon films deposited by plasma-enhanced chemical-vapor deposition 92921
Jeanneret, B., Jeckelmann, B., Buhlmann, H.-J., Houdre, R., Ilegems, M. Influence of the device-width on the accuracy of quantization in the integer quantum Hall effect 86853
Jeanneret, B. *see* Jeckelmann, B. 86825
Jeanneret, B. *see* Jeckelmann, B. 86927
Jeanneret, S. *see* Fiaccabrino, G.C. 66259
Jeanneret, S. *see* Gass, V. 63109
Jeannes, R.Le Bouquin *see* Le Bouquin Jeannes, R.
Jeannot, D., Pinard, J., Ramoni, P., Jost, E.M. Physical and chemical properties of metal oxide additions to Ag-SnO_2 contact materials and predictions of electrical performance 61983
Jeanrenaud, M. *see* Bouclier, R. 67348
Jeanrenaud, P. *see* Rohlicek, J.R. 84068
Jeans, T.G. *see* Danesfahani, G.R. 51519
Jeans, T.G. *see* Danesfahani, G.R. 52442
Jeansson, J. *see* Abrahamsson, K. 76307
Jeansson, J. *see* Danared, H. 67255
Jeavons, P., Cohen, D.A., Shawe-Taylor, J. Generating binary sequences for stochastic computing 73719
Jebb, A. *see* Evbuomwan, N.F.O. 54564
Jech, J. *see* Nichols, D.N. 66046
Jechang Jeong, Yungjun Park, Jae Moon Jo, Myungsik Yim, Heonhee Moon, Seongbong Kim, Pilho Yu, Hwisam Kang, Wooyoun Ahn Development of an experimental full-digital HDTV system: algorithm and implementation 86735
Jeckelmann, B., Fasel, W., Jeanneret, B. Improvements in the realization of the quantized-Hall resistance standard at OFMET 86927
Jeckelmann, B., Inglis, A.D., Jeanneret, B. A high precision comparison of the quantized Hall resistance of MOSFET and GaAs/AlGaAs heterostructure devices [measurement units application] 86825
Jeckelmann, B. *see* Jeanneret, B. 86853
Jecko, B. New kind of microstrip antenna: the monopolar wire-patch antenna 94976
Jecko, B. *see* Alaeddine, A. 57283
Jecko, B. *see* Kellali, S. 57068
Jecko, B. *see* Reineix, A. 73078
Jecko, B. *see* Reineix, A. 73403
Jecko, F. *see* Melon, C. 72067
Jecko, F. *see* Monediere, Th. 72068
Jecko, F. *see* Reineix, A. 57237
Jecksties, R. *see* Zimmert, G. 69118
Jedju, T.M. *see* Becker, P.C. 73106
Jednacz, T.C., Yongping Xia Real-time monitoring and verification of energy savings 68321
Jedrzejewski, J. *see* Wisniewski, R. 66747
Jedrzejewski, K. *see* Hewak, D.W. 56726
Jedrzejewski, K.P. *see* Abdulhalim, I. 94396
Jedrzejewski, K.P. *see* Hewak, D.W. 56708
Jee, A. *see* Lepejian, D.Y. 49447
Jee, A.M., Bandyopadhyay, A.K. An energy function approach and its application to a new clustering algorithm 74961
Jee, D. *see* Sanders, B. 65253
Jee Chung Yeong *see* Yeong Jee Chung
Jee-Hoon Yap, Maung, T., Nee, J., Simic, E., Chung, J.E. Conduction mechanisms through SIMOX buried oxide 93080
Jeebe, H. *see* Wallentowitz, H. 78979
Jeen, H. *see* Efron, A.J. 64510
Jeen Hur, Sung-Chul Shin Measurements of the magnetization curve using a torque magnetometer 76165
Jeen-Mo Yang *see* Casinovi, G. 91778
Jeen-Shang Lin, Yigong Zhang Nonlinear structural identification using extended Kalman filter 70717
Jeen-Sheen Row *see* Kin-Lu Wong 51209
Jeen-Sheen Row *see* Kin-Lu Wong 57223
Jeen-Sheen Row *see* Kin-Lu Wong 57224
Jeen-Sheen Row *see* Kin-Lu Wong 70826
Jeen-Sheen Row *see* Kin-Lu Wong 73422
Jeeng-Min Ling *see* Ching-Lien Huang 99455
Jeffay, K., Lin, J.K., Menges, J., Smith, F.D., Smith, J.B. Architecture of the Artifact-Based Collaboration system Matrix 96835
Jeffay, K., Stone, D.L., Smith, F.D. Transport and display mechanisms for multimedia conferencing across packet-switched networks 65464
Jefferies, N. Providing secure personal mobility 86121
Jefferies, S.R. *see* Andres, J.M. 96956
Jeffers, F. *see* Wei, D. 82269
Jeffers, L.A. Multichannel fiber-optic temperature monitor 52914
Jefferson, J.H. *see* Dunn, G.M. 63580
Jefferson, J.H. *see* Mills, R.J. 62302
Jefferts, S.R., Monroe, C., Barton, A.S., Wineland, D.J. RF-trap apparatus for optical frequency standards 86939
Jeffery, M., Goto, E. Numerical simulations of the IKA even harmonic parametric amplifier 50410
Jeffery, M., Goto, E. Low noise Josephson DC parametric amplifier 63305
Jeffrey, G.M. *see* Spicer, M.R. 51966
Jeffrey, M. Asynchronous transfer mode: the ultimate broadband solution 57957
Jeffrey, M. Signalling standards for ATM 65029
Jeffrey, R. Improved performance of the industry 89470
Jeffrey, Z.R. *see* George, P.L. 97048
Jeffries, M.O., Wakabayashi, H., Weeks, W.F. ERS-1 SAR backscatter changes associated with ice growing on shallow lakes in Arctic Alaska 77470
Jeffries, M.O. *see* Wakabayashi, H. 77459
Jeffries, R. 25 Mbps ATM. Can it fly? 85642
Jeftenic, B.I., Mitrovic, N. A linearized model of current source saturated induction motor 89972
Jeganathan, M. *see* De Vre, R. 63342
Jegat, E. *see* Thibault, J.-P. 100773
Jeglic, A. *see* Drnovsek, J. 97746
Jeglic, A. *see* Lapuh, R. 97763
Jegou, J.R. *see* Brillard, J.N. 65595
Jegou, P. *see* Ollitrault, M. 88811
Jehlen, J., Wilkinson, D., Nichols, K., Brown, E. Instrumentation and control upgrade planning at Arkansas Nuclear One 99851
Jei Nei Evolution of hadron beams under intrabeam scattering 87818
Jelassi, T. *see* Cats-Baril, W.L. 52064
Jelen, C., Slivken, S., He, X.G., Razeghi, M., Shastry, S. Characterization of high quality GaInP/GaAs superlattices grown on GaAs and Si substrates by gas source molecular beam epitaxy 54850
Jelen, C. *see* Brown, G.J. 71179
Jelen, K. *see* Bednarek, B. 87995
Jelenkovic, E.V., Tong, K.Y., Poon, M.C., Wong, J.S.L. Effect of implanted fluorine on MOS structures with sputtered SiO_2 insulator 81382
Jelic, Z.V. *see* Grubor, D.P. 94834
Jelic, Z.V. *see* Sulic, D.M. 94833
Jellett, S.T., Bialkowski, M.E. A study into a low cost element for a mobilesat antenna array 83880
Jellett, S.T. *see* Bialkowski, M.E. 70851
Jellett, S.T. *see* Bialkowski, M.E. 80602
Jellin, H.K. Product developments supporting ATM 64903
Jelloian, L. *see* Lam, F. 80752
Jelloian, L. *see* Matloubian, M. 61935
Jelloian, L.M., Matloubian, M., Liu, T., Lui, M., Thompson, M.A. InP-based HEMT's with $Al_{0.48}In_{0.52}As_xP_{1-x}$ Schottky layers 62861
Jelloian, L.M. *see* Brown, J.J. 55409
Jelloian, L.M. *see* Matloubian, M. 93504
Jelloian, L.M. *see* Rosenbaum, S.E. 92615
Jemaa, N.Ben *see* Ben Jemaa, N.
Jemeli, K. *see* Iftekharuddin, K.M. 72528
Jemielniak, R. *see* Witczak, Z. 87127
Jemili, K. *see* Iftekharuddin, M. 56484
Jen, C.K. *see* de Oliveira, C.A.S. 83036
Jen, C.K. *see* Lisboa, O. 52904
Jen, C.K. *see* Lisboa, O. 87268
Jen, C.K. *see* Lisboa, O. 87269
Jen, C.K. *see* Tsukahara, Y. 77729
Jen, C.K. *see* Tsukahara, Y. 99362
Jen, C.K. *see* Viens, M. 98322
Jen, C.K. *see* Wang, Z. 53554
Jen, C.K. *see* Wang, Z. 56189
Jen, C.K. *see* Wang, Z. 58712
Jen, C.K. *see* Wang, Z. 99317
Jen, L. *see* Chen, W. 73484
Jen, T.-S. *see* Shin, N.-F. 66343
Jen Chein-Wei *see* Chein-Wei Jen
Jen Cheng-Kuei *see* Cheng-Kuei Jen
Jen Chung Lin *see* Hua Li 54565
Jen King Jao A matched array beamforming technique for low angle radar tracking in multipath 75532
Jen Shen *see* Shen Jen
Jen Tang, Kwei Tang, Moskowitz, H. Bayes credibility intervals for reliability of series systems with very reliable components 61023
Jen Tean-Sen *see* Tean-Sen Jen
Jen-Chi Chang *see* Ray-I Chang 80035
Jen-Chiun Cheng *see* B-Shiou Chiou 79356

Jen-Chuan Wang, Der-Song Su, Den-Jen Hwung, Ji-Chien Lee A single-chip CCD signal processor for digital still cameras 92250
Jen-Chung Lou *see* Yang-Chin Shih 79839
Jen-Dau Lin, Chun-shin Yeh Analysis and design of coherent super-heterodyne laser Doppler vibrometer system 98380
Jen-Dau Lin, Kung-Hung Kuo, Chun-Shin Yeh Phase domain model of a second order fiber-optic gyroscope dynamic system 98039
Jen-Dau Lin, Kung-Hung Kuo, Jin-Ching Yeh Optimal design of a second-order fibre-optic gyroscope dynamic system 76014
Jen-Der Lin, Jung-Jae Chao Wavelet-based motion estimation in image sequence process 74528
Jen-Hon Lin *see* Chia-Hung Hsiao 77019
Jen-Inn Chyi, Jia-Lin Shieh, Ray-Ming Lin, Tzer-En Nee, Jen-Wei Pan Molecular-beam epitaxial growth of $In_xAl_{1-x}As$ on GaAs 70029
Jen-Inn Chyi *see* Ming-Ta Yang 81940
Jen-Inn Chyi *see* Yi-Jen Chan 62865
Jen-Inn Chyi *see* Yi-Jen Chan 81277
Jen-Kuang Huang *see* Chung-Wen Chen 95516
Jen-Kwang Chen *see* Lee-Min Lee 95312
Jen-Ren Fu, Lipo, T.A. Disturbance-free operation of a multiphase current-regulated motor drive with an opened phase 90534
Jen-Shih Chang *see* Ohkubo, T. 78437
Jen-Shin Hong Computer controlled system for organ cryopreservation 98927
Jen-Shiun Chen, Youn, L.T., Godhwani, A. Multiple-PRF radar target range calculation with error correction 58453
Jen-Tai Hsu *see* Xiaoyu Li 50015
Jen-Teng Fan *see* Jyh-Herng Wang 50086
Jen-Tsai Kuo, Tzuang, C.C. A termination scheme for high-speed pulse propagation on a system of tightly coupled coplanar strips 70912
Jen-Tsong Schie *see* Jiunn-Lee Lin 77038
Jen-Wei Liang *see* Yao-Ting Wang 71487
Jen-Wei Pan *see* Jen-Inn Chyi 70029
Jen-Wei Pan *see* Tean-Sen Jen 94282
Jen-Ying Wu *see* Ping-Hue Huang 89531
Jen-Yu Shieh, Hanqi Zhuang, Sudhakar, R. Motion estimation from a sequence of stereo images: a direct method 74301
Jen-Yu Shieh *see* Hanqi Zhuang 74313
Jena, A.von *see* von Jena, A.
Jender, H. *see* Truchetet, F. 95853
Jendernalik, L., Peier, D. The field quality of TEM cells 94857
Jendral, A., Brauer, R., Bryngdahl, O. Synthetic image holograms: computation and properties 64006
Jendral, A. *see* Wentzel, S. 83385
Jendritza, D.J., Janocha, H. Piezoelectric and magnetostrictive solid state actuators with higher displacements 71892
Jeng, B.-S. *see* Wu, Q.-Z. 74514
Jeng, C.-S. *see* Yen, J.-Y. 57028
Jeng, J.C. *see* Chang, Y.N. 100925
Jeng, M.C. *see* Huang, J.H. 62824
Jeng Bor-Shenn *see* Bor-Shenn Jeng
Jeng One-Jang *see* One-Jang Jeng
Jeng Shin-Puu *see* Shin-Puu Jeng
Jeng Suh-Chyn *see* Suh-Chyn Jeng
Jeng-Feng Tsai *see* Guan-Chyun Hsieh 90150
Jeng-Hua Wei, Si-Chen Lee Electrical and optical properties of implanted amorphous silicon 81425
Jeng-Ming Chen, Bor-Sen Chen, Wei-Sheng Chang Parameter estimation of linear systems with input-output noisy data: a generalized l_p norm approach 64519
Jeng-Wen Huang, Tzuang, C.-K.C. Characteristics of dielectric-line-loaded conductor-backed slot-line (CBS) 80546
Jeng-Wen Huang, Tzuang, C.-K.C. Mode-coupling-avoidance of shielded conductor-backed coplanar waveguide (CBCPW) using dielectric lines compensation 83785
Jeng-Yi Ke, Chun Hsiung Chen The coplanar waveguides with finite metal thickness and conductivity 83800
Jenge Bor-Leh *see* Bor-Leh Jenge
Jenho Tsao *see* Wei-Ji Shyu 64422
Jenkin, M.R.M., Tsotsos, J.E. Active stereo vision and cyclotorsion 84690
Jenkins, A.P., Street, A.M., Morley, S.M., Dew-Hughes, D., Edwards, D.J. High temperature superconducting microwave devices for satellite applications 52454
Jenkins, D. *see* Ross, J. 94013
Jenkins, E.B. *see* Grzybowski, S. 90316
Jenkins, G.M. *see* Hollerman, W.A. 72578
Jenkins, J. Microcontroller acceleration 70591
Jenkins, K. *see* Kida, T. 64568
Jenkins, K. *see* Mii, Y. 71677
Jenkins, K. *see* Shahidi, G.G. 71790
Jenkins, K. *see* Warnock, J. 71771
Jenkins, K.A., Burghartz, J.N., Agnello, P.D., Heidel, D.F., Wong, C.Y. Submicron CMOS gate electrode discontinuity: electrical signature and effect on circuit speed 93623
Jenkins, K.A. *see* Burghartz, J.N. 71611
Jenkins, K.A. *see* Burghartz, J.N. 71830
Jenkins, K.A. *see* Burghartz, J.N. 80673
Jenkins, K.A. *see* Harame, D.L. 93579
Jenkins, K.A. *see* Taur, Y. 93612
Jenkins, M. *see* Mansell, R. 96373
Jenkins, N. Public-utility energy supplies: extent and significance of heat-to-power ratio 53910
Jenkins, N., Vaudin, A. Earthing of wind farms 68500
Jenkins, P., Landis, G.A., Fatemi, N.S., Scheiman, D., Xiaonan Li, Bailey, S.G. An InP solar cell with a light-trapping front surface 78821
Jenkins, P.P. *see* Wilt, D.M. 54153
Jenkins, R.E. Transceiver chip simplifies GSM cellular design 65596
Jenkins, R.G., Jones, H., Yang, M., Belenli, I., Grovenor, C.R.M., Goringe, M.J. Prototype coils wound from high-T_c superconducting composites 72258
Jenkins, R.G. *see* Jones, H. 82504
Jenkins, R.M., Devereux, R.W.J., Heaton, J.M. A novel waveguide Mach-Zehnder interferometer based on multimode interference phenomena 72389
Jenkins, T.J. *see* Bright, V.M. 93334
Jenkins, T.J. *see* Fellows, J.A. 81837
Jenkins, W.K., Mansen, A.J. Variable word length DSP using serial-by-modulus residue arithmetic 80452
Jenkins, W.K. *see* Chen, E.J. 59351
Jenkins, W.K. *see* Howard, M.N. 95565
Jenkins, W.K. *see* Schnaufer, B.A. 95564
Jenko, M. *see* Hazen, E. 88227
Jenko, M. *see* Hazen, E. 98699
Jenkyn-Jones, B. *see* Colley, R. 54247
Jenming Jian *see* Jian Jenming
Jenn Tsao *see* Bor-Yuan Hwang 93642
Jenn-Gwo Hwu *see* Kuei-Shu Chang-Liao 49825
Jenn-Gwo Hwu *see* You-Lin Wu 62463
Jenn-Gwo Hwu *see* You-Lin Wu 71681
Jenn-Gwo Hwu *see* You-Lin Wu 81550
Jenn-Gwo Hwu *see* You-Lin Wu 93089
Jenn-Ming Guan *see* Ching-Chuan Su 92468
Jenn-Wei Lin *see* Kuochen Wang 49458
Jenner, D. *see* Pei, X. 67235
Jennerjohn, N. *see* Lockhart, J.M. 50409
Jenni, P. *see* Gingrich, D. 53291
Jenniches, H. *see* Carey, R. 72123
Jennings, C., Candelario, T., Bhatnagar, S., Farmer, B., Reyes, A., Shipman, D., O'Brien, K. PVUSA Kerman costs 99991
Jennings, C., Chang, G., Bell, K. PV EMF [EM fields] 100732
Jennings, D. On packing unequal rectangles in the unit square 91296
Jennings, D. *see* Rudra, B. 79325
Jennings, D. *see* Rudra, B. 90962
Jennings, J.A.M., Charman, W.N. Depth resolution in stereoscopic systems 84720
Jennings, P.A. *see* Lever, P.H. 51140
Jenq, Y.C. *see* Wei-Da Hao 75893
Jenq Jyh-shyang *see* Jyh-shyang Jenq
Jenq Yih-Chyun *see* Yih-Chyun Jenq
Jenq-Muh Hsu *see* Chung-Ming Huang 74718
Jenq-Neng Hwang, Shyh-Rong Lay, Lippman, A. Nonparametric multivariate density estimation: a comparative study 95392
Jenq-Tay Yuan, Stuller, J.A. Order-recursive FIR smoothers 64444
Jensch, P. *see* Schwanke, J. 74383
Jensen, A.C. *see* Collins, K.J. 99285
Jensen, B.W. *see* Hallman, J.C. 89320
Jensen, C. *see* Dinkel, J. 67192
Jensen, C.L., Tarrant, D.E., Ermer, J.H., Pollock, G.A. The role of gallium in $CuInSe_2$ solar cells fabricated by a two-stage method 100657
Jensen, D. *see* Killen, A. 67955
Jensen, D. *see* Killen, A. 87146
Jensen, D.A. *see* Christian, D.C. 59094
Jensen, D.G. Space Station Freedom aural toxic alarm development 99035
Jensen, D.H. *see* Zhi Hu 87429
Jensen, D.L., Polyak, R.A. The convergence of a modified barrier method for convex programming 69772
Jensen, D.R. *see* Tenenbaum, P. 76679
Jensen, E.G. *see* Bakun, W.H. 99154
Jensen, F. Reliability: the next generation 79491
Jensen, G. *see* Jianping Li 88467
Jensen, G.A., Vesecky, J.F. Non-Fourier spectral characterizations of the ocean surface: new theoretical models of ocean surface radar scattering 99223
Jensen, G.L. *see* Czirr, J.B. 98707
Jensen, H.D. Intercomparisons of Josephson Array Voltage Standards: EUROMET project 199 87402
Jensen, H.D., Martinis, J.M. Performance of the electron pump with stray capacitances 56045
Jensen, H.D. *see* Martinis, J.M. 62915
Jensen, H.D. *see* Piquemal, F. 86931
Jensen, J.E. *see* Rajavel, D. 61284
Jensen, J.F. *see* Hafizi, M. 61913
Jensen, J.H. *see* Dyrlund, O. 59411
Jensen, J.M. A class of constacyclic codes 73736
Jensen, J.P., Eckholdt, H.J. Balance line for HERA proton main ring 59991
Jensen, J.R., Kilgus, C.C. The design of a scanning, spaceborne radar altimeter for measuring polar ice 77468
Jensen, J.R., Valverde, C.R., DeBoy, C.C., Veliodis, V., Khurgin, J., Shaozhong Li The application of quantum-well modulators in satellite instrument design 59506
Jensen, K., Blaker, G., Kuramoto, R. A high power water cooled resistor for the high voltage power supply in the TRIUMF RF system 68750
Jensen, K.A. *see* Curren, A.N. 92869
Jensen, K.B. *see* Haslov, P. 50470
Jensen, K.F. *see* Coronell, D.G. 79963
Jensen, K.F. *see* Skromme, B.J. 69996
Jensen, K.F. *see* Borgesen, P. *(editor)* 90784
Jensen, K.G. *see* Hibbs, A.D. 82395
Jensen, K.L., Ganguly, A.K. Time dependent, self-consistent simulations of field emission from silicon using the Wigner distribution function 62055
Jensen, K.L., Zaidman, E.G. Field emission from an elliptical boss: exact and approximate forms for area factors and currents 62056
Jensen, K.O. *see* Mills, R.J. 62302
Jensen, K.S. *see* Forchhammer, S. 57749
Jensen, L.C. *see* Dawes, M.L. 91413
Jensen, M.A., Rahmat-Samii, Y. Characterisation of electromagnetically coupled superquadric loop antennas for mobile communications applications 51233
Jensen, M.A., Rahmat-Samii, Y. Performance analysis of antennas for hand-held transceivers using FDTD 75317
Jensen, P.-R. *see* Clausen, H. 96808
Jensen, T., Ostroumov, V.G., Meyn, J.-P., Huber, G., Zagumennyi, A.I., Shcherbakov, I.A. Spectroscopic characterization and laser performance of diode-laser-pumped Nd:$GdVO_4$ 56669
Jensen, T. *see* Meyn, J.-P. 63730
Jensen, T.H. Filmless X-ray evaluation of structures made of light materials 70207
Jensen, U., Moore, R.K., Dalsgaard, P., Lindberg, B. Modelling intonation contours at the phrase level using continuous density hidden Markov models 73785
Jenset, F. *see* Johansen, J.K. 81918
Jenshan Lin, Siou Teck Chew, Tatsuo Itoh A unilateral injection-locking type active phased array for beam scanning 95017
Jenshan Lin *see* Thomas, V.A. 83816
Jentink, H.W. *see* Koelink, M.H. 76940
Jentschel, H.-J. AFil 4: design software for active RC filters 70725
Jentschel, H.-J. *see* Garbe, H. 74758
Jentschel, H.-J. *see* Garbe, H. 96895
Jenu, M. *see* Lunden, O.-P. 80797
Jeon, D. *see* Khang, Y. 71201
Jeon, D. *see* Kim, J.C. 71058
Jeon, D.Y. *see* Lee, K.F. 62856
Jeon, D.Y. *see* Lee, K.F. 93613
Jeon, D.Y. *see* Liu, T.M. 61659
Jeon, D.Y. *see* Liu, T.M. 82092
Jeon, H. *see* Han, J. 54884
Jeon, H. *see* He, L. 91516
Jeon, H. *see* Salokatve, A. 72873
Jeon, K.I. *see* Chough, K.B. 56039
Jeon, K.I. *see* Chough, K.B. 93503
Jeon, M.H. *see* Calhoun, L.C. 69997
Jeon Byeungwoo *see* Byeungwoo Jeon
Jeon Byung Chun *see* Byung Chun Jeon
Jeon Dong-o *see* Dong-o Jeon
Jeon Eun-Suk *see* Eun-Suk Jeon
Jeon Hyung-Wook *see* Hyung-Wook Jeon
Jeon Il Cheol *see* Il Cheol Jeon
Jeon Ki *see* Ki Jeon
Jeon Wha Sook, Jeong Dong Geun A real-time communication protocol for DQDB networks 96699
Jeon Wha Sook *see* Wha Sook Jeon
Jeon Young Jin *see* Young Jin Jeon
Jeong, H. *see* Liaw, P.K. 70209
Jeong, H.J., Kim, J.H., Lee, H.-W., Kim, B.Y. Birefringence modulation in fiber-optic phase modulators 94057
Jeong, H.J., Markle, D.A., Owen, G., Pease, F., Grenville, A., von Bunau, R. The future of optical lithography 49413
Jeong, J. *see* Chiou, H.-D. 71263
Jeong, S.-W. *see* Pixley, C. 80031
Jeong, T.G., Bogy, D.B. Dynamic loading impact-induced demagnetization in thin film media 50267
Jeong, T.H. *see* Smith, S.L. 56988
Jeong Bae Park, Yoon Kyung Choi, Soo Young Lee Design of expandable neuro-chip with non-linear synapses 61860
Jeong Bae Park *see* Yoon Kyung Choi 70801
Jeong Bin Seo *see* Seog Tae Han 70889
Jeong Bong-Sik *see* Bong-Sik Jeong
Jeong Byeong Jang *see* Byeong Jang Jeong
Jeong Dae Suh *see* Kwang Yong Kang 92494
Jeong Deog-Kyoon *see* Deog-Kyoon Jeong
Jeong Dong Geun *see* Jeon Wha Sook 96699
Jeong Dong Geun *see* Dong Geun Jeong
Jeong Dong Gyu *see* Dong Gyu Jeong
Jeong Dong-Seok *see* Dong-Seok Jeong
Jeong Gey Lee *see* Seong Woon Choi 62582
Jeong Hang Geun *see* Hang Geun Jeong
Jeong Hee Kyo *see* Hee Kyo Jeong
Jeong Ho Kim, Sang Burm Rhee Design of group management network service module on MMS in Mini-MAP environment 74846
Jeong Ho Kim *see* Nam Su Park 74899

Jeong Hwan Son, Dong Wook Kim, Song Cheol Hong, Young Se Kwon Fabrication and characteristic of C-doped base AlGaAs/GaAs HBT using carbon tetrachloride (CCl_4) 71610
Jeong Hyun Kim, Eui Yeol Oh, Jung Kee Yoon, Yong Suk Park, Chan Hee Hong Threshold voltage shift of amorphous silicon thin film transistors with atmospheric pressure chemical vapor deposition silicon dioxide 55944
Jeong Je Hong *see* Je Hong Jeong
Jeong Jean Hou *see* Jean Hou Jeong
Jeong Jechang *see* Jechang Jeong
Jeong Jichai *see* Jichai Jeong
Jeong Jong Sool *see* Jong Sool Jeong
jeong Kim Dae *see* Dae jeong Kim
Jeong Ku Lee *see* Doo Sik Shin 81566
Jeong Min Son *see* Seong Woon Choi 62582
Jeong Ok Lim *see* Ayyagari, M. 87305
Jeong Rae Ro, Jae Ki Sim, Seong Ju Park, El Hang Lee A study on the growth of low carbon GaAs epilayers by ultrahigh vaccum chemical vapor deposition using trimethylgallium and arsine 70021
Jeong Se-Jin *see* Se-Jin Jeong
Jeong Se-Young *see* Se-Young Jeong
Jeong Soo Kim *see* Hyo-Hoon Park 71145
Jeong Soo Oh, Jin Tae Kim, Jong Soo Choi Variable block size transform coding using segmented information 74401
Jeong Sook Ha *see* Seong-Ju Park 69983
Jeong Weon-Guk *see* Weon-Guk Jeong
Jeong Woo Kim *see* Sung Yong Kim 74391
Jeong Woo Pyo *see* Woo Pyo Jeong
Jeong Yongjin *see* Yongjin Jeong
Jeong Yoon-Ha *see* Yoon-Ha Jeong
Jeong-A Lee, Kiseon Kim A computing architecture for DFT-based band-pass filtered energy detection 97003
Jeong-Hoon Kim *see* Myeong-Hwan Lee 66024
Jeong-Ky Min, Avritzer, A., McGrath, G. Optimal server allocation and transaction flow control in multiprocessing-based client/server environments 74941
Jeong-Mo Hwang, Pollack, G. Novel polysilicon/TiN stacked-gate structure for fully-depleted SOI/CMOS 63001
Jeong-Mo Hwang *see* Hsindao Lu 92233
Jeong-Rae Ro *see* Seong-Ju Park 69983
Jeong-Sang Lee *see* Myeong-Hwan Lee 66024
Jeong-Yuan Su *see* Kuei-Ann Wen 64724
Jeongbae Lee, Yongjin Park A Virtual Clock-CSMA protocol for hard real-time communications 65028
Jeonghoon Lee, Zong-Tae Bae, Jinjoo Lee Strategic management of a large-scale technology development: the case of the Korean telecommunications industry 96361
Jeppson, K.O. Modeling the influence of the transistor gain ratio and the input-to-output coupling capacitance on the CMOS inverter delay 61645
Jeppson, K.O. *see* Karlsson, P.R. 50025
Jeppson, K.O. *see* Karlsson, P.R. 55957
Jeppson, K.O. *see* Karlsson, P.R. 62759
Jepsen, K.S., Storkfelt, N., Vaa, M., Stubkjaer, K.E. Polarization dependence of linewidth enhancement factor in InGaAs/InGaAsP MQW material 63789
Jepson, A. *see* Black, R.J. 96076
Jequier, E. *see* Aminian, K. 98757
Jer Min Jou, Shung-Chih Chen A fast and memory-efficient diagnostic fault simulation for sequential circuits 92170
Jer-Shyan Wu, Rong-Jaye Chen An algorithm for computing the reliability of weighted-k-out-of-n systems 69651
Jerath, M.R., Chundru, R., Barrett, S.F., Rylander, H.G., III., Welch, A.J. Preliminary results on reflectance feedback control of photocoagulation in vivo 59399
Jerby, E. Linear analysis of periodic-waveguide cyclotron maser interaction 63620
Jereb, L., Jakab, T., Telek, M., Sipos, A., Paksy, G. PLANET: a tool for telecommunication network 85366
Jereb, P. *see* Nastran, J. 55127
Jergel, M. *see* Pincik, E. 71360
Jergel, M. *see* Vavra, I. 93048
Jerger, S. *see* Ziock, H.J. 76767
Jeric, V. Technical characteristics of coastal radar 97427
Jerisian, R. *see* Moragues, J.-M. 62828
Jerkov, G.J. *see* Mitev, K.D. 52768
Jerman, H., Dunbar, M. Understanding microvalve technology 100428
Jerman-Blazic, B., Trcek, D., Klobucar, T., Bracun, F. A tool for support of key distribution and validity certificate check in global directory service 83983
Jermann, F., Buse, K. Light-induced thermal gratings in $LiNbO_3$:Fe 94677
Jermann, F. *see* Buse, K. 50971
Jerng, D. *see* Cho, Y. 87949
Jernigan, E. *see* Erler, K. 74501
Jerome, R.C., Post, I.R.C., Travnicek, T.G., Wodek, G.M., Huffstater, K.E., Williams, D.R. ACUTE: a high performance analog complementary polysilicon emitter bipolar technology utilizing SOI/trench full dielectric isolation 93585
Jerominek, H., Pan, J. Laser-assisted deposition and etching of silicon for fabrication of refractive and diffractive optical elements 63454
Jeron, T. *see* Jard, C. 65076
Jerosolimski, M., Levacher, L. A new method for fast calculation of Jacobian matrices: automatic differentiation for power system simulation 53651
Jerosolimski, M., Levacher, L. A new method for fast calculation of Jacobian matrices: automatic differentiation for power system simulation 77839
Jerosolimski, M. *see* Astic, J.Y. 77843
Jerrad, D., Small, H. EC developments in IT law 69445
Jerraya, A. *see* Ismail, T.B. 49085
Jerraya, A.A. *see* Kission, P. 93527
Jertz, R. *see* Carlberg, C. 88261
Jervis, B.W., Saatchi, M.R., Lacey, A., Roberts, T., Allen, E.M., Hudson, N.R., Oke, S., Grimsley, M. Artificial neural network and spectrum analysis methods for detecting brain diseases from the CNV response in the electroencephalogram 98907
Jervis, B.W. *see* Collins, P. 91926
Jervis, B.W. *see* van den Berg-Lenssen, M.M.C. 98885
Jervis, B.W. *see* Yu, S. 55148
Jerzykiewicz, A., Kociecka, K. Influence of controlled spark-gap arc resistance on the pulse shape of HV pulse generators 90228
Jeschke, C.-D. *see* Hromkovic, J. 58126
Jeschkowski, U. *see* Wagner, W. 94044
Jeske, R. *see* Evers, H. 65732
Jesmajian, R.W. *see* Griesmer, S.J. 85603
Jespers, P.G.A. *see* Gentinne, B. 93647
Jespers, P.G.A. *see* Macq, D. 80402
Jess, A.G. *see* Hun Xue 91705
Jess, J.A.G. *see* Berkelaar, M.R.C.M. 91834
Jess, J.A.G. *see* Huijbregts, E.P. 49082
Jess, J.A.G. *see* Xue, H. 49327
Jess, W. *see* Aubert, G. 83533
Jessani, R. *see* Pham, D. 92287
Jessen, K.E., Norgaard, K., Pedersen, H., Thomsen, A. Strategies for the introduction of broadband networks and services in Denmark 51947
Jesshope, C.R. *see* Nedelchev, I.M. 49276
Jessop, P.E. *see* Daly, M.G. 72365
Jester, T.L. Photovoltaic Cz silicon manufacturing technology improvements 90425
Jesus, C.de *see* de Jesus, C.
Jeszka, J.K., Tracz, A., Kryszewski, M. Properties of heterojunctions involving organic metal networks in polymer matrices 71212
Jethra, R. Viscosity measurement 87599
Jetto, L. *see* De Santis, A. 51670
Jetto, L. *see* Fioretti, S. 74180
Jetton, R.E. *see* Johnson, J.L. 74366
Jeuken, M.E.J. *see* Janssen, J.M.W.M. 95037
Jeung, W.Y. *see* Park, J.D. 50215
Jevtic, J., Lee, R. On the choice of metrons in the MEI method [EM scattering] 73261
Jevtic, J.O., Lee, R. A theoretical and numerical analysis of the measured equation of invariance 73316
Jewell, A.J. *see* Norton-Wayne, L. 84659
Jewell, J.M. *see* Williams, G.M. 63403
Jewell, T.E. *see* Tichenor, D.A. 81591
Jewell, W.T. Quality electric power 68172
Jewell, W.T. *see* Rob, R.A. 53844
Jeyasurya, B. Artificial neural networks for power system steady-state voltage instability evaluation 59858
Jeynes, C. *see* Ajayi, O.B. 70153
Jeynes, C. *see* Kazor, A. 81540
Jez, J. *see* Lencz, I. 59761
Jez, J. *see* Lencz, I. 59762
Jezek, K. *see* Rignot, E. 77461
Jezek, K.C. *see* Lytle, V.I. 77504
Jezek, K.C. *see* Zabel, I.H.H. 67848
Jezieniecki, R. *see* Rovaris, E. 57670
Jezierska, E., Kaszuwara, W., Klodas, J., Wojciechowski, S. TEM study of inhomogeneities in Nd-Fe-B sintered magnets 72180
Jezierski, A.F. *see* Xin, Z. 62283
Jezierski, A.F. *see* Zinovev, N.N. 62286
Jezierski, K. *see* Misiewicz, J. 72285
Jha, A. *see* Hewak, D.W. 56726
Jha, C.S. *see* Shridhar, L. 78617
Jha, K.K. *see* Verma, A.K. 51108
Jha, N.K. *see* Bhatia, S. 49311
Jha, N.K. *see* Bhatia, S. 91754
Jha, N.K. *see* Burns, S.W. 49291
Jha, N.K. *see* Kahn-Jetter, Z.L. 57641
Jha, N.K. *see* Raghunathan, A. 93603
Jha, N.K. *see* Sying-Jyan Wang 69905
Jha, R.H., Mahapatra, P.R., Wiesbeck, W. Surface-ray tracing on hybrid surfaces of revolution for UTD mutual coupling analysis 73319
Jha, R.K. *see* Singh, S.P. 73510
Jha, R.K. *see* Tiwari, T. 49736
Jha, R.K. *see* Tiwari, T. 71034
Jha, S., Wicker, D., Kovanic, T. Digital video capture using interpolation 70628
Jhee, Y.-K. *see* Cheong, J.-M. 82691
Jhee Yoon-Kyoo *see* Yoon-Kyoo Jhee
Jhin Choi Seong *see* Seong Jhin Choi
Jhing-Fa Wang *see* Chaug-Ching Huang 84153
Jhing-Fa Wang *see* Chuen-Cherng Chen 86721
Jhing-Fa Wang *see* Gwo-En Wang 84915
Jhing-Fa Wang *see* Liang-Wei Lee 84896
Jhing-Fa Wang *see* Liang-Ying Liu 70249
Jhing-Fa Wang *see* Liang-Ying Liu 84001
Jhing-Fa Wang *see* Lu, C.S. 95053
Jhing-Fa Wang *see* Ming-Hwa Sheu 80380
Jhing-Fa Wang *see* Ruey-Ching Shyu 84148
Jhing-Fa-Wang *see* Liang-Wei Lee 84897
Jhon, M.S., Peck, P.R., Simmons, R.F., Jr, Jan-strom, T.J. Behavior of the head-disk interface in future disk drives 72143
Jhon, M.S. *see* Choi, H.J. 63221
Jhon, M.S. *see* Kono, R.-N. 72283
Jhon, M.S. *see* Peck, P.R. 50320
Jhon, M.S. *see* Peck, P.R. 63224
Jhon Chu Shik *see* Chu Shik Jhon
Jhon Young Min *see* Young Min Jhon
Jhoun Choon-Saing *see* Choon-Saing Jhoun
Jhung Yonhong *see* Yonhong Jhung
Jhunjhunwala, A. *see* Thomas, M. 58305
Ji, M.J., Kuo, S.M. An active harmonic noise equalizer 77764
Ji, M.J. *see* Kuo, S.M. 84200
Ji, P., Wong, Y.S., Loh, H.T., Lee, L.C. SMT production scheduling: a generalized transportation approach 90966
Ji, R. *see* Sun, Z. 79962
Ji, W., Tang, S.H. Third-order nonlinear optical materials 83332
Ji, X. *see* Binding, P.A. 48862
Ji Beom Yoo *see* Dong-Hoon Jang 94473
Ji Changming *see* Changming Ji
Ji Chen, Chen Wu, Lo, T.K.Y., Ke-Li Wu, Litva, J. Using linear and nonlinear predictors to improve the computational efficiency of the FD-TD algorithm 91399
Ji Cheng He *see* He Ji Cheng
Ji Chengzhou *see* Wu Xiaoshan 81443
Ji De *see* De Ji
Ji Guoliang *see* Zhou Guofu 67969
Ji Hong Lee *see* Seog Chae 75709
Ji Hongbing *see* Fan Laiyao 83902
Ji Hyun Rho *see* Se Min Jung 78687
Ji Jun *see* Jun Ji
Ji Jun-Keun *see* Jun-Keun Ji
Ji Jusheng *see* Jusheng Ji
Ji Ke Yang The potential and long-term strategy and policy of energy development and environmental protection in China 53857
Ji Kun *see* Kun Ji
Ji Li, Bosisio, R.G., Ke Wu A six-port direct digital millimeter wave receiver 75177
Ji Li, Bosisio, R.G., Ke Wu A collision avoidance radar using six-port phase/frequency discriminator (SPFD) 90618
Ji Lin Sheng *see* Lin Sheng Ji
Ji Liu *see* Liu Ji
Ji Miao *see* Wenjie Ren 80034
Ji Pan *see* Pan Ji
Ji Tianying *see* Tianying Ji
Ji Wang *see* Lee, P.C.Y. 71871
Ji Woo-Jung *see* Byung Kwen-Song 96235
Ji Woo-Jung *see* Byung Kwen-Song 96236
Ji Xiao-Dong *see* Xiao-Dong Ji
Ji Yanchao, Dai Kejian, Liu Qingguo, Yang Yihan, Ma Li Development and simulation of broad active filter 100254
Ji Yanchao, Ma Li, Dai KeJian, Liu Qingguo, Yang Yihan The simulation and experiment of an Advanced Static Var Generator using GTO inverters 99555
Ji Yu Shi, Hung Tat Tsui Scale space filtering by Fejer kernel 95632
Ji Zhen-Li *see* Zhen-Li Ji
Ji Zhiyan, Li Yongdong, Zheng Fengshi Simulation of direct torque control of an induction motor: some improvements for low speed region 100814
Ji Zhong *see* Zhong Ji
Ji Zhonggao *see* Zhonggao Ji
Ji-Beom Yoo *see* Hyo-Hoon Park 71145
Ji-Chien Lee *see* Jen-Chuan Wang 92250
Ji-Chyun Liu, Sheau-Shong Bor, Chien-To Tai Graphical method in studying lossy transmission lines and layered absorber 51159
Ji-Fuh Liang, Xiao-Peng Liang, Zaki, K.A., Atia, A.E. Dual-mode dielectric or air-filled rectangular waveguide filters 70837
Ji-Fuh Liang, Zaki, K.A., Atia, A.E. Mixed modes dielectric resonator loaded cavity filters 92479
Ji-Fuh Liang *see* Abdelmonem, A. 92480
Ji-Fuh Liang *see* Hui-Wen Yao 83787
Ji-Fuh Liang *see* Hui-Wen Yao 92477
Ji-Hong Kim *see* Seong-Ju Kim 55839
Ji-Hua Zhang *see* Bao Hua Zhuang 75928
Ji-Hwei Horng *see* Soo-Chang Pei 95802
Ji-Jung Kai *see* Pin-Chieh Hsu 99015
Ji-Ming Peng *see* Peng Ji-Ming
Ji-Nan Lin, Hong-Qing Xu, Unbehauen, R. A generalization of canonical piecewise-linear functions 48832
Ji-Qun Shao *see* Shao Ji-Qun
Ji-Rong Huang *see* Huang Ji-Rong
Ji-Yan Chen, Zhongming Chen Realization of the 1-port lossless resistor and its application 80892
Jia, C.L. *see* Herrmann, K. 93937
Jia, F. *see* Borella, M. 50653
Jia, F. *see* Jiang, J. 91150
Jia, H. *see* Fan, M. 76680
Jia, J. *see* Tarrio, C. 67402

Jia, J.J. *see* Haass, M. 88287
Jia, L.X., Addessi, L.J., Cullen, R., Jr., Esper, A.J., Meier, R.E., Pai, C., Snydstrup, L.P., Green, M.A. Design parameters for gas-cooled electrical leads of the g-2 magnets 94006
Jia, Q.P. *see* Bai, J.Z. 53324
Jia, Q.X., Anderson, W.A. Epitaxial BaF_2 films on InP(100) deposited by r.f. magnetron sputtering 61294
Jia, Q.X., Chang, L.H., Anderson, W.A. Surface and interface properties of ferroelectric $BaTiO_3$ thin films on Si using RuO_2 as an electrode 93744
Jia, Q.X., Ebihara, K., Ikegami, T., Anderson, W.A. Metal/TaN (≈5 nm)/Si diode fabricated by DC magnetron sputtering 62657
Jia, Q.X., Reagor, D., Foltyn, S.R., Hawley, M., Mombourquette, C., Springer, K.N., Wu, X.D. Superconducting $YBa_2Cu_3O_{7-x}$ based edge junctions with $Y_{0.7}Ca_{0.3}Ba_2Cu_3O_{7-x}$ barriers 72235
Jia, Q.X. *see* Shi, Z.Q. 100748
Jia, W.Y. *see* Xie, S.W. 50958
Jia, W.Y. *see* Xie, S.W. 56868
Jia, X.D., Chen, R.M.M., Layfield, A.M. Circuit partitioning for multiprocessor SPICE 70244
Jia Feiling *see* Feiling Jia
Jia Hong-Zi *see* Hong-Zi Jia
Jia Li *see* Bai, J.Z. 53324
Jia Lian-Xing, Yu Sheng-Sheng, Yuan Zhi-Min Super precise measurement system controlled by computer in a servo-writer 58970
Jia Ming *see* Ming Jia
Jia Wei *see* Wei Jia
Jia Weiyi *see* Weiyi Jia
Jia Xiaoguang *see* Xiaoguang Jia
Jia Xiaohua *see* Xiaohua Jia
Jia Xing-De *see* Xing-De Jia
Jia Xiuping *see* Xiuping Jia
Jia Xuanjun *see* Yan Gaoqiang 56625
Jia Yi Liang, Aitchison, C.S. An optical photodetector using a distributed amplifier and P-I-N photodiode combination 86502
Jia Yun-De, Yunde Jiar, Li Ke-Jie A high resolution and high compliance tactile sensing array 97977
Jia Zhihong *see* Guo Wenyuan 90243
Jia-Ding Wei *see* Wei Jia-Ding
Jia-Erh Chen *see* Donglin Zu 67153
Jia-Guu Leu, Wengang Lu A growing process to extract image edges 74379
Jia-Hong Gao, Gore, J.C. Effects of slow flow on slice profile and NMR signal in fast imaging sequences 88451
Jia-Jin J Chen, Tse-Chien Huseh, Jiann-Jhy Liou, Ing-Shiou Hwang, Sung-I Lin Assessment of asymmetric gait in hemiplegia using electromyographic phasic activity 98905
Jia-Lin Shen *see* Lin-Shan Lee 95300
Jia-Lin Shieh *see* Jen-Inn Chyi 70029
Jia-Lin Shieh *see* Ming-Ta Yang 81940
Jia-Lin Shieh *see* Yi-Jen Chan 62865
Jia-Lin Zhu, Wenhui Duan, Bing-Lin Gu Electron-phonon scattering in $Ga_{1-x}Al_xAs$ quantum-well structures in an electric field 93017
Jia-Ming Liu, Simpson, T.B. Four-wave mixing and optical modulation in a semiconductor laser 63834
Jia-Perng Wang *see* Guan-Chyun Hsieh 100333
Jia-Qi Shen *see* Jian-Cheng Zhang 76104
Jia-Ruey Duann *see* Wei-Tou Ni 86822
Jia-Shang Wang *see* Hsien-Chung Wei 85199
Jia-Xiong Peng *see* Yan Xiong 95908
Jia-You Lee, Yu-Ming Chang, Wen-Inne Tsai, York-Yih Sun A new soft switching transition PWM boost converter for power factor correction using parallel resonant tank 90147
Jia-You Lee *see* Yu-Ming Chang 90158
Jiaa, C.L., Nguyen, P., Teng, E., Eltoukhy, A. The role of surface properties in the mechanical performance of thin film rigid disks 72148
Jiabai Rui *see* Rui Jiabai
Jiabei Xiao, Cerrina, F. Effect of condenser mirror surface roughness on partially coherent image formation in proximity X-ray lithography 81600
Jiabei Xiao, Cerrina, F. Design of an aspheric mirror for synchrotron radiation X-ray lithography beamline 88282
Jiabin Dai *see* Yuwen Qin 57648
Jiachun Deng, Wanlin Zhang, Jinke Wen, Guangyin Zhang, Huafu Wang Pulsed-laser-induced dark traces in $LiNbO_3$:Zn and $LiNbO_3$:Mg 63998
Jiachun Hu *see* Hu Jiachun
Jiadong Huang, Zhan Ding The optimization synthesis of matching network and idler circuit for varactor frequency multipliers 80519
Jiaer Chen *see* Chen Jiaer
Jiafeng Yan *see* Yan Jiafeng
Jiaguang Sun *see* Sun Jiaguang
Jiahai Yang *see* Yang Jiahai
Jiaheng Tang *see* Tang Jiaheng
Jiahnsheng Yin, Shin, C.B., Jr. K-terminal reliability in ring networks 96599
Jiahnsheng Yin, Silio, C.B., Jr. Reliability of FDDI's dual homing network architecture 65336
Jiahong Wang *see* Wang Jiahong
Jiajin Ye *see* Ruyi Chen 90604
Jiaju Du *see* Yuping Sun 50396
Jiali He *see* He Jiali
Jiali Wu *see* Jianzhong Hu 66516
Jialin Xie *see* Xie Jialin
Jialin Zou, Bhargava, V.K. On the optimum biasing of importance sampling for simulation of communication systems 85218
Jialu Zhang Phonetic and linguistic features of spoken Chinese 95292
Jiamin Wang *see* Wang Jiamin
Jian, Q.X., Wu, H.R. Dynamic motion compensated video coding 84895
Jian, W.B. *see* Ku, L.C. 82357
Jian Cao Zong *see* Zong Jian Cao
Jian Chen, Parke, S., King, J., Assaderaghi, F., Ko, P.K., Chenming Hu A high speed SOI technology with 12 ps/18 ps gate delay operating at 5 V/1.5 V 62998
Jian Chen *see* Chang Jiang Zhan 100375
Jian Chen *see* Hsing-Jen Wann 93468
Jian Chen *see* Parke, S. 63038
Jian Du *see* Takahama, Y. 88336
Jian Du Liu Practical design of CMOS circuit for stuck-open fault testability 80253
Jian Gang Zhu *see* Chang, T. 63196
Jian Gong, Volakis, J.L., Woo, A.C., Wang, H.T.G. A hybrid finite element-boundary integral method for the analysis of cavity-backed antennas of arbitrary shape 94961
Jian Gong *see* Gong Jian
Jian Gu, Fuja, T.E. A new approach to constructing optimal block codes for runlength-limited channels 73723
Jian Guo Xin, Er Jun Zang, Guanghui Wei Radio-frequency excited one-dimensional limit parameter waveguide array CO_2 laser 56606
Jian Hua Chen *see* Chen Jian Hua
Jian Jenming *see* Zhao Zhengming 60184
Jian Jiang *see* Jiang Jian
Jian Kang Wu, Takagi, M. Remote sensed image classification using multi-perspective neural networks 77216
Jian Le *see* Gevins, A. 88505
Jian Li On polarization estimation using a crossed-dipole array 57566
Jian Li, Rahman, S.M. On image and template false alarm rates when using target templates for target detection 95986
Jian Li, Zelnio, E.G. Target detection with synthetic aperture radar and coherent subtraction 75570
Jian Li *see* Hong, S.Q. 49821
Jian Li *see* Vas, P. 89956
Jian Li *see* Vas, P. 90512
Jian Lin *see* Lin Jian
Jian Liu Lei *see* Lei Jian Liu
Jian Lu, Healy, D.M., Jr., Weaver, J.B. Signal recovery and wavelet reproducing kernels 74500
Jian Ma, Catanzaro, B., Ford, J.E., Fainman, Y., Lee, S.H. Photorefractive holographic lenses and applications for dynamic focusing and dynamic image shifting 83362
Jian Ma, Rahko, K. Buffer size and switching capacity study in packet switches of broadband ISDN 85260
Jian Ma *see* Sasaki, H. 82527
Jian Ma *see* Sun, H. 50892
Jian Ma *see* Takahashi, H. 56941
Jian Pan *see* Pan Jian
Jian Peng *see* Weimin Sun 73260
Jian Ping *see* Ping Jian
Jian Ping Wang, Jin Ru Li, Pei De Tao, Xing Chang Li, Long Jiang Photoswitch based on bacteriorhodopsin Langmuir-Blodgett films 55491
Jian Shen *see* Ebbini, E.S. 99360
Jian Su-Guang *see* Su-Guang Jian
Jian Tu *see* Tu Jian
Jian Wu *see* Jinxue Wang 66420
Jian Xiao *see* Xiao Jian
Jian Yang *see* Yang Jian
Jian Yao Chen, Najafi, S.I. Adiabatic polymer-glass-waveguide all-optical switch 63945
Jian Yuan *see* Qiang Xu 81179
Jian Zhang, Nianle Wu, Jianwe Wang, Yizhuang Xu Cold electrode materials for electric-discharge CO lasers 94343
Jian Zhang *see* Zhang Jian
Jian Zhao *see* Enslin, J.H.R. 99640
Jian-Cheng Zhang, Jia-Qi Shen, Zhao-Jon Shan, Shu-Xin Zhou, Jin-Laing Zhu Radiation effects in tin dioxide as gas sensors 76104
Jian-Cuo Zhang, Zheng Li, Yu-De Ni High-reliability optical fiber local area networks for aircraft applications 59629
Jian-En Guo *see* Guo Jian-En
Jian-Feng Chen, Zagzebski, J.A., Madsen, E.L. Non-Gaussian versus non-Rayleigh statistical properties of ultrasound echo signals 77737
Jian-Gang Liu *see* Liu Jian-Gang
Jian-Gang Zhu, Haiyun Wang, Arnoldussen, T.C. Micromagnetic modeling and experimental study of transition noise correlation in thin-film media 63229
Jian-Gang Zhu, Yansheng Luo, Juren Ding, Xiao-Guang Ye, Louis, E.A. MFM study of edge overwrite in perpendicular thin film recording media 82271
Jian-Gang Zhu *see* Kyusik Sin 63183
Jian-Gang Zhu *see* Tai Min 63178
Jian-Gang Zhu *see* Xiao-Guang Ye 63129
Jian-Gang Zhu *see* Yimin Guo 72108
Jian-Guo Chen *see* Chen Jian-Guo
Jian-Guo Ma, Wolff, I. Propagation characteristics of TE-waves guided by thin films bounded by nonlinear media 94924
Jian-guo Wen *see* Zhen Guo 82939
Jian-Guo Wen *see* Zhen Guo 94341
Jian-Guo Zhang Advanced fiber optic networks using optical processing for future commercial aircrafts: multiple-access techniques and new hardware design 53515
Jian-Guo Zhang High-capacity avionics optical fiber information exchange networks 59467
Jian-Guo Zhang A new optical time-division multiple-access broadcast network based on multistar topology 75456
Jian-Hua Wu *see* Wu Jian-Hua
Jian-Hua Yu *see* Yu Jian-Hua
Jian-Jun Shi, Watanabe, Y. Uniquely decodable code pair derived from a class of generator matrices for two-user binary adder channel 96185
Jian-Li Wang *see* Fu-Ming Yang 82247
Jian-Liang Chen, Rao, N.D. A fuzzy expert system for fault diagnosis in electric distribution systems 99676
Jian-Lin Hwang *see* Chong-Yung Chi 84374
Jian-ping Dai *see* Liang Fu 53112
Jian-Ping Zhang Numerical simulation for vertical cavity surface emitting lasers with external optical feedback 56743
Jian-Ping Zhang, Petermann, K. Beam propagation model for vertical-cavity surface-emitting lasers: threshold properties 72862
Jian-Qiang Hu *see* Fu, M.C. 91190
Jian-Qin Liu *see* Qing-Yuan Wang 51641
Jian-Qin Lu *see* Lu Jian-Qin
Jian-Shiang Chen, Chi-Mou Zhao Experiments toward chattering-alleviated discretized variable structure controller design of a brushless DC servo system 100157
Jian-Wu Zhang *see* Kratzig, W.B. 69898
Jian-Xiong Zheng A general purpose 3D electromagnetic simulation and optimization package—IE3D 91769
Jian-Yi Lin *see* Lin Jian-Yi
Jian-Yu Lu, Greenleaf, J.F. A study of two-dimensional array transducers for limited diffraction beams 88881
Jianai Zhao *see* Jurbergs, D. 66292
Jianbao Wang *see* Qiang Xu 81179
Jianbo Guo *see* Guo Jianbo
Jianbo Shi, Tomasi, C. Good features to track 74593
Jianchang Mao, Jain, A.K., Flynn, P.J. Integration of multiple feature groups and multiple views into a 3D object recognition system 74625
Jiancheng Shi, Dozier, J., Rott, H. Snow mapping in alpine regions with synthetic aperture radar 67835
Jiancheng Shi, Dozier, J., Rott, H. Deriving snow liquid water content using C-band polarimetric SAR 77523
Jiancheng Shi, Dozier, J., Rott, H. Modeling and observation of polarimetric SAR response to dry snow 77524
Jiancheng Tan *see* Tan Jiancheng
Jianchu Zhou *see* Zhou Jianchu
Jiandong Di *see* Guggenbuhl, W. 80509
Jiandong Hu *see* Minan Li 91773
Jiandong Wang *see* Wang Jiandong
Jianen Guo *see* Guo Jianen
Jianfa Pei *see* Kok-Meng Lee 89879
Jianfang Wang *see* Boliong Chen 48797
JianFei Xu *see* Xu JianFei
Jianfen Liu, Raju, G.R.G. Simulation of corona discharge. Negative corona in SF_6 63068
Jianfen Liu, Raju, G.R.G. Simulation of corona discharge. Positive corona in SF_6 63069
Jianfeng Ma *see* Ma Jianfeng
Jianfeng Shao, Harjani, R. Macromodeling of analog circuits for hierarchical circuit design 91847
Jiang, A. *see* Osber, S. 54807
Jiang, A.D. *see* Qiu, M.W. 83033
Jiang, B., Kirkman, G., Reinhardt, N. A high brightness electron beam produced by a ferroelectric cathode 71032
Jiang, B. *see* Sudhama, C. 61694
Jiang, B. *see* Yampolsky, I. 67183
Jiang, C.H. *see* Bai, J.Z. 53324
Jiang, D. *see* Coton, F.N. 68504
Jiang, F. *see* Salman, S.K. 99688
Jiang, G., Zhang, L., Zheng, Y. Holo-spectrogram and its encoding display 57411
Jiang, H., Dorsey, J., Habetler, T. Global adaptive control of a power system using controlled generator braking 77975
Jiang, H., Dorsey, J.F., Qu, Z., Bond, J., McCalley, J.M. Global robust adaptive control of power systems 99474
Jiang, H., Dorsey, J.F., Qu, Z., Bond, J.A. Transient and steady state de-centralized control of large power systems 89042
Jiang, H., Elliman, R.G., Williams, J.S. P-type doping of GaAs by carbon implantation 49845
Jiang, H., Majithia, J.C. Chip level fault location using X-algorithm 80285
Jiang, H., Rappaport, S.S. CBWL: a new channel assignment and sharing method for cellular communication systems 65657

Jiang, H., Widom, A., How, H., Yuan, T., Vittoria, C. Nonlinear AC response of YBCO weak link bridges and quantum circuit theory 56243
Jiang, H. *see* Moore, P.J. 78182
Jiang, H. *see* Wang, S.T. 83561
Jiang, J., Jia, F. A robust fault diagnosis scheme based on signal modal estimation 91150
Jiang, J. *see* Xue, Y. 89118
Jiang, J.Z. *see* Chan, C.C. 54227
Jiang, J.Z. *see* Chan, C.C. 90600
Jiang, M., Stewart, W.K., Marra, M. Segmentation of seafloor sidescan imagery using Markov random fields and neural networks 99277
Jiang, M.-C., Pan, C.-T. Fast peak detector for variable frequency three-phase sinusoidal signals 61604
Jiang, N. *see* Pribat, D. 58930
Jiang, Q., Kavehrad, M. Spectral density function of optical CPFSK signals in the presence of laser phase noise 97308
Jiang, Q. *see* Hui, R. 72921
Jiang, Q. *see* Sun, D. 61226
Jiang, Q. *see* Sun, D. 61227
Jiang, Q.Y., Subbarao, E.C., Cross, L.E. Dielectric properties of single grain in PLZT ferroelectric ceramics 82141
Jiang, R.L., Liu, J.L., Zheng, Y.D., Li, H.F., Zheng, H.Z. Transport property of $Si/Si_{1-x}Ge_x/Si$ p-type modulation doped double heterostructure 81276
Jiang, S., Fujiwara, E. Necessary and sufficient conditions for unidirectional byte error locating codes 95131
Jiang, S., Fujiwara, E. Unidirectional byte error locating codes 95132
Jiang, S., Okamoto, H., Gluckstern, R.L. Transverse impedance of an iris in a beam pipe 87712
Jiang, S., Stern, T.E., Bouillet, E. Design of multicast multilayered lightwave networks 75427
Jiang, S.F., Wang, G.J. Development of ion sources for fusion research at SWIP 53180
Jiang, S.F. *see* Lu, D.L. 53198
Jiang, S.F. *see* Lu, D.L. 53257
Jiang, S.H., Yeh, J.J., Lin, R.Y., Hsu, R.J., Chen, J.R., Liu, J.C., Wang, J.P., Chang, F.T. A study on natural background neutron dose 98572
Jiang, S.H., Yeh, J.J., Lin, R.Y., Liang, J.H., Hsu, R.J., Chen, J.R., Liu, J.C., Wang, J.P., Chang, F.D. A study on natural background neutron dose 88061
Jiang, S.H. *see* Chen, C.R. 56541
Jiang, W. *see* Barron, C.C. 97999
Jiang, W.N., Mishra, U.K. A novel electron emitter with AlGaAs planar doped barrier 62067
Jiang, X., Boettger, E., Paul, M., Klages, C.-P. Approach of selective nucleation and epitaxy of diamond films on Si(100) 79854
Jiang, X. *see* Boettger, E. 81180
Jiang, X.-H., Hong, W., Chen, Y.-Y., Han, L. Theoretical and experimental investigations on orthogonal mode coupler 70856
Jiang, X.L., Song, Z.M. Multiplate pseudospark ion sources 53248
Jiang, X.P., Temkin, H., MacDonald, M., Logan, R.A., Coblentz, D. High performance InGaAsP/InP lasers on Si substrates 94445
Jiang, X.S. *see* Pappert, S.A. 56422
Jiang, X.S. *see* Yu, P.K.L. 71180
Jiang, X.Y., Bunke, H. Line segment based axial motion stereo 84884
Jiang, Y., Ekstrom, A. Study of the interaction oscillation between the AC system and the forced-commutated voltage-source converter 99605
Jiang, Y., Lee, F.C., Hua, G., Tang, W. A novel single-phase power factor correction scheme 53668
Jiang, Y. *see* Huang, T. 95299
Jiang, Y. *see* Miklos, A. 63828
Jiang, Y. *see* Tang, W. 53669
Jiang, Y. *see* Yang, E.X. 49145
Jiang, Y.P. *see* Okafor, A.C. 91669
Jiang, Z. *see* Day, I.E. 63997
Jiang Bing *see* Bing Jiang
Jiang Bingquan *see* Liu Guanyu 100412
Jiang Bo *see* Bo Jiang
Jiang Cao *see* Cao Jiang
Jiang Changyin *see* Pan Zhongying 65889
Jiang Changyin *see* Pan Zhongying 94783
Jiang Chaochuan *see* Chaochuan Jiang
Jiang Chengguo *see* Ran Shucheng 90555
Jiang Dapeng *see* Dapeng Jiang
Jiang Dongxing *see* Liu Xin 76759
Jiang Dongxing *see* Shen Dingyu 87769
Jiang Fan, Li Xiaokui An adaptive turbogenerator excitation controller based on artificial neural network 89823
Jiang Fan *see* Angell, C.A. 90346
Jiang Fan *see* Li Xiaokui 99512
Jiang Gangyi, Zhang Lihe, Zheng Yi A new algorithm for vector quantizer design based on multi-codebook 84168
Jiang Gangyi *see* Zheng Yi 85192
Jiang Guangshan *see* Guangshan Jiang
Jiang Hong *see* Hong Jiang
Jiang Hong-Yan *see* Hong-Yan Jiang
Jiang Hongwei *see* Yang Jingguo 94394
Jiang Hongyan *see* Long Yunliang 94956
Jiang Hua *see* Hua Jiang
Jiang Jian *see* Du Quangang 70011
Jiang Jianguo, Xie Weimin, Jin Wu, Yu Qinggang Simulation study of low-frequency oscillation for DC drive system of mine winder 79071
Jiang Jianguo, Xie Weimin, Tan Guojun, Yu Qinggang Digital simulation of dynamic characteristics for cycloconverter 78709
Jiang Jianhui, Hu Mou Fault tolerance and pipelining of VLSI combinational logic networks 80265
Jiang Jianmin *see* Shen Shande 99515
Jiang Jianmin *see* Zhu Shouzhen 59685
Jiang Jianyi *see* Jianyi Jiang
Jiang Jiguang *see* Tao Lan 77979
Jiang Jingyun *see* Zheng Sixiao 87947
Jiang Jingyun *see* Jingyun Jiang
Jiang Junren *see* Zhang Shu 74423
Jiang Kexun *see* Lu Feipeng 77829
Jiang Kexun *see* Wen Daigang 83509
Jiang Koxun *see* Mu Qi-Shuang 83428
Jiang Lin *see* Cao Yijia 53695
Jiang Lin *see* Lin Jiang
Jiang Liu, Hren, J.J., Sune, C.T., Jones, G.W., Gray, H.F. Field emission imaging study of silicon field emitters 62085
Jiang Long *see* Long Jiang
Jiang Maoh-Chin *see* Maoh-Chin Jiang
Jiang Min *see* Min Jiang
Jiang Minghua *see* Minghua Jiang
Jiang Minhua *see* Minhua Jiang
Jiang Moguang *see* Gu Donghong 50449
Jiang Peng *see* Peng Jiang
Jiang Ping *see* Ping Jiang
Jiang Qi-Rong *see* Min Yong 59748
Jiang Qian *see* Qian Jiang
Jiang Qirong *see* Min Yong 89111
Jiang Shicheng *see* Shicheng Jiang
Jiang Shijun *see* Shijun Jiang
Jiang Siyuan *see* Siyuan Jiang
Jiang Tao, Cheung, N.W., Chenming Hu An electromigration failure model for interconnects under pulsed and bidirectional current stressing 49916
Jiang Tiebing *see* Wei Liutao 53701
Jiang Wei *see* Min Yong 89111
Jiang Wei *see* Wei Jiang
Jiang Wei-Nan *see* Wei-Nan Jiang
Jiang Weihua *see* Weihua Jiang
Jiang Weisheng *see* Weisheng Jiang
Jiang Wen, You Zhisheng, Li Hui Segment the metallograph images using Gabor filter 95901
Jiang Xianchun Prefix code translation by mapping 57350
Jiang Xiang-Liu *see* Xiang-Liu Jiang
Jiang Xianzuo *see* He Guoyu 94957
Jiang Xiao *see* Xiao Jiang
Jiang Xiaobo *see* Li Shenjun 50770
Jiang Xin *see* Xin Jiang
Jiang Xinfa *see* Xie Lianggui 64413
Jiang Xinjian *see* Xinjian Jiang
Jiang Xun *see* Xun Jiang
Jiang Xuyang, Zhu Shengxiang, Qiu Yuanwu, Wu Yongjian, Xu Zhengquan Characteristics of $Nd:MgO:LiNbO_3$ waveguides 56391
Jiang Yandao *see* Li Shenjun 50770
Jiang Yanlin *see* Yanlin Jiang
Jiang Yimin *see* Yimin Jiang
Jiang Youquan The effect of PtTi barrier layer on the thermal stability and the ohmic characteristics of the AuTi/AuGe:Ni/GaAs system 81348
Jiang Yu Zheng, Kishino, F. Recovering 3D models from silhouette sequences and detecting unexposed regions 95867
Jiang Zhan Chang *see* Chang Jiang Zhan
Jiang Zhaowei *see* Zhaowei Jiang
Jiang Zheng *see* Zheng Jiang
Jiang Zhijin *see* Zhijin Jiang
Jiang Zhiman *see* Qu Shuzeng 89885
Jiang Zhixiang *see* Zhixiang Jiang
Jiang Zhuanfu *see* Fang Qiwan 57032
Jiang Ziping *see* Ziping Jiang
Jiang Zunfu, Guo Kaizhou A new circuit of optically tuned DRO 92548
Jiang-ao Sun *see* Anni Cai 74267
Jiang-Ni Sheng *see* Sheng Jiang-Ni
Jiang-She Zhang *see* Zhang Jiang-She
Jiang-Ying Zhang *see* Hui Kang 56474
Jiangde Peng *see* Chongcheng Fan 63728
Jianglei Ma *see* Ma Jianglei
Jianglin Wang, Butler, D.P., Celik-Butler, Z. Modeling of high-T_c superconductor parametric amplifiers and mixers 92514
Jiangping Liu *see* Liu Jiangping
Jiangtao Cao *see* Cao Jiangtao
Jiangtao Xi, Chicharo, J.F. Performance of single-auxiliary-element adaptive sidelobe cancellers for multiple jammer environments 73535
Jiangtao Xi, Chicharo, J.F. On the relationship between discrete Walsh transform and the adaptive LMS algorithm 84497
Jianguo Huang *see* Qunfei Zhang 84475
Jianguo Jiang *see* Jiang Jianguo
Jianguo Xin *see* Xin Jianguo
Jianguo Zhu *see* Dingquan Xiao 56099
Jiangzhou Wang, Moeneclaey, M., Milstein, L.B. DS-CDMA with predetection diversity for indoor radio communications 58344
Jianhan Liu *see* Liu Jianhan
Jianhong Wu *see* Wu Jianhong
Jianhong Yang *see* Yang Jianhong
Jianhong Zhen *see* Jianming Gong 72928
Jianhua Bai *see* Bai Jianhua
Jianhua Hao *see* Hao Jianhua
Jianhua Hu *see* Hu Jianhua
Jianhua Li A method of reducing the error caused by boundary shape and electrode positions in electrical impedance tomography 67580
Jianhua Lin, Storer, J.A. Design and performance of tree-structured vector quantizers 95860
Jianhua Shao, Jiarong Tong, Pushan Tang GAL-STAR gate array routing system 80247
Jianhua Wang *see* Wang Jianhua
Jianhua Wu, Zemin Liu Two dimensional FIR system identification using higher order cumulant 84561
Jianhua Yu *see* Yu Jianhua
Jianhua Zhang *see* Zhang Jianhua
Jianhua Zhao, Aihua Wang, Green, M.A. Double layer antireflection coating for high-efficiency passivated emitter silicon solar cells 90395
Jianhua Zhao *see* Green, M.A. 100608
Jianhua Zhu *see* Kuoping Wang 83349
Jianhui Chen *see* Young, A.P. 55634
Jianhui Chen *see* Young, A.P. 81330
Jianhui Jiang *see* Jiang Jianhui
Jianhui Wu *see* Wu Jianhui
Jianhui Zhou, Namkyoo Park, Vahala, K.J., Newkirk, M.A., Miller, B.I. Four-wave mixing wavelength conversion efficiency in semiconductor traveling-wave amplifiers measured to 65 nm of wavelength shift 83289
Jianhva Zhang *see* Zhang Jianhva
Jianjie Liu *see* Dong Wu 100250
Jianjun He *see* He Jianjun
Jianjun Wu, Aghvami, A.H., Fines, P. A channel model and a novel adaptive equalizer for mobile radio communications 75287
Jianjun Zhang *see* Zhang Jianjun
Jiankang Chen *see* Chen Jiankang
Jianli Wang *see* Wang Jianli
Jianli Xing *see* Xing Jianli
Jianliang Zhou *see* Zhou Jianliang
Jianlin Chen *see* Chen Jianlin
Jianlin Huang *see* Huang Jianlin
Jianlin Li *see* Tantaratana, S. 92329
Jianluo Zhang, Lit, J.W.Y. Erbium-doped fiber compound-ring laser with a ring filter 56705
Jianluo Zhang, Lit, J.W.Y. All-fiber compound ring resonator with a ring filter 72964
Jianmeng Li *see* Liu, H.C. 94262
Jianmin Chen *see* Chen Jianmin
Jianmin Jiang *see* Jiang Jianmin
Jianmin Qiao *see* Gupta, A. 49869
Jianmin Wang *see* Wang Jianmin
Jianmin Wu *see* Wu Jianmin
Jianmin Zhao, Ishigame, A., Kawamoto, S., Taniguchi, T., Tanaka, H. Enhancement of transient stability based on the critical energy sensitivity 77969
Jianming Ding *see* Ding Jianming
Jianming Gong, Jianhong Zhen Three-dimensional theory of a dense thick-beam free electron laser 72928
Jianming Jin, Weng Cho Chew Variational formulation of electromagnetic boundary-value problems involving anisotropic media 57037
Jianming Li Novel silicon solar cell research program 69011
Jianming Li *see* Li Jianming
Jianming Tang, Shuicai Wang Study on quantum theory of ultrashort pulse lasers 72769
Jianming Tang *see* Tang Jianming
Jianming Tao *see* Myron Xu 66140
Jianming Zhang *see* Zhang Jianming
Jiann-Der Lee, Jau-Yien Lee, Yuan-Chiuan You, Chin-Hsing Chen Determining location and orientation of a labelled cylinder using point-pair estimation algorithm 64866
Jiann-Fuh Chen *see* Wei-Ming Wang 99663
Jiann-FuhChen, Ching-Lung Chu Combination voltage-controlled and current-controlled PWM inverters for parallel operation of UPS 90159
Jiann-Jhy Liou *see* Jia-Jin J Chen 98905
Jiann-Liang Chen *see* Hamann, B. 64283
Jiann-Liang Chen *see* Shao-Hung Chang 79486
Jiann-Rong Wu *see* Ming Ouhyoung 58093
Jiann-Shu Lee, Yung-Nien Sun, Chin-Hsing Chen Gray-level-based corner detection by using wavelet transform 74426
Jiannan Wu *see* Yusheng Rao 53171
Jiannan Wu *see* Yusheng Rao 53236
Jiannong Wang, Steeds, J.W., Hopkinson, M. The study of MBE grown (001) $In_xGa_{1-x}P/GaAs$ strained layer heterostructures by TEM and CL 81307
Jianpei Hu *see* Vitushkin, L.F. 66098
Jianping Li, Agathoklis, P., Peet, F., Sahota, T., Jensen, G. Three-dimensional reconstruction of microscope images 88467
Jianping Lu *see* Xiaoyin Hong 49930
Jianping Wang, Greenshields, I.R. Local approximation of curvature-bounded shape functions on S^2-diffeomorphic manifolds 95955
Jianping Wu *see* Wu Jianping
Jianping Xi, Tongyu Liu, Iafelice, V., Nugent, M., Si, K., del Cueto, J., Ghosh, M., Kampas, F.

Major improvement in material and device stability of a-Si:H and establishment of high stabilized efficiency of single junction a-Si solar cells 100527
Jianping Xu, Caliskan, V., Lee, C.Q. Transient time-domain analysis of zero-current switching quasi-resonant converters 61544
Jianping Xu, Lee, C.Q. Low-frequency transient time-domain characteristics of quasi-resonant converters 100370
Jianping Ying, Heumann, K. Design and application of the quasi-resonant single-ended inverter 90663
Jianping Ying, Heumann, K. Series resonant inverter with cycle control for induction heating 90664
Jianping Zhou, Taft, G., Chung-Po Huang, Murnane, M.M., Kapteyn, H.C., Christov, I.P. Pulse evolution in a broad-bandwidth Ti:sapphire laser 72745
Jianping Zhou *see* Christov, I.P. 94382
Jianping Zhou *see* Chung-Po Huang 72775
Jianqi Wang *see* Wang Jianqi
Jianqiang Xin, Bilgutay, N.M. Ultrasonic range resolution enhancement using L1 norm deconvolution 95451
Jianqin Liu *see* Nanning Zheng 51639
Jianqing He, Abd Elnaby, M., Elshabini-Riad, A. Time domain modeling of a microwave Schottky diode 70877
Jianqing Liu, Yee-Hong Yang Multiresolution color image segmentation 74302
Jianqing Shi *see* Shi Jianqing
Jianqing Wang, Takagi, T. A noninvasive method for dielectric property measurement of biological tissues 98913
Jianqiu Lei, Peihui Liang, Qimin Shen Using an aperture to measure the divergence evolution of injection-locked copper vapor laser pulse 94363
Jianqiu Lei *see* Lei Jianqiu
Jianquan Yao *see* Hang Liu 63924
Jianquan Yao *see* Xinglong Wang 72953
Jianqui Lei *see* Lei Jianqui
Jianqun Zhao *see* Wei Jiang 55692
Jianqun Zhou *see* Zhou Jianqun
Jiansen Zhao *see* Zhao Jiansen
Jiansheng Chen *see* Chen Jiansheng
Jiansheng Yuan, Kost, A. A three-component boundary element algorithm for three-dimensional eddy current calculation 83501
Jianshi Li *see* Chang, C.L. 57038
Jianshu Luo *see* Gruen, D.M. 91622
Jiantin Wu, Shu Lin, Kasami, T., Fujiwara, T., Takata, T. An upper bound on the effective error coefficient of two-stage decoding, and good two-level decompositions of some Reed-Muller codes 51358
Jianwe Wang *see* Jian Zhang 94343
Jianwei Ma *see* Zhenhua Li 56664
Jianwei Wang *see* Chein-I Chang 74235
Jianwei Wang *see* Chein-I Chang 84638
Jianwen Shao *see* Shao Jianwen
Jianwu Wang *see* Wang Jianwu
Jianxiang Wang, Shenquan Liu Visual knowledge for intelligent drafting system 80976
Jianxiang Wu, Michalski, K.A. Hybrid finite element-multifilament current method for electromagnetic scattering 73274
Jianxin Fu *see* Fu Jianxin
Jianxin Li *see* Li Jianxin
Jianxin Lui *see* Lui Jianxin
Jianxin Shen *see* Shen Jianxin
Jianxin Tang, Huang, W.V. A constraint relaxed differential dynamic programming approach to hydrothermal scheduling 77871
Jianxiong Wu, Zeyu Qi, Chorkin Chan, Jiegu Li Speaker normalization by input space optimization for continuous density hidden Markov models 95350
Jianxu Shi, Fonseka, J.P. Dimensioning of self-healing rings and their interconnections 86435
Jianxun Ding, Hong Jiang Modeling a class of priority-based ATM communication switch designs 96925
Jianxun He *see* He Jianxun
Jianxun Zhang *see* Boliong Chen 48797
Jianyi Jiang *see* Yuping Sun 50396
Jianyu Yang *see* Yang Jianyu
Jianyuan Xu *see* Xu Jianyuan
Jianyue Ma *see* Ma Jianyue
Jianzheng Liu *see* Liu Jianzheng
Jianzhong Hu, Jiali Wu, Chengyun Tian, Wei Wu, Hongwei Zhang, Deren Lu, Guoxiong Zhang Microarray H_2O_2 electrodes as base elements of high-response glucose sensors 66516
Jianzhong Tong *see* Hsiao-Dong Chiang 89237
Jianzhong Tong *see* Hsiao-Dong Chiang 89238
Jianzhong Zhang *see* Yu, F.T.S. 87236
Jianzhuang Liu, Weixin Xie Pyramid segmentation of color images using fuzzy c-means clustering algorithm 74436
Jiao, C. *see* Fan, M. 76680
Jiao, J. *see* Fan, M. 76680
Jiao, K.L. *see* Zheng, J.P. 72600
Jiao Gui-Yue Improvements in the 860 A Cs sputter source for high energy ion implantation 93141
Jiao Lianbo, Lou Shuhui, Shen Hongxia, Huang Bihua A terminal box with temperature and humidity control 77936
Jiao Lianwei *see* Zhu Shouzhen 99440
Jiao Lihong, Meng Zhiguo, Sun Zhonglin A novel structure for a-SiN:H/a-Si:H multilayer avalanche photodiodes 63569
Jiao Yongchang *see* Zhang Liyang 94787
Jiao Yongchang *see* Zhang Xiaomiao 95028
Jiao Yongchang *see* Yongchang Jiao
Jiao Zhixian *see* Zheng Yuping 68914
Jiaoying Shi *see* Dan Xu 85658
Jiapo Huang *see* Huang Jiapo
Jiaqi Xue *see* Xue Jiaqi
Jiar Yunde *see* Yunde Jiar
Jiarong Hong *see* Hong Jiarong
Jiarong Tong *see* Jianhua Shao 80247
Jiasen Zhang, Yingwu Lian, Dou, S.X., Peixian Ye Theory of a "stimulated photorefractive backscattering and four-wave mixing" self-pumped phase conjugator 83267
Jiasheng Xu *see* Xu Jiasheng
Jiatian Hong, Maksimovic, D., Erickson, R., Khan, I. Half-cycle control of the parallel resonant converter operated as a high power factor rectifier 68808
Jiawei Shi *see* Shi Jiawei
Jiaxian Wang *see* Wang Jiaxian
Jiaxiang Han *see* Han Jiaxiang
Jiaxiang Yang *see* Yang Jiaxiang
Jiaxiao Hu *see* Hu Jiaxiao
Jiaxin Wang, Ahmad, M., King, T.A. Theoretical modelling of thulium-sensitized holmium continuous-wave fibre lasers 72722
Jiaying Yu *see* Yundian Zhang 99382
Jiayou Feng, Fangwei Zhang, Siyong Xu, Yi Zheng, Yudian Fan Growth of ZnSe films on GaAs by ionized cluster beam epitaxy 91463
Jiayu Huang *see* Huang Jiayu
Jiayuan Fang Absorbing boundary conditions applied to model wave propagation in microwave integrated-circuits 70930
Jiayuan Fang *see* Yuzhe Chen 48688
Jiayuan Zhao *see* Zhao Jiayuan
Jiazhu Wang *see* Wang Jiazhu
Jiazun Dai *see* Dai Jiazun
Jibrail, W.W.S., Ahmed, A.-S.M., Ali, S.I.M. System optimization and experimental performance of two serial-search acquisition schemes for FH spread spectrum signals 86039
Jichai Jeong *see* Chung, Y.C. 72919
Jicheng Mao *see* Mao Jicheng
Jichong Chang *see* Chang Jichong
Jichuan Yang *see* Kushner, H.J. 74767
Jicong Shi Integrable polynomial factorization for symplectic systems 76328
Jie, S. *see* Murray, J.T. 56859
Jie Chen *see* Chen Jie
Jie Gu, Hung, Y.Y., Fang Chen Iteration algorithm for computer-aided speckle interferometry 84728
Jie Gu Li *see* Ying Shan 95936
Jie Huang, Ohnishi, N., Sugie, N. A biomimetic system for localization and separation of multiple sound sources 99318
Jie Li *see* Li Jie
Jie Liu *see* Liu Jie
Jie Shen Remarks on the pressure error estimates for the projection methods 61189
Jie Wang, Ross, K.W. Asymptotic analysis for closed multiclass queueing networks in critical usage 48750
Jie Wang *see* Ross, K.W. 69688
Jie Wu Current-mode high-order OTA-C filters 70724
Jie Wu, Chang-Qing Xu, Okayama, H., Kawahara, M., Kondo, T., Ito, R. Broad-band second-harmonic generation in $LiNbO_3$ waveguide using optimized domain-inverted grating 83286
Jie Wu *see* Wenlu Wang 56489
Jie Wu *see* Wu Jie
Jie Xu, Raisanen, A.V. A method of moments solution to a three-dimensional whisker structure 55369
Jie Yang *see* Yang Jie
Jie Zheng *see* Runguang Sun 72391
Jie Zhou *see* Zhou Jie
Jiegu Li *see* Jianxiong Wu 95350
Jiegu Li *see* Li Jiegu
Jiejia Zhuang *see* Zhuang Jiejia
Jielin Pan *see* Pan Jielin
Jien Zhang *see* Zhang Jien
Jien-Chung Lo, Shih-Yao Sun, Daly, J.C. A concurrent error detection IC in 2-μm static CMOS logic 55208
Jiesheng Shi *see* Shi Jiesheng
Jifan Hu, Fuming Yang, Nasunjilegal, B., Ruwen Zhao, Huayong Pan, Zhenxi Wang, Bo-Ping Hu, Yi-Zhong Wang, Gui-Chuan Liu Hard magnetic behaviour and interparticle interaction in the $Sm_3(Fe,Ti)_{29}N_y$ nitride 71926
Jifan Hu, Fuming Yang, Ruwen Zhao, Zhenxi Wang, Shenjun Yu, Shouzeng Zhou, Boping Hu, Yizhong Wang Coercive field of $Sm_2Fe_{17}N_x$ epoxy resin bonded magnets 72000
Jifu Huang, Vahldieck, R., Hang Jin A new frequency-domain TLM algorithm using a decoupled symmetrical condensed node 83741
Jifu Huang, Vahldieck, R., Hang Jin Frequency-domain TLM analysis of the transition from rectangular to circular waveguides 94918
Jifu Huang *see* Hang Jin 83456
Jiguang Jiang *see* Jiang Jiguang
Jih, E. *see* Govila, R.K. 69561
Jih Biing-Ren *see* Biing-Ren Jih
Jih Lien *see* Jack Zezhong Peng 61693
Jih Wen Chou, Chun Yun Chang, Chimoon Huang, Lien Tse Ho, Ko, J., Hsue, P. New large angle tilt implanted drain structure: surface counter-doped-lightly doped drain for high hot carrier reliability 81855
Jih-Fang Wang *see* Wang, Y.F. 95745
Jih-Wen Kuo *see* Kuan-Jen Lin 49308
Jihan Zhu, Bogner, R., Bouzerdoum, A., Southcott, M. Application of neural networks to track association in over the horizon radar 84187
Jihe Zhang *see* Ruyi Chen 90604
Jihnson, D.C. *see* Kitagawa, T. 72787
Jihong He *see* He Jihong
Jihong Zhang, Youli Bao An adaptive hierarchical image coding technique using transform vector quantization 85188
Jihua Chen, Shaoqing Li Logic minimization and technology mapping in IDDES 80046
Jihuang Hu *see* Hu Jihuang
Jiin Wen Li, Yan Kuin Su, Yokoyama, M. ZnS thin films prepared by low-pressure metalorganic chemical vapor deposition 79784
Jiing-Yuan Lin, Tai-Chien Liu, Wen-Zen Shen A cell-based power estimation in CMOS combinational circuits 92155
Jijun Song *see* Bihong Guo 100410
Jijun Wu *see* Wu Jijun
Jik Hyun Chang *see* Chang Jik Hyun
Jik Kwon Sang *see* Sang Jik Kwon
Jiko, H. Technics G series separate amplifier technologies 70308
Jikuhara, R. *see* Kubo, T. 82360
Jikuhara, R. *see* Tanahashi, S. 93956
Jiles, D.C. *see* Chen, Z.J. 49026
Jilie Xiao *see* Xiao Jilie
Jilinsky, A.P., Rusanov, Ju.A., Shipilin, A.V. Dual-mode optical-fibre distributed sensor for the measurement of physical quantities 98025
Jillie, D.W. Controlling electromagnetic interference in semiconductor facilities 64162
Jilong Yang *see* Shuxin Huang 80107
Jim, C.Y. *see* Fung, T. 67914
Jim Yeom Dong *see* Dong Jim Yeom
Jimbo, S., Maruoka, A. On the relationship between the diameter and the size of a boundary of a directed graph 61090
Jimbo, T. *see* Egawa, T. 72846
Jimbo, T. *see* Egawa, T. 94516
Jimbo, T. *see* Hasegawa, Y. 63762
Jimbo, T. *see* Mingju Yang 60477
Jimbo, T. *see* Mingju Yang 100447
Jimbo, T. *see* Soga, T. 55604
Jimbo, T. *see* Soga, T. 100449
Jimbo, T. *see* Umeno, M. 100686
Jimbo, Y. *see* Kasai, H. 65412
Jimenez, B. *see* de Frutos, J. 52867
Jimenez, B. *see* Pardo, L. 56143
Jimenez, C. *see* Perez-Rigueiro, J. 62664
Jimenez, D.W., Ignatius, H.J. Applying cost-of-ownership simulation to wafer sort and final test 69532
Jimenez, J. *see* Borghs, G. 61944
Jimenez, J. *(editor)* Defect Recognition and Image Processing in Semiconductors and Devices. Proceedings of the Fifth International Conference 79129
Jimenez, J.L., Li, X., Wang, W.I. Resonant tunneling in AlSb-GaSb-AlSb and AlSb-InGaSb-AlSb double barrier heterostructures 49799
Jimenez, J.R., Xiao, X., Sturm, J.C., Pellegrini, P.W., Weeks, M.M. Schottky barrier heights of Pt and Ir silicides formed on Si/SiGe measured by internal photoemission 62654
Jimenez, M., Noer, R.J., Jouve, G., Jodet, J., Bonin, B. Electron field emission from large-area cathodes: evidence for the projection model 55504
Jimenez, M. *see* Allport, P.P. 76752
Jimenez, P.E. *see* Mudawar, I. 77127
Jimenez, R. *see* Rojo, O. 79693
Jimenez Rodriguez, F.J. *see* Vela, G.deM. 77685
Jimenez-Cedeno, M., Vasquez-Espinosa, R. Centralized packet radio network: a communication approach suited for data collection in a real-time flash flood prediction system 52341
Jimenez-Lopez, E. *see* Baez-Lopez, D. 55322
Jimi, J. *see* Uchimura, T. 63347
Jimin Chen *see* Chen Jimin
Jiming Lin, Mahseredjian, J., Lefebvre, S. Improvement of synchronous machine saturation simulation in the EMTP 89907
Jiming Song *see* Kun-Mu Chen 73213
Jin, D. *see* Wang, Z. 49259
Jin, G., Weide, C., Hsu, C.C. Studies of the promising material $CoSi_2$ on GaAs substrates 79920
Jin, H., Dewan, S.B. A combined feedforward and feedback control scheme for low-ripple fast-response switchmode magnet power supplies 78731
Jin, H., Sood, V.K., Chen, W. Simulation studies of a HVDC system with two DC links 99651
Jin, H., Vahldieck, R., Minkus, H., Huang, J. Rigorous field theory analysis of flip-chip interconnections in MMICs using the FDTLM method 80862

Jin, H., Wang, Y., Joos, G. A combined approach using phase-controlled rectifiers and high-frequency converters for magnet-load power supplies 64113
Jin, H. *see* Pande, M. 60347
Jin, H. *see* Peterson, B. 87020
Jin, H. *see* Vincenti, D. 90194
Jin, H. *see* Wang, Y. 100274
Jin, H.-R., Kobatake, H. Extraction of microcalcifications from mammograms using morphological filter with multiple structuring elements 67482
Jin, J., Higuchi, T. Dynamics and stability of magnetic suspension systems using tuned LC circuit 94753
Jin, J. *see* Sunada, G. 93534
Jin, J.H. *see* Yoo, K.D. 62927
Jin, J.S., Cox, B.G., Yeap, W.K. Reconstructing surfaces from sparse depth information 96007
Jin, J.S., Yeap, W.K., Cox, B.G. A neurocomputing model based on radial basis functions for stereo matching 51564
Jin, M. *see* Leung, K. 75694
Jin, M. *see* Leung, K. 77249
Jin, M.S., Wang, J.H., Ozguz, V., Lee, S.H. Monolithic integration of a silicon driver circuit onto a lead lanthanum zirconate; titanate substrate for smart spatial light modulator fabrication 56577
Jin, M.Y., Cheng, F., Ming Chen Chirp scaling algorithms for SAR processing 77619
Jin, M.Y., Ming Chen Analysis and simulation for a spotlight-mode aircraft SAR in circular flight path 77649
Jin, P.S. *see* Tichenor, D.A. 81591
Jin, Q., Luo, Z.Q., Wong, K.M. An optimum complete orthonormal basis for signal analysis and design 74167
Jin, Q., Wong, K.M., Luo, Z.Q. Wideband time delay and Doppler stretch estimation: the application of wavelet transform and the optimum signal 75594
Jin, Q.Y. *see* Xu, Y.B. 63186
Jin, S., Fanciulli, M., Moustakas, T.D., Robins, L.H. Electronic characterization of diamond films prepared by electron cyclotron resonance microwave plasma 81176
Jin, S., McCormack, M. Dispersoid additions to a Pb-free solder for suppression of microstructural coarsening 79974
Jin, S., Wen, X.Y., Zhang, Z. A transmission electron microscopic study of titanium silicides fabricated by implantation of titanium into silicon and thermal annealing 81456
Jin, S. *see* McCormack, M. 49764
Jin, S. *see* McCormack, M. 79971
Jin, T. Emergency lighting 60619
Jin, X.-Q. A note on best conditioned preconditioners 79702
Jin, X.C. *see* Yeo, T.T.E. 85137
Jin, Y., Ma, X.F., Wagoner, G.A., Alexander, M., Zhang, X.-C. Anomalous optically generated THz beams from metal/GaAs interfaces 71209
Jin, Y. *see* Aniel, F. 62886
Jin, Y. *see* Sylvestre, A. 62884
Jin, Y. *see* Tsuchizawa, T. 55813
Jin, Z. *see* Unsworth, J. 91651
Jin Au Kong *see* Xia, J.J. 83604
Jin Bae Park *see* Harms, B.K. 66094
Jin Bin *see* Bin Jin
Jin Cheu Lai *see* Cheu Lai Jin
Jin Cho Byong *see* Byong Jin Cho
Jin Cho Byung *see* Byung Jin Cho
Jin Choi Hyung *see* Hyung Jin Choi
Jin Choi Myung *see* Myung Jin Choi
Jin Chun Kuk *see* Kuk Jin Chun
Jin Chung Wook *see* Wook Jin Chung
Jin Dun *see* Dun Jin
Jin Ensun *see* Dai Yisong 72836
Jin Ensun *see* Shi Jiawei 56760
Jin Ensun *see* Shi Jiawei 63800
Jin Gu *see* Qin Zhang 68406
Jin Guanchang *see* Rui Jiabai 95983
Jin Guanchang *see* Guanchang Jin
Jin Guo *see* Horng Jyh Wu 95297
Jin Guofan *see* Guofan Jin
Jin Hang *see* Hang Jin
Jin He Lee *see* Chang Joo Youn 81865
Jin Ho Seo *see* Sang Myung Kim 71737
Jin Hua *see* Hua Jin
Jin Hwa-Shyong *see* Hwa-Shyong Jin
Jin Hwan Kim, Heon Shik Shin A concurrency control protocol based on data conflict rates for distributed real-time transaction processing systems 57993
Jin Hyo Lee *see* Chang Joo Youn 81865
Jin Hyuk Kwon *see* Doh Hoon Kim 71536
Jin Jang *see* Jae Ik Woo 81915
Jin Jang *see* Kyu Chang Park 91592
Jin Jang *see* Sung Ki Kim 70141
Jin Jang Seok *see* Seok Jin Jang
Jin Jeon Young *see* Young Jin Jeon
Jin Jianming *see* Jianming Jin
Jin Joohyun *see* Joohyun Jin
Jin Jung-Il *see* Jung-Il Jin
Jin Kang *see* Zhiguo Zhang 94642
Jin Kim Duck *see* Duck Jin Kim
Jin Kong Hong *see* Hong Jin Kong
Jin Koo Rhee *see* In Shig Park 81941
Jin Koo Rhee *see* Sang Myung Kim 71737
Jin Lee Yong *see* Yong Jin Lee
Jin Li *see* Bai, J.Z. 53324
Jin Li *see* Li Jin
Jin Liu *see* Liu Jin
Jin Lu *see* Chih-Wen Liu 88942
Jin Lu *see* Lu Jin
Jin Man Han *see* Seung-Moon Yoo 70533
Jin Miao Han *see* Han Jin Miao
Jin Min Kim *see* Seong Woon Choi 62582
Jin Min Kyung *see* Kyung Jin Min
Jin Minglu *see* Minglu Jin
Jin Ou, Wu Xunwei Parameter setup and PSpice simulation for linear AND-OR gate with base current source 80259
jin Park Jae *see* Jae jin Park
Jin Park Young *see* Young Jin Park
Jin Pei Lai, Liu Xuan Zhong Adoptive technology in SMPS series high frequency switch-mode power supplies 90181
Jin Pyo Hong, Kee Young Yoo Computing space matrices for designing planar systolic arrays 92110
Jin Ru Li *see* Jian Ping Wang 55491
Jin Seog Choi *see* Doo Sik Shin 81566
Jin Seog Choi *see* Jae Pyung Mah 71860
Jin Seong Park, Chae Il Cheon Reliability improvement of thin oxide by double deposition process of silicon using chemical vapor deposition 70146
Jin Seongil *see* Seongil Jin
Jin Seung Son, Yong Chan Kye, O'Dae Kwon Development of high-power AlGaAs SCH-SQW laser diode 72884
Jin Si-Xuan, Yuan Min-Huan, Wang Lan-Ping, Song Hai-Zhi, Wang Hai-Ping, Qin Guo-Gang Controlling the Schottky barrier height of Ti/n-GaAs Schottky diode containing hydrogen by biased annealing 81793
Jin Soo Choi *see* Jae Hwui Bae 74400
Jin Soo Hwang, Kuznetsov, A.V., Sun Sook Lee, Hyang Sook Kim, Joong Gill Choi, Paul Joe Chong Heteroepitaxy of gallium nitride on (0001), (1012) and (1010) sapphire surfaces 91459
Jin Soo Park *see* Je Hong Jeong 95166
Jin Soo Song *see* Jung Woo Park 62225
Jin Tae Kim *see* Deug Hwan Kim 96802
Jin Tae Kim *see* Jeong Soo Oh 74401
Jin Teong Ong, Siew, C.K. Specifications and measurements of service areas coverage for mobile radio systems 86226
Jin Tu *see* Tu Jin
Jin Wang, Kostamovaara, J. Radiometric analysis and simulation of signal power function in a short-range laser radar 65932
Jin Wang, Schmeiser, B.W. Monte Carlo estimation of Bayesian robustness 69695
Jin Wei-Liang *see* Wei-Liang Jin
Jin Weiqi *see* Ni Guoqiang 92909
Jin Won Park, Dae Gyu Moon, Byung Tae Ahn, Ho Bin Im, Lee, K. Recrystallization of LPCVD amorphous Si films using F^+ implantation 62407
Jin Woo Hong, Soon Hyob Kim A study on objective quality assessment for synthesized speech by rule 73795
Jin Woo Kim, Ki Heung Jang, Do Hyun Kim A study on an on-line Il-Pa shorthand character recognition using fuzzy inference 74403
Jin Woo Lee *see* Jae Ho Kim 65229
Jin Woo Park *see* Sang Rock Lee 72125
Jin Wu *see* Jiang Jianguo 79071
Jin Wu *see* Wu Jin
Jin Xin *see* Zhang Zhongting 98175
Jin Xue-Jiao, Xie Zong-Ning, Sui Xin, Yu Jian-Hua Using the accelerometer to test the dynamic rotating angular errors of a slewing body 58974
Jin Ya-Qiu *see* Ya-Qiu Jin
Jin Yu *see* Yu Jin
Jin Yu De *see* De Jin Yu
Jin Yucheng *see* Yucheng Jin
Jin Yun Sun *see* Sun Jin Yun
Jin Yuquan *see* Lou Shuli 61897
Jin Zhenrong *see* Yin Huajie 89867
Jin Zhi-Liang *see* Chen Lei 96887
Jin Zhongqi *see* Shu Huaying 85257
Jin-Cheng Wang, Hsiao-Dong Chiang, Chiang-Tsung Huang, Yung-Tien Chen, Chung-Liang Chang, Chiew-Yann Chiou On-line measurement-based model parameter estimation for synchronous generators: solution algorithm and numerical studies 78583
Jin-Cheng Wang, Hsiao-Dong Chiang, Chung-Liang Chang, Ah-Hsing Liu, Chang-Horng Huang, Chiung-Yi Huang Development of a frequency-dependent composite load model using the measurement approach 89012
Jin-Cheng Wang *see* Chiang-Tsung Huang 78582
Jin-Cheng Wang *see* Chu, R.F. 78089
Jin-Cheng Wang *see* Hsiao-Dong Chiang 89237
Jin-Cheng Wang *see* Hsiao-Dong Chiang 89238
Jin-Cherng Hsu *see* Cheng-Wei Chu 82706
Jin-Ching Yeh *see* Jen-Dau Lin 76014
Jin-Fa Lee *see* Hoppe, D.J. 73305
Jin-Fa Zhang, Qin Pu, Wen-Min Hong, Wei-Xun Lin 30 kHz/30 kW ultra-frequency induction heating power supply employing IGBT modules 90661
Jin-Fu Chang, Tzi-Hui Yang End-to-end delay of an adaptive selective repeat ARQ protocol 96255
Jin-Fu Chang *see* Ywh-Ren Tsai 65576
Jin-Fu Chang *see* Zsehong Tsai 58084
Jin-Fuw Lee, Tang, D.T., Wong, C.K. A timing analysis algorithm for circuits with level-sensitive latches 92173
Jin-Gyun Chung, Parhi, K.K. Pipelining of lattice IIR digital filters 55339
Jin-Gyun Chung, Parhi, K.K. Pipelining of orthogonal double-rotation digital lattice filters 95568
Jin-Hee Lee, Jung-Hee Lee, Hae-Gwon Lee, Young-Tak Lee, Ho-Sung Cho, Tchang-Hee Hong Fabrication and characterization of the quantum well transverse junction laser diode 72845
Jin-Ho Lee, Min-Young Lee, Seong-Uk Choi, Myong-Soon Park Reducing cache conflicts in data cache prefetching 92180
Jin-Hyeung Kong An algebraic approach for the evaluation of MOS gates 70447
Jin-Hyo Lee *see* Won-Gu Kang 93465
Jin-Jang Leou *see* Shing-Huan Lee 74579
Jin-Jen Hsue, Yagle, A.E. A fast algorithm for linear least-squares smoothing and boundary value problems using number-theoretic transforms 64467
Jin-Jer Chen *see* Jiunn-Lee Lin 77038
Jin-Kyo Chung *see* Hong-bae Lee 80004
Jin-Laing Zhu *see* Jian-Cheng Zhang 76104
Jin-Liang He *see* He Jin-Liang
Jin-Lun Hu *see* Zao-Cheng Zhai 58978
Jin-Maun Ho, Shiu, M.T. Optical fiber temperature sensor based on phase shift by aluminum thermal expansion 87586
Jin-Ok Kim *see* Ki-Young Song 70849
Jin-sheng Gu *see* Gu Jin-sheng
Jin-Sheng Luo *see* Luo Jin-Sheng
Jin-Shin Lai *see* Jiue-Rou Shin 77017
Jin-Shin Lin, Wei-Yu Lee An efficient two-dimensional discrete Fourier transform analysis of periodic pixels of TFT/LCDs 58920
Jin-Shown Shie, Chen-Tang Huang Control apparatus for single crystal growth in aqueous solution method 91412
Jin-Shui Wang *see* Wang Jin-Shui
Jin-Soo Kim, Henke, H., Sessler, A.M., Sharp, W.M. The standing wave FEL/TBA: realistic cavity geometry and energy extraction 76363
Jin-Suk Park *see* True-Lon Lin 52870
Jin-Suk Park *see* True-Lon Lin 66318
Jin-Tai Yan, Pei-Yung Hsiao Routability crossing distribution and floating terminal assignment of T-type junction region 49064
Jin-Tai Yan, Pei-Yung Hsiao A general switchbox router with via minimization 70277
Jin-Tai Yan, Pei-Yung Hsiao An optimal algorithm on minimum rectangular partition of VLSI layout 80038
Jin-Won Lee *see* Dong-Il Kim 78565
Jin-Woo Ahn *see* Gwan-Sik Kong 100096
Jin-Woong Kim *see* Myung-Seon Kim 62589
Jin-wu Xung *see* Yan Liu 76206
Jin-xi Zhao *see* Zhao Jin-xi
Jin-Xiang Yu *see* Qin Xu 99200
Jin-Xiang Yu *see* Qin Xu 99208
Jin-Yu Zhang *see* Zhang Jin-Yu
Jin-Yuan Chen *see* Furse, C.M. 59422
Jin-Zhi Zhou *see* Zhou Jin-Zhi
Jinbo, H. *see* Igarashi, Y. 71432
Jinbo, H. *see* Saito, T. 62584
Jinbo, H. *see* Sakata, M. 71377
Jincan Chen *see* Chen Jincan
Jinchuan Zeng *see* Zeng Jinchuan
Jindra, J. The perspective accumulators for electric cars 68953
Jinen Huang *see* Huang Jinen
Jinfa Tang *see* Xiaoyong Li 59238
Jinfang Liu *see* Liu Jinfang
Jinfeng Zhang *see* Yong Zhu 50959
Jing, B.H. *see* Lin, L.Z. 94024
Jing, B.H. *see* Yan, L.G. 90456
Jing, T., Goodman, C.A., Drewery, J., Cho, G., Hong, W.S., Lee, H., Kaplan, S.N., Mireshghi, A., Perez-Mendez, V., Wildermuth, D. Amorphous silicon pixel layers with cesium iodide converters for medical radiography 88408
Jing, T. *see* Cho, G. 59129
Jing, T. *see* Mireshghi, A. 88120
Jing, T. *see* Mireshghi, A. 98587
Jing Chunyang *see* Zhou Zhiyao 72436
Jing Fang, Atlas, L.E. Quadratic detectors for noise-immune detection of modulated signals 95625
Jing Feng *see* Feng Jing
Jing Ho Wu *see* Wu Jing Ho
Jing Hong *see* Hong Jing
Jing Ju Lu, Huei Li Huang, Ching-Ray Chang, Ivo Klik Reversible transverse susceptibility of particulate recording media 63218
Jing Lee, Jung-Hua Chou, Shen-Li Fu Clustering algorithm for network partitioning with a hypergraph model 61468
Jing Lihua *see* Wang Faji 52921
Jing Ma *see* Ma Jing
Jing Qiu *see* Xinshun Xia 90550
Jing Shen Virtual photon impulse of bunch, beampipe response, coherent RP Beamstrahlung;

and BEPC bunch length, BES jam, virtual acceleration 76594
Jing Shi, Longjian Cao, Tek Tjing Lie Nonlinear stabilizer design in power systems using neural network 59676
Jing Shuqing *see* Zhou Shaoying 89802
Jing Wang *see* Wang Jing
Jing Wen *see* Wen Jing
Jing Wu *see* Wu Jing
Jing Xiaofeng *see* Xiaofeng Jing
Jing Yang *see* Lin Han 83480
Jing Yu Yang *see* Lei Jian Liu 74363
Jing Yuyang *see* Yuyang Jing
Jing Zhang *see* Ohtani, N. 61246
Jing Zhang *see* Zhang Jing
Jing Zhongliang, Zhang Guowei, Zhou Hongren A fast adaptive neural network scheme for multi-maneuvering target tracking 84237
Jing Zhou *see* Dahe Liu 50967
Jing Zu, Hua Wang, Shuzheng Song, Wengdong Zhang, Xiangnan Sheng Electronic manometer under the oil well 98184
Jing-an Yang *see* Yang Jing-an
Jing-de Gao *see* Jun Hu 90552
Jing-Jenn Lin *see* You-Lin Wu 81550
Jing-Jou Tang, Kuen-Jong Lee, Bin-Da Liu A new representation for programmable logic arrays to facilitate testing and logic design 70404
Jing-Li Zhou *see* Zhou Jing-Li
Jing-Pei Lin *see* Geng-Sheng Kuo 75003
Jing-Pei Lin *see* Geng-Sheng Kuo 85772
Jing-Rong Zhou *see* Yamada, T. 81286
Jing-Tong Liang *see* Wen-Chau Liu 55874
Jing-Tong Yang *see* Ping-Hue Huang 89531
Jing-Wei Feng *see* Feng Jing-Wei
Jing-Yue Lin *see* Ionescu, D. 96608
Jing-Zheng Ouyang *see* Kwong, S. 84165
Jingai Liu *see* Wei Chang 88430
Jingai Liu *see* Wei Chang 98847
Jingan Yang *see* Yang Jingan
Jingchang Zhong *see* Zhong Jingchang
Jingcheng Tong The best approximation function to irrational numbers 91271
JingChun Chen *see* Chen JingChun
Jingde Gao *see* Jun Hu 100846
Jingde Gao *see* Gao Jingde
Jingdong Ye, San-Qi Li Folding algorithm: a computational method for finite QBD processes with level-dependent transitions 51803
JingFeng Li *see* Li JingFeng
Jinggong Wang *see* Wang Jinggong
Jingguo Yang *see* Yang Jingguo
Jingheng Yang *see* Yang Jingheng
Jinghui Li *see* Chongcheng Fan 63728
Jinglin Tang *see* Zhiquan Li 66400
Jingming Bian *see* Bian Jingming
Jingming Yang *see* Yang Jingming
Jingong Pan *see* Pan Jingong
Jingping Xu *see* Xu Jingping
Jingru Liu *see* Liu Jingru
Jingsheng Li *see* Li Jingsheng
Jingshown Wu, Jiunn-Shyen Wu, Tsao, H.-W. A fiber distribution system for microcellular radio 86205
Jingsong Nie *see* Nie Jingsong
Jinguan Shen *see* Shen Jinguan
Jingui Li *see* Lindell, L.C. 59714
Jinguji, K. *see* Okuno, M. 63460
Jinguuji, M., Ehara, S., Mogi, T. Theory of modulation interference laser radar (MILR) method and its computer simulation 77212
Jingwen Li *see* Li Jingwen
Jingwen Zhang *see* Hongxi Zhang 63349
Jingwen Zhang *see* Zhang Jingwen
JingXiang He *see* Busch, M. 74880
Jingxin Tao *see* Wu Lu 81717
Jingxing Dong *see* Dong Jingxing
Jingya Hou, Fonash, S.J., Liangfan Chen A new tool for multijunction cell diagnostics—QE measurements under AM1 bias light 100538
Jingya Hou, Suntharalingam, V., Sanghoon Bae, Fonash, S.J. Examination of the mid-gap unit cell absorber and P/I interface properties needed for 15% a-SiC:H/a-Si:H/a-SiGe:H multi-junction cells: numerical modeling study 100698
Jingya Hou *see* Fonash, S.J. 72588
Jingya Hou *see* Sanghoon Bae 100697
Jingyan Cui *see* Shikui Wang 74974
Jingyi Wang *see* Mandel, P. 50926
Jingyu Luo *see* Luo Jingyu
Jingyun Jiang *see* Sixiao Zheng 53241
Jingyun Jiang *see* Jiang Jingyun
Jingyun Li, Yip, P.C. A class of smooth block transforms and applications in image compression 64686
Jingyun Li, Yip, P.C. Block transforms for cancellation of acoustic echoes 96549
Jingzhong Yuan *see* Yuan Jingzhong
Jinhai Si, Miao Yang, Yuxiao Wang, Lei Zhang, Chunfei Li, Duoyuan Wang, Shiming Dong, Wenfang Sun Nonlinear excited state absorption in cadmium texaphyrin solution 63948
Jinhai Si, Miao Yang, Yuxiao Wang, Lei Zhang, Chunfei Li, Duoyuan Wang, Shiming Dong, Wenfang Sun Nonlinear absorption in metalloporphyrin-like compounds 73023
Jinhee Kim, Hyun Joon Shin, Hu Jong Lee Dynamical properties of an underdamped single-plaquette Josephson-junction array 50430
Jinho Choi, Daechul Park A stable feedback control of the buffer state using the controlled Lagrange multiplier method 83892
Jinho Choi *see* Gi Hun Lee 86663
Jinhui Lan *see* Lan Jinhui
Jinhyuk Choi *see* Moohyun Yoon 66787
Jinjiang Yu *see* Yu Jinjiang
Jinjoo Lee *see* Jeonghoon Lee 96361
Jinjun Liu *see* Liu Jinjun
Jinkang Zhu *see* Sasaki, S. 57342
Jinkang Zhu *see* Sasaki, S. 75210
Jinke Wen *see* Jiachun Deng 63998
Jinkuan Wang, Takano, T. Adaptive antennas using a Kalman filter 84190
Jinliang Zhong *see* Zhong Jinliang
Jinming, L., Wei, W. *(editors)* Proceedings of International Symposium on Salient-Pole Machines with Particular Reference to Large Hydro-Electric Generators and Synchronous Motors 79097
Jinming Lin *see* Lin Jinming
Jinming Liu *see* Liu Jinming
Jinming Zhou *see* Zhou Jinming
Jinn Wang Shui *see* Shui Jinn Wang
Jinn-Chang Wu, Hurng-Liahng Jou A new power conditioning strategy 77987
Jinn-Chou Yoo *see* Der-Chin Su 94692
Jinn-Der Wang, Yau-Tarng Juang, Kuo-Chin Fan A new simplified method to design a robust position controller for a DC servomotor 100156
Jinn-Ja Chang, Lin-Shan Lee An exact performance analysis of the clipped diversity combining receiver for FH/MFSK systems against a band multitone jammer 52332
Jinn-Jer Peir *see* Pin-Chieh Hsu 99015
Jinn-Kwei Guo *see* Chun-Han Chen 98809
Jinn-Liang Liu, Rheinboldt, W.C. A posteriori finite element error estimators for indefinite elliptic boundary value problems 48830
Jinn-Nang Kao *see* Yi-Feng Jang 80383
Jinn-Shiang Yang *see* Yi-Feng Jang 80383
Jinno, K. *see* Yamanoi, T. 58659
Jinno, M. All optical signal regularizing/regeneration using a nonlinear fiber Sagnac interferometer switch with signal-clock walk-off 97255
Jinno, M., Schlager, J.B., Franzen, D.L. Optical sampling using nondegenerate four-wave mixing in a semiconductor laser amplifier 83110
Jinpeng Liang *see* Liang Jinpeng
Jinping Yang *see* Yang Jinping
Jinpyo Hong *see* Seongil Jin 85938
Jinqi Wang *see* Yuwen Qin 57648
Jinqin Han *see* Han Jinqin
Jinquan Deng, Jinting Liu, Shaofeng An, Yongfang Tan, Xiwen Zhu Light shift measurements in a diode-laser-pumped ^{87}Rb maser 82883
Jinquan Deng, Xiwen Zhu Theoretical analysis of the power and linewidth of the diode-laser-pumped Rb^{87} maser 56598
Jinrong Gao *see* Gao Jinrong
Jinsha Yuan *see* Yuan Jinsha
Jinshe Yuan *see* Yuan Jinshe
Jinsheng Luo *see* Yuliang Liu 50707
Jinsheng Luo *see* Luo Jinsheng
Jinsong Tang, Zhaoda Zhu A kind of neural network similar to ART network with application to radar signal sorting 86569
Jinsong Zhu *see* Chanson, S.T. 65281
Jinsoo Song Recent progress in national photovoltaic project in Korea 100559
Jinsung Oh *see* Ki-Bum Kim 86658
Jintan Sun *see* Sun Jintan
Jintang Zhang *see* Zhang Jintang
Jintao Ma *see* Lin Xianshu 88971
Jinting Liu *see* Jinquan Deng 82883
Jintong Wu *see* Wu Jintong
Jinwei Sun *see* Sun Jinwei
Jinwen Gu *see* Gu Jinwen
Jinwoo Park *see* Chee Sun Won 57647
Jinxiang Yu *see* Zhizhong Song 53240
Jinxiang Yu *see* Yu Jinxiang
Jinxing Shen, Kost, A., Gagnon, E.P. BEM formulation with virtual eddy current density and magnetic field strength for 3-D eddy currents and its massively parallel implementation 83512
Jinxue Wang, Hays, P.B., Grassl, H., Jian Wu Fabry-Perot interferometer with a new focal plane detection technique and its application in ground-based measurement of NIR OH emissions 66420
Jinyu Kuang *see* Kuang Jinyu
Jinyuan Chen *see* Chen Jinyuan
Jinyuan Shen *see* Shen Jinyuan
Jinzenji, T. *see* Ichinokura, O. 54051
Jiong Shen *see* Shen Jiong
Jiongyao Chen *see* Yuheng Zhang 94590
Jiping Chen *see* Chen Jiping
Jiran, E. *see* McCaffrey, J.P. 54817
Jiran Zhao *see* Hoping Zeng 72963
Jiraud, D.A. Broadband CDMA for wireless communications 52306
Jiren Yuan, Svensson, C. A 10-bit 5-MS/s successive approximation ADC cell used in a 70-MS/s ADC array in 1.2-μm CMOS 80399
Jiren Yuan *see* Svensson, C. 80415
Jiresova, J. *see* Siroky, K. 66584
Jirmann, J. Intermodulation properties of switching diodes 49951
Jirmann, J. Addenda and comments on the article: tracking generator (Issue 1/92) 75873
Jirmann, J. Radio-astronomical experiments in the 70cm band 97506
Jirong Wang *see* Wang Jirong
Jishen Peng *see* Peng Jishen
Jisuk Woo The personal data protection regime emerging in Korea 96334
Jitao Sun *see* Sun Jitao
Jitaru, I.D. High frequency, soft transitions converter 60359
Jitaru, I.D., Cocina, G. High efficiency DC-DC converter 68812
Jitosho, T. *see* Tanaka, T. 72104
Jitsuhara, S., Nakamura, M., Ikegami, Y., Uehara, H. Controller design for vapor temperatures of OTEC plant based on reduced order model 100027
Jiubin Tan, Dongsheng Li, Xifu Qiang, Wenguo Yong Applying the nanometer degree capacitance sensor to the super-high-precision measurement of roundness 98297
Jiue-Rou Shin, Wen-Juh Kang, Cheng-Kung Cheng, Jin-Shin Lai, Hen-Wei Taso, Te-Son Kuo Feature extraction and discrimination of electromyography signal 77017
Jiun Tsuen Lai, Ya-Min Lee, J. Redistribution of constituent elements in Pd/Ge contacts to n-type GaAs using rapid thermal annealing 81339
Jiun-Tsuen Lai, Joseph Ya-Min Lee Enhancement of electron transfer and negative differential resistance in GaAs-based real-space transfer devices by using strained InGaAs channel layers 81952
Jiun-Tsuen Lai, Lee, J.Y. Ultrahigh and controllable drain current peak-to-valley ratio in negative resistance field-effect transistors with a strained InGaAs channel 81961
Jiunn-Hwa Yu *see* Wen-Tsuen Chen 51744
Jiunn-Jian Li, Cheng-Ming Weng Self-routing multistage switch with repeated contention resolution algorithm for B-ISDN 96798
Jiunn-Lang Chen *see* Shyh-Jong Chung 73467
Jiunn-Lee Lin, Wen-Jone Chen, Jen-Tsong Schie, Chuen-Den Tseng, Jin-Jer Chen, Yun-Zu Tseng, Wen-Pin Lien Comparison of local electrogram predictors for successful catheter ablation of left- versus right-sided accessory atrioventricular pathways by radiofrequency current 77038
Jiunn-Shyen Wu *see* Jingshown Wu 86205
Jiunn-Sing Chao *see* Pin-Chieh Hsu 99015
Jiusheng Li *see* Li Jiusheng
Jiuxiang Yu *see* Yu Jiuxiang
Jivacate, C. PV development in Thailand 100560
Jiwari, N., Fukasawa, T., Kawakami, H., Shindo, H., Horiike, Y. Helicon wave plasma reactor employing single-loop antenna 93210
Jiwen Wang, Xiangui Yu, Loh, N.K., Zuxu Qin, Miller, W.C. Solving linear algebraic equations without error 57526
Jixiang Deng *see* Deng Jixiang
Jiyan Du *see* Du Jiyan
Jiyan Zou *see* Zou Jiyan
Jiyang Wang *see* Xingyu Zhang 63625
Jiyoung Kim, Khamankar, R., Sudhama, C., Bo Jiang, Lee, J., Maniar, P., Moazzami, R., Jones, R., Mogab, C.J. La doped PZT films for gigabit DRAM technology 70488
Jiyoung Kim *see* Bo Jiang 49431
Jizhong Wang *see* Wang Jizhong
Jizo, Y. *see* Kometani, H. 78923
Jo, J., Li, H.S., Chen, Y.W., Wang, K.L. Observation of a large capacitive current in a double barrier resonant tunneling diode at resonance 49956
Jo, S., Sugahara, T., Yamamoto, I. Clinical response of hyperthermia using heating equipment THERMOTRON-RF8 in Japan 98947
Jo, S.K. *see* Bramblett, T.R. 79790
Jo Byeong Rim *see* Byeong Rim Jo
Jo Gweon Do *see* Gweon Do Jo
Jo Jae Moon *see* Jae Moon Jo
Jo Nam Hong *see* Nam Hong Jo
Jo Seong-Kue *see* Seong-Kue Jo
Jo Shin Hyung *see* Hyung Jo Shin
Joachim, C. *see* Itoua, S. 71442
Joachim, H.-O. *see* Yamaguchi, Y. 71658
Joag, D.S., Sharma, A.K., More, M.A., Dusane, R.O., Takwale, M.G. Field electron emission from hydrogenated amorphous silicon films on tungsten: light-induced effects 62204
Joanblanq, C. *see* Pirat, P. 97604
Joannes, L. *see* Harari, J. 72610
Joannides, M., Le Gland, F. Position estimation of a towed underwater body 88800
Joannopoulos, J.D. *see* Meade, R.D. 56291
Joardar, K. An improved analytical model for collector currents in lateral bipolar transistors 49970
Joardar, K. A simple test structure for accurately monitoring channel doping variations in a MOSFET 63029
Joardar, K. A novel test structure for monitoring doping variations in a MOSFET 81922
Joardar, K. A simple approach to modeling cross-talk in integrated circuits 92418
Job, L. *see* Chang, C.C. 98073
Jobe, R.K. *see* Babenko, E. 76589
Jobe, R.K. *see* Stege, R.E., Jr. 76467

Jobert, M., Escola, H., Poiseau, E., Gaillard, P. Automatic analysis of sleep using two parameters based on principal component analysis of electroencephalography spectral data 77022
Jobing, R., van der Merwe, F.S., Kamper, M.J. Digital implementation of bus clamped space vector modulation 78857
Jobling, D.T., Frund, J.D., Le Bars, P., Gay, M.J. A telephone line interface for portable computers 85973
Jobst, B. *see* Hommel, D. 71282
Jobst, B. *see* Hommel, D. 72872
Jobst, G. *see* Urban, G. 66512
Jochem, T.M. *see* Chun, W.H. 88899
Jochem, W.J., Redmond, D.P., Spelman, L.H., Eberhart, R.C., Van Hoose, L., McMaster, L., Kizakevich, P.N. Biomedical Field Monitoring System 75867
Jochem, W.J. *see* Kizakevich, P.N. 77012
Jochem, W.J. *see* Kizakevich, P.N. 77013
Jochmann, M., Fub, S., Muller, K.D., Reinartz, R. A new sixteen channel leading-edge discriminator for time-of-flight experiments at COSY 59194
Jochner, M., Kitaoka, Y. Representations of positive definite quadratic forms with congruence and primitive conditions 69725
Jocteur, R., Dumas, J.-P., Carratt, M. Evolution of optical fibre and cable technologies 97336
Jodalen, V., Thrane, E.V. A study of the relation between ionospheric absorption and predicted HF propagation parameters at high latitudes 94826
Jodalen, V. *see* Thrane, E.V. 94809
Jodar, L., Morera, J.L., Rubio, G. Multistep methods for a class of higher order differential problems: convergence and error bounds 79720
Jodar, L., Morera, J.L., Villanueva, R.J. Numerical multisteps matrix methods for $Y''=f(t, Y)$ 48870
Jodar, L., Navarro, E. Co-solutions of algebraic matrix equations and higher order singular regular boundary value problems 91366
Jodar, L. *see* Navarro, E. 54777
Jodet, J. *see* Jimenez, M. 55504
Jodgudri, S.A. *see* Gadave, K.M. 61333
Jodice, J.A. *see* McElray, J.L. 78228
Joe, B. *see* Liu, A. 79749
Joe, J. *see* McVey, B.D. 70825
Joe Cheol-Je *see* Cheol-Je Joe
Joe Chong Paul *see* Paul Joe Chong
Joe Ki-Youn *see* Ki-Youn Joe
Joel Karp *see* Yunho Choi 70553
Joelsson, K. *see* Larsson, M.I. 79816
Joelsson, K. *see* Ni, W.-X. 79857
Joensson, L. *see* Burger, J. 98570
Joergensen, C. *see* Gabriagues, J.M. 97301
Joerssen, O., Meyr, H. Terminating the trellis of turbo-codes 73689
Joffrin, J. *see* Zhgoon, S. 66359
Jofre, L. *see* Rius, J.M. 73454
Jofre, L. *see* Romeu, J. 73500
Jogai, B. Self-consistent $k \cdot p$ band structure calculation for AlGaAs/InGaAs pseudomorphic high electron mobility transistors 81939
Jogai, B. *see* Look, D.C. 71718
Jogai, B. *see* Stutz, C.E. 55555
Joglekar, S. *see* Caluwaerts, J. 85517
Joglekar, S. *see* Desai, S. 51981
Joh, K., Nolen, J.A. Applications of matrix optics to acceptance studies in low-beta ion linacs 66860
Joh, K. *see* Nolen, J.A. 66864
Joh Sung Doo *see* Sung Doo Joh
Johan, A., Charre, P. Pulsed X-ray induced attenuation measurements of single made optical fibers and coupler materials 72305
Johan, A. *see* Hoffmann, A. 71640
Johannes, F. *see* Spruth, H. 56050
Johannes, F.M. *see* Doll, K. 80273
Johannes, F.M. *see* Riess, B.M. 91994
Johannes, J.E., Ekerdt, J.G. Gas-phase reaction study of disilane pyrolysis: applications to low pressure chemical vapor deposition 70148
Johannes Boe, O.G. *see* Hjelkrem, A.V.C. 85567
Johannessen, J. *see* Shuchman, R. 77349
Johannessen, J.A. *see* Grabak, O. 77351
Johannessen, O. *see* Shuchman, R.A. 67879
Johannessen, O. *see* Shuchman, R.A. 77432
Johannsen, K.G., Briskman, R.D. Satellite CD radio system trades 97520
Johannsen, W. *see* Henrich, A. 85932
Johansen, B. *see* Pedersen, J.P. 77658
Johansen, I. *see* Sponheim, N. 98879
Johansen, J. Standardisation of b-ISDN 52226
Johansen, J. *see* Barker, T. 96490
Johansen, J.K., Jenset, F., Rogne, T. Characterization of high power IGBTs with sinewave current 81918
Johansen, P.M.B. Two-wave mixing with externally applied magnetic field and Faraday effect on photorefractive medium 83258
Johansson, B. *see* Lindstrom, R. 97023
Johansson, C., Hanson, M. Influence of sample geometry in a vibrating sample magnetometer 76170
Johansson, E. *see* Bohm, C. 98679
Johansson, E. *see* Soderbarg, A. 93111
Johansson, H. *see* Dahlgren, U. 92578
Johansson, H. *see* Djupsjobacka, M. 98901
Johansson, J. *see* Edner, H. 59589
Johansson, L., Andersson, K. Chemical factors affecting dielectric breakdown in insulating liquids 82128
Johansson, M., Sundstrom, L. Linearisation of RF multicarrier amplifiers using Cartesian feedback 70307
Johansson, M. *see* Faulkner, M. 65577
Johansson, M. *see* Martens, J. 93934
Johansson, M. *see* Samuelson, L. 55638
Johansson, M. *see* Sundstrom, L. 70302
Johansson, M. *see* Sundstrom, L. 96962
Johansson, M. *see* Trischler, E. 71765
Johansson, M.E. *see* Ginley, D.S. 82332
Johansson, M.E. *see* Guo-chun Liang 53038
Johansson, M.E. *see* Liang, G.-C. 80599
Johansson, M.E. *see* Liang, G.-C. 98254
Johansson, M.E. *see* Withers, R.S. 93976
Johansson, O. *see* Agren, A. 76278
Johansson, R. Identification of continuous-time models 57551
Johansson, R. *see* Karlsson, J. 49349
Johansson, R. *see* Liden, P. 70373
Johansson, S. *see* Bexell, M. 68662
Johansson, T. On the construction of perfect authentication codes that permit arbitration 73766
Johansson, T. Lower bounds on the probability of deception in authentication with arbitration 95194
Johansson, T., Virtanen, L.R., Gobbi, J.M. "Underground capacitors"—Very efficient decoupling for high performance UHF signal processing ICs 49585
Johansson, T. *see* Bierbrauer, J. 73765
Johansson, T. *see* Christensen, D. 66520
Johansson, T.B., Van Dessel, M., Belmans, R., Geysen, W. Technique for finding the optimum geometry of electrostatic micromotors 68665
Johansson, T.B., Van Dessel, M., Belmans, R., Geysen, W. Technique for finding the optimum geometry of electrostatic micromotors 78667
Joblander, B. *see* Appourchaux, T. 56287
Joblander, B. *see* Vanhellemont, J. 71573
John, A., Jansen, R.H. A simple new technique for the implementation of vertical currents into the SDA [MIC components] 55423
John, A.N.St. *see* St. John, A.N.
John, A.P., Bhadury, B. Use of off-line and on-line controls for the manufacture of quality rings for bearings—a case study 48709
John, D. *see* Janik, D. 86835
John, E., Das, M.B., Li-Wu Yang, Liu, S.M.J. Extraction of high-frequency equivalent network parameters of HBT's by low-frequency extrapolation of microwave S-parameter data 61917
John, G., Eastham, A.R. Robust speed control of a switched reluctance drive 100868
John, J., Maclean, T.S.M., Ghafouri-Shiraz, N., Niblett, J. Matching of single-mode fibre to laser diode by microlenses at 1.5 μm wavelength 63380
John, P., Milne, D.K., Drummond, I.C., Jubber, M.G., Wilson, J.I.B., Savage, J.A. IR attenuated total reflectance studies of d.c. biased growth of diamond films 70091
John, P., Milne, D.K., Vijayarajah, W.C., Jubber, M.G., Wilson, J.I.B. The growth of (100) orientated diamond films 69928
John, P. *see* Davidson, J.L. 81505
John, T.St. *see* St. John, T.
John, V., Mohan, N., Persson, E., Nilssen, R. High frequency isolation in standby power supplies which compensate load harmonic currents 100330
John, V.I. *see* Balasubramanyam, R. 69128
John, V.I. *see* Balasubramanyam, R. 100873
John, V.I. *see* Shen, J.J. 99784
John, W. *see* Oing, S. 92687
John, W. *see* Theune, D. 92692
John James, R.P.St *see* St John James, R.P.
Johnk, R.T., Kanda, M. Alternative contour technique for the efficient computation of the effective length of an antenna 73475
Johnk, R.T. *see* Hill, D.A. 73393
Johnke, F. *see* Mohideen, U. 83137
Johns, A.T., Bo, Z.Q., Song, Y.H., Aggarwal, R.K. Spectrum analysis of fault-induced transients for the development of protection equipment 59996
Johns, A.T., Song, Y.H., Aggarwal, R.K. Study of turbine-generator torsional oscillations with particular reference to adaptive autoreclosure 89125
Johns, A.T., Xuan, Q.Y. Digital study of thyristor controlled series capacitor compensated EHV transmission systems 99638
Johns, A.T. *see* Aggarwal, R.K. 59981
Johns, A.T. *see* Aggarwal, R.K. 99748
Johns, A.T. *see* Bo, Z.Q. 59997
Johns, A.T. *see* Moore, P.J. 78182
Johns, A.T. *see* Moore, P.J. 99418
Johns, A.T. *see* Song, Y.H. 59980
Johns, A.T. *see* Song, Y.H. 89112
Johns, A.T. *see* Wang, A.D. 60021
Johns, A.T. *see* Xuan, Q.Y. 59982
Johns, A.T. *see* Xuan, Q.Y. 59985
Johns, A.T. *see* Xuan, Q.Y. 99600
Johns, D., Christopoulos, C. Numerical calculation of magnetic shielding effectiveness of enclosures using the frequency-domain TLM technique 57137
Johns, D., Christopouros, C. New frequency-domain TLM method for the numerical solution of steady-state electromagnetic problems 73400
Johns, D.A. *see* Lu, A.K. 80404
Johns, D.A. *see* Munshi, A.S. 83914
Johns, D.A. *see* Shakiba, M.H. 93681
Johns, D.P., Christopoulos, C. Dispersion of time-domain and frequency-domain formulations of the symmetrical condensed TLM node 51157
Johns, M., Morgan, L. Voltage sag mitigation through ridethrough coordination 77879
Johns, S. *see* Norton, D. 86323
Johns, S.T. *see* Boncek, R.K. 65823
Johns, S.T. *see* Erdmann, R.K. 56718
Johnsen, H., Hogda, K.-A. Results from inverting ERS-1 SAR image mode data into directional ocean wave spectra 77482
Johnsen, H. *see* Engen, G. 77505
Johnsen, H. *see* Lauknes, I. 67786
Johnsen, T., Manshadi, S., Monzavi, N. A determination of the parameters of a large class of Goppa codes 95207
Johnson, A. *see* Goutzoulis, A. 95030
Johnson, A. *see* Krycuk, A. 67110
Johnson, A.D. *see* Ashley, T. 50050
Johnson, A.K. A loss model for interdigital filters 70762
Johnson, A.L. Legal and regulatory issues confronting cities in developing an interconnected fiber optic network: the San Diego model 75496
Johnson, A.M. *see* Campisi, I.E. 67171
Johnson, A.M. *see* Chen, Y.K. 72896
Johnson, A.M. *see* Froberg, N.M. 50820
Johnson, A.M. *see* Froberg, N.M. 97318
Johnson, A.M. *see* Levine, A.M. 83297
Johnson, B., Scroggins, D., Kamgar-Parsi, B., Folds, D., Belcher, E. 3-D acoustic imaging with a thin lens 99370
Johnson, B. *see* Brown, D. 89096
Johnson, B. *see* Oswald, R. 90428
Johnson, B. *see* Reston, R.R. 81976
Johnson, B.C. *see* Alawadi, H.A. 87583
Johnson, B.J. *see* O'Dowd, J.G. 100543
Johnson, B.K., Lasseter, R.H., Alvarado, F.L., Divan, D.M., Singh, H., Chandorkar, M.C., Adapa, R. High-temperature superconducting DC networks 89205
Johnson, B.L. *see* Sacha, J.R. 74017
Johnson, B.R. *see* Foote, M.C. 66346
Johnson, B.W. *see* Cutright, E.D. 55178
Johnson, C. *see* Deis, G. 87958
Johnson, C. *see* Heim, J. 88070
Johnson, C.C. *see* Partridge, W.P., Jr. 94371
Johnson, C.D. *see* Corsini, R. 67012
Johnson, C.L., Schwank, J.W., Wise, K.D. Integrated ultra-thin-film gas sensors 66575
Johnson, C.M., Jaecklin, A.A., Palmer, R.P., Streit, P. Correlation between local segment characteristics and dynamic current redistribution in GTO power thyristors 55939
Johnson, C.M., Palmer, P.R. Current measurement using compensated coaxial shunts 98251
Johnson, C.R., MacLeod, R.S. Nonuniform spatial mesh adaptation using a posteriori error estimates: applications to forward and inverse problems 53399
Johnson, C.R., Jr. *see* Dasgupta, S. 57557
Johnson, C.R., Jr. *see* Kubin, G. 84315
Johnson, C.R., Jr. *see* Sethares, W.A. 51454
Johnson, D. Provisioning AIN services 65477
Johnson, D. How to prevent unexpected machine failures through condition monitoring 100067
Johnson, D., Brown, G.N., Botham, C.P., Beggs, S.L., Hawker, I. Distributed restoration in telecommunications networks 51958
Johnson, D. *see* Adapa, R. 77930
Johnson, D. *see* Fuhua Wang 66952
Johnson, D. *see* Li, M. 66789
Johnson, D.B. Scalable and robust internetwork routing for mobile hosts 65068
Johnson, D.B. Ubiquitous mobile host internetworking 96721
Johnson, D.C. *see* Hill, K.O. 86452
Johnson, D.C. *see* Hill, K.O. 97288
Johnson, D.C. *see* Krefta, M.P. 87679
Johnson, D.C. *see* Malo, B. 63443
Johnson, D.C. *see* Malo, B. 72383
Johnson, D.E., Lee, L.M., Hedemann, M.A., Bauer, F. PVDF measurement of soft X-ray induced shock and filter debris impulse 87113
Johnson, D.H. *see* Dabak, A.G. 84221
Johnson, D.H. *see* Lee, Y.K. 84518
Johnson, D.J. *see* Reed, R.P. 87112
Johnson, D.L. *see* Ross, R.G., Jr. 53510
Johnson, D.R. Altimetry in the Gulf of Mexico: an examination of ERS-1 and TOPEX/POSEIDON 77538
Johnson, D.R., Sereno, J. Technical communicators: who do they think we are? 90807
Johnson, D.R. *see* Turner, A.K. 100462
Johnson, D.W., Rowley, D.R., Schulze, K.H., Carrigan, J.F. Integrated flue gas treatment and heat recovery using a condensing heat exchanger 89558
Johnson, D.W. *see* Hoffman, R.N. 59591
Johnson, D.W. *see* Smith, B.W. 81721

Johnson, E. *see* Dixit, M.S. 88014
Johnson, E. *see* Yu, L.H. 63890
Johnson, E.A. *see* Vaghjiani, H.L. 87201
Johnson, E.D. Concepts for ultraviolet-free electron laser optics 83177
Johnson, E.J., Brayton, D., Holmes, P. Physical considerations for the design of a linear opto-to-RF converter for analog fiber optics 97678
Johnson, E.L. *see* Vance, P.H. 54707
Johnson, F.G. *see* Wicks, G.W. 54851
Johnson, F.S. *see* Bayoumi, A.M. 63012
Johnson, G. *see* Yamazaki, A. 70551
Johnson, G.C. *see* Weng-Sieh, Z. 81189
Johnson, G.D. *see* Goodhue, W.D. 62047
Johnson, G.H., Brews, J.R., Schrimpf, R.D., Galloway, K.F. Analysis of the time-dependent turn-on mechanism for single-event burnout of n-channel power MOSFETs 71643
Johnson, G.L. *see* Hover, K.C. 75860
Johnson, G.R., Sargeant, D.A. Advances in the scanning reference electrode technique (SRET) 80014
Johnson, J. *see* Barry, W. 76435
Johnson, J. *see* Horenstein, M. 52833
Johnson, J. *see* Mii, T. 62813
Johnson, J. *see* Rocken, C. 59550
Johnson, J. *see* Shahidi, G.G. 71797
Johnson, J. *see* Venetucci, J. 89649
Johnson, J. *see* Voldman, S. 63008
Johnson, J. *see* Ware, R. 59537
Johnson, J.B., Edwards, G., Mendenhall, M. Low-cost, high-performance array detector for spectroscopy based on a charge-coupled photodiode 58859
Johnson, J.B. *see* Becker, K. 56439
Johnson, J.D., Allander, K.S., Bounds, J.A., Garner, S.E., Johnson, J.P., MacArthur, D.W. Long-range alpha detector (LRAD) sensitivity to beta contamination and soil moisture 88840
Johnson, J.D., Allander, K.S., Bounds, J.A., Garner, S.E., Johnson, J.P., MacArthur, D.W. Long-range alpha detector (LRAD) sensitivity to beta contamination and soil moisture 99303
Johnson, J.D. *see* Garner, S.E. 98574
Johnson, J.L. Pulse-coupled neural nets: translation, rotation, scale, distortion, and intensity signal invariance for images 82778
Johnson, J.L., Thie, M.W., Jetton, R.E., Gregory, D.A. Passive optical target range finder 74366
Johnson, J.L. *see* Lyons, C.M. 52733
Johnson, J.P. *see* Garner, S.E. 98574
Johnson, J.P. *see* Johnson, J.D. 88840
Johnson, J.P. *see* Johnson, J.D. 99303
Johnson, J.T. The Internet: corporations worldwide make the connection 52186
Johnson, J.T. Wireless data: welcome to the enterprise 52311
Johnson, J.T. Carriers look to define the electronic marketplace [new telecommunications services] 85432
Johnson, J.T. ATM networking gear: welcome to the real world 96677
Johnson, K. Mix-and-match strategies for resist processing 81686
Johnson, K. Hand soldering and no-clean fluxes 92757
Johnson, K. *see* Borota, M. 75375
Johnson, K. *see* Choi, D. 92428
Johnson, K. *see* Mehta, A. 54509
Johnson, K. *see* Ohta, J. 56578
Johnson, K. *see* Ohta, J. 95880
Johnson, K. *see* White, F. 62532
Johnson, K.E., Schulz, K.J., Severson, J.M. Composition effects on recording properties of CoPtCr thin-film media 50290
Johnson, K.E. *see* Kim, M.R. 50225
Johnson, K.E. *see* Kim, M.R. 50226
Johnson, K.F. Achieving the theoretical maximum light yield in scintillating fibers through non-uniform doping 53332
Johnson, K.F. Present status of radiation damage effects in plastic scintillators and fibers 76764
Johnson, K.F., Cottingame, W.B., Bolme, G.O., Fortgang, C.M., Ingalls, W., Marquardt, J., Rusthoi, D.P., Sander, O.R., Smith, M., Worth, G.T. Operational characteristics of a 100-mA, 2-MeV radio-frequency quadrupole 76415
Johnson, K.F., Sander, O.R., Atkins, W.H., Bolme, G.O., Bowling, S., Cole, R., Connolly, R., Denney, P., Erickson, J., Gilpatrick, J.D., Ingalls, W.B., Kersteins, D., Kraus, R., Lysenko, W.P., McMurry, D., Mottershead, C.T., Power, J., Rose, C., Rusthoi, D.P., Sandoval, D.P., Schneider, J.D., Smith, M., Vaughn, G., Wadlinger, E.A., Weiss, R., Yuan, V. Commissioning of the first drift tube linac module in the Ground Test Accelerator 76427
Johnson, K.F. *see* Gilpatrick, J.D. 98456
Johnson, K.M. *see* McKnight, D.J. 56445
Johnson, K.M. *see* Sharp, G.D. 82736
Johnson, K.M. *see* Sharpe, J.P. 85103
Johnson, K.M. *see* Stockley, J.E. 56460
Johnson, K.M. *see* Turner, R.M. 52861
Johnson, K.M. *see* Wei Lin 94212
Johnson, L., McNay, S., Hill, R., Greene, D., Manor, Y., Horowitz, S., Casey, R., Murakami, K., Kaku, K., Koo, D. Low cost stand-alone ghost cancellation system 86685
Johnson, L.F. *see* Thrash, R.J. 56896
Johnson, L.G. *see* Chai, Y.-Y. 81902
Johnson, L.H., Crocker, C.M., Jr. Cost effective weapon system development through integrated modeling and hardware testing 77800
Johnson, M. The all-metal spin transistor 72196
Johnson, M., Rogers, C. Photo-realistic scene presentation: "virtual video camera" 77138
Johnson, M., Rogers, C., Hancock, W., Iacovou, D., Rose, F., Spaanenburg, H., Dietrich, P., Ghrayeb, J. Simulated breadboard: single card real-time 3D rendering engine 76135
Johnson, M., Strojwas, A.J., Greve, D.W., Reuss, R.A., Flowers, A. Limitations of electrical test information: a case study with polysilicon emitter contacts 55907
Johnson, M. *see* Forrest, S. 99941
Johnson, M. *see* Lee, T.H. 92231
Johnson, M. *see* Watring, D.A. 54813
Johnson, M.A. *see* El-Sheikh, G. 59525
Johnson, M.A. *see* Severns, M.L. 67541
Johnson, M.B. *see* Pfister, M. 71313
Johnson, M.D. *see* Orr, B.G. 91508
Johnson, M.E., Kalvenes, J. Subsystem decomposition in simulation of a PCB assembly line 69535
Johnson, M.E. *see* Cromer, D.E. 75026
Johnson, M.H. Precise alignment of optical fibers using a microfabricated silicon device 50478
Johnson, M.H., Willis, F.M. Precise molded plastic ferrules for single mode optical fibers 50479
Johnson, M.J. Analysis of current-programmed SEPIC DC/DC converter in discontinuous-conduction operating region 49146
Johnson, M.J., Roberts, B. Comparing ESAS computer generated imagery (CGI) approaches—symbolic to photo-realistic 77177
Johnson, M.J. *see* Hancock, W.R. 77170
Johnson, M.M. *see* Bobbs, B. 82887
Johnson, M.R. *see* Houston, P.A. 55921
Johnson, N.M. *see* Brandt, M.S. 49852
Johnson, N.M. *see* Gotz, W. 71207
Johnson, N.M. *see* Nickel, N.H. 55549
Johnson, N.M. *see* Nickel, N.H. 81492
Johnson, O.D. *see* Drake, K.C. 74555
Johnson, P. An Eiffel program for static network resource allocation 96635
Johnson, P. *see* Dowell, D. 76384
Johnson, P.A. Implementing service management control through object models: issues and direction 74863
Johnson, P.D. *see* Smith, N.V. 88276
Johnson, P.J. Global teaming: Meeting the challenge of global business with help from telecommunications and information technology — and a lot of management savvy! 90849
Johnson, R., Cawthon, D. Thermal characterization of 140 and 225 pin ball grid array packages 79392
Johnson, R., Mawer, A., McGuiggan, T., Nelson, B., Petrucci, M., Rosckes, D. A feasibility study of ball grid array packaging 79391
Johnson, R. *see* Bruder, S. 75599
Johnson, R. *see* Datte, P. 98455
Johnson, R. *see* Heim, J. 88070
Johnson, R.A. *see* Abe, K. 88115
Johnson, R.A. *see* Antilogus, P. 59064
Johnson, R.A. *see* Antilogus, P. 59127
Johnson, R.A. *see* Baggs, R. 76791
Johnson, R.B. *see* Gaitan, M. 66616
Johnson, R.C., Boyer, J.M. Global models in engineering education: an update 60799
Johnson, R.F. *see* Kolle, J.J. 76024
Johnson, R.G., Mokhov, N.V. Beam loss monitor system for the SSC 98458
Johnson, R.H. *see* Pothecary, N.M. 98806
Johnson, R.H. *see* Preece, A.W. 87313
Johnson, R.I. *see* Mei, P. 81912
Johnson, R.K., Torgerson, D.R., Renz, K., Thumm, G., Weiss, S. Thyristor control gives flexibility in series compensated transmission 68180
Johnson, R.L., Williams, D.E. The application of high definition display technology to the design of mobile client/server systems 66610
Johnson, R.P., Wang, D.Y., Bluem, H. Observations of effects of ion accumulation in the Maxwell model 1.2-400 synchrotron light source 67236
Johnson, R.P. *see* Wang, D.Y. 76430
Johnson, R.W. *see* Jaeger, R.C. 97983
Johnson, R.W. *see* Lee, K.F. 62856
Johnson, R.W. *see* Lee, K.F. 93613
Johnson, R.W. *see* Liu, T.M. 82092
Johnson, R.W. *see* Schwab, M.J. 89599
Johnson, S. *see* Barbara, D. 96557
Johnson, S. *see* Cui, Z. 71478
Johnson, S.A. *see* Chen, L. 64642
Johnson, S.A. *see* Wiskin, J.W. 99276
Johnson, S.D. *see* Miner, P.S. 92075
Johnson, S.G., Deaett, M.A. The application of automated recognition techniques to side-scan sonar imagery 59587
Johnson, S.M. Better controls bring more reliable welds 90694
Johnson, S.M. *see* de Lyon, T.J. 61258
Johnson, S.R., Lavoie, C., Nodwell, E., Nissen, M.K., Tiedje, T., Mackenzie, J.A. Factors affecting the temperature uniformity of semiconductor substrates in molecular beam epitaxy 54879
Johnson, S.R. *see* Elezzabi, A.Y. 63963
Johnson, S.R. *see* Mak, A. 71273
Johnson, S.X. PV manufacturing status report for Golden Photon, Inc 90423
Johnson, T.W. *see* Hunter, P.L. 68830
Johnson, W.A. *see* Chen, H.T.H. 81605
Johnson, W.B. *see* Layton, C.F. 59487
Johnson, W.H. *see* Perov, P.I. 76098
Johnson, W.N. *see* Kroeger, R.A. 88035
Johnson, W.T.K. *see* Hensley, S. 75692
Johnson, W.T.K. *see* Im, E. 75691
Johnson-Cole, H., Gilbert, J.A., Bennewitz, J.H. Variable sensitivity moire interferometry using binary optic technology 56406
Johnston, A. *see* LaBel, K.A. 67726
Johnston, A.H. Mechanisms for single-particle latchup in CMOS structures 71775
Johnston, A.H. *see* Lee, C.I. 70693
Johnston, A.R., Liu, D.T.H., Forouhar, S., Lutes, G.F., Maserjian, J., Fossum, E.R. Optical links for cryogenic focal-plane array readout 63363
Johnston, A.R., Liu, D.T.H., Forouhar, S., Lutes, G.F., Maserjian, J., Fossum, E.R. Optical links for cryogenic focal plane array readout 72434
Johnston, A.R. *see* Liu, D.T.H. 50495
Johnston, A.R. *see* Liu, D.T.H. 63415
Johnston, A.R. *see* Liu, D.T.H. 66408
Johnston, B., Atkins, M.S., Booth, K.S. Three-dimensional partial volume segmentation of multispectral magnetic resonance images using stochastic relaxation 67476
Johnston, B.D., McDaniel, D.L. Automated data acquisition and analysis for evaluation of PET detector units 53411
Johnston, C. *see* Chalker, P.R. 69929
Johnston, C. *see* Werner, M. 81345
Johnston, C.C. *see* Petroni, M. 76887
Johnston, D. Speech recognition for speech services 85599
Johnston, D., Hamblin, J. The imaging advantage for developing countries 96302
Johnston, D. *see* Lawrance, W. 100042
Johnston, D. *see* Shigekawa, N. 71618
Johnston, G.T. Comparison of two multi-site reference station differential GPS systems 97480
Johnston, J. *see* Vincent, P.S. 97913
Johnston, J.C. *see* McCann, R.S. 99083
Johnston, J.M. *see* Ito, A. 71825
Johnston, J.S. Optical sensors: the OSCA experience 75980
Johnston, K. *see* Barakat, M. 98712
Johnston, K.W. *see* Gibson, W.G.R. 88387
Johnston, M.A., Erickson, R.W. Reduction of voltage stress in the full bridge BIBRED by duty ratio and phase shift control 68832
Johnston, P.H. *see* Jagasivamani, V. 91661
Johnston, P.N., Walker, S.R., Bubb, I.F., Cohen, D.D., Dytlewski, N., Hult, M., Whitlow, H.J., Zaring, C., Ostling, M., Andersson, M. Mass and energy dispersive recoil spectrometry of Si_xGe_{1-x} grown by electron beam evaporation 48992
Johnston, P.N. *see* Hult, M. 49817
Johnston, P.N. *see* Studd, W.B. 48929
Johnston, P.R. *see* Kilpatrick, D. 88486
Johnston, R., Downer, H. Fuzzy control and signal location for a satellite antenna 83846
Johnston, R.E. *see* Yamaguchi, T. 62962
Johnston, R.H. *see* McRory, J.G. 80160
Johnston, R.T., Sullivan, J.P. An inexpensive pressure transducer for the measurement of low amplitude unsteady pressure signals 75944
Johnston, S.A., Somodi, P.J., Eby, R.K., Bernstein, B.S. Characterization of the interfacial bond in paper-polypropylene-paper laminates 54993
Johnston, W. *see* Parvin, B. 98881
Johnstone, C.O., Bell, H.C. Sources of electrical noise interference to solid state and microprocessor based protection relays 89361
Johnstone, J. *see* Mishra, C.S. 66942
Johnstone, W., Fawcett, G., Yim, L.W.K. Inline fibre-optic refractometry using index-sensitive resonance positions in single-mode fibre-to-planar-polymer-waveguide couplers 98031
Johnstone, W., Kutsuenko, V., Rice, J., Fawcett, G. Polarisation referencing in refractometry using fibre to planar waveguide couplers incorporating thin metal layers 56401
Johnstone, W., McCallion, K., Gloag, A., Langford, N. Narrow-linewidth tunable fibre lasers using "continuous fibre" bandpass filters 82995
Johnstone, W. *see* Gloag, A. 63715
Johnstone, W. *see* McCallion, K. 50660
Johri, P.K. Derivation of duality in mathematical programming and optimization theory 54713
Johri, P.K. Overlapping machine groups in semiconductor wafer fabrication 62369
Johri, P.K. An insight into dynamic channel assignment in cellular mobile communications systems 65614
Johs, B. *see* Woollam, J.A. 52997
Johsua, S., Dupin, J.-J. Using 'modelling analogies' to teach basic electricity: a critical analysis 79176
Joines, J.A., Houck, C.R. On the use of non-stationary penalty functions to solve nonlinear constrained optimization problems with GA's 91324
Joines, W.T. *see* Balakrishnan, A. 55450
Joines, W.T. *see* Clegg, S.T. 98931
Joines, W.T. *see* Palmer, W.D. 92875

Jojo, P.J., Khan, A.J., Tyagi, R.K., Ramachandran, T.V., Subba Ramu, M.C., Prasad, R. Interlaboratory calibration of track-etch detectors for the measurement of radon and radon daughter levels 98653
Jojola, A.A. *see* McBrayer, J.D. 90341
Jokanovic, B. *see* Trifunovic, V. 70852
Jokerst, N.M. Parallel processing: into the next dimension 63517
Jokerst, N.M. *see* Lacy, W.S. 50701
Jokerst, N.M. *see* Wilkinson, S.T. 82875
Jokinen, H., Aumala, O. Modelling in signal analysis 75817
Jolesz, F.A. *see* Zientara, G.P. 98863
Jolfaei, M.A., Heinrichs, B., Nazeman, M.R. Improved TCP error control for heterogeneous WANs 74943
Jolfaei, M.A., Heinrichs, B., Nazeman, M.R. TCP extensions for interconnection of LANs by satellite 85750
Jolfaei, M.A., Quernheim, U. A new selective repeat ARQ scheme for multicast communication 96242
Jolic, K.I., Nagarajah, C.R., Thompson, W. Non-contact, optically based measurement of surface roughness of ceramics 66676
Jolion, M., Seguy, M. Induction cooking and electromagnetic compatibility 54258
Jolivet, J.P. *see* Cherkaoui, R. 71928
Joll, B. *see* Uhlig, R.P. 96527
Jolly, A., Vicrey, J. Modelling threshold shift of power laser diodes under neutronic and photonic irradiation 72814
Jolly, C.L. *see* Redgate, M.L. 59437
Joly, B. Optical interfaces in cable networks 52469
Joly, P. *see* Aubertin, L. 52020
Joly, R. *see* Carbonero, J.L. 66666
Joly, R. *see* Singh, R. 49656
Joly, S. *see* Iracane, D. 72927
Jomaah, J., Balestra, F., Ghibaudo, G. Experimental investigation and numerical simulation of low-frequency noise in thin film SOI MOSFETs 50026
Jomaah, J., Balestra, F., Ghibaudo, G. Self-heating effects in SOI MOSFET's operated at low temperature 93460
Jomaah, J., Ghibaudo, G., Balestra, F. Modeling of self-heating effects in thin-film SOI MOSFET's as a function of temperature 62807
Jon Ha Ryu *see* Sang Bae Park 75654
Jonas, K. Usability of ATM connections for sensitive real-time systems 57959
Jonas, K., Mohr, Th. Concepts and methods of solution for the renovation of East German heating power plants 68441
Jonassen, D.H., Campbell, J.P., Davidson, M.E. Learning with media: restructuring the debate 69427
Jonasson, P. *see* Budtz-Jorgensen, C. 88033
Jonath, A. *see* Goldwater, R. 60848
Jonath, F. *see* Goldwater, R. 60848
Jonckheere, E.A., Hammad, A.A., Bing-Fei Wu Chaotic disturbance rejection a Kolmogorov-Sinai entropy approach 83889
Jonckheere, E.A. *see* Wu, B.-F. 73571
Jonckheere, R. *see* Pforr, R. 71461
Jonckheere, R. *see* Prewett, P.D. 81694
Jonckheere, R. *see* Ronse, K. 71462
Jone Wen-Ben *see* Wen-Ben Jone
Jones, A. *see* Claude, S.M.X. 93951
Jones, A. *see* Datte, P. 76438
Jones, A. *see* Datte, P. 98455
Jones, A. *see* Lewis, R.A. 87997
Jones, A. *see* Pitney, M.R. 59384
Jones, A.A. *see* Aiello, G.R. 98451
Jones, A.C., Auld, J., Rushworth, A., Williams, E.W., Haycock, P.W., Tang, C.C., Critchlow, G.W. The deposition of aluminum nitride thin films by metal-organic CVD—An alternative precursor system. [Magneto-optic barrier layers] 54954
Jones, A.G. *see* Bishop, M.T. 89230
Jones, A.O., Fore, N.S., Clifford, P., Hall, C., Helsby, W.I., Lewis, R.A., Parker, B., Sheldon, J., Sumner, I. Design considerations for preamplifiers to be used on fast multiwire gas proportional counter readout systems 88221
Jones, A.O., Parker, B.T., Clifford, P., Fore, N.S., Hall, C., Helsby, W.I., Lewis, R.A., Sheldon, J. A feasibility study on a multiwire gas proportional counter using a 28 ns delay line 88222
Jones, A.O. *see* Helsby, W.I. 88008
Jones, B., Bleasdale, C. Effect of overall time when radiotherapy includes teletherapy and brachytherapy: a mathematical model 59403
Jones, B. *see* Macq, B. 98825
Jones, B. *see* Pina, R.K. 66430
Jones, B.E. *see* Butler, C. 75941
Jones, B.E. *see* Cheshmehdoost, A. 58690
Jones, B.E. *see* Cheshmehdoost, A. 87093
Jones, B.E. *see* Schoch, B. 63374
Jones, B.K. Quality and reliability: electrical defects 79485
Jones, B.K., Xu, Y.Z., Denton, T.C. Electrical measurements as performance indicators of electromigration 80958
Jones, B.K., Xu, Y.Z., Denton, T.C., Zobbi, P. Electrical measurements as early indicators of electromigration failure 93269
Jones, B.K. *see* Beaumont, S.P. 88037
Jones, C. Role of HVDC looms large as power systems link up 78068
Jones, C. FGD performance hinges on mist-eliminator design 78366
Jones, C. Making Total Quality work for your organisation 79473
Jones, C.A. *see* Bailey, S.A. 72322
Jones, C.D. *see* Alexander, J.P. 59072
Jones, C.D. *see* Alexander, J.P. 70305
Jones, C.J. *see* Thrush, E.J. 54901
Jones, C.J.H. *see* Stewart, W.R. 76971
Jones, C.M., Juras, R.C., Meigs, M.J., Olsen, D.K. Use of the Holifield facility 25-MV tandem accelerator in the Oak Ridge radioactive ion beam project 76294
Jones, C.R. *see* Birch, J.R. 76149
Jones, D. *see* Brown, P. 53459
Jones, D. *see* Guillou, C. 77463
Jones, D. *see* Marple, L. 98872
Jones, D.I. Vibration control in space 53492
Jones, D.J. *see* Bandy, D.K. 82881
Jones, D.J. *see* Oraevsky, A.N. 83313
Jones, D.J. *see* Oraevsky, A.N. 94632
Jones, D.L. Direct imaging of planetary systems with a ground-based radio telescope array 97502
Jones, D.L., Bariniuk, R.G. An adaptive optimal-kernel time-frequency representation 84409
Jones, D.L. *see* Baraniuk, R.G. 84279
Jones, D.L. *see* Burke, C.P. 83692
Jones, D.L. *see* Canfield, K.G. 95550
Jones, D.L. *see* Czerwinski, R.N. 84501
Jones, D.L. *see* Czerwinski, R.N. 98776
Jones, D.P. *see* Mullaney, K. 100738
Jones, D.R., Halliwell, S.N., Little, C.E. Influence of remanent electron density on the performance of copper HyBrID lasers 82955
Jones, D.R., Maitland, A., Little, C.E. A simple and reliable 100 kHz all solid state thyratron driver for pulsed laser applications 49174
Jones, D.R., Maitland, A., Little, C.E. Radial and temporal laser pulse profiles in a 0.2 kW average power copper HyBrID laser 82906
Jones, D.R., Maitland, A., Little, C.E. A high-efficiency 200 W average power copper HyBrID laser 94327
Jones, E.C., En, W., Ogawa, S., Fraser, D.B., Cheung, N.W. Anomalous behavior of shallow BF_3 plasma immersion ion implantation 62392
Jones, E.D., Malzbender, J., Mullin, J.B., Shaw, N. Incorporation of iodine into CdTe by diffusion 71277
Jones, E.D. *see* Chalmers, S.A. 69952
Jones, E.D. *see* Schneider, R.P., Jr. 70039
Jones, E.W. *see* Park, J.S. 58746
Jones, E.W. *see* True-Lon Lin 52870
Jones, E.W. *see* True-Lon Lin 66318
Jones, G. Image segmentation using texture boundary detection 64695
Jones, G. *see* Illingworth, J. 57703
Jones, G.A., Illingworth, J. Robust segmentation of curved surfaces from range data 84880
Jones, G.A.C. *see* Arnone, D.D. 62879
Jones, G.A.C. *see* Billen, K. 71314
Jones, G.A.C. *see* Bishop, P.J. 62288
Jones, G.A.C. *see* Brown, K.M. 54887
Jones, G.A.C. *see* Burroughes, J.H. 54885
Jones, G.A.C. *see* Daniels, M.E. 62275
Jones, G.A.C. *see* Frost, J.E.F. 62910
Jones, G.A.C. *see* Grimshaw, M.P. 55621
Jones, G.A.C. *see* Kurobe, A. 81969
Jones, G.A.C. *see* Kurobe, A. 92994
Jones, G.A.C. *see* Patel, N.K. 55629
Jones, G.A.C. *see* Patel, N.K. 81335
Jones, G.A.C. *see* Simmons, M.Y. 55622
Jones, G.J., Watson, G.H. Multiresolution analysis using adaptive wavelets 57826
Jones, G.M. *see* Mullaney, K. 100738
Jones, G.M. *see* Mullaney, K. 100741
Jones, G.P., Tsorbatzoglou, K.M. Design of He-3 neutron detectors without the use of polyatomic quench gases 98604
Jones, G.R., Russell, P., Khandaker, I. Chromatic interferometry for an intelligent plasma processing system 66122
Jones, G.R. *see* Henderson, P.J. 52832
Jones, G.R. *see* Murphy, M.M. 58820
Jones, G.R. *see* Olsen, P.T. 86829
Jones, G.R. *see* Petouris, A. 48592
Jones, G.R. *see* Pilling, N.A. 89392
Jones, G.R. *see* Smith, R. 82532
Jones, G.R. *see* Taylor, S. 100388
Jones, G.R. *see* Walker, J.C. 87228
Jones, G.W. *see* Cha-Mei Tang 92878
Jones, G.W. *see* Jiang Liu 62085
Jones, H. Initiatives in Europe for 100 Tesla 73241
Jones, H., Giammarco, N., Green, D. A team oriented approach to department organization in the microelectronics industry 60825
Jones, H., Jenkins, R.G., Van Cleemput, M., Nicholas, R.J., Siertsema, W.J., van der Burgt, M. Pulsed and high temperature superconducting magnet technology in Oxford 82504
Jones, H., Schneider-Muntau, H.-J., Herlach, F. Pulsed single and multisection magnets using various wires, including CuNb microcomposite 83534
Jones, H. *see* Hole, C.R.J. 82339
Jones, H. *see* Jenkins, R.G. 72258
Jones, H. *see* Siertsema, W.J. 78732
Jones, H.E. *see* Candy, J.V. 77068
Jones, H.G. Printed circuit board fabrication flowchart 81070
Jones, H.J. *see* Nagamine, K. 76398
Jones, J. *see* Foerstner, J. 93462
Jones, J. *see* Kim, J.-J. 69194
Jones, J. *see* Metz, R.F. 57215
Jones, J.C. Bellman's curse of dimensionality and neural net configuration 74473
Jones, J.D. *see* Bendz, G.A. 79278
Jones, J.D. *see* Sonti, V.R. 93788
Jones, J.D.C. *see* Hand, D.P. 87224
Jones, J.D.C. *see* Hand, D.P. 87516
Jones, J.D.C. *see* Haran, F.M. 52886
Jones, J.D.C. *see* Haran, F.M. 56343
Jones, J.D.C. *see* Haran, F.M. 82554
Jones, J.D.C. *see* Haran, F.M. 87227
Jones, J.D.C. *see* Kidd, S.R. 66709
Jones, J.D.C. *see* Morgan, R.D. 82593
Jones, J.D.C. *see* Su, D. 83232
Jones, J.D.C. *see* Valera, J.D. 76051
Jones, J.E. *see* Bouziane, A. 50121
Jones, J.E. *see* Bouziane, A. 50122
Jones, J.L., Jones, R.E., Milne, K.B. Refractory period prolongation by biphasic defibrillator waveforms is associated with enhanced sodium current in a computer model of the ventricular action potential 53442
Jones, J.P. Real-time construction of three-dimensional occupancy maps 51688
Jones, J.R. Baseband and passband transport systems for interactive video services 51921
Jones, J.R. *see* Zybura, M.F. 80175
Jones, K. Management of OSI and TCP/IP networks: integrated management with OS/EYE*NODE 52026
Jones, K., Gabriel, W.P. The 2nd APMP resistance intercomparison 86913
Jones, K. *see* Christian, L.A. 86845
Jones, K. *see* Wisk, P.W. 48949
Jones, K.A. *see* Buchwald, W.R. 50695
Jones, K.A. *see* Dubey, M. 54829
Jones, K.A. *see* Lis, R.J. 55940
Jones, K.M. *see* Al-Jassim, M.M. 81234
Jones, K.M. *see* Al-Jassim, M.M. 100502
Jones, K.S. *see* Bharatan, S. 91489
Jones, K.S. *see* Heemyong Park 71363
Jones, K.S. *see* Heemyong Park 93122
Jones, K.S. *see* Lee, C.C. 71315
Jones, K.S. *see* Robinson, H.G. 93130
Jones, L., Garcia, E., Waites, H. Self-sensing control as applied to a PZT stack actuator used as a micropositioner 82202
Jones, L., Garcia, E., Waites, H. Self-sensing control as applied to a PZT stack actuator used as a micropositioner 82216
Jones, L. *see* Evans, C. 98364
Jones, L. *see* Evans, E. 74011
Jones, L.G. *see* Raman, S. 92007
Jones, L.K. Good weights and hyperbolic kernels for neural networks, projection pursuit, and pattern classification: Fourier strategies for extracting information from high-dimensional data 74562
Jones, M., Woodland, P.C. Exploiting variable-width features in large vocabulary speech recognition 84040
Jones, M. *see* Graf, O. 52127
Jones, M. *see* Nordin, G.P. 66621
Jones, M.C. Option 4 of MIL-H-38534: a quality management system for building compliant hybrid microcircuits for military use 59625
Jones, M.C. *see* Wand, M.P. 54757
Jones, M.E. CISTOMS-C for computerized ISD 59659
Jones, M.E. *see* Thomas, V.A. 55091
Jones, M.E. *see* Thomas, V.A. 83816
Jones, N. Preventable risks in Ex "N" and Ex "e" explosion protected motors 54022
Jones, N.B., Wang, S.Q. The classification of noise-like signals comprised of quasi-periodic transients 51494
Jones, N.B. *see* Sehmi, A.S. 53419
Jones, N.B. *see* Wang, S. 98868
Jones, N.F. Control via the mains wiring for National Grid headquarters 54245
Jones, O., Green, K., Coombs, R. Technology management: developing a critical perspective 60841
Jones, O., Sullivan, T. Establishing the determinants of internal reputation: the case of R&D scientists 90844
Jones, P., Emami, I., Goodman, J., Mikkelsen, K. Evaluating polyetheretherketone (PEEK)-based transport and storage wafer carriers 55690
Jones, P.A. *see* Perkes, G. 74262
Jones, P.F., Lim, B., Aitken, G.J.M. Area-adaptive simulated annealing for image reconstruction and restoration 64849
Jones, R. Wastewater discharge from an aqueous cleaner complying with local discharge regulations for lead 92812
Jones, R., Smith, G.A. High quality mains power from variable-speed wind turbines 68501
Jones, R., Svalbe, I. Morphological filtering as template matching 51603

Jones, R., Svalbe, I. Algorithms for the decomposition of gray-scale morphological operations 64778
Jones, R. *see* Chiu, W.K. 97982
Jones, R. *see* Hamann, N.H. 67312
Jones, R. *see* Jiyoung Kim 70488
Jones, R. *see* Parks, H.G. 56072
Jones, R. *see* Parks, H.G. 82067
Jones, R. *see* Rao, Y.J. 98022
Jones, R. *see* Smith, C.C. 66716
Jones, R. *see* Standish, R. 69531
Jones, R. *see* Zarifi, A. 87498
Jones, R.A. *see* Cole, B.C. 60881
Jones, R.B., Bateman, R.P. The concept development of a ground-based training system for the Air Force Primary Aircraft Training System 59662
Jones, R.D. *see* Brown, S.K. 53271
Jones, R.E. Superconducting super collider (SSC) collider dipole magnet (CDM) cold test stand integration and performance 87773
Jones, R.E. *see* Jones, J.L. 53442
Jones, R.E. *see* Moazzami, R. 70519
Jones, R.E., Jr., Swartzlander, E.E., Jr. Parallel counter implementation 70351
Jones, R.E., Jr., White, R.L., Williams, J.L., Qian, X.-W. The hardness of iron (N) films sputtered in Ar-N_2 mixtures 50319
Jones, R.E., Jr. *see* Moazzami, R. 61737
Jones, R.E., Jr. *see* Moazzami, R. 71890
Jones, R.E., Jr. *see* Sudhama, C. 61694
Jones, R.L. *see* Lehmann, E.D. 53373
Jones, R.M., Kroll, M.M., Ko, K., Tantawi, S., Yu, D.U.L. Applications and comparisons of methods of computing the S matrix of 2-ports [microwave circuits] 61884
Jones, R.M. *see* Sopori, B.L. 100618
Jones, R.P., Cherry, A.S., Farrall, S.D. Application of intelligent control in automotive vehicles 60587
Jones, R.P. *see* Farrall, S.D. 60598
Jones, R.T. *see* Sirkis, J. 52932
Jones, R.T. *see* Sirkis, J. 98059
Jones, R.T. *see* Sirkis, J.S. 99042
Jones, S. Design and implementation of video-rate real-time systems incorporating neural networks: experiments and experience 52038
Jones, S., Steirer, D. Clear communication—the competitive edge 90857
Jones, S. *see* Naylor, D. 49601
Jones, S. *see* Soumekh, M. 88717
Jones, S. *see* Von Goeler, S. 59246
Jones, S.C. *see* Wei, D. 98736
Jones, S.D., Akridge, J.R., Shokoohi, F.K. Thin film rechargeable Li batteries 90365
Jones, S.H. *see* Zybura, M.F. 80175
Jones, S.J. *see* Williamson, D.L. 90449
Jones, S.K., Gerodolle, A., Lombardi, C., Schafer, M., Hill, C. Complete bipolar simulation using STORM 62967
Jones, S.K. *see* Bobbio, S.M. 57061
Jones, S.M. *see* Cooper, E.G. 53491
Jones, S.R. *see* Ferreira, C. 68553
Jones, S.R. *see* Ferreira, C.A. 69068
Jones, T. *see* Grootoonk, S. 59288
Jones, T. *see* McMahon, T. 88003
Jones, T. *see* McMahon, T. 88013
Jones, T. *see* Piovano, B. 80150
Jones, T. *see* Rajeswaran, S. 59291
Jones, T.A., Yeremian, A.D., Miller, R.H. Parametric studies with PARMELA to improve SLC performance 76413
Jones, T.A. *see* Bell, N.A. 71010
Jones, T.B., Washizu, M. Equilibria and dynamics of DEP-levitated particles: multipolar theory 94732
Jones, T.B. *see* Matsubara, Y. 64079
Jones, T.B. *see* Milan, S.E. 94827
Jones, T.B. *see* Pazda, R.J. 51025
Jones, T.B. *see* Warrington, E.M. 97024
Jones, T.B. *see* Washizu, M. 94731
Jones, T.D. *see* Nelms, R.M. 69214
Jones, T.E., McGinnis, W.C., Briggs, J.S. Compact substrate heater for use in an oxidizing atmosphere 48976
Jones, T.J. *see* Kiourkos, S. 88011
Jones, T.S. *see* Bush, T.L. 62499
Jones, V.L. *see* Tangonan, G.L. 86364
Jones, W. *see* Daugherty, J. 99396
Jones, W. *see* Kobayashi, K.W. 80794
Jones, W. *see* Lamoree, J. 53728
Jones, W. *see* Lamoree, J. 77881
Jones, W.D. Reliability of telecommunications software: assessing sensitivity of least squares reliability estimates 58020
Jones, W.D., Fletcher, A.R., Jr. Electric drives on the LV100 gas turbine engine 60569
Jones, W.D. *see* Ferreira, C. 68553
Jones, W.F. *see* Rajeswaran, S. 59291
Jones, W.G. *see* Spooner, N.J.C. 59151
Jones, W.P. *see* Ball, M.S. 98452
Jones, W.P. *see* Ellison, M. 66909
Jones, W.P. *see* Li, D. 98409
Jones, W.P. *see* Liu, J.Y. 98399
Jones, W.P. *see* Syphers, M.J. 66966
Jones, W.P. *see* Wang, Y. 66910
Jong, A.J.T. *see* Widipangestu, I. 75323
Jong, E.de *see* de Jong, E.
Jong, G.de *see* de Jong, G.
Jong, G.G.de *see* de Jong, G.G.
Jong, G.W.de *see* de Jong, G.W.
Jong, M.S.de *see* de Jong, M.S.
Jong, S.J.de *see* de Jong, S.J.
Jong Cheol Shin, Sook-Il Kwun, Youngtae Kim Circuits for real-time observation of chaotic dynamics 70791
Jong Cho Young *see* Young Jong Cho
Jong Choul Kim *see* Yong Ku Baek 79907
Jong Chul Kil *see* Sok Won Kim 76242
Jong Chul Park *see* Keunseop Park 50415
Jong Chul Park *see* Soon-Gul Lee 50414
Jong Duk Lee *see* Sang gi Yu 71687
Jong Duk Lee *see* Woo-Hyeong Lee 93614
Jong Duk Lee *see* Yeo Hwan Kim 62743
Jong Gil Lee *see* Doo Sik Shin 81566
Jong Hak Hwang, Hyeon Kyeong Seong, Heung Soo Kim A study on construction of multiple-valued multiplier over $GF(p^m)$ using CCD 92120
Jong Her-Ming *see* Her-Ming Jong
Jong Ho Choi, Jong Soo Choi A morphological recognition algorithm of blob shaped particles for automated visual inspection 64577
Jong Hoon Kim, Jea Beom Shin, Young Serk Shim A block adaptive bit allocation for progressive transmission of mean difference pyramid image 74395
Jong Hoon Kim, Jong Kil Chae, Young Serk Shim A progressive DCT image coding by non-sequential bit ordering 95876
Jong Hwa Lee, Myeong Kyoo Doh, Choong Woong Lee A VLSI chip for motion estimation of HDTV signals 66039
Jong Hwan Lim, Dong Woo Cho Specular reflection probability in the certainty grid representation 97464
Jong Hyun Lee *see* Doh Hoon Kim 71536
Jong Jyh-Ming *see* Jyh-Ming Jong
Jong Kil Chae, Eon Kyeong Joo Error correction coding on the transform coded image transmission over noisy channel 64317
Jong Kil Chae *see* Jong Hoon Kim 95876
Jong Kun Park *see* Park Jong Kun
Jong Kwan Song, Yong Hoon Lee Analysis and implementation of linear combination of weighted order statistic filters 95598
Jong Kyu Lee *see* Jae Hyun Kim 74723
Jong Kyu Lee *see* Kyeong Deok Moon 85369
Jong Kyu Lee *see* Sung Bin Kim 85247
Jong Lee Hu *see* Hu Jong Lee
Jong Lee Yoon *see* Yoon Jong Lee
Jong O Kim *see* Young Gun Kim 70385
Jong Park Chan *see* Chan Jong Park
Jong Ryul Park, Seok Bung Han Design of high performance full-swing BiCMOS logic circuit 80260
Jong Seob Baek *see* Seung Hyun Nam 61742
Jong Seok Han, Jean Hou Jeong, Yung Kwon Kim The optimum design of optical heterodyne receiver used on optical satellite communication under turbulent atmosphere 75515
Jong Seok Lee, Sang Uk Lee Connected Korean digit recognition using neural networks and lexical analysis 73799
Jong Soo Choi *see* Gi Hun Lee 64868
Jong Soo Choi *see* Jeong Soo Oh 74401
Jong Soo Choi *see* Jong Ho Choi 64577
Jong Soo Kim, Leachman, R.C. Decomposition method application to a large scale linear programming WIP projection model 60884
Jong Sool Jeong *see* Chong Hoon Kwak 82543
Jong Sun Ko, Jae Gyu Hwang, Myung Joong Youn Robust position control of BLDD motors using integral-proportional plus fuzzy logic controller 89836
Jong Sung Paik *see* Si Bum Kim 62989
Jong Tae Park *see* Dong Ryul Ryu 81900
Jong Tae Park *see* Kwang Sun Yang 71685
Jong tae Park *see* Kwang sun Yang 71686
Jong Tae Park *see* Mi Ran Kim 93391
Jong Tae Park *see* Woo Pyo Jeong 81864
Jong Tae Park *see* Woo Pyo Jeong 93390
Jong Tai Lee *see* Hyo-Hoon Park 71145
Jong Wan Park *see* Hwan Seong Moon 61965
Jong Wha Chong *see* Jae Heung Lee 92119
Jong Wha Chong *see* Ki Hyun Kim 70341
Jong Wha chong *see* Kyu Hyeon Kang 70421
Jong Wha Chong *see* Seung Ho Lee 70252
Jong Wha Chong *see* Young Ho Lee 70420
Jong Won Kim, Sang Uk Lee Variable block size motion estimation techniques for the motion sequence coding 74393
Jong Won Kim, Sang Uk Lee Hierarchical variable block size motion estimation technique for motion sequence coding 84753
Jong Woo Choi, Sung Il Yong, Seung Ki Sul Inverter output voltage synthesis using novel dead time compensation 68785
Jong Wook Lee *see* Lee Jong Wook
Jong Yoo Won *see* Won Jong Yoo
Jong-Chul Kim *see* Kwang-Sup Lee 54994
Jong-Chul Park *see* Jung Yon 71925
Jong-Gwan Yook, Dib, N.I., Ratehi, L.P.B. Characterization of high frequency interconnects using finite difference time domain and finite element methods 80743
Jong-Han Shin Novel axon hillock circuits for pulsed neural networks 80540
Jong-Hoon Lee, Devaney, M.J. Accurate measurement of line frequency in the presence of noise using time domain data 99790
Jong-Hwan Oh *see* Ho-Sung Cho 70005
Jong-Hyob Baek *see* Jae Heon Shin 76227
Jong-Il Park, Yagi, N., Enami, K., Aizawa, K., Hatori, M. Estimation of camera parameters from image sequence for model-based video coding 74493
Jong-In Song, Frei, M.R., Hayes, J.R., Bhat, R., Cox, H.M. Self-aligned InAlAs/InGaAs heterojunction bipolar transistor with a buried subcollector grown by selective epitaxy 49651
Jong-In Song, Hong, W.-P., Palmstrom, C.J., Van der Gaag, B.P., Kyung Bae Chough A f_T=175 GHz carbon-doped base InP/InGaAs HBT 92555
Jong-Jean Kim *see* Taek-Hyun Lee 82534
Jong-Jy Shyu, Soo-Chang Pei Lagrange multiplier approach to the design of two-dimensional FIR digital filters for sampling structure conversion 95406
Jong-Jy Shyu *see* Soo-Chang Pei 55337
Jong-Jy Shyu *see* Soo-Chang Pei 55348
Jong-Jy Shyu *see* Soo-Chang Pei 57561
Jong-Jy Shyu *see* Soo-Chang Pei 57562
Jong-Jy Shyu *see* Soo-Chang Pei 84367
Jong-Jy Shyu *see* Soo-Chang Pei 95407
Jong-Kee Yeo *see* Jung Ok Park 55779
Jong-Keun Park *see* Sang-Hee Kang 68302
Jong-Lam Lee, Haecheon Kim, Jae Kyoung Mun, Hae-Gwon Lee, Hyung-Moo Park 2.9 V operation GaAs power MESFET with 31.5-dBm output power and 64% power-added efficiency 81960
Jong-Lam Lee *see* Hyung-Ho Park 93184
Jong-Lam Lee *see* Seong-Joo Jang 69951
Jong-Liang Lin, Yates, J.T., Jr. Electron gun for producing a low energy, high current, and uniform flux electron beam 92863
Jong-Min Park, Dong-Chul Park X-band ferrite phase shifter in waveguide geometry 83877
Jong-Myong Kim *see* Hyo-Derk Park 52971
Jong-Sen Lee, Hoppel, K.W., Mango, S.A., Miller, A.R. Intensity and phase statistics of multilook polarimetric and interferometric SAR imagery 88862
Jong-Sen Lee, Miller, A.R., Hoppel, K.W. Statistics of phase difference and product magnitude of multi-look processed Gaussian signals 73970
Jong-Sen Lee *see* Yang, M.C.K. 74308
Jong-Son Lyu *see* Hyun-Kyu Yu 55985
Jong-Son Lyu *see* Won-Gu Kang 93465
Jong-Sun Ko *see* Jung-Hoon Lee 90048
Jong-Sup Kim *see* Kyu-Haeng Lee 73053
Jong-Tae Park *see* Park Jong-Tae
Jong-Woo Park *see* Do-Chan Choi 70532
Jong-Wook Jang, Jung-Tae Lee Design of multimedia transport protocol for the very high speed networks 96234
Jongbloets, H.W.H.M. *see* Aubert, G. 83533
Jongdae Park, Segon Choi, Heedon Seo, Nakamura, T. Fabrication of CMOS IC for telemetering biological signals from multiple subjects 67450
Jonge, W.De *see* De Jonge, W.
Jongen, Y., Abs, M., Capdevila, J.M., Defrise, D., Genin, F., Nguyen, A. The Rhodotron, a new high-energy, high-power, CW electron accelerator 59011
Jongepier, A.G., van der Sluis, L. Adaptive distance protection of a double-circuit line 78207
Jongh, L.J.de *see* de Jongh, L.J.
Jongh, M.de *see* de Jongh, M.
Jonghe, G.de *see* de Jonghe, G.
Jongmin Kim *see* Keffer, C.E. 88640
Jongmin-Kim *see* Kwang-Hyun Park 71835
Jongsuck Bae, Nozokido, T., Shirai, H., Kondo, H., Mizuno, K. High peak power and high repetition rate characteristics in a current-pulsed Q-switched CO_2 laser with a mechanical shutter 63661
Jongwoo Bae, Prasanna, V.R., Heonchul Park Synthesis of a class of data format converters with specified delays 80393
Jonker, B.T. Interfacial contributions to magnetic thin film anisotropy arising from epitaxial growth processes in metal/semiconductor structures 91515
Jonker, B.T. *see* Kim, Y.D. 92954
Jonker, M. *see* Bailey, R. 76434
Jono, A. *see* Aigo, T. 62869
Jonson, B. *see* Davidsson, P. 98546
Jonson, B. *see* Delsing, P. 53072
Jonson, E.S., Pedrow, P.D., Bai Lin Qin Influence of voltage and load current on dc bipolar corona pulses 53767
Jonson, M. *see* Hanke, U. 82370
Jonson, M. *see* Swahn, T. 71183
Jonsson, A. Markov's inequality and zeros of orthogonal polynomials on fractal sets 69820
Jonsson, A. On Markov's and Bernstein's inequalities in the unit ball in R^k 69826
Jonsson, B. *see* Bengtsson, T. 90090
Jonsson, B. *see* Hagberg, M. 55797
Jonsson, B. *see* Tan, N. 91959
Jonsson, E. *see* Brocklehurst, S. 79504
Jonsson, G., Hellborg, R. Low energy heavy ions registered by plastic films 88204

Jonsson, J., Ranby, B. Electroluminescence interpretation of the phenomenon 82134
Jonsson, J., Reinhardt, F., Ploska, K., Zorn, M., Richter, W., Zettler, J.T. Real time monitoring of PH_3 and AsH_3 induced exchange reactions on GaAs, InGaAs and InP during MOVPE 54897
Jonsson, P. *see* Rosling, M. 81197
Jonsson, T. *see* Gustavsson, A. 75616
Jonsson, U., Kleier, S. Personal communication: Network aspects and implementations 96552
Jonsson, U., Larsson, A., Sjodin, J.-O. Optimized reduction of the magnetic field near Swedish 400 KV lines by advanced control of shield wire currents. Test results and economic evaluation 68262
Jonusauskas, G., Gadonas, R., Rullire, C. "Fast" optical Kerr gate with "slow" nonlinearity 94621
Jonusauskas, G. *see* Berzanskis, A. 94584
Joo, E.K. *see* Lee, S.I. 83995
Joo, E.K. *see* Lee, S.I. 95146
Joo, H. *see* Lee, S. 77080
Joo, J., Epstein, A.J. Complex dielectric constant measurement of samples of various cross sections using a microwave impedance bridge 87442
Joo Eon Kyeong *see* Eon Kyeong Joo
Joo In Lee, Sam Kyu Noh Fabrication of quantum Hall standard resistance devices and their characteristics 75833
Joo Joon Yul *see* Joon Yul Joo
Joo Lee Chan *see* Chan Joo Lee
Joo Lim Hong *see* Hong Joo Lim
Joo Seung-Ki *see* Seung-Ki Joo
Joo Yeol Lee, Chan Joo Lee, Ui Seok Hong A novel design of voltage controlled dielectric resonator oscillator using 3-terminal MESFET varactor 70890
Joo Youn Chang *see* Chang Joo Youn
Joo-Hee Moon, Jae-Kyoon Kim On the accuracy and convergence of 2-D motion models using minimum MSE motion estimation 95791
Joo-hyun Park *see* Hak-yeong Chung 89466
Joohn Sheok Kim, Seung Ki Sul New stand-still position detection strategy for PMSM drive without rotational transducers 69073
Joohyun Jin *see* Moonho Kim 62686
Joon Cheol Kim, Joon Whoan Lee A classifier for textured images based on matrix feature 95877
Joon Cho Hyun *see* Hyun Joon Cho
Joon Eom Hyo *see* Hyo Joon Eom
Joon Hee Han *see* Myung Goo Kang 57824
Joon Kim Hyeong *see* Hyeong Joon Kim
joon Kim Sung *see* Sung joon Kim
Joon Seek Kim *see* Gi Hun Lee 64868
Joon Seek Kim *see* Min Seok Kang 74399
Joon Shin Hyun *see* Hyun Joon Shin
Joon Whoan Lee *see* Joon Cheol Kim 95877
Joon Youl Choi *see* Noh Sung Lee 79269
Joon Yul Joo, Moon Hyoung Lee, Ki Doo Kim, Hyeon Seog Hong, We Duke Cho Development of parameter extraction algorithm and software simulator for a digital music FM synthesis 95512
Joon-Yeop Kim, Noh-Hoon Myung Hybrid UTD-MM analysis of electromagnetic scattering by a perfectly conducting semi-elliptical cylinder 94775
Joong Gill Choi *see* Jin Soo Hwang 91459
Joong Kim Nak *see* Nak Joong Kim
Joong Kim Soo *see* Soo Joong Kim
Joong Kyu Kim Error intensity function models for ML estimation of signal parameter. I. Model derivation 74037
Joong Lee Pil *see* Pil Joong Lee
Joong Mok Park *see* Young Hun Yu 50618
Joong Sik Kih, Deog-Kyoon Jeong, Won Chan Kim An accurate fully differential sample-and-hold circuit 92435
Joong Yoon Uei *see* Uei Joong Yoon
Joong Youn Myung *see* Myung Joong Youn
Joong-Ho Ahn *see* Jae-Woong Ko 82333
Joong-Ho Song, Kwang-Bae Kim, Myung-Joong Youn Eigenvalue sensitivity of a speed-sensorless CSI-fed induction motor system 90521
Joong-Hyun Lee *see* Ho-Young Kang 49935
Joong-Rin Shin, Han-Suck Yim An extended approach for NR load flow with power loss correction method 99527
Joong-Rin Shin, Young-Moon Park Optimal long-term transmission planning by expert system approach 78029
Joongho Choi, Sheu, B.J., Chen, O.T.-C. A monolithic GaAs receiver for optical interconnect systems 50710
Joongho Choi, Sheu, B.J., Lee, B.W. A 16-bit Sigma-Delta A/D converter with high-performance operational amplifiers 70695
Joongho Choi *see* Bang, S.H. 75304
Joongsik Kih *see* Wonchan Kim 80317
Joonwoo Lee, Bumman Kim, Youngsik Kim, Sungsoo Park A comparative study of the Kirk effect in GaAs and Si bipolar junction transistors 55896
Joos, G., Espinoza, J. A high performance voltage-regulated CSI AC induction motor drive 69076
Joos, G., Espinoza, J. PWM control techniques in current source rectifiers 100321
Joos, G. *see* Campos, A. 78007
Joos, G. *see* Espinoza, J.R. 60349
Joos, G. *see* Insleay, A. 100295
Joos, G. *see* Insleay, A. 100356
Joos, G. *see* Jin, H. 64113
Joos, G. *see* Lin, Y. 49170
Joos, G. *see* Lopes, L.A.C. 99642
Joos, G. *see* Moschopoulos, G. 68849
Joos, G. *see* Pande, M. 60347
Joos, G. *see* Pande, M. 100323
Joos, G. *see* Salazar, L. 60301
Joos, G. *see* Wang, Y. 100274
Joos, G. *see* Zargari, N.R. 60355
Joos, G. *see* Zargari, N.R. 68716
Joos, G. *see* Zargari, N.R. 69075
Joos, G. *see* Zargari, N.R. 90161
Joos, G. *see* Zargari, N.R. 100286
Joos, G. *see* Zargari, N.R. 100319
Joos Geza *see* Geza Joos
Joos-Hiuk Son, Joungho Kim, Mourou, G.A. Photoconductive step-function sampling 66167
Joosse, K., Boguslavskij, Yu.M., Gerritsma, G.J., Rogalla, H., Wen, J.G., Sivakov, A.G. Electric-field effect devices made of $YBa_2Cu_3O_{7-x}/SrTiO_3$ epitaxial multilayers 50399
Joosten, G.J.P., Vugts, M.J.M., Spruijt, H.J., Senhorst, H.A.J., Beijerinck, H.C.W. Dynamics of ion-assisted etching in the $Si(100)/XeF_2/Ar^+$ system on a time scale 100 μs-1000 s 55773
Jopek, S. *see* Brown, K. 70993
Jopen, N. *see* Schwille, W.J. 76785
Jopson, R.M. *see* Gnauck, A.H. 58381
Jorand, D. *see* Cailemyn, J.M. 75153
Jorat, L., Siblini, A., Blanc-Mignon, M.F., Noyel, G. Dielectric anisotropy of the magnetic fluid cobalt ferrite in dibutylphthalate 63206
Jorat, L. *see* Vincent, D. 76153
Jorda, X. *see* Retif, J.M. 90575
Jordache, N. *see* Pandit, S.M. 95639
Jordan, A.J., Butrylo, B., Skorek, A. Introduction to global norms in thermal problems 91067
Jordan, D. *see* Mandeville, J.B. 76855
Jordan, F., Medina, M. Secure multicast communications using a key distribution center 83982
Jordan, G. *see* Rittner, K. 72670
Jordan, H.F., Lee, D., Lee, K.Y., Ramanan, S.V. Serial array time slot interchangers and optical implementations 82874
Jordan, H.F. *see* Daeshik Lee 96939
Jordan, H.F. *see* Feehrer, J.R. 92171
Jordan, H.F. *see* Guoping Liu 65794
Jordan, H.F. *see* Ramanan, A.V. 52132
Jordan, J. *see* Dede, E.J. 60337
Jordan, J.B. *see* Khurrum, M. 74230
Jordan, J.B. *see* Ranade, S.J. 78132
Jordan, J.R. Measurement and control with serial digital networks 85659
Jordan, M., O'Connor, J.A. Resonant fluorescent lamp converter provides efficient and compact solution 54107
Jordan, O.T. *see* Amistoso, A.E. 53862
Jordan, R. *see* Cerda, A. 78645
Jordan, R.H., Hall, D.G. Radiation from concentric-circle grating, surface-emitting planar waveguides: the volume current method 63434
Jordan, R.R. *see* Forman, G.A. 54515
Jordan, S., Khan, A. A performance bound on dynamic channel allocation in cellular systems: equal load 65658
Jordan, S., Varaiya, P.P. Control of multiple service, multiple resource communication networks 96495
Jordan, S.C. Leveraging desktop computing power in production test and process automation 97807
Jordan, T. *see* Brucker, G.J. 77768
Jordan, T.P., Morse, M.J. Routing algorithms in ATM networks 65083
Jordan, V. *see* Hochholzer, M. 94495
Jordanov, V., Knoll, G.F. Digital pulse processor using moving average technique 61777
Jordanov, V. *see* Martin, J.B. 88270
Jordanov, V.T., Knoll, G.F. Digital synthesis of pulse shapes in real time for high resolution radiation spectroscopy 59210
Jordanov, V.T., Knoll, G.F., Spieler, H., Huber, A.C., Pantazis, J.A. The DuAmp—an alternative input configuration for detector preamplifiers 98672
Jorden, A.R. *see* Kempson, V.C. 87892
Jorden, P. New detectors for new astronomy [CCD's] 88128
Jordery, S. *see* Hewak, D.W. 56726
Jordovic, B. *see* Milosevic, O. 48906
Jorg, K.-W. *see* Buchberger, M. 52650
Jorge Pearce, W. *see* Younger, F.C. 87743
Jorgens, V., Boehm, F., Busto, J., Farine, J., Gabathuler, K., Henrikson, H., Imel, D., Mitchell, L.W., Treichel, M., Vuilleumier, J.-C., Vuilleumier, J.-L., Wong, H. New limits on double beta decay of ^{136}Xe 59161
Jorgensen, B.F. *see* Xiupu Zhang 50943
Jorgensen, C. *see* Reisfeld, R. 90459
Jorgensen, D. *see* Keohan, C.F. 88773
Jorgensen, J., McBurnett, S. The National Center for Advanced Information Components Manufacturing: program update 66604
Jorgensen, J. *see* Legarth, J. 90946
Jorgensen, J. *see* Wenzel, H. 90909
Jorgensen, J.H. *see* Dall, J. 77678
Jorgensen, K.V., Grose, B.L., Crandall, F.A. Doppler sonar applied to precision underwater navigation 97454
Jorgensen, M. *see* Sommer-Larsen, P. 55496
Jorgensen, P. Choosing discrete orthogonal wavelets for signal analysis and approximation 84276
Jorgensen, T.M. *see* Gluckstad, J. 57644
Jorgenson, J.A., Wagner, R.J. Analyzing the design-for-test techniques in a multiple substrate MCM 48705
Jorgenson, R.C., Yee, S.S. Control of the dynamic range and sensitivity of a surface plasmon resonance based fiber optic sensor 66380
Jorgenson, R.E. *see* Epp, L.W. 73499
Jorgenson, R.E. *see* Morris, M.E. 53812
Jorgenson, R.E. *see* Morris, M.E. 67947
Jorke, H. Transport characteristics of a symmetrically extended bipolar transistor 93323
Jorng-Tzong Horng *see* Wen-Chih Huang 91323
Jorquera, C., Beichman, C., Bruce, C., Gautier, N., Jarrett, T. Integration and evaluation of a near infrared camera utilizing a HgCdTe NICMOS3 array for the Mt. Palomar 200-inch Observatory 66428
Jortner, J., Bixon, M. Electron transfer in supermolecules 55495
Josa, I. *see* Adam, A. 88087
Josa, I. *see* Adam, A. 88102
Josa, I. *see* Adriani, O. 88023
Jose, K.A., Varadan, V.K., Varadan, V.V. Elimination of background clutter in airports for instrument landing system 88710
Jose, K.A. *see* Sreemoolanadhan, H. 63044
Jose, K.A. *see* Varadan, V.K. 82159
Jose, K.A. *see* Varadan, V.K. 83822
Jose, O., Asano, M., Totsuka, K. New models in digital driver series for battery driven DC brushless motors 78912
Josefiak, K.A. *see* Kaercher, G.C. 89647
Josefowicz, J. *see* Macdonald, F. 49676
Joseph, C. *see* Chen, M. 67349
Joseph, E., Pavlidis, T. Bar code waveform recognition using peak locations 64782
Joseph, F. *see* Dominique, F. 96979
Joseph, J. *see* Degeneff, R.C. 78682
Joseph, J. *see* Hu, Y.Z. 55794
Joseph, J.R. *see* Wagner, R.S. 59107
Joseph, P., Elliott, S.J., Nelson, P.A. Statistical aspects of active control in harmonic enclosed sound fields 57449
Joseph, R.A. Converging telecommunications technologies: Challenges facing government and regulators in Australia and New Zealand 96321
Joseph, R.J. *see* Derieux, J.W. 78375
Joseph, R.M., Taflove, A. Spatial soliton deflection mechanism indicated by FD-TD Maxwell's equations modeling 94619
Joseph, R.M. *see* Reuter, C.E. 94909
Joseph Ya-Min Lee *see* Jiun-Tsuen Lai 81952
Josephson, K.E. *see* Gander, R.E. 87002
Joshi, A., Lee, C.-H. Using elastic nets for correspondence in range data 64839
Joshi, A. *see* Barlow, F. 62197
Joshi, A.B., Dim-Lee Kwong Hot carrier effects on analog performance of N- and P-MOSFET's with oxynitride gate dielectrics 81882
Joshi, A.B., Kwong, D.L. Effects of AC hot carrier stress on n- and p-MOSFET's with oxynitride gate dielectrics 55979
Joshi, A.B. *see* Yoon, G.W. 49833
Joshi, A.M. *see* Joubert, O. 81644
Joshi, A.M. *see* Linga, K.R. 66327
Joshi, A.R. *see* Varshney, P.K. 96122
Joshi, C. *see* Clayton, C.E. 76626
Joshi, C. *see* Davis, P. 76744
Joshi, C. *see* Hairapetian, G. 76749
Joshi, C. *see* Hartman, S.C. 66998
Joshi, C. *see* Ikumi, N. 92283
Joshi, C. *see* Pellegrini, C. 76425
Joshi, C.H. *see* Aized, D. 82323
Joshi, C.H. *see* Aized, D. 82464
Joshi, C.H. *see* Voccio, J.P. 82414
Joshi, G.A. *see* Pandit, S.M. 95639
Joshi, G.A. *see* Pandit, S.N. 95892
Joshi, J.C. *see* Garg, H.P. 60136
Joshi, J.S. *see* Gillick, M. 70925
Joshi, J.S. *see* Khemka, V. 83776
Joshi, K.K., Pollard, R.D., Postoyalko, V. Microstrip with dielectric overlay: variational analysis and validation 49614
Joshi, K.K., Pollard, R.D., Postoyalko, V. Effects of bulk and MOCVD thin film cover on the characteristics of microstrip resonators 80643
Joshi, L.M. *see* Kartikeyan, M.V. 55516
Joshi, L.M. *see* Sharma, A. 55517
Joshi, L.M. *see* Singh, V.V.P. 55380
Joshi, M., Lai, F. The journey of SMDS — a LAN interconnect solution 65369
Joshi, M., Nair, P., Sivaram, B.M., Raina, J.P. Ring resonator erbium doped fibre laser 72778
Joshi, M. *see* Sivaram, B.M. 72779
Joshi, N.V., Quintero, P., Martin, J.M. Time resolved study of laser induced crystal growth and phase transformation 61359
Joshi, R., Sanderson, A.C. Shape matching from grasp using a minimal representation size criterion 51689
Joshi, R., Sanderson, A.C. Model-based multisensor data fusion: a minimal representation approach 95608

Joshi, R.B., Samueli, H. A 100 MHz, 5MBaud QAM decision-feedback equalizer for digital television applications 97631
Joshi, R.P. Simulations for the transient response of graded $Al_xGa_{1-x}N$ submicron photodetectors 87202
Joshi, R.P., Dharamsi, N., McAdoo, J. Simulations for the high-speed response of GaN metal-semiconductor-metal photodetectors 75967
Joshi, R.V. *see* Dalal, H.M. 93258
Joshi, S. *see* Cong, B. 58182
Joshi, S.A. *see* Sapre, U.S. 60351
Joshi, S.D. *see* Parthasarathy, H. 57501
Joshi, S.G. Flow sensors based on surface acoustic waves 87150
Joshi, S.G. *see* Yu Jin 50170
Joshi, S.N. *see* Kumar, L. 71052
Joshi, S.N. *see* Srivastava, V. 55522
Joshi, S.P., Fang, C. Dynamic actuation by surface mounted piezoceramic patches [for damage detection] 82208
Joshi, S.P. *see* Shah, D.K. 93731
Joshi, S.P. *see* Shah, D.K. 93778
Joshi, S.S., Bayard, D.S. A new approach to structural failure detection based on adaptive lattice filtering 69630
Joshi, U. *see* Andresen, J. 88067
Joshi, Y., Kelleher, M.D., Powell, M., Torres, E.I. Natural convection heat transfer from an array of rectangular protrusions in an enclosure filled with dielectric liquid 69567
Joshi, Y. *see* Sridhar, S. 90991
Joshi, Y. *see* Wroblewski, D.E. 54495
Joshi, Y.K. *see* Mukutmoni, D. 90985
Joshi, Y.V., Deshpande, S.S., Kahalekar, S.G. Microprocessor based automatic power factor control 99521
Josse, D., Khodja, S., Badan, J., Samuel, I.D.W., Zyss, J. Low threshold and broad tunability of an organic optical parametric oscillator 73006
Josse, F. Acoustic wave liquid-phase-based microsensors 87151
Josse, F., Shana, Z.A., Zong, H. Quartz resonators as effective detectors for dilute conductive liquids 93790
Jossinet, J., Tourtel, C., Jarry, R. Active current electrodes for in vivo electrical impedance tomography 67557
Jossinet, J., Trillaud, C., Risacher, F., McAdams, E.T. A high frequency electrical impedance tomograph using distributed parallel input channels 67563
Jossinet, J. *see* Griffiths, H. 67571
Jossinet, J. *see* McAdams, E.T. 53437
Jossinet, J. *see* McAdams, E.T. 67432
Jost, E.M. *see* Jeannot, D. 61983
Jost, G. *see* Fiedler, U. 97230
Jost, G. *see* Muhle, C. 53156
Jost, W. *see* Padamsee, H. 67121
Jostingmeier, A., Omar, A.S. Analysis of the scattering by dielectric bodies using the SIE formulation 51191
Jostingmeier, A., Rieckmann, C., Omar, A.S. Rigorous and numerically efficient computation of the irrotational electric and magnetic eigenfunctions of complex gyrotron cavities 81150
Jostlein, H. *see* Goodwin, J.E. 76678
Jothilingam, R., Dhanasekaran, R., Ramasamy, P. Investigations on the nucleation parameters of InGaAs grown on InP during LPE 79866
Jothy, G. *see* Nandakumar, V.N. 68571
Jou, H.-L., Wu, J.-C., Chu, H.-Y. New single-phase active power filter 53672
Jou, H.L. *see* Lin, C.E. 98270
Jou, M.-J. *see* Lin, J.-F. 94291
Jou, M.J. *see* Chi, G.C. 82840
Jou, M.J. *see* Hsu, S.N. 92952
Jou, Y.F., Nilsson, A.A., Lai, F. A refined approximation of a finite capacity polling system under ATM bursty arrivals 51782
Jou Hurng-Liahng *see* Hurng-Liahng Jou
Jou Jer Min *see* Jer Min Jou
Jou Ming-Jiunn *see* Ming-Jiunn Jou
Jou Ming-Jiuun *see* Ming-Jiuun Jou
Jou Shyh-Jye *see* Shyh-Jye Jou
Jouan, J. *see* Pasternak, F. 77372
Jouan, R. *see* Lagage, P.-O. 66431
Jouan Kou *see* Kou Jouan
Jouanne, M. *see* Ares, R. 55717
Joubert, A. Radio trunking—instant communication 75281
Joubert, A., Anne, R., Bertrand, P., Bourgarel, M.P., Bieth, C., Bru, B., Chabert, A., Duval, M., Leroy, R., Ricaud, Ch., Sortais, P. SPIRaL: a radioactive ion beam facility at GANIL 76318
Joubert, J. A moment method analysis of a folded E-plane short in rectangular waveguide 73473
Joubert, J. *see* McNamara, D.A. 51255
Joubert, J. *see* Roberts, A.R. 57289
Joubert, J.C. *see* Claude, E. 50182
Joubert, J.C. *see* Deschanvres, J.L. 79908
Joubert, M.F. *see* Guy, S. 56715
Joubert, M.F. *see* Kaminskii, A.A. 94438
Joubert, O., Joshi, A.M., Weidman, T.W., Lee, J.T.C., Taylor, G.N. Plasma polymerized organosilane network polymers: high performance resists for positive and negative tone deep UV lithography 81644
Joubert, O., Oehrlein, G.S., Surendra, M. Fluorocarbon high density plasma. VI. Reactive ion etching lag model for contact hole silicon dioxide etching in an electron cyclotron resonance plasma 55776
Joubert, O., Oehrlein, G.S., Surendra, M., Zhang, Y. Reactive ion etching lag investigation of oxide etching in fluorocarbon electron cyclotron resonance plasmas 93223
Joubert, O., Oehrlein, G.S., Zhang, Y. Fluorocarbon high density plasma. V. Influence of aspect ratio on the etch rate of silicon dioxide in an electron cyclotron resonance plasma 55775
Joubert, O. *see* Pons, M. 49925
Joubert, O. *see* Pons, M. 55759
Joubert, P. *see* Guyader, P. 81541
Joubert, P. *see* Haji, L. 49770
Joubert, W.D., Carey, G.F. Embedded gradient iterative solution of a class of nonlinear PDEs on the Connection Machine 79722
Joughin, I.R., Winebrenner, D.P., Percival, D.B. Probability density functions for multilook polarimetric signatures 88729
Joulie, R. *see* Argaut, P. 99707
Joullie, A. *see* Baranov, A.N. 72892
Joun Yoo Hyung *see* Hyung Joun Yoo
Jounet, P. *see* Marc, F. 61689
Joungho Kim *see* Joos-Hiuk Son 66167
Jouny, I. Description of radar targets using the bispectrum 58461
Jouny, I. High resolution bispectral estimation of radar signals 75544
Jouny, I. Characterization and recognition of radar targets using multiscale edges 75596
Jouny, I. *see* Principato, M. 70642
Jouny, I.I., Moses, R.L. Bispectra of modulated stationary signals 83893
Jouppi, N.P., Boyle, P., Fitch, J.S. Designing, packaging, and testing a 300-MHz, 115 W ECL microprocessor 49450
Jourdain, D. *see* Palleau, J. 81107
Jourdain, G. *see* Loubet, G. 75520
Jourdain, M. *see* Elrharbi, S. 62327
Jourdain, M. *see* Elrharbi, S. 81371
Jourdain, M. *see* Meinertzhagen, A. 55665
Jourdain, P. *see* Sainz, C. 98332
Jourdan, A. *see* Clesca, B. 72785
Jourdan, A. *see* Gaumont-Goarin, E. 56787
Jourdan, G.-V. *see* Jard, C. 65076
Jourdan, S. *see* Chouly, A. 86057
Jourdan, W., Nather, H. Multistandard image sequence storage: ISP500 97637
Jourde, P. Stand-alone PV systems and their future 99985
Jourdin, P., Vintache, P., Heilbronn, B., Lagrange, V., Cartignies, E., Millot, P. Description of an on-line decision-aid tool for generation-load balance control 59768
Jourlin, M., Fillere, I., Becker, J.-M., Laboure, M.-J. Shapes and metrics [shape estimation] 95677
Journeaux, T.L. Development of cable systems with improved fire performance characteristics 49692
Journet, F. *see* Harari, J. 72610
Jouse, W.C., Williams, J.G. Associative stochastic automaton for reactor power ascent 99886
Jousselin, C. *see* Cocha, M. 82565
Jousten, K. *see* Rupschus, G. 98352
Jouve, G. *see* Jimenez, M. 55504
Jouvencel, B. *see* Patrouix, O. 97811
Jouvet, D., Laine, A., Monne, J., Gagnoulet, C. Speaker-independent spelling recognition over the telephone 73889
Jouvet, M. *see* Delhomme, G. 76882
Jovanovic, D. *see* Chang, H. 81963
Jovanovic, M.M., Tsang, D.M.C., Lee, F.C. Reduction of voltage stress in integrated high-quality rectifier-regulators by variable-frequency control 68809
Jovanovic, M.M. *see* Chen, Q. 54110
Jovanovic, M.M. *see* Donahue, J.A. 69198
Jovanovic, P. *see* Anderson, B.E. 88246
Jovanovic, P. *see* Brawn, I. 98678
Jovanovic, P. *see* Eisenhandler, E. 59183
Jovanovic, S., Fox, B., Hogg, B.W. Decoupled load flow for transient security studies 59690
Jovanovic, V.M. *see* Sousa, E.S. 97147
Jovanovic, Z. *see* Misic, J. 74965
Jovic, C. Target resolution capabilities of side scan sonars 97472
Jow, M.Y. *see* Frateschi, N.C. 83144
Jow, T.R. *see* Yen, S.P.S. 82127
Jow-Lay Huang, Kuo-Bin Li The effects of heat treatment on B_2O_3-contained ZnO varistor 80885
Jow-Tsong Shy *see* Che-Chung Chou 86910
Jow-Tsong Shy *see* Maki, A.G. 82930
Jow-Tsong Shy *see* Tyson Lin 50745
Jowett, J.M. *see* Bailey, R. 76535
Joy, G. *see* Zhigang Xiang 57671
Joy, G. *see* Zigang Xiang 64648
Joyce, B.A. *see* Fawcett, P.N. 91495
Joyce, B.A. *see* Ohtani, N. 61246
Joyce, B.A. *see* Ohtani, N. 70004
Joyce, B.A. *see* Sato, K. 70034
Joyce, B.A. *see* Sato, K. 70062
Joyce, B.A. *see* Zhang, J. 91492
Joyce, B.A. *see* Zhang, X. 79825
Joyce, D. *see* Ziock, H.J. 76767
Joyce, G., Krall, J., Esarey, E. Numerical simulations of driving beam dynamics in the plasma wakefield accelerator 76635
Joyce, G. *see* Sprangle, P. 63885
Joyce, J. *see* Zhu, Z. 55308
Joyce, R. *see* Yuh-Tay Liow 85600
Joyce, W.C. Chrome-level repair of phase-shift photomasks using conventional focused ion beam repair technology 62578
Joyce, W.C. *see* Ferranti, D.C. 81723
Joyez, P., Vion, D., Bouchiat, V., Esteve, D., Devoret, M.H. Parity-controlled charge modulation of the supercurrent in the single electron transistor 82376
Joyner, C.H. *see* Kim, I. 63466
Joyner, C.H. *see* Lee, J.S. 86369
Joyner, C.H. *see* Zirngibl, M. 52597
Joyner, C.H. *see* Zirngibl, M. 52598
Joyner, C.H. *see* Zirngibl, M. 58372
Joyner, C.H. *see* Zirngibl, M. 58373
Joyner, C.H. *see* Zirngibl, M. 86409
Joyner, C.H. *see* Zirngibl, M. 86475
Jozwiak, P. *see* Bharj, S. 80627
Jozwiak, P. *see* Bharj, S. 92587
Jozwik, A. Pattern recognition method based on k nearest neighbour rule 74283
Jozwikowski, K. *see* Rogalski, A. 58757
Jso-Sun Choi, Kwyro Lee Design of CMOS tapered buffer for minimum power-delay product 80279
Ju, J.J. *see* Kwon, T.Y. 73045
Ju, J.J. *see* Taeg Yong Kwon 73079
Ju, M.S. *see* Fan, Y.C. 76280
Ju, Q. *see* Bai, J.Z. 53324
Ju, Y.H. Multiple bistability in an optical-fiber double-ring resonator utilizing the Kerr effect 63936
Ju Chwen-Jye *see* Chwen-Jye Ju
Ju Lee Byoung *see* Byoung Ju Lee
Ju Lu Jing *see* Jing Ju Lu
Ju Park Seong *see* Seong Ju Park
Ju Park Young *see* Young Ju Park
Ju Rong-Huah *see* Rong-Huah Ju
Ju Sung Sun *see* Park Byoung Seob 65234
Ju Teh-Hua *see* Teh-Hua Ju
Ju Yulin, Li Yangxian The relationship of pattern distortion in epitaxial buried layer to orientation deviation in P-type ⟨100⟩ silicon 79811
Ju-Heon An, Seung-Uk Chae, Byung-Teak Lee, Eun-Suk Jeon, Hyung-Jong Lee Effects of quaternary composition on the propagation characteristics of the InGaAsP/InP rib optical waveguide 72356
Ju-Hong Lee *see* Charng-Kann Chen 55346
Ju-Hong Lee *see* Charng-Kann Chen 80436
Ju-Hong Lee *see* Charng-Kann Chen 80482
Ju-Hong Lee *see* Shiann-Jeng Yu 64520
Ju-Hong Lee *see* Shiann-Jeng Yu 74007
Ju-Jang Lee *see* Jung-Hoon Lee 90048
Ju-Wei Tai *see* Dong-Xue Wang 84722
Juan Hsiao-ping *see* Hsiao-ping Juan
Juan Li *see* Li Juan
Juan Liu *see* Liu Juan
Juan Shi, Herron, J.H., Kalam, A. Design and implementation of a fuzzy logic controller for power system stabilization 99549
Juan Shi, Herron, L.H., Kalam, A. Application of fuzzy logic controller for power system stabilization 99517
Juan Shih-Chou *see* Shih-Chou Juan
Juang, B.-H. *see* Chou, W. 64387
Juang, B.H. *see* Chou, W. 84114
Juang, C. *see* Chen, P.A. 72822
Juang, C. *see* Hsu, J.K. 71096
Juang, J.-N. *see* Chen, C.-W. 57517
Juang, J.-Y. *see* Chen, P.-F. 96257
Juang, M.H., Lin, C.T., Cheng, H.C. Shallow junctions formed by BF_2^+ implantation into thin CoSi films and rapid thermal annealing 81426
Juang, M.H. *see* Cheng, H.C. 81573
Juang, M.H. *see* Lin, C.T. 93117
Juang, Y.F. *see* Wang, S.-T. 82477
Juang, Y.F. *see* Wang, S.T. 83561
Juang, Y.F. *see* Wang, S.T. 88369
Juang Cheng *see* Cheng Juang
Juang Yau-Tarng *see* Yau-Tarng Juang
Juanhui Xie *see* Naday, I. 88311
Juanole, G., Atamna, Y., Berge, N., Farines, J.M. Modelling time critical communication networks with stochastic timed Petri nets 65099
Juanole, G., Atamna, Y., Carmo, R.L.R. On the stochastic timed Petri nets model and its application to the DQDB protocol 74698
Juanyu Bu, Sznaier, M., Bartarseh, I., Zi-Qin Wang Robust control design for a parallel resonant converter using μ-synthesis 100278
Juarez, M.A. *see* Natarajan, R. 90655
Jubber, M.G. *see* Davidson, J.L. 81505
Jubber, M.G. *see* John, P. 69928
Jubber, M.G. *see* John, P. 70091
Jubinski, P. *see* Bjorkheim, O. 99147
Jucheng Zhang *see* Brorson, S.D. 55659
Juda, M. *see* Stahle, C.K. 53334
Judah, S.R. *see* Alhargan, F.A. 80584
Judai, Y. *see* Sumi, T. 93798
Judd, B. *see* Yu, S. 67027
Judd, F.F. *see* Morgan, R.A. 87390
Judd, M.D. Evaluation of the circular metal plate as a UHF coupler for partial discharge monitoring 54133

Judge, J.P. *see* Speliotis, D.E. 50281
Judice, J.J., Faustino, A. The linear-quadratic bilevel programming problem 61126
Judkins, J. *see* Krejcik, P. 87900
Judkins, J.B. *see* Davidson, D.B. 50444
Judkins, J.G. *see* Schwarz, H.D. 67134
Judy, J.H. *see* Huang, M. 50370
Judy, J.H. *see* Kyusik Sin 63183
Judy, J.H. *see* Kyusik Sin 63200
Judy, J.H. *see* Takano, H. 50299
Judy, J.H. *see* Yeh, T.-A. 50310
Judy, M.W., Howe, R.T. Polysilicon hollow beam lateral resonators 58745
Jue, J. *see* Dai, W.W.-M. 54530
Jue-Hsuan Hsiao *see* Chun-Ta Chen 92417
Juen, S.A. *see* Rodrigues, R. 62180
Juergens, T., Ruderman, M.A., Brodd, R.J. A new high rate lead acid battery 68979
Juergensen, H. *see* Beccard, B. 54904
Juergensohn, T., Wolter, T.-M. Variable visual acuity for a driver model 98748
Jufer, M., Kudelski, M., Ludwig, J.-P. Asynchronous and PM synchronous motor with gap case modeling 89881
Jufer, M. *see* Li, J. 89911
Jufer, M. *see* Perriard, Y. 88556
Juffermans, C.A.H. *see* van Dort, M.J. 93121
Juffermans, C.A.H. *see* Woerlee, P.H. 62997
Juge, A. *see* Aggarwal, S. 50101
Juge, A. *see* Singh, R. 49656
Juhasz, L. *see* Ballay, L. 67647
Juhel, M. *see* Lamare, B. 81439
Juhl, P. A numerical investigation of standard condenser microphones 97726
Juhola, J. *see* Aho, O.A. 95812
Jui Chi Yao *see* Chau-Yun Hsu 61214
Jui-Cheng Yen *see* Bor-Min Wang 55293
Jui-Ching Shyur, Hung-Pin Chen, Tai-Ming Parng On testing wave pipelined circuits 91988
Jui-Hsiang Chen *see* Ye-In Chang 74745
Juillard, C. *see* Brandt, D. 87724
Juillard, J.C. *see* Boiteux, J.P. 76505
Juillot, P. *see* von Apeldoorn, G. 88116
Juin-Liang Chen *see* Yung-Chao Ting 51830
Jukkala, P. *see* Piironen, P. 86645
Julian, A.L., Wallace, R.S., Sood, P.K. Multi-speed control of single-phase induction motors for blower applications 54019
Julian, C.De *see* De Julian, C.
Julian, F. *see* Taylor, B. 67177
Julie, J.-J., Mancuso, Y., Renault, F., Colin, J.-M. Technology of microwave and digital circuits for airborne radars 52644
Julie, L. A high-speed TVC system for full-range AC traceability 86899
Julien, C. *see* Breton, M. 86880
Julien, F.H. *see* Emery, J.-Y. 56414
Julien, L. *see* Machefert-Tassin, Y. 60553
Julien, L. *see* Millerioux, Y. 86877
Julien, L. *see* Nez, F. 86973
Julien, L. *see* Touahri, D. 86883
Julius, H.W., Bermann, F. Dose record keeping: a multipurpose tool in individual monitoring 88603
Julius, H.W., Marshall, T.O., Christensen, P., van Dijk, J.W.E. Type testing of personal dosemeters for photon energy and angular response 88597
Julka, A. *see* Das, R.K. 89484
Julka, A. *see* Das, R.K. 99882
Julka, A.K., Aiken, T.P. Antimotoring relay (32) susceptibility to VARS 99881
Julka, A.K. *see* Das, R.K. 68285
Julka, V. *see* Cassandras, C.G. 69676
Jullien, A. *see* Wagner, D. 90591
Jullien, D. *see* Malissard, M. 67601
Jullien, G.A. *see* Czilli, J.C. 61633
Jullien, G.A. *see* Xiangui Yu 98098
Jullien, G.A. *see* Zhongde Wang 74144
Jum-Chang Chao *see* Ming-Jer Chen 55986
Jumarhon, B., McKee, S., Tang, T. The proof of an inequality arising in a reaction-diffusion study in a small cell 69878
Jumonji, M. *see* Itoh, K. 58258
Jumper, E.J. *see* Miller, J.A. 63631
Jumu Zhu *see* Dingquan Xiao 56099
Jun, A. *see* Cao, M. 75517
Jun, B., Gotoh, K., Kitamura, H., Koh, H. Influence of phytoplankton pigments and bottom features for water quality and depth estimation 77423
Jun, J. *see* Grzegory, I. 79771
Jun, J. *see* Porowski, S. 79769
Jun, J.S. *see* Teague, E.C. 55837
Jun, X. *see* Cao, M. 75517
Jun Ai *see* Ai Jun
Jun Byung Hwan *see* Byung Hwan Jun
Jun Cai Structures of systems with exponential life and HNBUE components 61017
Jun Cai Reliability of a large consecutive-k-out-of-r-from-n:F system with unequal component-reliability 61019
Jun Chen, Hirayama, T., Ishizuka, K., Tonomura, A. Spherical aberration correction using a liquid-crystal spatial-light modulator in off-axis electron holography 94675
Jun Chen *see* Xuefeng Yue 56870
Jun Cheng *see* Cheng Jun
Jun Chi-Hyuck *see* Chi-Hyuck Jun
Jun Choi In *see* In Jun Choi
Jun Dong *see* Dong Jun
Jun Dong Cho, Kuo-Feng Liao, Raje, S., Sarrafzadeh, M. M^{2}R: multilayer routing algorithm for high-performance MCMs 48703
Jun Dong-Soo *see* Dong-Soo Jun
Jun Ha Lee *see* Hwa Sik Park 71310
Jun Hong Young *see* Young Jun Hong
Jun Hong-Shin *see* Hong-Shin Jun
Jun Hu, Dong-qi Zhu, Jing-de Gao Shaft-sensorless permanent magnet synchronous motor drive with an extended Kalman filter 90552
Jun Hu, Dongqi Zhu, Yongdong Li, Jingde Gao Application of sliding observer to sensorless permanent magnet synchronous motor drive system 100846
Jun Hu *see* Xiaowei Yao 71883
Jun Jae Lee, Jae Chang Shim, Yeong Ho Ha Stereo correspondence using the Hopfield neural network of a new energy function 95888
Jun Jae Lee *see* Jae Chang Shim 64871
Jun Jae Lee *see* Kyeong Hoon Do 74397
Jun Ji An alternative limit expression of Drazin inverse and its application 54762
Jun Jung Mok *see* Jung Mok Jun
Jun Jung Sig *see* Jung Sig Jun
Jun Kim Han *see* Han Jun Kim
Jun Kyung Pyo *see* Park Byoung Seob 65234
Jun Lee Sang *see* Sang Jun Lee
Jun Li *see* Ning Hua Zhu 50512
Jun Li Ming *see* Ming Jun Li
Jun Liang *see* Liang Jun
Jun Ling *see* Ling Jun
Jun Liu, Stewart, C. Detection of linear features in images using radon and Hough transforms 74232
Jun Liu, Vohra, Y.K. Sm:YAG optical pressure sensor to 180 GPa: calibration and structural disorder 66309
Jun Liu, Vohra, Y.K. Calibration and fluorescence intensities of Sm:doped YAG to ultra high pressures 87594
Jun Liu *see* Chong, M.M.S. 51553
Jun Liu *see* Liu Jun
Jun Lu *see* Lu Jun
Jun Luo *see* Luo Jun
Jun Oh Sung *see* Sung Jun Oh
Jun Pei *see* Degertekin, F.L. 91660
Jun Pei *see* Yong Jin Lee 93096
Jun Peng *see* Beiping Yan 61382
Jun Qin *see* Qin Jun
Jun Rhee Do *see* Do Jun Rhee
Jun Shen *see* Bingcheng Li 57872
Jun Shen *see* Lindquist, C.S. 84384
Jun Wang On the Jacobi sums for finite commutative rings with identity 79573
Jun Wang Analogue winner-take-all neural networks for determining maximum and minimum signals 92454
Jun Wang, Hua Li Solving simultaneous linear equations using recurrent neural networks 61163
Jun Wang, Javidi, B. Multiobject detection using the binary joint transform correlator with different types of thresholding methods 74321
Jun Wang, Yongacoglu, A. Performance of trellis coded-8PSK with cochannel interference 51296
Jun Wang, Yongacoglu, A. Direct sequence CDMA employing combined modulation schemes 86058
Jun Wang *see* Ce Zhu 73773
Jun Wang *see* Chrys Mendis, F.V. 86338
Jun Wang *see* Javidi, B. 51671
Jun Wang *see* Javidi, B. 72550
Jun Wang *see* Javidi, B. 94232
Jun Wang *see* Zhan-Ming Li 63783
Jun Wang *see* Zhenya He 95229
Jun Wei, McCarty, J. Acoustic emission evaluation of composite wind turbine blades during fatigue testing 60142
Jun Wu *see* Wu Jun
Jun Xi *see* Xi Jun
Jun Xia *see* Xia Jun
Jun Xiang Ge Computation of external circuit impedance of active devices in a millimeter wave harmonic power combiner 61880
Jun Xu *see* Xu Jun
Jun Yan *see* Yan Jun
Jun Yang, Chongxi Feng, Kun Tang, Ling Nu An all-digital code conversion technique between 32 kbps CVSD and 64 kbps PCM 95140
Jun Yang *see* Lie Xu 98340
Jun Yang *see* Yang Jun
Jun Ye *see* Lie Xu 98340
Jun Yin, Zhaoda Zhu Power spectrum estimation via neural-type structured network 74058
Jun Yoda *see* Sugiyama, K. 86904
Jun Yong Chung *see* Kwang Kee Lee 64869
Jun Yu, Yevick, D., Weidman, D. A comparison of beam propagation and coupled-mode methods: application to optical fiber couplers 63420
Jun Yu *see* Yu Jun
Jun Zang Er *see* Er Jun Zang
Jun Zhang, Modestino, J.W., Langan, D.A. Maximum-likelihood parameter estimation for unsupervised stochastic model-based image segmentation 74329
Jun Zhang, Waiter, G. A wavelet-based KL-like expansion for wide-sense stationary random processes 74078
Jun Zhang *see* Minan Li 91773
Jun Zhang *see* Zhang Jun
Jun Zhang Tie *see* Zhang Tie Jun
Jun Zhou, Da-Gang Fang Effect of EM beam angle-width on cross polarized backscattering from slightly rough dielectric surfaces 77663
Jun-Dar Hwang *see* Ching-Ru Liu 55606
Jun-Dar Hwang *see* Kuin-Hui Chen 93320
Jun-Fa Mao, Zheng-Fan Li Waveform relaxation solution of the ABCD matrices of nonuniform transmission lines for transient analysis 94893
Jun-Hua Liu *see* Chang-Chun Zhu 56496
Jun-Ichi Kudoh, Chakravorty, G., Nemoto, Y., Shiratori, N., Kawamura, H., Obata, S., Noguchi, S. Multidimensional analysis method for NOAA AVHRR images 77725
Jun-Ichi Matsuda Measurements of leakage currents and the capacitance of the storage capacitor in a single DRAM cell 49430
Jun-ichi Nakagami *see* Yoshida, Y. 79625
Jun-ichi Nakata, Nakajima, S., Imao, S., Inuishi, Y. High-field electron transport and hot electron phenomena in hydrogenated amorphous silicon films 92969
Jun-Ichi Shiozawa, Kasai, Y., Yuu-Ichi Mikata, Yamabe, K. The formation of boron-doped polycrystalline Si with extremely low resistivities at low temperatures 54939
Jun-ichi Takada, Takahashi, M., Ando, M., Goto, N. A scattering matrix of a slot set for the aperture illumination design of radial line slot antennas 83860
Jun-Keun Ji, Dong-Choon Lee, Seung-Ki Sul LQG based speed controller for torsional vibration suppression in 2-mass motor drive system 100857
Jun-Keun Ji, Seung-Ki Sul DSP-based self-tuning IP speed controller for rolling mill DC drive 100964
Jun-Keun Ji *see* Dong-Choon Lee 90580
Jun-Mo Kim *see* Myung-Seon Kim 62589
Jun-O Kim *see* Chang Seep Koh 68643
Jun-si Zhou *see* Qing-tai Zhao 55716
Jun-si Zhou *see* Tian-bing Xu 55715
Jun-Woo Kang *see* Kiyoung Choi 93605
Jun-Wu Tao, Angenieux, G., Flechet, B. Full-wave description of propagation and losses in quasi-planar transmission lines by quasi-analytical solution 83748
Junbi Chen *see* Chen Junbi
Juncar, P., Elandaloussi, H., Himbert, M., Pinard, J., Razet, K. A new optical wavelength ratio measurement apparatus: the fringe counting sigmameter 83242
Juncar, P. *see* Belaidi, H. 87419
Juncar, P. *see* Guellati, S. 83237
Juncheng Cao *see* Cao Juncheng
Junck, K. *see* Zhou, P. 87879
Jundi, K., El-Ali, T., Eloe, P., Scarpino, F. Introduction to neural networks and adaptive filtering: three illustrative examples 57520
Junding Wen *see* Wen Junding
Jundt, D.H. *see* Pliska, T. 50570
June Park Young *see* Young June Park
June-Koo Rhee, Sosnowski, T.S., Norris, T.B., Arns, J.A., Colburn, W.S. Chirped-pulse amplification of 85-fs pulses at 250 kHz with third-order dispersion compensation by use of holographic transmission gratings 94667
June-Kyung Rho, Somenzi, F. Don't care sequences and the optimization of interacting finite state machines 61670
Juneja, S. *see* Cheng-Shang Chang 74666
Junfa Mao *see* Mao Junfa
Junfan Zhu *see* Zhu Junfan
Junfang Ma *see* Ma Junfang
Junfu Ma, Yanbin Zhu Study on a laser-fiber sensor for measuring relative shift 76059
Jung, C., Raghavan, S., Mathur, M.C.A. Magnetic probing of dispersion quality of cobalt modified iron oxide particle inks 50247
Jung, C., Yee, S., Kuhn, K. Integrated optics waveguide modulator based on surface plasmon resonance 94198
Jung, C. *see* Fiedler, U. 72970
Jung, C.M., Park, H.C., Ahn, K.S., Lee, J.H., Kweon, K.H., Choi, J.Y., Ejaz Haq, Lim, H.K. Look-ahead input buffer and dynamic load sensing scheme for 3.3 V ultrafast BiCMOS SRAMs 70565
Jung, H. *see* Hong, S. 82252
Jung, J.-D. *see* Han, G.-J. 96385
Jung, J.-I. *see* Dromard, D. 85891
Jung, J.K. *see* Hwang, Y.S. 62550
Jung, J.W. *see* Park, J.T. 74688
Jung, K. *see* Gerber, J. 70094
Jung, K. *see* Loe, R.S. 57600
Jung, K. *see* Sarathy, J. 63467
Jung, P. Laurent's representation of binary digital continuous phase modulated signals with modulation index 1/2 revisited 51346
Jung, P. Novel M-detector for coherent receiver antenna diversity in GSM type mobile radio systems 52393
Jung, P. Taos: a low cost satellite 65720
Jung, P. Diffusion of implanted helium in Si and SiO_2 71297
Jung, P., Ruprecht, J. Importance sampling technique for multi-user CDMA-like systems in discrete-time multipath fading environments 75276

Jung, P., Steiner, B., Yoguang Ma Maximum-likelihood detector for coherent receiver antenna diversity 58333
Jung, P. *see* Hallfahrt, G. 89424
Jung, P. *see* Steiner, B. 65685
Jung, P. *see* Zerbe, C. 61592
Jung, R., Perret, R., Valbuena, R. Design of a new generation of collimators for LEP 200 76463
Jung, R. *see* Burtin, G. 76611
Jung, R. *see* Camas, J. 76612
Jung, R. *see* Camas, J. 76613
Jung, R. *see* Kaiser, N. 52513
Jung, R.R., Cecelja, F.V., Balachandran, W., Berwick, M., Cvetkovic, S.R. ZnSe magneto optic sensor for measurements of 50 Hz to 100 Hz magnetic fields 87124
Jung, T.G., Chang, C.Y., Liu, C.S., Chang, T.C., Lin, H.C., Tsai, W.C., Huang, G.W., Chen, L.P. Characterization of the Si/SiGe heterojunction diode grown by ultrahigh vacuum chemical vapor deposition 93313
Jung, T.G. *see* Lin, H.C. 79964
Jung, T.S., Guckel, H., Seefeldt, J., Ott, G., Ahn, Y.C. A fully integrated, monolithic, cryogenic charge sensitive preamplifier using N-channel JFETs and polysilicon resistors 80145
Jung, T.S. *see* Guckel, H. 60262
Jung, T.S. *see* Guckel, H. 93672
Jung, W. The development of analogue processors 70314
Jung, W., Wong, J. Improving performance of single supply analogue circuits 91898
Jung, W.Y. *see* Chung, H. 52142
Jung, Y.-C., Cho, G.-H. Quasi-parallel resonant DC link inverter with improved PWM capability 100352
Jung Bongjin *see* Bongjin Jung
Jung Choi Sun *see* Sun Jung Choi
Jung Gi Hyun *see* Gi Hyun Jung
Jung Gihyun, Chung Hwaja, Yim Kangbin Method for solving switching equations based on tabular algebra 91174
Jung Gyu Kim A study on the implementation of the management system for Mini-MAP network 74850
Jung Hak-Kee *see* Hak-Kee Jung
Jung Ho Ko *see* Gun Woo Moon 100828
Jung Ho Youl *see* Ho Youl Jung
Jung Hun Kim *see* Sok Won Kim 76242
Jung Hwang Ho *see* Ho Jung Hwang
Jung Hyun Meen *see* Hyun Meen Jung
Jung Hyun Tae *see* Hyun Tae Jung
Jung Hyun-Kyo *see* Hyun-Kyo Jung
Jung Jae Kap *see* Jae Kap Jung
Jung Jae-il *see* Jae-il Jung
Jung Jae-Woong *see* Park Jong-Tae 96700
Jung Jang Kwon, Seong Dae Kim An adaptive classifier for 3-D planar object recognition based on uncertainty of features by binocular stereo method 74392
Jung Kang Woo *see* Woo Jung Kang
Jung Kee Yoon *see* Jeong Hyun Kim 55944
Jung Mok Jun *see* Kyu Chang Park 91592
Jung Ok Park, Jae Gue Lee, Young Jun Hong, Jong-Kee Yeo Dielectric planarization with spin-on glass films: characterization and application 55779
Jung Sang-Don *see* Sang-Don Jung
Jung Sang-Jin *see* Sang-Jin Jung
Jung Sanghun *see* Sanghun Jung
Jung Se Min *see* Se Min Jung
Jung Shih-Liang *see* Shih-Liang Jung
Jung Sig Jun *see* Young Yearl Han 75274
Jung Soh, Byoung Tae Chun, Min Wang An edge-based approach to moving object location 64657
Jung Sub Hwang, Sang Seul Lee Analysis of the shielded coplanar waveguide by using the variational method 73458
Jung Sub Hwang, Sang Seul Lee Analysis of the coplanar waveguide shielded by rectangular waveguide 83751
Jung Sung Tae *see* Sung Tae Jung
Jung Sung-Hwan *see* Sung-Hwan Jung
Jung Tae-Soo *see* Tae-Soo Jung
Jung Tz-Gwei *see* Tz-Gwei Jung
Jung Tze-Guei *see* Tze-Guei Jung
Jung Wei Sen *see* Sen Jung Wei
Jung Whan Lee *see* Je Suk Lee 77002
Jung Won-Gi *see* Won-Gi Jung
Jung Woo Park, Gil Yong Chung, Byung Tae Ahn, Ho Bin Im, Jin Soo Song Effect of hydrogen in the selenizing atmosphere on the properties of $CuInSe_2$ thin films 62225
Jung Yon, Won-Gi Jung, Sang-Un Choi, Tong-Gun Lim, Seh-Kwang Lee, Jong-Chul Park, Seung-Hee Han, Soon-Gwang Kim A study on oxidation effect during sputtering process of magneto-optic material TbFe thin films 71925
Jung Youn Chan *see* Youn Chan Jung
Jung-Chao Chiou, Yin-Jang Chen, Mao-Chieh Chen Copper chemical vapor deposition from Cu(hexafluoroacetylacetonate)trimethylvinylsilane 48974
Jung-Chi Chiang *see* Wang, Y.H. 87183
Jung-Chien Li *see* Guan-Chyun Hsieh 90150
Jung-Chien Li *see* Guan-Chyun Hsieh 100333
Jung-Chih Chiao *see* Bae, J. 80628
Jung-Fu Cheng, Ching-Hua Chuang, Lin-Shan Lee Complexity-reduced multilevel coding with rate-compatible punctured convolutional codes 95100
Jung-Hee Lee *see* Jin-Hee Lee 72845
Jung-Ho Park *see* Kyu-Haeng Lee 73053
Jung-Hoon Lee, Jong-Sun Ko, Se-Kyo Chung, Dae-Sik Lee, Ju-Jang Lee, Myung-Joong Youn Continuous variable structure controller for BLDDSM position control with prescribed tracking performance 90048
Jung-Hsien Chiang *see* Keller, J.M. 84912
Jung-Hua Chou *see* Jing Lee 61468
Jung-Hwa Lee *see* Seung-Moon Yoo 70533
Jung-Hyung Kim *see* Sun-Kyu Song 70140
Jung-Il Jin *see* Kwang-Sup Lee 54994
Jung-Jae Chao *see* Jen-Der Lin 74528
Jung-Jae Chao *see* Wen-Der Chen 74128
Jung-Keun Lee *see* Kato, T. 52898
Jung-Tae Lee *see* Jong-Wook Jang 96234
Jung-Woong Ra *see* Dong-Kook Park 58488
Jung-Woung Goo *see* Hye-Keun Oh 71479
Jung-Yeal Lee, Chul-Hi Han, Choong-Ki Kim High performance low temperature polysilicon thin film transistor using ECR plasma thermal oxide as gate insulator 81860
Jung-Young Son *see* Yim-Kul Lee 50955
Jungang Xu *see* Xu Jungang
Jungblut, H. *see* Rappich, J. 71372
Jungemann, C. *see* Abramo, A. 81195
Jungen, M., Weberhofer, D., Danuser, A., Rao, S., Bleszynski, R. Service adaptations for interoperable broadband networking 65378
Junger, H. *see* Hoeg, W. 97576
Jungert, E. Qualitative spatial reasoning from the observer's point of view—towards a generalization of symbolic projection 57874
Jungfu Tsao *see* Haojin Wang 77576
Junghsi Lee, Mathews, V.J. A stability condition for certain bilinear systems 74095
Junghsi Lee *see* Mathews, V.J. 95527
Junghwan Kim *see* Keaton, M. 86278
Junginger, B. *see* Wedding, B. 97338
Junglas, K.-J., Puppe, F. Generic knowledge base improving the acquisition of declarative knowledge 77932
Jungling, K. *see* Fleddermann, C.B. 54397
Jungling, K.C. *see* Kim, J. 52984
Jungling, S., Chen, J.C. A study and optimization of eigenmode calculations using the imaginary-distance beam-propagation method 82654
Jungling, S. *see* Chen, J.C. 50513
Jungman, D. *see* Marques, D. 66743
Jungmann, K. *see* Meyberg, M. 76396
Jungner, P., Swartz, S., Eickhoff, M., Ye, J., Hall, J.L., Waltman, S. Measurement of the absolute frequency of molecular iodine transitions near 532 nm 86872
Jungnickel, B.J. *see* Schaffner, F. 82157
Jungnickel, D., Pott, A. A new class of symmetric (v, k, λ)-designs 79518
Jungroth, O. *see* Baker, A. 92225
Jungst, H. *see* Schwille, W.J. 76785
Jungwoo Lee, Dickinson, B.W. Temporally adaptive motion interpolation exploiting temporal masking in visual perception 84765
Jungwook Yang *see* Ook Kim 70700
Junhao Chu *see* Chu Junhao
Junhong Liu *see* Liu Junhong
Junhui Li, Dasgupta, A. Failure mechanism models for material aging due to interdiffusion 60956
Junior, I.S.Queiroz *see* Queiroz Junior, I.S.
Junior, N.O. *see* Rezek, A.J.J. 100121
Junius, M. 'Intelligent' radio resource management; pattern recognition with GSM radio measurement data and application 75230
Junjia He *see* He Junjia
Junjia Liu *see* Liu Junjia
Junk, T. *see* Shapiro, G. 76455
Junker, G.P., Kishk, A.A., Glisson, A.W. Input impedance of dielectric resonator antennas excited by a coaxial probe 73491
Junker, M. *see* Greife, U. 98550
Junker, W.R. *see* Shanon, R.E. 53874
Junkmann, V. *see* Theus, G. 65471
Junlan Zhang *see* Zhang Junlan
Junli Shi, Chong Chen Transmitting additional programs in the broadcasting & TV frequency-modulated radiolink system 86677
Junliang Chen *see* Tong Su 74695
Junliang Chen *see* Chen Junliang
Junlin Qui *see* Qui Junlin
Junmei Fu *see* Bin Song 57043
Junning Chen *see* Chen Junning
Junping Wang *see* Wang Junping
Junqua, J.-C., Mak, B., Reaves, B. A robust algorithm for word boundary detection in the presence of noise 64365
Junqua, J.-C. *see* Anglade, Y. 84029
Junquera, E., Aicart, E. A fully computerized technique to measure conductivity in liquid mixtures 87431
Junquera, T. *see* Fouaidy, M. 63332
Junren Jiang *see* Jiang Junren
Junrong Zhang *see* Zhang Junrong
Junseok Lim, Meehye Lee, Rhee, J.M. Server processing rate optimization in a military message handling system 67948
Junwei Lu, Kagawa, Y., Thiel, D.V. Numerical solutions of wave propagation in dispersive and lossy transmission lines 73406
Junxiang Ge *see* Ge Junxiang
Junxiang He *see* He Junxiang
Junyan Ren *see* Ren Junyan
Junyin Lin *see* Lin Junyin
Junyong Liu *see* Liu Junyong
Junyou Yang *see* Yang Junyou
Junyu Bu *see* Zi-Qin Wang 100345
Juping Shu *see* Qiying Chen 63351
Juping Shu *see* Shu Juping
Juptner, W. *see* Bischof, T. 76195
Juptner, W. *see* Osten, W. 75852
Juptner, W.P.O. *see* Schnars, U. 73137
Jurado, A. *see* Estrella, A.D. 51749
Juras, R.C. *see* Jones, C.M. 76294
Juraschek, S. *see* Goubeau, A. 78986
Juravel, Y., Kepten, A., Fraenkel, A., Weiss, E., Marcus, A., Amir, N., Hanin, Y. The effect of sub-grain boundaries on the producibility of detector arrays fabricated on THM materials 94274
Jurbergs, D., Rung-Kuang Lo, Jianai Zhao, McDevitt, J.T. Dye-coated superconductor structures as optical sensors 66292
Jurcacko, L. *see* Valent, F. 90291
Jurcisin, J., Jr. *see* Mashikian, M.S. 68244
Jurdyc, A.M., Jacquier, B., Gacon, J.C., Bayon, J.F., Delevaque, E. Fluorescence line narrowing in erbium-doped silica fibers 50670
Juren Ding *see* Jian-Gang Zhu 82271
Juren Ding *see* Kyusik Sin 63183
Jurgens, R., Ludtke, U., Schulze, D. Three-dimensional calculation of the distribution of eddy currents and the heating effect on slit tubes when welding longitudinal seams 90693
Jurgens, T. *see* Foley, M. 67222
Jurgiel, S. *see* Mourant, J.-M. 92534
Jurich, M. *see* Thackara, J.I. 56428
Jurichich, S., Tsu-Jae King, Saraswat, K., Mehlhaff, J. Low thermal budget polycrystalline silicon-germanium thin-film transistors fabricated by rapid thermal annealing 81878
Jurkus, A. International comparison GT-RF 75-B3: reflection coefficient at 300, 600 and 1000 MHz in 75 ohm coaxial line 87464
Jurneke, J. *see* Dee, R.H. 50363
Jurusik, J. *see* Nowak, J. 82251
Jurvillier, I., Thom, C. A large format digital camera for aerial surveys at the Institut Geographique National (France) 77269
Jury, E.I. *see* Xiheng Hu 80437
Jusheng Ji *see* Myung-Hun Choi 57936
Jusheng Ma *see* Ma Jusheng
Jusko, O., Zhao, X., Wolff, H., Wilkening, G. Design and three dimensional calibration of a measuring scanning tunneling microscope for metrological applications 87541
Just, D., Bamler, R. Phase statistics of interferograms with applications to synthetic aperture radar 75583
Just, D. *see* Bamler, R. 67797
Just, D. *see* Bamler, R. 77283
Justice, A.J. *see* Gulbransen, D.J. 66490
Justus, B.L., Campillo, A.J., Huston, A.L. Thermal-defocusing/scattering optical limiter 56880
Jutamulia, S., Asakura, T. Rotation-invariant joint transform correlator 84730
Jutamulia, S., Asakura, T., Bahuguna, R.D., De Guzman, P.C. Autofocusing based on power-spectra analysis 84899
Jutand, F. *see* Lafage, A. 70598
Juttner, W., Landrath, J., Nahmer, S. Permanent magnet-excited synchronous motors for traction drives, with special reference to electric motor vehicles 100892
Jutty, M.K., Kazimierczuk, M.K. Efficiency of the transformer Cuk PWM converter 55121
Jutzi, W. *see* Dolata, R. 93924
Juul, N.C. *see* Fleisch, B.D. 96766
Juvells, I., Vallmitjana, S., Carnicer, A. A comparative study of the effect of noise and background clutter on optical image recognition methods 95726
Juvells, I. *see* Carnicer, A. 57666
Juvells, I. *see* Montes-Usategui, M. 57664
Juvonen, R. Standardisation of interworking between frame relaying and broadband-ISDN 58229
Jwu E Chen *see* Mneg Chiy Lin 49089
Jwu E Chen *see* Wen Ching Wu 49338
Jya-Syin Wu *see* Davoudian, K. 89446
Jya-Syin Wu *see* Davoudian, K. 89447
Jyan-Min Fang *see* Fisher, A.S. 76360
Jye-Chyi Lu, Unal, C. Process characterization and optimization based on censored data from highly fractionated experiments 60925
Jyegal, J., DeMassa, T.A. Correct and rigorous single-electron-gas hydrodynamic transport model for multi-valley semiconductors 62135
Jyegal, J., DeMassa, T.A. Importance of heat flux for stable operation of submicron gallium arsenide field-effect transistors 81982
Jyh Sheen *see* Shaoping Li 76155
Jyh Wu Horng *see* Horng Jyh Wu
Jyh-Charn Liu *see* Ying Hao 65507
Jyh-Chyurn Guo, Chih-Yua Lu, Hsu, C.C.-H., Pole-Shan Lin, Chung, S.S.-S. Performance and reliability evaluation of high dielectric LDD

spacer on deep sub-micrometer LDD MOSFET 71660
Jyh-Chyurn Guo, Chung, S.S.-S., Hsu, C.C.-H. A new approach to determine the effective channel length and the drain-and-source series resistance of miniaturized MOSFET's 93370
Jyh-Feng Lin, Meng-Chyi Wu, Ming-Jiuun Jou, Chuan-Ming Chang, Biing-Jye Lee Effects of substrate misorientation and Zn doping characteristics on the performance of AlGaInP visible light-emitting diodes 72624
Jyh-Feng Lin, Meng-Chyi Wu, Ming-Jiunn Jou, Chuan-Ming Chang, Biing-Jye Lee Growth of a GaP window layer on AlGaInP light-emitting diodes using misoriented substrates 94292
Jyh-Herng Wang, Jen-Teng Fan, Wu-Shiung Feng An accurate time-domain current waveform simulator for VLSI circuits 50086
Jyh-Kuang Lin, Chun-Yen Chang, Heng-Sheng Huang, Kun-Luh Chen, Dah-Chih Kuo New polysilicon-oxide-nitride-oxide-silicon electrically erasable programmable read-only memory device approach for eliminating off-cell leakage current 63013
Jyh-Ming Jang *see* Sifen Luo 48689
Jyh-Ming Jong, Hayden, L.A., Tripathi, V.K. Time domain characterization of coupled interconnects and discontinuities 94889
Jyh-Ming Shieh *see* Yih-Ru Wang 64395
Jyh-Ming Wang, Sung-Chuan Fang, Wu-Shiung Feng New efficient designs for XOR and XNOR functions on the transistor level 70383
Jyh-Shinn Yang Magnetic field of a thin film head with an underlayer 72165
Jyh-Shyan Lin, Ligomenides, P.A., Lo, S.-C.B., Freedman, M.T., Mun, S.K. A hybrid neural-digital computer-aided diagnosis system for lung nodule detection on digitized chest radiographs 76944
Jyh-shyang Jenq, Taylor, J.W., Reilly, M.T. Optimum-forced current for electrical linewidth measurements of submicron features 82031
Jyh-Wen Sheen *see* Yu-De Lin 80569
Jyh-Wong Hong *see* Tean-Sen Jen 63597
Jyh-Wong Hong *see* Tean-Sen Jen 71706
Jyh-Wong Hong *see* Tean-Sen Jen 94282
Jyh-Young Chen *see* Tean-Sen Jen 63597
Jyhfong Lin, Wing-Hung Ki, Edwards, T., Shamma, S. Analog VLSI implementations of auditory wavelet transforms using switched-capacitor circuits 95408
Jyhpyng Wang *see* Yuh-Fwu Chou 50782
Jyhpyng Wang *see* Yuh-Fwu Chou 63684
Jyi-Jhy Sze, Huang-Chung Cheng Effects of vacancies on the electrical characteristics of metal/GaAs Schottky contacts "A quantitative model" 93059
Jyomuta, C. *see* Murasawa, K. 86571
Jyothi, V. *see* Khadakkar, A.G. 74253
Jyu Horng-Fei *see* Horng-Fei Jyu
Jyumonji, M., Masuda, Y. High repetition rate Nd^+ glass laser without an SCR switch 56661

K. Park Sung *see* Sung K. Park
Ka-Ngo Leung *see* Chun Fai Chan 76422
Kaasila, V.-P., Mammela, A. Bit error probability of a matched filter in a Rayleigh fading multipath channel 51528
Kabacinski, W. *see* Dabrowski, A. 75122
Kabacinski, W. *see* Jajszczyk, A. 74654
Kabakov, V.I., Levin, L.B. A choice of the position of receiver with photocells in parabolic trough concentrator 69009
Kabakov, Z.K. *see* Samoilovich, Yu.A. 60637
Kabal, P. *see* De, A. 64381
Kabal, P. *see* Khandani, A.K. 73660
Kabal, P. *see* Khandani, A.K. 95061
Kabal, P. *see* Yasheng, Q. 84084
Kabal, P. *see* Yasheng Qian 95232
Kabalan, K.Y., El-Hajj, A. Characteristic mode formulation of the aperture-fed waveguide problem 57183
Kabalan, K.Y. *see* El-Hajj, A. 73321
Kabalan, K.Y. *see* El-Hajj, A. 94898
Kabamba, P.T. *see* Elta, M. 62443
Kabashima, S. *see* Sasao, K. 69016
Kabashima, T. *see* Iwabuchi, N. 68580
Kabatepe, M., Vastola, K.S. Bandwidth allocation in fair distributed queue (FDQ) networks 65317
Kabatianski, G., Lobstein, A. On Plotkin-Elias type bounds for binary arithmetic codes 73654
Kabatianskii, G. *see* Bierbrauer, J. 73765
Kabikov, V.B. *see* Belolaptikov, I.A. 59156
Kabir, H. *see* Lall, B.S. 92702
Kabir, T. *see* Picard, R.W. 84978
Kabius, B. *see* Herrmann, K. 93937
Kabjian, M.R. *see* Fava, J.A. 79237
Kablanian, A. *see* Lepejian, D.Y. 49447
Kablukov, N.G. *see* Arshinov, K.I. 80203
Kabos, P. *see* Truedson, J.R. 72054
Kabos Sandor *see* Sandor Kabos
Kabrisky, M. *see* Rogers, S.K. 77075
Kac, E. Computer holography at the School of the Art Institute of Chicago 56984
Kacerka, J. *see* Ostalczyk, P. 69042
Kachan, A.D., Madzhet sbeikh Makhamid Improvement in the manipulation of power limits brought about by storage of heat in a turbine generation system 60096
Kachan, I.V. *see* Zakrevskii, L.A. 80208
Kachan, M.V., Pimenov, S.F., Entel, M.B. Decameter radar remote sensing of Earth and water surfaces 77457
Kachanov, V.A. *see* Buyanov, O.V. 98501
Kachanova, N.A., Tverdyakov, V.B. Equivalentization in job training simulation with the use of a personal computer for operational personnel of electric power systems 89154
Kachi, D., Tu, X.W. Geometric camera calibration: theory and experiments 85184
Kachi, S., Morikami, M., Ohsawa, T., Furuya, Y. A broadcast protocol for computer network using satellite communication 96645
Kachru, R. *see* Shen, X.A. 82525
Kachurin, G.A., Obodnikov, V.I., Prints, V.Ya., Tyschenko, I.E. Neutralization of boron in silicon by high-temperature bombardment with argon ions 55709
Kachurin, V.K. *see* Zurabyan, A.Z. 98312
Kacic, Z. *see* Imperl, B. 64535
Kaciulis, S. *see* Gaggiotti, G. 98162
Kacprzak, B.W., Stokes, A.D. Features of the improved HV outdoor expulsion fuses 90265
Kacprzyk, R., Motyl, E., Gajewski, J.B., Pasternak, A. Piezoelectric properties of nonuniform electrets 63081
Kacprzyk, R. *see* Gajewski, J.B. 66763
Kacprzyk, R. *see* Gajewski, J.B. 66764
Kaczanowicz, E. *see* Wang, X.X. 53323
Kaczmarczyk, Z., Biskup, T. Microcontroller INTEL 80C51GB for thyristor rectifiers 100238
Kaczmarek, J. *see* Basak, A. 68652
Kaczmarek, M., Solymar, L., Pun, P. Multi-colour-pumped oscillator in photorefractive $BaTiO_3$ 56878
Kaczmarek, R., Dautain, M., Defoug, S. Parameter template in local magnetic measurements 63197
Kaczmarek, R. *see* Amar, M. 56207
Kadachi, A., Waheed, A., Obeid, M. Performance of PIN photodiode in microdosimetry 59427
Kadakia, S. *see* Bhatia, H. 91058
Kadakia, S. *see* Tummala, R. 91006
Kadakia, S.D., Donovan, T.E., Gupta, D., Bhatia, H. Advanced design and modeling for manufacturability of a hybrid MCM package 79318
Kadalbajoo, M.K., Bawa, R.K. Third-order variable-mesh cubic spline methods for singularly-perturbed boundary-value problems 48865
Kadambe, S., Srinivasan, P. Text independent speaker identification system based on adaptive wavelets 57432
Kadambe, S., Srinivasan, P. Applications of adaptive wavelets for speech 73801
Kadar, I., Abrams, B., Lovas, L., Alford, M., Berry, W., Liggins, M. Robust centralized predetection fusion for enhanced target detection 75522
Kadar, P. *see* Demjen, C. 53686
Kadar, Z., Bossche, A., Mollinger, J. Integrated resonant magnetic-field sensor 58689
Kadel, G. *see* Lorenz, R.W. 97105
Kaden, C. *see* Hase, A. 56790
Kader, A. *see* Siddiqi, R. 78027
Kader, S.Abdel *see* Abdel Kader, S.
Kader, W.G.Abdel *see* Abdel Kader, W.G.
Kadirire, J. Minimising packet copies in multicast routing by exploiting geographic spread 96282
Kadnikov, A., Matveev, Y. Experimental investigation of high voltage nanosecond generators of injection system for SIBERIA-2 storage ring 67189
Kadnikov, A. *see* Korchuganov, V. 66999
Kadnikov, B.L., Davydov, N.I., Ryabov, G.A., Shmukler, B.I. Simulation of physicochemical processes in boilers with a circulating fluidized bed 99939
Kado, H., Yamamoto, S., Yokoyama, K., Tohda, T., Umetani, Y., Yano, K. Observation of the bottom surface of contact holes by hopping scanning atomic force microscopy with a ZnO whisker tip 62957
Kado, H. *see* Ishikawa, N. 64170
Kado, H. *see* Itozaki, H. 93958
Kado, H. *see* Kawai, J. 93945
Kado, H. *see* Kazami, K. 56247
Kado, H. *see* Kazami, K. 59263
Kado, H. *see* Mizutani, N. 56264
Kado, H. *see* Morooka, T. 58663
Kado, H. *see* Takada, Y. 97908
Kado, H. *see* Tanaka, S. 98810
Kado, U. *see* Ohno, T. 71796
Kado, Y., Ohno, T., Harada, M., Deguchi, K., Tsuchiya, T. Enhanced performance of multi-GHz PLL LSIs using sub-1/4-micron gate ultrathin film CMOS/SIMOX technology with synchrotron X-ray lithography 91955
Kado, Y. *see* Tsuchiya, T. 62776
Kadoch, M. *see* Bohm, S. 86253
Kadochnikov, A.I. A simple method of accounting for the domain structure in the calculation of the magnetic skin effect in a ferromagnetic tape 93875
Kadoi, K. *see* Saitoh, Y. 59075
Kadoiwa, K. *see* Shima, A. 72907
Kadokura, E. *see* Kawakuoo, T. 76624
Kadokura, T. *see* Aiai, H. 91774
Kadokura, T. *see* Arai, H. 61461
Kadomura, S. *see* Tatsumi, T. 55809
Kadono, H., Ogusu, M., Toyooka, S. Phase shifting common path interferometer using a liquid-crystal phase modulator 72482
Kadono, M. *see* Yamamoto, T. 72161
Kadono, R. *see* Nagamine, K. 76398
Kadota, M., Kasanami, T., Minakata, M. Deposition and piezoelectric characteristics of ZnO films by using an ECR sputtering system 71851
Kadota, M., Kasanami, T., Minakata, M. Piezoelectric properties of ZnO films deposited by an ECR sputtering system 82147
Kadota, M., Kondoh, C., Chubachi, N. Reduction of deviation of frequency characteristics of SAW filters by mechanical polishing of ZnO film surface 82218
Kadota, M. *see* Cho, Y. 71903
Kadota, M. *see* Cho, Y. 93835
Kadota, M. *see* Kitamura, T. 71884
Kadota, T.T. Integration of complementary detection-localization systems—an example 74169
Kadotani, K. *see* Krahenbuhl, F. 82163
Kadowaki, M. *see* Akiyama, Y. 68995
Kadowaki, N., Takahashi, Y., Shimada, M., Suzuki, Y. Development of millimeter-wave band satellite communications equipment on ETS-VI 86261
Kadowaki, N., Takahashi, Y., Suzuki, Y. The millimeter-wave band user satellite simulator for ETS-VI experiments 86268
Kadowaki, T. *see* Iwahashi, T. 99159
Kadoya, Y., Noge, H., Sakaki, H. Effect of ionized impurities at heterointerface on concentration and mobility of two-dimensional electrons in selectively doped heterojunction structures 93041
Kadri, M.M. *see* Zanelli, C.I. 98940
Kadrnozka, J. New method of dividing the used fuel heat content and costs in district heating plants 60081
Kadushkin, V.I. *see* de Visser, A. 81283
Kae Dal Kwack *see* Byung Seob Cho 81863
Kae Dal Kwack *see* Nam Hong Jo 71736
Kae-Nune, P. *see* Proust, N. 70897
Kaenel, R.A. Broadband delivery across the last mile 85499
Kaeppner, T. *see* Venkat Rangan, P. 66035
Kaercher, G.C., Yates, H.R., Josefiak, K.A., Luberacki, R.D., Tucci, S.F. System installation and burning of coke oven gas at Detroit Edison's River Rouge power plant 89647
Kaeser, R. Design for crashworthiness of light electric vehicles 54190
Kaeslin, H. *see* Rothacher, F. 70594
Kaeslin, H. *see* Zimmermann, R. 49487
Kafai Lai *see* Ming-Yin Hao 71385
Kaffer, L. *see* Schrempp, W. 59477
Kafka, G. Multimedia standards for video conferencing 85926
Kafka, H.J. Evolution toward broadband 51945
Kafka, H.J. *see* Demaio, M. 51946
Kafka, H.J. *see* Soneru, M.D. 52221
Kafka, L.R.J. *see* Adibi, M.M. 89016
Kafka, P. Important issues using PSA technology for design of new systems and plants 79252
Kafkra, R.J. *see* Adibi, M.M. 89015
Kaga, A., Tajima, K., Anazawa, Y., Kimura, M. Effect of ferrite magnetic wedge on capacitor motor characteristics under triac control 54012
Kaga, A. *see* Tajima, K. 50376
Kagami, A. *see* Matsui, Y. 61702
Kagami, O., Watanabe, K., Ohtsuka, O. Performance of a transversal equalizer for self-interference passing adjacent channels 65568
Kagamizone, H. *see* Yamada, A. 79032
Kagan, H. *see* Tesarek, R.J. 98504
Kagan, N., Adams, R.N. Electrical power distribution systems planning using fuzzy mathematical programming 59932
Kagarakis, C.A. *see* Bourkas, P.D. 78744
Kagaris, D., Makedon, F., Tragoudas, S. A method for pseudo-exhaustive test pattern generation 80271
Kagaris, D., Tragoudas, S. Retiming algorithms with application to VLSI testability 49280
Kagaris, D., Tragoudas, S. A design for testability technique for test pattern generation with LFSRs 49371
Kagaris, D., Tragoudas, S. A class of good characteristic polynomials for LFSR test pattern generators 92037
Kagata, H., Inoue, T., Kameyama, I., Kato, J. Low-fire dielectric ceramics for multilayer microwave devices 82106
Kagata, H. *see* Kato, J. 82104
Kagawa, K. *see* Du-Yih Tsai 98853
Kagawa, K. *see* Sugiyama, Y. 50258
Kagawa, M. *see* Saito, G. 97333
Kagawa, S. *see* Sasaki, Y. 65637
Kagawa, T. *see* Miyamoto, Y. 52562
Kagawa, Y., Analoui, M. Application of TLM model to an inverse problem (identification of source and scatterer in time domain) 73267

Kagawa, Y. *see* Junwei Lu 73406
Kagawa, Y. *see* Shimoyama, R. 57410
Kagaya, O. *see* Ho, S. 49757
Kagaya, O. *see* Ho, S. 50037
Kagaya, O. *see* Ohkura, Y. 62190
Kage, S. *see* Takata, M. 75785
Kage, T., Kawafuji, F., Niitsuma, J. A circuit partitioning approach for parallel circuit simulation 49109
Kagebayashi, Y. *see* Takahashi, A. 87388
Kagenishi, Y., Hirano, H., Shibayama, A., Kotani, H., Moriwaki, N., Kojima, M., Sumi, T. Low power self refresh mode DRAM with temperature detecting circuit 80323
Kager, A., Liou, J.J., Liou, L.L., Huang, C. A semi-numerical model for multi-emitter finger AlGaAs/GaAs HBTs 81833
Kager, A., Liou, J.J., Liou, L.L., Huang, C.I. A semi-numerical model for power AlGaAs/GaAs HBTs including self-heating and thermal-coupling companions 93349
Kageshimi, H., Ono, Y., Tabe, M., Ohno, T. Origin of dark regions in scanning tunneling microscopy images formed by thermal oxidation of Si(111) surface 81469
Kagey, D. *see* Khormaei, R. 66624
Kageyama, J.-I. *see* Niwano, M. 81478
Kageyama, M. *see* Suzuki, N. 97644
Kageyama, S. *see* Iimura, K. 75788
Kageyama, Y. *see* Muraoka, T. 66703
Kagi, H., Chian, T.-K., Fong, T.I., Imarhic, M.E., Kazovsky, L.G. Frequency dependence of cross-phase modulation in amplified optical fibre links 97317
Kagi, H. *see* Wakatsuki, M. 87595
Kagi, N. *see* Ting-Kuang Chiang 72310
Kagomi, S. *see* Sasaki, T. 81570
Kagoshima, K. *see* Suzuki, T. 83833
Kagoshima, K. *see* Tsunekawa, K. 64210
Kagotani, H., Nanya, T. Synthesis of two-phase quasi-delay-insensitive circuits from dependency graphs 92069
Kagotani, H. *see* Nanya, T. 55301
Kagotani, T. *see* Yamada, R. 100329
Kagramanyan, V.S. *see* Murogov, V.M. 89539
Kahalekar, S.G. *see* Joshi, Y.V. 99521
Kahana, E., Chung, Y., Votaw, A.J., Lenkszus, F. Configuration and test of the APS storage ring beam position monitor electronics 98459
Kahana, E. *see* Chung, Y. 76488
Kahana, E. *see* Lenkszus, F.R. 76840
Kahana, E. *see* Lumpkin, A.H. 98460
Kahana, E. *see* Lumpkin, A.N. 76436
Kahana, E. *see* Sellyey, W. 76468
Kahel, M.El *see* El Kahel, M.
Kahkichashvili, S.D. Polarization holography 56994
Kahkichashvili, S.D. *see* Kilosanidze, B.N. 56995
Kahl, G.J. *see* Bodenstein, C.P. 97408
Kahle, A.B. *see* Tsu, H. 77275
Kahle, H., Rahder, C. Fuzzy-logic based control of the removal of nitrogen compounds from flue gases 60088
Kahle, J. *see* Pham, D. 92287
Kahle, M. *see* Krahenbuhl, F. 82163
Kahmann, F. *see* Sugg, B. 83366
Kahn, A. *see* Chen, W. 71206
Kahn, D. *see* Hagelin, B.C.W. 73690
Kahn, J., Kalai, G. A problem of Furedi and Seymour on covering intersecting families by pairs 91291
Kahn, J.M., Barry, J.R., Audeh, M.D., Carruthers, J.B., Krause, W.J., Marsh, G.W. Non-directed infrared links for high-capacity wireless LANs 65249
Kahn, J.M. *see* Marsh, G.W. 97297
Kahn, M. Quality measured quantitatively in the operational nonproduction area. Quantification of verbal and multidimensional quality features by using the fuzzy set theory. I 69585
Kahn, M. Measuring quality in a company's nonproduction area. The quantification of verbal and multi-dimensional quality characteristics using fuzzy theory. II 79460
Kahn, O. *see* Jay, C. 56297
Kahn, S. *see* Gupta, R. 76648
Kahn, S. *see* Lindner, M. 82420
Kahn, S. *see* Muratore, J. 82419
Kahn, S. *see* Wanderer, P. 82421
Kahn, S. *see* Wanderer, P. 82422
Kahn, S.A., Gupta, R.C., Jain, A.K., Morgan, G.H., Thompson, P.A. Calculations of magnetic field for the end design of the RHIC arc dipole 76651
Kahn, S.A. *see* Thompson, P. 76655
Kahn-Harari, A. *see* Lejus, A.M. 72723
Kahn-Jetter, Z.L., Jha, N.K., Bhatia, H. Optimal image correlation in experimental mechanics 57641
Kahng, A.B., Muddu, S. Delay analysis of VLSI interconnections using the diffusion equation model 80067
Kahng, A.B., Muddu, S. Optimal equivalent circuits for interconnect delay calculations using moments 91735
Kahng, A.B., Tsao, C.-W.A. Planar-DME: improved planar zero-skew clock routing with minimum pathlength delay 91743
Kahng, A.B. *see* Alpert, C.J. 82055
Kahng, A.B. *see* Alpert, C.J. 91810
Kahng, S.J. *see* Khang, Y. 71201
Kahrizi, M., Sarkar, T.K., Maricevic, Z.A. Space domain approach for the analysis of printed circuits 49674
Kahrizi, M., Sarkar, T.K., Maricevic, Z.A. Dynamic analysis of a microstrip line over a perforated ground plane 64197
Kahrizi, M. *see* Stiharu, I. 62433
Kahrs, M., Locanthi, B.N., Restrick, R.C., III Technology mapping in circuit design aids 70440
Kahrs, M., Zimmer, C. High speed signal processing in a programmable propagation simulator 84220
Kai, A. *see* Nakagawa, S. 84141
Kai, J. *see* Tsuchiya, T. 62776
Kai, K., Kuroda, S., Nishi, K. Two-dimensional modeling of self-aligned silicide processes with the general-purpose process simulator OPUS 49917
Kai, K., Sakakura, H., Fukuda, K., Kuroda, S., Ohtomo, A., Ida, J., Nishi, K. Impact of drain profiles on Ti-salicided pMOSFET characteristics analyzed by a first comprehensive coupled process/device simulator for salicided MOSFETs 93440
Kai, K., Seno, H., Isobe, T. Development of multimedia information broadcasting service "PRESENT" 52675
Kai, K. *see* Nakajima, H. 58528
Kai, T., Funabashi, T. A new method for the analysis of cross-country multifaults in a double-circuit transmission line 53805
Kai, T., Funabashi, T., Sasaki, H. A new analytical method for transient phenomena of synchronous machine (cylindrical rotor type) short-circuit 100105
Kai Chang *see* Chien-Hsun Ho 80609
Kai Chang *see* Chien-Hsun Ho 92600
Kai Chang *see* Javor, R.D. 51254
Kai Chang *see* McCleary, J. 70847
Kai Chang *see* McSpadden, J.O. 95035
Kai Chang *see* Min-Hua Ho 73528
Kai Chang *see* Xiao-Dong Wu 64243
Kai Chua Wei *see* Wei Kai Chua
Kai Ji-Jung *see* Ji-Jung Kai
Kai Lau *see* Sanjurjo, A. 81209
Kai Liu *see* Liu Kai
Kai Yan Yip *see* Yang, T.T. 65948
Kai Yan Yip *see* Yang, T.T. 75670
Kai Zhao *see* Zhao Kai
Kai-Cheng Wei, Young-Sheng Chiou Optimal bipartite folding of PLA 70406
Kai-Cheng Wei *see* Bin-Da Liu 70365
Kai-Fong Lee, Zhibo Fan CAD formulas for resonant frequencies of TM_{11} mode of circular patch antenna with or without superstrate 73496
Kai-Fu Lee *see* Rudnicky, A.I. 84017
Kai-Hau Yeung *see* Tak-Shing Yum 85853
Kai-Li Ko *see* Tyson Lin 50745
Kai-Yao Chen, Sau-Gee Chen Efficient algorithms for interlaced to progressive scan conversion 95931
Kai-Yeung Siu *see* Roychowdhury, V.P. 74632
Kai-Yiu Tsie, Hamid Aghvami, A. High level trellis-coded modulation with slow frequency hopping for land mobile communications 52411
Kai-Yuan Cai Q-scale measures of fuzzy sets 79624
Kai-Yuan Chao, Wong, D.F. Layer assignment for high-performance multi-chip modules 91849
Kaibyshev, V.Z. *see* Gerashchenko, S.S. 90462
Kaide, T. *see* Nakagawa, K. 61977
Kaidoh, T. *see* Kaneko, K. 58911
Kaieda, T. *see* Morita, N. 53568
Kaifler, E., Reinmuth, K. Switching with modern SIPMOS small-signal transistors 62787
Kaigawa, H., Yamamoto, K., Shigematsu, Y. Etching of thermally grown SiO_2 by NH_4OH in mixture of NH_4OH and H_2O_2 cleaning solution 81470
Kaihara, S., Kuribayashi, M., Tanji, A., Kawachi, K., Nezaki, K. Studies on metal fusion and welding under micro-gravity environment 60950
Kaihe Zhang *see* Yunfeng 82019
Kaihe Zhang *see* Zhang Kaihe
Kaibo, Y. *see* Momma, H. 99279
Kaijser, P. *see* Androutsopoulos, D. 96497
Kailaith, T. *see* Tong, L. 84441
Kailath, T. *see* Aghajan, H.K. 64652
Kailath, T. *see* Aghajan, H.K. 74546
Kailath, T. *see* Aghajan, H.K. 81713
Kailath, T. *see* Aghajan, H.K. 84962
Kailath, T. *see* Cho, Y.M. 55685
Kailath, T. *see* Genossar, M.J. 51446
Kailath, T. *see* Guanghan Xu 51441
Kailath, T. *see* Guanghan Xu 64492
Kailath, T. *see* Guanghan Xu 95410
Kailath, T. *see* Gyugyi, P.J. 93103
Kailath, T. *see* Halder, B. 95623
Kailath, T. *see* Hassibi, B. 84331
Kailath, T. *see* Hassibi, B. 84332
Kailath, T. *see* Khalaj, B.H. 69595
Kailath, T. *see* Khalaj, B.H. 79456
Kailath, T. *see* Khalaj, B.H. 81732
Kailath, T. *see* Khalaj, B.H. 84536
Kailath, T. *see* Lang Tong 74160
Kailath, T. *see* Naguib, A.F. 75341
Kailath, T. *see* Naguib, A.F. 97167
Kailath, T. *see* Pati, Y.C. 71482
Kailath, T. *see* Pati, Y.C. 81692
Kailath, T. *see* Sayed, A.H. 54739
Kailath, T. *see* Sayed, A.H. 64171
Kailath, T. *see* Sayed, A.H. 64426
Kailath, T. *see* Sayed, A.H. 73971
Kailath, T. *see* Sayed, A.H. 84319
Kailath, T. *see* Schaper, C. 62919
Kailath, T. *see* Yao-Ting Wang 71487
Kailong Ren *see* Ren Kailong
Kaimal, J.C. *see* Clifford, S.F. 53540
Kaiming Wang *see* Wang Kaiming
Kaiming Zhang *see* Zhang Kaiming
Kain, A. *see* Huey-Daw Wu 80910
Kain, A.Z. *see* Jackson, C.M. 49642
Kaino, T. *see* Asobe, M. 56908
Kaino, T. *see* Ooba, N. 73122
Kaino, T. *see* Sakai, Y. 72401
Kainosho, K. *see* Kohiro, K. 55696
Kainov, V.Yu. *see* Urlin, V.D. 50734
Kainuma, S. *see* Ichinose, M. 83683
Kairong Ye *see* Ye Kairong
Kaiser, A.M. Achieving chemical and particulate isolation through the use of minienvironments 60876
Kaiser, D.A. *see* Sterman, M.B. 99054
Kaiser, F. *see* Leonardy, J. 94628
Kaiser, G. Wavelet electrodynamics .II. atomic composition of electromagnetic waves 83625
Kaiser, G.E. *see* Wu, S.F. 74836
Kaiser, H. *see* Lippmann, G. 67112
Kaiser, H. *see* Meyerson, B.S. 79820
Kaiser, J.A.C. *see* Marmorino, G.O. 99284
Kaiser, J.F. Some useful properties of Teager's energy operators 84232
Kaiser, J.F. *see* Dunn, R.B. 84231
Kaiser, L. 'Green' hardware development process 90947
Kaiser, M. *see* Fries, D.C. 98535
Kaiser, N., Heidemann, R., Jung, R., Manz, W., Mittrich, M., Modinger, R., Nissler, D., Ouyang, X., Rosener, D. Silicon-bipolar chipset for STM-1 and STM-4 fibre-optic transmission modules 52513
Kaiser, N. *see* Schallenberg, U.B. 72975
Kaiser, P. *see* Simon, K. 81588
Kaiser, R., Fidorra, F., Heidrich, H., Albrecht, P., Rehbein, W., Malchow, S., Schroeter-Janssen, H., Franke, D., Sztefka, G. Integration of tunable DBR-lasers with waveguides for heterodyne receiver OEIC applications using selective area MOVPE 56593
Kaiser, R., Trommer, D., Fidorra, F., Heidrich, H., Malchow, S., Franke, D., Passenberg, W., Rehbein, W., Schroeter-Janssen, H., Stenzel, R., Unterborsch, G. Monolithically integrated polarisation diversity heterodyne receivers on GaInAsP/InP 86348
Kaiser, W.J. *see* Kenny, T.W. 87077
Kaiser, W.J. *see* Rockstad, H.K. 66241
Kaiserwerth, M. *see* Rutsche, E. 85754
Kaisheng Tan *see* Tan Kaisheng
Kaita, R. *see* Von Goeler, S. 59246
Kaito, J. *see* Kanemaru, K. 68272
Kaitsu, I. *see* Shinohara, M. 71972
Kaizhong Zhang *see* Xiaolin Wu 57401
Kaizhou Guo *see* Guo Kaizhou
Kaizu, R. *see* Nagata, H. 63417
Kaj Zhu *see* Yao-Wen Chang 92159
Kajcsos, Zs., Meisel, W., Griesbach, P., Gutlich, P., Sauer, Ch., Kurz, R., Hildebrand, K., Albrecht, R., Ligtenberg, M.A.C. Low noise scintillation detectors with a P-47 thin layer screen for electrons of several keV 88051
Kajfez, D. Linear fractional curve fitting for measurement of high Q factors 76182
Kajfez, D., Guo, J. Precision measurement of coupling between microstrip and TE_{01} mode dielectric resonator 98282
Kaji, G. *see* Kubo, T. 82360
Kaji, G. *see* Tanahashi, S. 93956
Kaji, H. *see* Yoshii, K. 100930
Kaji, I. *see* Mukaiyama, Y. 99706
Kaji, N. *see* Hori, M. 92661
Kaji, R., Koshiba, M. Equivalent network approach for guided electron waves in quantum-well structures and its application to electron-wave directional couplers 62259
Kaji, R., Koshiba, M. A complete set of normal modes in three-layered electron waveguides 82000
Kaji, R. *see* Osman, N. 64195
Kajihara, K., Hamada, M. Applying object-oriented method to a digital cellularphone system 75283
Kajihara, R. *see* Yamamoto, Y. 56182
Kajihara, R. *see* Yamamoto, Y. 93819
Kajihara, S., Pomeranz, I., Kinoshita, K., Reddy, S.M. On compacting test sets by addition and removal of test vectors 49387
Kajiki, Y. *see* Takahashi, H. 65847
Kajima, T., Kawamura, Y. Development of a high-speed solenoid valve —investigation of the solenoids 83566
Kajimoto, M. *see* Abe, K. 89485
Kajimoto, T. *see* Tsukikawa, Y. 49428
Kajimoto, T. *see* Tsukikawa, Y. 70556
Kajimura, A. *see* Suzuki, M. 70137
Kajioka, H. *see* Kumagai, T. 76034
Kajioka, H. *see* Yahara, T. 76040

Kajita, J., Moriyama, T., Takanishi, Y., Ishikawa, K., Takezoe, H., Fukuda, A. Gray scale recording by optically addressed spatial light modulator using antiferroelectric liquid crystal 72467
Kajita, S., Itakura, F. Speech analysis and speech recognition using subband-autocorrelation analysis 95282
Kajita, Y. *see* Uchida, T. 71696
Kajita Toru *see* Toru Kajita
Kajitani, Y. *see* Nakatake, S. 92158
Kajiura, T. *see* Kataoka, H. 49712
Kajiwara, A., Nakagawa, M. Microcellular CDMA system with a linear multiuser interference canceler 65608
Kajiwara, J. RF components for digital cellular phones follow latest technological trends 58307
Kajiwara, K. *see* Perera, L.K. 67915
Kajiwara, K. *see* Xu, K. 64843
Kajiyama, Y., Tatsuno, H., Tokura, N. Virtual path recovery switching and hitless reversion switching in 180 km ATM self-healing ring 58432
Kajiyana, K. *see* Sakao, M. 70500
Kajiyana, K. *see* Ueno, K. 62533
Kajola, M.J. *see* Knuutila, J.E.T. 53390
Kajrys, G.E. *see* Ares, R. 55717
Kajzar, F. *see* Charra, F. 56912
Kakac, S. Introduction to ASI on cooling of electronic systems 79400
Kakac, S., Cotta, R.M. Unsteady forced convection in a duct with and without arrays of block-like electronic components 79412
Kakac, S. *see* Yuncu, H. 79425
Kakac, S., Yuncu, H., Hijikata, K. *(editors)* Cooling of Electronic Systems. Proceedings of the NATO Advanced Study Institute 79150
Kakadiaris, I.A., Metaxas, D., Bajcsy, R. Active motion-based segmentation of human body outlines 96065
Kakami, M., Sudou, K., Suzuki, T. High speed AF and zoom system and low noise technique of lens for "VIEWCAM" 66068
Kakar, R.K. *see* Wang, J.R. 77407
Kakar, S. *see* Zhe Qu 88290
Kakarala, R., Bennett, B.M., Iverson, G.J., D'Zmura, M. Bispectral techniques for spherical functions 84429
Kakarantzas, G. *see* Shepherd, D.P. 63752
Kakehashi, E. *see* Hamada, T. 61733
Kakehashi, E. *see* Saeki, T. 49438
Kakehashi, H. *see* Fukunaga, H. 63248
Kakehi, A. *see* Sanpei, M. 68189
Kakehi, A. *see* Tanaka, S. 50234
Kakehi, K. *see* Kato, K. 51376
Kakerow, R., Manoli, Y., Mokwa, W., Rospert, M., Meyer, H., Drewer, H., Krause, J., Cammann, K. A monolithic sensor array of individually addressable microelectrodes 66282
Kakerow, R. *see* Meyer, H. 58862
Kakeya, M., Nirasawa, Y., Endou, E., Kakizaki, J., Murakawa, I., Suzuki, H., Takamori, K., Iida, T. i50 information terminal 58243
Kakiage, T. *see* Ozaki, S. 70623
Kakigi, S. *see* Shirai, T. 76407
Kakihara, K. *see* Ohsawa, S. 76312
Kakimoto, K. *see* Kyung-Woo Yi 54811
Kakimoto, M. *see* Negi, Y.S. 58918
Kakimoto, M. *see* Nishikata, Y. 56545
Kakimoto, N., Lin, B., Sugihara, H. Expert system for dispatch control in restoration of EHV power systems after complete blackout 77968
Kakimoto, S. *see* Kotaki, H. 91447
Kakimoto, S. *see* Shigihara, K. 83057
Kakimoto, Y., Kitagawa, M., Yamamoto, A. Hi-Vision presentation system 58580
Kakimura, T. *see* Nishikawa, T. 83213
Kakino, Y., Ihara, Y., Satou, K., Otsubo, H. A study on the motion accuracy of NC machine tools. VII. The measurement of motion accuracy of 5 axis machine by DBB test 87545
Kakinoki, M. *see* Uchikoga, S. 81861
Kakinoki, Y. *see* Ando, M. 69600
Kakinouchi, T., Asano, T., Kanayama, T., Sasajima, H. Ship vibration simulation system. I. Vibration data acquisition and processing system and data bank facility 66785
Kakinuma, H. *see* Mohri, M. 62832
Kakinuma, S. *see* Sato, Y. 79944
Kakishima, M. *see* Watanabe, K. 99376
Kakishita, K., Aihara, K., Suda, T. Zinc phosphide epitaxial growth by photo-MOCVD 69968
Kakishita, K., Aihara, K., Suda, T. Zn_3P_2 photovoltaic film growth for Zn_3P_2/ZnSe solar cell 91566
Kakiuchi, H. *see* Suzaki, Y. 81248
Kakiuchida, H., Ohtsubo, J. Characteristics of a semiconductor laser with external feedback 83205
Kakizaki, J. *see* Kakeya, M. 58243
Kakizaki, S. *see* Arimoto, A. 64044
Kaklamani, D.I., Uzunoglu, N.K. Scattering from a conductive rectangular plate covered by a thick dielectric layer and excited from a dipole source or a plane wave 73527
Kaklis, P.D., Sapidis, N.S. Curvature-sign-type boundary conditions in parametric cubic-spline interpolation 79651
Kako, E. *see* Noguchi, S. 66814
Kako, E. *see* Saito, K. 67129
Kako, Y., Watanabe, S., Higashimura, Y., Matsunobu, K. Internal partial discharge resistance of sulfur cured rubber 50146
Kako, Y., Watanabe, S., Higashimura, Y., Matsunobu, K. Improvement of partial discharge (PD) resistance of epoxy resin by using sulfur containing additives 50147
Kakodkar, A. *see* Chidambaram, R. 60056
Kakogiannos, N.B. *see* Roumeliotis, J.A. 51093
Kaku, H. *see* Iwashige, J. 57097
Kaku, K. *see* Johnson, L. 86685
Kaku, S. *see* Umeda, H. 95165
Kaku, T. *see* Nakamura, J.-I. 97739
Kakuda, N. *see* Tsuboi, N. 48938
Kakuda, N. *see* Yamauchi, N. 93375
Kakuda, S. *see* Osaka, T. 78794
Kakuda, Y., Kikuno, T., Kawashima, K. Automated verification of responsive protocols modeled by extended finite state machines 96256
Kakuda, Y., Takada, Y., Kikuno, T. On the complexity of protocol validation problems for protocols with bounded capacity channels 65039
Kakudate, Y. *see* Yokoi, H. 82509
Kakui, M. *see* Yokoyama, M. 94237
Kakui, Y. *see* Yamanaka, T. 98331
Kakukawa, S. *see* Kitamura, M. 83562
Kakuma, M. *see* Chang, P.S.-T. 62852
Kakuma, S., Mishima, K., Ohba, R. Frequency control of a laser diode by a photothermal effect and its application to frequency stabilization 94453
Kakumu, M. *see* Azuma, A. 71670
Kakumu, M. *see* Ishimaru, K. 71784
Kakumu, M. *see* Kinugawa, M. 92189
Kakumu, M. *see* Matsuoka, F. 92220
Kakumu, M. *see* Oyamatsu, H. 70407
Kakumu, M. *see* Yabe, T. 70566
Kakumu, M. *see* Yoshimura, H. 63011
Kakusho, K., Dan, S., Abe, N., Kitahashi, T. Shape recovery and error correction based on hypothetical constraints by parallel network for energy minimization 84617
Kakusho, O. *see* Yamashita, Y. 84155
Kakuta, T. *see* Shikama, T. 82598
Kakuyama, T. *see* Agui, T. 96005
Kalafi, M., Bidadi, H., Bairamov, A.I., Salmanov, V.M. Photoelectrical properties of thin film Cu_2S-CdS solar cells 100515
Kalai, G. *see* Kahn, J. 91291
Kalam, A., Haque, M.Z. A new version of exact decoupled second order AC-DC load flow in rectangular coordinates 59741
Kalam, A. *see* Juan Shi 99517
Kalam, A. *see* Juan Shi 99549
Kalam, A. *see* Negnevitsky, M. 59817
Kalam, A. *see* Negnevitsky, M. 59924
Kalam, A. *see* Shi, J. 59746
Kalamatianos, J. *see* Efstathiou, C. 80238
Kalandarishvili, A.G., Kashiya, V.G. Efficient binary sources of working-body vapor for thermionic converters 100781
Kalandarishvili, A.G. *see* Antipov, V.V. 53863
Kalantar, D.H. *see* Glidden, S.C. 81602
Kalashnikov, A.A. *see* Bulkin, A.E. 99942
Kalashnikov, B.E. *see* Baru, A.Yu. 60291
Kalashnikov, M.P. *see* Shlyaptsev, V.N. 50719
Kalashnikov, V.L., Kalosha, V.P., Mikhailov, V.P. Self-mode-locking of continuous solid-state lasers with an extra cavity 63712
Kalashnikov, V.L., Kalosha, V.P., Mikhailov, V.P. Improvement of coupled-cavity mode locking of continuous-wave solid-state lasers by a resonant nonlinearity 82971
Kalashnikov, V.L., Kalosha, V.P., Mikhailov, V.P., Poloiko, I.G. Mode-locking of continuous solid-state lasers with a three-level saturating absorber 63734
Kalashnikov, V.L., Kalosha, V.P., Mikhailov, V.P., Poloiko, I.G., Demchuk, M.I. Effective self-mode-locking of cw solid-state lasers with a resonant nonlinearity in an additional cavity 56689
Kalashnikov, V.L., Kalosha, V.P., Mikhailov, V.P., Poloyko, I.G. Using of second-harmonic generation for mode locking of CW solid-state lasers 83281
Kalashnikov, V.L., Kalosha, V.P., Mikhailov, V.P., Poloyko, I.G., Demchuk, M.I. Efficient self-mode locking of continuous-wave solid-state lasers with resonant nonlinearity in an additional cavity 63689
Kalashnikov, V.L. *see* Kalosha, V.P. 73114
Kalavade, A., Lee, E.A. A methodology for simulation and synthesis of mixed hardware/software systems 55062
Kalayci, T., Ozdamar, O., Erdol, N. The use of wavelet transform as a preprocessor for the neural network detection of EEG spikes 88498
Kalbag, A. *see* Cifuentes, A.O. 92682
Kalbfleisch, C., Hunt, S., Low, K., Mathieson, D. Network management of real-time embedded processors [SSC] 74864
Kalbfleisch, C. *see* Mathieson, D. 75009
Kalbfleisch, G. *see* Kaplan, D. 59067
Kalbitzer, S. *see* Friedland, E. 49855
Kalbitzer, S. *see* Krotz, G. 79912
Kalbitzer, S. *see* Wilbertz, C. 81724
Kalboussi, A. *see* Seghier, D. 49780
Kalbreier, W. *see* Bailey, R. 76535
Kalcic, M.T. *see* Kaminsky, E.J. 77558
Kale, A.B. *see* Oliver, S.A. 87217
Kale, I., Gryka, J., Cain, G.D., Beliczynski, B. FIR filter order reduction: balanced model truncation and Hankel-norm optimal approximation 61810
Kale, I., Morling, R.C.S., Krukowski, A., Devine, D.A. Architectural design simulation and silicon implementation of a very high fidelity decimation filter for sigma-delta data converters 92393
Kale, I. *see* Murphy, N.P. 91961
Kale, R.D. *(editor)* Pumping Equipment in Nuclear Industry and Thermal Power Plants. Proceedings of National Symposium 69379
Kaleh, G.K. The Baum-Welch algorithm for the detection of time-unsynchronized rectangular PAM signals 51523
Kaleh, G.K. *see* Leeuwin, M. 83966
Kaleh, G.K. *see* Siala, M. 83964
Kaleh Ghassan Kawas *see* Ghassan Kawas Kaleh
Kalejs, J.P. Material electronic quality specifications for polycrystalline silicon wafers 90401
Kalejs, J.P. Thin EFG octagons [Si solar modules] 90424
Kalejs, J.P., Bathey, B.R., Borenstein, J.T., Stormont, R.W. Effects of transition metal impurities on solar cell performance in polycrystalline silicon 100634
Kalejs, J.P. *see* Balster, S.G. 100616
Kalejs, J.P. *see* Sana, P. 100621
Kalelkar, M. *see* Abe, K. 88115
Kalelkar, M. *see* Antilogus, P. 59064
Kalelkar, M. *see* Antilogus, P. 59127
Kalet, I., Saltzberg, B.R. QAM transmission through a companding channel—signal constellations and detection 51524
Kalet, I. *see* Trachtman, A. 51527
Kaleton, M.-B. *see* Eskelinen, E. 58492
Kalevich, V.K., Korenev, V.L., Merkulov, I.A. Nonequilibrium spin and spin flux in quantum films of GaAs-type semiconductors 71176
Kalhoff, F. Matroids with coefficients over projective planes 91277
Kalia, R.K. *see* Nakano, A. 55873
Kaliaguine, V. *see* Beckermann, B. 54745
Kaliardos, W.N. Sensors for autonomous navigation and hazard avoidance on a planetary microrover 75650
Kalinchenko, G.A. *see* Vainer, V.V. 63634
Kalinchenko, G.A. *see* Vainer, V.V. 94351
Kalingamudali, S.R.D., Wismayer, A.C., Woods, R.C., Roberts, J.S. Current gain increase in AlGaAs/GaAs heterojunction bipolar transistors using AlGaAs layer overgrowth 81821
Kalinichenko, A.P. *see* Senko, V.I. 80122
Kalinichev, V.I., Kuranov, Y.V. Electromotive force technique applied to the design of planar dielectric antennas with low side lobes 57229
Kalinin, A. *see* Fanti, V. 76788
Kalinin, A.I. *see* Demortier, L. 59090
Kalinin, A.V. Secrets of the Soviet nuclear complex 78280
Kalinin, S.V., Klimovskii, I.I., Melnik, D.G. Investigations of quasi-CW and CW barium vapor laser 94354
Kalinin, V.A. *see* Zhgoon, S.A. 55324
Kalinka, G. Entrance window structure of a Si(Li) detector 76756
Kalinovskii, V.S. *see* Andreev, V.M. 50680
Kalinowski, H.J., Guzman, A.M. Slab waveguide three-level model for an optical amplifier 83037
Kalinowski, H.J., Guzman, A.M. Modeling of optical fiber sensors by beam propagation 87210
Kalinowski, J. *see* Petrin, M. 53498
Kalish, R., Uzan-Saguy, C., Samoiloff, A., Locher, R., Koidl, P. Doping of polycrystalline diamond by boron ion implantation 55697
Kalish, R. *see* Cytermann, C. 71295
Kalisher, M.H. *see* Hamilton, W.J. 88060
Kalisher, M.H. *see* Hamilton, W.J. 98576
Kalisky, Y., Rotman, S.R., Boulon, G., Pedrini, C., Brenier, A. Spectroscopic properties, energy transfer dynamics, and laser performance of thulium-holmium doped laser systems 94423
Kaliteevsky, N.A., Semenov, V.E., Glezer, V.D., Gauselman, V.E. Algorithm of invariant image description by the use of a modified Gabor transform 84721
Kalitenko, V.A. *see* Zhabitenko, N.K. 71863
Kalitzova, M. *see* Vitali, G. 62160
Kaliyugavaradan, S., Sankaran, P., Murti, V.G.K. Application of reciprocal time generation technique to digital temperature measurement 58909
Kalkani, E.C. Priority indices for hydro power-plant refurbishment 78497
Kalkani, E.C., Stefanakos, J., Moutans, N.J. Hydro development of Greece's Acheloos and Aliakmon rivers 78483
Kalkhoran, N.M. *see* Soref, R.A. 82697
Kalkhoran, N.M. *see* Wei, H.F. 93444
Kalkstein, E.W. *see* Ball, G.J. 78722
Kalkur, T.S. Characteristics of barium magnesium fluoride (BMF) based MIS capacitors and MFSFETs 82182
Kalkur, T.S. *see* Shayan Zhang 70384
Kalkur, T.S. *see* Shayan Zhang 70710
Kalkur, T.S. *see* Shayan Zhang 91973
Kallay, E. *see* Barac, T. 97209
Kallberg, A. *see* Abrahamsson, K. 76307
Kallberg, A. *see* Danared, H. 67255

Kallel, S. Efficient hybrid ARQ protocols with adaptive forward error correction 51831
Kallel, S. *see* Alamouti, S.M. 64316
Kallel, S. *see* Bonek, P. 96866
Kallergi, M. *see* Li, H. 76961
Kallergi, M. *see* Wei Qian 53374
Kallfass, T. *see* Benzel, H.W. 97926
Kallio, T. *see* Kormano, M. 66016
Kalliojarvi, K., Astola, J. Required coefficient word length in floating-point and logarithmic digital filters 57524
Kallman, J.S. *see* Hawkins, R.J. 50796
Kallman, K., Davis, G. Jitter performance of a baseband sampled code tracking loop 97039
Kallman, R.R. An algorithm to choose which pixels to zero out in a zero and phase filter 51499
Kallman, R.R., Goldstein, D.H. Phase-encoding input images for optical pattern recognition 74322
Kallmerten, A., Kraas, H.-J., Schmidt, J. Telematics for rail-related traffic 75014
Kallur, V.A. *see* Jana, P. 54980
Kalluri, D.K., Rao, T.C.K. Filter characteristics of periodic chiral layers 57106
Kallyugavaradan, S., Sankaran, P., Murti, V.G.K. Hardware linearization of thermistor response using series-parallel resistors for temperature-to-time conversion 66276
Kalman, L.S. *see* Vaughn, V.D. 96086
Kalman, R.F., Fan, J.C., Kazovsky, L.G. Dynamic range of coherent analog fiber-optic links 75475
Kalman, R.F., Kazovsky, L.G. Demonstration of an analog heterodyne interferometric phase-modulated (HIPM) link 97298
Kalman, R.F. *see* Fan, J.C. 86459
Kalman, R.F. *see* Fong, T.K. 52591
Kalmase, G.M., Patil, P.B. Finite element analysis of triangular patch microstrip resonator with shape deformation 92502
Kalnibolotskij, Y.M. *see* Yakymakha, O.L. 71637
Kalnins, J. *see* Celata, C.M. 87832
Kalnitsky, A., MacNaughton, R., Li, J. Effect of low temperature (<900°C) RTA on the conductivity of As-implanted layers and metal to p^+ contact resistance 71269
Kalogeropoulos, N.D. *see* Hou, X. 65436
Kalogeropoulos, N.D. *see* Venieris, I.S. 52533
Kalogiratou, Z. *see* Williams, J. 48840
Kalomiros, J.A. *see* Hanias, M.P. 71139
Kalonji, N., Semo, J. High efficiency, long working distance laser diode to singlemode fibre coupling arrangement 56370
Kalonji, N. *see* Nakajima, H. 83174
Kalosha, E.P. *see* Zakrevskii, L.A. 80208
Kalosha, V.P., Kalashnikov, V.L., Mikhailov, V.P., Poloyko, I.G. Self-mode locking of CW solid-state lasers by Kerr self-focusing 73114
Kalosha, V.P. *see* Kalashnikov, V.L. 56689
Kalosha, V.P. *see* Kalashnikov, V.L. 63689
Kalosha, V.P. *see* Kalashnikov, V.L. 63712
Kalosha, V.P. *see* Kalashnikov, V.L. 63734
Kalosha, V.P. *see* Kalashnikov, V.L. 82971
Kalosha, V.P. *see* Kalashnikov, V.L. 83281
Kaloutsidis, N. *see* Glentis, G.-O. 64469
Kaloutsidis, N. *see* Glentis, G.O. 57495
Kaloyeros, A.E. *see* Fury, M.A. 54412
Kalpakis, K., Sherman, A.T. Probabilistic analysis of an enhanced partitioning algorithm for the Steiner tree problem in R^d 48766
Kalpakjian, K.M., Lieberman, M.A., Oldham, W.G. High frequency reactive ion etching of silylated photoresist 71321
Kalra, P.K. *see* Singh, S.N. 59694
Kalra, P.K. *see* Srivastava, K.N. 59692
Kalt, H. *see* Giessen, H. 73014
Kaltchev, D. *see* Perelstein, E. 76542
Kaltenborn, R.D., Mitchell, G. IBM-ITN Desktop News Service 96687
Kalter, H.L. *see* Ellis, W.F. 55261
Kalter, S.D. *see* Patel, D. 74824
Kaltofen, E. On computing determinants of matrices without divisions 69839
Kaltschmitt, M., Wiese, A. Potentials and costs of renewable sources of energy in the Federal Republic of Germany 68358
Kalugin, D.E. *see* Barteneva, O.A. 57735
Kalvenes, J. *see* Johnson, M.E. 69535
Kalvesten, E. *see* Lofdahl, L. 75915
Kalviainen, H. Detecting multiple moving objects by the randomized Hough transform 57801
Kalviainen, H. Motion estimation and the randomized Hough transform (RHT): new methods with gradient information 85180
Kalvius, G.M. *see* Munch, K.-H. 76851
Kalyanapala, M. *see* Kularatna, A.D.V.N. 96328
Kalyanasundaram, P., Sethi, A.S. Interoperability issues in heterogeneous network management 85502
Kal'yanov, E.V., Kislov, A.V. Bifurcations stimulated by an external signal in an oscillation with retardation 80173
Kalyashova, Z.N., Galina, E.R., Kusilin, Yu.E., Mikhailova, A.G., Pavlov, A.P., Tyutchev, M.V. The large format relief-phase HOEs on DCG 56971
Kalyashova, Z.N., Michailova, A.G., Travnikova, N.L., Shevchenko, N.P. Ion treatment of relief-phase holograms on dichromated gelatin 56970
Kalyashova, Z.N., Sabinin, V.E., Korolev, V.I., Mesnyankin, E.P. Manufacture of diffractive structures in metal and semiconductor thin films by pulse laser irradiation 63529
Kalyashova, Z.N., Sabinin, V.E., Korolev, V.I., Mesnyankin, E.P. Manufacture of diffractive structure in Sb_2S_3 film by pulse laser irradiation 73142
Kalygina, V.M. *see* Maksimova, N.K. 93071
Kalymnios, D. Linear and scalable optical sensing technique for displacement 87517
Kalymnios, D. *see* Bougas, V. 63485
Kalyoncu, H. *see* Sankur, B. 51829
Kalyuzhnyi, A.Ya. Ray representation of a sonar field in a layered inhomogeneous medium for complicated motion of receiver-transmitter antenna systems 75661
Kam, M. *see* Chang, W. 51543
Kam, M. *see* Chang, W. 73945
Kam, M. *see* Goffer, A.P. 73552
Kam, M. *see* Wei Chang 73962
Kam, M. *see* Zhu, Q. 83919
Kam, P.Y., Tay, S.Y. Adaptive reception of MPSK on fading channels 65678
Kam, R.A.Vander *see* Vander Kam, R.A.
Kam Pooi Yuen *see* Pooi Yuen Kam
Kam Wa, P.Li *see* Li Kam Wa, P.
Kam Wong *see* Lew, M.S. 84736
Kam-Wing Chai, Zhan-Ming Li, McAlister, S.P., Simmons, J.G. Numerical drift-diffusion simulation of Auger hot electron transport in InGaAsP/InP double heterojunction laser diodes 72837
Kamabe, H. Irreducible components of canonical diagrams for spectral nulls 95582
Kamada, C. *see* Hatta, Y. 75442
Kamada, H. *see* Ono, M. 98854
Kamada, H. *see* Yamanaka, T. 81275
Kamada, K. *see* Sasaki, K. 94580
Kamada, M. Total measurement action program in electronics enterprises 90913
Kamada, M. *see* Toraichi, K. 64562
Kamada, O., Minemoto, H., itoh, N. Magneto-optical properties of $(BiGdY)_3Fe_5O_{12}$ for optical magnetic field sensors 75937
Kamada, S. *see* Oku, Y. 67509
Kamada, T. *see* Hirao, T. 82107
Kamada, T. *see* Kumada, M. 68748
Kamadolli, S., Piszcz, A., Zhou, L., Lazzarini, A., Costello, M., Naser, J., Lipton, S. Automated recognition of hand lettered text 68354
Kamae, T., Kishimoto, T. Visual communication and digital video 74812
Kamae, T. *see* Sekimoto, Y. 67333
Kamae, T. *see* Takahashi, T. 76760
Kamae, T. *see* Tsukada, K. 67377
Kamakura, T. *see* Aoki, K. 86800
Kamakura, Y. *see* Abramo, A. 81195
Kamal, A., Russel, P.St.J. Physical origins and general dielectric tensor of photoinduced anisotropy in optical fibers and bulk glasses 82579
Kamal, A. *see* Russell, P.St.J. 63974
Kamal, A.E. A scheme for the management of isochronous and asynchronous bandwidth in ring networks 65338
Kamal, A.E. The multi-token ring network protocol 85737
Kamal, A.E., Bissonauth, A. Priority mechanism for the DQDB network 51823
Kamal, A.E., Hassanein, H.S. Analysis of collision-avoidance star LANs 74962
Kamal, A.E., Wong, J.W., Hassanein, H.S. An algorithm for slot reuse in DQDB networks with erasure nodes 51846
Kamal, A.E. *see* Hassanein, H.S. 52138
Kamal, A.E. *see* Mukherjee, B. 52171
Kamal, A.H.M., Nomura, S., Endoh, T. Modified constant-current anodization. A promising mechanism for minimizing interface states in the silicon/silicon-oxide system of an anodic oxide film 71090
Kamalasanan, M.N. *see* Kumar, N.D. 79928
Kamalian, R.R. *see* Asratian, A.S. 79596
Kamano, T., Suzuki, T., Urushihara, S., Harada, H., Kataoka, Y. Linear DC motor position servo system using adaptive feedforward control 90010
Kamano, T., Suzuki, T., Yoshida, T., Harada, H., Kataoka, Y. Modeling of induction motor driven by voltage-fed inverter and speed control system 89930
Kamashchenko, V.N. *see* Bobrenko, Yu.N. 69010
Kamasz, S.R., Farrier, M.G., Ma, F., Sabila, R., Chamberlain, S.G. A high frame rate, motion compensated 25.4 megapixel image sensor 66471
Kamasz, S.R., Farrier, M.G., Smith, C.R. Characterization and modelling of CCD devices on high-resistivity silicon substrates 66464
Kamat, P. *see* Cain, M. 85588
Kamat, P.V. *see* Bedja, I. 63549
Kamat, S., Agrawal, G., Wei Zhao On available bandwidth in FDDI-based reconfigurable networks 65337
Kamat, S. *see* Wei Zhao 58132
Kamat, V., Ganesan, S. An algorithm for vehicle identification using digital signal processors 74545
Kamata, A., Mitsuhashi, H. Characterization of ZnSSe on GaAs by etching and X-ray diffraction 91460
Kamata, H. *see* Hiroi, A. 64566
Kamata, H. *see* Houya, T. 84576
Kamata, K., Tanokami, T., Inagaki, S. User-interface of ISDN videophone for the hearing impaired 65197
Kamata, S.-I., Kawaguchi, E. Application of neural network approach to classify multi-temporal Landsat images 77215
Kamata, T. *see* England, J. 71291
Kamataki, O. *see* Saitoh, T. 56509
Kamatani, M. *see* Kasa, N. 90520
Kamatani, O., Kawanishi, S., Saruwatari, M. Prescaled 6.3 GHz clock recovery from 50 Gbit/s TDM optical signal with 50 GHz PLL using four-wave mixing in a travelling-wave laser diode optical amplifier 58404
Kamatani, O. *see* Kawanishi, S. 58399
Kamatani, O. *see* Kawanishi, S. 65782
Kamatani, O. *see* Kawanishi, S. 97229
Kamath, K.K. *see* Arbab Tafti, H. 50836
Kamath, M. *see* Ayyagari, M. 87305
Kamath, M. *see* Marx, K.A. 79995
Kamath, M. *see* Samuelson, L.A. 66518
Kamath, V. Air injection and convection cooling of multi-chip modules: a computational study 91077
Kamath, Y.H., Smilan, R.E., Smith, J.G. Reaping benefits with object-oriented technology 54443
Kamayeva, M.Ye. *see* Sindler, Yu.B. 84340
Kambara, H. *see* Anghinolfi, F. 88228
Kambara, H. *see* Anghinolfi, F. 98663
Kambara, H. *see* Bates, S.J. 53308
Kambara, H. *see* Borer, K. 53347
Kambara, H. *see* Borer, K. 98687
Kambayashi, N. *see* Abe, H. 61488
Kambayashi, N. *see* Iwahashi, M. 95890
Kambe, S. *see* Okuyama, K. 76102
Kambe, T. *see* Fujimoto, T. 62931
Kambe, T. *see* Shigehiro, Y. 62958
Kambersky, V. *see* Abelmann, L. 53028
Kambhamettu, C., Goldgof, D.B., He, M. Determination of motion parameters and estimation of point correspondences in small nonrigid deformations 84706
Kambulov, V.F. Resonance properties of telegraph equations as a source of relaxation oscillations 80174
Kame, T., Ishihara, F. A decreasing method of residual distortion for delay equalizer by using characteristic impedance constant type tapered waveguide 80593
Kameari, A. *see* Niikura, S. 83489
Kameda, H., Yuzawa, G., Ichikawa, Y. Development of a response analysis program of various protective relay systems 89379
Kameda, H. *see* Betini, R.C. 96623
Kameda, K. *see* Yoshikawa, M. 97359
Kamegawa, M. *see* Konishi, Y. 76181
Kamegawa, M. *see* Rodwell, M.J.W. 72643
Kamei, H. *see* Hori, Y. 78663
Kamei, K. *see* Kawata, M. 78640
Kamei, M., Yagami, T., Takaki, S., Shigesato, Y. Heteroepitaxial growth of tin-doped indium oxide films on single crystalline yttria stabilized zirconia substrates 54830
Kamei, M. *see* Yagi, H. 58831
Kamei, Y. *see* Katakura, K. 65227
Kamel, A.H. On the accuracy of absorbing boundary conditions for wave propagation 57091
Kamel, A.H. Cost-effective schemes for the numerical simulation of electromagnetic waves 64120
Kamel, M., Quintana, Y. Generation of concept hierarchies for engineering knowledge based systems 70226
Kamel, M.H. *see* El Tawil, M.A. 91180
Kamel, M.S., Shen, H.C., Wong, A.K.C., Hong, T.M., Campeanu, R.I. Face recognition using perspective invariant features 84829
Kamel, N. An integrated approach to shared synchronous groupware workspaces 96778
Kamel, R.E., Bar-Ness, Y. Blind maximum likelihood sequence estimation of digital sequences in presence of intersymbol interference 51146
Kamel, R.E., Bar-Ness, Y. Blind decision feedback equalization using the decorrelation criterion 74135
Kamel, T., Abdel-Baki, N. Introducing Internet to Egypt: experiences and challenges 96647
Kamemaru, S., Baba, T. Pattern recognition system by a matched spatial filter and neural networks for imperfect input characters 51581
Kamen, E.W. *see* Song, C. 59626
Kamenetskii, E.O. Spectral method for modes excitation problem in anisotropic waveguides 83773
Kamenitsa, D. *see* Shyh-Horng Yang 81440
Kamenskii, M.S. *see* Fel'dman, Yu.I. 68651
Kamenskikh, I.A., MacDonald, M.A., Makhov, V.N., Mikhailin, V.V., Munro, I.H., Terekhin, M.A. Fast crystalline scintillators for high counting rate X-ray detectors 88042
Kamenskiy, S.N. *see* Verbitskiy, I.L. 83771
Kamerewerd, F.J. *see* Knobloch, J. 100470
Kamermans, R. *see* Bootsma, T.M.V. 98638
Kameyama, A. *see* Inoue, T. 88885
Kameyama, F.H. *see* Burani, G.F. 89222
Kameyama, I. *see* Kagata, H. 82106
Kameyama, J. *see* Kurachi, M. 79021
Kameyama, M. *see* Fujioka, Y. 49499
Kameyama, M. *see* Fujioka, Y. 80390

Kameyama, M. *see* Hanyu, T. 55225
Kameyama, M. *see* Hariyama, M. 80388
Kameyama, M. *see* Nakajima, M. 55245
Kameyama, M. *see* Sasaki, Y. 80389
Kameyama, M. *see* Sasaki, Y. 92290
Kameyama, M. *see* Sawano, Y. 80387
Kameyama, T. *see* Ohshima, K. 54268
Kameyama, W. *see* Hanamura, T. 95725
Kameyama, W. *see* Iwahashi, M. 95890
Kamezaki, N. *see* Sasaki, H. 61834
Kamga, C.T., Kofane, T.C. Gap solitons in anharmonic one-dimensional asymmetrical physical systems with Kac-Baker long-range interactions 94583
Kamgar, A., Hillenius, S.J., Baker, M.R., Nakahara, S., Chang, C.P., Chong-Cheng Fu, Fritzinger, L.B., Giniecki, L. An integrated isolation/gate process for sub-quarter micron technologies 71820
Kamgar-Parsi, B. *see* Johnson, B. 99370
Kamh, S.A., Soliman, F.A.S. Self autonomous oscillator: design, characterization, modeling and computer analysis based on NDR devices 80168
Kamibayashi, N. *see* Kondoh, A. 77526
Kamichika, R. *see* Ishiyama, M. 69236
Kamifurutono, H. *see* Senjyu, T. 90109
Kamifurutono, H. *see* Senjyu, T. 100179
Kamifurutono, H. *see* Senjyu, T. 100364
Kamigaito, O. Design of a variable frequency RFQ linac for RILAC 59007
Kamigaito, O., Goto, A., Miyazawa, Y., Chiba, T., Hemmi, M., Kase, M., Yang, Y. Design of a new type of variable-frequency radio-frequency quadrupole linac with a folded-coaxial resonator 59029
Kamigaki, K. *see* Terauchi, H. 91503
Kamigaki, Y. *see* Hashimoto, T. 71666
Kamigaki, Y. *see* Minami, S. 92201
Kamihashi, S. *see* Takasu, H. 80852
Kamijima, A. *see* Noguchi, K. 71933
Kamijo, A., Mitsuzuka, T. Highly preferred Al[111] films for high-frequency surface acoustic wave devices 63120
Kamijo, K., Matsui, T., Mutou, K. An experimental compact Hi-Vision VCR using metal evaporated tape 52729
Kamijo, M. Classifying fingerprint images using neural network: deriving the classification state 64840
Kamijo, M., Aihara, S.-I. Identification for complicated shape objects by using stochastic fractal variables. Categorizing dust particles on LSI wafer surface 82014
Kamijoh, T. *see* Katoh, Y. 72924
Kamijoh, T. *see* Wada, H. 93042
Kamikado, T., Okuda, M., Ito, S., Saito, K., Kawate, Y. Development of the superconducting magnet system for a bioreactor 88565
Kamikado, T., Taneda, M., Ozaki, O., Sugimoto, M., Murakami, Y., Yoshikawa, M., Matsumoto, K., Ogawa, R., Kawate, Y. Development of the 19 T high field magnet system 82447
Kamikawa, N., Ching-Ten Chang A quasi-single mode optical fiber for long-haul transmission in severe bending environments 52570
Kamikawara, T. *see* Iguchi, M. 63346
Kamikubota, N. *see* Ohsawa, S. 76312
Kamilov, I.K. *see* Aliev, S.M. 56231
Kamimura, K., Kanai, H., Chubachi, N. Design of digital filters and their evaluation for high speed and high accuracy weight measurement in production line 67935
Kamimura, M., Kawaguchi, M., Tohma, T., Takeda, M., Fujiwara, K., Adachi, M. "GEOTAIL" geomagnetic tail observation satellite 59459
Kamimura, M. *see* Tanaka, Y. 88627
Kamimura, S. *see* Abe, H. 97599
Kamimura, T. *see* Kato, M. 85472
Kamimura, Y. *see* Watanabe, S. 99003
Kaminar, N., McEntee, J., Stark, P., Adkins, L., Lapson, B., Curchod, D. Cost-effective concentrator progress 100722
Kaminar, N., McEntee, J., Stark, P., Lapson, B. Manufacture of the SEA Powergrid 90427
Kaminar, N. *see* King, R.R. 100631
Kaminishi, S. *see* Okamoto, Y. 61411
Kamino, M. *see* Niki, K. 66250
Kaminow, I.P. *see* Glance, B. 72384
Kaminow, I.P. *see* Zirngibl, M. 86475
Kamins, T.I. *see* Carns, T.K. 71138
Kamins, T.I. *see* Vook, D. 61908
Kaminska, A. Capacitance influence on current zero region processes in thermal arc 90229
Kaminska, B. *see* Abderrahman, A. 49337
Kaminska, B. *see* Amellal, S. 49212
Kaminska, B. *see* Arabi, K. 92332
Kaminska, B. *see* Fares, M. 70438
Kaminska, B. *see* Fares, M. 79287
Kaminska, B. *see* Jamoussi, M. 49224
Kaminska, B. *see* Lejmi, S. 92047
Kaminska, B. *see* Slamani, M. 49520
Kaminska, E., Piotrowska, A., Mizera, E., Dynowska, E. Evolution of the microstructure of Au(Zn) metallization during formation of an ohmic contact to p-type GaAs 62528
Kaminski, D. *see* Degeneff, R.C. 78682
Kaminski, J.P. *see* Allen, S.J. 71163
Kaminski, J.P. *see* Guimaraes, P.S.S. 49797
Kaminski, J.P. *see* Scott, J.S. 62673
Kaminski, P., Kozlowski, R., Nossarzewska-Orlowska, E., Sarnecki, J. Deep-level defects in epitaxial silicon for VLSI technology 81213
Kaminski, R. *see* Garbe, H. 74758
Kaminskii, A.A., Mironov, V.S., Bagaev, S.N., Khaidukov, N.M., Joubert, M.F., Jacquier, B., Boulon, G. Spectroscopy and laser action of anisotropic single-centered $LiKYF_5:Nd^{3+}$ crystals grown by the hydrothermal method 94438
Kaminskii, A.A. *see* Eichler, H.J. 56677
Kaminskii, A.A. *see* Eichler, H.J. 72759
Kaminskii, V.E. *see* Ignat'ev, A.S. 71729
Kaminskii, V.L. *see* Artemenko, S.N. 82350
Kaminsky, E.J., Kalcic, M.T. Evaluation of multibeam sonar data collected by DOLPHIN 77558
Kamio, H., Matsuura, H., Masai, Y., Nitta, T. Multimodal dialogue system MultiksDial 95267
Kamio, K., Sampei, S. Performance of a trellis-coded 16QAM/TDMA system for land mobile communications 75328
Kamio, Y. *see* Kinoshita, N. 86155
Kamioka, I. *see* Kuroki, H. 93247
Kamisada, Y., Koizumi, T., Satou, M., Yamada, Y. R&D of Ag-sheathed Bi-2223 superconducting tapes 82322
Kamisada, Y. *see* Miyake, S. 68255
Kamisada, Y. *see* Mizomata, Y. 93915
Kamisaki, T. *see* Yoshimura, O. 61620
Kamisako, K. *see* Nagayoshi, H. 55753
Kamisako, K. *see* Sawado, Y. 48968
Kamisawa, A. *see* Nakamura, T. 82158
Kamisawa, A. *see* Nakamura, T. 91551
Kamisawa, A. *see* Nakao, Y. 91554
Kamishima, Y., Kishimoto, K., Saito, T., Satoh, H., Ichihara, H., Kawauchi, Y., Inoue, S., Okamoto, K., Okada, S., Sakamoto, S. S-interface controller and rate adaptor for ISDN terminal adaptor 65493
Kamitani, T., Choi, J.-Y., Enomoto, A., Ohsawa, S., Ogawa, Y., Urano, T., Suwada, T., Furukawa, K., Sato, I. A simulation study on beam bunching in the KEK 2.5-GeV linac new pre-injector 87822
Kamitani, T. *see* Enomoto, A. 67005
Kamitani, T. *see* Ogawa, Y. 76617
Kamitani, T. *see* Ohsawa, S. 76312
Kamitsuna, H., Ogawa, H. Monolithic image-rejection optoelectronic up-converters that employ the MMIC process 50696
Kamiura, N., Hata, Y., Yamato, K. A repairable and diagnosable cellular array on multiple-valued logic 49262
Kamiura, N., Hata, Y., Yamato, K. Design of fault-tolerant cellular arrays on multiple-valued logic 55248
Kamiya, A. *see* Suyama, M. 82818
Kamiya, A. *see* Suyama, M. 94271
Kamiya, E. *see* Mori, S. 70518
Kamiya, E. *see* Sakagami, E. 61697
Kamiya, E. *see* Yamaguchi, Y. 70498
Kamiya, I. Optical monitoring of growth surfaces—reflectance-difference spectroscopy 54927
Kamiya, K. *see* Kiyotake, K. 65815
Kamiya, K. *see* Momose, M. 81110
Kamiya, K. *see* Yoshikawa, K. 87506
Kamiya, M. *see* Okuno, S. 98559
Kamiya, M. *see* Saitoh, Y. 59075
Kamiya, M. *see* Saitoh, Y. 71780
Kamiya, M. *see* Saitoh, Y. 88124
Kamiya, M. *see* Saitoh, Y. 98580
Kamiya, S. *see* Nakamura, T. 94891
Kamiya, T. *see* Kato, A. 93302
Kamiya, T. *see* Matsunaga, Y. 94552
Kamiya, T. *see* Nakasima, H. 91569
Kamiya, T. *see* Saitoh, Y. 59022
Kamiya, T. *see* Takahashi, R. 72450
Kamiya, T. *see* Thedrez, B. 56814
Kamiya, Y. *see* Katsura, T. 76327
Kamiya, Y. *see* Koseki, T. 67108
Kamiya, Y. *see* Kudo, H. 67212
Kamiya, Y. *see* Shinoe, K. 76485
Kamiya, Y. *see* Shinoe, K. 76498
Kamiyama, E., Terashima, M., Toyama, K., Yoshida, N., Yamamoto, S., Iwata, N. State of development of high temperature and high pressure type power generation refuse boiler 89634
Kamiyama, H. *see* Nishiyama, N. 94316
Kamiyama, K., Sukegawa, T. Technical trends toward new industrial motor drives in Japan 90546
Kamiyama, K. *see* Kawakami, N. 60524
Kamiyama, N., Ohta, C., Tode, H., Yamamoto, M., Okada, H. A virtual STM transmission method based on ATM network 64987
Kamiyama, S., Monnoh, M., Ohnaka, K., Uenoyama, T. Studies of threshold current dependence on compressive and tensile strain of 630 nm GaInP/AlGaInP multi-quantum-well lasers 72821
Kamiyama, S., Suzuki, H., Lesaicherre, P.-Y., Ishitani, A. Highly reliable ultra-thin tantalum oxide capacitors for ULSI DRAMs 49435
Kamiyama, S., Suzuki, H., Watanabe, H., Sakai, A., Kimura, H., Mizuki, J. Ultrathin tantalum oxide capacitor process using oxygen-plasma annealing 55438
Kamiyama, S., Suzuki, H., Watanabe, H., Sakai, A., Oshida, M., Tatsumi, T., Tanigawa, T., Kasai, N., Ishitani, A. Ultra-thin $TiN/Ta_2O_5/W$ capacitor technology for 1 Gbit DRAM 93536
Kamiyama, S., Uenoyama, T., Mannoh, M., Ban, Y., Ohnaka, K. Analysis of GaInP/AlGaInP compressive strained multiple-quantum-well laser 72854
Kamiyama, S., Uenoyama, T., Mannoh, M., Ohnaka, K. Strain effect on 630 nm GaInP/AlGaInP multi-quantum well lasers 63759
Kamiyama, S., Uenoyama, T., Mannoh, M., Ohnaka, K. Effect of spin-orbit split-off bands on GaInP/AlGaInP strained quantum well lasers 94505
Kamiyama, S. *see* Kidoguchi, I. 63861
Kamiyama, S. *see* Mannoh, M. 63860
Kamiyama, S. *see* Okubo, M. 100778
Kamizato, T. *see* Shima, A. 72907
Kamli, M., Abe, M. Modeling and analysis of a half-bridge IGBT inverter for high-frequency induction heating applications 60622
Kammer, H. Electrooptics in educational physics: basic demonstration-experiments with a TFC-device 82711
Kammereck, T. *see* von Schickfus, M. 66526
Kammeyer, K.-D. Time truncation of channel impulse responses by linear filtering: A method to reduce the complexity of Viterbi equalization 95495
Kammlott, G.W. *see* McCormack, M. 49764
Kammlott, G.W. *see* McCormack, M. 79971
Kamo, N. *see* Kurosawa, S. 66509
Kamo, T. *see* Ito, S. 71463
Kamo, T. *see* Kanai, T. 82343
Kamogawa, K. *see* Tokumitsu, T. 80808
Kamogawa, K. *see* Tokumitsu, T. 80814
Kamogawa, N. *see* Yamashita, K. 97253
Kamon, K. *see* Nakatani, M. 71469
Kamon, M., Ttsuk, M.J., White, J.K. FASTHENRY: a multipole-accelerated 3-D inductance extraction program 79349
Kamoshita, Y. Developers design machinery to slice ultra-thin silicon wafers precisely 69527
Kamoua, R., Eisele, H., Haddad, G.I., Munns, G., Sherwin, M. Development of an appropriate model for the design of D-band InP Gunn devices 61920
Kamoun, F., Ali, M.M. Statistical analysis of the traffic generated by the superposition of N independent interrupted Poisson processes 74650
Kamoun, F., Sassi, M.B. Computer communication for developing countries 85791
Kamoun, M.B.A. *see* Derbel, N. 60186
Kamoun, M.B.A. *see* Krichen, L. 78579
Kamoun, S. *see* Bourassa, S. 86592
Kamp, D.W.van de *see* van de Kamp, D.W.
Kamp, J.-F. Analysis of an electronic ballast 54250
Kamp, M., Morsch, G., Graber, J., Luth, H. Te doping of GaAs using diethyl-tellurium 81428
Kamp, M.M.J.L.van de *see* van de Kamp, M.M.J.L.
Kamp, W.L.van de *see* van de Kamp, W.L.
Kamp, Y. *see* Changxue Ma 51389
Kampas, F. *see* Jianping Xi 100527
Kampe, J., Scarbata, G. Automated synthesis of analogue system components for prestructured layout arrangements 80512
Kampen, H.S.M.van *see* van Kampen, H.S.M.
Kampen, R.P.van *see* van Kampen, R.P.
Kamper, M.J., Volsdhenk, A.F. Effect of rotor dimensions and cross magnetisation on L_d and L_q inductances of reluctance synchronous machine with cageless flux barrier rotor 69104
Kamper, M.J. *see* Jobing, R. 78857
Kampers, F.W.H. *see* Balendonck, J. 77120
Kampert, K.-H., Bohne, E.-M., Claussen, A., Berger, F., Bock, D., Glasow, R., Heine, N., Mau, P., Peitzmann, T., Purschke, M., Santo, R., Steffens, K., Stuken, D., Awes, T.C., Young, G.R. A high resolution BGO calorimeter with longitudinal segmentation 98503
Kamphuis, C. *see* Beekman, F.J. 88439
Kampke, T. A separation decomposition for orders 48767
Kampschoer, G.L.M. *see* Larsen, P.K. 56105
Kampschulte, U. *see* Apel, P. 53339
Kamra, S. *see* Chou, H.C. 90384
Kamra, S. *see* Chou, H.C. 100506
Kamra, S. *see* Rohatgi, A. 90436
Kamshilin, A.A., Liu, S., Tuovinen, H., Prokofiev, V.V., Jaaskelainen, T. Holographic recording of complex images by double phase conjugation in $Bi_{12}TiO_{20}$ fiberlike crystal 64021
Kamshilin, A.A., Tuovinen, H., Prokofiev, V.V., Jaaskelainen, T. Coupling of mutually incoherent beams in photorefractive $Bi_{12}TiO_{20}$ fiber 63988
Kamshilin, A.A. *see* Miridonov, S.V. 73161
Kamuz, A.M., Luk'yanov, S.V., Oleksenko, P.F., Stril'chuk, O.N. Research on the dependence of diffractive losses of CdS microlaser generating modes on the parameters of waveguide resonator 72951
Kamuz, A.M., Pocherpailo, A.I., Svechnicov, S.V., Stril'chuk, O.N. Some distinctions of diffractive grating writing on the platelet CdS single crystal 72534
Kamuz, A.M. *see* Batin, V.V. 72835
Kamuz, A.M. *see* Kiyashko, S.D. 72409

Kamwa, I., Viarouge, P. On equivalent circuit structures for empirical modeling of turbine-generators 89831
Kamwa, I., Viarouge, P., Le-Huy, H. Experiences of recursive identification applied to electrical machines 100170
Kamwa, I., Viarouge, P., Mahfoudi, R. Phenomenological models of large synchronous machines from short-circuit tests during commissioning—a classical/modern approach 60187
Kamwa, I. *see* Ferfra, M. 89957
Kamwa, I. *see* Gagnon, R. 89800
Kamwa, I. *see* Tahan, S.-A. 89853
Kamwa, I. *see* Viarouge, P. 68551
Kamwa, I. *see* Viarouge, P. 90123
Kamyshkov, Y. *see* Arrington, K. 88112
Kamyshkov, Y. *see* Arrington, K. 98564
Kamyshkov, Y. *see* Brown, D. 59084
Kamyshkov, Y. *see* Young, K.G. 76765
Kamzin, A.S., Kuz'micheva, T.G., Ol'khovik, L.P. Grain size and cation distribution in ferrite powders synthesized by unconventional methods 72057
Kan, F.W. *see* Antebi, J. 66012
Kan, F.W. *see* Ingalls, R.P. 58532
Kan, H. *see* Xiuying, G. 61264
Kan, H. *see* Xiuying Gong 56525
Kan, H. *see* Yamaguchi, T. 62232
Kan, M. *see* Kojima, S. 60003
Kan, S. *see* Kwong, S. 73673
Kan, T. *see* Ajiro, M. 77262
Kan-Lee Liou *see* Chu, R.F. 68147
Kan-Sen Chou, Gin-Kai Liu Effects of excess zinc on the structure of reactively sputtered zinc oxide films 49008
Kanabe, T. *see* Kato, Y. 50730
Kanada, Y. *see* Ueda, T. 87576
Kanade, T., Okutomi, M. A stereo matching algorithm with an adaptive window: theory and experiment 84740
Kanade, T. *see* Kemmotsu, K. 52962
Kanagawa, A. *see* Ohuchi, S. 79489
Kanagawa, Y. *see* Itoh, K. 80193
Kanai, H., Hori, T., Chubachi, N., Ono, T. Delayed block transfer function in the frequency domain 74072
Kanai, H., Kawabe, K., Takano, M., Murata, R., Chubachi, N., Koiwa, Y. New method for evaluating local pulse wave velocity by measuring vibrations on arterial wall 53370
Kanai, H., Yoshiki, M., Hayashi, M., Kuwae, R., Yamashita, Y. Grain-boundary-phase identification of a lead-based relaxer by X-ray photoelectron spectroscopy 82103
Kanai, H. *see* Hamamoto, T. 92209
Kanai, H. *see* Harata, K. 92903
Kanai, H. *see* Kamimura, K. 67935
Kanai, H. *see* Sato, Y. 56132
Kanai, H. *see* Satoh, H. 53381
Kanai, K. *see* Yamaguchi, T. 92820
Kanai, M. *see* Shibayama, A. 81735
Kanai, T. Trends and the future of cellular phone technology 86080
Kanai, T., Inoue, N., Kamo, T. Effect of oxygen partial pressure and melting temperature on Ag sheathed Bi-2212 wires 82343
Kanai, Y., Iizuka, M. Read-write characteristics of dual-sided metal-in-gap heads with various media 72163
Kanai, Y., Ogawa, K. Modeling of magnetic recording heads for 2-D and 3-D finite element analysis 82275
Kanai, Y., Shimizu, M., Uchida, H., Nakahara, H., Zhou, C.G., Maekawa, H., Katsube, T. Integrated taste sensor using surface photovoltage technique 98123
Kanai, Y. *see* Iizuka, M. 50264
Kanai, Y. *see* Kuriyama, T. 50266
Kanai, Y. *see* Shimizu, M. 98124
Kanamaluru, S., Li, M., Carroll, J.M., Phillips, J.M., Naugle, D.G., Chang, K. Slotline ring resonator test method for high-T_c superconducting films 82336
Kanamaluru, S. *see* Carroll, J.M. 73525
Kanamaluru, S. *see* Li, M.-Y. 73537
Kanamaru, Y. *see* Hidai, T. 97428
Kanamori, H. *see* Fukuda, C. 75512
Kanamori, H. *see* Ozaki, Y. 49037
Kanamori, J. *see* Miyakawa, Y. 55804
Kanamori, K., Hisamune, Y.S., Kubota, T., Suzuki, Y., Tsukiji, M., Hasegawa, E., Ishitani, A., Okazawa, T. A high capacitive coupling ratio (HiCR) cell for single 3 volt power supply flash memories 92205
Kanamori, K., Kotera, H., Yamada, O., Motomura, H., Iikawa, R., Fumoto, T. Fast color processor with programmable interpolation by small memory (PRISM) 52785
Kanamori, K. *see* Fumoto, T. 64747
Kanamori, K. *see* Hisamune, Y.S. 92186
Kanamori, K. *see* Oyama, K. 61728
Kanamori, K. *see* Takeshima, T. 61701
Kanamori, K. *see* Takeshima, T. 92226
Kanamori, M., Ishihara, Y., Todaka, T. An optimum design technique for a passive electromagnetic damper 51048
Kanamori, M. *see* Hatsumura, T. 80697
Kanamori, O., Sugiyama, Y. A new series of private residential elevators 78922
Kanamori, S. *see* Shiono, N. 48730
Kanamori, T. *see* Asobe, M. 56908
Kanamori, T. *see* Ohishi, Y. 63699
Kanamori, T. *see* Ohishi, Y. 72729
Kanamori, Y. *see* Tanaka, S. 86259
Kanamoto, J. *see* Ohara, M. 58660
Kan'an, A.M., Azzam, R.M.A. In-line quarter-wave retarders for the infrared using total refraction and total internal reflection in a prism 72544
Kanao, S. *see* Enokizono, M. 56202
Kanao, S. *see* Enokizono, M. 63145
Kanao, S. *see* Enokizono, M. 63146
Kanao, S. *see* Enokizono, M. 83473
Kanaoka, T. *see* Ohsato, M.H. 100339
Kanaoka, T. *see* Takano, M. 64702
Kanaoka, Y. *see* Seikai, S. 97316
Kanarachos, A. *see* Antoniadis, I. 95486
Kanasaki, J., In Keun Yu, Nakai, Y., Itoh, N. Enhancement of emission of Si atoms from Si(100) surface by low-rate Br exposure: a new model of dry etching based on defect-adsorbate interaction 55818
Kanatani, K. Statistical bias of conic fitting and renormalization 51593
Kanatani, K. Renormalization for computer vision 57656
Kanatani, K. Analysis of 3-D rotation fitting 64592
Kanatani, K. Computational cross ratio for computer vision 95883
Kanatani, K. Statistical foundation for hypothesis testing of image data 96000
Kanat'ev, L.I. *see* Enikeev, G.G. 100033
Kanaya, F. *see* Muramatsu, J. 95052
Kanaya, T. *see* Nakamura, H. 98229
Kanayama, T. *see* Kakinouchi, T. 66785
Kanazawa, H., Matsuzaka, F., Uehara, M., Kasuya, K. Characteristics of a transverse-flow CO laser excited by RF-Discharge 72695
Kanazawa, H. *see* Ebina, K. 56610
Kanazawa, H. *see* Okuno, S. 98559
Kanazawa, H. *see* Saitoh, Y. 59075
Kanazawa, H. *see* Saitoh, Y. 88124
Kanazawa, H. *see* Saitoh, Y. 98580
Kanazawa, H. *see* Takebayashi, Y. 51382
Kanazawa, H. *see* Takebayashi, Y. 73859
Kanazawa, H. *see* Uehara, M. 72677
Kanazawa, K. *see* Makioka, S. 80782
Kanazawa, K. *see* Tateoka, K. 92524
Kanazawa, K.-I. *see* Suetsugu, Y. 87652
Kanazawa, M. *see* Ishigaki, H. 51961
Kanazawa, M. *see* Itano, A. 87686
Kanazawa, M. *see* Kumada, M. 68748
Kanazawa, M. *see* Miyake, Y. 51605
Kanazawa, M. *see* Murakami, T. 76296
Kanazawa, S. The current status and future prospects of KDD's international ISDN service with the focus on typical application examples 96789
Kanazawa, S., Ohkubo, T., Nomoto, Y., Adachi, T., Chang, J.S. Contamination of the discharging electrode in an air-cleaning electrostatic precipitator 64108
Kanazawa, S. *see* Kanno, I. 88150
Kanazawa, S. *see* Nomoto, Y. 62131
Kanazawa, S. *see* Ohkubo, T. 78437
Kanazumi, J. A study on the pulsation error in area-type flowmeter—effect of float shape on the pulsation error 59001
Kanba, T. Structure of the video components for user interface 75766
Kanbara, H. *see* Ooba, N. 73122
Kanbara, T. *see* Funabiki, S. 78999
Kanbara, T. *see* Yamamoto, T. 50694
Kanbe, H. *see* Chavez-Pirson, A. 73126
Kanbe, H. *see* Ishigami, T. 52945
Kanbe, H. *see* Sogawa, T. 61297
Kanbe, H. *see* Weegels, L.M. 55739
Kanbe, M. *see* Takano, M. 52118
Kanber, H. *see* Yau, W. 80827
Kanber, H. *see* Yau, W. 92586
Kancherova, E.T. *see* Syrkin, L.N. 59608
Kancleris, Z. *see* Dagys, M. 87460
Kanda, H., Akaishi, M., Yamaoka, S. New catalysts for diamond growth under high pressure and high temperature 69920
Kanda, H. *see* Ito, Y. 59615
Kanda, H. *see* Toda, A. 76209
Kanda, M. *see* Johnk, R.T. 73475
Kanda, N. *see* Fukushima, Y. 67382
Kanda, S. *see* Tesarek, R.J. 98504
Kanda, T. *see* Miyano, T. 79767
Kanda, Y. *see* Ishiyama, M. 69236
Kanda, Y. *see* Ninomiya, A. 94029
Kanda, Y. *see* Yamashita, S. 60586
Kanda, Y. *see* Yoshida, K. 94190
Kandala, C.V.K. *see* Nelson, S.O. 87612
Kandaris, P.M., Kondziolka, R.E., Rojas-Gonzalez, L.F. Aspects of construction methods and materials for transmission line foundations in arid regions 78172
Kander, R.G. *see* Namboodri, S.L. 53040
Kandic, D., Reljin, B. A class of non-canonic, driving-point immittance realizations of passive, common-ground, transformerless, two-element-kind RLC networks 61788
Kandic, D. *see* Milic, M. 70728
Kandidov, A.V. *see* Seleznev, B.V. 63266
Kandil, N. *see* Sood, V.K. 78066
Kandler, M. *see* Dudaicevs, H. 66246
Kandouci, M., Mottet, S. Modelling and optimisation of poly-Si thin film transistors for flat panel displays 81874
Kandpal, P.C. *see* Boulouard, A. 70914
Kandutsch, J. *see* Gurker, N. 98859
Kane, B.C. *see* Tu, D.-W. 80779
Kane, C.F., Krchnavek, R.R. Photodefinable benzocyclobutene as an optical waveguide material 82664
Kane, D. *see* Virojanapa, C. 91040
Kane, D.J., Taylor, A.J., Trebino, R., DeLong, K.W. Single-shot measurement of the intensity and phase of a femtosecond UV laser pulse with frequency-resolved optical gating 72995
Kane, D.J. *see* DeLong, K.W. 83240
Kane, D.M. Ti:sapphire laser cavity mode and pump-laser mode calculations 72716
Kane, D.M. *see* Lockyer, A.J. 88657
Kane, D.M. *see* Willis, A.P. 94537
Kane, J. Not many second chances [PCB development] 62013
Kane, J. *see* Crane, F.E., III 62935
Kane, J.S. *see* Khoury, J. 51711
Kane, J.S. *see* Khoury, J. 56938
Kane, M., Auriol, P. Analytical modelling of frequency parameters of lines 51032
Kane, M.G., Glesk, I., Sokoloff, J.P., Prucnal, P.R. Asymmetric optical loop mirror: analysis of an all-optical switch 96165
Kane, M.G., Sun, K.W., Lyon, S.A. Ultrafast carrier-carrier scattering among photoexcited nonequilibrium carriers in GaAs 94248
Kane, M.J. *see* Vaghjiani, H.L. 87201
Kane, S.N. *see* Kraus, L. 71994
Kane, T.J. *see* Olson, T.E. 56707
Kane, T.R. *see* Netzer, E. 99115
Kaneda, J. *see* Suzuki, T. 87513
Kaneda, K. *see* Cingoski, V. 83427
Kaneda, K. *see* Dobashi, Y. 90626
Kaneda, K. *see* Iwano, K. 79747
Kaneda, K. *see* Kato, F. 90315
Kaneda, M. *see* Genji, T. 78746
Kaneda, R. *see* Ooiwa, A. 66727
Kaneda, Y. *see* Haneda, Y. 51469
Kaneda, Y. *see* Makino, S. 51437
Kanegami, M. *see* Okubo, H. 54114
Kaneiwa, M., Okamoto, S., Yamasaki, I., Nishida, M., Nammori, T. Cell structures with low-high heterojunction of c-Si and μc-Si:H under rear contact for improvement of efficiencies 100571
Kanekiyo, H., Hirosawa, S. Improvements in the coercivity of iron-based nanocrystalline low-rare-earth Fe_3B-Nd permanent magnets 72040
Kanekiyo, H., Uehara, M., Hirosawa, S. Microstructure and magnetic properties of high-remanence $Nd_5Fe_{71.5}Co_5B_{18.5}M$ (M=Al, Si, Ga, Ag, Au) rapidly solidified and crystallized alloys for resin-bonded magnets 50211
Kanekiyo, T. *see* Kojima, H. 96779
Kaneko, A., Ito, A., Furukawa, O., Wada, T., Sasabe, H., Sasaki, K. Two-photon absorption measurements in PDA(12,8) waveguides 72402
Kaneko, A., Kuwabara, T., Wada, T., Sasabe, H., Sasaki, K. All-optical switching phenomenon in polydiacetylene (12,8) based nonlinear directional coupling 73123
Kaneko, E. *see* Mikami, Y. 53000
Kaneko, E. *see* Takahashi, M. 80386
Kaneko, F., Shinbo, K., Yamashita, K., Kato, K., Kato, S., Kobayashi, Y., Suzuki, M., Kobayashi, S. A concept of a memory and/or a sensor using microscopic behavior of organic molecules in ultrathin films 62031
Kaneko, H., Kawanoue, T., Hasunuma, M., Miyauchi, M. Reliability of single-crystal aluminum lines and its limitation 62546
Kaneko, H., Ono, H. Recently developed diagnostic and maintenance technology for substations 78754
Kaneko, H. *see* Kiryu, T. 67597
Kaneko, H. *see* Okada, T. 95863
Kaneko, H. *see* Takacs, S. 72252
Kaneko, H. *see* Toyoda, H. 62515
Kaneko, H. *see* Uchida, H.H. 91573
Kaneko, K., Ara, K., Kuroda, A., Kurokawa, K., Hiraga, T., Bungo, Y., Kaidoh, T., Ikeda, H., Ueda, T. Graphic Projector PG-9000/PG-6000 58911
Kaneko, K., Suzuki, N., Ohnishi, K., Tanie, K. Study on the torque control of a DC motor with reduction gears (torque control based on an acceleration controller) 78643
Kaneko, K. *see* Baji, T. 70655
Kaneko, K. *see* Usami, A. 71237
Kaneko, M. A new design of six-axis force sensors 52822
Kaneko, M. Active Antenna 97985
Kaneko, M., Aratani, K., Fukumoto, A., Miyaoka, S. IRISTER — magneto-optical disk for magnetically induced SuperResolution 50336
Kaneko, M., Sabi, Y., Ichimura, I., Hashimoto, S.-i. Magneto-optical recording on Pt/Co and GdFeCo/TbFeCo disks using a green laser 50602
Kaneko, M. *see* Hara, Y. 64236
Kaneko, M. *see* Maekawa, H. 75991
Kaneko, M. *see* Ueno, N. 97929
Kaneko, N. *see* Irie, Y. 66841
Kaneko, O. *see* Ando, A. 87952
Kaneko, O. *see* Oka, Y. 53190

Kaneko, O. *see* Takeiri, Y. 53192
Kaneko, O. *see* Tsumori, K. 53191
Kaneko, R. *see* Ohkubo, T. 50371
Kaneko, R. *see* Sumomogi, T. 61402
Kaneko, R. *see* Uchihashi, T. 93728
Kaneko, R. *see* Yokohata, T. 52746
Kaneko, S. Evolution of magnetic disk subsystems 72082
Kaneko, S., Adachi, A., Yamashita, J., Ishimura, E. Laser array module for optical FDMs 83084
Kaneko, S., Sugiyama, S., Mazuka, N., Murakami, K., Yamada, T. Preparation of Mn-containing mixed-oxide thin films by a dip-coating method using metal naphthenates 79879
Kaneko, S. *see* Hirai, Y. 63496
Kaneko, S. *see* Hiyamizu, S. 55595
Kaneko, S. *see* Matsuda, T. 89356
Kaneko, S. *see* Ohkoda, T. 86803
Kaneko, S. *see* Sato, T. 61703
Kaneko, S. *see* Sumiyoshi, K. 87368
Kaneko, S. *see* Veyo, S.E. 78522
Kaneko, T. Intensifying device integration stimulates demand for advances in CVD systems 70104
Kaneko, T., Koyama, K., Terada, R. Dynamic swapping schemes and differential cryptanalysis 95151
Kaneko, T., Nishijima, T., Inazumi, H., Hirasawa, S. An efficient maximum-likelihood-decoding algorithm for linear block codes with algebraic decoder 73695
Kaneko, T. *see* Hosokawa, T. 87639
Kaneko, T. *see* Koden, M. 50591
Kaneko, T. *see* Koden, M. 72460
Kaneko, T. *see* Mineo, M. 80876
Kaneko, T. *see* Momosaki, E. 71889
Kaneko, T. *see* Nakayama, I. 65722
Kaneko, Y., Kishimoto, T., Harada, A. High-performance air cooling system for telecommunications MCMs 65537
Kaneko, Y. *see* Harada, A. 65538
Kaneko, Y. *see* Koda, M. 93407
Kaneko, Y. *see* Yamane, S. 69271
Kaneko Yawara *see* Yawara Kaneko
Kanel, H.von *see* von Kanel, H.
Kanellakis, A. *see* Agathoklis, P. 84383
Kanellopoulos, D. *see* Orphanos, G. 65063
Kanellopoulos, I., Wilkinson, G.G., Megier, J. Integration of neural network and statistical image classification for land cover mapping 77305
Kanellopoulos, I. *see* Silber, C. 77643
Kanellopoulos, J.D., Kossidas, C. Model for the prediction of the differential rain attenuation between a terrestrial line-of-sight radio relay system and a low-angle satellite path based on the two-dimensional lognormal distribution 83653
Kanellopoulos, J.D., Ventouras, S., Koukoulas, S.G. A model for the prediction of the differential rain attenuation between a satellite path and an adjacent terrestrial microwave system based on the two-dimensional gamma distribution 57119
Kanellopoulos, J.D. *see* Rosich, R.K. 73320
Kanellopoulos, N. *see* Stubos, A.K. 79430
Kanellopoulos, S.E., Handerek, V.A., Rogers, A.J. Mach-Zehnder fibre interferometers for sensing applications incorporating photoinduced mode coupling filters in elliptical-core high-birefringence fibres 66390
Kanellopoulos, S.E., Handerek, V.A., Rojers, A.J. Simultaneous strain and temperature sensing employing a photogenerated polarisation coupler and low-order modes in an elliptically cored optical fibre 98033
Kanemaki, M., Komatsu, H., Horikawa, S. Outline of NEC Office Server System 7200/7100 series 85667
Kanemaru, K., Matsubara, R., Kaito, J., Toyota, S. Power line maintenance information system using low-power radio data transmission 68272
Kanemaru, K., Toyota, S. A study on data transmission method for power line maintenance information system using OPGW 99727
Kanemaru, S., Itoh, J. Fabrication of disk-edge field emitter arrays 62090
Kanemasa, A. *see* Nishihara, M. 96141
Kanematsu, K. *see* Horikawa, Y. 63166
Kanematsu, K. *see* Itoh, K. 63165
Kanematsu, K. *see* Ohkubo, N. 71956
Kanemitsu, T. *see* Ohsawa, Y. 53666
Kanemitsuya, K. *see* Okuda, T. 61979
Kanemitsuya, K. *see* Yagi, T. 61978
Kaneno, N. *see* Mihashi, Y. 72805
Kaneshiro, R.T. *see* Kocot, C. 72609
Kaneshiro, R.T. *see* Tan, T.S. 72606
Kanetake, T., Inoue, H., Tanaka, S., Hanatani, S. Nonlinear optical properties of an InGaAs/InAlAs multiple quantum well waveguide with pulsed excitation 50940
Kanetani, K. *see* Idei, Y. 70451
Kanetani, K. *see* Nambu, H. 70537
Kanevski, J. *see* Wyrzykowski, R. 48853
Kanevskii, M.B., Karaev, V.Yu. Spectrum of radar signal reflected from sea surface 53542
Kang, B.K., Koo, Y.M., Kim, D.E., Seo, H.S., Sohn, Y.U., Yun, Y.D., Vobly, P.D., Mezentsev, N.A., Kulipanov, G.N. Design of a superconducting wiggler for the PLS 76650
Kang, B.K. *see* Koo, Y.M. 76665
Kang, C.E., Oh, Y.S. The look-up table for deriving the Fourier transforms of cosine-pulses 74062
Kang, C.S. *see* Kwon, K.W. 70503
Kang, C.S. *see* Kwon, K.W. 93537
Kang, D.S., Griswold, N.C., Kehtarnavaz, N. An invariant traffic sign recognition system based on sequential color processing and geometrical transformation 57823
Kang, G.S. *see* Thomas, G. 75385
Kang, H., Ko, I., Cho, M., Namkung, W. Design of test linac for free electron laser 66835
Kang, H.Y. *see* Kim, K.H. 71459
Kang, I.K. *see* Kim, H.T. 50224
Kang, I.K. *see* Kim, K.Y. 71991
Kang, J., Okano, Y., Hoshikawa, K., Fukuda, T. Influence of a high vertical magnetic field on Te dopant segregation in InSb grown by the vertical gradient freeze method 61231
Kang, J. *see* Kim, D.Y. 63960
Kang, J.U. *see* Villeneuve, A. 56907
Kang, K.H. *see* Kim, Y.-G. 87585
Kang, K.N. *see* Her, J. 61373
Kang, K.N. *see* Kim, C.H. 55666
Kang, N.S. *see* Choi, J.D. 70491
Kang, P.S. *see* Satnam, P.S. 90466
Kang, S., Han, W., Kim, Y., Bahk, H. An implementation of common channel signalling capabilities on TDX-1 switching system 85994
Kang, S. *see* Neudeck, P. 71225
Kang, S.-M., Whitlock, B.K., Morikuni, J.J., Conforti, E. Simulation of optical interconnects in high-performance computing and communications systems 82859
Kang, S.K., Sarkhel, A.K. Lead (Pb)-free solders for electronic packaging 80995
Kang, S.M. *see* Dharchoudhury, A. 91820
Kang, S.M. *see* Dharchoudhury, A. 92169
Kang, S.M. *see* Leblebici, Y. 82084
Kang, S.M. *see* Morikuni, J.J. 75469
Kang, S.M. *see* Sriram, M. 55052
Kang, T. *see* Kim, K.Y. 71991
Kang, T.W. *see* Choi, J.B. 55611
Kang, T.W. *see* Oh, Y.T. 81476
Kang, W.J. *see* Ko, Y.M. 70859
Kang, W.P., Gurbuz, Y. Comparison and analysis of Pd- and Pt-GaAs Schottky diodes for hydrogen detection 76101
Kang, W.P., Gurbuz, Y., Davidson, J.L., Kerns, D.V. A new hydrogen sensor using a polycrystalline diamond-based Schottky diode 76110
Kang, W.P., Kim, C.K. Performance analysis of a new metal-insulator-semiconductor capacitor incorporated with Pt-SnO_x catalytic layers for the detection of O_2 and CO gases 52970
Kang, W.P. *see* Li, Q. 62074
Kang, W.P. *see* Li, Q. 92880
Kang, Y.G. Design and development of a bipolar power supply for APS storage ring correctors 68745
Kang, Y.W., Bridges, J.F., Kustom, R.L. Reduced length design of 9.8 MHz RF accelerating cavity for the Positron Accumulator Ring (PAR) of the Advanced Photon Source (APS) 67102
Kang, Y.W., Henke, H., Kustora, R., Mills, F., Mavrogenes, G. A mm-wave planar microcavity structure for electron linear accelerator system 66996
Kang, Y.W., Kustom, R.L., Bridges, J.F. HOM damping with coaxial dampers in a pillbox cavity without the fundamental mode frequency rejection filter 67101
Kang, Y.W. *see* Bridges, J.F. 67057
Kang, Y.W. *see* Nassiri, A. 98388
Kang, Y.W. *see* Song, J. 67140
Kang, Y.W. *see* Song, J.J. 98472
Kang Bai, Ho-gi Kim Microwave sintering of $BaTiO_3$ thick films [MLC capacitor] 61415
Kang Bao-Wei *see* Bao-Wei Kang
Kang Bin Yim *see* Seung Wook Lee 95878
Kang Bong Koo *see* Bong Koo Kang
Kang Byeong Gwon *see* Byeong Gwon Kang
Kang Byeong Ro *see* Byeong Ro Kang
Kang Chang Goo *see* Chang Goo Kang
Kang Changjun *see* Changjun Kang
Kang Chu Shik *see* Chu Shik Kang
Kang Dong Wook *see* Dong Wook Kang
Kang Dong-Gyu *see* Dong-Gyu Kang
Kang Goo Soo *see* Goo Soo Kang
Kang Hang-Bong *see* Hang-Bong Kang
Kang Ho-Kyu *see* Ho-Kyu Kang
Kang Ho-Young *see* Ho-Young Kang
Kang Hongxia *see* Lu Shu 94785
Kang Hoyoung *see* Hoyoung Kang
Kang Huang Pei *see* Pei Kang Huang
Kang Hui *see* Hui Kang
Kang Hwisam *see* Hwisam Kang
Kang Hyeon Rhee, Yong Deak Kim The test pattern generation algorithm of embedded MUX for the system diagnosis 70337
Kang Hyun Chul *see* Hyun Chul Kang
Kang Jin *see* Jin Kang
Kang Jun-Woo *see* Jun-Woo Kang
Kang Ki Sig *see* Ki Sig Kang
Kang Kuchang *see* Kuchang Kang
Kang Kwang Yong *see* Kwang Yong Kang
Kang Kyu Hyeon *see* Kyu Hyeon Kang
Kang Li *see* Chen, G. 76150
Kang Li *see* Xinshun Xia 90550
Kang Linxian The electrical character calculation and analysis of high frequency transmission performance for insulated overhead grounding wires of EHV transmission lines 53769
Kang Min Seok *see* Min Seok Kang
Kang Moun Sang *see* Moun Sang Kang
Kang Myung Goo *see* Myung Goo Kang
Kang Pengju, Ma Hao, Zhang Chen Optimal ITAE control of parameter and structure variable excitation system of synchronous machines 100112
Kang Qingping *see* Li Gengyin 89052
Kang Sa-Yoon *see* Sa-Yoon Kang
Kang Sang Won *see* Sang Won Kang
Kang Sang-Hee *see* Sang-Hee Kang
Kang Sang-Won *see* Sang-Won Kang
Kang Sangwon *see* Sangwon Kang
Kang Seung-Goo *see* Seung-Goo Kang
Kang Shin *see* Dolter, J. 65401
Kang Shin *see* Rexford, J. 96164
Kang Siong Ng *see* Ng Kang Siong
Kang Su Won *see* Su Won Kang
Kang Sun Mee *see* Sun Mee Kang
Kang Sung-Mo *see* Sung-Mo Kang
Kang Sung-Won *see* Sung-Won Kang
Kang Sungho *see* Sungho Kang
Kang Sungsoo *see* Sungsoo Kang
Kang Taesam *see* Taesam Kang
Kang Tie-Sun *see* Tie-Sun Kang
Kang Tsai Wei *see* Wei Kang Tsai
Kang Wen-Juh *see* Wen-Juh Kang
Kang Won-Gu *see* Won-Gu Kang
Kang Woo Jung *see* Woo Jung Kang
Kang Wu Jian *see* Jian Kang Wu
Kang Wu Wei *see* Wu Wei Kang
Kang Xu *see* Angell, C.A. 90346
Kang Xue-Jun *see* Xue-Jun Kang
Kang Yong *see* Yong Kang
Kang Young Il *see* Young Il Kang
Kang Young-Cheul *see* Young-Cheul Kang
Kang-Chen Lin, Wen-Jyh Sah, Si-Chen Lee The hydrogenated amorphous silicon active hollow four quadrant orientation detector for application to neural network image sensors 58858
Kang-Jin Kim *see* Duli Mao 55677
Kang-Min Kuo *see* You-Lin Wu 71681
Kangas, A., Stoica, P., Soderstrom, T. Finite sample and modelling error effects on ESPRIT and MUSIC direction estimators 95464
Kangbin Yim *see* Yim Kangbin
Kanghua Lu *see* Soutar, C. 82735
Kangsheng Chen *see* Guowu Zheng 94929
Kangsik Ryu *see* Sanghyun Kim 82114
Kania, A.A., Farley, G. Wavelet transform and its application to the identification of short duration pulses 97400
Kania, D.R. *see* Tesarek, R.J. 98504
Kaniava, A. *see* Vanhellemont, J. 71573
Kanie, H., Araki, H., Ishizaka, K., Ohta, H., Murakami, S. Epitaxial growth of ZnS on GaP by molecular beam deposition 69993
Kanie, H. *see* Kashima, Y. 94284
Kanie, Y., Kubota, Y., Toyoyama, S., Iwase, Y., Tsuchimoto, S. 4-2 compressor with Complementary Pass-Transistor Logic 61640
Kanie, Y. *see* Kubota, Y. 62907
Kanigan, T. *see* Andrews, M.P. 56914
Kanis, D.R. *see* Lundquist, P.M. 50928
Kanitz, S. *see* Feick, H. 98611
Kanivets, A.Yu. *see* Zaitsev, E.F. 51257
Kaniyil, J. *see* Hagiya, N. 85377
Kanjamala, A.P. *see* Siala, S. 97290
Kanjilal, A.K., Narain, R., Sharna, R., Chitnis, V.T., Singh, B.P., Uchida, Y. Automatic mask alignment without a microscope 93551
Kanjilal, A.K. *see* Sharma, R. 71443
Kanjilal, D. *see* Narayanan, M.M. 87633
Kanmachi, T., Taahashi, I. Sensor-less speed control of an induction motor with no influence of secondary resistance variation 68606
Kann, F.J.van *see* van Kann, F.J.
Kannan, A., Ostendorf, M. A comparison of trajectory and mixture modeling in segment-based word recognition 84041
Kannan, A., Ostendorf, M., Rohlicek, J.R. Maximum likelihood clustering of Gaussians for speech recognition 64372
Kannan, B., Fotedar, S., Gerla, M. A protocol for WDM star coupler networks 65067
Kannan, D., Peng Lu On the convergence of multigrid iteration scheme for mixed finite element equation 48890
Kannan, K.S., Dasgupta, A. Nonlinear finite element scheme for modeling the magnetoelastic response of magnetostrictive smart structures 82302
Kannan, L.N., Suaris, P.R., Hong-Gee Fang A methodology and algorithms for post-placement delay optimization 91702
Kannan, R. *see* Countryman, M. 91374
Kannari, F. *see* Takeda, H. 72762
Kannari, F. *see* Yamada, T. 83330
Kannari, Y. *see* Rokugawa, S. 77276
Kannell, G. *see* Lovelace, D. 70921
Kanno, I., Inbe, T., Kanazawa, S., Kimura, I. Improved model of plasma column erosion in a silicon surface barrier detector 88150
Kanno, I., Nishio, K., Mikawa, T., Nakagome, Y., Kobayashi, K., Kimura, I. Resistivity estimation

of irradiated silicon surface barrier detector 88088
Kanno, I. *see* Hirao, T. 82107
Kanno, I. *see* Uchimura, T. 63347
Kanno, M., Hamamoto, S., Tanaka, K., Munakata, T., Moriizumi, K. A verification system for VLSI mask data 55835
Kanno, M., Okabe, H., Sakano, S. Piezoelectric micro-motor 60265
Kanno, M. *see* Kataoka, T. 98295
Kanno, N. *see* Kozaru, Y. 75413
Kanno, N. *see* Nakazawa, N. 86719
Kanno, T., Kobayashi, T., Imai, S. On the use of a priori information in generalized cepstral modeling of degraded speech 84156
Kanno, T. *see* Matsuda, S. 55945
Kanno, Y. *see* Ito, Y. 100273
Kannus, K. *see* Pakonen, P. 90094
Kano, A., Nishio, R., Ichibangase, H., Kosuda, S., Takahashi, A., Yoshida, T. High-speed fiber-optic digital subscriber transmission equipment 86358
Kano, F., Yamanaka, T., Yamamoto, N., Mawatari, H., Tohmori, Y., Yoshikuni, Y. Linewidth enhancement factor in InGaAsP/InP modulation-doped strained multiple-quantum-well lasers 63782
Kano, F. *see* Fukuda, M. 83056
Kano, F. *see* Ishii, H. 72797
Kano, G. *see* Arita, K. 50138
Kano, G. *see* Fujii, E. 61721
Kano, G. *see* Hayashi, S. 70489
Kano, G. *see* Scott, J.F. 56122
Kano, G. *see* Scott, J.F. 61938
Kano, G. *see* Sumi, T. 93798
Kano, H. *see* Koshiba, S. 79862
Kano, H. *see* Takahasi, K. 67909
Kano, N., Hirose, S., Hara, K., Yoshino, J., Munekata, H., Kukimoto, H. Atomic layer epitaxy of AlAs using ethyldimethylamine alane as a new aluminum source 70048
Kanoh, H. *see* Byung-Chul Ahn 71626
Kanoi, M. *see* Ohnishi, H. 68221
Kanopoulos, N. *see* Alexiou, G. 49476
Kanopoulos, N. *see* Antonakopoulos, T. 86990
Kanopoulos, N. *see* Markas, T. 55215
Kanou, T. *see* Osaki, H. 75761
Kansog, J.O.C., Brown, M.T. Ampacity calculations for mixed underground cable systems in the same ductbank 89278
Kant, K. *see* Hou, V.T. 51825
Kant Vajpayee, S. Enhancing the quality of senior projects 54366
Kantabutra, V., Andreou, A.G. A state assignment approach to asynchronous CMOS circuit design 49290
Kantambu Latting, J. Diffusion of computer-mediated communication in a graduate social work class: lessons from "the class from hell" 75038
Kantarjiev, C. *see* Demers, A. 65370
Kanterakis, E. *see* Wang, J.-M. 82776
Kanterakis, E. *see* Yan Zhang 84724
Kanterakis, E.G. *see* Zhang, Y. 57675
Kantilal Bacrania *see* Tzi-Hsiung Shu 70701
Kantor, J.P. *see* Baudoin, C.R. 62367
Kantor, W.M. Projective planes of order q whose collineation groups have order q^2 79622
Kantor, Z. *see* Szorenyi, T. 62512
Kantrowitz, F.T., Watkins, W.R. Bandpass optimization for low-altitude long-path infrared imaging 58823
Kanungo, T., Dom, B., Niblack, W., Steele, D. A fast algorithm for MDL-based multi-band image segmentation 74595
Kanunov, E.R. *see* Afonin, D.G. 94553
Kanyo, M., Reinartz, R., Schelten, J., Muller, K.D. Two-dimensional neutron scintillation detector with optimal gamma discrimination 87965
Kanyo, M. *see* Naday, I. 88303
Kanzaki, N. *see* Suzuki, T. 96683
Kanzow, J., Popescu-Zeletin, R. Service and networks for multimedia communication 74825
Kao, B. *see* Barbara, D. 96557
Kao, J.T. *see* Tai-Wu Kao 85437
Kao, M.-S. *see* Gipser, T. 86405
Kao, M.-S. *see* Leich, M. 86413
Kao, M.-Y. *see* Azhar, S. 57625
Kao, M.J. *see* Hsu, R.T. 62251
Kao, M.L. *see* Delavaux, J.M.P. 56730
Kao, M.S. *see* Leich, M. 86397
Kao, M.Y. *see* Chao, P.C. 62860
Kao, M.Y. *see* Hwang, K.C. 55399
Kao, M.Y. *see* Hwang, K.C. 55415
Kao, M.Y. *see* Pin Ho 55408
Kao, S. *see* Baji, T. 70655
Kao, W.-S. The effect of load models on dynamic performance analysis in Taipower system studies 77862
Kao, W.L. *see* Chen, K.S. 77304
Kao, W.L. *see* Chen, K.S. 77603
Kao, W.L. *see* Tzeng, Y.C. 77711
Kao, Y.-C. *see* Moise, T.S. 55412
Kao, Y.-C. *see* Seabaugh, A.C. 92074
Kao, Y.-H., Baras, J.S., Rajasekaran, P.K. Robustness study of free-text speaker identification and verification 84051
Kao, Y.C. *see* Deshpande, M.R. 62624
Kao Chaofu *see* Chaofu Kao
Kao Chen The impact of energy efficient lighting on power quality 60620
Kao Cheng-Yan *see* Cheng-Yan Kao
Kao Heng-Chih *see* Heng-Chih Kao
Kao Jinn-Nang *see* Jinn-Nang Kao
Kao Ming-Jer *see* Ming-Jer Kao
Kao Ming-Seng *see* Ming-Seng Kao
Kao Ming-Yih *see* Ming-Yih Kao
Kao Shang-Juh *see* Shang-Juh Kao
Kao Shih-Min *see* Shih-Min Kao
Kao Tai-Wu *see* Tai-Wu Kao
Kao Tsair *see* Tsair Kao
Kao Wen-Liang *see* Wen-Liang Kao
Kao Wen-Shiow *see* Wen-Shiow Kao
Kao Yao Huang *see* Yao Huang Kao
Kao Yung-Chung *see* Yung-Chung Kao
Kao-Feng Yarn, Yeong-Her Wang, Chun-Yen Chang A novel diac-like switch using double triangular barriers 81799
Kao-Yang Huang, Carter, G.M. Structure-dependence of the chirp-to-power ratio spectrum for GaAs external cavity lasers 50833
Kaouri, H.A. *see* McCourt, P.M. 84107
Kap Hahn Soo *see* Soo Kap Hahn
Kap Jung Jae *see* Jae Kap Jung
Kap Kim Hyong *see* Hyong Kap Kim
Kap Luk Chan *see* Chan Kap Luk
Kapadia, A.A., Rabaey, J.M., Backer, D.C., Werthimer, D.R., Dexter, M.R. A 1024 tap FIR filter for pulsar signal processing 70752
Kapadia, P. *see* Ducharme, R. 83404
Kapadia, S., Valtchev, V., Young, S.J. MMI training for continuous phoneme recognition on the TIMIT database 84076
Kapadia, S. *see* Valtchev, V. 84031
Kapadoukas, G.G., Self, A.W., Harris, C.J. Flight simulation: an alternative approach 88646
Kapaev, V.V., Smolyanitskii, I.Ya. Modeling of thermal processes in a resist during direct-write electron lithography 81748
Kapali, V. *see* Gnana Sahaya Rosilda, L. 68973
Kapali, V. *see* Patnaik, R.S.M. 68974
Kapas, P. *see* Mojzis, M. 98354
Kapchinskii, M.I. *see* Alexov, E.G. 61862
Kapchinskiy, I.M., Chuvilo, I.V., Kolomiets, A.A., Lazarev, N.V., Lipkin, I.M., Plotnikov, V.K., Vorobjov, I.A. Linear accelerator for plutonium conversion and transmutation of NPP wastes 76313
Kapetanakos, C.A. *see* Mathew, J. 87691
Kapicka, A. *see* Hejda, P. 71951
Kapilevich, B.Yu. An experience of teaching microwaves and antennas in Novosibisrk Telecommunication Institute 79170
Kapinus, D.M. *see* Petersen, T.A. 89409
Kapitaniak, T., Chua, L.O. Hyperchaotic attractors of unidirectionally-coupled Chua's circuits 61447
Kapitaniak, T., Chua, L.O., Guo-Qun Zhong Experimental synchronization of chaos using continuous control 61500
Kapitaniak, T., Chua, L.O., Guo-Qun Zhong Experimental hyperchaos in coupled Chua's circuits 70268
Kapitulnik, A., Dodge, J.S., Fejer, M.M. High-resolution magneto-optic measurements with a Sagnac interferometer 76162
Kapitzky, Yu.E. *see* Churikov, V.M. 63973
Kapkowski, J. *see* Salbut, L. 70189
Kaplan, A. A model of deep penetration laser welding based on calculation of the keyhole profile 83408
Kaplan, A.E. Subfemtosecond pulses in mode-locked 2π solitons of the cascade stimulated Raman scattering 83325
Kaplan, A.E. *see* Shkolnikov, P.L. 83311
Kaplan, A.M., Chekunaev, N.I., Bezhikina, L.V., Nikolskii, V.G. Composite papers with enhanced electrical strength 56097
Kaplan, B.Z. A new interpretation of the relationship existing between demagnetizing factor and inductance 80940
Kaplan, C. *see* Kiran, A.S. 69552
Kaplan, D., Gutierrez, P., Kalbfleisch, G., Kuehler, J., Skubic, P., Smith, E., Wood, M., Bullough, M., Lucas, A.D., Wilburn, C.D. Resolution studies of double-sided silicon microstrip detectors in a high energy beam 59067
Kaplan, D. *see* Ayyagari, M. 87305
Kaplan, D. *see* Unno, Y. 98558
Kaplan, D.L. *see* Chen, Z. 87304
Kaplan, D.L. *see* Marx, K.A. 79995
Kaplan, D.L. *see* Samuelson, L.A. 66518
Kaplan, G. Appropriate technologies [photovoltaic power generation] 99976
Kaplan, G., Shamai, S. Achievable performance over the correlated Rician channel 95062
Kaplan, G., Shamai, S., Kofman, Y. On the design and selection of convolutional codes for a bursty Rician channel 73632
Kaplan, G. *see* Tonkonogov, E. 90248
Kaplan, L.M., Kuo, C.-C.J. An improved algorithm for fractal estimation from noisy measurements 84404
Kaplan, M.P. *see* Amosov, A.F. 99952
Kaplan, M.S., Haynor, D.R., Lewellen, T.K., Polard, K.R., Miyaoka, R.S., Harrison, R.L. A method for quantitative evaluation of scatter corrections to Rollo phantom images 98834
Kaplan, M.S. *see* Harrison, R.L. 98837
Kaplan, M.S. *see* Harrison, R.L. 98838
Kaplan, M.S. *see* Haynor, D.R. 98839
Kaplan, M.S. *see* Kohlmyer, S.G. 98833
Kaplan, S.N. *see* Cho, G. 59129
Kaplan, S.N. *see* Drewery, J. 59104
Kaplan, S.N. *see* Jing, T. 88408
Kaplan, S.N. *see* Mireshghi, A. 88120
Kaplan, S.N. *see* Mireshghi, A. 98587
Kaplinskii, B.I. *see* Kozitsina, N.I. 100351
Kaplunenko, O.V. *see* Koshelets, V.P. 50406
Kaplunenko, V.K., Larsen, B.H., Mygind, J., Pedersen, N.F. 600 GHz resonant mode in a parallel array of Josephson tunnel junctions connected by superconducting microstrip lines 80557
Kaplunenko, V.K. *see* Doderer, T. 93928
Kaplunenko, V.K. *see* Ivanov, Z.G. 55183
Kapon, E. *see* Grundmann, M. 56809
Kapoor, B. Improving the accuracy of circuit activity measurement 91722
Kapoor, B., Nair, V.S.S. Area, performance, and sensitizable paths [logic design] 49281
Kapoor, K. SNMP platforms: What's real, what isn't 85552
Kapoor, S., Armstrong, J.R., Rao, S.R. An automatic test bench generation system 55072
Kapoor, S. *see* Kumar, L. 71052
Kapoor, S. *see* Olson, D.S. 79934
Kapoor, V.J., Turi, R.A., Xu, D., Bailey, R.S. MNOS memory technology with oxynitride thin films 80324
Kapoor, V.J. *see* Shokrani, M. 61953
Kapp, D.A., Brown, G.S. Effect of correlation between shadowing and shadowed points in rough surface scattering 73318
Kappas, C. *see* Zefkili, S. 67618
Kappe, F., Mekonnen, G.G., Bornholdt, C., Reier, F.W., Hoffman, D. 35 GHz bandwidth photonic space switch with travelling wave electrodes on InP 63616
Kappner, T. *see* Altenhofen, M. 65450
Kapralov, V.P., Privalov, V.E. Measurement of the ratio of frequencies of a He-Ne laser radiating simultaneously at 0.63 and 3.39 μm 73000
Kapre, R.M. *see* Chiu, T.H. 55826
Kapre, R.M. *see* Chiu, T.H. 71364
Kaprielian, S., Turi, J. An observer for a non-linear descriptor system 68138
Kaprielian, S.R., Emanuel, A.E. An improved real-time data acquisition method for estimation of the thermal effect of harmonics 67975
Kaprielian, S.R., Emanuel, A.E., Dwyer, R.V., Mehta, H. Predicting voltage distortion in a system with multiple random harmonic sources 77867
Kapron, F.P. *see* Yuce, H.H. 94101
Kaps, T., Lang, T. Optical technologies for the transport of video and telephony services in an access network 86393
Kapteinat, H.-P. *see* Hallfahrt, G. 89424
Kapteyn, H.C. *see* Christov, I.P. 94382
Kapteyn, H.C. *see* Chung-Po Huang 72775
Kapteyn, H.C. *see* Jianping Zhou 72745
Kapur, K.C. *see* Boedigheimer, R.A. 54605
Kapur, K.C. *see* Boedigheimer, R.A. 61009
Kapur, R. *see* Park, J. 49386
Kapur, S.L., Swamy, C.N. Environmental and regulatory issues related to thermal power stations in India 78356
Kapur, V.K. *see* Basol, B.M. 90409
Kapur, V.K. *see* Basol, B.M. 100497
Kapusta, C., Figiel, H., Stoch, G., Lord, J.S., Riedi, P.C. NMR of Nd and Sm in $Nd_2Fe_{14}B$ and $Sm_2Fe_{14}B$ 50218
Kapustin, A.A. *see* Dolinsky, A.V. 87852
Kapustinski, J.S. *see* Adam, A. 88087
Kapustinski, J.S. *see* Adriani, O. 88023
Kapustinsky, J.S. *see* Adam, A. 88102
Kapustinsky, J.S. *see* Ambrosi, G. 53302
Kapustinsky, J.S. *see* Battiston, R. 53350
Kapustinsky, J.S. *see* Ziock, H.J. 76767
Kaputa, D. *see* Yau, W. 80827
Kaputa, D. *see* Yau, W. 92586
Kaputskii, F.N., Bashmakov, I.A., Solov'eva, L.V., Novikov, V.P., Matveev, A.T. Metal-polymer technology for forming $YBa_2Cu_3O_{7-x}$ fiber microbridges 82399
Kar, A. *see* Mandal, R. 68080
Kar-Roy, A., Tsai, C.S. Integrated acoustooptic tunable filters using weighted coupling 72501
Kar-Roy, A., Tsai, C.S. Ultralow sidelobe-level integrated acoustooptic tunable filters using tapered-gap surface acoustic wave directional couplers 72647
Kar-Roy, A., Tsai, C.S. Design of tapered-gap surface acoustic wave directional couplers for ultralow sidelobe-level integrated acousto-optic tunable filters 93839
Kara, A., Wilkes, D.M., Kawamura, K. 3D structure reconstruction from point correspondences between two perspective projections 96001
Karabed, R. *see* Thapar, H.K. 50333
Karabekov, I.P., Rossmanith, R. Measurement of longitudinal beam polarization by synchrotron radiation 66976
Karabut, E.K., Kravchenko, V.F., Savranskii, V.V. Metal-vapor IR lasers with emission power up to 12 W 63643

Karacaoglu, U., Robertson, I.D. High selectivity varactor-tuned MMIC bandpass filter using lossless active resonators 80830
Karacaoglu, U., Robertson, I.D. High selectivity varactor-tuned MMIC bandpass filter using lossless active resonators 92591
Karacaoglu, U., Robertson, I.D., Guglielmi, M. Microstrip bandpass filters using MMIC negative resistance circuits for loss compensation 92575
Karady, G.C., Mansoor, A. Computer model for transient voltage suppressors 49164
Karady, G.G., Berisha, S.H., Muralidhar, M., Demcko, J.A., Samotyj, M. Variable speed motor drive generated magnetic fields 78873
Karady, G.G., Blake, T., Janapareddi, P. An adaptive load voltage regulator using a microprocessor controlled series switched capacitor 99661
Karady, G.G., Parihar, P. Integrated PWM and transformer switching technique for AC voltage regulation 68218
Karady, G.G., Parihar, P., Maratukulam, D. Subsynchronous oscillation control by thyristor switched compensator 78004
Karady, G.G. *see* Helbing, S.G. 68182
Karaesmen, F. *see* Gupta, S.M. 51800
Karaev, V.Yu. *see* Kanevskii, M.B. 53542
Karafolas, N., Uttamchandani, D. Coherent optical CDMA (code division multiple access) systems 52486
Karafolas, N., Uttamchandani, D. Self-homodyne code division multiple access technique for fiber optic local area networks 86332
Karafolas, N., Uttamchandani, D. Fibre optic spread spectrum system based on PSK spreading and self-homodyne despreading of the optical spectrum 86485
Karagiannis, D., Staudte, R., Grunberger, B. Fuzzy-Phone: a fuzzy logic based tool 85572
Karagiannopoulos, C.G. *see* Bourkas, P.D. 78744
Karahashi, K., Matsuo, J., Horiuchi, K. Study of the etching reaction by atomic chlorine using molecular beam scattering 55817
Karain, W.I., Knight, L.V., Allred, D.D., Reyes-Mena, A. Emitted current instability from silicon field emission emitters due to sputtering by residual gas ions 92882
Karakas, Y., Lee, W.E. Processing and phase evolution in ZnO varistor prepared by oxide coprecipitation 70939
Karakasoglu, A. *see* Muhsin, I. 68577
Karakatsanis, T.S. *see* Hatziargyriou, N.D. 59878
Karaki, K. *see* Mitsunaga, M. 57004
Karaki-Doy, T., Kasai, T. High-precision processing system for thinning of glass substrates with interference filter films and its characteristics 94170
Karakoleva, E.I. *see* Andreev, A.T. 94078
Karakotsou, C. *see* Hanias, M.P. 71139
Karakotsou, Ch. *see* Petrani, M.L. 61593
Karakucuk, M., Li, W., Freeman, P., East, J., Haddad, G.I., Bhattacharya, P. Transparent emitter contact HBT's for direct optical injection locking of oscillators 80720
Karakucuk, M., Li, W., Yang, D., Freeman, P., East, J., Haddad, G.I., Bhattacharya, P. Direct optical injection locking of InP-based MODFET and GaAs-based HBT oscillators 61950
Karam, G., Paxal, C., Sari, H. A variable-rate QPSK demodulator for digital satellite TV reception 97605
Karam, M., Ghassemzadeh, M., Dai, N., Gandikota, M., Trzynadlowski, A.M. Validation and recovery of vibration data in electromachine systems using neural network software 68526
Karam, M.A., LeVine, D.M., Amar, F., Fung, A.K., Mougin, E., Lopes, A. Understanding the relation between the forest biomass and the radar backscattered signals 77585
Karam, N.H., Linden, K., Ehsani, H., Bhat, I.B. Uniform deposition of CdTe, HgTe, and HgCdTe by ALE and MOCVD 61253
Karam, N.H., Smith, F.T.J., Sudharsanan, R., Mastrovito, A., Daly, J.T., Sanfacon, M.M., Leonard, M., El-Masry, N.A. Production of low-cost, large area CdZnTe films by MOCVD on GaAs and Si substrates 91629
Karan, M., Williamson, R.C., Anderson, B.D.O. Performance of the maximum likelihood constant frequency estimator for frequency tracking 95388
Karan, M., Williamson, R.C., Anderson, R.D.O. Robustness of maximum likelihood frequency estimators under model errors 84430
Karanja, P., Nath, R. Charge trapping and conduction in pure and iodine-doped biaxially-oriented polypropylene 50150
Karanovic, L. *see* Brankovic, Z. 49680
Karaolani, P., Sullivan, G.D., Baker, K.D. Active contours using finite elements to control local scale 84669
Karapetyan, G.O. *see* Iveshevskii, S.N. 50563
Karas', V.I. *see* Batishchev, O.V. 76369
Karas, V.I. *see* Belova, N.G. 67020
Karasaw, Y. *see* Niimura, N. 98529
Karasawa, K., Tanno, Y. A new core-type parametric magnetic reproducing head 50265
Karasawa, S., Yamanouchi, K. Design and examination of a multiple-valued flip flop circuit with stair shaped I-V curved device as a coupling element 49263
Karasawa, S. *see* Hirabayashi, Y. 66339
Karasawa, T. *see* Bramblett, T.R. 79790
Karasawa, Y., Iwai, H. Modeling of signal envelope correlation of line-of-sight fading with applications to frequency correlation analysis 64154
Karasawa, Y., Matsudo, T., Minamisono, K., Shiokawa, T. Consideration on system unavailability and quality degradation during available time for mobile-satellite systems in the mobile ISDN era 52382
Karasawa, Y. *see* Iwai, H. 52362
Karasawa, Y. *see* Iwai, H. 75314
Karasek, M. Optimum design of Er^{3+} doped fluoride fibre amplifiers pumped at 820 nm and 1480 nm 63703
Karasev, V.A., Luchinin, V.V., Stefanov, V.E. A model of molecular electronics based on the concept of conjugated ionic-hydrogen bond systems 55492
Karasev, V.A. *see* Voloshinov, V.B. 56466
Karasik, A. *see* Basiev, T. 72772
Karasik, B., Lindgren, M., Zorin, M., Danerud, M., Winkler, D., Trifonov, V., Gol'tsman, G., Gershenzon, E. Picosecond detection and broadband mixing of near-infrared radiation by YBaCuO films 66353
Karasik, B. *see* Danerud, M. 58749
Karasik, B. *see* Ekstrom, H. 80663
Karasik, B.S., Zorin, M.A., Milostnaya, I.I., Elantev, A.I., Gol'tsman, G.N., Gershenzon, E.M. Evidence of sub-nanosecond transition stage in S-N current switching of YBaCuO films 93942
Karasik, B.S. *see* Danerud, M. 87181
Karasik, B.S. *see* Gol'tsman, G.N. 66355
Karasik, B.S. *see* Lindgren, M. 56521
Karasik, Y.B. Optical filling algorithm 57662
Karasutani, K. *see* Sugino, T. 70119
Karasz, F.E. *see* Hu, B. 82830
Karatsinides, S.P. Enhancing filter robustness in cascaded GPS-INS integrations 59472
Karatsinides, S.P. Enhancing filter robustness in cascaded GPS-INS integrations 97181
Karatzas, L.S., Keating, D.A., Usher, M.J. Reduction of semiconductor laser noise, as applied to an optical microphone, using negative feedback 83077
Karatzas, L.S., Keating, D.A., Usher, M.J. A practical optical force-feedback microphone 86802
Karatzoglou, M. *see* Lymberopoulos, D. 76873
Karavaev, G.F. *see* Grinyaev, S.N. 93021
Karayev, V.Yu. On the question of the shadowings of a random moving surface 88789
Karayiannis, Y.A., Stouraitis, T. Fault classification of fabrics based on statistical measures 48719
Karcanias, N. Minimal bases of matrix pencils: algebraic Toeplitz structure and geometric properties 79517
Karcanias, N. Global process instrumentation—issues and problems of a system and control theory framework 86820
Karcanias, N., Milonidis, E. Global instrumentation and its control theory and design context 75807
Karchin, P. *see* Harr, R. 88209
Karchmer, D., Rose, J. Definition and solution of the memory packing problem for field-programmable systems 92247
Karchmer, M., Newman, I., Saks, M., Wigderson, A. Nondeterministic communication complexity with few witnesses 85325
Karczewicz, M., Gabbouj, M. Robust model based image restoration under structural constraints 85114
Karczewski, G., Hu, A., Yin, A., Luo, H., Furdyna, J.K. Deep electron states in chlorine-doped ZnSe films grown by molecular beam epitaxy 61279
Karczewski, G. *see* Choi, J.B. 55611
Kardinahl, T. *see* Manivannan, G. 57000
Karditsas, P.J. Non-equilibrium MHD channel theory and numerical simulation 54155
Karduck, P. *see* Gleitsmann, G. 71281
Karekar, R.N. *see* Cubellio, E.R. 62026
Karekar, R.N. *see* Neelima, R. 87073
Karelin, A.V. Numerical simulation of a He-Ne-Ar laser with nuclear pumping 72672
Karelin, A.V., Yakovlenko, S.I. Numerical modeling of active media of high-pressure group-II-metal lasers 63633
Karellas, A., Liu, H., Reinhardt, C., Harris, L.J., Brill, A.B. Imaging of radionuclide emissions with a low-noise charge-coupled device 59297
Karellas, A. *see* Hong Liu 76959
Karellas, A. *see* Hong Liu 88433
Karenlampi, M. *see* Jarventausta, P. 68337
Karetnikov, A.A., Onokhov, A.P., Isaev, M.V., Beresnev, L.A., Kovshik, A.P. Fast-response electrooptic liquid-crystal prism modulator 72457
Karg, F., Probst, V., Harms, H., Rimmasch, J., Riedl, W., Kotschy, J., Holt, J., Treichler, R., Eibl, O., Mitwalsky, A., Kiendl, A. Novel rapid-thermal-processing for CIS thin-film solar cells 100500
Karg, S., Riess, W., Meier, M., Schwoerer, M. Electrical and optical characterization of light emitting poly-phenylene-vinylene diodes 56571
Karg, S. *see* Riess, W. 72626
Kargapol'tsev, A.V. *see* Chakhlov, V.L. 55029
Kargashin, A.E. *see* Bubennikov, A.N. 55903
Kargl, S.G. *see* Wilbur, J. 86619
Karhu, S.I. *see* Zhang, W. 57122
Karhumaki, L. *see* Sievanen, H. 76996
Kari, B. *see* Liu, Y. 59140
Kari, B. *see* Pawlowski, J. 76920
Kari, B. *see* Wei Chang 88430
Kari, B. *see* Wei Chang 98847
Kari, J., Franti, P. Arithmetic coding of weighted finite automata 57755
Kari, J. *see* Culik, K., II 95858
Karib'yants, V.R. *see* Demidovich, V.M. 55678
Karim, M. *see* Bordoni, F. 67933
Karim, M.A. *see* Ahmed, J.U. 72525
Karim, M.A. *see* Alam, M.S. 57646
Karim, M.A. *see* Alam, M.S. 57730
Karim, M.A. *see* Alam, M.S. 72517
Karim, M.A. *see* Awwal, A.A.S. 57731
Karim, M.A. *see* Iftekharuddin, K.M. 58841
Karim, M.A. *see* Iftekharuddin, K.M. 72528
Karim, M.A. *see* Iftekharuddin, K.M. 85071
Karim, M.A. *see* Iftekharuddin, M. 56484
Karim, M.R. Packetizing voice for mobile radio 52415
Karim, Z., Kyriakakis, C., Tanguay, A.R., Jr., Hu, K., Chen, L., Madhukar, A. Externally deposited phase-compensating dielectric mirrors for asymmetric Fabry-Perot cavity tuning 56839
Karimaki, V. Computing for the CMS experiment 88141
Karimbekov, M.A. *see* Bychkovskii, R.V. 81087
Karimbekov, M.A. *see* Bychkovskii, R.V. 97892
Karimi, K., Aalo, V., Helmken, H. A study of satellite channel utilization in the presence of rain attenuation in Florida 86293
Karimov, I.N. *see* Al'vares, Kh.K. 49829
Karimov, I.N. *see* Al'vares, Kh.K. 93066
Karins, J.P., Hornstein, J. Models of nonlinearities in focal plane arrays 66489
Karinthi, R. *see* Jagannathan, V. 74979
Karis, T.E. *see* Kono, R.-N. 72283
Karis, T.E. *see* Peck, P.R. 50320
Karitani, Y. *see* Fukui, A. 96748
Karivaratha Rajan, P., Raghavan, E.S. Design of synthetic estimation filters using correlation energy minimization 72542
Kariya, K., Takayama, S. Importance of measurement science structure of measurement science 75806
Kariya, K. *see* Fujimoto, M. 74346
Kariya, K. *see* Nakanishi, T. 76214
Kariya, K. *see* Takayama, S. 53567
Kariya, T. *see* Gupta, A. 61357
Kariya, T. *see* Shirakta, S. 62210
Karjalainen, M., Backman, J., Polkki, J. Analysis, modeling, and real-time sound synthesis of the kantele, a traditional Finnish string instrument 75801
Karjalainen, M. *see* Backman, J. 76870
Kark, K.W. Lens antennas with asymmetrically shaped diagrams 57247
Karkkainen, K.H.A., Laukkanan, M.J., Tarnanen, K. Performance of asynchronous DS-CDMA system with long and short spreading codes 64308
Karkkainen, M., Tiensyrja, K., Weissenfelt, M. Boundary scan testing combined with power supply current monitoring 49713
Karkkainen, T. *see* Ruokamo, I. 66542
Karl, F.X., Anderson, R.R., Goldman, M.A., Hemmer, F.M., Kazmark, D., Jr., Mroczkowski, T.T., Roecklein, J.C. RHIC survey and alignment 76705
Karl, R.R., Jr. *see* Eichinger, W.E. 77343
Karl, W.C., Verghese, G.C., Willsky, A.S. Reconstructing ellipsoids from projections 51665
Karl, W.C. *see* Luettgen, M.R. 84950
Karlen, D. *see* Dixit, M.S. 88014
Karley, B., Horton, D. Programming a fixed point DSP for embedded digital audio processing 70653
Karlin, B.A., Woicik, J.C., Cowan, P.L. Performance of InSb/KDP monochromator crystal pair 88296
Karlin, V. *see* Maz'ya, V. 69851
Karliner, M. *see* Coleman, P. 67076
Karlov, V.A. *see* Borul'ko, V.F. 55015
Karlsbrun, R.M. *see* Gradoboeva, N.A. 86700
Karlsson, A. *see* Bjork, G. 83208
Karlsson, B. *see* Andersson, M. 59751
Karlsson, B. *see* Perers, B. 90461
Karlsson, B.G. *see* Gustafsson, S.-I. 69033
Karlsson, C. *see* Dahlgren, U. 92578
Karlsson, D., Hill, D.J. Modelling and identification of nonlinear dynamic loads in power systems 59674
Karlsson, G. Choosing a telecom battery—the perspective of an equipment manufacturer 60410
Karlsson, G. Stockholm Gigabit Network 97245
Karlsson, J., Liden, P., Dahlgren, P., Johansson, R., Gunneflo, U. Using heavy-ion radiation to validate fault-handling mechanisms 49349
Karlsson, J. *see* Liden, P. 70373
Karlsson, J.M. A superposition of bursty sources in a LAN interconnection environment 65357

Karlsson, M. Optical fiber-grating compressors utilizing long fibers 94086
Karlsson, M. *see* Akhmediev, N.N. 83264
Karlsson, M. *see* Ankiewicz, A. 82581
Karlsson, M. *see* D'Alto, V. 86729
Karlsson, M. *see* Hook, A. 82536
Karlsson, N. Theory and application of a capacitive sensor for safeguarding in industry 97962
Karlsson, P.R., Jeppson, K.O. Direct extraction of MOS transistor model parameters 50025
Karlsson, P.R., Jeppson, K.O. A direct extraction algorithm for a submicron MOS transistor model 55957
Karlsson, P.R., Jeppson, K.O. A direct method to extract effective geometries and series resistances of MOS transistors 62759
Karlsson, T. *see* Brammer, R. 89837
Karlsson, U.P. The safe use of electric arc welding 48663
Karmaker, H.C. Computer modelling of synchronous machines for electromagnetic performance studies 89861
Karman, M., Koymen, H., Atalar, A., O'Donnell, M. Influence of missing array elements on phase aberration correction for medical ultrasound 88391
Karman, T. *see* Kirschner, I. 56280
Karmarkar, V.V. Assuring SS7 dependability: a robustness characterization of signaling network elements 51876
Karmouch, A. *see* Emery, J. 96410
Karmouch, A. *see* Wang, R. 96411
Karn, J. *see* Harwood, L. 87782
Karnaukhov, I. *see* Androsov, V. 76390
Karnaukhov, I. *see* Bar'yakhtar, V. 67407
Karnaukhov, I. *see* Efimov, S. 76546
Karnaukhov, I.M. *see* Bulyak, E.V. 76573
Karnaukhov, I.M. *see* Bulyak, E.V. 87795
Karnaukhov, I.M. *see* Grigor'ev, Y.N. 76172
Karner, G. A topology for complete semirings 79632
Karnezos, M., Pendse, R.D., Afshari, B., Matta, F., Scholz, K.D. Reliability of area array pressure contacts on the DTAB package 60966
Karnezos, M. *see* Matta, F. 91043
Karnik, T. *see* Chung-Hsing Chen 55088
Karniyama, S. *see* Kidoguchi, I. 72847
Karnovich, V.N., Vasilevskii, A.G., Tregub, G.A., Shatalina, I.N., Bernshtein, L.B. Engineering measures to ensure reliable operation of the Tugur tidal power station under the severe ice conditions of the Sea of Okhotsk 89737
Karol, M. *see* Glance, B. 86330
Karol, M. *see* La Porta, T.F. 96780
Karol, M.J., Chih-Lin I A protocol for fast resource assignment in wireless PCS 74732
Karol, M.J., Glance, B. A collision-avoidance WDM optical star network 52291
Karol, M.J., Schwartz, S.C. Multiple-access protocols: fairness in heterogeneous systems 65407
Karolak, J. *see* Anderson, E.I. 68246
Karoui, S. *see* Estreme, F. 70579
Karouni, M.A., Yoshihiro, K., Sakamoto, Y., Kinoshita, J., Endo, T., Saadi, M.W., Aghbar, M. Transportable dc voltage standard based on commercially available Zener diodes 86916
Karouta, F. *see* Yoffe, G.W. 56779
Karp, J. *see* Yunho Choi 49427
Karp, J.S. *see* Freifelder, R. 88410
Karp, J.S. *see* Freifelder, R. 98818
Karp, J.S. *see* Smith, R.J. 88437
Karp Joel *see* Joel Karp
Karpachev, A.T. Global variations of f_0F_2 in the night trough region 64139
Karpenko, O.P., Olk, C.H., Yalisove, S.M., Mansfield, J.F., Doll, G.L. Structural investigation of Fe silicide films grown by pulsed laser deposition 79793
Karpenko, V.A. *see* Alekseev, E.I. 52883
Karpenko, V.A. *see* Galkin, V.Ya. 74183
Karpenko, V.A. *see* Gubin, V.P. 56167
Karpenko, V.P. *see* Auerbach, J.M. 56838
Karpierz, M.A. Application of the local mode theory to nonlinear waveguides 63446
Karpierz, M.A., Sypek, M. Coupled solitons in waveguides with cascaded second order nonlinearity 73037
Karpinski, M. *see* Grigoriev, D.Yu. 69791
Karpinski, R. ADSL: alive and (seemingly) well 52708
Karpinski, R. Moving up the stack [ATM testing] 97847
Karpinski, W. *see* Bock, R. 59147
Karpinsky, D., Parinov, I., Parinova, L. Computer simulation of sintering and fracture of the ferroelectric materials 61416
Karplus, K. Xtmap: generate-and-test mapper for table-lookup gate arrays 70394
Karpov, A. *see* Gundlach, K.H. 50401
Karpov, I., Bratina, G., Sorba, L., Franciosi, A., Simmonds, M.G., Gladfelter, W.L. Chemical vapor deposition of Al from dimethylethylamine alane on GaAs(100)c(4×4) surfaces 91562
Karpov, O.V., Shulga, V.M., Shakirzyanova, F.R., Sarandi, A.E. Investigation of dc precise voltage sources for use as Zener transport standard 86915
Karpov, O.V., Shulga, V.M., Shakirzyanova, F.R., Sarandi, A.E. Transportable Zener-diode voltage standard 86958
Karpov, S.Y., Kovalchuk, Y.V., Myachin, V.E., Pogorelsky, Y.V. Nucleation and growth kinetics of GaAs during molecular beam epitaxy 70027
Karpov, S.Yu. *see* Alekseev, A.N. 81542
Karpov, S.Yu. *see* Alekseev, A.N. 91451
Karpov, V.A. *see* Bashmakov, Yu.A. 76569
Karpov, V.I. *see* Dianov, E.M. 94080
Karpovich, J.F., French, J.C., Grimshaw, A.S. High performance access to radio astronomy data: a case study 86644
Karpovsky, M.G., Chaudhry, S.M., Levitin, L.B., Moraga, C. Detection and location of given sets of errors by nonbinary linear codes 73646
Karpuk, S.M., Rubanov, A.S., Tolstik, A.L., Chalei, A.V. Quadratic recording of dynamic holograms in resonance media 83370
Karpunina, I. *see* Anishchenko, N. 94012
Karpushin, Yu.V. *see* Azarkevich, E.I. 55506
Karpuz, C. *see* Gorur, A. 70928
Karpuzov, D. *see* Vitali, G. 62160
Karr, S. *see* Measures, R.M. 52888
Karr, S.E., Alavie, A.T., Huang, S., Othonos, A., Measures, R.M. Multiplexing architectures for fiber laser strain sensors employing intracore Bragg gratings 52929
Karr, S.E. *see* Alavie, A.T. 52923
Karrakchou, M. *see* van den Branden Lambrecht, C. 84278
Karras, M. *see* Chen, J. 76267
Karrat, M. *see* Engel, K. 53789
Karri, R., Hogstedt, K., Orailoglu, A. Rapid prototyping of fault tolerant VLSI systems 55065
Karri, R., Orailoglu, A. Simulated annealing based yield enhancement of layouts 49065
Karri, R., Orailoglu, A. Area-efficient fault detection during self-recovering microarchitecture synthesis 91709
Karri, R. *see* Orailoglu, A. 71747
Karri, R. *see* Orailoglu, A. 80358
Karri, R. *see* Sokolov, S. 91756
KarrisAllen, K.J. *see* Cunningham, J. 61444
Karshenas, H.R., Kojori, H.A., Dewan, S.B., Choi, J.H. Generalized techniques of selective harmonic elimination and current control in current source inverters/converters 68786
Karshenas, H.R. *see* Kojori, H.A. 100269
Karshmer, A.I., Thomas, J.N., Krivokapic, N. On implementing computer networking on existing cable TV plants: some interesting proposals 74710
Karssemeijer, N. Adaptive noise equalization and recognition of microcalcification clusters in mammograms 59273
Karst, D.L. *see* Soderstrom, R.L. 97361
Karstadt, B. *see* Eggert, B. 68016
Karstensen, H., Hanke, C., Honsberg, M. DC-coupled parallel optical interconnect cable with fiber ribbon 97362
Kartalopoulos, S.V. Disaster avoidance in the Manhattan Fiber Distributed Data Interface Network 96605
Kartashev, E.V. *see* Loshkareva, N.N. 72494
Kartashov, S. *see* Khrenov, G. 81809
Kartashova, O. *see* Khrenov, G. 71566
Karthe, W. *see* Brauer, A. 56426
Karthe, W. *see* Shi, L.P. 56409
Karthik, S. *see* Nandhakumar, N. 84935
Karthikeyan, S. *see* Attar, G. 90432
Karthikeyan, S. *see* Zafar, A. 92949
Kartikeyan, M.V., Joshi, L.M., Sinha, A.K., Bandopadhyay, H.N., Venkateswarlu, D.S. Computer aided study of some re-entrant cavity structures for klystrons 55516
Kartmann, U. *see* van de Griendt, M.A.J. 57225
Kartner, F.X., Dougherty, D.J., Haus, H.A., Ippen, E.P. Raman noise and soliton squeezing 72331
Kartuzhanskii, A.L., Krasheninin, V.I., Kuz'mina, L.V., Stalinin, A.Yu. Charge-carrier mobility in silver azide 71136
Kartyshov, S.V., Yukhno, L.F. On certain modifications of the Newton method for solving nonlinear spectral problems 95572
Karube, H., Matsumura, K., Nakada, M., Okada, O. Recording characteristics of Kr-sputtered Tb/FeCo multilayer magnetooptical disks 72491
Karube, I., Nakanishi, K. Microbial biosensors for process and environmental control 66519
Karube, I. *see* Gotoh, M. 66505
Karulkar, P.C. Ultra-thin SOI MOSFETs at high temperature 93471
Karulkar, P.C. *see* Neal, T.R. 93084
Karunasiri, G. Intersubband transition in Si-based quantum wells and application for infrared photodetectors 62228
Karunasiri, R.P.Gamani *see* Gamani Karunasiri, R.P.
Karunasiri, R.P.U., Gilmer, G.H., Gossmann, H.-J. Rate theory model of dopant incorporation during molecular beam epitaxy: effects of Coulomb repulsion 81458
Karvelas, D., Papamichail, M. An effective priority mechanism for high speed MANs 65278
Karvelas, D., Papamichail, M. Performance study of the NSW-IUT bandwidth balancing mechanism 65279
Karvelas, E. *see* Adam, W. 88114
Karvelas, E. *see* von Apeldoorn, G. 88116
Karvonen, I. *see* Heino, P. 60882
Karwatowski, S.P. *see* Forbat, S.M. 59369
Karweina, D. *see* Rick, E. 78265
Karyaev, V.N. *see* Biryulin, Yu.F. 81129
Karyaev, V.N. *see* Biryulin, Yu.F. 92866
Karybakas, C.A. *see* Laopoulos, T. 80416
Karyuk, A.P., Prokimov, A.A., Solodovnik, V.F. Output networks of quartz oscillators 80166
Karyukhin, A.N. *see* Grebenev, V.N. 88135
Kasa, N., Kamatani, M., Watanabe, H. Current source inverter drive speed sensor-less vector controlled induction motor 90520
Kasahara, H., Torii, S., Akita, S., Uyeda, K., Ogawa, T., Ikeno, Y., Inoue, I., Saito, T. Critical currents of Nb_3Sn superconductors for generators under cyclic mechanical load 89784
Kasahara, H. *see* Imai, K. 51851
Kasahara, H. *see* Nakano, K. 61179
Kasahara, K. *see* Kosaka, H. 50826
Kasahara, K. *see* Kurihara, K. 56579
Kasahara, K. *see* Saito, H. 94554
Kasahara, K. *see* Schenfeld, E. 50640
Kasahara, M. Construction of new efficient codes 57392
Kasahara, M., Marumo, Y., Kubota, S. Transfer of crossbar switching systems for reuse in China completed 65498
Kasahara, M. *see* Murakami, Y. 83944
Kasahara, M. *see* Sakakibara, K. 95164
Kasahara, M. *see* Wadayama, T. 95135
Kasahara, T. *see* Fujiwara, H. 96440
Kasahara, Y., Kenmochi, H., Kimura, I. Propagation characteristics of the ELF emissions observed by the satellite Akebono in the magnetic equatorial region 83652
Kasai, A., Abdulla, A., Watanabe, T., Takenaga, M. Highly sensitive precise double AC Hall effect apparatus for wide resistance range 87410
Kasai, H., Jimbo, Y., Miyauchi, M. VI&P comprehensive experiments toward B-ISDN 65412
Kasai, H. *see* Amemiya, M. 65853
Kasai, H. *see* Ito, K. 53451
Kasai, K., Ishizu, M. Amplitude and frequency stabilization of a cw Nd:YAG ring laser 50786
Kasai, K. *see* Imanishi, K. 55644
Kasai, K. *see* Matsuoka, F. 50006
Kasai, K. *see* Ohori, T. 81934
Kasai, M. *see* Yamada, S. 61464
Kasai, N. *see* Hamada, T. 61733
Kasai, N. *see* Ishikawa, N. 64170
Kasai, N. *see* Kamiyama, S. 93536
Kasai, R., Ogura, T. Recent trends in image processing LSI 57753
Kasai, S., Hasegawa, H. Optimization of interface control layer for InP Schottky barriers 55653
Kasai, T. *see* Karaki-Doy, T. 94170
Kasai, Y. *see* Ametani, A. 78164
Kasai, Y. *see* Hoyano, A. 77592
Kasai, Y. *see* Jun-Ichi Shiozawa 54939
Kasai, Y. *see* Nishio, T. 71939
Kasaimeh, O. *see* Zebda, Y. 50683
Kasal, M., Halamek, J., Husek, V., Villa, M., Ruffina, U., Cofrancesco, P. Signal processing in transceivers for nuclear magnetic resonance and imaging 66161
Kasal, M. *see* Halamek, J. 74127
Kasama, K. *see* Itani, T. 81623
Kasama, K. *see* Iwasaki, H. 81626
Kasama, K. *see* Tounai, K. 49934
Kasama, K. *see* Tounai, K. 71458
Kasamaki, K. Trend of MLS receiver for landing guidance of aircraft 58508
Kasamatsu, T. *see* Chen, Z. 50452
Kasami, K. *see* Haruyama, T. 94010
Kasami, T., Fujiwara, T., Desaki, Y., Lin, S. On branch labels of parallel components of the L-section minimal trellis diagrams for binary linear block codes 73739
Kasami, T. *see* Desaki, Y. 95129
Kasami, T. *see* Jiantin Wu 51358
Kasami, T. *see* Takata, T. 95188
Kasanami, T. *see* Hyono, M. 99213
Kasanami, T. *see* Kadota, M. 71851
Kasanami, T. *see* Kadota, M. 82147
Kasanami, T. *see* Kitamura, T. 71884
Kasao, D. *see* Takahata, K. 82416
Kasap, S.O. *see* Polischuk, B. 72562
Kasatani, H. *see* Terauchi, H. 91503
Kasaya, K. *see* Mitomi, O. 82626
Kasaya, K. *see* Takahata, K. 72819
Kaschalk, T.L. *see* Strang, W.M. 89255
Kaschieva, S. Improving the radiation hardness of MOS structures 71214
Kase, M. *see* Ishida, N. 67339
Kase, M. *see* Kamigaito, O. 59029
Kase, M. *see* Matsuda, S. 55945
Kase, T. *see* Nii, T. 100546
Kasem, Y.M., Williams, R.K. Thermal design principles and characterization of miniaturized surface-mount packages for power electronics 55146
Kash, J.A. *see* Pezeshki, B. 72831
Kash, J.A. *see* Pezeshki, B. 94145
Kash, J.A. *see* Pezeshki, B. 97345
Kash, K. *see* Meade, R.D. 56291
Kasha, D. *see* Sanders, R.T. 67163
Kasha, D.B. *see* Kerth, D.A. 97874

Kasherininov, P.G., Mezdrogina, M.M., Yaroshetskii, I.D. Electrooptic-nonelectrooptic semiconductor heterostructure between hydrated silicon and cadmium telluride 71150
Kashigin, S. *see* Bosisio, L. 59074
Kashihara, K., Okudaira, T., Itoh, H., Higaki, T., Abe, H. A novel metal-ferroelectric insulator-semiconductor (MFS) capacitor using $PZT/SrTiO_3$ layered insulator 71898
Kashihara, K. *see* Ohno, Y. 70487
Kashihara, Y., Sakaguchi, S., Akiyama, Y., Tahara, Y., Minami, F. A high-speed 1 Mbit CMOS SRAM 55259
Kashihin, V.S. *see* Dolinsky, A.V. 87852
Kashiki, K., Kuri, T., Maruyama, H., Kikuchi, T., Yamamoto, T. Millimeter-wave personal satellite communication system 58357
Kashiki, K. *see* Akaishi, A. 57258
Kashima, H. *see* Matsuda, H. 55929
Kashima, S. Non-contact laser tissue blood flow measurement using polarization to reduce the specular reflection artefact 67472
Kashima, Y., Matoba, A., Takano, H., Kanie, H., Irie, T. Performance of multiple quantum well edge-emitting LED 94284
Kashima, Y. *see* Arimoto, H. 56738
Kashio, J. *see* Nakayashiki, S. 65300
Kashirin, V.A. *see* Afanasiev, S.V. 52771
Kashirin, Yu.Yu. *see* Belkin, B.E. 97265
Kashitani, A., Takanashi, N., Tagawa, N. A solder joint inspection system for surface mounted pin grid arrays 92790
Kashiwa, T., Onishi, T., Fukai, I. Analysis of microstrip antennas on a curved surface using the conformal grids FD-TD method 51245
Kashiwa, T., Tanino, N., Minami, H., Katoh, T., Yoshida, N., Itoh, Y., Mitsui, Y., Imatani, T., Mitsui, S. Design of W-band monolithic low noise amplifiers using accurate HEMT modeling 80774
Kashiwa, T. *see* Araki, M. 94149
Kashiwa, T. *see* Oonishi, T. 83821
Kashiwabara, K. *see* Murakawa, T. 89635
Kashiwabara, S., Watanabe, K., Fujimoto, R. Performance characteristics of a pulsed plasma cathode X-ray source operated without diode closure 98802
Kashiwabuchi, K., Furukawa, I., Ono, S. Film based motion picture digitizing system for super high definition images 75887
Kashiwabuchi, K. *see* Furukawa, I. 64873
Kashiwada, T. *see* Fukuda, C. 75512
Kashiwagi, H. *see* Miyata, C. 92121
Kashiwagi, M., Kawai, M. An expert system with predictive fault diagnosis for computer center air conditioning system 100952
Kashiwagi, T., Doke, T., Kikuchi, J., Ishida, N., Onabe, H., Obinata, M. New mesh type silicon photodiode and its performance 66364
Kashiwagi, T. *see* Chen, M. 67340
Kashiwagi, T. *see* Ishida, N. 67339
Kashiwagi, T. *see* Nagata, K. 59058
Kashiya, V.G. *see* Kalandarishvili, A.G. 100781
Kashiyama, M. *see* Iwabuchi, M. 50073
Kashiyama, M. *see* Usami, M. 70567
Kashkarov, L.L., Stovbun, S.V., Perelygin, V.P. Track parameters for the accelerated ^{20}Ne ions in the new CZ-type solid state track detector 88077
Kashper, A.N. *see* Allamagny, S. 52007
Kashper, A.N. *see* Allamagny, S. 74833
Kashtanov, G.D. *see* Sakaev, V.Sh. 69157
Kashulis, S. *see* Smyntyna, V.A. 66529
Kashulis, S. *see* Smyntyna, V.A. 66530
Kashy, E. *see* Mercer, D.J. 87998
Kashyap, R., Borgonjen, E., Campbell, R.J. Continuous wave seeded second harmonic generation in optical fibres: the enigma of second harmonic generation 63975
Kashyap, R., Chernikov, S.V., McKee, P.F., Taylor, J.R. 30 ps chromatic dispersion compensation of 400 fs pulses at 100 Gbits/s in optical fibres using an all fibre photoinduced chirped reflection grating 63416
Kashyap, R., McKee, P.F., Campbell, R.J., Williams, D.L. Novel method of producing all fibre photoinduced chirped gratings 63383
Kashyap, R., Payne, R.A., Whitley, T.J., Sherlock, G. Wavelength-uncommitted lasers 63746
Kashyap, R. *see* Campbell, R.J. 72308
Kashyap, R. *see* Chernikov, S.V. 50948
Kashyap, R. *see* Guy, M.J. 82578
Kashyap, R. *see* Massicott, J.F. 63705
Kashyap, R. *see* Maxwell, G.D. 83108
Kashyap, R. *see* Noske, D.U. 56736
Kashyap, R. *see* Ouellette, F. 63400
Kashyap, R. *see* Rottwitt, K. 63382
Kashyap, R. *see* Williams, D.L. 63344
Kashyap, R.L. *see* Liaw, J.-N. 84938
Kashyap, R.L. *see* Rabiee, H.R. 95956
Kashyap, R.L. *see* Satish, A. 84529
Kasilov, V.F., Denisov, V.N. The chocking of steam turbine low-pressure cylinder exhaust ports 53934
Kasilov, V.F. *see* Eddin, Z. 89633
Kasischke, E.S., Bourgeau-Chavez, L.L., French, N.H.F. Observations of variations in ERS-1 SAR image intensity associated with forest fires in Alaska 59601
Kasischke, E.S., Christensen, N.L., Jr., Haney, E.M. Modeling of geometric properties of loblolly pine tree and stand characteristics for use in radar backscatter studies 77720
Kasischke, E.S. *see* French, N.H.F. 87135
Kasody, R. *see* Aust, M.V. 80828
Kasody, R. *see* Aust, M.V. 92589
Kasody, R. *see* Kobayashi, K.W. 80700
Kasody, R. *see* Kobayashi, K.W. 92588
Kasody, R. *see* Minot, K. 86298
Kasody, R. *see* Minot, K. 97171
Kasody, R.E., Dow, G.S., Sharma, A.K., Aust, M.V., Yamauchi, D., Lai, R., Biedenbender, M., Tan, K.L., Allen, B.R. A high efficiency V-band monolithic HEMT power amplifier 80756
Kasori, H., Kikuta, M., Yokoyama, T. Laser photo sensing apparatus for testing registers of watthour meters 58905
Kaspar, J., Emmer, I., Collins, R.A. The influence of oxygen on lead phthalocyanine thin films 76097
Kaspar, K. *see* Passmann, C. 98780
Kaspar, M. *see* Vetter, K. 76793
Kasparis, T., Lane, J. Digital restoration of damaged phonograph records 75795
Kasparis, T. *see* Campos, J. 84858
Kasparis, T. *see* Nelson, R.S. 84385
Kasparis, T. *see* Weeks, A.R. 74378
Kasper, E., Gruhle, A. Silicon germanium heterobipolar transistor for high speed operation 62714
Kasper, E., Gruhle, A., Kibbel, H. High speed SiGe-HBT with very low base sheet resistivity 93338
Kasper, E., Kibbel, H., Herzog, H.-J., Gruhle, A. Growth of 100 GHz SiGe-heterobipolar transistor (HBT) structures 62681
Kasper, E. *see* Koppensteiner, E. 61248
Kasper, M. Computation and optimization of transmission line parameters 83732
Kasper, P. *see* Lincoln, D. 66111
Kasperkovitz, P. *see* Ausserlechner, U. 76169
Kasperovich, A.N. *see* Bulgakov, A.Yu. 55315
Kasperovich, L.V., Babkin, V.F. Fast discrete cosine transform approximation for JPEG image compression 85166
Kaspi, R. *see* Ikai Lo 81267
Kaspi, V.M., Taylor, J.H., Ryba, M.F. High-precision timing of millisecond pulsars. III. Long-term monitoring of PSRs B1885+09 and B1937+21 66689
Kasprowicz, T.B. *see* Smith, D.D. 76847
Kasprowicz, T.B. *see* Smith, D.D. 76848
Kasprzak, A. *see* Grzech, A. 58212
Kasprzak, A. *see* Grzech, A. 85368
Kasprzak, W., Niemann, H. Visual motion estimation from image contour tracking 95685
Kasrai, S. *see* Kwok, R.W.M. 93165
Kasraian, M. Double-grating thin-film devices based on second-order Bragg interaction 72359
Kass, M. *see* Halstead, M. 54802
Kass, R. *see* Tesarek, R.J. 98504
Kassaee, A., Altschuler, M.D. Semiautomated matching and seed position location for implanted ribbons 67609
Kassakian, J.G., Perreault, D.J. An assessment of cellular architectures for large converter systems 80103
Kassakian, J.G. *see* Afridi, K.K. 55934
Kassam, S.A., Inhyok Cha Radial basis function networks in nonlinear signal processing applications 95528
Kassam, S.A. *see* Gandhi, P.P. 95432
Kassam, S.A. *see* Himayat, N. 64731
Kassam, S.A. *see* Kozick, R.J. 95571
Kassam, S.A. *see* Weerackody, V. 51282
Kassawara, R. *see* Swan, S. 89433
Kassebaum, J.H. Comprehensive low voltage motor specifications 60167
Kassebaum, J.H. Comprehensive low-voltage motor specifications 89816
Kassem, M.E. *see* Mahmoud, S.A. 98655
Kassick, E.V., Barbi, I. A low-cost high power factor resonant mode battery charger 60330
Kassim, N.E. *see* Clegg, A.W. 83715
Kasson, J.M. Tetrahedral interpolation algorithm accuracy 79685
Kast, B.A. *see* Stalker, K.T. 63507
Kastalsky, A. *see* Belenky, G.L. 49801
Kastelik, J.C. *see* Bazzi, O. 94219
Kastella, K. *see* Schmaedeke, W. 73933
Kasten, D.G., Caldecott, R., Sebo, S.A., Liu, Y. A computer program for HVDC converter station RF noise calculations 68186
Kasten, D.G. *see* Tiebin Zhao 89262
Kastha, D., Bose, B.K. Fault mode single-phase operation of a variable frequency induction motor drive and improvement of pulsating torque characteristics 78878
Kastha, D., Bose, B.K. Investigation of fault modes of voltage-fed inverter system for induction motor drive 78892
Kastha, D., Bose, B.K. Fault mode single phase operation of a variable frequency induction motor drive and improvement of pulsating torque characteristics 100856
Kasthuri Rangan, K. *see* Gopalakrishnan, J. 73117
Kasties, G. *see* Evers 86255
Kasties, G. *see* Evers, H. 65732
Kastler, B. *see* Gangi, A. 76925
Kastner, M. *see* Stanzl, H. 91517
Kastner, R. Nonunique singular sources and fields in the presence of discontinuous electromagnetic fields 73208
Kastner, R. Rapid approximation of conducting problems using a dual image approach 73210
Kastner, R., Drori, R.A. Reduction of the number of unknowns in large stacked planar structures by a fringe aperture formulation 73306
Kastner, R. *see* Aloni, E. 73502
Kastner, R. *see* Garb, K. 49617
Kastner, R. *see* Garb, K. 73481
Kastrevc, M. *see* Deticek, E. 69060
Kastrup, J., Grahn, H.T., Ploog, K., Prengel, F., Wacker, A., Scholl, E. Multistability of the current-voltage characteristics in doped GaAs-AlAs superlattices 81332
Kastura, J.L. *see* Rodda, W.J. 78972
Kasturi, R. *see* Balasubramanian, S. 96946
Kasturi, R. *see* Yuan-Liang Tang 67676
Kasturirangan, K. Aerospace technologies: a terrestrial focus 59435
Kasuga, C., Nakagawa, Y., Harashima, F., Nishimura, T., Ban, M. Characteristics analysis of multi-layer piezo-ceramic actuator. II 93791
Kasuga, K. *see* Mizuno, K. 53004
Kasuga, M., Konta, I., Matsuda, J.-I. Evaluation of analog PCB wiring routes by surface charge modeling method and application to the determination of wiring 92694
Kasuga, M. *see* Yano, K. 81791
Kasuga, T., Won-Hyuk Lee, Abe, Y., Inukai, E. Bi-2212 phase formation in melt-quenched $Bi_2Sr_2Ca_1Cu_2Ag_{0.3}O_x$ by reheating in a vacuum-sealed vessel 61422
Kasuga, T. *see* Tobiyama, M. 76584
Kasukawa, A., Iwai, N., Yamanaka, N. Very high characteristic temperature and constant differential quantum efficiency 1.3 μm GaInAsP/InP strained-layer quantum well lasers by use of temperature dependent reflectivity (TDR) mirror 63850
Kasukawa, A., Ohkubo, M., Namegaya, Y., Ijichi, T., Ikegami, Y., Tsukiji, N., Namiki, S., Shirasaka, Y. 980 nm and 1480 nm high power laser modules for Er-doped fiber amplifiers 72843
Kasukawa, A. *see* Fukushima, T. 94484
Kasukawa, A. *see* Namegaya, T. 63786
Kasukawa, A. *see* Otsuka, K. 91679
Kasumov, F.K. *see* Blank, A.Ya. 83588
Kasumova, R.Zh. *see* Tagiev, Z.A. 50922
Kasuya, H. *see* Ishitsuka, M. 95278
Kasuya, K. *see* Kanazawa, H. 72695
Kasuya, M. *see* Nakanishi, Y. 78124
Kas'yanov, A.I. *see* Danichev, A.M. 70741
Kas'yanov, A.I. *see* Danichev, A.M. 92355
Kasymdzhanov, M.A., Kurbanov, S.S. Distinctive variations in spectral-kinetic characteristics of luminescence in a fiber-optical light guide and KUVI quartz glass exposed to γ-radiation 82577
Kasztovszky, Z., Ballay, L., Barczi, J. Studies on the performance characteristics of FAG FH 40 radiation dosemeter 67645
Kaszuwara, W. *see* Jezierska, E. 72180
Kata, H., Nozaki, S., Hamada, A. Development of Teledooramy 161-2TSP 96934
Katada, M. *see* Kato, A. 93302
Kataev, M.Yu. *see* Anisimov, V.A. 69084
Katagi, T. *see* Matsuki, J. 60189
Katagi, T. *see* Matsuki, J. 78586
Katagi, T. *see* Matsunaga, M. 49655
Katagiri, A. *see* Miyata, S. 61706
Katagiri, E. *see* Yamamoto, H. 82255
Katagiri, K. *see* Watanabe, K. 82313
Katagiri, M. *see* Sakasai, K. 58739
Katagiri, S. *see* Biem, A. 84028
Katagiri, S. *see* Komori, T. 84027
Katagiri, S. *see* McDermott, E. 73796
Katagiri, S. *see* McDermott, E. 84032
Katagiri, S. *see* Soeda, K. 61704
Katagiri, T. *see* Kondoh, E. 93259
Katagiri, T. *see* Tachikura, I. 65760
Katagiri, T. *see* Tachikura, M. 75163
Katagiri, Y., Hara, S. Increased spatial frequency in interferential undulations of coupled cavity lasers 83201
Katagiri, Y. *see* Shimada, J. 97981
Katagiri, Y. *see* Ukita, H. 83102
Katahira, O., Takemoto, M. Development of the integrated lightning observation and monitoring system for electric power systems 78186
Katakura, K., Hatori, A., Kamei, Y., Yuda, H., Shouji, M., Suzuki, Y. Point-to-multipoint facsimile communication system for municipal disaster prevention 65227
Katalan, Z. *see* Federgruen, A. 96207
Katalev, V., Kudryavtsev, V., Sulygin, I. Higher order mode damping system in the UNK RF cavity 67103
Katalinic, B. Flexible assembly system for the assembly of electric equipment motors: layout and control 78555
Katan, J. *see* Thrane, E.V. 94809
Katane, T., Fuwa, M., Sakaki, Y. Ferroresonant-type DC power supply controlled by fully magnetic technique 91874

Katane, T., Nohgi, H., Sakaki, Y. Optimum core dimensions of transformer for switching power supplies 100263
Katanishi, S. *see* Yanagisawa, K. 89468
Katano, H. *see* Haruyama, J. 93495
Katano, R. *see* Ito, S. 88004
Kataoka, A., Moriya, T., Hayashi, S. An 8-bit/s speech coder based on conjugate structure CELP 84099
Kataoka, H., Kajiura, T., Okuda, Y. An algorithm for optimizing NC program of a chip shooter 49712
Kataoka, H., Yokoyama, T., Mizutani, K., Nagai, K. Image reconstruction of ultrasonic diffraction tomography from data acquired with transmitter and receiver arrays 76932
Kataoka, H. *see* Muraoka, T. 66703
Kataoka, H. *see* Oikawa, Y. 86695
Kataoka, H. *see* Sugino, T. 70119
Kataoka, H. *see* Takahashi, H. 94173
Kataoka, M. *see* Furuyama, T. 92208
Kataoka, N. *see* Yamashita, S. 60586
Kataoka, S. *see* Nojima, H. 66316
Kataoka, T., Hagimoto, K. Novel automatic bias voltage control for $LiNbO_3$ Mach-Zehnder optical modulators using probe light 97261
Kataoka, T., Hagimoto, K. High resolution optical spectrum analyzer using a heterodyne detection technique 97268
Kataoka, T., Kanno, M. Parallel resonance Q meter and its applications 98295
Kataoka, T., Miyamoto, Y., Hagimoto, K., Noguchi, K. 20 Gbit/s long distance transmission using a 270 photon/bit optical preamplifier receiver 58374
Kataoka, T., Miyamoto, Y., Hagimoto, K., Sato, K., Kotaka, I., Wakita, K. 20 Gbit/s transmission experiments using an integrated MQW modulator/DFB laser module 58428
Kataoka, T., Yamaguchi, H., Sato, Y., Hayashi, S.-i., Morimoto, H. Volt-ampere rating of air-core superconducting power transformers 60276
Kataoka, T. *see* Hill, K.O. 97288
Kataoka, T. *see* Kawakami, H. 86414
Kataoka, T. *see* Kotaka, I. 72923
Kataoka, T. *see* Miyamoto, Y. 58397
Kataoka, T. *see* Sano, A. 97227
Kataoka, T. *see* Sato, Y. 68868
Kataoka, T. *see* Sato, Y. 90130
Kataoka, T. *see* Tomizawa, M. 87568
Kataoka, Y. A rapid solution for the maximum loading point of a power system 88959
Kataoka, Y. *see* Kamano, T. 89930
Kataoka, Y. *see* Kamano, T. 90010
Kataoka, Y. *see* Ushigome, M. 62029
Kataria, D. *see* Mercer, D.J. 87998
Kataria, S. *see* Bhattacharyya, A.B. 55023
Katarkevich, V.M., Rubinov, A.N., Efendiev, T.Sh. A picosecond distributed-feedback dye laser 82956
Katashov, A.Y. *see* Ivkin, E.B. 91558
Katatani, N. *see* Yokota, T. 77371
Katayama, A. *see* Satake, K. 98147
Katayama, H., Nakazato, J., Ishikawa, S. Particle identification system for semiconductor manufacturing 55682
Katayama, J. *see* Hoshi, Y. 88113
Katayama, J. *see* Masuda, K. 67337
Katayama, J. *see* Oyama, K. 98567
Katayama, K., Senna, M. Preferential local dissolution of indented silicon {111} surface by aqueous solutions of HF with varying pH 81535
Katayama, K. *see* Ohkura, Y. 62190
Katayama, M. *see* Habuka, H. 54889
Katayama, M. *see* Kato, A. 82808
Katayama, M. *see* Teshima, K. 86357
Katayama, M. *see* Toshimitsu, K. 65557
Katayama, N. *see* Alexander, J.P. 59072
Katayama, N. *see* Alexander, J.P. 70305
Katayama, S. *see* Yonezawa, Y. 79921
Katayama, T., Sugiyama, M., Shimizu, M., Shiosaki, T. Photo-CVD of ferroelectric $Pb(Zr,Ti)O_3$ thin films 54948
Katayama, T. *see* Arai, S. 76316
Katayama, T. *see* Eimori, T. 92192
Katayama, T. *see* Morihara, T. 82009
Katayama, T. *see* Sakai, K. 64841
Katayama, T. *see* Serikawa, M. 77727
Katayama, T. *see* Shimizu, M. 54956
Katayama, T. *see* Tomizawa, M. 66850
Katayama, T. *see* Tomizawa, M. 76317
Katayama, T. *see* Yokoyama, E. 66088
Katayama, Y. *see* Goto, S. 79782
Katcharov, N. *see* Pagnoux, D. 72312
Katchi, L.P.B. *see* Rosenbaum, S.E. 92615
Katcki, J., Bakowski, A. TEM investigation of the influence of an overlayer on the structure of implanted p-n junctions in silicon 81304
Kate, H.H.J.ten *see* ten Kate, H.H.J.
Kate, H.J.ten *see* ten Kate, H.J.
Kate, W.R.T.Ten *see* Ten Kate, W.R.T.
Kateb, H., Chekou, S., Allano, S. A new approach for the parameter determination of the permanent-magnet synchronous machine 89854
Katehi, L. *see* Dib, N. 80623
Katehi, L.P. *see* Kormanyos, B.K. 80841
Katehi, L.P. *see* Weller, T.M. 80634
Katehi, L.P.B. *see* Cheng, H. 49615
Katehi, L.P.B. *see* Cheng, H. 92462
Katehi, L.P.B. *see* Drayton, R.F. 80649
Katehi, L.P.B. *see* Eleftheriades, G.V. 94900
Katehi, L.P.B. *see* Engel, A.G., Jr. 61877
Katehi, L.P.B. *see* Kormanyos, B.K. 57260
Katehi, L.P.B. *see* Robertson, S.V. 92474
Katehi, L.P.B. *see* Sabetfakhri, K. 73419
Katehi, L.P.B. *see* Sabetfakhri, K. 94912
Katerinchuk, V.N., Kovalyuk, M.Z., Ogorodnik, A.D., Zhirko, Yu.I. Photosensitive native-oxide-p-In_4Se_3 heterostructures 93061
Kath, W.L. *see* Kutz, J.N. 94109
Kath, W.L. *see* Ruo-Ding Li 52593
Kath, W.L. *see* Ueda, T. 56359
Katheder, H. Optimum thermohydraulic operation regime for cable in conduit superconductors (CICS) 93998
Katheder, I. *see* Blau, B. 82440
Katic, V., Dapcevic, D., Vuckovic, V. Current controlled AC/DC converters: harmonics in transient state 90513
Katic, V.A. A new method of three-phase bridge rectifier current and voltage harmonics determination 54067
Katila, P. *see* Guangwen Zhang 82698
Katilius, R. *see* Aninkevicius, V. 62274
Katinger, H. *see* Loibner, A.P. 66514
Katiyar, M. *see* Yang, Y.H. 79956
Katker, S., Paterok, M., Vogt, C., Wittig, H., Delgrossi, L. An SNMP MIB for the ST-II Protocol 58079
Katnani, A. *see* Sturtevant, J. 71515
Katnani, A. *see* Wu-Song Huang 81616
Katnani, A.D., Rocque, J.M., Kwong, R., Puisto, D.M., Baily, D. Chemically amplified negative resist for E-beam fabrication of X-ray masks 81718
Katnani, A.D. *see* Jagannathan, P. 81615
Kato, A. Current status of research and development of solid oxide fuel cell 100441
Kato, A., Katada, M., Kamiya, T., Ito, T., Hattori, T. A rapid, stable decoupled algorithm for solving semiconductor hydrodynamic equations 93302
Kato, A., Katayama, M., Mizutani, A., Hattori, Y., Ito, N., Hattori, T. Satellite peak generation in the electroluminescence spectrum of ZnS:Sm grown by metalorganic chemical vapor deposition with Cl codoping 82808
Kato, A. *see* Fujiwara, O. 99004
Kato, A. *see* Nagashima, S. 49016
Kato, E. *see* Nakayama, N. 50851
Kato, F., Noguchi, T., Santo, T., Kaneda, K., Nakamae, E. Automatic route search algorithm for examination of electric power facilities installation work 90315
Kato, F. *see* Tokanai, F. 88064
Kato, F. *see* Tokanai, F. 98602
Kato, H. Equi-transparency test for LCD panels 98210
Kato, H. *see* Enta, Y. 61320
Kato, H. *see* Jaeger, N.A.F. 99659
Kato, H. *see* Kodato, S. 98337
Kato, H. *see* Kojima, M. 62468
Kato, H. *see* Miyashita, Y. 68247
Kato, H. *see* Shiomi, J. 63164
Kato, H. *see* Suzuki, A. 70539
Kato, H. *see* Tamura 81498
Kato, H. *see* Yang, Y. 90692
Kato, I., Yoneda, T. Influence of DC bias and area of substrate table on plasma parameters in microwave plasma 91625
Kato, I., Yoneda, T., Matsushita, T. Influence of ion bombardment on a-Si:H films fabricated by plasma CVD 91639
Kato, I. *see* Nakamura, S. 62966
Kato, J., Kagata, H., Nishimoto, K., Inoue, T. Dielectric ceramics for microwave uses with high dielectric constant 82104
Kato, J., Takeuchi, M., Tanaka, K. Gate oxide degradation caused by anomalous oxidation of BF_2 ion implanted $MoSi_2$ on polycrystalline silicon 81387
Kato, J. *see* Kagata, H. 82106
Kato, K. Second-harmonic and sum-frequency generation in $KTiOAsO_4$ 63977
Kato, K., Kakehi, K. A role for talker source information in the perception of intervocalic stop constants 51376
Kato, K., Kozen, A., Muramoto, Y., Itaya, Y., Nagatsuma, T., Yaita, M. 110-GHz, 50%-efficiency mushroom-mesa waveguide p-i-n photodiode for a 1.55-μm wavelength 72594
Kato, K., Kurita, Y. Vibration control using electromagnetic force 83573
Kato, K., Nakanishi, T., Shio, A., Ishii, K. Structure from image sequences captured through a monocular extra-wide angle lens 84702
Kato, K., Tanaka, K., Tsuru, S. Film displays using memory-type polymer-dispersed liquid crystals 87394
Kato, K., Tanaka, K., Tsuru, S., Sakai, S. Reflective color display using polymer-dispersed cholesteric liquid crystal 66614
Kato, K., Tsuji, S., Ishiguro, H. Precise binocular stereo by camera motion (precise binocular stereo using image-blurring effect and camera swiveling) 64594
Kato, K., Yoshida, J. Ultrawide-bandwidth 1.55 μm waveguide p-i-n photodiode 72604
Kato, K. *see* Ablameyko, S. 84847
Kato, K. *see* Fukushima, T. 97990
Kato, K. *see* Hayashi, Y. 50499
Kato, K. *see* Hiruta, Y. 93682
Kato, K. *see* Ishikawa, S. 95824
Kato, K. *see* Kaneko, F. 62031
Kato, K. *see* Kobayashi, M. 72425
Kato, K. *see* Miyamoto, Y. 86442
Kato, K. *see* Nagase, R. 96936
Kato, K. *see* Nagatsuma, T. 58407
Kato, K. *see* Okuno, M. 97252
Kato, K. *see* Papalexopoulos, A. 53620
Kato, K. *see* Papalexopoulos, A. 77951
Kato, K. *see* Sato, K. 99119
Kato, K. *see* Sawa, H. 82841
Kato, K. *see* Seki, M. 93572
Kato, K. *see* Takada, K. 96937
Kato, K. *see* Tanaka, K. 87369
Kato, K. *see* Tanaka, K.H. 76567
Kato, K. *see* Yokohata, T. 52746
Kato, M. Short-term operational planning—optimization involving general constraints 99623
Kato, M., Egashira, Y. Composite sensors perform multiple detection, contribute to user comfort 75963
Kato, M., Futuhara, K. A construction method for information system of failed lamp location using airfield lamp power line 60614
Kato, M., Kamimura, T., Kumagai, A. Visual communication system in an apartment house using only twisted paired cable 85472
Kato, M., Kiguchi, M., Taniguchi, Y. Second-order nonlinear optical susceptibility measurement of crystal with a glass prism in total-reflection geometry 83276
Kato, M., Uchino, T., Oie, Y., Miyahara, H. On an expansion of lightwave network RookNet: TDMA RookNet 65852
Kato, M. *see* Kitaoka, Y. 63717
Kato, M. *see* Kumazawa, T. 59946
Kato, M. *see* Kume, H. 61738
Kato, M. *see* Mizuuchi, K. 73076
Kato, M. *see* Tanaka, T. 70525
Kato, M. *see* Ueno, K. 84925
Kato, N., Motohiro, T., Hioki, T., Noda, S. CdS-CdTe anisotropic nanocomposites as photovoltaic substance 94242
Kato, N., Yamada, T., Yamada, S., Nakamura, T., Hamano, T. Degradation mechanism of polysilicon TFTs under DC stress 62833
Kato, N. *see* Koyanagi, M. 93393
Kato, N. *see* Sugimitsu, T. 67251
Kato, N. *see* Yamada, S. 81896
Kato, R. *see* Sawamura, M. 50881
Kato, R. *see* Takao, M. 50882
Kato, S. An idea of dynamical cooling of electron beam in SR ring 87874
Kato, S., Sato, M., Arita, Y. Microloading effect prevention in SiO_2 contact-hole etching 93204
Kato, S., Yoshiya, K. Survey of image retrieval techniques 57639
Kato, S. *see* Kaneko, F. 62031
Kato, S. *see* Kazama, H. 75291
Kato, S. *see* Kazama, H. 86152
Kato, S. *see* Kimura, I. 65482
Kato, S. *see* Kobayashi, K. 55169
Kato, S. *see* Kobyashi, K. 80196
Kato, S. *see* Kurata, M. 98524
Kato, S. *see* Maekawa, Y. 77390
Kato, S. *see* Matsumoto, Y. 80197
Kato, S. *see* Sakata, T. 86156
Kato, S. *see* Seki, K. 52371
Kato, S. *see* Seki, K. 61615
Kato, S. *see* Shibata, S. 98487
Kato, S. *see* Sugiyama, T. 86276
Kato, S. *see* Yoshiya, K. 74247
Kato, T. Estimation of transient voltage waveform of a power transformer by the transfer indicial response method 60280
Kato, T., Furumura, Y., Tsuchikawa, H. Damageless H_2O/SiH_4 plasma-CVD for gate SiO_2 70154
Kato, T., Hagimoto, K., Matsumoto, T. Solution growth of $CuGaS_2$ using In as a solvent under controlled S vapor pressure 91422
Kato, T., Hayakawa, N., Goto, Y., Matsumura, T., Kito, Y. Reduction effect on instantaneous voltage dip in advanced electric power system with superconducting power transmission cable 68175
Kato, T., Sotobayashi, H., Jung-Keun Lee, Kondo, Y., Fujii, Y. Multipoint temperature sensor using fiber-optic ring resonator by pulse-frequency localization 52898
Kato, T. *see* Akao, N. 56196
Kato, T. *see* Ando, T. 93999
Kato, T. *see* Hamada, K. 93981
Kato, T. *see* Haruna, M. 50521
Kato, T. *see* Hikita, M. 50123
Kato, T. *see* Idoue, A. 74957
Kato, T. *see* Isono, T. 82466
Kato, T. *see* Kawabe, M. 75355
Kato, T. *see* Komatsu, K. 75443
Kato, T. *see* Kumada, M. 68748
Kato, T. *see* Matsumoto, T. 61266
Kato, T. *see* Matsumoto, T. 61291
Kato, T. *see* Matsumoto, T. 71304
Kato, T. *see* Nakajima, H. 72261
Kato, T. *see* Nakasuji, M. 93112
Kato, T. *see* Nishi, M. 72260
Kato, T. *see* Takai, A. 52558
Kato, T. *see* Takusagawa, T. 91550

Kato, Y. A calibration method of microwave noise sources with different types of connectors 86936
Kato, Y. Electrode lifetimes in a plasma focus soft X-ray source 88265
Kato, Y., Daido, H., Kodama, R., Murai, K., Yuan, G., Schulz, M., Yamanaka, M., Takagi, M., Kanabe, T., Nakai, S., Neely, D., MacPhee, A., Lewis, C.L.S., Slark, G., Niibe, M., Tsukamoto, M., Fukuda, Y., Tsunemi, H., Nomoto, S., Kodama, I., Honda, T., Shinohara, K., Iwasaki, H., Yoshinobu, T. Recent progress in collisionally-excited X-ray laser research at the Institute of Laser Engineering 50730
Kato, Y., Ishii, S. Electron cyclotron resonance multicharged ion source with elemental boron 53166
Kato, Y., Sugiyama, M. Speaker-independent features extracted by a neural network 73821
Kato, Y., Yamada, M. One method of reducing harmonics by continuous current input 100921
Kato, Y. *see* Ando, T. 96244
Kato, Y. *see* Ikeda, O. 64867
Kato, Y. *see* Komiyama, K. 77687
Kato, Y. *see* Murai, K. 56613
Kato, Y. *see* Nakajima, K. 76627
Kato, Y. *see* Nakamura, T. 78647
Kato, Y. *see* Yamakawa, K. 94413
Kato, Y. *see* Yasutake, M. 76202
Kato, Z., Berthod, M., Zerubia, J. Parallel image classification using multiscale Markov random fields 84972
Katoda, T. *see* Kawata, M. 62466
Katoh, E. *see* Takahashi, E. 90344
Katoh, H. *see* Mizutani, M. 52794
Katoh, H. *see* Yoshimine, T. 77757
Katoh, I. *see* Tokuda, Y. 81203
Katoh, K. *see* Kiyohara, M. 71855
Katoh, K. *see* Yoshida, N. 61900
Katoh, K. *see* Yoshida, N. 92525
Katoh, M. *see* Hamaguchi, T. 66472
Katoh, M. *see* Kogami, Y. 87454
Katoh, R. *see* Tanamoto, T. 92112
Katoh, S. *see* Morimoto, M. 97662
Katoh, T. Temperature-independent carrier mobility in large-grain poly-Si transistors 81889
Katoh, T. *see* Ishii, K. 80688
Katoh, T. *see* Kashiwa, T. 80774
Katoh, T. *see* Toyoda, T. 61466
Katoh, Y., Kunii, T., Matsui, Y., Wada, H., Kamijoh, T., Kawai, Y. Four-wavelength DBR laser array using selective MOCVD growth 72924
Katoku, T. *see* Himeno, T. 72084
Katolikov, G.V. *see* Anisimov, V.A. 69084
Katona, Z. *see* Fodor, D. 54026
Katoo, T. *see* Kuniyoshi, S. 71535
Katoo, Y. *see* Onodera, K. 60033
Katopis, G. *see* Heid, L. 91032
Katori, H.A. *see* Nojiri, H. 83575
Katori, K., Ohmori, H., Shoji, M., Hayashi, K. Wear and corrosion resistance of Fe-N based micrograin soft magnetic thin films 72135
Katou, A. *see* Oishi, T. 48965
Katou, H. *see* Nakano, Y. 100237
Katouzi, M. *see* Sohrabi, M. 88197
Katragadda, G. *see* Sun, Y.S. 80000
Katragadda, G. *see* Sun, Y.S. 80001
Katragadda, P., Bhattacharya, S., Grosse, I.R. A computer aided design tool for robust multichip module package design 81095
Katris, J.S. *see* Alexander, J.P. 59072
Katris, J.S. *see* Alexander, J.P. 70305
Katsaggelos, A.K. *see* Banham, M.R. 84774
Katsaggelos, A.K. *see* Banham, M.R. 85006
Katsaggelos, A.K. *see* Brailean, J.C. 85005
Katsaggelos, A.K. *see* Yang, Y. 85035
Katsalap, S.M. *see* Bondarenko, V.I. 60494
Katsanevas, S. *see* von Apeldoorn, G. 88116
Katsaros, A. *see* Sloggett, J. 56249
Katsaros, E.T., Pansini, M., Pierucci, L. An LMS approach in adaptive equalisation for mobile communication 52397
Katsavos, P., Varadharajan, V. A secure Frame Relay service 85740
Katsavounidis, E. *see* Cecchini, S. 88183
Katsavounidis, I., Jay Kuo, C.-C., Zhen Zhang A new initialization technique for generalized Lloyd iteration 95710
Katsenelenbaum, B.Z. Removal of polarization degeneracy in a circular waveguide made from a material with chiral properties 94941
Katsikas, S. *see* Androutsopoulos, D. 96497
Katsikas, S.K., Lainiotis, D.G. Partitioning algorithms in underwater passive target tracking 86610
Katsikas, S.K., Leros, A.K., Lainiotis, D.G. Passive tracking of a maneuvering target: an adaptive approach 75662
Katsikas, S.K. *see* Lainiotis, D.G. 54782
Katsioulas, T. Designing in deep sub-micron 91966
Katsoufis, E. *see* von Apeldoorn, G. 88116
Katsouleas, T., Mori, W.B., Decker, C., Chiou, T.C., Wurtele, J.S., Shvets, G. Recent work on short pulse laser-plasma accelerators 76372
Katsouleas, T. *see* Barletta, B. 76636
Katsu, S. *see* Arita, K. 50138
Katsu, S.-I. *see* Sumi, T. 93798
Katsu, T. *see* Hisamatsu, T. 100452
Katsu, T. *see* Washio, H. 99102
Katsube, T. *see* Kanai, Y. 98123
Katsube, T. *see* Sato, T. 98158
Katsube, T. *see* Shimizu, M. 98124
Katsuda, T. *see* Nakagawa, K. 72725
Katsuda, T. *see* Nakagawa, K. 94403
Katsukawa, H. *see* Hasegawa, Y. 78247
Katsumata, I., Yamasaki, M., Murakami, K., Fujimoto, M., Tsukahara, H., Nanjo, Y., Yoshimura, H. Ion beam generation from a thermal contact-ionization plasma source 53264
Katsumata, M., Yamanashi, H., Ushijima, H., Endo, M. Electrical resistance of electroconductive plastic composite with carbon fiber filler 61427
Katsumata, S., Yugo, S. Submicron selective growth of diamonds by microwave plasma chemical vapor deposition 79895
Katsumata, T. *see* Nobe, Y. 82981
Katsumata, Y. *see* Matsuda, S. 50054
Katsumata, Y. *see* Matsuda, S. 70423
Katsumata, Y. *see* Saito, M. 62850
Katsumata, Y. *see* Tsuboi, Y. 49966
Katsume, T., Hiramoto, M., Yokoyama, M. High photon conversion in a light transducer combining organic electroluminescent diode with photoresponsive organic pigment film 58747
Katsumi Kishino *see* Dong-Hoon Jang 94473
Katsumoto, S., Sano, N., Shun-Ichi Kobayashi Phase velocity tuning in quantum point contacts 71186
Katsumoto, T. *see* Kubota, Y. 52730
Katsuno, H. *see* Udono, H. 61271
Katsuno, K. *see* Shibuki, M. 52706
Katsuno, M. *see* Mimura, H. 72630
Katsura, K. *see* Tanaka, S. 49489
Katsura, K. *see* Tanaka, S. 70666
Katsura, K. *see* Usui, M. 83042
Katsura, K. *see* Usui, M. 94543
Katsura, S. *see* Kohiro, K. 55696
Katsura, T., Nakamura, H., Kamiya, Y., Fujita, Y. Horizontal movement of the storage ring floor at the Photon Factory 76327
Katsura, T. *see* Nakamura, N. 76473
Katsura, T. *see* Shinoe, K. 76485
Katsura, T. *see* Shinoe, K. 76498
Katsura, T. *see* Tobiyama, M. 76584
Katsuragawa, H., Aoyagi, H., Uehara, T. Speech signal processing for digital cellular systems 85949
Katsuragi, Y. *see* Yokoya, M. 78157
Katsurashima, Y. *see* Honda, K. 52180
Katsuse, H., Numao, T., Koden, M., Miyoshi, S., Wada, T. A set of matrix addressing waveforms for the τ-V_{min} mode in ferroelectric liquid crystal displays 76116
Katsuse, H. *see* Koden, M. 72460
Katsushima, Y. *see* Nakamura, Y. 85460
Katsuta, G. *see* Ohno, H. 78122
Katsuta, H. *see* Takagi, N. 61644
Katsuyama, A. *see* Endo, M. 61717
Katsuyama, A. *see* Matsuo, T. 71540
Katsuyama, A. *see* Sasago, M. 49933
Katsuyama, A. *see* Sasago, M. 81733
Katsuyama, T., Kobayashi, T. Analog cellular mobile/portable phone 86081
Katsuyama, T., Matsumura, H. Transmission loss characteristics of telluride-based chalcogenide glass optical fibers 82540
Katsuyama, T., Ogawa, K. Excitonic polaritons in quantum-confined systems and applications to optoelectronic devices 72642
Katsuyama, T. *see* Hashimoto, J. 72801
Katsuyama, T. *see* Hiruma, K. 91541
Kattenborn, G. *see* De Grandi, G. 77239
Katter, M. *see* Wall, B. 72020
Katti, C.P., Sivalogánathan, S. On the stability of a classical second order method for solving a class of two-point boundary value problems 48869
Katto, H. *see* Anata, Y. 62508
Katto, J., Ohki, J., Nogaki, S., Ohta, M. A wavelet codec with overlapped motion compensation for very low bit-rate environment 74497
Katugin, O.V. *see* Bykovskii, Yu.A. 83106
Katulevskii, A.Yu. *see* Muminov, R.A. 61906
Katunyan, V.I. *see* Leviush, A.I. 78116
Katuscakova, V. *see* Mojzis, M. 98354
Katyukha, V.P., Kirichenko, G.S., Rusavskii, A.V., Taranov, V.B., Shamrai, K.P. Helicon ion source for plasma processing 53256
Katz, A., Dorval, R. Characteristics and modeling of passive MESFETs for non-linear control applications 92542
Katz, A., Lee, C.H., Tai, K.L. Advanced metallization schemes for bonding of InP-based laser devices to CVD-diamond heatsinks 72813
Katz, A. *see* Feingold, A. 91505
Katz, A. *see* Munidasa, M. 66587
Katz, A. *see* Pearton, S.J. 62483
Katz, A. *see* Pearton, S.J. 93180
Katz, A. *see* Wang, J.-M. 82776
Katz, A. *see* Wisk, P.W. 48949
Katz, A. *see* Yan Zhang 84724
Katz, A. *see* Zhang, Y. 57675
Katz, A.J., Thrift, P.R. Generating image filters for target recognition by genetic learning 84738
Katz, B., Rogoff, R., Foster, J., Rericha, B., Rolfson, B., Holscher, R., Sager, C., Reynolds, P. Lithographic performance at sub-300 nm design rules using high NA I-line stepper with optimized NA and σ in conjunction with advanced PSM technology 71491
Katz, B. *see* Sugiuchi, Y. 49112
Katz, C., Walker, M. An assessment of field aged 15 and 35 kV ethylene propylene rubber insulated cables 89281
Katz, D.S., Thiele, E.T., Taflove, A. Validation and extension to three dimensions of the Berenger PML absorbing boundary condition for FD-TD meshes 83634
Katz, D.S. *see* Reuter, C.E. 94909
Katz, E., Stuber, G.L. Systematic trellis-coded modulation on multipath fading ISI channels 73769
Katz, E.A., Luk'yanov, A.E., Butylkina, N.A., Evtody, B.N. SEM investigation of structural defect hydrogen passivation in silicon 62147
Katz, H. Guest Editorial. Teleaction services 60699
Katz, H., Muermann, J., Salles, J.-M. Teleaction services: standards and architectures 65130
Katz, H., Sawyers, G.F., Ginger, J.L. SDH management network: architecture, routing and addressing 74857
Katz, H. *see* Bridge, A. 51992
Katz, H.E. *see* Schilling, M.L. 81628
Katz, J. *see* Yajun Li 56842
Katz, M., Katzir, A., Schnitzer, I., Bornstein, A. Quantitative evaluation of chalcogenide glass fiber evanescent wave spectroscopy 87247
Katz, M. *see* Eger, D. 63440
Katz, M.M., Kondratiev, L.N., Pomelov, N.N., Rogal, A.D. MEVVA ion source for the ITEP synchrotron 98495
Katz, M.M., Onosovskii, K.K. A planar system for irradiating a prone patient by a proton beam from various directions 59406
Katz, P.L. *see* Rystrom, L.R. 65934
Katz, R. *see* Minot, K. 86298
Katz, R. *see* Minot, K. 97171
Katz, R.H. Reengineering government through information technology: the National Performance Review 85652
Katz, R.H. *see* Keeton, K. 75760
Katzaroff, P. Using intelligent UPS systems in the distributed processing environment 60366
Katzer, D.S. *see* Bowman, S.R. 72452
Katzer, D.S. *see* Kyono, C.S. 50579
Katzir, A. *see* Belotserkovsky, E. 69232
Katzir, A. *see* German, A. 56340
Katzir, A. *see* Katz, M. 87247
Katzir, A. *see* Messica, A. 76053
Katzir, N., Lindenbaum, M., Porat, M. Curve segmentation under partial occlusion 64587
Katzmann, F.L., Klonz, M. A thin-film dual heater ac-dc converter with infrared sensor 90463
Katzmann, R.H., Palagi, B.B. Achieving loss of full power capability vs. coasting down—an economic evaluation 89502
Kaubisch, D. *see* Beigert, M. 68242
Kaucic, S. *see* Ilic, R. 88161
Kauffman, J.M. *see* Crelerot, O. 90595
Kauffmann, B. *see* Bechade, R. 92285
Kauffmann, F., Hoffmann, B., Erbach, R., Heiliger, L., Siegmund, H.-U., Volker, M. Ca^{2+} sensor with amphiphilic Langmuir-Blodgett membranes 58668
Kauffmann, J.M., Laporte, B. Analysis of electric machines performances 100073
Kauffmann, J.M. *see* Glises, R. 89952
Kauffmann, J.M. *see* Glises, R. 89999
Kauffmann, J.M. *see* Miraoui, A. 90509
Kauffmann, M. *see* Abbott, M. 70473
Kauffmann, S. *see* Dutt, S. 66921
Kauffmann, S. *see* Tsyganov, E. 76609
Kauffmann, S.K. *see* Stupakov, G.V. 66900
Kauffmann, S.K. *see* Syphers, M.J. 66881
Kauß, H.U. *see* Lagage, P.-O. 66431
Kaufman, A. *see* Jackel, S.M. 94375
Kaufman, D. *see* Burnham, C.A. 53415
Kaufman, E. *see* Kizakevich, P.N. 77012
Kaufman, G.A. Selecting the right servo requires choosing the right communication platform 100180
Kaufman, H. *see* Koch, S. 84818
Kaufman, J. Wireless telephone systems—not wireless and not a PBX! 75243
Kaufman, K.A., Tebelak, R.M. Technology transfer: a new culture 90796
Kaufman, W.A. *see* Blinov, B.B. 87861
Kaufmann, G.H. *see* Davila, A. 83369
Kaufmann, H.H. *see* Henschel, H. 59071
Kaufmann, K. Detectors cover the spectrum of instrument applications 58764
Kaufmann, K., Balk, L.J. Electron-beam-induced gate currents in GaAs MESFET 81964
Kaufmann, K. *see* Koschinski, P. 81984
Kaufmann, R.K. The effect of expected energy prices on energy demand: implications for energy conservation and carbon taxes 68135
Kaukoranta, T. *see* Franti, P. 84825
Kaul, I.K. *see* Tickoo, A.K. 98658
Kaul, N., Biswas, G., Bhuva, B. An artificial intelligence approach to multi-level mixed-mode qualitative simulation of CMOS ICs 61471
Kaul, R. *see* Ward, A.L. 92519
Kaul, S. *see* Mehta, A. 54509
Kaul, S.K. *see* Tickoo, A.K. 98658

Kaul, S.R. *see* Tickoo, A.K. 98658
Kaulakis, Yu. Mechanism of degradation of the electronic excitation energy of dye laser molecules 63679
Kaulavkar, N., Sivakumar, G. Campus-wide distributed library search system 74997
Kaune, W.T., Savitz, D.A. Simplification of the Wertheimer-Leeper wire code 77090
Kaunisto, R. *see* Alinikula, P. 80826
Kaunisto, R. *see* Alinikula, P. 92585
Kaup, A., Aach, T. Segment-oriented coding of textured images based on successive approximation 95918
Kaup, A. *see* Aach, T. 51655
Kaup, D.J., Malomed, B.A. Soliton trapping and daughter waves in the Manakov model 63952
Kauppila, T., Builta, L., Burns, M., Gregory, W., Honaberger, D., Watson, S., Hughes, T. A flat-cathode thermionic injector for the PHERMEX radiographic facility 71028
Kauppinen, J.K., Saarinen, P.E. True linear prediction by use of a theoretical impulse response 84344
Kaupuz, J. *see* Medvid, A. 66180
Kaur, D., Wedding, D., II Reliability of Hamming code transmission versus error probability on message bits 64277
Kaur, D. *see* Bhama, S. 57748
Kaur, G. *see* Mehra, R.M. 63335
Kaur, R. *see* Virk, H.S. 87977
Kauranen, M., Tackx, P., Persoons, A. Effects of nonlinear phase shifts on the performance of a phase-conjugate interferometer 83249
Kauranen, M. *see* Tackx, P. 73052
Kauranen, M. *see* Tackx, P. 73067
Kauranen, P., Hertz, H.M., Svanberg, S. Tomographic imaging of fluid flows by the use of two-tone frequency-modulation spectroscopy 98358
Kaushal, T.P. Visibly better edge-detection using observed image contrasts 64856
Kaushik, S. *see* Hagelstein, P. 50738
Kaushik, S.C. *see* Paul, I.P.S. 89578
Kaushik, T.C. *see* Shyam, A. 98554
Kaushik, V. *see* Kenkare, P.U. 93660
Kaushik, V. *see* Pfiester, J.R. 70482
Kautek, W., Mitterer, S., Kruger, J., Husinsky, W., Grabner, G. Femtosecond-pulse laser ablation of human corneas 67613
Kautsky, J. *see* Turcajova, R. 95514
Kautz, G.M. *see* Zoltowski, M.D. 64548
Kautz, R.L., Benz, S.P., Reintsema, C.D. Large-amplitude Shapiro steps and self-field effects in high-T_c Josephson weak links 82377
Kautz, R.L. *see* Hamilton, C.A. 82361
Kavadias, S., Misiakos, K., Loukas, D. Calculation of pixel detector capacitances through three dimensional numerical solution of the Laplace equation 53319
Kavak, N. Interconnecting 802 LANs through B-ISDN 58231
Kavak, N., Laraqui, K., Nazari, A., Emberg, P. Experience and analyzes of a connectionless server for provision of broadband data communication service 65532
Kavaklioglu, K., Upadhyaya, B.R. Thermal performance monitoring of PWR's using artificial neural networks 78297
Kavalerov, V.G. *see* Yoshimine, T. 77757
Kavaliauskiene, G. *see* Rinkevicius, V. 62175
Kavalyauskas, R.A. *see* Kudoyarova, V.Kh. 94249
Kavanagh, D. *see* Bell, G.P. 96661
Kavanagh, K.L. *see* Goldman, R.S. 81229
Kavanagh, K.L. *see* Talin, A.A. 71576
Kavanagh, K.L. *see* Tu, C.W. 55641
Kavanagh, R.J. Trends in postgraduate and post-doctoral study by electrical and computer engineering students 79199
Kavanagh, R.W. *see* Greife, U. 98550
Kavanaugh, W. *see* Helm, M. 71799
Kaveh, M. *see* Wenyuan Xu 95616
Kaveh, M. *see* Xu, W. 84453
Kaveh, M. *see* You, Y.L. 85007
Kavehrad, M. *see* Ayadi, F. 82783
Kavehrad, M. *see* Ayadi, F. 96938
Kavehrad, M. *see* Ayadi, F. 97274
Kavehrad, M. *see* Banat, M.M. 97351
Kavehrad, M. *see* Barnard, C. 82972
Kavehrad, M. *see* Barnard, C.W. 94123
Kavehrad, M. *see* Hashemi, H. 75039
Kavehrad, M. *see* Hui, R. 72921
Kavehrad, M. *see* Hui, R. 83089
Kavehrad, M. *see* Jiang, Q. 97308
Kavehrad, M. *see* Simova, E. 50978
Kavehrad, M. *see* Simova, E. 56966
Kavehrad, M. *see* Simova, E. 56967
Kavehrad, M. *see* Sudhakar, G.N.M. 51854
Kavehrad, M. *see* Xin Huang 86468
Kavi, K.M. *see* Wen-Gong Shieh 95217
Kaviani, K., Madhukar, A., Brown, J.J., Larson, L.E. Realisation of doped-channel MISFETs with high breakdown voltage in AlGaAs/InGaAs based material system 49990
Kavianpour, A., Bagherzadeh, N. Parallel algorithms for line detection on a pyramid architecture 64865
Kavianpour, A., Bagherzadeh, N., Shoari, S. Finding elliptical shapes in an image using a pyramid architecture 96102
Kavianpour, A. *see* Shoari, S. 84606
Kavicky, J.A., Veselka, T.D. Modeling regional power transfers 78048
Kavokin, K.V., Merkulov, I.A. Carrier relaxation at magnetic ion pairs in semimagnetic quantum wells 92987
Kavraki, L. *see* Schweikard, A. 98945
Kawabata, A. *see* Adachi, M. 93724
Kawabata, A. *see* Zhiming Chen 94047
Kawabata, H. *see* Ikuno, Y. 61121
Kawabata, K. *see* Fujino, Y. 68642
Kawabata, K. *see* Kubo, T. 82360
Kawabata, K. *see* Morooka, T. 64217
Kawabata, K. *see* Shoki, H. 83815
Kawabata, K. *see* Tanaka, T. 70129
Kawabata, M., Sato, A., Sumiyoshi, I., Kubota, T. Photopolymer system and its application to a color hologram 50964
Kawabata, O., Oshitani, K. Development of the high voltage power switching circuit with GTOs operated by new gate-drive system 68764
Kawabata, S., Sumiyoshi, F., Matsui, K., Ishiyama, A., Kawashima, T., Takano, H. The current distribution in superconducting cable conductors with noninsulated strands 89301
Kawabata, S. *see* Kawashima, T. 72263
Kawabata, S. *see* Sumiyoshi, F. 82492
Kawabata, T. Speaker-independent speech recognition using nonlinear predictor codebooks 84125
Kawabata, T. Predictor codebook for speaker-independent speech recognition 84138
Kawabata, T., Dembo, A. The rate-distortion dimension of sets and measures 95587
Kawabata, T. *see* Ohmiya, M. 64478
Kawabata, T. *see* Shikano, K. 64393
Kawabata, Y. *see* Tsuji, H. 53202
Kawabata, Y. *see* Tsuji, H. 67266
Kawabe, H. *see* Suzaki, Y. 81248
Kawabe, K. *see* Kanai, H. 53370
Kawabe, M., Sato, T., Kato, T., Fukasawa, A. Evaluation of innercell and intercell interference on CDMA system 75355
Kawabe, M. *see* Ishibashi, K. 71187
Kawabe, T. *see* Kuroki, H. 93247
Kawabe, U. *see* Harada, Y. 70569
Kawabe, Y. *see* Honda, K. 81657
Kawachi, G., Ando, E., Aoyama, T., Konishi, N. Application of RF-plasma doping technique for fabrication of low-temperature poly-Si TFTs 71632
Kawachi, G., Aoyama, T., Mimura, A., Konishi, N. Application of ion doping and excimer laser annealing to fabrication of low-temperature polycrystalline Si thin-film transistors 55961
Kawachi, G., Kimura, E., Wakui, Y., Konishi, N., Yamamoto, H., Matsukawa, Y., Sasano, A. A novel technology for a-Si TFT-LCD's with buried ITO electrode structure 76120
Kawachi, K. *see* Kaihara, S. 60950
Kawachi, M. *see* Inoue, Y. 56403
Kawachi, M. *see* Nagase, R. 96936
Kawachi, M. *see* Nakazawa, M. 97250
Kawachi, M. *see* Okuno, M. 63460
Kawachi, M. *see* Okuno, M. 97252
Kawachi, M. *see* Suzuki, S. 72421
Kawachi, M. *see* Tachikawa, Y. 86412
Kawachi, Y. *see* Tomeoka, H. 89176
Kawada, R., Hamada, T., Matsumoto, S. A new motion estimation method with vision filter suitable for TV standards conversion 51560
Kawafuji, F. *see* Kage, T. 49109
Kawagoe, J. *see* Sasano, K. 68855
Kawaguchi, E. *see* Kamata, S.-I. 77215
Kawaguchi, G., Nakanishi, J., Otsuki, A., Oku, T., Murakami, M. Dependence of contact resistance on metal electronegativity for B doped diamond films 62303
Kawaguchi, H., Ohtsuka, M., Honma, T. Large scale wake-fields calculation using Kirchhoff's integral equation 87635
Kawaguchi, J. *see* Koda, M. 93407
Kawaguchi, K. *see* Taketomi, S. 72074
Kawaguchi, M. *see* Kamimura, M. 59459
Kawaguchi, S., Sakai, M., Maeyama, H. A twin-mechanism rotary compressor for large-capacity refrigerators 79033
Kawaguchi, S., Shimizu, T., Konishi, H., Masuda, N., Sumida, Y. An HFC134a rotary compressor for refrigerators 79031
Kawaguchi, S. *see* Ikuta, S. 63657
Kawaguchi, S. *see* Kimura, R. 67924
Kawaguchi, T., Maruno, S. Photoinduced surface deposition of metallic silver: basic research for its application to optical recording devices 82522
Kawaguchi, T., Setoguchi, T. 3-D object recognition using Hopfield-style neural networks 95749
Kawaguchi, T., Tamura, Y., Utsumiya, K. A task mapping algorithm for linear array processors 62959
Kawaguchi, T. *see* Akazawa, N. 86147
Kawaguchi, T. *see* Yamada, M. 69668
Kawaguchi, Y. *see* Kawasaki, M. 70123
Kawaguchi, Y. *see* Matsuoka, T. 72635
Kawaguchi, Y. *see* Ohno, T. 94499
Kawaguchi, Y. *see* Saito, T. 85649
Kawaguchiya, H. *see* Hamamoto, T. 92209
Kawahara, A. *see* Iwabuchi, N. 68580
Kawahara, A. *see* Mori, T. 92207
Kawahara, H., Yoneda, K., Murozono, I., Todokoro, Y. Removal of particles on Si wafers in SC-1 solution 49911
Kawahara, H. *see* Abe, K. 88115
Kawahara, H. *see* Aikawa, K. 84118
Kawahara, H. *see* Antilogus, P. 59064
Kawahara, H. *see* Antilogus, P. 59127
Kawahara, H. *see* Obara, K. 95265
Kawahara, H. *see* Yoh, K. 62296
Kawahara, K., Kumazoe, K., Takine, T., Oie, Y. Forward error correction in ATM networks: an analysis of cell loss distribution in a block 64961
Kawahara, K., Moriwake, T., Kubokawa, J., Sasaki, H., Asahara, H. A method of determining the combination of outage works 59885
Kawahara, M. *see* Jie Wu 83286
Kawahara, M. *see* Okayama, H. 72427
Kawahara, N. *see* Suzuki, M. 56263
Kawahara, T., Horiguchi, M., Etoh, J., Sekiguchi, T., Aoki, M. Low power chip interconnection by dynamic termination 71832
Kawahara, T., Horiguchi, M., Kawajiri, Y., Akiba, T., Kitsukawa, G., Kure, T., Aoki, M. A charge recycle refresh for Gb-scale DRAMs in file applications 80322
Kawahara, T., Kawajiri, Y., Horiguchi, M., Akiba, T., Kitsukawa, G., Kure, T., Aoki, M. A charge recycle refresh for Gb-scale DRAM's in file applications 61709
Kawahara, T., Yamamuka, M., Makita, T., Naka, J., Yuuki, A., Mikami, N., Ono, K. Step coverage and electrical properties of $(Ba,Sr)TiO_3$ films prepared by liquid source chemical vapor deposition using $TiO(DPM)_2$ 93705
Kawahara, T. *see* Sato, B.K. 56165
Kawahara, Y. *see* Matsumoto, T. 96426
Kawaharata, S. *see* Bisaka, Y. 96747
Kawaharata, S. *see* Iwasaki, S. 96929
Kawahata, K. *see* Ogawa, I. 62094
Kawahira, H. *see* Sugawara, M. 71474
Kawahito, S., Sasaki, Y., Sato, H., Nakamura, T., Tadokoro, Y. A fluxgate magnetic sensor with micro-solenoids and electroplated permalloy cores 66244
Kawahito, S., Sasaki, Y., Sato, H., Sang On Choi, Nakamura, T., Tadokoro, Y. Miniature fluxgate sensing element for high-performance integrated silicon magnetic sensors 52826
Kawahito, S., Takeda, K., Nishimura, T., Tadokoro, Y. A discrete Fourier analyzer based on analog VLSI technology 80511
Kawahito, S., Ueda, S., Ishida, M., Nakamura, T., Usui, S., Nagaoka, S. A CMOS integrated circuit for multichannel multiple-subject biotelemetry using bidirectional optical transmissions [weightlessness in space effects application] 67462
Kawahito, S. *see* Aoki, T. 94307
Kawahito, S. *see* Young-Tae Lee 66237
Kawahito, T., Suzuki, T. Maximizing output power of wind turbine generator by output current control 60147
Kawai, A., Nagata, H. Wetting behavior of liquid on geometrical rough surface formed by photolithography 93271
Kawai, A., Nagata, H. Wetting failure of photoresist on spin-on-glass (SOG) substrate by spin coating 93281
Kawai, A., Nagata, H., Takata, M. Shrinkage effect of local area of polymer film on adhesion behavior 71538
Kawai, A. *see* Nagata, H. 71447
Kawai, E. *see* Yoshino, T. 97752
Kawai, H., Higuchi, N., Shimizu, T., Yamamoto, S. Formant speech synthesis method based on the statistical characteristics of the phonemic environment 51378
Kawai, H., Hirose, K., Fujisaki, H. Rules for generating prosodic features for text-to-speech synthesis of Japanese 95279
Kawai, H. *see* Takahashi, Y. 51024
Kawai, H. *see* Takamasu, T. 82003
Kawai, J., Uehara, G., Kado, H. The effects of the self-magnetic fields in relaxation oscillation SQUIDs 93945
Kawai, J. *see* Ebinuma, Y. 59945
Kawai, K. *see* Honda, T. 52346
Kawai, M. Orbit analysis of the synchronous satellite ETS-V 58515
Kawai, M., Nakaya, K., Hojo, H., Okada, K. Satellite communication applications to B-ISDN 96793
Kawai, M. *see* Kashiwagi, M. 100952
Kawai, M. *see* Kurano, M. 48761
Kawai, M. *see* Motoyama, Y. 97188
Kawai, M. *see* Yamazaki, T. 94544
Kawai, N. *see* Yanagimachi, A. 96799
Kawai, O. *see* Matsuda, K. 49472
Kawai, O. *see* Matsuda, K. 55302
Kawai, S., Iwatsuki, K., Suzuki, K.-I., Nishi, S., Saruwatari, M. Reduction of timing jitter due to Gordon-Haus effect in ultra-long high speed optical soliton transmission using optical bandpass filters 65765
Kawai, S. *see* Iwatsuki, K. 94578
Kawai, S. *see* Mihara, M. 92227
Kawai, S. *see* Miyawaki, Y. 70526
Kawai, S. *see* Morimoto, M. 97662
Kawai, S. *see* Mutoh, N. 98090

Kawai, T., Iio, K., Ohta, I. A branch-line-type eight-port hybrid circuit 71009
Kawai, T., Ohta, I. Planar-circuit-type 3-dB quadrature hybrids 80601
Kawai, T. *see* Chiba, T. 68043
Kawai, T. *see* Gotoh, Y. 53249
Kawai, T. *see* Matsuda, T. 89378
Kawai, T. *see* Niu, Z. 65024
Kawai, T. *see* Shakuda, S. 90348
Kawai, T. *see* Shimizu, H.M. 98548
Kawai, T. *see* Tomita, Y. 71053
Kawai, T. *see* Tomita, Y. 72595
Kawai, T. *see* Toshiyoshi, H. 56169
Kawai, Y., Brabers, V.A.M., Simsa, Z. Ultrasonic attenuation and thermal expansion of single crystalline cobalt ferrous ferrites 72075
Kawai, Y., Konishi, N., Watanabe, J., Ohmi, T. Ultra-low-temperature growth of high-integrity gate oxide films by low-energy ion-assisted oxidation 49888
Kawai, Y. *see* Hidaka, R. 54974
Kawai, Y. *see* Hisatake, K. 72076
Kawai, Y. *see* Katoh, Y. 72924
Kawai, Y. *see* Suyama, M. 82818
Kawai, Y. *see* Suyama, M. 94271
Kawaji, A. *see* Yamaguchi, K. 93968
Kawaji, M. *see* Anata, Y. 62508
Kawaji, M. *see* Anzai, A. 50056
Kawaji, S., Hirakawa, K., Nagata, M., Okamoto, T., Fukase, T., Gotoh, T. Breakdown of the quantum Hall effect in GaAs/AlGaAs heterostructures due to current 71159
Kawaji, S. *see* Nagashima, N. 86839
Kawaji, S. *see* Nagata, M. 86929
Kawajiri, Y. *see* Kawahara, T. 61709
Kawajiri, Y. *see* Kawahara, T. 80322
Kawakami, H., Bone, D., Fordham, J., Michel, R. The effect of event shape on centroiding in photon counting detectors 87192
Kawakami, H., Miyamoto, Y., Kataoka, T., Hagimoto, K. Overmodulation of intensity modulated signals due to stimulated Brillouin scattering 86414
Kawakami, H., Sato, G., Watenabe, T., Wakabayashi, R. Circularly polarized conical beam antennas 83869
Kawakami, H. *see* Jiwari, N. 93210
Kawakami, H. *see* Sano, A. 97227
Kawakami, H. *see* Shibata, S. 98487
Kawakami, H. *see* Ueta, T. 91868
Kawakami, J., Kourogi, M., Ohtsu, M. Computer-controlled narrow-linewidth and frequency-stabilized AlGaAs laser system with unmodulated output 56773
Kawakami, J. *see* Chiba, T. 68043
Kawakami, J. *see* Takahashi, T. 89083
Kawakami, K. *see* Uedono, A. 81186
Kawakami, K. *see* Uranaka, H. 64604
Kawakami, N., Hombu, M., Ikimi, T., Ueda, A., Kamiyama, K. Quick response and low-distortion current control for multiple inverter-fed induction motor drives 60524
Kawakami, S., Hanaizumi, O. Vertical photonics: a new approach to integrate photonic devices into optical fibers 72350
Kawakami, S. *see* Hanaizumi, O. 82545
Kawakami, T. *see* Endo, M. 63481
Kawakami, T. *see* Endo, M. 94191
Kawakami, T. *see* Murooka, Y. 98246
Kawakami, T. *see* Ohsawa, Y. 53666
Kawakami, Y., Hauksson, I., Simpson, J., Stewart, H., Galbraith, I., Prior, K.A., Cavenett, B.C. Photoluminescence excitation spectroscopy of the lasing transition in ZnSe-(Zn,Cd)Se quantum wells 72871
Kawakami, Y. *see* Ichino, K. 61285
Kawakami, Y. *see* Morimoto, M. 97662
Kawakami, Y. *see* Murata, M. 93758
Kawakami, Y. *see* Mutoh, N. 98090
Kawakami, Y. *see* Suda, J. 48940
Kawakami, Y. *see* Yamaguchi, S. 83072
Kawakita, H., Moriyama, S. A symbolic analysis method using signal block diagrams and its application to bias synthesis of analog circuits 49110
Kawakita, M. *see* Fujikake, H. 94206
Kawakita, T. *see* Okuwaki, T. 50315
Kawakita, Y., Ohsawa, Y., Arai, K. Power-system stabilizing control by SMES using fuzzy techniques and neural networks 89082
Kawakubo, I., Funazaki, J., Shirane, K., Yoshizawa, A. Integrated optical-disk pickup that uses a focusing grating coupler with a high numerical aperture 94052
Kawakubo, T. *see* Nakajima, K. 76627
Kawakubo, T. *see* Ogata, A. 87880
Kawakuoo, T., Kadokura, E., Ishida, T. On the reliability of measured results by non-destructive beam profile monitor 76624
Kawakyu, K. *see* Nagaoka, M. 92572
Kawalec, A. *see* Filipiak, J. 50167
Kawall, D., Meziani, Z.-E., Gearhart, R.A., Hughes, E.W., Spengos, M. Performance of a set of large volume threshold Cerenkov detectors 98563
Kawama, Y. *see* Arimoto, S. 100576
Kawamae, O., Takeuchi, T., Kimura, I., Nagai, Y., Nishioka, M. A high speed signal processing for quadruple speed CD-ROM 80382
Kawamata, F. Optimum frame size for land mobile satellite communication channels 75298
Kawamata, F. *see* Isobe, S. 75356
Kawamata, J. *see* Ohtsuka, T. 70028
Kawamata, M. *see* Iwata, Y. 61798
Kawamata, M. *see* Yang, X. 65497
Kawamata, M. *see* Yang, X. 92377
Kawami, S. *see* Shirota, Y. 82828
Kawamo, Y. *see* Komori, T. 94053
Kawamoto, G.H. *see* Yamaguchi, T. 50074
Kawamoto, H., Satoh, H. Numerical simulation of the charging process using a contact charger roller 94725
Kawamoto, H. *see* Nishida, K. 66069
Kawamoto, K. *see* Yoshimura, T. 90617
Kawamoto, S. *see* Jianmin Zhao 77969
Kawamoto, S. *see* Zhao, J. 89014
Kawamoto, T. *see* Anderson, B.E. 88246
Kawamoto, T. *see* Ando, A. 87952
Kawamoto, T. *see* Oka, Y. 53190
Kawamoto, T. *see* Takeiri, Y. 53192
Kawamoto, T. *see* Tsumori, K. 53191
Kawamura, A., Aizawa, K., Ohtaka, K. 18-inch LED-printhead of loading with plotter 58904
Kawamura, A., Itoh, H., Sakamoto, K. Chattering reduction of disturbance observer based sliding mode control 60266
Kawamura, A., Sato, S., Hakozaki, K., Nakano, M., Tateyama, T., Hayashida, S., Yamazaki, O., Ohnishi, S., Iguchi, K., Uda, K., Sakiyama, K. A 2 V-supply voltage 16 Mb SRAM cell with load-lock-CVD poly and DCS-WSix technologies 70508
Kawamura, A. *see* Fujimoto, Y. 60246
Kawamura, A. *see* Funato, H. 99641
Kawamura, A. *see* Hoshi, N. 68657
Kawamura, A. *see* Yokoyama, T. 100217
Kawamura, H., Kizu, S., Sakaida, F., Toba, Y. The NOAA-HRPT data receiving system in the Center for Atmospheric and Oceanic Studies in the Tohoku University 67886
Kawamura, H., Sakaida, F. Estimation of the sea surface temperature in the North Western Pacific Ocean using AVHRR/NOAA 77488
Kawamura, H., Sakaida, F., Kizu, S. The AVHRR data processing system in the center for atmospheric and oceanic studies in the Tohoku University 67747
Kawamura, H. *see* Ebuchi, N. 77439
Kawamura, H. *see* Hatton, P.D. 88334
Kawamura, H. *see* Jun-Ichi Kudoh 77725
Kawamura, H. *see* Kazama, S. 67862
Kawamura, H. *see* Suzuki, H. 75112
Kawamura, H. *see* Yasuda, A. 75672
Kawamura, I. *see* Masuda, T. 56479
Kawamura, I. *see* Negi, Y.S. 58918
Kawamura, K. *see* Bishay, M. 95807
Kawamura, K. *see* Kara, A. 96001
Kawamura, K. *see* Kimata, M. 54860
Kawamura, K. *see* Kojima, H. 96779
Kawamura, K. *see* Nanri, K. 53253
Kawamura, M., Tsujiko, Y. Multispectral classification of LANDSAT TM data using a cooperative learning neural network 77710
Kawamura, M., Yasuda, A. On-board research on radio communication of a ship equipped with GMDSS 58516
Kawamura, M. *see* Ono, M. 66820
Kawamura, M. *see* Terada, K. 89337
Kawamura, M. *see* Yoshimori, S. 94549
Kawamura, N., Sakai, T., Shimaya, M. An analysis of and a method of enhancing the intensity of OBIRCH signal for defects observation in VLSI metal interconnections 62505
Kawamura, N. *see* Hoshi, Y. 88113
Kawamura, N. *see* Masuda, K. 67337
Kawamura, N. *see* Oyama, K. 98567
Kawamura, N. *see* Sakamoto, M. 59077
Kawamura, N. *see* Sawada, K. 60964
Kawamura, R., Hadama, H., Tokizawa, I. Fast VP-bandwidth management scheme utilizing distributed NE control 52009
Kawamura, R. *see* Hadama, H. 51745
Kawamura, R. *see* Hadama, H. 64947
Kawamura, S. Ultra-thin-film SOI technology and its application to next generation CMOS devices 93636
Kawamura, S. *see* Minami, K. 68926
Kawamura, S. *see* Yamaguchi, M. 57058
Kawamura, S. *see* Yamaji, M. 50028
Kawamura, T., Eguchi, Y., Shigemura, T. Compression of Huffman code table and applications 57344
Kawamura, T., Ichino, H., Suzuki, M., Genda, K., Doi, Y. Over 20 Gbit/s throughput ATM cross-point switch large scale integrated circuit using Si bipolar technology 58253
Kawamura, T., Shimizu, T. Transient phenomena on the temperature elevation of semi-insulating GaP wafers heated locally by a Nd:YAG laser beam 71109
Kawamura, T., Suzuki, M., Ichino, H. An extremely low-power bipolar current-mode I/O circuit for multi-Gbit/s interfaces 70428
Kawamura, T. *see* Bok-Hee Lee 68907
Kawamura, T. *see* Nose, T. 66153
Kawamura, T. *see* Sasaki, M. 67855
Kawamura, T. *see* Tsukamoto, H. 61755
Kawamura, Y., Matsumoto, K., Nonami, M., Niino, F. Application of piezoelectric actuator to burr-free blanking 56177
Kawamura, Y., Saito, H., Chaki, S. Parameter design of dynamic connection admission control in ATM networks 96159
Kawamura, Y. *see* Kajima, T. 83566
Kawamura, Y. *see* Murakami, E. 55724
Kawamura, Y. *see* Shikida, M. 66301
Kawamura, Y. *see* Tanabe, T. 76750
Kawamura, Y. *see* Uenohara, H. 63949
Kawana, M. *see* Oshima, Y. 96931
Kawana, M. *see* Oshima, Y. 97328
Kawanago, S., Yamane, H., Kobunaya, H., Ohgane, S., Tomimitsu, Y. LSIs for ATM-LAN μPD98401/μPD98402 96912
Kawanaka, A. *see* Fukuda, K. 84746
Kawanaka, A. *see* Ho, G. 67899
Kawanaka, A. *see* Ho, G. 97423
Kawanami, Y. *see* Ishitani, T. 59050
Kawanishi, A. *see* Sasaki, H. 73398
Kawanishi, S., Kamatani, O. All-optical time division multiplexing using four-wave mixing 97229
Kawanishi, S., Morioka, T., Kamatani, O., Takara, H., Jacob, J.M., Saruwatari, M. 100 Gbit/s all-optical demultiplexing using four-wave mixing in a travelling wave laser diode amplifier 65782
Kawanishi, S., Morioka, T., Kamatani, O., Takara, H., Saruwatari, M. 100 Gbit/s, 200 km optical transmission experiment using extremely low jitter PLL timing extraction and all-optical demultiplexing based on polarisation insensitive four-wave mixing 58399
Kawanishi, S., Saruwatari, M. 100 Gbit/s transmission using all optical circuits 65764
Kawanishi, S. *see* Kamatani, O. 58404
Kawanishi, S. *see* Morioka, T. 50490
Kawanishi, S. *see* Morioka, T. 52610
Kawanishi, S. *see* Morioka, T. 56696
Kawanishi, S. *see* Morioka, T. 56920
Kawanishi, S. *see* Morioka, T. 75399
Kawanishi, S. *see* Takara, H. 66701
Kawanishi, S. *see* Takara, H. 72988
Kawanishi, S. *see* Takara, H. 76222
Kawanishi, S. *see* Utchiyama, K. 58254
Kawanishi, T., Takamatsu, H., Kozu, T., Okamoto, K., Kumagai, H. TRMM precipitation radar 67832
Kawano, H., Ashida, Y., Nagayasu, H., Wada, M., Sasao, M., Miyake, K. Development of an electron-stimulated desorption type negative ion source using a powdery sample 53203
Kawano, H., Ishikawa, M., Toda, H., Yokota, T., Yamagata, Y. Effect of high-frequency currents on interrupting performance of GCBs 78747
Kawano, H. *see* Okuno, A. 90657
Kawano, H. *see* Okuno, A. 100945
Kawano, H. *see* Okuno, A. 100948
Kawano, H. *see* Okuno, P. 68719
Kawano, H. *see* Wada, M. 53204
Kawano, H. *see* Wada, M. 67267
Kawano, K. *see* Hamada, K. 93981
Kawano, K. *see* Isono, T. 82466
Kawano, K. *see* Nakajima, H. 72261
Kawano, S. *see* Enokizono, M. 63146
Kawano, S. *see* Enokizono, M. 82287
Kawano, T. *see* Aoki, M. 72424
Kawano, T. *see* Aoki, M. 97282
Kawano, T. *see* Tsuchiya, T. 56777
Kawano, T. *see* Uedono, A. 81186
Kawano, Y. *see* Kondoh, E. 93259
Kawanoue, T. *see* Kaneko, H. 62546
Kawanoue, T. *see* Toyoda, H. 62515
Kawaoka, T. *see* Ikehara, S. 85430
Kawarabayashi, J. *see* Takahashi, H. 59190
Kawarabayashi, J. *see* Takahashi, H. 98732
Kawarabayashi, S., Yokogawa, M., Kawasaki, A., Nakai, R. Comparisons between conventional LEC, VCZ and VGF for the growth of InP crystals 54814
Kawarada, H., Aoki, M., Ito, M. Enhancement mode metal-semiconductor field effect transistors using homoepitaxial diamonds 81979
Kawarada, H., Aoki, M., Sasaki, H., Tsugawa, K. Characterization of hydrogen-terminated CVD diamond surfaces and their contact properties 81344
Kawarada, H. *see* Aoki, M. 55656
Kawarai, K. *see* Sugino, T. 48931
Kawas Kaleh Ghassan *see* Ghassan Kawas Kaleh
Kawasaki, A. *see* Egawa, Y. 93424
Kawasaki, A. *see* Kawarabayashi, S. 54814
Kawasaki, E. *see* Amagai, M. 60962
Kawasaki, H. *see* Fernandes, M.G. 62544
Kawasaki, I. *see* Arakawa, F. 70667
Kawasaki, J., Iijima, T. A restoration of pulse density modulation image by a visual model—an analysis of one dimensional model considered a point of view and a field of vision 64720
Kawasaki, K., Ohnishi, T., Suzuki, T. On approach to estimation for area insolation distribution 100028
Kawasaki, K. *see* Shimazu, T. 56209
Kawasaki, K. *see* Taketomi, S. 72074
Kawasaki, K. *see* Watanabe, H. 81177
Kawasaki, L. *see* Iba, K. 89183
Kawasaki, M., Suzuki, H., Kawaguchi, Y. Conditions for successful low-temperature growth of hydrogenated amorphous silicon film from silyl radicals conformed to layer-growth mode 70123

Kawasaki, M. *see* Suzuki, S. 50197
Kawasaki, S. Application of interactive media in printing 51929
Kawasaki, S., Ishizuka, H., Tokuchi, A., Yamashita, Y., Nakajima, S., Sakamoto, K., Maeda, H., Shiho, M. Design and operation of inductive acceleration modules for FEL with controlled voltage ramp 66805
Kawasaki, S., Sohmuta, M. Magnetic field modulation recording with multi-pulse laser irradiation on MO disk drive 63501
Kawasaki, S. *see* Cha, K. 96978
Kawasaki, S. *see* Ishizuka, H. 63887
Kawasaki, S. *see* Miyai, H. 88409
Kawasaki, S. *see* Miyai, H. 98601
Kawasaki, S. *see* Shiho, M. 50886
Kawasaki, T., Terashima, T., Suzuki, S., Takada, T. AC surface discharge on dielectric materials observed by advanced Pockels effect technique 93694
Kawasaki, T., Terashima, T., Yongchang Zhu, Takada, T., Maeno, T. Highly sensitive measurement of surface charge distribution using the Pockels effect and an image lock-in amplifier 82713
Kawasaki, T. *see* Nakajima, H. 72261
Kawasaki, T. *see* Saitoh, Y. 88124
Kawasaki, T. *see* Saitoh, Y. 98580
Kawasaki, Y. *see* Asada, M. 59921
Kawasaki, Y. *see* Kuroi, T. 93615
Kawasaki, Z. *see* Sonoi, Y. 67801
Kawase, M., Garmire, E., Lee, H.C., Dapkus, P.D. Single-pulse pump-probe measurement of optical nonlinear properties in GaAs/AlGaAs multiple quantum wells 63978
Kawase, M., Masuda, T., Nagashima, M., Maki, T., Miyamoto, Y., Hasimoto, K. Effects of plasma-substrate distance on properties of hydrogenated amorphous silicon deposited from hydrogen-diluted silane 79898
Kawase, M. *see* Takashima, S. 97323
Kawase, N. *see* Tomizawa, M. 86441
Kawase, Y., Miyatani, O., Yamaguchi, T., Ito, S. Numerical analysis of dynamic characteristics of electromagnets using 3-D finite element method with edge elements 83556
Kawase, Y., Tatsuoka, S., Yamaguchi, T., Ito, S. 3-D finite element analysis of operating characteristics of AC electromagnetic contactors 83555
Kawase, Y. *see* Ohdachi, Y. 90069
Kawashima, H. New cuts for width-extensional mode quartz crystal resonators 82177
Kawashima, H., Andoh, F., Murata, N., Tanaka, K., Yamawaki, M., Taketoshi, K. A 1/4 inch format 250 K pixel amplified MOS image sensor using CMOS process 98094
Kawashima, H., Nakazato, M. A new cut for torsional mode quartz crystal resonators of tuning fork type 63116
Kawashima, H., Nakazato, M. TT-cut torsional quartz crystal resonators of free-free bar-type 71888
Kawashima, H., Nakazato, M. New cuts for torsional mode quartz crystal resonators 82184
Kawashima, H., Nakazato, M. New cuts for torsional mode quartz crystal resonators 93781
Kawashima, H., Nakazato, M., Shimizu, Y. Quartz temperature sensors of torsional vibration formed from doubly rotated plates 76243
Kawashima, H. *see* Fuchi, Y. 59134
Kawashima, H. *see* Sugawara, M. 98108
Kawashima, H. *see* Tanabe, K. 66150
Kawashima, I. *see* Sato, Y. 55663
Kawashima, I. *see* Takeuchi, A. 58593
Kawashima, K., Kohzawa, T., Yoshida, H., Mohri, K. Magneto-inductive effect in tension-annealed amorphous wires and MI sensors 52792
Kawashima, K. *see* Hiraoka, T. 67611
Kawashima, K. *see* Kakuda, Y. 96256
Kawashima, K. *see* Tominaga, K. 73044
Kawashima, M., Inoue, M., Tominaga, H. Rate control strategies for high-priority data in two-layer packet video transmission 51746
Kawashima, M. *see* Horikoshi, Y. 54868
Kawashima, N. *see* Nakamura, M. 85857
Kawashima, S. *see* Hojo, H. 67677
Kawashima, S. *see* Koshiishi, H. 97507
Kawashima, S. *see* Nakajima, H. 58528
Kawashima, T., Sumiyoshi, F., Kawabata, S., Ono, H., Mito, T., Yanagi, N., Takahata, K., Yamamoto, J. The Hall effect on coupling losses in aluminum-stabilized superconductors 72263
Kawashima, T., Yoshino, K., Aoki, Y. Qualitative image analysis of group behaviour 74605
Kawashima, T. *see* Kawabata, S. 89301
Kawashima, T. *see* Sakasegawa, H. 61071
Kawashima, T. *see* Sumiyoshi, F. 82492
Kawashima, Y. *see* Sakata, H. 66583
Kawasima, T., Iinuma, H., Minagawa, N. Optical semiconductor blade vibration monitoring system for gas turbine engine 98040
Kawasugi, K., Yoshino, T., Nakauchi, Y., Anzai, Y. Romeo: robot-mediated cooperative work for handling 3-dimensional physical objects 65460
Kawasumi, Y. *see* Hamada, Y. 59041
Kawata, A. *see* Hayashi, S. 60017
Kawata, H. Information technology of commercial vehicles in the Japanese parcel service business 78960
Kawata, H. *see* Yasuda, M. 71439
Kawata, K. Development activities aim at streamlining, optimizing production systems 69446
Kawata, K., Takura, A., Ohta, T. On a communication software generation method from communication service specifications described by a declarative language 65138
Kawata, K. *see* Ohuchi, M. 61758
Kawata, K. *see* Takura, A. 74876
Kawata, M., Katoda, T. Characterization of stress generated in polycrystalline silicon during thermal oxidation by laser Raman spectroscopy 62466
Kawata, M., Morita, K., Oba, E., Kamei, K., Inoue, K. Control for induction motors based on exact linearization method and H^{∞} control theory 78640
Kawata, S., Tanaka, T., Hashimoto, Y., Kawata, Y. Three-dimensional confocal optical memory using photorefractive materials 56325
Kawata, S. *see* Gomyo, A. 61309
Kawata, T., Kawauchi, K., Miyakawa, N., Kawazome, I., Yasumatsu, H., Haga, S., Takenaka, M. An outline font rendering processor with an embedded RISC CPU for high-speed hint processing 49484
Kawata, Y., Yamazaki, A., Kusaka, T., Ueno, S., Smokty, O. Atmospheric correction algorithm for remote sensing data with multi-viewing angles 77614
Kawata, Y. *see* Futigami, N. 49982
Kawata, Y. *see* Kawata, S. 56325
Kawata, Y. *see* Koshiishi, H. 77240
Kawate, K., Ohkura, K., Yamazaki, M., Kuroda, M., Nabeta, O. Organic electroluminescent devices with thiophene derivatives 82831
Kawate, Y. *see* Hase, T. 63328
Kawate, Y. *see* Kamikado, T. 82447
Kawate, Y. *see* Kamikado, T. 88565
Kawate, Y. *see* Shibutani, K. 63326
Kawato, M. *see* Igarashi, H. 84618
Kawatra, R. *see* Dutta, A. 74759
Kawatsura, K. *see* Shimatani, N. 71299
Kawauchi, H. *see* Takagi, H. 56030
Kawauchi, K. *see* Kawata, T. 49484
Kawauchi, S. *see* Ito, Y. 60294
Kawauchi, S. *see* Ito, Y. 100273
Kawauchi, S. *see* Tachibana, A. 91577
Kawauchi, Y., Nikawa, Y., Mori, S. A basic study on simultaneous heating with microwaves and ultrasound using coaxial type applicator 98942
Kawauchi, Y. *see* Kamishima, Y. 65493
Kawazawa, T., Namihira, Y. Long-term polarization mode dispersion measurement of installed optical submarine cable 97264
Kawazoe, H. *see* Yanagawa, K. 71124
Kawazoe, K. *see* Kazama, H. 75291
Kawazoe, Y. *see* Honma, S. 50374
Kawazoe, Y. *see* Hu, X. 50608
Kawazome, I. *see* Kawata, T. 49484
Kawazu, S. *see* Takeda, O. 76414
Kawazu, T. *see* Yamaguchi, M. 53022
Kawazu, Y., Kayashi, T., Ohno, M., Ono, T., Uchiyama, A. Novel ELFIN (embedded-metal-layer process for fully integrated NOR) cell for 16/64 Mbit flash EEPROM 70545
Kawazu, Y. *see* Hayashi, T. 92202
Kawski, J.L. *see* Sethi, S. 81699
Kay, J.W. *see* Gray, A.J. 64586
Kay, L.E. *see* Adams, J.G. 49939
Kay, M.G. *see* Luo, R.C. 97901
Kay, S. Simple frequency estimation via exponential samples 64545
Kay, S. Two-tiered scheme yields high mobility [wireless access communications systems for PCS/AIN] 97123
Kay, S., Nagesha, V. Estimation for processes with mixed spectra 84432
Kay, S. *see* Nagesha, V. 84371
Kay, S. *see* Nagesha, V. 84434
Kay, S.M. *see* Djuric, P.M. 74073
Kay-Cheung Chew, Tarun Soni, Zeidler, J.R., Ku, W.H. Tracking model of an adaptive lattice filter for a linear chirp FM signal in noise 74186
Kaya, C. *see* Dunn, C. 61695
Kaya, K. *see* Uslu, K.H. 98778
Kaya, N. *see* Fujino, Y. 68642
Kaya, N. *see* McSpadden, J.O. 95035
Kaya, N. *see* Matsumoto, H. 67738
Kaya, N. *see* Mazumder, M.K. 57050
Kaya, Y. *see* Ishizaka, T. 68418
Kaya Koc, C. *see* Egecioglu, O. 73630
Kaya Koc Cetin *see* Cetin Kaya Koc
Kayali, S. *see* Ponchak, G.E. 80810
Kayano, H. *see* Nagaoka, M. 92572
Kayano, H. *see* Shikama, T. 82598
Kayargadde, V., Martens, J.-B. Estimation of edge parameters and image blur from local derivatives 74284
Kayashi, T. *see* Kawazu, Y. 70545
Kayashima, S. *see* Ito, N. 67446
Kayathri, K. On the size of edge-chromatic critical graphs 79611
Kaye, A. *see* Ryan, P.M. 51272
Kaye, A.R., Anand, K., Gulliver, T.A., Mahmoud, S.A. FEC and priority for VBR video distribution over ATM 85873
Kaye, A.R. *see* Anand, K. 96129
Kaye, A.R. *see* Dong, L. 85855
Kaye, A.R. *see* Omundsen, D.S. 75085
Kaye, M. *see* Reuster, D. 50994
Kaye, P.H. *see* Hirst, E. 99304
Kaye, R.J. *see* Azzi, H. 99466
Kaye, R.J. *see* Murphy, L. 59774
Kaygusuz, K. Performance of an air-to-air heat pump under frosting and defrosting conditions 60626
Kayhan, A.S., El-Jaroudi, A., Chaparro, L.F. Evolutionary periodogram for nonstationary signals 64500
Kaynak, A., Mohan, A.S., Unsworth, J., Clout, R. Plane-wave shielding effectiveness studies on conducting polypyrrole 73391
Kaynak, A. *see* Unsworth, J. 91651
Kays, R. Channel coding and modulation for digital TV transmission 52688
Kayser, D. *see* Stich, H. 97479
Kayssi, A.I., Sakallah, K.A. Delay macromodels for point-to-point MCM interconnections 79315
Kayukawa, A. Medical Application of Hi-Vision 76889
Kaza, R.K. *see* Mossessian, D.A. 88284
Kazacha, V. *see* Perelstein, E. 76542
Kazachenko, E. *see* Sekachev, I.V. 87943
Kazakevich, V.S., Morozov, K.V., Petrov, A.L., Popkov, G.N. Use of an LC transmission line to supply the discharge in a pulsed electron-beam-controlled CO laser 63655
Kazakevich, V.S. *see* Igoshin, V.I. 63653
Kazakos, D. *see* Pados, D.A. 74174
Kazakov, A.I., Syrovoy, V.A. On antiparaxial expansions for axisymmetrical relativistic electron beams 83520
Kazakov, A.N. Analysis of the noise immunity of a suboptimal algorithm for separating quasi-orthogonal signals 57460
Kazakov, A.N. Analysis of the effectiveness of linear code channeling with correction of the baseband signal 64919
Kazakov, E.Y. *see* Nikulin, A.D. 82326
Kazakov, O.I. Identification of the matrix of state equations using state variable vector values 70260
Kazakov, O.I. Determination of a matrix for the equations of state using vector values of state variables 91686
Kazama, H., Nitta, S., Kawazoe, K., Morikura, M., Kato, S. Semi-autonomous synchronization for TDMA-TDD communication systems 75291
Kazama, H., Nitta, S., Morikura, M., Kato, S. Semi-autonomous synchronization among base stations for TDMA-TDD communication systems 86152
Kazama, H. *see* Sugiyama, T. 86276
Kazama, S., Sawamoto, M., Kawamura, H. Snow area detection by using AVHRR/NOAA 67862
Kazami, K., Takada, Y., Fujimoto, S., Yoshida, T., Ogata, H., Kado, H. A Drung-type magnetometer mounted on a GM cryocooler 59263
Kazami, K., Takada, Y., Uehara, G., Matsuda, N., Kado, H. Evaluation of Drung-type magnetometers for multi-channel systems 56247
Kazami, K. *see* Takada, Y. 97908
Kazandzhan, N.N., Kiryusha, A.M., Kolisnichenko, M.V., Sukhorukov, I.V. Computer-aided design of microwave solid-state amplifiers 61945
Kazandzhan, N.N., Sukhorukov, I.V. Algorithms for calculating the signal and noise characteristics of linear microwave integrated circuits 55419
Kazanin, M.M. *see* Golikova, O.A. 93126
Kazanskii, A.G., Yarkin, D.G. Drift mobility of electrons in phosphorus-doped a-Si:H 71084
Kazanskii, I.N., Rukhadze, A.A. Feasibility of generation of a high-power ultrashort electromagnetic pulse using a scanned relativistic electron beam 57138
Kazanskii, P.G. *see* Dianov, E.M. 83247
Kazanskiy, N.L. *see* Soifer, V.A. 50560
Kazansky, N. *see* Gorelov, G. 58215
Kazansky, P.G., Dong, L., Russell, P.St.J. High second-order nonlinearities in poled silicate fibers 56348
Kazansky, P.G., Dong, L., Russell, P.St.J. Vacuum poling: an improved technique for effective thermal poling of silica glass and germanosilicate optical fibres 72347
Kazansky, P.G., Russel, P.St.J., Pannell, C.M. Optical fibre electrets: observation of electro-acousto-optic transduction 87238
Kazansky, P.G. *see* Dianov, E.M. 56337
Kazansky, P.G. *see* Dianov, E.M. 63967
Kazansky, P.G. *see* Dianov, E.M. 63969
Kazansky, P.G. *see* Russell, P.St.J. 63974
Kazantsev, Yu.M., Chernyshev, A.I., Lekarev, A.F. Formation of quasi-slipping processes in pulse PWM transducers 91891
Kazanzides, P. *see* Taylor, R.H. 67628
Kazaoui, S., Ravez, J., Elissalde, C. Dielectric relaxation in ceramics with composition $(Ba_{1-y}Pb_y)TiO_3$ 56138
Kazarezov, I. *see* Nezhevenko, O. 76375
Kazarinov, N. *see* Perelstein, E. 76542
Kazarinov, R. Silica waveguides and waveguide devices on silicon: technology and applications 50539
Kazarinov, R.F. *see* Ackerman, D.A. 56810
Kazarinov, R.F. *see* Andrekson, P.A. 63764
Kazarinov, R.F. *see* Ochiai, M. 82523
Kazarlis, S. *see* Bakirtzis, A. 77909

Kazarov, S.A. *see* Borovkov, V.M. 53936
Kazarov, Yu.V. *see* Aleksandrov, M.S. 99179
Kazaryan, M.A., Zemskov, K.I. Copper vapor laser in dynamic holography 64028
Kazaryan, S.L. On the choice of single-layer ladder windings with a fractional number of slots per pole and phase 78569
Kazekami, Y., Hirose, H. Components for commercial communications satellites 97214
Kazekas, K. Parallel processing for image sequence coding case study 95765
Kazeminejad, A., Navi, K., Etiemble, D. CML current mode full adders for 2.5-V power supply 55242
Kazeminejad, A. *see* Navi, K. 55226
Kazerani, M., Ooi, B.T. Direct AC-AC matrix converter based on three-phase voltage-source converter modules 90209
Kazharsky, O.V. *see* Goncharov, I.G. 52934
Kazi, M. *see* Attar, G. 90432
Kazimi, R., Fugitt, J., Krycuk, A., Sinclair, C.K., Turlington, L. CEBAF's new RF separator structure test results 67157
Kazimi, R. *see* Krycuk, A. 67110
Kazimi, R. *see* Simrock, S.N. 67045
Kazimierczuk, M.K. Open-loop dc and small-signal characteristics of PWM buck-boost converter for CCM 80101
Kazimierczuk, M.K. Series resonant converter with phase-controlled synchronous rectifier 90211
Kazimierczuk, M.K., Czarkowski, D. Application of the principle of energy conservation to modeling the PWM converters 100260
Kazimierczuk, M.K., Mescher, M.J. Class D converter with half-wave regulated synchronous rectifier 61541
Kazimierczuk, M.K., Sathappan, N., Czarkowski, D. Voltage-mode-controlled PWM buck DC-DC converter with a proportional controller 55115
Kazimierczuk, M.K., Vuong, D.Q., Nguyen, B.T., Weimer, J.A. Topologies of bidirectional PWM dc-dc power converters 59512
Kazimierczuk, M.K. *see* Cravens, R.C. 80100
Kazimierczuk, M.K. *see* Czarkowski, D. 54108
Kazimierczuk, M.K. *see* Jutty, M.K. 55121
Kazimierczuk, M.K. *see* Strawser, R.E. 80099
Kazimierski, P. *see* Tyczkowski, J. 48986
Kazior, T.E. *see* Hur, K.Y. 71324
Kazior, T.E. *see* Hur, K.Y. 93199
Kazlauskas, A. *see* Ullrich, B. 63590
Kazlauskas, A. *see* Ullrich, B. 63996
Kazmark, D., Jr. *see* Karl, F.X. 76705
Kazmerski, L.L. Atomic imaging, atomic processing and nanocharacterization of $CuInSe_2$ using proximal probe techniques 62448
Kazmerski, L.L. Arrays to atoms: the evolution of characterization 100607
Kazmerski, L.L. *see* Abou-Elfotouh, F.A. 90393
Kazmerski, L.L. *see* Abou-Elfotouh, F.A. 100508
Kazmerski, L.L. *see* Moutinho, H.R. 93105
Kazmierski, C. *see* Blez, M. 56811
Kazmierski, C. *see* Mathoorasing, D. 86346
Kazmierski, C. *see* Nakajima, H. 83174
Kazmierski, C. *see* Ougazzadeo, A. 94446
Kazmierski, T.J. *see* Nichols, K.G. 70269
Kazor, A., Gwilliam, R., Boyd, I.W. Growth rate enhancement using ozone during rapid thermal oxidation of silicon 71362
Kazor, A., Jeynes, C., Boyd, I.W. Fluorine enhanced oxidation of silicon at low temperatures 81540
Kazovsky, L. *see* Hickey, M. 65838
Kazovsky, L.G. *see* Fan, J.C. 86459
Kazovsky, L.G. *see* Fong, T.K. 52591
Kazovsky, L.G. *see* Fong, T.K. 86461
Kazovsky, L.G. *see* Kagi, H. 97317
Kazovsky, L.G. *see* Kalman, R.F. 75475
Kazovsky, L.G. *see* Kalman, R.F. 97298
Kazovsky, L.G. *see* Taranenko, N.L. 72336
Kazovsky, L.G. *see* Ting-Kuang Chiang 72310
Kazukauskas, V., Vaitkus, J. Investigation of transient transport and recombination phenomena in semiinsulating GaAs 62159
Kazukauskas, V. *see* Vaitkus, J. 82801
Kazumori, M. *see* Arai, K. 82513
Kazuyoshi, T. *see* Keiji, T. 77740
Ke, W., Menon, P.R. Synthesis of delay-verifiable two-level circuits 49313
Ke, W., Menon, P.R. Realization of fully path-delay-fault testable non-scan sequential circuits 49392
Ke, W., Menon, P.R. Delay-verifiability of combinational circuits based on primitive faults 92022
Ke Chen Error equidistribution and mesh adaptation 69781
Ke Chen, Qu Fei Chen, Qi Xiu Chen Power MOSFET's parasitic effect analysis in HF switching mode applications 90170
Ke Dai *see* Dai Ke
Ke Daoming, Tong Qinyi, Feng Yaolan, Liao Tiankang DC transfer characteristic analysis of high temperature CMOS digital integrated circuits 62985
Ke Jeng-Yi *see* Jeng-Yi Ke
Ke Liu *see* Lei Jian Liu 74363
Ke Lu, Perry, P., Brazil, T.J. A new SPICE-type heterojunction bipolar transistor model for DC, microwave small-signal and large-signal circuit simulation 81838
Ke Qing *see* Qing Ke
Ke Shen, Cook, G.W., Jamieson, L.H., Delp, E.J. An overview of parallel processing approaches to image and video compression 64688
Ke Shyh-Yeong *see* Shyh-Yeong Ke
Ke Wu A combined efficient approach for analysis of nonradiative dielectric (NRD) waveguide components 55377
Ke Wu, Maurin, D., Akyel, C., Bosisio, R.G. The coplanar waveguide (CPW) technique for wideband dielectric measurement: a new concept 87441
Ke Wu, Saguet, P. Transverse transmission theory for multilayer planar microwave circuits 70918
Ke Wu, Yansheng Xu, Bosisio, R.G. A technique for efficient analysis of planar integrated microwave circuits including segmented layers and miniature topologies 61954
Ke Wu, Yansheng Xu, Bosisio, R.G. Theoretical and experimental analysis of channelized coplanar waveguides (CCPW) for wideband applications of integrated microwave and millimeter-wave circuits 80741
Ke Wu *see* Berini, P. 64206
Ke Wu *see* Berini, P. 83728
Ke Wu *see* Hongming An 95002
Ke Wu *see* Ji Li 75177
Ke Wu *see* Ji Li 90618
Ke Wu *see* Li, J. 75611
Ke Wu *see* Ming Yu 94913
Ke Wu *see* Tongqing Wang 80848
Ke Wu *see* Yansheng Xu 80775
Ke Yang Ji *see* Ji Ke Yang
Ke Youan *see* Zhang Running 85272
Ke Youan *see* Youan Ke
Ke-Bin Zhao *see* Zhao Ke-Bin
Ke-Chih Wu, Zhiping Yu, So, L., Dutton, R.W., Sato-Iwanaga, J. Robust and efficient AC analysis of high-speed devices 62647
Ke-Chu Yi *see* Wei-Ying Li 95302
Ke-Cun Zhang *see* Zhang Ke-Cun
Ke-Jian Guan *see* Guan Ke-Jian
Ke-Jie Li *see* Li Ke-Jie
Ke-Li Wu, Chen Wu, Litva, J. An application of FD-TD method for studying the effects of packages on the performance of microwave and high speed digital circuits 92566
Ke-Li Wu *see* Ji Chen 91399
Ke-Li Wu *see* Ping-Ya Zhao 80562
Ke-Ming Wang, Bo-Rong Shi, Shi-Jie Ma, Xiang-Dong Liu, Hong-Ying Zhai, Tian-Bin Xu, Pei-Ran Zhu, Qing-Tai Zhao Damage behavior of silicon by MeV Ge^+ irradiation under tilted angle 93134
Ke-Ming Wang, Bo-Rong Shi, Zhong-Lie Wang, Xiang-Dong Liu, Shi-Jie Ma, Tian-Bing Xu, Pei-Ran Zhu, Qing-Tai Zhao Damage profiles in silicon tilt angles bombarded by high energy Cu ions 93116
Ke-Qiang Liao, Mason, L. A congestion control framework for broadband ISDN using selective window control 96809
Keam, R.B. Plane wave excitation of an infinite dielectric rod 94772
Kean Chen *see* Chen Kean
Kean Huang *see* Huang Kean
Keane, D., Treanor, C., Licciardi, C., Mota, T. Defining and structuring service requirements on the IN in order to evaluate IN architecture initiatives 96858
Keane, D.M. *see* Hoff, T. 100002
Keane, J. *see* Hanna, S.M. 67159
Keane, J. *see* Pohl, E. 97531
Keane, J. *see* Thomas, M.G. 67234
Keane, J. *see* Whitham, K. 67008
Keane, M.K., Rogers, R.C. Computations on a relaxed model of a rigid ferromagnet 93873
Keane, M.S. *see* Bedford, T. 95794
Kearney, J. *see* Huang, H.C. 80781
Kearney, P.A. *see* Montcalm, C. 63543
Kearney, P.A. *see* Montcalm, C. 72548
Kearns, D. *see* Flanagan, K.A. 59232
Kearns, M., Valiant, L. Cryptographic limitations on learning Boolean formulae and finite automata 64275
Kearns, M. *see* Blum, A. 73761
Kearsey, B.N., Etesse, L. Standardization - The uniting factor 96348
Kearsley, A.J. *see* Knowles, M.R.H. 82928
Keatch, R.P., Lawrenson, B. A microstructure for detecting the stress distribution in thin coatings deposited on to silicon substrates 75955
Keates, T.A. *see* Leonowicz, M. 71948
Keating, D. *see* Bradnam, M.S. 88491
Keating, D. *see* Lee, N.C. 59418
Keating, D.A. *see* Karatzas, L.S. 83077
Keating, D.A. *see* Karatzas, L.S. 86802
Keating, D.B. *see* Kyrazis, D.T. 94839
Keating, P. *see* Donahue, J. 66950
Keaton, M., Buehrer, R.M., Kwatra, S.C., Junghwan Kim A wideband communications satellite for the National Research and Education Network 86278
Keats, J.B. *see* Deely, J.J. 69646
Keats, J.B. *see* Montgomery, D.C. 60995
Keay, B.J. *see* Allen, S.J. 71163
Keay, B.J. *see* Guimaraes, P.S.S. 49797
Keay, C.S.L. Audible fireballs and geophysical electrophonics 83684
Kebichi, O. *see* Nicolaidis, M. 80337
Kebin Xu *see* Hongxi Zhang 63349
Kebin Xu *see* Xu Kebin
Kebin Zhao *see* Zhao Kebin
Kebo Chen *see* Chein-I Chang 84638
Kececioglu, D., Feng-Bin Sun Mixed-Weibull parameter estimation for burn-in data using the Bayesian approach 69625
Kececioglu, D., Siyuan Jiang, Vassiliou, P. The modified Gompertz reliability growth model 54625
Keche, M., Ouamri, A., Ouldmammar, M. An enhanced minimum eigenvector algorithm for high-resolution estimation of frequencies 51509
Kechek, A.G. *see* Zhilyaev, Yu.V. 81980
Kechriotis, G., Manolakos, E.S. Training fully recurrent neural networks with complex weights 51283
Kechriotis, G., Zervas, E., Manolakos, E.S. Using recurrent neural networks for adaptive communication channel equalization 51290
Kechriotis, G.I., Manolakos, E.S. Using neural networks for nonlinear and chaotic signal processing 74107
Kechu Yi *see* Yi Kechu
Keck, R., Scheffer, K.-D., Schulze, P. Long distance technology for networked workstations 59846
Kedem, B., Yakowitz, S. Practical aspects of a fast algorithm for frequency detection 95369
Kedem, B. *see* Li, T.H. 84438
Kedem, B. *see* Ta-Hsin Li 64431
Kedous-Lebouc, A., Errard, S., Cornut, B., Brissonneau, P. Magnetic loss and B(H) behaviour of non-oriented electrical sheets under a trapezoidal exciting field 63139
Kedous-Lebouc, A. *see* Marion-Pera, M.C. 63086
Kedous-Lebouc, A. *see* Marion-Pera, M.C. 68516
Kedous-Lebouc, A. *see* Nencib, N. 66657
Kee Changdon *see* Changdon Kee
Kee Chung Who *see* Who Kee Chung
Kee Lee Kwang *see* Kwang Kee Lee
Kee Soo Nam *see* Tae Moon Roh 93450
Kee Tae Han *see* Jae Kap Jung 58953
Kee Woo Rhee *see* Shirey, L.M. 81598
Kee Yang Seung *see* Seung Kee Yang
Kee Yoon Jung *see* Jung Kee Yoon
Kee Young Yoo *see* Jin Pyo Hong 92110
Keefe, T.J. Reference potential source: why is it required and how it is utilized on the Commonwealth Edison Co. System 89394
Keefer, C. *see* Norton, D. 86323
Keefer, C.W., Ward, M.J. Modified interferometric in-line time integrating correlator 50615
Keefer, D. *see* Xiaohang Peng 53523
Keefer, D. *see* Xiaohang Peng 57055
Keeffe, M. *see* Qun Shen 87757
Keegan, L.S. *see* Mace, S.E. 54213
Keel, B.K. Application of the TRELSS program to the PSI Energy transmission system 89185
Keele, B.D. *see* Addleman, R.S. 53075
Keele, D.B., Jr. Anechoic chamber walls: should they be resistive or reactive at low frequencies? 97723
Keeler, R. *see* Gingrich, D. 53291
Keeley, D. A new scrambling system for Hong Kong Cable 86746
Keeley, D. *see* Corbett, W.J. 98404
Keeling, A.G. *see* Williams, E.W. 76099
Keen, T.G., Heaps, D.J., Lundquist, F.E., Wong, A.S. CEMS software testing for function and certification 89614
Keenan, J.A. *see* Chih-Chen Cho 54870
Keene, M.N., Chew, N.G., Goodyear, S.W., Edwards, J.A., Humphreys, R.G., Lander, K., Satchell, J.S. High-temperature superconducting gradiometric SQUIDs and flux transformers 72242
Keene, M.N. *see* Goodyear, S.W. 72222
Keeney, D.S. *see* Rutkowski, H.L. 66802
Keep, G.T. Temperature limits of thermoplastic connectors in IR ovens 49717
Keepin, B. *see* Mills, D.R. 68491
Keerthipala, W. *see* McLaren, P.G. 78226
Kees, N., Detlefsen, J. Road surface classification by using a polarimetric coherent radar module at millimeter waves 75614
Kees, N., Detlefsen, J. Road surface classification by using a polarimetric coherent radar module at millimeter waves 86597
Keese, C.R., Giaever, I. A biosensor that monitors cell morphology with electrical fields 67588
Keesoo Yeom, Hinckley, J.M., Singh, J. Theoretical study on threshold energy and impact ionization coefficient for electrons in $Si_{1-x}Ge_x$ 55584
Keeton, K., Drapeau, A., Patterson, D., Katz, R.H. Storage alternatives for video service 75760
Keevers, M.J., Green, M.A. Efficiency improvements of silicon solar cells by the impurity photovoltaic effect 54152
Keevers, M.J., Green, M.A. Efficiency improvements of silicon solar cells by the impurity photovoltaic effect 100626
Keewook Chung *see* Seong-Ik Jang 66063
Keewook Chung *see* Yongman Lee 66062
Keffer, C.E., Torr, M.R., Zukic, M., Spann, J.F., Torr, D.G., Jongmin Kim Radiation damage

effects in far-ultraviolet filters, thin films, and substrates 88640
Keffer, C.E., Torr, M.R., Zukic, M., Spann, J.F., Torr, D.G., Kim, J. Radiation damage effects in far ultraviolet filters and substrates 63538
Kefford, D., Pisani, R., Scronfani, D., Wall, D., Winn, D.R., Hurlbut, C., Moser, W., Arthurs, E., Buzel, G., Drozdowicz, Z.B., Hinman, C., LaPierre, C. Liquid scintillator core fibers with polymer claddings 59092
Kefford, D. *see* Arrington, K. 88112
Kefford, D. *see* Arrington, K. 98564
Kefford, D. *see* Arrington, K. 98634
Kefford, D. *see* Brown, D. 59084
Kegelmeyer, W.P., Jr. Evaluation of stellate lesion detection in a standard mammogram data set 59279
Kegelmeyer, W.P., Jr. *see* Woods, K.S. 59276
Keh-Ching Huang, Carroll, M., Starnes, G., Lake, R., Janes, D., Webb, K., Melloch, M. Numerically generated resonant tunneling diode equivalent circuit parameters 93307
Keh-Jeng Chang, Soo-Young Oh, Chang, N.H., Lik Mui, Shiesen Peng, Young, K., Raje, P. Nondestructive multilevel interconnect parameter characterization for high-performance manufacturable VLSI technologies 71431
Keh-Jiann Chen *see* Lin-Shan Lee 95300
Keh-Ning Chang *see* Ming Ouhyoung 58093
Keh-Shin Lii *see* Sadler, B.M. 95386
Keh-Yi Lee, Way-Seen Wang Ray-optics analysis of the coupling efficiency from a Gaussian beam to a rectangular multimode embedded strip waveguide 64184
Keh-Yung Cheng *see* Pearah, P.J. 63788
Kehias, L. *see* Bayraktaroglu, B. 61932
Kehler, A.S. *see* Brown, P.F. 73780
Kehne, A. *see* Abramowski, S. 96842
Kehne, D., Reiser, M., Rudd, H. Numerical and experimental studies of halo formation due to mismatch in a space-charge dominated electron beam 66858
Kehne, D. *see* Brown, N. 66857
Kehne, D. *see* Wang, D.X. 87816
Kehne, D. *see* Wang, J.G. 87913
Kehoe, C.A. *see* Gibson, D.V. 69477
Kehoe, D.F. *see* Mann, R.S. 79445
Kehoe, D.F. *see* Mann, R.S. 79446
Kehr, M., Oetjeng, D. Power station projects for the 1990s 89618
Kehr, M. *see* Eitz, A.W. 53923
Kehtarnavaz, N. *see* Kang, D.S. 57823
Kehtarnavaz, N. *see* Sohn, W. 57914
Kehu Yang *see* Yang Kehu
Kei May Lan *see* Agahi, F. 62234
Kei May Lau *see* Agahi, F. 48935
Kei-Shun Lau *see* Liu, T.M. 82092
Kei-Yong Khoo, Kwentus, A., Willson, A.N., Jr. An efficient 180MHz programmable FIR digital filter 70751
Keiding, S.R. *see* Brorson, S.D. 55659
Keif, B. *see* Weeks, A.R. 74378
Keihm, S.J. *see* Ruf, C.S. 67858
Keiji, T., Keiko, K., Kazuyoshi, T., Hiroshi, M. Strain imaging of lead-zirconate-titanate thin film by tunneling acoustic microscopy 77740
Keike, J. Color gamut of flat panel displays 87364
Keiko, K. *see* Keiji, T. 77740
Keiko, M.-F., Kikuchi, T., Hotta, M. Measurement of digital noise in mixed-signal integrated circuits 80499
Keil, N., Yao, H.H., Zawadzki, C., Strebel, B. 4×4 polymer thermo-optic directional coupler switch at 1.55 μm 50548
Keil, N., Yao, H.H., Zawadzki, C., Strebel, B. Space-switching at 1.55 μm using thermo-optic tunable polymer waveguide devices 86025
Keil, N. *see* Cai, L. 61105
Keil, U.D., Dykaar, D.R., Kopf, R.F., Darack, S.B. Reflectivity measurements of femtosecond carrier and field dynamics in semiconductors 63576
Keilig, W. *see* Vobian, J. 82617
Keilin, V.E. An approach to deduce quench fields of superconducting magnets from model coils testings 82457
Keilmann, F., Zuckermann, H. Transient gain of the germanium hot hole laser 63738
Keilson, J. *see* Conway, A.E. 51764
Keim, P. An overview of PET quality assurance procedures. I 53382
Keimel, J., Krutzenbichler, A., Fritsch, G. X-ray reflectivity of multiple delta-type doping profiles in silicon 62414
Keinath, H. Digital service radio networks in private mobile radio 65689
Keinert, F. Biorthogonal wavelets for fast matrix computations 54804
Keinonen, T. *see* Schwider, J. 50543
Keiper, J. Why utilities go digital for I&C replacement [nuclear plants] 99907
Keirsted, R. *see* Speliotis, D.E. 50281
Keiser, G.M. *see* Xiao, Y. 52819
Keiser, J. Plasma technology: from the arc to superconductivity 79298
Keita, N.M. Behaviour of straight pipe Coriolis mass flowmeters in the metering of gas: theoretical predictions with experimental verification 98373
Keith, C. CD results for 6" 250 mil PBS photoblanks for a 0.50 micron generation photomask process 62561
Keith, M. Future directions for Indeo Video 75716
Keith, M.W. *see* Memberg, W.D. 88554
Keith, R.D.F., Westgate, J., Ifeachor, E.C., Greene, K.R. Suitability of artificial neural networks for feature extraction from cardiotocogram during labour 76885
Keither, W.J. *see* Yu, S. 62358
Keitoku, S., Ezumi, H. Preparation of CdS/CdTe solar cell by laser ablation 100465
Keizer, E. *see* Goodwin, P.A. 53465
Keizer, P.H.M. Ceramic multicomponent modules: a new approach to miniaturization 79333
KeJian Dai *see* Dai KeJian
Kejriwal, H. *see* Thapar, B. 68309
Kekelidze, J. *see* Fanti, V. 76788
Kekre, H.B. *see* Khalid, M. 74998
Kekre, H.B. *see* Khalil, E.A. 85686
Kekre, H.B. *see* Khalil, E.A. 85842
Kekre, H.B. *see* Khalil, E.A. 85845
Kelan Li *see* Shulian Zhang 72956
Kelarestaghi, M. *see* Fatemi, M. 59323
Kelb, P. *see* Helbig, J. 49077
Kelb, R. *see* Cho, Y. 87949
Kelber, J., Triebel, S., Scarbata, G. Configurable MIN and MAX fuzzy operators with multiple inputs in analogue CMOS technology 82083
Kelch, J., Wein, B. Segmentation of the tongue surface in ultrasonic images using modified scale space filtering 98775
Kelchner, R. *see* Lum, N. 58851
Keldmann, T. *see* Olesen, J. 60900
Kelecy, T.M., Born, G.H., Parke, M.E., Rocken, C. Precise mean sea level measurements using the Global Positioning System 59571
Kelekar, S.G. *see* Hart, G.W. 74851
Kelemen, A. *see* Imecs, M. 90329
Kelemen, T. Transformer tertiary and how to handle it 78692
Kelemen, T. *see* Bodlovic, P. 68697
Kelen, A. El ageing: development of concepts and approaches 82111
Keles, C., Narli, E. Real time computing requirements of the "Fieldbus" 58209
Kelkar, P. *see* Ding, J. 72870
Kelkar, P. *see* Ding, J. 94457
Kelkar, P. *see* Salokatve, A. 72873
Kellali, S., Jecko, B., Reineix, A. Absorbing surface impedances of lossy layers in the finite difference time-domain method 57068
Kellam, M. *see* Bothra, S. 82100
Kellam, M. *see* El-Kareh, B. 62969
Kellam, M.D. *see* Bobbio, S.M. 57061
Kelleher, A., McDonnell, N., O'Neill, B., Lane, W., Adams, L. Investigation into the re-use of PMOS dosimeters 77095
Kelleher, M.D. *see* Joshi, Y. 69567
Kelleher, M.D. *see* Mukutmoni, D. 90985
Keller, A. Cable television networks—technology and services 52725
Keller, B.P., Keller, S., Herrnberger, H., Lenzner, J., Nilsson, S., Seifert, W. Compositional gradients in $Ga_xIn_{1-x}As$ on patterned InP substrates grown by atmospheric-pressure metalorganic vapour phase epitaxy 54893
Keller, C. *see* Duelli, M. 57021
Keller, C.U. *see* Povel, H.P. 76080
Keller, D.A., Reissner, J. Metal forming using coated tools 60641
Keller, H.-G. *see* Budde, W.O. 55205
Keller, H.-G. *see* Honig, K. 75138
Keller, H.B. *see* Jaeschke, A. 99302
Keller, J., Dubuisson, O. Formal description of OSI management information structure as a prerequisite for formal specifications of TMN interfaces 96508
Keller, J., Schwene, M. Milsatcom architecture 75358
Keller, J. *see* Drefenstedt, R. 85244
Keller, J. *see* Mogre, A. 51651
Keller, J. *see* Rashid, E. 92286
Keller, J. *see* Shahidi, G.G. 71790
Keller, J.G. A methodology by power quality measurements for wind turbines and remote communities 89771
Keller, J.M., Gader, P., Tahani, H., Jung-Hsien Chiang, Mohamed, M. Advances in fuzzy integration for pattern recognition 84912
Keller, K. *see* Anderson, R. 88679
Keller, L.P. *see* Cavalli-Sforza, M. 87772
Keller, M. *see* Rauch, G.B. 89316
Keller, O. *see* Ansheng Liu 94605
Keller, O. *see* Bozhevolnyi, S.I. 94648
Keller, P.A. Odd cathode-ray tubes 76139
Keller, R. Final analysis of the ALS lattice magnet data 76670
Keller, R. Survey and alignment data analysis for the ALS storage ring 76702
Keller, R., Effelsberg, W. MCAM: an application layer protocol for movie control, access, and management 57994
Keller, R., Fischer, S., Effelsberg, W. Implementing movie control, access and management—from a formal description to a working multimedia system 65399
Keller, R.G. *see* Hubbard, G.S. 88069
Keller, R.G. *see* Hubbard, G.S. 98614
Keller, R.G. *see* McMurray, R.E., Jr. 59110
Keller, S. *see* Efland, T. 61660
Keller, S. *see* Keller, B.P. 54893
Keller, T.L. *see* Clark, L.G. 58839
Keller, U. Ultrafast all-solid-state laser technology 56667
Keller, U. *see* Sizer, T., II 63478
Keller, U. *see* Weingarten, K.J. 72742
Keller, W.C., Plant, W.J., Petitt, R.A., Jr., Terray, E.A. Microwave backscatter from the sea: modulation of received power and Doppler bandwidth by long waves 67840
Keller, W.C. *see* Askari, F. 67844
Keller, W.C. *see* Plant, W.J. 67837
Kellert, F. *see* Tan, T.S. 72606
Kelley, A.W., Wilson, T.G., Owen, H.A., Jr. Analysis of the ferroresonant transformer with a rectified output in the low-line-voltage minimum-line-frequency full-load condition 70961
Kelley, A.W. *see* Baran, M.E. 89212
Kelley, A.W. *see* Harris, M.B. 68332
Kelley, A.W. *see* Nance, J.L. 60358
Kelley, C.T., Sachs, E.W. Multilevel algorithms for constrained compact fixed point problems 54735
Kelley, C.T. *see* Morris, A.S. 62719
Kelley, E.F. *see* Field, B.F. 66608
Kelley, J. *see* Lettieri, T. 87128
Kelley, K.E., Beahler, C.C. Burning hazardous waste in cement kilns: a study of emissions, offsite concentrations, and health effects in Midlothian, Texas 60662
Kelley, L.A. *see* Cavalli-Sforza, M. 87772
Kelley, L.A. *see* Klein, S.R. 98488
Kelley, M.R. Organizational resources and the industrial environment: the importance of firm size and inter-firm linkages to the adoption of advanced manufacturing technology 60836
Kelley, P. Meeting the passive node challenge 86317
Kelley, R.B. *see* Nicewarner, K.E. 53503
Kelley, R.L. *see* Stahle, C.K. 53334
Kelley, R.L. *see* Stahle, C.K. 53363
Kelley, R.T., Carlson, N.A., Berning, S. Integrated inertial network 67963
Kelliher, T.P., Irwin, M.J. A systolic VLSI architecture for multi-dimensional transforms 70599
Kelliher, W.C. *see* de Rochemont, L.P. 63279
Kelling, C., Hommel, G. Modeling priority schemes with timed Petri nets 96249
Kellndorfer, J., Schadt, R., Mauser, W. The use of multitemporal ERS-1 SLC data for landuse classification 67888
Kellnerova, V. *see* Tomco, L. 71929
Kellogg, N. *see* Calvert, J. 66819
Kellogg, R.G. *see* Anderson, B.E. 88246
Kells, K. *see* Fichtner, W. 93299
Kelly, C. *see* Shields, J. 66022
Kelly, C.P.J. On-the-fly engineering units conversion 97853
Kelly, C.P.J. *see* Raak, G.I. 92307
Kelly, E. *see* Anerella, M. 76663
Kelly, E. *see* Gupta, R. 76648
Kelly, E. *see* Lindner, M. 82420
Kelly, E. *see* Muratore, J. 82419
Kelly, E. *see* Nowatzyk, A. 50090
Kelly, E. *see* Wanderer, P. 82421
Kelly, E. *see* Wanderer, P. 82422
Kelly, F.P. On tariffs, policing and admission control for multiservice networks 85278
Kelly, F.P., Key, P.B. Dimensioning playout buffers from an ATM network 64908
Kelly, G., Lyden, C., O'Mathuna, C., Slattery, O., Hayes, T., Exposito, J. The correlation of shear stress and metal shift: a modeling approach [packaging] 91019
Kelly, G.E. *see* Allred, L.G. 75997
Kelly, J. *see* Burke, C. 96320
Kelly, J.F. *see* Varadan, V.K. 83822
Kelly, J.H. *see* McKenty, P.W. 83262
Kelly, J.J., Myers, D.P. Transformer life extension through proper reinhibiting and preservation of the oil insulation 60290
Kelly, J.J. *see* Boonekamp, E.P. 71334
Kelly, J.L., Ivey, P.A. Defect tolerant SRAM based FPGAs 92054
Kelly, M.A. *see* Olson, D.S. 79934
Kelly, M.B. The influence of management on the development of ATM networks 51965
Kelly, M.H. Where do we stand on cable standards? 59954
Kelly, M.J., Folds, D.J. Intelligent vehicle-highway systems (IVHS): the 'I' in IVHS is still mostly human intelligence 78903
Kelly, M.J. *see* Billen, K. 71314
Kelly, M.J. *see* Leckey, J.G. 81972
Kelly, M.T. *see* Beddoe, A.H. 59428
Kelly, P.A., Chen, G. Iterative segmentation algorithms using morphological operations 84952
Kelly, P.H., Chau, P.M. A flexible constraint length, foldable Viterbi decoder 73681
Kelly, P.H., Page, K.J., Chau, P.M. Rapid prototyping of ASIC based system 93593
Kelly, P.J. *see* Young, J.F. 62182
Kelly, R. *see* Pazmany, A. 88783
Kelly, R. *see* Pazmany, A.L. 77405
Kelly, R. *see* Verdi, L. 49884
Kelly, R. *see* Verdi, L. 71349
Kelly, R.D. *see* Pazmany, A.L. 77414

Kelly, R.G. Microway: a structured design exercise for teaching microprocessor applications 90819
Kelly, R.J., Davis, J.M. Required navigation performance (RNP) for precision approach and landing with GNSS application 88654
Kelly, S.W. *see* Mirlohi, H.R. 98750
Kelly, T.D. The IPS-71 advanced digital ionosonde 67828
Kelly, T.D. *see* Lynn, K.J.W. 83691
Kelly, T.P., Grimes, J.S. Space Station Freedom communications systems compatibility and performance testing 86306
Kelly, W.M. *see* Floyd, L.P. 66645
Kel'man, V.A., Klimovskii, I.I., Shpenik, Yu.O. Generation-excitation mechanism in bismuth-vapor laser 63641
Kelner, G. *see* Binari, S.C. 55891
Kelner, G. *see* Binari, S.C. 80661
Kelner, J. *see* Sadok, D.F.H. 96565
Kelsall, G.J., Smith, M.A., Cannon, M.F. Low emissions combustor development for an industrial gas turbine to utilize LCV fuel gas 78452
Kelson, I., Levy, Y., Nir, D., Haustein, P.E. A monoenergetic electron source generated by nuclear stimulated desorption 67278
Kel'zon, A.S., Meller, A.S. Speed limits for rotors running in tapered bearings 100068
Kemei Wang *see* Rodricks, B. 88048
Kemei Wang *see* Sung Shik Yoo 88040
Kemenade, A.J.van *see* van Kemenade, A.J.
Kemeny, S.E. *see* Mendis, S. 52950
Kemeny, S.E. *see* Mendis, S.K. 66459
Kemeny, S.E. *see* Mendis, S.K. 98096
Keming Chen, Elasser, A., Torrey, D.A. A soft switching active snubber optimized for IGBTs in single switch unity power factor three-phase diode rectifiers 68800
Keming Chen *see* Chen Keming
Kemmelings, J.G.C., Linnenbank, A.C., Muilwijk, S.L.C., SippensGroenewegen, A., Peper, A., Grimbergen, C.A. Automatic QRS onset and offset detection for body surface QRS integral mapping of ventricular tachycardia 88488
Kemmerer, R., Meadows, C., Millen, J. Three systems for cryptographic protocol analysis 57371
Kemmochi, Y. *see* Mori, M. 90695
Kemmotsu, K., Kanade, T. Uncertainty in object pose determination with three light-stripe range measurements 52962
Kemp, D.P. *see* Tremain, T.E. 73871
Kemp, J., Bright, J. Maximizing revenue for Inmarsat signatories 86289
Kemp, K. *see* Hayden, J.D. 63040
Kemp, M., Mujica, V., Ratner, M.A. Molecular electronics: disordered molecular wires 81112
Kempa, K. *see* Graf, M.J. 63293
Kempe, M. *see* Deitche, J. 73196
Kempel, L.C., Volakis, J.L. Scattering by cavity-backed antennas on a circular cylinder 95013
Kempel, L.C. *see* Volakis, J.L. 73270
Kempel, L.C. *see* Volakis, T.L. 51054
Kemper, M.J. *see* Heydt, G.T. 99660
Kemple, V. *see* Bailey, M. 77775
Kemple, W. *see* Bailey, M. 85481
Kempson, V.C., Jorden, A.R., Crosland, N.C.E., Wilson, M.N., Schouten, J.C., Townsend, M.C., Anderson, R.J. The HELIOS series of advanced, synchrotron based, X-ray sources 87892
Kemptner, E. Determination of lines of constant phase in the near-field of a metallic cube and an airplane 73294
Ken Hsu *see* Longo, L. 97134
Ken Xu *see* Xu Ken
Ken Yang Chih-Kong *see* Chih-Kong Ken Yang
Ken Yuh Hsu *see* Chau-Jern Cheng 83376
Ken Yuh Hsu *see* Ching-Cherng Sun 72516
Ken-An Lou, Zimmermann, B., Yaniv, G. Combined sensor system for process and in-service health monitoring of composite structures 98050
Kenarangui, R., Seifi, A. Fuzzy power flow analysis 59860
Kenarangui, R., Seifi, A. Fuzzy optimal reactive power control 89144
Kenawy, M.A. *see* El-Fiki, S.A. 86837
Kenawy, M.A. *see* El-Fiki, S.A. 88579
Kendal, B. Air navigation systems. Chapter 5. The development of British airborne primary radar, 1935-1945 97409
Kendall, C.L. *see* Collins, S.R. 90420
Kendall, D. *see* Fleddermann, C.B. 54397
Kendall, J.D., Kolk, J.K., Boothroyd, A.R., Vincent, D.A. A low frequency AC method to measure the doping profile in the channel region of a MOSFET with general extendability to the semiconductor surface 50033
Kendall, P.C. *see* Benson, T.M. 50528
Kendall, P.C. *see* Benson, T.M. 50841
Kendall, P.C. *see* Smartt, C.J. 50556
Kendall, P.C. *see* Smartt, C.J. 72354
Kendall, P.C. *see* Smartt, C.J. 94136
Kendle, P.D., Temple, V.A.K., Arthur, S.D. Switching comparison of generation 1 and generation 2P-MCTs and ultrafast N-IGBTs 62733
Kendrew, T.J. *see* Thapar, B. 68309
Kendrick, R.D. *see* Rugar, D. 66291
Kendrick, R.L., Acton, D.S., Duncan, A.L. Phase-diversity wave-front sensor for imaging systems 98092
Keng Wu Loop gain of a spacecraft switched shunt power system 99098
Kenington, P.B. *see* Parsons, K.J. 49183
Kenington, P.B. *see* Parsons, K.J. 49195
Kenington, P.B. *see* Parsons, K.J. 61586
Kenji Narita *see* Xiaojun Yu 63246
Kenji Uchino *see* Duckchool Lee 52825
Kenjo, T. Power electronics for the microprocessor age (with corrections) 79143
Kenkare, P.U., Pfiester, J.R. Extending LOCOS-based approaches for sub-0.5 μm CMOS 93631
Kenkare, P.U., Pfiester, J.R., Hayden, J.D., Subrahmanyan, R., Hegde, R.I., Kaushik, V. Sensitivity of field isolation profiles to active pattern 93660
Kenkare, P.U. *see* Ajuria, S.A. 93185
Kenkare, P.U. *see* Hayden, J.D. 63040
Kenkare, P.U. *see* Pfiester, J.R. 71803
Kenmochi, H. *see* Kasahara, Y. 83652
Kenmoku, E. *see* Arakaki, T. 85929
Kenmoku, K. *see* Mizoguchi, T. 85978
Kennan, W. *see* Aoki, Y. 80728
Kennaugh, R.J. Streamer sub-structure in a seeded noble gas MHD generator 100776
Kennedy, A., O'Connor, W. Design issues for medium resolution metal resonant force transducers 87095
Kennedy, A.J., Ross, L. Performance of fused fibre devices for EDFA applications 86523
Kennedy, A.M. *see* Grootoonk, S. 59288
Kennedy, D.N. *see* Worth, A.J. 67507
Kennedy, D.N. *see* Worth, A.J. 67516
Kennedy, E.J. *see* Todd, R.A. 88236
Kennedy, E.J. *see* Todd, R.A. 98675
Kennedy, E.J. *see* Wagner, L.S. 83674
Kennedy, E.M. *see* Thomas, R.E. 67460
Kennedy, H.V. Modeling noise in thermal imaging systems 66437
Kennedy, J. *see* Arrington, K. 88112
Kennedy, J. *see* Arrington, K. 98564
Kennedy, J. *see* Mehta, A. 54509
Kennedy, J.J. *see* Bhat, I.B. 61257
Kennedy, J.J. *see* Chu, M. 91528
Kennedy, J.M. *see* Barclay, R.O. 60851
Kennedy, J.T. *see* Mueller, E.R. 63675
Kennedy, K., Schrack, G. Approximate spatial reasoning using vague object boundaries 95762
Kennedy, R.A. *see* Dogancay, K. 51276
Kennedy, R.A. *see* Vembu, S. 74633
Kennedy, R.A. *see* Yamazaki, K. 74088
Kennedy, R.S. Improvements in routine factory tests for partial discharge detection in GIS using pulse discrimination techniques 54125
Kennedy, R.S., Berbaum, K.S., Smith, M.G. Methods for correlating visual scene elements with simulator sickness incidence 99410
Kennedy, R.S., Ritter, A.D., Berbaum, K.S., Smith, M.G. Development of a microcomputer based battery of temporal factors tests 98216
Kennedy, T. *see* Thompson, P.E. 61247
Kennedy, W.K. *see* Carlisle, C.J. 83967
Kennedy, W.K. *see* Clark, M.V. 52407
Kennedy, W.L. *see* Delayen, J.R. 67081
Kennedy, W.L. *see* Shepard, K.W. 67135
Kennel, E.B. *see* Sahin, S. 78329
Kennel, G. Digital film scanning and recording: the technology and practice 52731
Kennel, H.W. *see* Griffin, P.B. 93120
Kennerud, R.A. *see* Oberg, D.L. 70580
Kenney, C., Hewer, G., Kuo, W. A survey of optical flow methods for tracking problems 57839
Kenney, C. *see* Snoeys, W. 63578
Kenney, C.S., Laub, A.J. A hyperbolic tangent identity and the geometry of Pade sign function iterations 69785
Kenney, J.S., Briggs, R.D., Smith, A.W., Yurtkuran, E.K., Irby, J.H., Hunt, W.D. A heterostructure acoustic charge transport delay line for sonet radio adaptive multipath equalization 97079
Kenney, J.S., Hunt, W.D. A physically based small-signal circuit model for heterostructure acoustic charge transport devices 50166
Kenney, M.E. *see* Scott, K. 49729
Kenney, W.J. *see* Miller, J.R. 82404
Kennis, P. *see* Carpentier, J.F. 70926
Kennis, P. *see* Delabie, C. 92504
Kennis, P. *see* Delplanque, Y. 73433
Kennis, P. *see* Helal, M. 57158
Kennis, P. *see* Helal, M. 80849
Kennis, P. *see* Saidi, K. 55418
Kenniston, A. *see* Anjard, R.P. 79479
Kenny, B.H. *see* Sudhoff, S.D. 60295
Kenny, J.E. *see* Jarvis, G.B. 83277
Kenny, J.P. *see* Mittleman, S.D. 95029
Kenny, P., Labute, P., Li, Z., Hollan, R., Lennig, M., O'Shaughnessy, D. A new fast match for very large vocabulary continuous speech recognition 84115
Kenny, T.W., Kaiser, W.J., Rockstad, H.K., Reynolds, J.K., Podosek, J.A., Vote, E.C. Wide-bandwidth electromechanical actuators for tunneling displacement transducers 87077
Kenny, T.W. *see* Rockstad, H.K. 66241
Kensek, R.P. *see* Soubeyran, A. 77116
Kenshole, G. *see* Yang, L.C. 100511
Kent, D.C., Rath, N. Filter spaces [category FIL] 54669
Kent, G. Non-destructive permittivity measurement of substrates 87438
Kent, G. *see* Chung-Yin Kwok 80339
Kent, G.D. Automated RF test system for digital cellular telephones 97094
Kent, H. *see* Washburn, J. 59471
Kent, M. *see* Lobbia, R. 73960
Kent, R.J., Jr. *see* Hsu, J.C. 48606
Kent, S. *see* Landau, S. 83927
Kent, S. *see* Scheinberg, N. 61835
Kent, S.D. *see* Huan-Shang Tsai 83866
Kent, S.D. *see* Tsai, H.S. 87490
Kent Fuchs, W. *see* Savin, H.V. 70382
Kent Fuchs, W. *see* Yi-Min Wang 57987
Kenter, A., Goddard, R., Gomes, J., Lessing, J., Murray, S., Moore, R., Roll, R., Valenza, M., Zombeck, M. The MCP readout for the AXAF-I grating spectrometer 59233
Kentfield, J.A.C. Theoretically and experimentally obtained performances of Gurney-flap equipped wind turbines 89769
Kentfield, J.A.C., Panek, M. An improved perimeter-bladed rotor for water-pumping wind-turbines 89770
Kenward, D.R.D. *see* Keyte, G.E. 77282
Kenwell, Z. *see* Nikolic, Z.M. 76990
Kenyon, A.J. *see* Golan, G. 77730
Kenyon, I. *see* Da Via, C. 53348
Kenyon, S. *see* Bechade, R. 92285
Kenyon, W.G. Managing the transition on a global scale—changing the cleaning agent means changes to equipment, processes, process control specifications and standards 81065
Kenzie, B. Robots to inspect welds underwater 79465
Keo, S. *see* Martin, R.D. 63847
Keogh, D.B. Birth-death processes suitable for modelling the output of video coders: Part II 83890
Keohan, C.F., Ray, P.S., Jorgensen, D. Dynamics of a developing squall line 88773
Keoleian, G.A., Glantschnig, W.J., McCann, W. Life cycle design: AT&T demonstration project 90948
Keon Cheong Cha *see* Cha Keon Cheong
Keong Ung Ioi *see* Ioi Keong Ung
Keppel, W. 20 years of the Type 13 ABB gas turbine. From 55 to 165 MW, reflection on an evolution 68463
Keppert, M. *see* Ondris, L. 98356
Keppner, H., Torres, P., Fluickiger, R., Meier, J., Shah, A., Fortmann, C., Fath, P., Willeke, G., Happle, K., Kiess, H. Passivation properties of amorphous and microcrystalline silicon layers deposited by VHF-GD for crystalline silicon solar cells 100572
Keppner, H. *see* Fluckiger, R. 100530
Keppner, H. *see* Meier, J. 90380
Keprt, A. *see* Woo, S.Y. 66287
Kepten, A. *see* Juravel, Y. 94274
Keqian Lu *see* Bao Hua Zhuang 75928
Kequin Wu *see* Wu Kequin
Ker, J.-S. *see* Yang, W.-P. 61459
Keradec, J.P., Cogitore, B., Laveuve, E., Bensoam, M. Equivalent circuits for multi-winding coupled circuits 54063
Keradec, J.P. *see* Cogitore, B. 78678
Keramidas, V.G. *see* Philips, B.A. 61299
Keramidas, V.G. *see* Ramesh, R. 55660
Keramidas, V.G. *see* Tanaka, M. 54845
Keratishvili, N.G. *see* Ginzburg, V.M. 87175
Kerber, M., Bertagnolli, E., Mahnkopf, R., Popp, J., Felder, A., Rein, H.M., Weisgerber, A., Klose, H. A high performance BiCMOS process featuring 40 GHz/21 ps 63037
Kerber, M. *see* Bertagnolli, E. 71612
Kercel, S.W. *see* Dress, W.B. 57597
Kerdiles, J. *see* Semenkoff, M. 86314
Kerdiles, J.F. *see* Clesca, B. 52596
Kerdiles, J.F. *see* Devaux, F. 94187
Kerdiles, J.F. *see* Mathoorasing, D. 86346
Kerek, A. *see* Alippi, C. 53346
Kerek, A. *see* Alippi, C. 67381
Kerek, A. *see* Dell'Acqua, A. 87955
Kerek, A. *see* Dell'Acqua, A. 98680
Keren, D., Subrahmonia, J., Cooper, D.B. Integrating algebraic curves and surfaces, algebraic invariants and Bayesian methods for 2D and 3D object recognition 74627
Keren, D. *see* Lee, C.-Y. 96057
Keresteciogiu, F., Zarrop, M.B. Input design for detection of abrupt changes in dynamical systems 54573
Keresztes, P. *see* Agotai, I. 61457
Keresztes-Nagy, Z., Harsanyi, G. Technology of optical waveguide thick films 82668
Kereszturi, A. *see* Gado, J. 53889
Kerfoot, I.B., Bresler, Y. Design and theoretical analysis of a vector field segmentation algorithm 84941
Kerfoot, I.B. *see* Belmont, A.S. 88464
Kerhart, J., Khun, U. 6-GHz-propagation on inclined terrestrial radio links 57109
Keri, A.J.F., Musa, Y.I., Halladay, J.A. Insulation coordination for delta connected transformers 68676
Kerkel, K. *see* Forchel, A. 55637
Kerkhof, J.C.van *see* van Kerkhof, J.C.
Kerkhof, K., van Halderen, A. AAL type 5 to support the broadband connectionless data bearer service 58170

Kerkhoff, M., Linnartz, J.-P.M.G., Prasad, R. Spectrum efficiency of packet switched data in mobile cellular networks 58335
Kerkman, R.J., Leggate, D., Seibel, B.J., Rowan, T.M. Inverter gain compensation for open loop and current regulated PWM controllers 90111
Kerkman, R.J., Leggate, D., Seibel, B.J., Rowan, T.M. An overmodulation strategy for PWM voltage inverters 100322
Kerkman, R.J., Rowan, T.M., Leggate, D., Seibel, B.J. Control of PWM voltage inverters in the pulse dropping region 68806
Kerkvliet, H.M.M. *see* Meijer, G.C.M. 58864
Kerlin, S.K. Probabilistic design analysis: methods and applications 54446
Kermarrec, C., Dawe, G., Tewksbury, T., Meyerson, B., Harame, D., Gilbert, M. SiGe technology: application to wireless digital communications 81843
Kermarrec, C., Tewksbury, T., Dawe, G., Baines, R., Meyerson, B., Harame, D., Gilbert, M. New application opportunities for SiGe HBTs 92616
Kermene, V. *see* Colombeau, B. 83023
Kermorgant, H. *see* Belhoucine, B. 83579
Kern, A., Kim, K.-H., Kunz, U. A novel approach for designing and analysing power electronics and control applications 90524
Kern, A., Kunz, U. Introduction of an easy-to-use simulation system for electrical drive systems 90501
Kern, D. *see* Mii, Y. 71677
Kern, D.P. Nanoelectronic devices: opportunities and challenges 93294
Kern, E.C., Jr. *see* Russell, M.C. 100714
Kern, S. *see* Ridley, R. 53670
Kern, S. *see* Ridley, R. 55142
Kern, S. *see* Wittmann, R. 91747
Kern Koh *see* Hyun Tae Jung 58198
Kerner, A. *see* Danilychev, V. 61980
Kerner, H. *see* de Campos Cruz, L.J. 59848
Kernohan, W.G. *see* Barr, D.A. 76993
Kerns, C. *see* Kerns, Q. 67169
Kerns, D.V. *see* Kang, W.P. 76110
Kerns, Q., Popovic, M.B., Kerns, C., Moretti, A. Performance of Litton 805 MHz, 12 MW klystrons 67169
Kerns, Q. *see* Sun, D. 67161
Kerns, S. Hardening at the design level 70357
Kerns, S.E. *see* Massengill, L.W. 71781
Keronen, J. *see* Pflasterer, R. 68109
Kerpen, G.S.M. *see* Bergmans, J.W.M. 64553
Kerr, D. *see* Davila, A. 83369
Kerr, D. *see* Rodriguez-Vera, R. 76194
Kerr, J. *see* Simons, D.A. 66426
Kerr, J.A., Wootten, D., Robson, N., Ellis, R. An 8K×8 SRAM designed for high transient radiation tolerance 70461
Kerr, J.D. *see* Rodriguez, L.A. 59793
Kerr, J.D. *see* Rodriguez, L.A. 68091
Kerr, Y.H. *see* Calvet, J.-C. 77700
Kerrebroeck, P.E.V.van *see* van Kerrebroeck, P.E.V.
Kerrick, T.A. *see* Blackford, D.B. 98344
Kerridge, B. Intelligent power ICs: auto applications drive up single chip's IQ 54232
Kerrigan, J. Dependence of staring sensor uniformity on background flux and focal plane temperature 66497
Kersch, A., Morokoff, S., Schuster, A. Radiative heat transfer with quasi-Monte Carlo methods [RTP] 93110
Kersch, A., Morokoff, W. Accelerated Monte Carlo modeling of an RTCVD-reactor 91575
Kersch, A., Morokoff, W., Werner, C., Restaino, D., Vollmer, B. Modeling of a sputter reactor using the direct simulation Monte Carlo method 61394
Kersch, A. *see* Maly, W. 93542
Kersch, D. *see* Bristow, J. 67728
Kerscher, W.J., III System assurance at AC Rochester 54447
Kersebom, T. *see* Kruger, E. 82758
Kersevan, R. *see* Anashin, V.V. 98393
Kersevan, R. *see* Bernardini, M. 87647
Kersevan, R. *see* Shu, Q.S. 87932
Kersey, A.D. Interrogation and multiplexing techniques for fiber Bragg grating strain-sensors 52889
Kersey, A.D., Davis, M.A. Fiber Bragg grating based sensors with nonlinear strain transduction 87207
Kersey, A.D. *see* Davis, M.A. 52895
Kersey, A.D. *see* Davis, M.A. 98056
Kersey, A.D. *see* Moeller, R.P. 76041
Kersey, A.D. *see* Sirkis, J. 52932
Kersey, A.D. *see* Sirkis, J. 98059
Kersey, A.D. *see* Sirkis, J.S. 99042
Kersey, A.D. *see* Weis, R.S. 98060
Kershaw, D.J., Evans, R.J. Optimal waveform selection for tracking systems 95586
Kershaw, J.J. *see* Chapin, F.W. 92669
Kershaw, S.M., Sandler, M.B. Digital signal processing on a sigma-delta bitstream 49516
Kershenbaum, A. *see* Hong Liu 51952
Kershenbaum, A. *see* Murray, K. 58004
Kersjes, R. *see* Werno, J. 66203
Kersley, L., Russell, C.D., Rice, D.L. Scintillation and electron content in the polar cap 73334
Kersley, L. *see* Bishop, G.J. 73331
Kersley, L. *see* Raymund, T.D. 65907
Kerslick, G.S. *see* Ivers, J.D. 68678
Kerslick, G.S. *see* Kuang, E. 76846
Kersteins, D. *see* Johnson, K.F. 76427
Kersten, L. *see* Marnette, W. 69255
Kersten, P., Schammler, G.K.H., Reichl, H. An additive approach to multichip modules, using electroless metallization processes 48695
Kersting, R., Schwedler, R., Kohl, A., Leo, K., Kurz, H. Ultrafast carrier dynamics in $In_{1-x}Ga_xAs/InP$ heterostructures 94476
Kersting, W.H., Phillips, W.H. Distribution feeder line models 78100
Kerszenbaum, I., Rodriguez, A., Pitzer, J.W., Nguyen, E. Thermal characterization of distribution cable banks to dynamically rate circuit ampacities 89245
Kerth, D.A., Kasha, D.B., Mellissinos, T.G., Piasecki, D.S., Swanson, E.J. A 126 dB linear switched-capacitor delta-sigma modulator 97874
Kertis, R.A. *see* Philpott, R.A. 49573
Kertzman, M.P., Sembroski, G.H. Computer simulation methods for investigating the detection characteristics of TeV air Cherenkov telescopes 53287
Kervella, B. *see* Gay, V. 96569
Kervrann, C., Heitz, F. A statistical model-based approach to unsupervised texture segmentation 64774
Kervrann, C., Heitz, F. A hierarchical statistical framework for the segmentation of deformable objects in image sequences 84680
Kerwin, G.J., Galbraith, R.L., Coker, J.D. Performance evaluation of the disk drive industry's second-generation partial response maximum likelihood data channel 50332
Kerwin, W. *see* Hsiu, L. 100213
Kerzar, B., Broberg, B., Westergren, U., Sellberg, F., Andre, J., Carlden, H. Ultra wide band optical receiver frontend 86527
Kesamaru, K. *see* Nonaka, S. 68565
Kesamaru, K. *see* Nonaka, S. 68581
Kesan, V. *see* Taur, Y. 62851
Kesan, V.P. *see* Agnello, P.D. 49984
Kesan, V.P. *see* Kuo-Wei Liu 56008
Keselbrener, M., Ruschin, S. Mode design by mirrors with an on-axis hole 72960
Keshav, S. *see* Saran, H. 64959
Keshu Xu *see* Dazeng Feng 82777
Kesidis, G., Walrand, J. Quick simulation of ATM buffers 65026
Kesidis, G., Walrand, J. Quick simulation of ATM buffers with on-off multiclass Markov fluid sources 74655
Keska, J.K. Experimental investigation of spatial concentration spectra of a solid in a slurry in horizontal pipeline flow 66766
Keskar, D.V. *see* Khan, A.I. 70456
Keskar, P.Y. Specification of variable frequency drive systems to meet the new IEEE 519 standard 78882
Kesler, M.P. *see* Buck, J.A. 80586
Kesling, W.D. *see* Chakhovskoi, A.G. 66602
Kesong Hu *see* Qingyuan Wang 94318
Kessel, W. *see* Buchholz, F.-I. 86938
Kesseler, G. *see* Fanti, V. 76788
Kessels, J. *see* Van Berkel, K. 55048
Kessels, J. *see* van Berkel, K. 97735
Kesser, K.F., Hoffman, M.A., Baughn, J.W. Analysis of a basic chemically recuperated gas turbine power plant 60102
Kessler, B. *see* Thiele, J.-U. 81205
Kessler, E. *see* Lemarechal, H. 97122
Kessler, E.G., Jr. *see* Deslattes, R.D. 86969
Kessler, F. *see* Hilal, M.A. 82499
Kessler, F.R. Light diffusion characteristic and visibility interferences in automobile windshields 98744
Kessler, I. *see* Bar-Noy, A. 65621
Kessler, J. International entertainment on the Internet: customer needs-based-networking 96697
Kessler, J., Ruckh, M., Hariskos, D., Ruhle, U., Menner, R., Schock, H.W. Interface engineering between $CuInSe_2$ and ZnO 93006
Kessler, J., Schmid, D., Schaffler, R., Schock, H.W., Menezes, S. Electro-optical and photoelectrochemical studies of $CuIn_3Se_5$ chalcopyrite films 100654
Kessler, J. *see* Lommasson, T.C. 90439
Kessler, K. *see* Zogg, H. 61259
Kessler, L.W. Manufacturing improvements through acoustic micro inspection process control 91104
Kessler, L.W. *see* Martell, S.R. 92828
Kessler, T. *see* Henkel, W. 65200
Kessler, Th., Baumann, H., Reinmann, J., Friedrich, K., Omet, R., Bethge, K. Analysis and characterization of a new magneto-optic display material 56212
Kessler, V., Wedel, G. AUTLOG—an advanced logic of authentication 74930
Kester, J.J. *see* Weitzman, P.S. 56372
Kester, J.J. *see* Weitzman, P.S. 63971
Kester, O. *see* Kleinod, M. 53154
Kesteven, M. Microwave holography for antenna metrology 73520
Kestigian, K. *see* Mitra, P. 91526
Kestin, J. *see* Bilicki, Z. 89511
Kestin, J. *see* Bilicki, Z. 89512
Kestin, J. *see* Bilicki, Z. 89513
Keszegh, L. *see* Slama, J. 72061
Ketata, K. *see* Ketata, M. 52907
Ketata, K. *see* Latry, O. 82568
Ketata, M., Latry, O., Martinescu, I., Ketata, K., Debrie, R. Coupling between two optical fiber for stress distributed sensing 52907
Ketata, M. *see* Latry, O. 82568
Ketchel, J.M. Imaging tool applications for nuclear power plants 68363
Ketchen, M.B. *see* Koch, R.H. 72226
Ketchen, M.B. *see* Koch, R.H. 93946
Ketchen, M.B. *see* Stawiasz, K.G. 80887
Ketchum, D. *see* Anandan, M. 52989
Ketchum, D. *see* Anandan, M. 52990
Ketel, M., Kurz, L. Robust sequential MIPA array processor with dependent sampling 64476
Ketel, M., Kurz, L. Array processing using robust partition statistics 74194
Ketel, M., Kurz, L. Robust array processing detectors in dependent noise 84395
Ketelsen, L.J.P. Simple technique for measuring cavity loss in semiconductor lasers 83195
Ketkar, S.N., Scott, A.D., Maroulis, P.J., Ridgeway, R.G., Alexander, G.P. Using APIMS to certify ultra-high-purity gas distribution systems in an operational fab 62373
Ketsdever, A., Omens, W., Muntz, E.P. Further investigations into continuously variable, remote color temperature adjustments for metal halide lamps 90636
Ketselidou, Z. *see* Cohen, S. 97767
Ketseoglou, T., Zimmerman, T. A likely candidate [CDMA] 97087
Ketseoglou, T.J. *see* McTiffin, M.J. 75311
Ketsko, V.A. *see* Dorozhkin, L.M. 77734
Ketterer, H. Electricity generation in the next century 78260
Ketterson, J.B. *see* DiVenere, A. 54853
Ketterson, J.B. *see* Fulin Xiong 94638
Ketterson, J.B. *see* Lundquist, P.M. 73102
Ketterson, J.B. *see* Zhang, T.G. 94659
Kettleborough, J.G. *see* Vadher, V.V. 60179
Kettler, D.J. *see* Sampathkumar, C.B. 78466
Kettler, D.J. *see* Street, H.M. 78380
Kettunen, L. *see* Forsman, K. 79746
Ketzer, B. *see* Muller, W. 98421
Keuhn, R.T. *see* Bayoumi, A.M. 62922
Keuhn, R.T. *see* Parker, C.G. 61349
Keuk Hwan Ra *see* Sang Yoon Choi 75379
Keuk Kim Dae *see* Dae Keuk Kim
Keum Chan Whang *see* Byeong Gwon Kang 86109
Keum Chan Whang *see* Dong Do Lee 93864
Keum Hong Sik *see* Hong Sik Keum
Keum-Yong Kim *see* Do-Chan Choi 70532
Keun Bae Jang *see* Jang Keun Bae
Keun Choi Hak *see* Hak Keun Choi
Keun Choi Kyeong *see* Kyeong Keun Choi
Keun Her, Yeun Gook Ryu, Ui Seok Hong A study on the GaAs MESFET mixer for satellite communication at Ku-band 97202
Keun Kim Chun *see* Chun Keun Kim
Keun Lee Hong *see* Hong Keun Lee
Keun Sung Bae *see* Hae Dong Gahng 95311
Keun Sung Dan *see* Dan Keun Sung
Keun Yu In *see* In Keun Yu
Keunbae Kim *see* Eunyoung Sohn 85876
Keune, W. *see* Manivannan, G. 57000
Keuneke, S. *see* Condon, C. 96443
Keung Ko Ping *see* Ping Keung Ko
Keung Kwan Hon *see* Hon Keung Kwan
Keunseop Park, Soon-Gul Lee, Yong Ho Lee, Yong Ki Park, Jong Chul Park Fabrication of step edge junction DC SQUIDs using single layer YBCO thin film 50415
Keunseop Park *see* Soon-Gul Lee 50414
Keusseyan, R.L., Dilday, J.L. Development of brazing interconnection to low thermal expansion glass-ceramics for high performance multichip packaging 92850
Keutzer, K. *see* Devadas, S. 55238
Keutzer, K. *see* Devadas, S. 80241
Kevany, M.J. Use of GPS in GIS data collection 75378
Kevenaar, T.A.M. Periodic steady state analysis using shooting and wave-form—Newton 49118
Kevenaar, T.A.M., Leenaerts, D.M.W., van Bokhoven, W.M.G. Extensions to Chua's explicit piecewise-linear function descriptions 48740
Kever, W. *see* Knebel, P. 70592
Kevorkian, A. *see* Heatley, D.R. 50511
Kevorkian, A. *see* Rehouma, F. 82661
Kevrekidis, I.G. *see* Rico-Martinez, R. 57571
Kewei Yang, Andreou, A.G. A multiple input differential amplifier based on charge sharing on a floating-gate MOSFET 91915
Kewisch, J. *see* Bickley, M. 87693
Kexel, D.T. Load building versus conservation as demand-side management objectives 78021
Kexong Lin *see* Lin Kexong
Kexuan Yang *see* Yang Kexuan
Kexun Jiang *see* Jiang Kexun
Key, J. *see* Rust, C.A. 54544
Key, L.W. *see* Sharma, T.C. 59483
Key, M.H., Blyth, W., Cairns, G., Damerell, A.R., Dangor, A.E., Danson, C.N., Evans, J.M., Hirst, G.J., Holden, M., Hooker, C.J., Houliston, J., Krishnan, J., Lewis, C.L.S., Lister, J.M.D.,

McPhee, A.G., Najmudin, Z., Neely, D., Norreys, P.A., Offenberger, A.A., Osvay, K., Pert, G.J., Preston, S.G., Ramsden, S.A., Ross, I.N., Sibbett, W., Tallents, G.J., Smith, C., Wark, J.S., Zhang, J. Development of injector/amplifier XUV lasers and initial studies of ultrashort pulse UV multiphoton ionisation 50731
Key, M.H. *see* Houliston, J.R. 56616
Key, M.H. *see* Lister, J.M.D. 63668
Key, M.H. *see* Ross, I.N. 63669
Key, M.H. *see* Zhang, J. 56600
Key, P.B. *see* Kelly, F.P. 64908
Key, T.S. *see* Chattopadhyay, S. 54032
Key Lee Moon *see* Moon Key Lee
Keydel, W. *see* Seifert, F.M. 75618
Keyes, B., Dhere, R., Ramanathan, K. Time-resolved photoluminescence of polycrystalline CdTe grown by close-spaced sublimation 90437
Keyes, B.M. *see* Ahrenkiel, R.K. 60470
Keyes, B.M. *see* Ahrenkiel, R.K. 100611
Keyes, B.M. *see* Ahrenkiel, R.K. 100682
Keyes, B.M. *see* Al-Jassim, M.M. 81234
Keyes, B.M. *see* Al-Jassim, M.M. 100502
Keyes, B.M. *see* Dhere, R.G. 79881
Keyes, B.R. *see* Lovejoy, M.L. 81223
Keyes, D.E. *see* Ern, A. 54737
Keyes, E. A visual analysis process as a design and communication tool 90811
Keyes, R.W. Scaling, small numbers and randomness in semiconductors 55695
Keyhani, A., Tsai, H. Identification of high-order synchronous generator models from SSFR test data 89919
Keyhani, A., Tsai, H., Leksan, T. Maximum likelihood estimation of synchronous machine parameters from standstill time response data 60188
Keyhani, A. *see* Moon, S.I. 68600
Keyhani, A. *see* Tumageanian, A. 60194
Keys, P. Experiences in employing 2.5 GHz MMDS to provide cost effective, multichannel television coverage 97551
Keyser, T. *see* Dolny, G. 98213
Keyser, T. *see* Khormaei, R. 66624
Keyte, G.E., Bird, P.J., Kenward, D.R.D. Long term radiometric calibration of ERS-1 SAR 77282
Keyu Wang *see* Wang Keyu
Keyun Deng *see* Deng Keyun
Keyworth, B.P. *see* Corazza, D.J. 52855
Keyworth, B.P. *see* Janz, C.F. 82718
Kezai, T., Vander Vorst, A. Complex modes and wave interaction in lossless shielded waveguiding structures 94936
Kezelis, R. *see* Valatkevicius, P. 90640
Kezhong Hu *see* Ching-Mei Yang 72597
Kezunovic, M., Aganagic, M., Skendzic, V., Domaszewicz, J., Bladow, J.K., Hamai, D.M., McKenna, S.M. Transients computation for relay testing in real-time 78225
Kezunovic, M., McKenna, M. Real-time digital simulator for protective relay testing 78188
Kezunovic, M., McKenna, S.M., Pickett, B.A., Fromen, C.W., Wilhelm, M. An advanced approach to digital simulator design for protection relay testing 78201
Kezunovic, M., Mrkic, J., Perunicic, B. An accurate fault location algorithm using synchronized sampling 78246
Kezunovic, M. *see* Enns, M. 68292
Khabakhpashev, A.G. *see* Martinez-Davalos, A. 88382
Khabayev, P.V. *see* Larkin, S.Y. 93931
Khabbaz, B., Douglas, A., DeAngelis, J., Hongsmatip, L., Pelliccia, V., Fahey, W., Dawe, G. A high performance 2.4 GHz transceiver chipset for high volume commercial applications 86221
Khabelashvili, I.D. *see* Maksimov, S.K. 92976
Khabibullin, M.M. *see* Dement'ev, D.V. 53315
Khabou, M.A. *see* Gader, P.D. 85113
Khachab, N.I. *see* Ismail, M. 49590
Khachaturov, V.R., Bulekbaev, D.A. Analysis of effect of receiving-channel phase instabilities on estimation accuracy of target angle coordinates in adaptive antenna array 64518
Khachaturova, E.A. *see* Vorob'ev, A.Yu. 99499
Khachaturova, Y.A. *see* Vorobyev, A.Y. 53689
Khadakkar, A.G., Jyothi, V., Narayanan, R. Fringe tracing by image processing 74253
Khadem, M., Ipakchi, A., Alexandro, F.J., Colley, R.W. On-line validation of feedwater flow rate in nuclear power plants using neural networks 78309
Khadim, M. *see* DiCarlo, J. 81670
Khadim, M. *see* Rahman, M.D. 81666
Khadr, A. *see* Baudron, J. 96431
Khadr, N. *see* Lang, R.H. 77588
Khadr, N. *see* Lang, R.H. 77601
Khadra, L. *see* Dickhaus, H. 59394
Khadra, L. *see* Dickhaus, H. 76994
Khadzhi, B.A. *see* Rudnev, P.I. 80405
Khaetskii, A.V., Fal'ko, V.I., Bauer, G.E.W. Electrostatics of inter-Landau-level diodes 81784
Khaidukov, N.M. *see* Kaminskii, A.A. 94438
Khainovskii, V.I., Uzdovskii, V.V. Theoretical and experimental study of photoelectric characteristics of the two-channel bulk charge-coupled device 76078
Khairandish, L. *see* Rao, K. 58174
Khairiddinov, B.E., Kim, V.D., Kholliev, B.Ch., Turakulov, P.D. Experimental investigation of the pressure loss in solar collector parts 60486
Khalab, J.M., Ibrahim, M.K. Novel multirate adaptive beamforming technique 74152
Khalaj, B.H., Aghajan, H., Paulraj, A., Kailath, T. Defect inspection of periodic patterns with low-order distortions 69595
Khalaj, B.H., Aghajan, H., Paulraj, A., Kailath, T. Signal processing techniques for defect inspection of distorted patterned wafers 79456
Khalaj, B.H., Aghajan, H.K., Kailath, T. Patterned wafer inspection by high resolution spectral estimation techniques 81732
Khalaj, B.H., Sayed, A.H., Kailath, T. A unified derivation of square-root multichannel least-squares filtering algorithms 84536
Khalaj, B.H. *see* Aghajan, H.K. 64652
Khalaj, B.H. *see* Aghajan, H.K. 74546
Khalchukov, F.F. *see* Aglietta, M. 67318
Khaled Shekadekh *see* Shekadekh Khaled
Khalid, M., Vyavahare, P.D., Kekre, H.B. M-net: a proposed high speed local area network 74998
Khalid, M. *see* Khalil, E.A. 85686
Khalid, M. *see* Khalil, E.A. 85842
Khalid, M. *see* Khalil, E.A. 85845
Khalifa, F.A. Design of a self-tuning PID power system stabilizer based on pole-zero placement 77925
Khalifa, F.A., El Singaby, M.I. Damping of power system oscillations by using a multivariable state feedback controller 77924
Khalil, D.A.M. *see* Gerard, P. 82680
Khalil, E.A., Khalid, M., Kekre, H.B. A switch node architecture for multimedia environment 85686
Khalil, E.A., Khalid, M., Kekre, H.B. Packetized voice on a centralized switch node architecture for LAN 85842
Khalil, E.A., Khalid, M., Kekre, H.B. Integrated voice/data on a centralized switch node architecture for LAN with free round robin service strategy 85845
Khalil, G.I. *see* Hafez, A.F. 98595
Khalil, H.S. *see* El-Bakry, M. 90537
Khalil, H.S. *see* Shehata, S.A. 80098
Khalil, K. *see* Ulema, M. 96651
Khalil, N., Faricelli, J., Bell, D., Selberherr, S. A novel method for extracting the two-dimensional doping profile of a sub-half micron MOSFET 71671
Khalil, S.M., Darwish, S. Transport properties in 2,6-diamino anthraquinone 71135
Khalil, S.M. *see* Riad, A.S. 90399
Khalil, Z. *see* Falin, G. 51759
Khalil' Allan *see* Romanyuk, F.A. 60006
Khalili, F.Ya. *see* Syrtsev, A.V. 97742
Khalilov, F.Kh. *see* Bazutkin, V.V. 78074
Khalilov, F.Kh. *see* Bazutkin, V.V. 100389
Khalkhal, A., Girard, P., Nouet, P. New test structures for on-chip absolute and accurate measurement of capacitances in a CMOS process 62978
Khalkhal, A. *see* Girard, P. 56074
Khalladi, M., Morente, J.A., Porti, J.A. RCS of arbitrarily-shaped targets with the TLM method 75590
Khalladi, M. *see* Morente, J.A. 51109
Khamankaar, R. *see* Sudhama, C. 61694
Khamankar, R. *see* Bo Jiang 49431
Khamankar, R. *see* Chonko, M.A. 71417
Khamankar, R. *see* Jiyoung Kim 70488
Khamas, S.K. *see* Cook, G.G. 73522
Khamas, S.K. *see* Cook, G.G. 83842
Khamidov, Sh.R. *see* Magrupov, M.A. 80893
Khamisani, W. *see* Shahookar, K. 49238
Khamisy, A. *see* Cidon, I. 65016
Khamisy, A. *see* Cidon, I. 85236
Khammash, M.H. *see* Venkataraman, S. 89161
Khammash, M.H. *see* Vittal, V. 89037
Khammud, M. *see* Fedin, V.T. 59904
Khan, A. *see* Holder, D.S. 67556
Khan, A. *see* Jordan, S. 65658
Khan, A.A., Al-Turaigi, M.A., Abou El-Ela, M. Operational floating current conveyor: characteristics, modelling and applications 92369
Khan, A.A., Rizvi, A.A., Zubairy, M.S. Colored pattern recognition with a neural network model 84732
Khan, A.F., Batarseh, I., Siri, K. Boost derived topology as a power factor correction circuit 90193
Khan, A.H., Odeh, M.F., Meese, J.M., Charlson, E.M., Charlson, E.J., Stacy, T., Popovici, G., Prelas, M.A., Wragg, J.L. Growth of oriented aluminium nitride films on silicon by chemical vapour deposition 79967
Khan, A.I., Keskar, D.V., Vaid, K.V., Vijayanand, A.S.J. A fuzzy ASIC set for robotic arm control 70456
Khan, A.J. *see* Jojo, P.J. 98653
Khan, A.R., Yoo, I.K., Desu, S.B. Preparation and characterization of lead lanthanum titanate thin films by metalorganic decomposition 54950
Khan, A.Z. Successfully implementing energy efficiency technology 89133
Khan, E. *see* Nanda, A. 89097
Khan, H.A. *see* Manzoor, S. 88163
Khan, H.A. *see* Shahzad, M.I. 88167
Khan, I., Li, V.O.K. A traffic control mechanism for ATM networks 96147
Khan, I., Li, V.O.K. Traffic control in ATM networks 96429
Khan, I. *see* Hong, J. 60356
Khan, I. *see* Jiatian Hong 68808
Khan, I.M. *see* Li, J. 79994
Khan, M. *see* Waldo, W.G. 81590
Khan, M. *see* Waldo, W.G. 81594
Khan, M.A., Olson, D.T., Bhattarai, A.R., Kuznia, J.N., Krishnankutty, S. Photoconductive and photovoltaic UV sensors based on GaN 72599
Khan, M.A., Olson, D.T., Kuznia, J.N. High quality $Al_xGa_{1-x}N$ grown by metalorganic chemical vapor deposition using trimethylamine alane as the aluminum precursor 69954
Khan, M.Asif *see* Asif Khan, M.
Khan, M.I. *see* Lo, K.L. 59861
Khan, M.M. *see* Alavi, R. 65673
Khan, M.N., Zucker, J.E., Chang, T.Y., Sauer, N.J., Divine, M.D. Weighted-coupling Y-branch optical switch in InGaAs/InGaAlAs quantum well electron transfer waveguides 52289
Khan, O.R. Magneto resistive (MR) thin film sensor 87096
Khan, R. *see* Ismail, M. 49590
Khan, R.R., Dhadwal, H.S., Kwang Suh Design and characterization of coherent integrated fiber-optic imaging probes 87245
Khan, R.U. *see* Pal, B.B. 50672
Khan, R.U. *see* Pal, B.B. 70909
Khan, S., Madisetti, V. Yield-based system partitioning strategies for MCM and ASEM design 48690
Khan, S., Toleti, B.R. Remote sensing and geographic information system for environmental and pollution studies 67883
Khan, S. *see* Michel, E. 88029
Khan, S.A., Gutmann, R.J. Extension of the Rees basis function technique to simulate nonstationary transport 62632
Khan, S.H., Ivanov, A.A. Finite element modelling of magnetic fields and calculation of static characteristics of linear step motors for control rod drives of nuclear reactors 53892
Khan, S.H. *see* Abdullah, F. 75823
Khan, S.H. *see* Abdullah, F. 86818
Khan, S.H. *see* Abdullah, F. 97912
Khan-Ngern, W. *see* Dunford, W.G. 68789
Khana, S. Approaches to predicting EMC effects 70256
Khanarian, G. *see* Mortazavi, M.A. 83314
Khancevskaya, E.G. *see* Andriesh, A.M. 93094
Khandaker, I. *see* Jones, G.R. 66122
Khandani, A.K., Kabal, P. Block-based eigensystem of the $1 \pm D$ and $1 - D^2$ partial response channels 95061
Khandani, A.K., Kabal, P., Dubois, E. Efficient algorithms for fixed-rate entropy-coded vector quantization 73660
Khandavalli, C., Abey, W. Large signal S parameter characterization of high power FET chips 80866
Khandige, S., Misra, D. Characterization of the layered dielectrics using an open-ended coaxial line sensor 87440
Khang, Y., Kahng, S.J., Mang, K.M., Jeon, D., Lee, J.H., Kim, Y.N., Kuk, Y. Structure of nickel silicide on Si(001): an atomic view 71201
Khang, Y.H. *see* Kim, J.C. 71058
Khanh, N.Q. *see* Lohner, T. 49857
Khanh Bui Doan *see* Bui Doan Khanh
Khanh Doan *see* Kit Po Wong 59926
Khanin, Yu.N. *see* Dubrovskii, Yu.V. 81292
Khanna, A.P.S. Wirelessness—an emerging craze. An overview of wireless applications, technology and issues 86243
Khanna, M.K., Haldar, S., Gupta, R.S. Temperature-dependent threshold voltage model for a non-uniformly doped short channel MOSFET 93483
Khanna, M.K. *see* Aggarwal, V. 55950
Khanna, M.K. *see* Haldar, S. 71635
Khanna, M.K. *see* Haldar, S. 81950
Khanna, P.K., Bhatnagar, S.K., Gust, W. On the thermally accelerated ageing of thick film resistors 62024
Khanna, S.K. Problems and prospects for higher education in India 90795
Khanna, V.D. *see* von Gutfeld, R.J. 61334
Khanna, V.K. Timer management in X.25 layer 2—an interpretation 74719
Khanna, V.K. Timer management in X.25 layer 2—an interpretation 85739
Khanna, V.K., Singh, S. An improved "Piggyback Ethernet" protocol and its analysis 74700
Khanniche, M.S. *see* Lake, I.D.W. 99768
Khanra, D.N., Mallick, A.K. Studies on the radiation pattern of a sinusoidally edge-modulated microstrip patch antenna 57239
Khansari, M.R.K., Leon-Garcia, A. Multidimensional perfect reconstruction filter banks with generalized subsampling 80464
Khanzadeev, A. *see* Carrigan, R.A., Jr. 59039
Khanzadeev, A.V. *see* Baublis, V.V. 59244
Khapachev, Yu.P. *see* Kyutt, R.N. 55617
Kharas, D. *see* Mil'shtein, S. 90390
Kharaz, D.I., Ryabtsev, N.I., Fiks, M.O., Shenbrot, I.M. The 'Promyshlennaya Energetika'

journal on problems of the economy of energy resources in the Moscow industry 99826
Kharchenko, S.P. *see* Morozov, V.A. 88743
Kharchenko, V.N. *see* Prikhod'ko, A.I. 64528
Kharchev, A.V. *see* Korolev, V.N. 56746
Kharchev, A.V. *see* Marugin, A.V. 72834
Khardalov, Ch. *see* Germanova, K. 98256
Khare, J., Maly, W., Griep, S., Schmitt-Landsiedel, D. SRAM-based extraction of defect characteristics 60920
Khare, J. *see* Griep, S. 82035
Khare, J.B., Maly, W., Thomas, M.E. Extraction of defect size distributions in an IC layer using test structure data 82038
Khare, N., Gupta, A.K., Saxena, A.K., Verma, K.K., Srivastava, O. Studies on the RF SQUID effect in Tl-Ca-Ba-Cu-O thin films prepared by the spray pyrolysis technique 63297
Khare, R., Brown, J., Hu, M., Pierson, D., Melendes, M., Constantine, C. $CH_4/H_2/Ar/Cl_2$ electron cyclotron resonance plasma etching of via holes for InP-based microwave devices 93194
Khare, V.C. Cable TV scenario in India 58597
Khargekar, A.K., Pavana Kumar, P. A novel scheme for protection of power semiconductor devices against short circuit faults 68853
Khargonekar, P.P., Rotea, M.A. Mixed H_2/H_∞ filtering 73941
Khargonekar, P.P. *see* Elta, M. 62443
Khargonekar, P.P. *see* Elta, M.E. 62432
Khargonekar, P.P. *see* Rashap, B.A. 81504
Kharitonov, I.A. *see* Petrosjanc, K.O. 50068
Kharitonov, I.A. *see* Petrosjanc, K.O. 62977
Kharitonov, S.I. *see* Soifer, V.A. 50560
Kharkovsky, S.N. *see* Eremenko, Z.E. 62331
Kharkyanen, V.N. *see* Gushcha, A.O. 87307
Khartabill, L. *see* Miller, D.W. 68376
Khasanov, O.Kh., Smirnova, T.V. Recording and reconstruction of resonant dynamic holograms in a self-diffraction regime in three-level optically dense media 73175
Khasanov, R.Kh. *see* Nigmatulin, B.I. 89543
Khasnabish, B. Comments on "Mean internodal distance in regular and random multihop networks" 85210
Khasnabish, B., Ahmadi, M. In search of a fair scheduling policy for serving multi-queue systems 96196
Khasnabish, B., Ahmadi, M. Bandwidth management/policing in ATM networks for serving multi-category traffic using a simple learning algorithm and a bucket bank 96474
Khassanov, F.M. *see* Akimov, V.A. 53286
Khastgir, P. *see* Chaubey, V.K. 63458
Khastgir, P. *see* Singh, A.K. 72332
Khastgir, P. *see* Singh, K.S. 73249
Khastgir, P. *see* Singh, U.N. 94075
Khater, F.M.H., Ahmed, F.I., El Sousy, F.F.M. Torque capability and flux selection in field-oriented induction machines 54181
Khater, F.M.H. *see* Sakkoury, K.S. 89948
Khatibi, M.H., Mohammed, O.A. An automatic two-area interconnected system load-frequency control design 89160
Khatibzadeh, A., Liu, W., Henderson, T., Sweder, J., Pierce, S. High-efficiency X-band HBT power amplifier 80793
Khatibzadeh, A. *see* Costa, D. 80858
Khatibzadeh, A. *see* Costa, D. 81818
Khatibzadeh, A. *see* Liu, W. 61902
Khatibzadeh, A. *see* Liu, W. 61904
Khatibzadeh, A. *see* Liu, W. 80753
Khatibzadeh, A. *see* Liu, W. 93324
Khatibzadeh, M.I. *see* Ikalainen, P.K. 92528
Khatkevich, N.N. *see* Zakrevskii, L.A. 80208
Khatri, F.I., Lenz, G., Moores, J.D., Haus, H.A., Ippen, E.P. Extension of coupled-cavity additive pulse mode-locked laser theory 72733
Khattak, C.P., Schmid, F. Improvement of HEM silicon via impurity and defect analysis 90402
Khattak, C.P., Schmid, F., Schubert, W.K., Cudzinovic, M., Sopori, B.L. Characteristics of HEM silicon produced in a reusable crucible 92926
Khattak, C.P. *see* Schmid, F. 100638
Khavinson, V.M., Frantsuz, E.T. Measuring the vertical displacements of the centre of gravity of a levitated superconducting body 66680
Khavinson, V.M., Frantsuz, E.T. Measuring the gravitational acceleration by superconducting magnetic levitation system 88745
Khavinson, V.M. *see* Frantsuz, E.T. 82497
Khawatmi, M. The circular diagram for double-sided linear induction motor in braking phase 89982
Khayat, S.H., Bovopoulos, A.D. A proposed bus arbitration scheme for multimedia workstations 58204
Khayatian, A., Taylor, D.G. Multirate modeling and control design for switched-mode power converters 90162
Khaydarov, J.D.V., Andrews, J.H., Singer, K.D. Pulse compression in a synchronously pumped optical parametric oscillator from group-velocity mismatch 63955
Khaydarov, J.D.V., Andrews, J.H., Singer, K.D. 20-fold pulse compression in a synchronously pumped optical parametric oscillator 83316
Khazanov, E.A. *see* Andreev, N.F. 82966
Khazanov, E.A. *see* Andreyev, N.F. 56893
Khazanov, E.A. *see* Andreyev, N.F. 63694
Khazenie, N. *see* Lamei, N. 59546
Khazin, B.I. *see* Aksenov, G.A. 52770
Khazins, D.M. *see* Demortier, L. 59090
Khebir, A., Kouki, A.B., Ghannouchi, F.M. A pseudo-three-dimensional finite element analysis of non-uniform multiconductor transmission lines 94888
Kheifets, S. *see* RaubenHeimer, T.O. 67015
Kheifets, S. *see* Ruth, R.D. 66791
Kheifets, S.A. *see* Heifets, S.A. 87735
Kheiker, D.M. *see* Chernenko, S.P. 87999
Kheime, K. *see* Averin, S.V. 63582
Khein, L.A. *see* Podoroznhyi, D.M. 76778
Khelladi, K.H. *see* Quemerais, A. 62498
Khemka, V., Prasad, S., Gillick, M., Robertson, I.D., Joshi, J.S. Comments on "An analytical method for direct calculation of E- and H-field patterns of conductor backed coplanar waveguides"[and reply] 83776
Khene, M.F., Boucherit, M.S., Nezli, L. Simulation study of a cascade state-feedback control of a CSI-SCSM 90507
Kheng, K. *see* Bassani, F. 62254
Khentout, N., Allek, M. Design of a microprocessor based neutron REMMETER prototype 88586
Kheong Siew Chee *see* Siew Chee Kheong
Kher, A., Mitra, S. New morphological operators: BERD and BDRE 57917
Kher, A., Mitra, S. Efficient coding of morphology based multiresolution pyramids 85109
Khera, D., Cresswell, M.W., Linholm, L.W., Ramanathan, G., Buzzeo, J., Nagarajan, A. Increasing profitability and improving semiconductor manufacturing throughput using expert systems 62954
Khera, H., Ilyas, M., Bemmel, V. HFDDI: a hierarchical approach to FDDI networking 85835
Kheradpir, S. *see* Stinson, W. 51977
Kheraluwala, M.H., De Doncker, R.W. Single phase unity power factor control for dual active bridge converter 68729
Kherani, N.P., Shmayda, W.T. Radioluminescence using metal tritides 79002
Khevrolin, A.V. Experience in designing a multielement antenna system phased by means of a control signal 83863
Khiari, F.Z. *see* Naqvi, A.A. 67309
Khiari, F.Z. *see* Naqvi, A.A. 87961
Khiari, F.Z. *see* Naqvi, A.A. 87962
Khil'ko, A.I. *see* Zorin, A.Yu. 73313
Khil'ko, G.I. *see* Novikov, S.A. 59604
Khilla, A.M. The use of rectangular resonators in 4-port circulators 55371
Khimenko, O.A., Pustylnik, O.D., Voinovsky, I.V., Dymnikov, A.A. Millimeter and submillimeter waveguides high-temperature superconducting bolometer for astronomical navigation 66009
Khisametdinov, A.I. *see* Dorofbichik, A.N. 99595
Khitun, A.G. *see* Biriukov, A.S. 56336
Khivrich, V. *see* Rosenfeld, A. 88583
Khivrich, V. *see* Rosenfeld, A. 99024
Khizh, E.B. *see* Paskov, V.V. 89668
Khlebalin, Yu.M., Musatov, Yu.V., Nikolayev, Yu.Ye., Zakharov, V.V. A method for protecting the boiler waterwall tubes 53908
Khlebalin, Yu.M., Nikolaev, Yu.E., Musatov, Yu.V., Zakharev, V.V., Kosarev, Y.P. Reconstruction of the AO 'Saratovmebel' heat power plant 99943
Khlebnikov, A.S. *see* Varfolomeev, A.A. 53036
Khlebnikov, A.S. *see* Varfolomeev, A.A. 53119
Khlebnikov, A.S. *see* Varfolomeev, A.A. 53121
Khlebova, N.E. *see* Nikulin, A.D. 82326
Khlopov, G.I. *see* Veremey, V.V. 80577
Khludkov, S.S. *see* Vorob'ev, A.P. 76751
Khmelevskaya, E.D. *see* Belosel'skii, B.S. 99920
Khmelevtsov, S.S. *see* Bukreev, V.S. 77408
Khmil, Z.M. *see* Nazarchuk, Z.T. 64131
Kho, S.K. *see* Watson, D.B. 50120
Khodabakhshian, A., Gosbell, V.J., Coowar, F. Discretization of power system transfer functions 59770
Khodak, E.A. *see* Arsenev, L.V. 53952
Khodakovskii, A.M. *see* Voronov, A.M. 55503
Khoder, Isa. *see* Lebedev, A.S. 100852
Khodja, S. *see* Josse, D. 73006
Khodkov, Yu.A. Solution of the second-order coupled-mode equation for a 3-D periodic medium and diffraction efficiency of pseudo-deep holograms 56944
Khodos, I.I. *see* Kuznetsov, A.Yu. 79824
Khodova, G.V. *see* Rosanov, N.N. 50932
Khodyrev, V.Yu. *see* Buyanov, O.V. 98501
Khoe, G.D. *see* Batchellor, C.R. 97302
Khoi Phan Hong *see* Phan Hong Khoi
Khojasteh, M. *see* Wu-Song Huang 81616
Khokhlenkov, L.N. *see* Lysyannyi, Yu.K. 72973
Khokhlov, V.A. *see* Grishin, A.M. 53016
Khokle, W.S. *see* Agarwal, A. 63298
Kholliev, B.Ch. *see* Khairiddinov, B.E. 60486
Kholodkevich, E.D. *see* Alekseev, A.V. 63900
Kholodnyi, S.D. *see* Kostyukov, N.S. 99833
Kholy, S.M.El *see* El Kholy, S.M.
Khomchenko, A.V. *see* Sotskii, A.B. 94141
Khomenko, A. *see* Shlyagin, M. 63388
Khomenko, A.I. *see* Sakaev, V.Sh. 69157
Khomenko, S.I. *see* Biglov, Z.A. 56636
Khomenko, S.V. *see* Markin, V.V. 69154
Khomichkov, I.I. Model of p-persistent CSMA/CD local area network 57974
Khomichkov, N.I. Study of models of local networks with multiple-access protocols 96184
Khomutov, N.V. *see* Baranov, V.A. 76849
Khong, Y.L. *see* Freitas, J.A., Jr. 71083
Khong, Y.L. *see* Gheeraert, E. 71296
Khonsari-Arefi, F. *see* Farber, Y. 48984
Khoo, E.A. *see* Pabla, A.S. 94177
Khoo, I.C. Liquid crystal nonlinear optics 73070
Khoo, I.C., Hong Li, LoPresti, P.G., Yu Liang Observation of optical limiting and backscattering of nanosecond laser pulses in liquid-crystal fibers 50947
Khoo, I.C. *see* Murazyan, A.L. 50952
Khoo, K.-Y., Cong, J. A fast four-via multilayer MCM router 55053
Khoo Hock *see* Hock Khoo
Khoo Kei-Yong *see* Kei-Yong Khoo
Khopin, V.F. *see* Abramov, A.A. 56335
Khopin, V.F. *see* Anoikin, E.V. 56334
Khoptyar, S.A. *see* Detinko, M.V. 66668
Khor, E.K. *see* Gooi, H.B. 77977
Khorasani, K. *see* Sood, V.K. 78066
Khormaei, R., Thayer, S., Ping, K., King, C., Dolny, G., Ipri, A., Hsueh, F.-L., Furst, D., Stewart, R., Keyser, T., Becker, G., Kagey, D., Spitzer, M., Batty, M. High resolution AC thin film electroluminescence using active matrix on Si substrate 66624
Khormaei, R. *see* Dolny, G. 98213
Khorrami, F. *see* Jain, S. 89041
Khoshgoftaar, T.M., Munson, J.C. Software metrics and the quality of telecommunication software 58021
Khoshgoftaar, T.M., Munson, J.C., Bhattacharya, B.B., Richardson, G.D. A simulation study of the performance of several estimation procedures for linear regression models 91229
Khoshgoftaar, T.M. *see* Huynh, K.D. 65449
Khoshgoftaar, T.M. *see* Huynh, K.D. 85762
Khoshnevis, B., Bottlik, G., Azmandian, A.R. Simultaneous generation of assembly plans and schedules in electronics assembly operations 90931
Khoshnevisan, M. *see* Motamedi, M.E. 50914
Khosla, P. *see* Sacks, A. 56221
Khosla, R., Dillon, T.S. Task decomposition and competing expert system-artificial neural net objects for reliable and real time inference 68346
Khosla, R.P. *see* Nichols, D.N. 66046
Khosravi, M., Schafer, R.W. Template matching based on rank order operations 64632
Khosravi, M., Schafer, R.W. Implementation of linear digital filters based on morphological representation theory 84349
Khosropour, P., Galloway, K.F., Zupac, D., Schrimpf, R.D., Calvel, P. Application of test method 1019.4 to nonhardened power MOSFETs 71649
Khosrowbeygi, A., Griffiths, H.D., Cullen, A.L. A new free-wave dielectric and magnetic properties measurement system at millimetre wavelengths 87488
Khosru, Q.D.M., Yasuda, N., Taniguchi, K., Hamaguchi, C. Spatial distribution of trapped holes in SiO_2 93070
Khotanzad, A., Chung, C. Hand written digit recognition using BKS combination of neural network classifiers 57916
Khotanzad, A. *see* Davila, C.E. 59387
Khotuntsev, Yu.L., Mogilevskaya, L.Ya., Grinberg, G.S., Leonov, V.G. Computer analysis of the fluctuation characteristics of bipolar transistor power amplifiers and self-excited oscillators 91938
Khoury, A. *see* El-Hajj, K. 71173
Khoury, J., Cronin-Golomb, M., Gianino, P., Woods, C. Hard clipped two-beam coupling correlator 51577
Khoury, J., Cronin-Golomb, M., Woods, C. Photorefractive mixing of amplitude-modulated signals 56947
Khoury, J., Cronin-Golomb, M., Woods, C. Real-time holographic frequency-division demultiplexing: theoretical aspects 83358
Khoury, J., Fu, J., Cronin-Golomb, M., Woods, C. Quadratic processing and nonlinear optical phase rectification in noise reduction 95850
Khoury, J., Fu, J., Woods, C.L. Phase-coding technique for one-way image transmission through aberrating media 95881
Khoury, J., Gianino, P.D., Kane, J.S., Woods, C.L. Edge enhancement techniques for improving the performance of binary phase-only filter pattern recognition devices 51711
Khoury, J., Kane, J.S., Kierstead, J., Woods, C., Hemmer, P. Real-time holographic baseband frequency demodulator 56938
Khoury, J., Matsuzawa, T. Data converter design challenges at very low power supply voltages 70704
Khoury, J.A., Chang, L., Sharaf, A.M. Multi-level bang-bang control of DC motors using a PLC 90538
Khoury, J.M. *see* Tsividis, Y.P. 49531
Khoussed, Y. *see* Rodriguez-Mendez, M.L. 58887
Khovansky, V. *see* Chen, M. 67340
Khoze, B.S. *see* Dorri, M.Kh. 89480

Khoziev, V.B. *see* Okhotin, V.V. 99925
Khramov, A.V. *see* Kovtunov, D.A. 80165
Khramov, V.N. *see* Anikeev, B.V. 72662
Khramovich, E.M., Shepelevich, V.V. Light diffraction on transmission holograms in cubic gyrotropic crystals in an external electric field at arbitrary orientation of the grating. I. General relations 56945
Khramtsova, E.A. *see* Tarasova, O.L. 49913
Khramtsova, E.A. *see* Tarasova, S.L. 55766
Khrapko, R.R. *see* Dianov, E.M. 94080
Khrebtov, I.A. *see* Bogachev, V.V. 72228
Khrenov, G., Ryzhii, V., Kartashova, O. Ensemble Monte Carlo particle simulation of nonuniformly doped submicrometer Gunn diodes 71566
Khrenov, G., Ryzhii, V., Kartashov, S. Fourier analysis-based method for high-frequency performance calculation of heterojunction bipolar transistor 81809
Khrenov, G., Ryzhii, V., Kulkova, E. Influence of electron scattering on current gain of heterojunction bipolar transistor operating in coherent regime 81810
Khrimyan, A.A. *see* Lesnikov, E.V. 87191
Khristich, V.V. Synthesis of bandpass converter filters 64462
Khromchenko, V.B. *see* Anevsky, S.I. 87750
Khromchenkov, V.G. *see* Anokhin, A.B. 89420
Khrulev, A.A. *see* Borisov, N.B. 89495
Khrustov, V.R. *see* Ivanov, V.V. 72278
Khrutchinsky, A.A. *see* Baryshevsky, V.G. 88313
Khrutchinsky, A.A. *see* Baryshevsky, V.G. 98730
Khrutchinsky, A.A. *see* Moroz, V.I. 98575
Khryapov, P.A. *see* Bastrikov, A.N. 55515
Khryashchev, G.S. *see* Kuryshev, G.L. 55708
Khudyakov, V.V., Ivakin, V.N., Sysoeva, N.G. Estimation of technical and economic indicators of power transmission under market economy conditions 89138
Khun, P.J. Performance modelling and traffic engineering for broadband communication networks 96418
Khun, U. *see* Kerhart, J. 57109
Khunasaraphan, C., Vanapipat, K., Lursinsap, C. Weight shifting techniques for self-recovery neural networks 70805
Khunkhun, K.J. *see* Barnett, C.W. 54066
Khurana, M.M., Zindal, S.N. Indian TV industry — prospects and challenges 58574
Khurgin, J. *see* Jensen, J.R. 59506
Khurgin, J.B., Ding, Y.J. Resonant cascaded surface-emitting second-harmonic generation: a strong third-order nonlinear process 73055
Khurgin, J.B., Lee, S.J., Ding, Y.J. Efficient resonant frequency-doubling in semiconductor multilayers 83340
Khuri-Yakub, B.T. *see* Degertekin, F.L. 91660
Khuri-Yakub, B.T. *see* Degertekin, F.L. 93104
Khuri-Yakub, B.T. *see* Hadimioglu, B. 99311
Khuri-Yakub, B.T. *see* Haller, M.I. 67932
Khuri-Yakub, B.T. *see* Haller, M.I. 99339
Khuri-Yakub, B.T. *see* Lee, Y.J. 53071
Khuri-Yakub, B.T. *see* Saraswat, K.C. 62352
Khuri-Yakub, T. *see* Yong Jin Lee 93096
Khurram, M.U. *see* Ahmed, H.M. 80477
Khurrum, M., Jordan, J.B. Edge-data compression using Bezier polynomials 74230
Khursheed, A., Vecchi, G., De Marchi, A. Spatial variations of field polarization and phase in microwave cavities: application to the cesium fountain cavity 86902
Khutoretskaya, Yu.K. *see* Belyi, V.A. 68540
Khutoretskii, V.M. *see* Biryukov, A.V. 69086
Khutorovskii, Z.N. Maintenance of the catalog of artificial objects in space 77107
Khutorshikov, V.I. *see* Gevorkyan, A.G. 86941
Khvostov, V.V. *see* Guseva, M.B. 70082
Khwang Teoh Eam *see* Eam Khwang Teoh
Ki Chai Kim Analysis of the normalized site attenuation using the moment method 94972
Ki Cho Young *see* Young Ki Cho
Ki Choi Seung *see* Seung Ki Choi
Ki Dong Lee, Yong Hoon Lee Threshold Boolean filters 74192
Ki Doo Kim *see* Joon Yul Joo 95512
Ki Heung Jang *see* Jin Woo Kim 74403
Ki Hyun Kim, Jong Wha Chong A scheduling algorithm using the interval graph 70341
Ki Hyun Yoon, Dong Pil Kim, Eung Soo Kim Effect of $BaWO_4$ on the microwave dielectric properties of $Ba(Mg_{1/3}Ta_{2/3})O_3$ ceramics 91644
Ki Jang Oh *see* Choong Soo Lim 70202
Ki Jeon *see* Chang, S.H. 98788
Ki Kim Sung *see* Sung Ki Kim
Ki Lee Sun *see* Sun Ki Lee
Ki Lyong Kwon *see* Sang Ho Ahn 61816
Ki Man Kim *see* Hee Chang Kim 84193
Ki Min Suk *see* Suk Ki Min
Ki Park Yong *see* Yong Ki Park
Ki Poong Lee, Soo Young Park, Nak Joong Kim, Suk Kyu Song New field-effect transistor using the semiconducting plasma-polymerized films 55963
Ki Sig Kang, Han Gon Kim, Soon Heung Chang, Hee Kyo Jeong, Chul Un Yi Development strategies on an integrated operator decision aid support system for nuclear power plants 68387
Ki Sim Jae *see* Jae Ki Sim
Ki Sul Seung *see* Seung Ki Sul
Ki Sung Seo *see* Noh Sung Lee 79269
Ki Wan Mim *see* Tae Hyung Kim 95025
Ki Wing-Hung *see* Wing-Hung Ki
Ki Won Lee *see* Chung-Sheng Li 96132
Ki Young Lee *see* Pill Woong Choi 74390
Ki-Bum Kim, Jinsung Oh, Myeong-Hwan Lee, Humor Hwang, Dong-Il Song A new ghost cancellation system for Korean GCR 86658
Ki-Chul Lee *see* Geun-Hie Rim 100843
Ki-Hawn Choi *see* Yoon-Ha Jeong 71622
Ki-Jun Han *see* Kun-Suk Kim 96904
Ki-Sang Song, Somani, A.K. Fault tolerant ATM backbone network design considering cell loss rates and end-to-end delay constraints 75145
Ki-Sik Lee *see* Gwan-Soo Park 82306
Ki-Yeop Park *see* Young-Mog Ham 71477
Ki-Yong Kim *see* Hyung-Soo Mok 100827
Ki-Youn Joe *see* Eun-Soo Kim 68831
Ki-Young Song, Byoung-Hwan Kim, Min-Soo Lee, Yook Cho, Jin-Ok Kim, Byoung-Duk An, Gye-Won Hong Microwave resonance properties of $Y_1Ba_2Cu_3O_7$ high-T_c superconductor cavity 70849
Kia, S.J., Coghill, G.G. A mapping neural network and its application to voiced-unvoiced-silence classification 51401
Kia, S.M., Parameswaran, S. Novel architectures for TSC/CD and SFS/SCD synchronous controllers 49380
Kia, S.M., Parameswaran, S. Design automation of self checking circuits 92004
Kia Wah Ngiam *see* Gupta, S.K. 65953
Kia Yong Lim *see* Lim Kia Yong
Kiamilev, F. *see* Fan, J. 56515
Kiang, L.L. *see* Tsou, R.H. 98710
Kiang, R.K., Kyle, H.L., Telfer, B.A., Szu, H.H. Analyses of long-term solar irradiance data with wavelet transforms 54654
Kiang Meng-Hsiung *see* Meng-Hsiung Kiang
Kiang Yean-Woei *see* Yean-Woei Kiang
Kianian, S., Levi, A., Lee, D., Yaw-Wen Hu A novel 3 volts-only, small sector erase, high density flash E^2PROM 70522
Kiasaleh, K. An all optical coherent receiver for self-homodyne detection of digitally phase modulated optical signals 58410
Kiasaleh, K. *see* Che-Hsi Lai 73684
Kiasaleh, K. *see* Lin, L. 58411
Kiasaleh, K.K. *see* Cole, M. 75288
Kiat Lee Teng *see* Teng Kiat Lee
Kiba, M. *see* Terai, K. 75792
Kibbee, J. A virtual library for librarians: JANET's bulletin board for libraries 75023
Kibbel, H. *see* Kasper, E. 62681
Kibbel, H. *see* Kasper, E. 93338
Kibbel, H. *see* Presting, H. 94460
Kibbel, H. *see* Schuppen, A. 70869
Kibble, B.P. *see* Robinson, I.A. 86828
Kibble, K.P. *see* Hartland, A. 86852
Kibbler, A.E. *see* Bertness, K.A. 78829
Kibbler, A.E. *see* Bertness, K.A. 90412
Kibbler, A.E. *see* Friedman, D.J. 90444
Kibbler, A.E. *see* Kurtz, S.R. 55730
Kibe, M. *see* Fujii, E. 61721
Kibe, T. *see* Suma, S. 85958
Kibel, M.H. *see* Leech, P.W. 93261
Kibler, J.J. *see* Cassin, T.G. 90987
Kibler, M. *see* Baker, R. 69421
Kiblik, V.Y. *see* Brozek, T. 93068
Kick, R. *see* Gabella, W. 98445
Kick, R. *see* Gabella, W.E. 66912
Kiczuk, B. *see* Roark, C. 88910
Kiczuk, W.F. Advanced avionics architecture standardization issues 59466
Kida, T. On restoration and approximation of multi-dimensional signals using sample values of transformed signals 84495
Kida, T., Sa-Nguankotchakorn, S., Jenkins, K. Interpolatory estimation of multi-dimensional orthogonal expansions with stochastic coefficients 64568
Kida, T. *see* Hane, T. 85979
Kida, T. *see* Sablatash, M. 97650
Kida, Y. *see* Warabisako, T. 100646
Kidd, M. *see* Bird, D. 98533
Kidd, S.R., Barton, J.S., Inci, M.N., Jones, J.D.C. Unsteady gas temperature measurement using an ultra-short optical fibre Fabry-Perot interferometer 66709
Kidd, S.R. *see* Haran, F.M. 52886
Kidger, M. *see* Rayner, J. 66425
Kido, G., Watanabe, K., Nakagawa, Y. The high field laboratory for superconducting materials at Tohoku University 82508
Kido, G. *see* Shimozuma, T. 92891
Kido, G. *see* Shiomi, J. 63164
Kido, H. *see* Otaki, H. 88615
Kido, J., Kohda, M., Hongawa, K., Okuyama, K., Nagai, K. Molecularly doped polymers for organic electroluminescent devices 56559
Kido, K. *see* Makino, S. 64394
Kido, M., Szabo, G., Cavallaro, J.R., Wilson, W.L., Tittel, F.K. A new phase shifting method for high resolution microlithography 71520
Kido, M. *see* Chiba, T. 68043
Kido, M. *see* Koden, M. 72460
Kido, M. *see* Matsuda, T. 89378
Kido, M. *see* Takahashi, T. 89083
Kido, S. *see* Ikezoe, J. 67481
Kido, T. *see* Abdelnour, G. 57572
Kidoguchi, I., Kamiyama, S., Mannoh, M., Hoshina, J., Ohta, H., Ishibashi, A., Ban, Y., Ohnaka, K. AlGaInP visible laser diode with extremely high quantum efficiency having lateral leaky waveguide structure 63861
Kidoguchi, I., Karniyama, S., Adachi, H., Mannoh, M., Ban, Y., Ohnaka, K. High power single mode operation of AlGaInP visible laser diode with lateral leaky waveguide structure 72847
Kidoguchi, I. *see* Mannoh, M. 63860
Kidoh, Y. *see* Okada, H. 82732
Kidokoro, K. *see* Qianren Zhang 78755
Kie Hyung Chung *see* Woong Chae Kim 53252
Kie Young Lee, Kyoung Goo Mo, Hong Shick Min, Young June Park Verification of the steady-state Nyquist theorem by Monte-Carlo method in n-i-n structures 81755
Kieda, D. *see* Bird, D. 98533
Kiefer, B. *see* Bischoff, M. 72569
Kiefer, B. *see* Bischoff, M. 72623
Kiefer, B. *see* Feinberg, D.A. 67532
Kiefer, K. *see* Zimmerman, D.E. 90817
Kiefer, R. PDH will not go the way of the dinosaurs 85419
Kiefer, R. New systems, new measurements 96466
Kiefer, R.J., Angell, L.S. A comparison of the effects of an analog versus digital speedometer on driver performance in a task environment similar to driving 98749
Kiefer, U., Finkler, T., Becker, K.-D. Modelling of ultrasonic transducers including mechanical and electric losses 53564
Kiehl, R.A. Nanostructure and quantum-effect electronics in Japan 93296
Kiehlmann, D. *see* Dasbach, D. 67148
Kiel, E., Schumacher, W. The VeCon chips for intelligent drives 54182
Kielbasa, R. *see* Bonnoit, A. 70355
Kielczynski, P. *see* Pajewski, W. 99348
Kielgas, B.W. *see* Arkadan, A.A. 60513
Kielgas, B.W. *see* Arkadan, A.A. 60514
Kielgas, B.W. *see* Arkadan, A.A. 90481
Kieling, V. *see* Allongue, P. 71346
Kieliszek, A., Ieyasu, A., Ido, S., Tucholski, P., Akutsu, K., Uchiyama, A. Experimental investigations and numerical simulation of arcing phenomena in an SF_6 autopuffer circuit breaker 90245
Kielland, P. *see* Lu, G. 97183
Kiely, C.J. *see* Daykin, A.C. 81352
Kiely, C.J. *see* Mullan, C.A. 81449
Kiely, C.J. *see* Yang, L.C. 100511
Kiely, J.H., Morgan, D.V., Rowe, D.M. A reliability study of a miniature thermoelectric generator 90464
Kiely, P.A., Evaldsson, P.A., Cooke, P., Taylor, G.W. Inversion channel HFET with unity current gain frequency of 14 GHz and surface emitting laser from a single epitaxial growth 62893
Kiely, P.A. *see* Taylor, G.W. 82855
Kiely, P.A. *see* Taylor, G.W. 93494
Kiemle, C., Ehret, G., Meischner, P., Schreiber, H.G., Evtushenko, A.V., Kutuza, B.G., Petrenko, B.Z., Smirnov, M.T. Tropospheric water vapor structures in the clear atmosphere as observed by passive microwave and airborne LIDAR systems during CLEOPATRA 92 77403
Kien Aun Ng *see* Ng Kien Aun
Kiendl, A. *see* Karg, F. 100500
Kiener, S., Nishikata, A. Analysis of finite aperture effect in the modified MIL-STD-285 shielding material's test method 94864
Kiener, S. *see* Nishikata, A. 83700
Kientz, H.J. Derivation of live-line minimum approach distances for the 1993 NESC 78111
Kieny, C. *see* Ahmad, A. 90071
Kieny, C. *see* Bouissou, S. 90067
Kieny, C. *see* Driss, K.B. 88958
Kienzle, O., Staub, J., Tschudi, T. Description of an integrated scatter instrument for measuring scatter losses of 'superpolished' optical surfaces 66699
Kieronska, D.H. *see* Farrell, C.A. 91302
Kierstead, J. *see* Khoury, J. 56938
Kierstead, J.A., Levy, P.W., Woody, C.L., Anderson, D.F., Ramberg, E.J., Kuno, Y., Macdonald, J.A., Konaka, A., Hutcheon, D.A. A study on the use of PbF_2 for electromagnetic calorimetry 59085
Kiesel, P. *see* Kneissl, M. 94300
Kiesler, T. *see* He, J. 73661
Kiesling, C., Fent, J., Frochtenicht, W., Goldner, D., Gruber, A., Kobler, T., Kolanoski, H., Kramerkamper, T., Mock, J., Ribarics, P. Concept for a fast second level trigger using a neural network architecture for the H1-experiment at HERA 88254
Kiesling, C. *see* Gruber, A. 88256
Kiesling, C. *see* Kramerkamper, T. 88257
Kiesling, C. *see* Ribarics, P. 88255
Kiess, H. *see* Delley, B. 69006
Kiess, H. *see* Keppner, H. 100572
Kiessling, A. *see* Pietzsch, H. 68152
Kiessling, A. *see* Webb, D.J. 56292
Kiessling, F., Schneider, E. Utilization of traction current return conductors on high-speed line Madrid-Seville 69119

Kiessling, F., Semrau, M., Tessun, H., Zweig, B.-W. New high-performance overhead contact line type Re 330 of Deutsche Bahn 100886
Kieu, L.H., Ngan, K.N. Cell-loss concealment techniques for layered video codecs in an ATM network 85863
Kiewtniack, K. *see* Shahidi, G.G. 71797
Kiewtniak, K. *see* Shahidi, G.G. 71790
Kiffe, W. *see* Fiegl, B. 79366
Kiffe, W. *see* Fiegl, B. 79383
Kiguchi, M. *see* Kato, M. 83276
Kih Joong Sik *see* Joong Sik Kih
Kih Joongsik *see* Joongsik Kih
Kihara, M. Study of a GPS satellite selection policy to improve positioning accuracy 65958
Kihara, N. *see* Ushirogouchi, T. 81630
Kihara, T. *see* Fujita, S. 50280
Kihara, T. *see* Misawa, S. 63433
Kihara, Y., Shimazu, Y., Shimokawa, Y. Multimedia presentation system using ISDN 85896
Kihara, Y. *see* Takagi, T. 90223
Kiheon Park A class of interpolation algorithms for bounded real functions 79683
Kihlstrom, K.E. *see* Benerofe, S.J. 54968
Kiho Kim, Sung Bae Kim, Powers, E.J., Miksad, R.W., Fischer, F.J. Adaptive second-order Volterra filtering and its application to second-order drift phenomena 57613
Kiichi, T. *see* Hikida, K. 63586
Kijewski, M.F. *see* Moore, S.C. 76919
Kijima, M. *see* Ito, M. 92321
Kijima, Y. *see* Kishimoto, T. 67215
Kijin Kwon, Sekwang Park An optical sensor for the non-invasive measurement of the blood oxygen saturation of an artificial heart according to the variation of hematocrit 67488
KiJong Lee *see* Kiyoung Choi 93605
Kijun Han *see* Wanjik Lee 96233
Kikas, Ya., Rebane, I., Fedoseev, V. Spatial density of optical information storage in media with multistage spectral hole burning 50929
Kikawa, T., Ochiai, I., Takatani, S. Atomic hydrogen cleaning of GaAs and InP surfaces studied by photoemission spectroscopy 81518
Kiker, E. *see* Deticek, E. 69060
Kikineshi, A., Mishak, A., Sterr, A. Selenium based compositionally modulated recording materials for holography 73138
Kikinis, R. *see* Grimson, W.E.L. 84809
Kikinis, R. *see* Martin, J. 84682
Kikkawa, H. *see* Maeda, K. 72505
Kikkawa, J.M., Baumberg, J.J., Awschalom, D.D., Leonard, D., Petroff, P.M. Optical studies of locally implanted magnetic ions in GaAs 81442
Kikkawa, S., Sakamoto, M., Kobayashi, N. Features of a two-dimensional random field: number of degrees of freedom, correlation areas, and correlation lengths 64250
Kikkawa, T. *see* Hayashi, Y. 62960
Kikkawa, T. *see* Ikeda, R. 91003
Kikkawa, T. *see* Kikuta, K. 93263
Kikkawa, T. *see* Ueno, K. 62533
Kikkawa, T. *see* Watanabe, H. 61719
Kikuchi, A. *see* Baji, T. 70655
Kikuchi, H. *see* Fujikake, H. 82743
Kikuchi, H. *see* Fujikake, H. 94206
Kikuchi, H. *see* Kobayashi, Y. 86453
Kikuchi, H. *see* Nakashizuka, M. 95777
Kikuchi, H. *see* Ohoka, T. 56084
Kikuchi, H. *see* Sasaki, S. 75210
Kikuchi, H. *see* Takizawa, K. 56449
Kikuchi, J., Iga, M., Fujimura, S., Yano, H. Native oxide removal on Si surface by NF_3 added hydrogen plasma downstream treatment 62418
Kikuchi, J., Iga, M., Ogawa, H., Fujimura, S., Yano, H. Native oxide removal on Si surfaces by NF_3-added hydrogen and water vapor plasma downstream treatment 55814
Kikuchi, J. *see* Chen, M. 67340
Kikuchi, J. *see* Hasebe, N. 59057
Kikuchi, J. *see* Ishida, N. 67339
Kikuchi, J. *see* Kashiwagi, T. 66364
Kikuchi, J. *see* Nagata, K. 59058
Kikuchi, K. Analysis of axial gradient-index planar-sandwiched sphere and semi-sphere lens system 94230
Kikuchi, K., Amano, M., Zah, C.E., Lee, T.P. Measurement of differential gain and linewidth enhancement factor of 1.5-μm strained quantum-well active layers 63816
Kikuchi, K., Kowada, M., Sageshima, M. Orbital hemangiopericytoma: CT, MR, and angiographic findings 59343
Kikuchi, K., Kowada, M., Watanabe, K. Computed tomography of an intracranial lipoma confined in the suprasellar cistern 59340
Kikuchi, K., Lorattanasane, C. Design of highly efficient four-wave mixing devices using optical fibers 82559
Kikuchi, K., Watanabe, K. Huge sellar chordoma: CT demonstration 88404
Kikuchi, K. *see* Hara, Y. 64236
Kikuchi, K. *see* Tokizawa, I. 75093
Kikuchi, M. History of informatization of home life in Japan 58017
Kikuchi, M. The proper way to develop the hyperthermia equipment 98926
Kikuchi, M., Yoshimura, T., Hoshino, K., Kokado, H. The mechanism of thermo-induced electrostatic image formation in poled ferroelectric polymer films 82140
Kikuchi, M. *see* Ito, N. 67446
Kikuchi, M. *see* Machida, K. 95984
Kikuchi, N., Hasegawa, K., Taniguchi, J., Kira, H., Nishikado, Y. MELPAX6000: frame-relay switching equipment 75148
Kikuchi, N. *see* Sekine, G. 75391
Kikuchi, R. *see* Hoshi, Y. 88113
Kikuchi, R. *see* Masuda, K. 67337
Kikuchi, R. *see* Oyama, K. 98567
Kikuchi, R. *see* Sakamoto, M. 59077
Kikuchi, S., Miyazaki, Y. Analysis and design of magnetooptic guided wave devices in cerium-doped garnet thin films 72490
Kikuchi, S., Yamamoto, H., Seyama, K., Hirano, M., Moriizumi, K. High performance MCM-D technology 48673
Kikuchi, S. *see* Nakayama, I. 65722
Kikuchi, S. *see* Yamaguchi, K. 49690
Kikuchi, T., Nakayama, M. Data transmission experiments using Internet and ISDN links to access NASDA-EOC browse system 77289
Kikuchi, T., Seino, T., Yamada, M., Shibuya, H. Development of high-speed and high-density multi-chip module for B-ISDN 58213
Kikuchi, T. *see* Amano, H. 60936
Kikuchi, T. *see* Amemiya, N. 89294
Kikuchi, T. *see* Amemiya, N. 99712
Kikuchi, T. *see* Kashiki, K. 58357
Kikuchi, T. *see* Keiko, M.-F. 80499
Kikuchi, T. *see* Koiwa, H. 72318
Kikuchi, T. *see* Nambu, H. 70537
Kikuchi, T. *see* Satoh, J. 61683
Kikuchi, T. *see* Shibata, H. 77741
Kikuchi, T. *see* Tsutsumi, Y. 68236
Kikuchi, T. *see* Uchino, T. 93337
Kikugawa, A. *see* Honda, Y. 50303
Kikukawa, A., Awano, H., Hosaka, S., Honda, Y., Imura, R. Interpretation of magnetic force microscopic images 76161
Kikukawa, A. *see* Hosaka, S. 61401
Kikukawa, H. *see* Fujiwara, G. 70530
Kikuma, N., Hachitori, K., Saito, F., Inagaki, N. CMA adaptive array antenna using transversal filters for spatial and temporal adaptability in mobile communications 65666
Kikunaga, T., Shimozuma, T., Asano, H., Yasojima, Y., Tsukamoto, T. A high-power millimeter-wave gyrotron 49748
Kikunaga, T. *see* Hayashi, K. 49747
Kikunaga, T. *see* Shimozuma, T. 92891
Kikuno, T. *see* Kakuda, Y. 65039
Kikuno, T. *see* Kakuda, Y. 96256
Kikushima, K. AC and DC gain tilt of erbium-doped fiber amplifiers 52567
Kikushima, K., Suto, K., Yoshinaga, H., Yoneda, E. Polarization dependent distortion in AM-SCM video transmission systems 65754
Kikushima, K., Whitley, T., Cooke, R., Stalley, K., Fake, M., Lawrence, E. Multichannel FM-TV transmission using an engineered 1.3 μm praseodymium-doped fluoride fibre amplifier 86347
Kikushima, K., Yamada, M., Shimizu, M., Temmyo, J. Distortion and noise properties of a praseodymium-doped fluoride fiber amplifier in 1.3 μm AM-SCM video transmission systems 52571
Kikushima, K. *see* Yoneda, E. 52565
Kikuta, K., Nakajima, T., Ueno, K., Kikkawa, T. Multilevel planarized-trench-aluminum (PTA) interconnection using reflow sputtering and chemical mechanical polishing 93263
Kikuta, K. *see* Aoki, H. 71383
Kikuta, K. *see* Hayashi, Y. 62960
Kikuta, K. *see* Ueno, K. 62533
Kikuta, M. *see* Kasori, H. 58905
Kikuta, S. *see* Matsui, K. 52071
Kikuta, T. *see* Noda, H. 97180
Kikuta, T. *see* Ohkubo, M. 63815
Kikuta, T. *see* Yamaguchi, Y. 65893
Kikuya, Y., Hirano, M., Koyabu, K., Ohira, F. Micro alignment machine for optical coupling 56363
Kikuzawa, N. *see* Sawamura, M. 50881
Kil Chae Jong *see* Jong Kil Chae
Kil Jong Chul *see* Jong Chul Kil
Kilani, M.T., Chicharo, J.F. A novel parallel IIR adaptive line enhancer model structure 92406
Kilby, G., Warner, F.L. The accurate measurement of high attenuations at radio frequencies 86866
Kilby, G.J., Warner, F.L. The accurate measurement of attenuation and phase 53015
Kilcher, R.R. *see* Okafor, A.C. 91669
Kilcoyne, S.P. *see* Lear, K.L. 72915
Kilcoyne, S.P. *see* Lear, K.L. 83156
Kildal, P.-S., Baker, L.A., Hagfors, T. The Arecibo upgrading: electrical design and expected performance of the dual-reflector feed system 58529
Kildal, P.-S. *see* Hirokawa, J. 94962
Kilduff, M. *see* Anderson, S. 96435
Kilgo, A.C. *see* Vianco, P.T. 79300
Kilgore, M.A. *see* Fargher, H.E. 62349
Kilgour, A.C. *see* Fleming, S.T. 52047
Kilgus, C.C. *see* Jensen, J.R. 77468
Kilian, A. *see* Kyunghwan Oh 72741
Kilian, J. *see* Crepeau, C. 73764
Kilian, K. *see* Dahmen, M. 87984
Kilian, P. *see* Jan, J. 98766
Kilias, T. Generation of pseudo-chaotic sequences 80261
Kilic, O. *see* Lang, R.H. 77588
Kiliulis, R. *see* Vaitkus, J. 82801
Killeen, K.P. *see* Chalmers, S.A. 69952
Killen, A., Tarrant, D., Jensen, D. High acceleration, high performance solid state accelerometer development 67955
Killen, A., Tarrant, D., Jensen, D. High acceleration, high performance solid state accelerometer development 87146
Killian, E. *see* Gupta, R. 76648
Killian, E. *see* Lindner, M. 82420
Killian, J.L. *see* Attar, G. 90432
Killian, K. Pointing grade fiber optic gyroscope 66407
Killian, K.M. Pointing grade fiber optic gyroscope 77124
Killian, L. *see* Ferekides, C. 100490
Killian, W. Testing of higher-order PCM systems in telecommunication networks 83912
Killiches, K. *see* Rothe, K. 68316
Killinger, D.K. *see* Saito, Y. 65930
Kilner, J.A. *see* Breelle, E. 81543
Kilner, J.A. *see* Marsh, C.D. 81446
Kilner, J.A. *see* Yupu Li 49831
Kilosanidze, B.N., Kahkichashvili, S.D. On the nonparaxial generalization of polarization holography 56995
Kilov, H., Ross, J. Generic concepts for specifying relationships 51988
Kilpatrick, D., Johnston, P.R. Origin of the electrocardiogram 88486
Kilpatrick, J.M., Watson, J. Precision replay of underwater holograms 64016
Kilpela, A.J. *see* Vainshtein, S.N. 81846
Kim, B. Digital carrier recovery with adaptive dual loop DPLL for mobile communication applications 86117
Kim, B. *see* Sawano, Y. 80387
Kim, B.-S., Nam, S., Seo, K.-S. Analytic intrinsic model based parasitic extraction method for HEMTs 62870
Kim, B.G. *see* Kozlovsky, W.J. 72889
Kim, B.K. *see* Lee, C.D. 69992
Kim, B.K. *see* Lee, C.D. 79786
Kim, B.S. *see* Woo, S.Y. 76254
Kim, B.W., Charlson, E.M. Barrier property dependence of band nonparabolicity effects in a quantum well 81220
Kim, B.Y. *see* Jeong, H.J. 94057
Kim, B.Y. *see* Wysocki, P.F. 52885
Kim, C. *see* Green, A.M. 93203
Kim, C. *see* Sung, M.M. 87893
Kim, C. *see* Watanabe, K. 98303
Kim, C.C., Reeves, M.E., Osofsky, M.S., Skelton, E.F., Liebenberg, D.H. A system for in-situ pressure and ac susceptibility measurements using the diamond anvil cell: $T_c(P)$ for $HgBa_2CuO_{4+\delta}$ 53077
Kim, C.G., Ryu, K.S., Woo, B.C., Kim, C.S. Low magnetic field measurement by NMR using polarized flowing water 53030
Kim, C.G. *see* Byung Chill Woo 97769
Kim, C.H. Performance of the ALS injection system 76340
Kim, C.H., Han, I.K., Lee, J.I., Kang, K.N., Kwon, S.D., Choe, B., Park, H.L., Her, J., Lim, H. Effect of ultraviolet illumination on the charge trapping behaviour in SiN_x/InP metal-insulator-semiconductor structure provided by plasma enhanced chemical vapour deposition 55666
Kim, C.H. *see* Her, J. 61373
Kim, C.H. *see* Kim, K.H. 71459
Kim, C.J., Russell, B.D. A structure of fuzzy decision-making system for power system protection 53792
Kim, C.K. *see* Han, S.Y. 97421
Kim, C.K. *see* Kang, W.P. 52970
Kim, C.K. *see* Ko, Y.M. 70859
Kim, C.S. *see* Byung Chill Woo 97769
Kim, C.S. *see* Cheol Gi Kim 98302
Kim, C.S. *see* Kim, C.G. 53030
Kim, C.S. *see* Kim, Y.B. 50206
Kim, D., Pozder, S., Qi, B., Zhu, Y., Furtak, T.E., Williamson, D.L., Trefny, J.U. Thin film CdS/CdTe solar cells fabricated by electrodeposition 90433
Kim, D., Take, K., Tominaga, H. A structure and control method of the fast rearrangeable nonblocking (FAN) switch 85367
Kim, D., Young, J., Milton, S., Kim, H.J., Kim, Y. A real-time MPEG encoder using a programmable processor 64583
Kim, D. *see* Adam, A. 88087
Kim, D. *see* Adam, A. 88102
Kim, D. *see* Adriani, O. 88023
Kim, D. *see* Hong, S. 82252
Kim, D.-K., Lee, B.-T. Heteroepitaxial growth of GaAs on (100) GaAs and InP by selective liquid phase epitaxy 91474
Kim, D.E. *see* Kang, B.K. 76650
Kim, D.E. *see* Koo, Y.M. 76665
Kim, D.H., Caulfield, H.J., Jannson, T., Kostrzewski, A., Savant, G. Optical fractal image processor for noise-embedded targets detection 51578

Kim, D.H., Rae-Hong Park Analysis of quantization error in line-based stereo matching 64742
Kim, D.H. *see* Won, C.Y. 54018
Kim, D.J. *see* Seong, H.H. 100310
Kim, D.M., JaWoong Lee, Dosluoglu, T., Solanki, R., Qian, F. High-speed lateral polysilicon photodiodes 63574
Kim, D.S. *see* Lee, J. 83583
Kim, D.Y., Lawrence, B.L., Torruellas, W.E., Stegeman, G.I., Baker, G., Meth, J. Assessment of single crystal p-toluene sulfonate as an all-optical switching material at 1.3 μm 83329
Kim, D.Y., Torruellas, W.E., Kang, J., Bosshard, C., Stegeman, G.I., Vidakovic, P., Zyss, J., Moerner, W.E., Twieg, R., Bjorklund, G. Second-order cascading as the origin of large third-order effects in organic single-crystal-core fibers 63960
Kim, D.Y. *see* Torruellas, W.E. 94622
Kim, G.B. *see* Sang Yeong Lee 70855
Kim, G.H., Gray, J.L., Yoo, H.M., Ohuchi, F.S. Low-temperature growth and characterization of GaAs epitaxial layer on (111)B GaAs substrates 54840
Kim, G.H. *see* Kimura, W.D. 76628
Kim, G.J. *see* Barakat, M. 98712
Kim, G.O. *see* Chu, H.Y. 71585
Kim, H. *see* LaBel, K.A. 67726
Kim, H. *see* Lee, J.-L. 56004
Kim, H. *see* Zhou, Z.H. 91498
Kim, H.-J., Zeeberg, B.R., Reba, R.C. Evaluation of NEUROSPECT reconstruction algorithms: deterministic and statistical errors 59318
Kim, H.-S. *see* Helvajian, H. 62446
Kim, H.C. *see* Bose, N.K. 85004
Kim, H.D. *see* Sang Yeong Lee 70855
Kim, H.H. *see* Liu, T.M. 61659
Kim, H.H. *see* Liu, T.M. 82092
Kim, H.J., Yang, H.S. A neural network capable of learning and inference for visual pattern recognition 84934
Kim, H.J. *see* Kim, D. 64583
Kim, H.K. Advanced packaging methods of spacecraft power converters 88706
Kim, H.K., Chung, S.M. Parallel logic simulation using Time Warp on shared-memory multiprocessors 55040
Kim, H.L. *see* Sherebrin, M.H. 76969
Kim, H.S. Design of a fault-tolerant multichannel ATM switch for BISDN 96932
Kim, H.S. *see* Collier, B.R. 85254
Kim, H.S. *see* Koo, J.M. 65218
Kim, H.S. *see* Murakami, K. 64948
Kim, H.S. *see* Thyagarajan, K. 63469
Kim, H.T., Kim, K.Y., Noh, T.H., Kang, I.K., Kim, S.J. High permeability and low core loss of amorphous Fe-Zr-B-M (M=Ni, Nb) alloys in high frequency range 50224
Kim, H.T. *see* Kim, Y.B. 50206
Kim, I., Alferness, R.C., Koren, U., Buhl, L.L., Miller, B.I., Young, M.G., Chien, M.D., Koch, T.L., Presby, H.M., Raybon, G., Burrus, C.A. Broadly tunable vertical-coupler filtered tensile-strained InGaAs/InGaAsP multiple quantum well laser 56764
Kim, I., Alferness, R.C., Koren, U., Koch, T.L., Buhl, L.L., Miller, B.I., Young, M.G., Chien, M.D., Joyner, C.H., Zirngibl, M. Compact, broadband, polarisation-insensitive 3 dB optical power splitter on InP 63466
Kim, I. *see* Szu, H. 61855
Kim, I.J., Matsumoto, S., Sakai, T., Yachi, T. Breakdown voltage improvement for thin-film SOI power MOSFET's by a buried oxide step structure 55994
Kim, I.J. *see* Sakai, T. 100289
Kim, I.S. *see* Blake, J. 98045
Kim, I.Y., Yang, H.S. A systematic way for region-based image segmentation based on Markov random field model 85134
Kim, I.Y. *see* Ahn, C.B. 98845
Kim, J., Bliss, W.G. Numerical performance of non-canonic block state digital filters 80444
Kim, J., Schamiloglu, E., Martinez-Tovar, B., Jungling, K.C. Measurement of plasma electron density generated by a semiconductor bridge (SCB) 52984
Kim, J., Woods, J.W. Image identification and restoration in the subband domain 64734
Kim, J. *see* Bhat, M. 49885
Kim, J. *see* Bhat, M. 93167
Kim, J. *see* Keffer, C.E. 63538
Kim, J. *see* Lawler, B. 66469
Kim, J. *see* Roseman, R.D. 56103
Kim, J. *see* Sudhama, C. 61694
Kim, J. *see* Szu, H. 61855
Kim, J. *see* Yoon, G.W. 71836
Kim, J. *see* Yoon, G.W. 80318
Kim, J.-G. *see* Moon, J.-D. 64072
Kim, J.-J., Jones, J. A conceptual framework for dynamic control of daylighting and electric lighting systems 69194
Kim, J.-K. *see* Kim, M.-K. 51583
Kim, J.-K. *see* Kwon, S.-K. 57740
Kim, J.-W., Ahn, H.-S. An evolution strategy toward digitalized inter-exchange network structure in Seoul metropolitan area 85497
Kim, J.B., Suda, T., Yoshimura, M. International standardization of B-ISDN 96820
Kim, J.C., Khang, Y.H., Shim, T.E., Lee, D.H., Jeon, D., Kuk, Y. In situ characterization of the liquid-solid interface by scanning tunneling microscopy 71058
Kim, J.C., Schwartz, R.J., Gray, J.L. Factors affecting the open circuit voltage in amorphous silicon solar cells 100695
Kim, J.C. *see* Woo, S.H. 71379
Kim, J.E. *see* Her, J. 61373
Kim, J.G., Frenkel, A.C., Liu, T., Park, R.M. Growth by molecular beam epitaxy and electrical characterization of Si-doped zinc blende GaN films deposited on β-SiC coated (001) Si substrates 71101
Kim, J.G. *see* Lee, S.I. 83995
Kim, J.G. *see* Lee, S.I. 95146
Kim, J.H. *see* Jeong, H.J. 94057
Kim, J.H. *see* Kwanghoon Sohn 64863
Kim, J.H. *see* Yoon, G.W. 61342
Kim, J.H. *see* Yoon, S.H. 74231
Kim, J.L., Yeom, H. A fault-tolerant implementation protocol for replicated database systems on bus local area networks 51865
Kim, J.L. *see* Park, T. 96769
Kim, J.M. *see* Kwon, H.C. 76890
Kim, J.M.S., Dewan, S.B. Effects of capacitor current inner loop in designing magnet power supply feedback control 60312
Kim, J.M.S., Reiniger, K.W. Frequency-domain analysis of resonant-type ring magnet power supplies 67158
Kim, J.M.S. *see* Pavan Kumar, M.R. 88216
Kim, J.N. *see* Kwon, T.Y. 73045
Kim, J.N. *see* Taeg Yong Kwon 73079
Kim, J.O. *see* Singh, C. 89007
Kim, J.S., Cho, H.S. A fuzzy logic and neural network approach to boundary detection for noisy imagery 84908
Kim, J.S., Henke, H., Sessler, A.M., Whittum, D.H. Multi-bunch beam-break-up studies for a SWFEL/TBA 87915
Kim, J.S., Seiler, D.G., Colombo, L., Chen, M.C. Electrical characterization of liquid-phase epitaxially grown single-crystal films of mercury cadmium telluride by variable-magnetic-field Hall measurements 81237
Kim, J.S. *see* Kim, M.G. 60346
Kim, J.S. *see* Lee, C.S. 71455
Kim, J.S. *see* Marzouk, H.A. 79953
Kim, J.S. *see* Ryu, Y.I. 56124
Kim, J.W. *see* Lee, C.D. 69992
Kim, J.W. *see* Lee, C.D. 79786
Kim, J.Y., Sung, K.M. Speech recognition using linear prediction based on aural characteristics 73805
Kim, J.Y. *see* Lee, J.W. 79853
Kim, J.Y. *see* Marzouk, H.A. 79953
Kim, K. Analog-to-digital conversion and harmonic noises due to the integral nonlinearity 75891
Kim, K. A fail-safe quench detection system for the large-scale superconducting magnets 93973
Kim, K., Kim, S.H., Thompson, K.M., Turner, L.R. Design and tests of the injector synchrotron magnets for the 7-GeV Advanced Photon Source 76669
Kim, K., Kim, S.H., Turner, L.R., Doose, C.L., Hogrefe, R., Merl, R. Magnetic measurement data of the injector synchrotron dipole magnets for the 7-GeV Advanced Photon Source 76666
Kim, K., Park, K.S. Phased-mission system reliability under Markov environment 69648
Kim, K. *see* Chun, H.S. 60434
Kim, K. *see* Kim, S.H. 76348
Kim, K. *see* Kim, S.H. 76349
Kim, K. *see* Kim, S.H. 76571
Kim, K. *see* Kim, S.H. 76667
Kim, K. *see* Kim, S.H. 76668
Kim, K. *see* Ogitsu, T. 87687
Kim, K. *see* Turner, L.R. 76671
Kim, K.-H. *see* Kern, A. 90524
Kim, K.-J., Suemitsu, M., Miyamoto, N. Silicon shot gas epitaxy: dose-controlled digital epitaxy 91484
Kim, K.-J., Xie, M., Scharlemann, E.T., Pellegrini, C., Travish, G. Performance characteristics, optimization, and error tolerances of a 4 nm FEL based on the SLAC linac 63874
Kim, K.-J. *see* Conde, M.E. 71027
Kim, K.-J. *see* Leemans, W. 66863
Kim, K.-J. *see* Suemitsu, M. 91499
Kim, K.-J. *see* Winick, H. 63870
Kim, K.-J. *see* Winick, H. 83178
Kim, K.-w., Washimi, K., Nishiura, Y., Iwashita, T., Nishi, Y., Okamoto, K. Digital output fiber optic gyroscope 98046
Kim, K.C. *see* Lee, S.H. 56131
Kim, K.H. Utilization of qualitative information for multisensor target tracking 57514
Kim, K.H., Han, W.S., Kim, C.H., Kang, H.Y., Park, C.G., Koh, Y.B. Characteristics of standing wave effect of off-axis illumination depending on two different resist systems and the polarization effect of stepper 71459
Kim, K.H., Roush, F.W. Strong shift equivalence in semigroups 91171
Kim, K.H. *see* Dharchoudhury, A. 91820
Kim, K.Hyde *see* Hyde Kim, K.
Kim, K.I., Kuwano, H., Young Kyu Kwon, Hahn, S.K. Annealing behavior of defects induced by self-implantation in Si 93146
Kim, K.J. *see* Woo, S.Y. 76254
Kim, K.K., Meyer, J.E., Lanning, D.D., Bernard, J.A. Design and evaluation of model-based compensators for the control of steam generator level 60058
Kim, K.S. *see* Sousa, G.C.D. 90523
Kim, K.W. *see* Ellis-Monaghan, J.J. 62765
Kim, K.W. *see* Han, S.Y. 97421
Kim, K.W. *see* Tian, H. 62912
Kim, K.W. *see* Tian, H. 93374
Kim, K.W. *see* Woolard, D.L. 49940
Kim, K.W. *see* Woolard, D.L. 81761
Kim, K.Y., Lee, J.S., Noh, H., Kang, I.K., Kang, T. Magnetic properties behaviors in $Fe_{88}Zr_7B_4Cu_1$ nanocrystalline alloy prepared by different postanneal cooling rates 71991
Kim, K.Y. *see* Kim, H.T. 50224
Kim, K.Y. *see* Nam, S.H. 70860
Kim, M. *see* Tewfik, A.H. 51444
Kim, M.-K., Kim, J.-K. Efficient motion estimation algorithm for bidirectional prediction scheme 51583
Kim, M.G., Kim, J.S. Modeling and optimal-trajectory control of the series resonant converter pulsewidth-modulated or current-controlled for low switching loss 60346
Kim, M.H. *see* Parsons, C.A. 81938
Kim, M.J., Chubachi, N. Theoretical and experimental characteristics analysis of multi-frequency composite Langevin-type ultrasonic transducer 67934
Kim, M.J. *see* Han, J.H. 64698
Kim, M.K. *see* Ham, B.S. 73063
Kim, M.R., Guruswamy, S., Johnson, K.E. Experimental observation of solute segregation in longitudinal CoPtCr/Cr magnetic thin films 50225
Kim, M.R., Guruswamy, S., Johnson, K.E. Development of columnar microstructure in magnetron sputter deposited CoPtCr/Cr magnetic thin films 50226
Kim, M.S. *see* Briggs, S.J. 68211
Kim, M.W. Gram-Charlier and generalized probabilistic neural networks based radar target detection in non-Gaussian noise 75534
Kim, M.W. *see* Trunk, G.V. 65882
Kim, M.W. *see* Trunk, G.V. 97386
Kim, P. *see* Tuckerman, D.B. 48679
Kim, P.C. *see* Alexander, J.P. 59072
Kim, P.C. *see* Alexander, J.P. 70305
Kim, Q., Schwartz, H., McCarty, K., Coss, J., Barnes, C. Single event effects on space radiation hardened 64 K SRAMS at room temperature 70493
Kim, Q. *see* Mendis, S.K. 66459
Kim, R.Y. *see* Brezovich, I.A. 77043
Kim, R.Y. *see* Drake, K.C. 74555
Kim, R.Y. *see* Drake, K.C. 84590
Kim, R.Y. *see* Drake, K.C. 84591
Kim, S. A parallelizable iterative procedure for the Helmholtz problem 61154
Kim, S., Chandy, J.A., Parkes, S., Ramkumar, B., Banerjee, P. ProperPLACE: a portable parallel algorithm for standard cell placement 55039
Kim, S., Enjeti, P. A new three phase AC to DC rectifier with active power factor correction 68825
Kim, S., Enjeti, P., Packebush, P., Pitel, I. A new approach to improve power factor and reduce harmonics in a three phase diode rectifier type utility interface 68763
Kim, S. *see* Bankoff, S.G. 88702
Kim, S. *see* Hara, K. 82557
Kim, S.-D. *see* Lee, J.-H. 95654
Kim, S.-H., Sul, S.-K., Park, M.-H. Maximum torque control of an induction machine in the field weakening region 69052
Kim, S.B. *see* Im, S. 84519
Kim, S.B. *see* Ishiyama, A. 82491
Kim, S.C. *see* Won, C.Y. 54018
Kim, S.H., Anand, N.K. Turbulent heat transfer between a series of parallel plates with surface-mounted discrete heat sources 91005
Kim, S.H., Carnegie, D.W., Doose, C.L., Hogrefe, R., Kim, K., Merl, R., Turner, L.R. Magnetic measurements of the injector synchrotron magnets for the Advanced Photon Source 76348
Kim, S.H., Doose, C., Hogrefe, R., Kim, K., Merl, R. The magnet measurement facility for the Advanced Photon Source 76571
Kim, S.H., Doose, C.L., Kim, K., Thompson, K.M., Turner, L.R. Performance of quadrupole and sextupole magnets for the Advanced Photon Source storage ring 76349
Kim, S.H., Kim, K., Doose, C., Hogrefe, R., Merl, R. Magnet measurement facility for the 7-GeV Advanced Photon Source 76667
Kim, S.H., Kim, K., Doose, C., Hogrefe, R., Merl, R. Magnetic measurements of the storage ring quadrupole magnets for the 7-GeV Advanced Photon Source 76668
Kim, S.H. *see* Kim, K. 76666
Kim, S.H. *see* Kim, K. 76669
Kim, S.H. *see* Taleyarkhan, R.P. 68400
Kim, S.H. *see* Turner, L.R. 76671
Kim, S.H. *see* Zen, H. 86788
Kim, S.J. *see* Kim, H.T. 50224

Kim, S.K., Lee, H.H. Extrinsic conditions for low temperature silicon homoepitaxy 79863
Kim, S.K. *see* Tesarek, R.J. 98504
Kim, S.K. *see* Wen-Yu Su 74524
Kim, S.P., Su, W.Y. Subpixel accuracy image registration by spectrum cancellation 84976
Kim, S.P. *see* Ginesta, X. 57909
Kim, S.R., Efron, A. Adaptive impulse noise filtering 84422
Kim, S.S., Wijaranokula, W. The effect of the crystal grown-in defects on the pause tail characteristics of megabit dynamic random access memory devices 69917
Kim, S.T., Tanaka, T., Amano, H., Akasaki, I. Polarization of light from an optically pumped (Al-Ga-N)/(Ga-In-N) double heterostructure 83134
Kim, S.W. *see* Lee, S.W. 63610
Kim, T., Chung, K.-S., Liu, C.L. A stepwise refinement data path synthesis procedure for easy testability 49226
Kim, T., Yun, J.S., Song, I., Na, Y.J. Comparison of known signal detection schemes under a weakly dependent noise model 95467
Kim, T.-J. *see* Fischer, V. 71194
Kim, T.-J. *see* Kostuk, R.K. 82749
Kim, T.H. *see* Ahn, J.H. 70559
Kim, T.I. *see* Lee, J.W. 79853
Kim, T.K. *see* Kim, Y.B. 50206
Kim, T.S. *see* Hill, D.G. 50075
Kim, T.W., Kim, Y., Min, S.-K., Lee, J.Y., Lee, S.J. Structural, electrical and optical properties of Si delta-doped $Al_{0.27}Ga_{0.73}As$/GaAs single quantum wells grown by metalorganic chemical vapour deposition 93028
Kim, T.W., Park, H.L., Lee, J.Y. Interfacial stages of the ZnTe/GaAs strained heterostructures grown by temperature-gradient vapor transport deposition at low temperature 55588
Kim, T.W., Yoo, K.-H., Lee, K.-S., Kim, Y., Min, S.-K., Yom, S.S., Lee, S.S., Lee, S.J. Magneto-transport and electron subband studies of edge delta-doped $Al_{0.27}Ga_{0.73}As$/GaAs single quantum wells 81301
Kim, T.W. *see* Oh, Y.T. 81476
Kim, T.Y. *see* Drake, K.C. 74555
Kim, T.Y. *see* Drake, K.C. 84591
Kim, V.D. *see* Khairiddinov, B.E. 60486
Kim, W. *see* Mandeville, J.B. 76855
Kim, W.K. *see* Park, Y.C. 86575
Kim, W.S. *see* Han, S.Y. 97421
Kim, Y., Hunt, W.D., Yongsheng Liu, Cheng-Kuei Jen Velocity surface measurements for ZnO films over {001}-cut GaAs 82220
Kim, Y., Hunt, W.D., Yongsheng Liu, Cheng-Kuei Jen Velocity surface measurements for ZnO films over {001}-cut GaAs 93842
Kim, Y. *see* Kang, S. 85994
Kim, Y. *see* Kim, D. 64583
Kim, Y. *see* Kim, T.W. 81301
Kim, Y. *see* Kim, T.W. 93028
Kim, Y. *see* Shin, J.C. 71568
Kim, Y.-G., Gam, K.S., Kang, K.H. Immersion characteristics and reproducibility of the gold/palladium thermocouple 87585
Kim, Y.-K. *see* Cho, C.-H. 80587
Kim, Y.-T., Arce, G.R. Permutation filter lattices: a general non-linear filtering framework 84326
Kim, Y.-W., Mei, D.H., Lubben, D., Robertson, I., Greene, J.E. Epitaxial $(GaAs)_{1-x}(Si_2)_x$ metastable alloys on GaAs(001) and $(GaAs)_{1-x}(Si_2)_x$/GaAs strained-layer superlattices: crystal growth, spinodal decomposition, and antiphase domains 79788
Kim, Y.B., Kim, H.T., Kim, C.S., Kim, T.K. Effects of B and Mo on the magnetic properties of NdFeTi-nitrides with $ThMn_{12}$-type structure 50206
Kim, Y.D., Cooper, S.L., Klein, M.V., Park, J.-H., Jonker, B.T. Spectroscopic ellipsometry study of $Zn_{1-x}Co_xSe$ alloys grown on GaAs 92954
Kim, Y.G. *see* Chung, T.Y. 91001
Kim, Y.G. *see* Park, T. 71697
Kim, Y.H., Ohkawa, M., Ishiyama, K., Arai, K.I. Grain size and domain width of a very thin 3% Si-Fe sheet 71988
Kim, Y.H., Ohkawa, M., Yamaguchi, M., Ishiyama, K., Arai, K.I. Dynamic properties of very thin 3% Si-Fe cores in relation to the number of layers 72168
Kim, Y.H. *see* Arai, K.I. 63245
Kim, Y.H. *see* Ohkawa, M. 72042
Kim, Y.J. *see* Ahn, C.H. 60261
Kim, Y.J. *see* Ahn, C.H. 68667
Kim, Y.J. *see* Ahn, C.H. 80938
Kim, Y.J. *see* Ko, J.S. 56127
Kim, Y.J. *see* Lee, S.H. 56104
Kim, Y.J. *see* Lee, S.H. 56131
Kim, Y.J. *see* Shin, J.C. 71568
Kim, Y.K., Oliveria, M. Magnetic properties and texture of sputtered Fe/Fe_3O_4 multilayer films 71966
Kim, Y.N. *see* Khang, Y. 71201
Kim, Y.N. *see* Kwon, K.W. 93537
Kim, Y.O. *see* Lee, K.F. 62856
Kim, Y.O. *see* Lee, K.F. 93613
Kim, Y.O. *see* Manchanda, L. 93617
Kim, Y.O. *see* Park, B.G. 62227
Kim, Y.O. *see* Warwick, C.A. 56048
Kim, Y.W. *see* Wilkinson, S.T. 82875
Kim Baek-Sop *see* Baek-Sop Kim
Kim Beum Hun *see* Beum Hun Kim
Kim Bo-Woo *see* Bo-Woo Kim
Kim Bong Ryul *see* Bong Ryul Kim
Kim Bum Man *see* Bum Man Kim
Kim Bumman *see* Bumman Kim
Kim Byoung-Hwan *see* Byoung-Hwan Kim
Kim Byung Chul *see* Byung Chul Kim
Kim Byung-Tai *see* Byung-Tai Kim
Kim Byungwhan *see* Byungwhan Kim
Kim Chang Gyun *see* Chang Gyun Kim
Kim Chang Suk *see* Chang Suk Kim
Kim Chang-Dong *see* Chang-Dong Kim
Kim Chang-Eob *see* Chang-Eob Kim
Kim Chang-Seok *see* Chang-Seok Kim
Kim Chang-Suk *see* Chang-Suk Kim
Kim Changhyun *see* Changhyun Kim
Kim Cheeha *see* Cheeha Kim
Kim Cheol Gi *see* Cheol Gi Kim
Kim Cheol Su *see* Cheol Su Kim
Kim Cheol Sung *see* Cheol Sung Kim
Kim Cheol-Hong *see* Cheol-Hong Kim
Kim Cheol-soo *see* Cheol-soo Kim
Kim Cheolhong *see* Cheolhong Kim
Kim Cheon Soo *see* Cheon Soo Kim
Kim Choen *see* Choen Kim
Kim Chong Hee *see* Chong Hee Kim
Kim Chong Sang *see* Chong Sang Kim
Kim Chong-Kwoon *see* Chong-Kwoon Kim
Kim Chonggun *see* Chonggun Kim
Kim Choong Won *see* Choong Won Kim
Kim Choong-Ki *see* Choong-Ki Kim
Kim Chul-Kyu *see* Chul-Kyu Kim
Kim Chun Keun *see* Chun Keun Kim
Kim Dae Hwan *see* Dae Hwan Kim
Kim Dae jeong *see* Dae jeong Kim
Kim Dae Keuk *see* Dae Keuk Kim
Kim Dae Sik *see* Dae Sik Kim
Kim Dae Yong *see* Dae Yong Kim
Kim Dae Young *see* Dae Young Kim
Kim Dae-won *see* Dae-won Kim
Kim Dalwoo *see* Dalwoo Kim
Kim Deug Hwan *see* Deug Hwan Kim
Kim Do Hyun *see* Do Hyun Kim
Kim Doh Hoon *see* Doh Hoon Kim
Kim Dong Hwan *see* Dong Hwan Kim
Kim Dong Hyun *see* Dong Hyun Kim
Kim Dong Pil *see* Dong Pil Kim
Kim Dong Wook *see* Dong Wook Kim
Kim Dong Yong *see* Dong Yong Kim
Kim Dong-Hun *see* Dong-Hun Kim
Kim Dong-Il *see* Dong-Il Kim
Kim Dong-In *see* Dong-In Kim
Kim Dong-Keun *see* Dong-Keun Kim
Kim Duck Hyun *see* Duck Hyun Kim
Kim Duck Jin *see* Duck Jin Kim
Kim Duk Gyoo *see* Duk Gyoo Kim
Kim Duk-Heon *see* Duk-Heon Kim
Kim Duk-Woo *see* Duk-Woo Kim
Kim Eui Sun *see* Lim Young Cheol 97923
Kim Eun Kyu *see* Eun Kyu Kim
Kim Eun Sok *see* Eun Sok Kim
Kim Eun-Soo *see* Eun-Soo Kim
Kim Eun-Soon *see* Eun-Soon Kim
Kim Eung Soo *see* Eung Soo Kim
Kim Geon Ho *see* Geon Ho Kim
Kim Gi Seok *see* Gi Seok Kim
Kim Gye-Young *see* Gye-Young Kim
Kim Gyudong *see* Gyudong Kim
Kim Hack-Sung *see* Hack-Sung Kim
Kim Hae Lyong *see* Hae Lyong Kim
Kim Haecheon *see* Haecheon Kim
Kim Hai-Doo *see* Hai-Doo Kim
Kim Han Gon *see* Han Gon Kim
Kim Han Gyoo *see* Han Gyoo Kim
Kim Han Jun *see* Han Jun Kim
Kim Hanhwe *see* Hanhwe Kim
Kim Hansaeng *see* Hansaeng Kim
Kim Hee Chang *see* Hee Chang Kim
Kim Hee-Tae *see* Hee-Tae Kim
Kim Heung Sik *see* Heung Sik Kim
Kim Heung Soo *see* Heung Soo Kim
Kim Ho Sung *see* Seong Dong Su 91264
Kim Ho-gi *see* Ho-gi Kim
Kim Hong Koo *see* Hong Koo Kim
Kim Hong Yoon *see* Hong Yoon Kim
Kim Hung-Eil *see* Hung-Eil Kim
Kim Hyang Sook *see* Hyang Sook Kim
Kim Hyeog Gu *see* Hyeog Gu Kim
Kim Hyeong Joon *see* Hyeong Joon Kim
Kim Hyeong-Soo *see* Hyeong-Soo Kim
Kim Hyeongil *see* Hyeongil Kim
Kim Hyong Kap *see* Hyong Kap Kim
Kim Hyoung Ill *see* Hyoung Ill Kim
Kim Hyun-Soo *see* Hyun-Soo Kim
Kim Hyun-Tak *see* Hyun-Tak Kim
Kim Hyung-Dong *see* Hyung-Dong Kim
Kim Hyunhee *see* Hyunhee Kim
Kim I Gon *see* Lim Young Cheol 97923
Kim Il-Jung *see* Il-Jung Kim
Kim In *see* In Kim
Kim In Gyeom *see* In Gyeom Kim
Kim In Kwon *see* In Kwon Kim
Kim In-Kyung *see* In-Kyung Kim
Kim In-Tae *see* In-Tae Kim
Kim Inn Seock *see* Inn Seock Kim
Kim Jae Chang *see* Jae Chang Kim
Kim Jae Do *see* Jae Do Kim
Kim Jae Ho *see* Jae Ho Kim
Kim Jae Hyun *see* Jae Hyun Kim
Kim Jae Kong *see* Jae Kong Kim
Kim Jae Yeong *see* Jae Yeong Kim
Kim Jae-Hwan *see* Jae-Hwan Kim
Kim Jae-Kyoon *see* Jae-Kyoon Kim
Kim Jae-Mook *see* Jae-Mook Kim
Kim Jai Hic *see* Jai Hic Kim
Kim Jang-Joo *see* Jang-Joo Kim
Kim Je Ik *see* Je Ik Kim
Kim Jeong Ho *see* Jeong Ho Kim
Kim Jeong Hyun *see* Jeong Hyun Kim
Kim Jeong Soo *see* Jeong Soo Kim
Kim Jeong Woo *see* Jeong Woo Kim
Kim Jeong-Hoon *see* Jeong-Hoon Kim
Kim Ji-Hong *see* Ji-Hong Kim
Kim Jin Hwan *see* Jin Hwan Kim
Kim Jin Min *see* Jin Min Kim
Kim Jin Tae *see* Jin Tae Kim
Kim Jin Woo *see* Jin Woo Kim
Kim Jin-Ok *see* Jin-Ok Kim
Kim Jin-Soo *see* Jin-Soo Kim
Kim Jin-Woong *see* Jin-Woong Kim
Kim Jinhee *see* Jinhee Kim
Kim Jiyoung *see* Jiyoung Kim
Kim Jong Choul *see* Jong Choul Kim
Kim Jong Hoon *see* Jong Hoon Kim
Kim Jong O *see* Jong O Kim
Kim Jong Soo *see* Jong Soo Kim
Kim Jong Won *see* Jong Won Kim
Kim Jong-Chul *see* Jong-Chul Kim
Kim Jong-Jean *see* Jong-Jean Kim
Kim Jong-Myong *see* Jong-Myong Kim
Kim Jong-Sup *see* Jong-Sup Kim
Kim Jongmin *see* Jongmin Kim
Kim Joohn Sheok *see* Joohn Sheok Kim
Kim Joon Cheol *see* Joon Cheol Kim
Kim Joon Seek *see* Joon Seek Kim
Kim Joon-Yeop *see* Joon-Yeop Kim
Kim Joong Kyu *see* Joong Kyu Kim
Kim Joungho *see* Joungho Kim
Kim Jun-Mo *see* Jun-Mo Kim
Kim Jun-O *see* Jun-O Kim
Kim Jung Gyu *see* Jung Gyu Kim
Kim Jung Hun *see* Jung Hun Kim
Kim Jung-Hyung *see* Jung-Hyung Kim
Kim Junghwan *see* Junghwan Kim
Kim Kang-Jin *see* Kang-Jin Kim
Kim Keum-Yong *see* Keum-Yong Kim
Kim Keunbae *see* Keunbae Kim
Kim Ki Chai *see* Ki Chai Kim
Kim Ki Doo *see* Ki Doo Kim
Kim Ki Hyun *see* Ki Hyun Kim
Kim Ki Man *see* Ki Man Kim
Kim Ki-Bum *see* Ki-Bum Kim
Kim Ki-Yong *see* Ki-Yong Kim
Kim Kiho *see* Kiho Kim
Kim Kiseon *see* Kiseon Kim
Kim Kun-Suk *see* Kun-Suk Kim
Kim Kwang Ho *see* Kwang Ho Kim
Kim Kwang Il *see* Kwang Il Kim
Kim Kwang-Bae *see* Kwang-Bae Kim
Kim Kwang-Ick *see* Kwang-Ick Kim
Kim Kyeong-Sup *see* Kyeong-Sup Kim
Kim Kyong Hon *see* Kyong Hon Kim
Kim Kyong Suk *see* Choong Won Kim 93451
Kim Kyu-Tae *see* Kyu-Tae Kim
Kim Kyung Ho *see* Kyung Ho Kim
Kim Kyung-Tae *see* Kyung-Tae Kim
Kim Kyung-Yong *see* Kyung-Yong Kim
Kim Lee-Sup *see* Lee-Sup Kim
Kim Mi Ran *see* Mi Ran Kim
Kim Moo Sun *see* Moo Sun Kim
Kim Moo-Sung *see* Moo-Sung Kim
Kim Moonho *see* Moonho Kim
Kim Moonil *see* Moonil Kim
Kim Myong-Wook *see* Myong-Wook Kim
Kim Myoung-Won *see* Myoung-Won Kim
Kim Myung Sik *see* Myung Sik Kim
Kim Myung Su *see* Myung Su Kim
Kim Myung-Seon *see* Myung-Seon Kim
Kim Myungho *see* Myungho Kim
Kim Nak Joong *see* Nak Joong Kim
Kim Nam Sun *see* Nam Sun Kim
Kim Nam-Ho *see* Nam-Ho Kim
Kim Ook *see* Ook Kim
Kim Pill Soo *see* Pill Soo Kim
Kim Pyung Jae *see* Pyung Jae Kim
Kim Sam-Dong *see* Sam-Dong Kim
Kim Sang Bae *see* Sang Bae Kim
Kim Sang Gee *see* Sang Gee Kim
Kim Sang Myung *see* Sang Myung Kim
Kim Sang Wu *see* Sang Wu Kim
Kim Sanghyun *see* Sanghyun Kim
Kim Sangmun *see* Sangmun Kim
Kim Se Il *see* Se Il Kim
Kim Seehyun *see* Seehyun Kim
Kim Sehun *see* Sehun Kim
Kim Sei-Chan *see* Sei-Chan Kim
Kim Seo Kyu *see* Seo Kyu Kim
Kim Seog-Whan *see* Seog-Whan Kim
Kim Seok Chang *see* Seok Chang Kim
Kim Seok Ho *see* Seok Ho Kim
Kim Seok Tae *see* Seok Tae Kim
Kim Seok-Yoon *see* Seok-Yoon Kim
Kim Seong Dae *see* Seong Dae Kim
Kim Seong Hoon *see* Seong Hoon Kim
Kim Seong Il *see* Seong Il Kim
Kim Seong Woo *see* Seong Woo Kim
Kim Seong-Chul *see* Seong-Chul Kim
Kim Seong-Dae *see* Seong-Dae Kim
Kim Seong-Dong *see* Seong-Dong Kim

Kim Seong-Il *see* Seong-Il Kim
Kim Seong-in *see* Seong-in Kim
Kim Seong-Ju *see* Seong-Ju Kim
Kim Seong-Lyun *see* Seong-Lyun Kim
Kim Seongbong *see* Seongbong Kim
Kim Seung-Ri *see* Seung-Ri Kim
Kim Shih-Chieh *see* Shih-Chieh Kim
Kim Si Bum *see* Si Bum Kim
Kim Sok Won *see* Sok Won Kim
Kim Soo Joong *see* Soo Joong Kim
Kim Soon Hyob *see* Soon Hyob Kim
Kim Soon-Gwang *see* Soon-Gwang Kim
Kim Suk-Ki *see* Suk-Ki Kim
Kim Sun-Oo *see* Sun-Oo Kim
Kim Sung Bae *see* Sung Bae Kim
Kim Sung Bin *see* Sung Bin Kim
Kim Sung Chun *see* Park Byoung Seob 65234
Kim Sung joon *see* Sung joon Kim
Kim Sung Ki *see* Sung Ki Kim
Kim Sung Yong *see* Sung Yong Kim
Kim Sung-Soo *see* Sung-Soo Kim
Kim Sungjoon *see* Sungjoon Kim
Kim Tae *see* Tae Kim
Kim Tae Gak *see* Tae Gak Kim
Kim Tae Gon *see* Lim Young Cheol 97923
Kim Tae Hyung *see* Tae Hyung Kim
Kim Tae Kyoon *see* Tae Kyoon Kim
Kim Tae Seon *see* Tae Seon Kim
Kim Tae Song *see* Tae Song Kim
Kim Tae Yoon *see* Tae Yoon Kim
Kim Tae-Hyun *see* Tae-Hyun Kim
Kim Tae-Sung *see* Tae-Sung Kim
Kim Taeil *see* Taeil Kim
Kim Taejin *see* Taejin Kim
Kim Taek Moo *see* Taek Moo Kim
Kim Taeyoup *see* Taeyoup Kim
Kim Tai-Yun *see* Tai-Yun Kim
Kim Taik-Kee *see* Taik-Kee Kim
Kim Ung *see* Ung Kim
Kim Wang *see* Wang Kim
Kim Wang-Sup *see* Wang-Sup Kim
Kim Weon Goo *see* Weon Goo Kim
Kim Won Chan *see* Won Chan Kim
Kim Won-Ho *see* Won-Ho Kim
Kim Won-Sam *see* Won-Sam Kim
Kim Wonchan *see* Wonchan Kim
Kim Wonjong *see* Wonjong Kim
Kim Wookhyun *see* Wookhyun Kim
Kim Woong Chae *see* Woong Chae Kim
Kim Yang-Hann *see* Yang-Hann Kim
Kim Yeo Hwan *see* Yeo Hwan Kim
Kim Yeong-Taeg *see* Yeong-Taeg Kim
Kim Yong *see* Yong Kim
Kim Yong Deak *see* Yong Deak Kim
Kim Yong Hwan *see* Yong Hwan Kim
Kim Yong Ro *see* Yong Ro Kim
Kim Yong Tae *see* Yong Tae Kim
Kim Yong-Jin *see* Yong-Jin Kim
Kim Yongmin *see* Yongmin Kim
Kim Yongsoo *see* Yongsoo Kim
Kim Yoon Soo *see* Yoon Soo Kim
Kim Yoon-Bae *see* Yoon-Bae Kim
Kim Yoonkee *see* Yoonkee Kim
Kim Young Bum *see* Young Bum Kim
Kim Young Gun *see* Young Gun Kim
Kim Young Guon *see* Young Guon Kim
Kim Young Han *see* Young Han Kim
Kim Young Kyu *see* Young Kyu Kim
Kim Young Oo *see* Young Oo Kim
Kim Young-Rae *see* Young-Rae Kim
Kim Young-Real *see* Young-Real Kim
Kim Young-Seek *see* Young-Seek Kim
Kim Young-Seok *see* Young-Seok Kim
Kim Young-Sik *see* Young-Sik Kim
Kim Young-Soo *see* Young-Soo Kim
Kim Youngjin *see* Youngjin Kim
Kim Youngky *see* Youngky Kim
Kim Youngsik *see* Youngsik Kim
Kim Youngtae *see* Youngtae Kim
Kim Yung Kwon *see* Yung Kwon Kim
Kim-Chuan Toh, Trefethen, L.N. Pseudozeros of polynomials and pseudospectra of companion matrices 91365
Kim-Gau Ng, Small, C.F. Update on methods and simulators for evaluation of noninvasive blood pressure monitors 88348
Kim-Ngan, N.H. *see* Mihalik, M. 71986
Kimata, M., Suzuki, T., Saino, K., Kawamura, K., Hobbs, A. Stabilized α-Sn grown at high temperature by molecular beam epitaxy 54860
Kimata, M. *see* Numano, T. 69161
Kimata, M. *see* Yagi, H. 58831
Kimball, J.F., Allen, P.E., Griffis, D.P., Radzimski, Z.J., Russell, P.E. Selectivity variations of electron beam patterned silicon dioxide films 93248
Kimber, D., Bush, M. Situated state hidden Markov models 84077
Kimber, E.M. *see* Fells, J.A.J. 75400
Kimber, P.K. *see* Bhandal, A.S. 69179
Kimber, R., Regalado, O., Wu, C. The EOS-AM solar array—a flexible GaAs/Ge array 99103
Kimble, H.J. *see* Mabuchi, H. 94645
Kimbrough, S.O. *see* Ginsburg, M. 51943
Kime, C.R. *see* Neebel, D.J. 49373
Kime, C.R. *see* So, B.S. 49376
Kimel, I., Elias, L.R. Hybrid resonators for FELs 50895
Kimel, I., Elias, L.R. High power electrostatic-accelerator FELs for power beaming 83186
Kimerling, L.C. *see* M'Saad, H. 55820
Kimerling, L.C. *see* M'saad, H. 81527
Kimerling, L.C. *see* Zheng, B. 56568
Kimitch, I., Calabrese, G. Review: HyperCard and the Prairie DMM 76114
Kimme-Smith, C., Solberg, T. Acceptance testing prone stereotactic breast biopsy units 76960
Kimmel, K.R. *see* Marine, S.S. 81596
Kimmelman, R. ASIC design environment for partitioning and mapping 61653
Kimoto, H. *see* Takahashi, H. 61705
Kimoto, K., Masumoto, K., Noda, Y., Kumazawa, K., Kiyosawa, T., Koguchi, N. Solid solubility determination and single crystal preparation of new quaternary solid solution system of $(Pb_{1-x}Ge_x)(S_{1-y}Se_y)$ 62214
Kimoto, K., Mochizuki, K., Masumoto, K. Heteroepitaxial growth of chalcopyrite-type $CuAlSe_2$ compound semiconductor by molecular beam epitaxy 61268
Kimoto, K. *see* Mochizuki, K. 61224
Kimoto, K. *see* Okado, C. 89752
Kimoto, K. *see* Shinohara, H. 100017
Kimoto, K. *see* Yuyama, S. 100022
Kimoto, M. *see* Nishi, T. 85668
Kimoto, T., Asai, M., Yasuda, Y. A method of shape description by a distribution function 84748
Kimoto, T., Masumoto, D., Yamakawa, H., Nagata, S. Hierarchical sensory information processing model with neural networks 84615
Kimoto, T. *see* Horii, N. 85761
Kimoto, T. *see* Itoh, A. 79815
Kimoto, T. *see* Jang, S. 71141
Kimrey, H., Jr. *see* Iskander, M.F. 61425
Kimura, A., Kimura, N., Makida, Y., Terashima, A., Shintomi, T., Hirabayashi, H., Lei, Y.Z. Influence of curing on AC losses of cables for superconducting accelerator magnets 72259
Kimura, A. *see* Hirano, T. 48684
Kimura, A. *see* Tsuchiya, K. 76346
Kimura, E. *see* Kawachi, G. 76120
Kimura, F. *see* Nakanishi, T. 58594
Kimura, G. *see* Miyasaka, T. 90030
Kimura, G. *see* Ohsato, M.H. 100339
Kimura, G. *see* Toba, A. 100334
Kimura, H., Kodaira, N. Simulation and comparison of JERS-1 and ERS-1 SAR images 67901
Kimura, H., Miyazawa, S., Horita, R., Hase, K., Watanabe, K., Hirooka, T., Nara, T. A 3.3 V 36 Mbps single-chip data channel processor with wide programmable range filter for disk drives 70772
Kimura, H. *see* Eimori, T. 92192
Kimura, H. *see* Eimori, T. 93610
Kimura, H. *see* Kamiyama, S. 55438
Kimura, H. *see* Mukai, Y. 77223
Kimura, H. *see* Ohno, Y. 49437
Kimura, H. *see* Oyabu, T. 97798
Kimura, H. *see* Sayama, H. 49414
Kimura, H. *see* Sayama, H. 61736
Kimura, H. *see* Shibata, T. 92630
Kimura, H. *see* Yao, S. 87316
Kimura, I., Sakaguchi, T., Yoshikawa, Y., Suzuki, H., Fujikawa, H., Kato, S., Enoki, R., Fujiwara, H. Prototyping of PC-videophone with built-in codec based on open architecture 65482
Kimura, I. *see* Hui Zhao 96223
Kimura, I. *see* Kanno, I. 88088
Kimura, I. *see* Kanno, I. 88150
Kimura, I. *see* Kasahara, Y. 83652
Kimura, I. *see* Kawamae, O. 80382
Kimura, I. *see* Sato, T. 97422
Kimura, I. *see* Wakayama, T. 75640
Kimura, I. *see* Zhao, H. 96245
Kimura, J. *see* Ito, N. 67446
Kimura, K. Low temperature coefficient CMOS voltage reference circuits 50081
Kimura, K. Some circuit design techniques using two cross-coupled, emitter-coupled pairs 61824
Kimura, K., Asazawa, H. Frequency mixer with a frequency doubler for integrated circuits 80192
Kimura, K. *see* Fujita, H. 62565
Kimura, K. *see* Kozono, S. 88723
Kimura, K. *see* Mizuno, A. 68936
Kimura, K. *see* Nakamura, H. 86176
Kimura, K. *see* Okamura, M. 66371
Kimura, K. *see* Suzuki, K. 88724
Kimura, K. *see* Tanaka, T. 70525
Kimura, K. *see* Wakita, H. 90670
Kimura, K.-I. Photovoltaic systems and architecture 100016
Kimura, M., Harada, A., Sako, M., Fukuda, I. Liquid crystal light valve for photo fabrication system 72485
Kimura, M., Hayasaki, J. Characteristics and simulations of the planar multi-layer spiral coil and the miniature opto-electric transformer 50673
Kimura, M., Iwamura, T., Kozono, S. Multipath propagation measurements in areas surrounded by mountains 51104
Kimura, M., Koyama, H. Stress-induced low-level leakage mechanism in ultrathin silicon dioxide films caused by neutral oxide trap generation 62318
Kimura, M., Matsudate, T. A new type of Schottky tunnel transistor 93386
Kimura, M., Nishida, K. Characterization of quartz pressure gauges by using the cluster sampling technique 53076
Kimura, M. *see* Anabuki, T. 71844
Kimura, M. *see* Ichitsubo, S. 64146
Kimura, M. *see* Kaga, A. 54012
Kimura, M. *see* Kravis, S. 53153
Kimura, M. *see* Nishihara, S. 53102
Kimura, M. *see* Ogawa, T. 71457
Kimura, M. *see* Ota, K. 53101
Kimura, M. *see* Sasaki, I. 54502
Kimura, M. *see* Sasaki, I. 90995
Kimura, M. *see* Tadai, Y. 90224
Kimura, N. *see* Funaki, T. 89204
Kimura, N. *see* Funaki, T. 99654
Kimura, N. *see* Haruyama, T. 94010
Kimura, N. *see* Kimura, A. 72259
Kimura, N. *see* Masuda, T. 78919
Kimura, N. *see* Murasawa, K. 86571
Kimura, O. *see* Suzuki, M. 78992
Kimura, R., Kawaguchi, S., Sugitani, S. Fish behavior monitoring system for trap net 67924
Kimura, S. Large vocabulary speech recognition using acoustic-segment networks 51406
Kimura, S. Formal timing verification of logic circuits 92088
Kimura, S., Wakana, H. Development of ground earth station for ETS-VI experiments 86263
Kimura, S., Wakana, H., Suzuki, Y., Fujiwara, T., Nagaoka, M. A feeder link earth station for ETS-VI 97215
Kimura, S. *see* Hisamoto, D. 55988
Kimura, S. *see* Hisamoto, D. 62844
Kimura, S. *see* Kozono, S. 88723
Kimura, S. *see* Morikawa, E. 86267
Kimura, S. *see* Murakami, E. 55724
Kimura, S. *see* Noda, H. 93372
Kimura, S. *see* Noda, H. 93395
Kimura, S. *see* Nonaka, T. 95724
Kimura, S. *see* Sato, E. 67498
Kimura, S. *see* Shibata, T. 92630
Kimura, S. *see* Shibuya, M. 68259
Kimura, S. *see* Suzuki, Y. 86258
Kimura, S. *see* Tanaka, J. 93417
Kimura, S. *see* Tanaka, M. 86256
Kimura, S. *see* Tanaka, M. 86260
Kimura, S. *see* Xinming Huang 79760
Kimura, T. Approximations for multi-server queues: system interpolations 91196
Kimura, T., Alberti, S., Danly, B.G., Temkin, R.J. Long-pulse, high-power, X-band relativistic traveling-wave tube amplifier 76639
Kimura, T., Takashima, M., Noda, K. Technique for equalizing arm lengths of optical-fiber Michelson interferometer by degree of coherence 76057
Kimura, T., Takashima, M., Sakaguchi, H., Noda, K.-I. Temperature gradient-type calorimeter using optical fiber coupler 76009
Kimura, T., Yamauchi, H., Machida, H., Kokubun, H., Yamada, M. Synthesis of novel Sr sources for metalorganic chemical vapor deposition of $SrTiO_3$ 91567
Kimura, T., Yokoi, A., Horiguchi, H., Saito, R., Ikoma, T., Sato, A. Electrochemical Er doping of porous silicon and its room-temperature luminescence at $\sim$1.54 μm 71312
Kimura, T. *see* Ichinose, T. 89751
Kimura, T. *see* Itoh, K. 58258
Kimura, T. *see* Mihashi, Y. 63606
Kimura, T. *see* Miwada, K. 66478
Kimura, T. *see* Mizuno, A. 68936
Kimura, T. *see* Nagatsuka, T. 93812
Kimura, T. *see* Naiki, I. 92196
Kimura, T. *see* Nakamura, K. 92228
Kimura, T. *see* Nakamura, K. 92237
Kimura, T. *see* Ochi, S. 54963
Kimura, T. *see* Shimizu, Y. 64135
Kimura, T. *see* Tsuchiya, M. 51660
Kimura, T. *see* Yamashita, N. 92240
Kimura, T. *see* Yamashita, N. 92289
Kimura, T. *see* Yanagimachi, A. 96799
Kimura, T. *see* Yoshikawa, K. 71834
Kimura, W. *see* Shimatsu, T. 72043
Kimura, W.D., Steinhauer, L.C., Kim, G.H., Tidwell, S.C., Pogorelsky, I., Kusche, K.P. Update on the ATF inverse Cerenkov laser acceleration experiment 76628
Kimura, W.D. *see* Fontana, J.R. 76632
Kimura, W.D. *see* Steinhauer, L.C. 76361
Kimura, Y., Aoyama, R., Suzuki, S. Multilayer resist profile control in oxygen reactive ion etching using ethanol gas mixture 81512
Kimura, Y., Haseyama, M., Kitajima, H., Shirakawa, T., Ogawa, Y. Motion compensation for image sequence coding using motion parameters with variable block size 85142
Kimura, Y. *see* Furukawa, T. 95517
Kimura, Y. *see* Greer, E.J. 94411
Kimura, Y. *see* Kishiro, J. 66800
Kimura, Y. *see* Nakagawa, K. 91477
Kimura, Y. *see* Nakazawa, M. 75509
Kimura, Y. *see* Nakazawa, M. 83016
Kimura, Y. *see* Niwano, M. 81525
Kimura, Y. *see* Shibata, A. 70102
Kimura, Y. *see* Tsujino, J. 99373
Kimura, Y. *see* Yoshida, E. 94407
Kin Chan Chun *see* Chun Kin Chan
Kin Chiu Wai *see* Wai Kin Chiu
Kin Man Lee *see* Leng Seow Tan 71715
Kin Mun Lye *see* Chun Sum Ng 73595
Kin Shing Ho, Abu-Amara, H. Fair bandwidth allocation in multiple priority DQDB networks 75052

Kin-Lu Wong, Jeen-Sheen Row Radar cross section and resonance of a rectangular microstrip patch antenna in a uniaxially anisotropic substrate-superstrate geometry 51209
Kin-Lu Wong, Jeen-Sheen Row Analysis of the rectangular microstrip patch antenna with a spaced superstrate 57224
Kin-Lu Wong, Ruenn-Bo Tsai, Jeen-Sheen Row Resonance in a cylindrical wraparound microstrip structure with superstrate 73422
Kin-Lu Wong, Shyh-Yeong Ke Characteristics of the cylindrical wraparound microstrip patch antenna 64222
Kin-Lu Wong, Wen-Shyang Chen Entire main-beam polarization property of a circularly polarized rectangular microstrip patch antenna 51240
Kin-Lu Wong, Yeong-Chin Chen Resonant frequency of a slot-coupled cylindrical-rectangular microstrip structure 73451
Kin-Lu Wong, Yuan-Tung Cheng, Jeen-Sheen Row Resonance and radiation of a superstrate-loaded cylindrical-rectangular microstrip patch antenna with an airgap 57223
Kin-Lu Wong, Yuan-Tung Cheng, Jeen-Sheen Row Analysis of a cylindrical-rectangular microstrip structure with an airgap 70826
Kin-Lu Wong *see* Hong-Twu Chen 51235
Kin-Lu Wong *see* Hong-Twu Chen 51239
Kin-Lu Wong *see* Horng-Dean Chen 57209
Kin-Lu Wong *see* Horng-Dean Chen 73495
Kin-Lu Wong *see* Horng-Dean Chen 95012
Kin-Lu Wong *see* Shyh-Yeong Ke 57256
Kin-Lu Wong *see* Wen-Shyang Chen 64221
Kin-Man Lam *see* Yuk-Hee Chan 95173
Kin-Pui Chan *see* Saito, Y. 65930
Kinai, S. *see* Matsumoto, H. 67738
Kinard, J.R., Huang, D.X., Novotny, D.B. Integrated thin-film micropotentiometers 86890
Kinard, J.R., Huang, D.X., Novotny, D.B. Performance of multilayer thin-film multijunction thermal converters 87107
Kinard, J.R. *see* De-Xiang Huang 87108
Kinard, J.R. *see* Levinson, H. 87104
Kinashi, K. *see* Niwano, M. 61335
Kinashi, K. *see* Niwano, M. 81478
Kinawy, A. *see* Morsy, G.A. 100081
Kinbara, A. *see* Saito, Y. 93696
Kincaid, B. *see* Hoyer, E. 67239
Kincaid, B. *see* Humphries, D. 63254
Kincaid, B. *see* Humphries, D. 87788
Kincaid, B. *see* Marks, S. 67240
Kincaid, B. *see* Wang, C. 67241
Kinchen, B.E. Digital microradiography and computed microtomography of NPR target particles 59243
Kindel, B. *see* Roos, H.B. 89001
Kindl, D. *see* Touskova, J. 54154
Kindt, S. *see* Kurtzke, C. 65786
Kindyak, A.S. *see* Gremenok, V.F. 49789
Kindyak, V.V. *see* Gremenok, V.F. 49789
Kinell, D. *see* Fernandez, R. 54835
King, A.G. *see* Burt, G.M. 59754
King, A.T. *see* Bernstein, J. 58741
King, B. *see* Deis, G. 87958
King, B.A. *see* Griffiths, G. 97494
King, C. *see* Botts, S. 76065
King, C. *see* Hayden, J.D. 63040
King, C. *see* Khormaei, R. 66624
King, C.A., Chapman, J.W., Ilic, M.D. Feedback linearizing excitation control on a full-scale power system model 77964
King, C.A. *see* Park, B.G. 62227
King, C.A. *see* Ross, F.M. 81305
King, C.N. *see* Pham, L.V. 87384
King, D. *see* Bucher, K. 100717
King, D. *see* Williams, A. 74954
King, D.L., Hansen, B.R., Jackson, J.K. Sandia/NIST reference cell calibration procedure 100710
King, D.L. *see* Quintana, M.A. 100719
King, E.E. *see* Di-Hui Huang 62772
King, F.D. *see* Chin, T.S. 50188
King, G. *see* Zhijian Hu 70768
King, G.A. *see* Fenn, A.J. 53450
King, H.-J. *see* Lu, S.-T. 53053
King, J., Habeck, K. Moving to COB assemblies 79358
King, J. *see* Hsing-Jen Wann 93468
King, J. *see* Jian Chen 62998
King, J. *see* Ma, Z.J. 62775
King, J. *see* Parke, S. 63038
King, J.C. *see* Ma, Z.J. 62784
King, J.P. *see* Saunders, R.A. 76233
King, J.T. *see* Bramble, J.H. 69891
King, K., Freudiger, G. Touch-proof connectors for testing applications 55457
King, L.D. *see* Welland, D.R. 93886
King, M. *see* Chang, W.H. 49887
King, M. *see* Chang, W.I. 93229
King, M. *see* Cherrick, S. 97597
King, M. *see* Lau, W.M. 93031
King, M.A., Hademenos, G.J., DeVries, D.J., Penney, B.C., Morgan, H.T., Jarkewicz, G.G. Implementation and testing of the dual photopeak window scatter correction method on a multi-headed SPECT system 59328
King, M.A. *see* Glick, S.J. 59325
King, M.A. *see* Pan, T.-S. 59295
King, M.E. *see* Baggs, R. 76791
King, M.J. *see* Painter, T.A. 82446
King, N.S.P. *see* Turko, B.T. 87055
King, N.S.P. *see* Turko, B.T. 95520
King, P.E., Ochs, T.L., Hartman, A.D. Chaotic responses in electric arc furnaces 90646
King, P.J., Burnham, K.J., James, D.J.G. An adaptive Kalman filter for on-line parameter estimation 57623
King, R. *see* Shapiro, G. 76455
King, R.A., Corso, G.M. Auditory displays: if they are so useful, why are they turned off? 99079
King, R.A., Mackenzie, R.A.D., Smith, G.D.W., Cade, N.A. Atom probe analysis and field emission studies of silicon 62050
King, R.J. *see* Yen-Wu Lo 90148
King, R.L. *see* Halpin, S.M. 89395
King, R.R., Mitchell, K.W., Walle, J.R., Aldrich, D.L., Gee, J.M., O'Neill, M., Kaminar, N., McEntee, J., Stark, P. Silicon concentrator solar cells using mass-produced, flat-plate cell fabrication technology 100631
King, R.R. *see* Cuevas, A. 100476
King, R.W. *see* Choi, H.C. 95351
King, R.W. *see* Favero, R.F. 73907
King, R.W. *see* Favero, R.F. 95353
King, R.W.P., Sandler, S.S. The electromagnetic field of a vertical electric dipole over the Earth or sea 51212
King, R.W.P. *see* Sandler, S.S. 51246
King, S. Automating programming and handling 49214
King, S.E. *see* August, R.A. 59114
King, S.E. *see* Haskins, P.S. 98613
King, S.E. *see* McKisson, J.E. 88316
King, S.E. *see* McKisson, J.E. 98727
King, S.K. *see* Viveash, J.P. 99087
King, S.S. After downsizing: overcoming client-server chaos 65267
King, S.S. Switched virtual networks: Internetworking moves beyond bridges and routers 85374
King, T.A. *see* Andrews, D.A. 83207
King, T.A. *see* Andrews, D.A. 94214
King, T.A. *see* Andrews, D.A. 94557
King, T.A. *see* Baggaley, A. 56904
King, T.A. *see* Jiaxin Wang 72722
King, T.A. *see* Wannop, N.M. 94430
King, T.A. *see* Zhi-Guo Lu 82944
King, T.J. *see* Lack, M. 93402
King, T.W., Cote, G.L., McNichols, R., Goetz, M.J., Jr. Multispectral polarimetric glucose detection using a single Pockels cell 88373
King Jao Jen *see* Jen King Jao
King Tsu-Jae *see* Tsu-Jae King
King-Hung Lee *see* Wei-Tou Ni 86822
King-Jet Tseng Saber templates for the design of inverters and motion controllers 91872
King-Tim Ko *see* Chi-Chung Cheung 85905
Kinget, P. *see* Steyaert, M. 81904
Kinghorn, A.M., Holbourn, P.E., Smith, M.J., Roulston, J.F. The Blue Vixen radar for Sea Harrier FRS.2 99394
Kingon, A. *see* Liu, M. *(editor)* 48561
Kingon, A.I. *see* Auciello, O. 54947
Kingon, A.I. *see* Auciello, O. 56166
Kingon, A.I. *see* Bellur, K.R. 56135
Kingon, A.I. *see* Chen, X. 56106
Kingon, A.I. *see* Chen, X. 93809
Kingon, A.I. *see* Dat, R. 56164
Kingsley, D. Small steps or a large stride? [PCB developments] 70983
Kingsley, P. Having these answers on A-S drives will save you time and money 78846
Kingsley, P. Electric steering drives replace hydraulic units 100900
Kingsley, S. Choices in SONET ring architecture 75409
Kingsley, S.A., Sriram, S., Boyd, J.T., Naghski, D.H., Latess, J. Photonic electrode-less passive electric field sensor 87252
Kingsley, S.A. *see* Naghski, D.H. 72417
Kingsley, S.P. *see* Bryant, E.B. 97002
Kingsley, S.P. *see* Green, S.D. 97395
Kingston, A.E. *see* Pert, G.J. 50735
Kingston, J.J. *see* Wellstood, F.C. 97906
Kingston, R., Baghzouz, Y. Power factor and harmonic compensation in industrial power systems with nonlinear loads 68073
Kingston, R., Holmberg, N., Kotek, J., Baghzouz, Y. Series capacitor placement on transmission lines with slightly distorted currents 89261
Kini, R.B. A data tree structure for a hierarchical structure processing 64265
Kinjo, H., Omatu, S., Yamamoto, T., Tamaki, S. Parameter identification of the image in frequency domain using adaptive digital filters 95874
Kinjo, S., Ochi, H., Yamada, Y. System identification utilizing adaptive filter with parallel structure 95562
Kinjo, S. *see* Ochi, H. 84194
Kinjoh, S. *see* Takahashi, H. 98732
Kinkead, D., Higley, J. Targeting gaseous contaminants in wafer fabs: fugitive amines 62361
Kinloch, D.R., Novak, W., Raby, P., Toepke, I. New developments in cadmium tungstate 88100
Kinloch, D.R., Novak, W., Raby, P., Toepke, I. New developments in cadmium tungstate 98626
Kinnear, K.E., Jr. Generality and difficulty in genetic programming: evolving a sort 54717
Kinnear, K.E., Jr. Evolving a sort: lessons in genetic programming 61116
Kinnel, T. *see* Fordham, C. 59184
Kinnersley, N.G., Kinnersley, W.M. An efficient polynomial-time algorithm for three-track gate matrix layout 91766
Kinnersley, N.G., Langston, M.A. Obstruction set isolation for the gate matrix layout problem 93544
Kinnersley, W.M. *see* Kinnersley, N.G. 91766
Kinney, S., Dennis, A. Reevaluating media richness: cues, feedback, and task 51932
Kinney, W. Signal magnitudes in high density ferroelectric memories 50160
Kinney, W. *see* Herrup, D.A. 67257
Kinney, W.I., Gealy, F.D. Memory applications of integrated ferroelectric technology 92230
Kinniburgh, M. *see* Stevens, K.S. 70008
Kinnison, V.L. *see* Vezina, J. 52011
Kinnison, W.W. *see* Adam, A. 88087
Kinnison, W.W. *see* Adam, A. 88102
Kinnison, W.W. *see* Adriani, O. 88023
Kinnison, W.W. *see* Ambrosi, G. 53302
Kinnison, W.W. *see* Battiston, R. 53350
Kinnunen, J. Higher integrability with weights 91369
Kino, G.S. *see* Chang, F.C. 87521
Kino, G.S. *see* Terris, B.D. 72296
Kino, T. *see* Mizuno, K. 81684
Kinomura, A., Horino, Y., Mokuno, Y., Chayahara, A., Kiuchi, M., Fujii, K., Takai, M., Lohner, T., Ryssel, H., Schork, R. Observation of local SIMOX layers by microprobe RBS 49832
Kinomura, A. *see* Takai, M. 49894
Kinoshita, A. *see* Ishigaki, Y. 71826
Kinoshita, C. *see* Shiiyama, K. 76146
Kinoshita, H., Dim-Lee Kwong Physical model for the diffusion of ion implanted boron and BF_2 during rapid thermal annealing 62412
Kinoshita, H. *see* Huang, T.H. 81457
Kinoshita, H. *see* Mruetusatorn, S. 84852
Kinoshita, H. *see* Okuno, A. 92795
Kinoshita, J. Modeling of high-speed DFB lasers considering the spatial holeburning effect using three rate equations 63832
Kinoshita, J., Nakanishi, M., Yoshihiro, K., Endo, T. Monitoring the 1 Ω standard resistor by quantum Hall effect 86928
Kinoshita, J. *see* Fukushima, A. 86888
Kinoshita, J. *see* Karouni, M.A. 86916
Kinoshita, J. *see* Nagashima, N. 86839
Kinoshita, J. *see* Sakamoto, Y. 86917
Kinoshita, K. Design for testability of sequential circuits 70449
Kinoshita, K. Multimedia LAN services 96624
Kinoshita, K., Nakamura, T. Technical refinements broaden uses, prospects for color VFDs 98201
Kinoshita, K., Wakahara, T., Haruta, K., Kumon, S. Service aspects of future private networks 52154
Kinoshita, K. *see* Chen, C.-X. 64918
Kinoshita, K. *see* Itazaki, N. 70349
Kinoshita, K. *see* Kajihara, S. 49387
Kinoshita, K. *see* Komatsu, M. 65008
Kinoshita, K. *see* Komatsu, M. 96241
Kinoshita, K. *see* Takahashi, A. 76090
Kinoshita, M., Suzuki, H., Yakabe, T., Yabe, H. Variance distribution of reflection coefficients in six-port reflectometer 87459
Kinoshita, M. *see* Saito, M. 53519
Kinoshita, M. *see* Takahashi, M. 48969
Kinoshita, M. *see* Tanaka, S. 59617
Kinoshita, N., Sampei, S., Moriyama, E., Sasaoka, H., Kamio, Y., Hiramatsu, K., Miya, K., Inogai, K., Homma, K. Field experiments on 16 QAM/TDMA and trellis coded 16 QAM/TDMA systems for digital land mobile radio communications 86155
Kinoshita, N. *see* Nanri, K. 53253
Kinoshita, S. *see* Miyazaki, O. 72120
Kinoshita, S. *see* Suyama, M. 63700
Kinoshita, T. Diffraction of electromagnetic waves from a line source by a conducting strip 64124
Kinoshita, T. Improved determination of fine structure constant based on the electron g-2 and muonium hyperfine structure 86979
Kinoshita, T., Horinouchi, S., Sasaki, K., Okamoto, H., Tanaka, N. Second harmonic generation in 450 nm region by 2-furyl methacrylic anhydride crystal 73121
Kinoshita, T., Sugawara, K., Shiratori, N. Knowledge-based requirements specification and definition method for computer communication system design 65152
Kinoshita, T., Tsuchiya, K., Sasaki, K., Yokoh, Y., Ashitaka, H., Ogata, N. Cerenkov radiation of second harmonic wave by poled polymer planar waveguide of pNAn-PVA 73120
Kinoshita, T. *see* Ikunishi, S. 63453
Kinoshita, Y. *see* Imai, K. 71828
Kinoshita, Y. *see* Kouno, H. 70709
Kinoshita, Y. *see* Miki, T. 49507
Kinoshita, Y. *see* Padmanaban, M. 81618
Kinoshita, Y. *see* Spiess, W. 81620
Kinoshito, K., Nakajima, A., Wakao, M., McLaughlin, M.J. Personal digital cellular telecommunication system 86130

Kinpara, Y., Doki, S., Sangwongwanich, S., Okuma, S. The slip frequency type vector control equivalent to the flux feedback type vector control using the flux observer 60222
Kinross-Wright, J. *see* Stringfield, R.M. 71045
Kinross-Wright, J.M. *see* Nguyen, D.C. 83193
Kinross-Wright, J.M. *see* Sheffield, R.L. 76385
Kinsella, M.E. *see* Blasingame, J.M. 54343
Kinser, J.M. *see* Brasher, J.D. 51675
Kinsey, J.L. *see* Stevens, R.E. 83222
Kinsho, K. *see* Grace, J.W. 97780
Kinsho, M., Mori, Y. A dual optically pumped polarized negative deuterium ion source 53262
Kinsho, M. *see* Mori, Y. 76731
Kinsman, B.E. *see* Hewak, D.W. 56726
Kinsman, R.G. *see* Dworsky, L. 50155
Kintner, J.C. *see* Osborne, J.H. 59212
Kintzer, E.S. *see* Adams, L.E. 97228
Kintzer, E.S. *see* Livas, J.C. 50491
Kintzer, E.S. *see* Livas, J.E. 63743
Kinugasa, T., Ohtsubo, H., Koshio, K., Imaide, T., Nonaka, S.-I. A flexible scanning system for multi-format video cameras 86787
Kinugawa, M., Kakumu, M. Cell technology directions for advanced MPUs and other memory-embedded logic devices 92189
Kinugawa, M. *see* Matsuoka, F. 50006
Kinugawa, M. *see* Oyamatsu, H. 70407
Kinugawa, S. *see* Saburi, Y. 52747
Kinugawa, Y., Sato, K., Okada, M., Hara, S., Morinaga, N. Frequency and time division multiple access with demand-assignment using multicarrier modulation for indoor wireless communications systems 52390
Kinzel, C. Pedestrian recognition by modelling their shapes and movements 84888
Kinzer, D., Weizuo Zhang Device technology for silicon-based power electronic switches 80102
Kinzer, D. *see* Ajit, J.S. 55120
Kinzer, D. *see* Blake, C. 61520
Kinzer, R.L. *see* Kroeger, R.A. 88035
Kioka, T. *see* Watanabe, H. 81177
Kiolkowski, M. *see* Tarczynski, W. 90214
Kiourkos, S., Biagi, S.F., Bowcock, T.J.V., Jones, T.J., Jackson, J.N. Comparison of experimental measurements and electrostatic simulations of keystone geometry microstrip gas chambers 88011
Kip, D., Bartholomaus, T., Garcia, P.M., Kratzig, E. Anisotropic two- and four-wave mixing in planar $LiTaO_3$:Ti:Fe optical waveguides 82651
Kip, R.K.K., Lam, W.C.Y., Tam, P.K.S., Leung, D.N.K. A Hough transform technique for the detection of rotational symmetry 84834
Kipfer, P. *see* Schwider, J. 50543
Kipling, A.L. *see* Ferrante, F. 97879
Kipnis, I., Spieler, H., Collins, T. An analog front-end bipolar-transistor integrated circuit for the SDC silicon tracker 88250
Kipnis, I., Spieler, H., Collins, T. A bipolar analog front-end integrated circuit for the SDC silicon tracker 98686
Kipnis, I. *see* Ludewigt, B. 88063
Kipnis, I. *see* Ludewigt, B. 98621
Kipnis, I. *see* Moses, W.W. 88415
Kipnis, I. *see* Unno, Y. 98558
Kipnis, S. Analysis of asynchronous binary arbitration on digital transmission-line busses 51742
Kipnis, S. *see* Bar-Noy, A. 64969
Kipp, R., Greenwood, D. DSP-based magnetic bearing control 70669
Kipp, R.A., Chan, C.H. A numerically efficient technique for the method of moments solution for planar periodic structures in layered media 57041
Kipp, R.A., Chan, C.H. Complex image method for sources in bounded regions of multilayer structures 64200
Kipp, R.A. *see* Chan, C.H. 73424
Kippelen, B. *see* Meerholz, K. 94040
Kipper, A., Schempp, A., Deitinghoff, H., Madlung, J., Ludwig, T., Volk, K., Engels, O., Firjahn-Andersch, A., Vormann, H. Experiments with the high current RFQ prototype for GSI 76527
Kipshizde, G.D. *see* Drozdov, S.V. 49804
Kira, H. *see* Kikuchi, N. 75148
Kira, T. *see* Komoda, K. 52743
Kira, T. *see* Komoda, T. 72121
Kira, T. *see* Minakata, R. 72152
Kira, T. *see* Nakai, K. 50342
Kirakosyants, V.E., Loginnov, V.A. Confidence of recognizing objects observed through a turbulent atmosphere 51555
Kirakosyants, V.E., Loginov, V.A. Effect of nonidentity of the channels on the characteristics of multichannel transmission systems with phase conjugation 52470
Kirakosyants, V.E., Loginov, V.A. Estimating the efficiency of an adaptive radiation-focusing system when the radiator is partly coherent 52647
Kirakosyants, V.E. *see* Bakut, P.A. 50910
Kiraly, L. *see* Chokhawala, R. 49158
Kiran, A.S., Kaplan, C., Unal, A.T. Simulation of electronics manufacturing and assembly operations: a survey 69552
Kirani, S. *see* Mojdehrakhsh, R. 53458
Kiranon, W. *see* Kumprasert, N. 73504
Kirbie, H.C. *see* Newton, M.A. 66806
Kirby, D.G., Feige, F., Wustenhagen, U. ISO/MPEG subjective tests on multichannel audio coding systems: practical realisation and test results 96869
Kirby, D.G., Marks, M.R. Maintaining audio and video synchronisation in television 97617
Kirby, D.H. A systems integrators perspective of vehicle systems architectures 67945
Kirby, G. *see* Lindner, D.K. 90331
Kirby, G.A. *see* Ostojic, R. 82425
Kirby, J.R., Pitts, D. Resource recovery strategies for end-of-life business machines 90897
Kirby, J.R., Wadehra, I. Designing business machines for disassembly and recycling 54454
Kirby, J.R. *see* Brinkley, A. 79364
Kirby, J.R. *see* Ching, S. 54441
Kirby, R.E., Collet, G.J., Skarpaas, K. An in-situ photocathode loading system for the SLC Polarized Electron Gun 71023
Kirby, R.E. *see* Clendenin, J.E. 76743
Kirby, R.E. *see* Tang, H. 71025
Kirby, R.H. Questions on visible signaling for the hearing impaired 60880
Kirch, U. *see* Schwille, W.J. 76785
Kircher, F. *see* Orrell, D. 87680
Kircher, J., Marlow, S.A., Bastow, M. Laser scophony infrared scene project 77797
Kircheva, P.P. *see* Angelow, A.K. 56885
Kirchgessner, J., Barnes, P., Bartelson, L., Champion, M., Crawford, C., Edwards, H., Graber, J., Koepke, K., Kuchnir, M., Matheisen, A., Metzger, D., Moffat, D., Muller, H., Padamsee, H., Pekeler, M., Pfeffer, H., Schmuser, P., Sears, J., Tigner, M. Status and outlook for high power processing of 1.3 GHz TESLA multicell cavities 67104
Kirchgessner, J., Barnes, P., Hartung, W., Hiller, M., Moffat, D., Padamsee, H., Rubin, D., Saraniti, D., Sears, J., Shu, Q.S., Tigner, M. 20 MV/m accelerating gradient with heat treatment of a six cell, 1.5 GHz cavity for TESLA 67105
Kirchgessner, J. *see* Akai, K. 67058
Kirchgessner, J. *see* Camilleri, N. 82052
Kirchgessner, J. *see* Camilleri, N. 93675
Kirchgessner, J. *see* Graber, J. 67093
Kirchgessner, J. *see* Graber, J. 67094
Kirchgessner, J. *see* Graber, J. 67095
Kirchgessner, J. *see* Hartung, W. 87731
Kirchgessner, J. *see* Moffat, D. 67056
Kirchgessner, J. *see* Moffat, D. 67120
Kirchgessner, J. *see* Muller, H. 76717
Kirchgessner, J. *see* Nordberg, E. 66815
Kirchgessner, J. *see* Varker, C.J. 62692
Kirchman, J. *see* Chung, Y. 76475
Kirchmayr, H. Physical measurement methods for the characterisation of superconductors 82346
Kirchmayr, H. *see* Kovac, P. 82337
Kirchmayr, H.R. *see* Handstein, A. 50199
Kirchner, D. *see* Davis, J.A. 86907
Kirchner, R., Lux-Steiner, M.C., Liebemann, E., Bucher, E. Computations of the optical properties of metal/insulator-multilayers for solar thermal applications 90460
Kirchoefer, S.W. *see* Micheel, L.J. 55244
Kireichikov, V.A. Detectability of changes in the properties of dynamic systems of two types 91126
Kireiko, V.V. *see* Buravlyov, A.V. 54874
Kirek, L.S., Woodman, M.J. Upgrade of a paper mill power distribution system 79060
Kir'enin, I.A. *see* Baev, V.P. 93974
Kir'enin, I.A. *see* Berezin, G.L. 72247
Kiriakidis, G. Refractory metallizations on GaAs FET's 62872
Kirichenko, D.E. *see* Erokhin, A.A. 87016
Kirichenko, G.P. *see* Antipov, V.V. 53863
Kirichenko, G.S. *see* Katyukha, V.P. 53256
Kirichenko, O.V., Kulchin, Y.N., Vitrik, O.B., Petrov, Y.S. Fiber-optic sensors for vibration registration by means of interferometry and speckle-interferometry methods 87216
Kirichenko, O.V. *see* Kulchin, Y.N. 52909
Kirichenko, O.V. *see* Kulchin, Y.N. 72546
Kiriczi, S., Schnieder, E. Possibilities of failure detection and identification (FDI) in a train localization system 54572
Kirienin, I.A. *see* Lin, L.Z. 94024
Kirienin, I.A. *see* Yan, L.G. 90456
Kiriha, Y., Nakai, S., Sakauchi, H., Fuji, H., Okazaki, H. Concurrent network management system using distributed processing techniques 74854
Kirihara, T., Ogawa, M., Inoue, H., Ishida, K. Lossless and low crosstalk 4×4 optical switch array 75169
Kirihata, H. *see* Shigekane, H. 55850
Kirilenko, A.A., Rud, L.A., Senkevich, S.L. Spectral approach to the synthesis of bandstop filters 70842
Kirilenko, A.A., Senkevich, S.L., Tkachenko, V.I., Tysik, B.G. Waveguide diplexer and multiplexer design 70843
Kirilenko, V.I. *see* Gerasimov, Yu.V. 63642
Kirillov, A.A., Gorchakov, V.V., Nikitin, V.M., Kupchan, Ya.M. AC electric drives for mechatronic metal-cutting units and other equipment 69253
Kirillov, A.B. *see* Alekseev, A.A. 84339
Kirillov, V.V., Kopeikin, V.N., Shtennikov, Yu.V. Multimode LF and MF propagation in Earth-ionosphere waveguide 57110
Kirillovsky, V.K. New approach of the image structure analyzing and the evaluations of optical system quality 50567
Kirimoto, T., Harasawa, Y., Shimada, A. A multiple sidelobe canceller switching over auxiliary antennas arranged in triangular order 64238
Kirimoto, T., Yoshimasa Oh-Hashi Orthogonal periodic sequences derived from M-sequences on GF(q) 73707
Kirimoto, T. *see* Harasawa, Y. 64211
Kirimura, H., Maeda, H., Murakami, H., Nakahigashi, T., Ohtani, S., Tabata, T., Hayashi, T., Kobayashi, M., Mitsuda, Y., Nakamura, N., Kuwahara, H., Doi, A. Study of deposition process in modulated RF silane plasma 79946
Kirino, F. *see* Maeda, T. 50607
Kirita, H. *see* Nakanishi, T. 76214
Kiriyama, T. *see* Ohkawa, K. 96428
Kirk, A.G., Tabata, T., Ishikawa, M. Programmable diffractive optical interconnections for cellular processing applications 73132
Kirk, D.B., Barr, A.H. Implementing rotation matrix constraints in analog VLSI 56063
Kirk, E.C.G., Blamire, M.G. Electronic transport processes and the transition from double to single barrier tunnel junctions 63295
Kirk, G. *see* Bousse, L. 98738
Kirk, H.G. *see* Gallardo, J.C. 87812
Kirk, H.G. *see* Lehrman, I.S. 71022
Kirk, H.R., Radzimski, Z., Buczkowski, A., Rozgonyi, C.A. Low temperature identification of interfacial and bulk defects in Al/SiO_2/Si capacitor structures by electron beam induced current 62324
Kirk, J., Shipley, C., MacMullen, S., Wright, V. Precision terrain height measurement sensor 65915
Kirk, J.P. Scattered light in photolithographic lenses 71504
Kirk, R., Abbotson, M., Abbotson, R., Hunt, A., Cleaton, A. Computer music in the service of music therapy: the MIDIGRID and MIDICREATOR systems 53441
Kirk, R. *see* Flaherty, E. 62371
Kirkendall, C.K., Bucholtz, F. Selfaligning demodulator for remotely operated fibre optic magnetic sensor system 66387
Kirker, R. *see* Anandan, M. 52989
Kirkham, H. *see* Liu, D.T.H. 66408
Kirkish, S. *see* Stolpe, D.J. 60980
Kirkland, A.I. *see* Morgan, C.J. 81136
Kirkland, J. Technology audit from ivory tower to brass tacks 90708
Kirkman, G., Bing Jiang, Reinhardt, N. A high brightness electron beam produced by a ferroelectric cathode 62068
Kirkman, G. *see* Hsu, T.-Y. 76725
Kirkman, G. *see* Jiang, B. 71032
Kirkman, G. *see* Liou, R. 71054
Kirkman, G. *see* Yampolsky, I. 67183
Kirkpatrick, D.A., Sangiovanni-Vincentelli, A.L. Techniques for crosstalk avoidance in the physical design of high-performance digital systems 91842
Kirkpatrick, K.S., Mason, T.O., Balachandran, U., Poeppel, R.B. Impedance spectroscopy study of sintering in Bi-doped ZnO 70170
Kirkpatrick, R.I. Solutions for the printing and handling of co-fired ceramic materials in volume production 81048
Kirkpatrick, S.M. *see* Dennis, W.M. 94636
Kirlin, P.S. *see* Van Buskirk, P.C. 54949
Kirlin, R.L., Brugel, H., Cui Ying, Groutage, D.F. Maximum likelihood real part of coherence between two noisy sensor outputs with zero-delay signal inputs 74091
Kirlin, R.L., Hedstrom, B.A. A computer-oriented random processes course for a mix of graduates and undergraduates 69410
Kirlin, R.L., Kwok, S., Legowski, S., Trzynadlowski, A.M. Power spectra of a PWM inverter with randomized pulse position 100216
Kirlin, R.L. *see* Caughey, D.A. 99235
Kirlin, R.L. *see* Du, W. 88744
Kirlin, R.L. *see* Lu, W.-S. 80446
Kirlin, R.L. *see* Trzynadlowski, A.M. 68780
Kirlin, R.L. *see* Trzynadlowski, A.M. 90203
Kirlin, R.L. *see* Trzynadlowski, A.M. 90529
Kirman, L. Water requirements for clean PCBs 92759
Kirmasov, V.I., Tikhonovskiy, I.E. Super-resolution estimate of the nonstationary scattering characteristics of radar targets 58447
Kirmse, K.H.R., Wendt, A.E., Oehrlein, G.S., Ying Zhang Fluorocarbon high density plasmas. VIII. Study of the ion flux composition at the substrate in electron cyclotron resonance etching processes using fluorocarbon gases 93207
Kirmse, R. *see* Austregesilo, H. 99864
Kirousis, L.M., Spirakis, P., Tsigas, P. Reading many variables in one atomic operation: solutions with linear or sublinear complexity 65047
Kirov, A. *see* Mikhovski, M. 55013
Kirpichnikov, G.A., Tarasovskii, A.N. Interaction of an accelerated annular beam with harmonics of a wave 76286
Kirpichnikov, I.V. *see* Avignone, F.T. 67288

Kirpotin, A.N. *see* Aksenov, G.A. 52770
Kirsch, H. *see* Sharma, U. 70505
Kirsch, H.C. *see* Hayden, J.D. 63040
Kirsch, H.C. *see* Hayden, J.D. 92198
Kirsch, H.C. *see* Roth, S.S. 71388
Kirsch, H.C. *see* Taft, R.C. 62965
Kirsch, J.C., Bagley, H., Sloan, J.A. Dual channel solid block optical correlator 50596
Kirsch, J.C. *see* Friday, W.A. 53569
Kirschbaum, C.F. *see* Colombo, E. 51628
Kirschen, D.S. *see* Krost, G. 99562
Kirschman, R.K., Lipa, J.A. Further evaluation of GaAs FETs for cryogenic readout 66317
Kirschner, I. Thermodynamic stability of the operation of sensors 66209
Kirschner, I., Leppavuori, S., Porjesz, T., Uusimaki, A., Kokkomaki, T. Detection of magnetic field by microwave properties of high-T_c superconductors 58688
Kirschner, I., Zsolt, G., Karman, T., Porjesz, T., Leppavuori, S., Uusimaki, A., Lukacs, P. High-T_c superconducting magnets based on thick film arrangements 56280
Kirschner, J. *see* Ichinokawa, T. 71198
Kirschner, M., Janota, R. The programmable decimating filter 61813
Kirstaedter, N., Ledentsov, N.N., Grundmann, M., Bimberg, D., Ustinov, V.M., Ruvimov, S.S., Maximov, M.V., Kop'ev, P.S., Alferov, Zh.I., Richter, U., Werner, P., Gosele, U., Heydenreich, J. Low threshold, large T_0 injection laser emission from (InGa)As quantum dots 83054
Kirstein, P.T. Multimedia conferencing systems for the research community 85917
Kirstein, P.T. *see* Handley, M.J. 52238
Kirtania, A.K., Das, M.B., Chandrasekhar, S., Lunardi, L.M., Hamm, R.A., Yang, L.W. A comparison of low-frequency noise characteristics of silicon homojunction and III-V heterojunction bipolar transistors 55927
Kirtley, J.L., Smith, J.L., Jr., Umans, S.D., Hagman, W.H. Ten MVA air-gap armature winding: thermal, structural and dielectric results 78584
Kirtley, J.L., Jr. On turbine-generator rotor equivalent circuits 60183
Kirtley, J.L., Jr. *see* Leeb, S.B. 89405
Kirtley, J.L., Jr. *see* Tucci, C.L. 68632
Kirtzel, H.J. *see* Peters, G. 88777
Kir'yanov, A.V. *see* Ilichev, N.N. 82964
Kir'yanov, A.V. *see* Il'ichev, N.N. 82965
Kir'yanov, A.V. *see* Il'ichev, N.N. 94585
Kiryati, N. On length estimators, distance transformations and digital lines in three dimensions 84863
Kiryati, N., Kubler, O. Link probabilities in chain encoded 3-D digital lines 84864
Kiryati, N. *see* Yla-Jaaski, A. 84739
Kiryu, H. *see* Fujiwara, H. 79846
Kiryu, S. *see* Shoji, A. 63314
Kiryu, T., Kaneko, H., Saitoh, Y. Motion artifact elimination using fuzzy rule based adaptive nonlinear filter 67597
Kiryu, T., Satoh, H., Saitoh, Y. Multivariate analysis at switching points between different types of muscle contractions 88483
Kiryu, T. *see* Hori, J. 67458
Kiryusha, A.M. *see* Kazandzhan, N.N. 61945
Kiryushin, A.A., Rassvetalova, L.A., Ushakov, A.V. Modal-control synthesis of binary dynamic systems in linear flip-flop logic 70360
Kiryushin, A.A. *see* Nechiporenko, I.N. 94757
Kiryushin, A.I. *see* Kochetkov, L.A. 89538
Kirzon-Zolin, V.V. *see* Martin, J.F. 88359
Kis, L.-R. *see* Fasold, D. 57303
Kisacanin, B., Schonfeld, D. A fast thresholded linear convolution representation of morphological operations 74332
Kischefsky, J.A., Down, D.A., Flinn, D.G. Distributed intelligence on distribution SCADA systems 78107
Kisdi-Koszo, E. *see* Lovas, A. 72045
Kisdi-Koszo, E. *see* Vertesy, Z. 63187
Kise, K. *see* Marumoto, K. 81603
Kise, W., Sekitani, K. A recursive algorithm for finding the minimum norm point in an unbounded polyhedron 91244
Kiseida, A. *see* Koh, M. 71682
Kisel, D. *see* Kolesar, J. 79009
Kisel, D. *see* Kolesar, J. 100937
Kisel, I., Ososkov, G. An application of cellular automata and neural networks for track reconstruction in high energy physics 88211
Kisel, I.V. *see* Baranov, V.A. 76849
Kisel, N.N. *see* Fedorenko, A.I. 83587
Kisel, V.A. Optimal linear filtering-correction of steady signals using generalized integral criteria 84206
Kiselev, A. *see* Babin, A. 73150
Kiselev, A.V. *see* Anisimov, V.A. 69084
Kiselev, A.V. *see* Gornov, A.O. 60201
Kiselev, B.S. *see* Shkitin, V.A. 50587
Kiselev, E.A. *see* Afanas'ev, L.A. 73087
Kiselev, N.A. *see* Wu Xuehua 70025
Kiselev, O.N., Kovalev, V.N. An estimate of the hourly mean values of the attenuation factor in the long-distance tropospheric propagation zone 57113
Kiselev, R.V., Kovalev, O.V. Structural synthesis of the reflex-type active phase manipulators 49206
Kiselev, V.A. *see* Anashin, V.V. 76538
Kiselev, V.Ya., Maslov, A.A., Shiplyuk, A.N. Aerodynamic characteristics of a delta wing in hypersonic flow 99043
Kiseleva, N.O. *see* Malafeev, S.I. 90560
Kiselyov, O., Fisher, P. Self-similarity of the multiresolutional image/video decomposition: smart expansion as compression of still and moving pictures 57904
Kisenchand Ranai, Koon Seng Lim, Deng, R.H. Simulating a multimedia FDDI backbone network 65251
Kiseon Kim Analog-to-digital conversion and harmonics due to the angular positioning error in magnetic field measurement 98271
Kiseon Kim *see* Jeong-A Lee 97003
Kish, D.J., Heydt, G.T. A generalization of the concept of impedance and a novel Walsh domain immittance 68206
Kish, F.A., DeFevere, D.A., Vanderwater, D.A., Trott, G.R., Weiss, R.J., Major, J.S., Jr. High luminous flux semiconductor wafer-bonded AlGaInP/GaP large-area emitters 94290
Kish, F.A., Steranka, F.M., DeFevere, D.C., Vanderwater, D.A., Park, K.G., Kuo, C.P., Osentowski, T.D., Peanasky, M.J., Yu, J.G., Fletcher, R.M., Steigerwald, D.A., Craford, M.G., Robbins, V.M. Very high-efficiency semiconductor wafer-bonded transparent-substrate $(Al_xGa_{1-x})_{0.5}In_{0.5}P$/GaP light-emitting diodes 56567
Kishcha, P.V. *see* Zhulina, E.M. 64140
Kishi, A. *see* Yamagata, Y. 78674
Kishi, G. *see* Hayashi, S. 65483
Kishi, H. *see* Okino, Y. 93722
Kishi, K., Hatsukawa, S., Yatsuka, K., Fukui, T. Development of diagnostic techniques for XLPE cable lines 99709
Kishi, K. *see* Suzuki, T. 89283
Kishi, T., Konosu, K. Unification of multi-point methods for precision surface measurement 87508
Kishi, T. *see* Ohara, Y. 61442
Kishida, A. *see* Grace, J.W. 97780
Kishida, A. *see* Koh, M. 91110
Kishida, A. *see* Matsukawa, T. 61711
Kishida, S. *see* Haba, B. 70134
Kishida, S. *see* Haba, B. 90956
Kishida, S. *see* Morishige, Y. 91606
Kishida, S. *see* Shinzawa, T. 71436
Kishigami, J. *see* Kotani, N. 86763
Kishigami, J. *see* Ohkubo, T. 50371
Kishigami, J.I. *see* Kojima, A. 84990
Kishigami, T. *see* Takeda, M. 50643
Kishimoto, A. *see* Tamba, N. 92241
Kishimoto, K. *see* Azumai, Y. 83259
Kishimoto, K. *see* Ikeda, Y. 61397
Kishimoto, K. *see* Kamishima, Y. 65493
Kishimoto, K. *see* Miki, T. 81265
Kishimoto, M. *see* Sakasai, K. 58739
Kishimoto, R. *see* Irie, K. 58581
Kishimoto, R. *see* Irie, K. 66041
Kishimoto, R. *see* Minato, K. 96622
Kishimoto, S. *see* Kono, K. 87555
Kishimoto, T., Harada, A. Two-phase thermosyphon cooling for high-power multichip modules 81096
Kishimoto, T., Kodaira, M., Awaji, N., Mukugi, K., Araki, M., Kijima, Y., Haraguchi, M. Performance of upgraded SORTEC 1-GeV 500 mA SR source facility 67215
Kishimoto, T., Yamamoto, A., Miyake, T., Moriwaki, T., Sugimura, N. Conversion of power density distribution with kaleidoscope in laser processing-evaluation of power density distribution by new knife edge method 50981
Kishimoto, T. *see* Harada, A. 65538
Kishimoto, T. *see* Kamae, T. 74812
Kishimoto, T. *see* Kaneko, Y. 65537
Kishimoto, T. *see* Kodaira, M. 67214
Kishimoto, T. *see* Matsuo, H. 100883
Kishimoto, T. *see* Oikawa, M. 72404
Kishimoto, T. *see* Sasaki, S. 92670
Kishimoto, Y. Thin-film electrode based on TCNQ complex and immobilized enzyme for a glucose sensor 98127
Kishimura, S. *see* Eimori, T. 92192
Kishinevsky, M. *see* Kondratyev, A. 92097
Kishinevsky, M. *see* Lavagno, L. 92012
Kishinevsky, M. *see* Nielsen, C.D. 92099
Kishino, F., Ohya, J., Takemura, H., Terashima, N. Virtual space teleconferencing system—real time detection and reproduction of 3-D human images 65461
Kishino, F. *see* Jiang Yu Zheng 95867
Kishino, F. *see* Morii, K. 65462
Kishino, F. *see* Ohya, J. 84694
Kishino, F. *see* Takemura, H. 96836
Kishino, F. *see* Tetsutani, N. 52986
Kishino, F. *see* Tomono, A. 76118
Kishino, S. *see* Matsuda, T. 93074
Kishino Katsumi *see* Katsumi Kishino
Kishio, S. *see* Asada, M. 59921
Kishiro, J., Ebihara, K., Hiramatsu, S., Kimura, Y., Ozaki, T., Takayama, K., Whittum, D.H., Saito, K. An induction linac and pulse power system at KEK 66800
Kishk, A.A., Antar, Y.M.M. Forward and backscattering by targets with plane or axis of symmetry 83610
Kishk, A.A., Goggans, P.M. Electromagnetic scattering from two-dimensional composite objects 51065
Kishk, A.A., Gordon, R.K. Electromagnetic scattering from conducting bodies of revolution coated with thin magnetic materials 86541
Kishk, A.A., Zhou, G., Glisson, A.W. Analysis of dielectric-resonator antennas with emphasis on hemispherical structures 51237
Kishk, A.A. *see* Goggans, P.M. 73309
Kishk, A.A. *see* Huang, W. 83805
Kishk, A.A. *see* Junker, G.P. 73491
Kishore, K.R. *see* Pham, D. 92287
Kishore, P., Kumar, T.R.V., Rao, D.N. Simultaneous measurements of echopower and refractive index gradient using MST radar and radiosonde observations 77404
Kishore, P., Rao, D.N., Viswanathan, G. Vertical wind measurements using Indian MST radar 77393
Kishore, P. *see* Rao, D.N. 77392
Kishpaugh, J.L. *see* Burnett, C.G. 68352
Kisil, A.V., Kovalenko, A.V., Kurashov, V.N. Diffraction efficiency optimization of Bragg deflectors with phased acoustic arrays 63504
Kisil, A.V. *see* Chumakov, A.G. 64618
Kisilewiczc, J. Inverse polynomial matrix approximation 48845
Kisin, M.V. *see* Kisin, V.V. 70130
Kisin, V.V., Voroshilov, S.A., Kisin, M.V., Anoshkin, A.V., Finkel'shtein, S.Kh. Effect of target temperature on stability of the reactive sputtering process 70130
Kisker, D.W. *see* Pezeshki, B. 72831
Kisker, D.W. *see* Pezeshki, B. 94145
Kisker, D.W. *see* Pezeshki, B. 97345
Kislenko, V.I., Onoprich, V.P., Salan, A.V., Pashkov, N.I. Designing low-power quadripole asynchronous motors of end-face construction 90002
Kislenko, V.I. *see* Voitekh, A.A. 90001
Kislov, A.V. *see* Kal'yanov, E.V. 80173
Kislov, V.I. *see* Apollonov, V.V. 72765
Kislov, V.V. *see* Chernavskiy, D.S. 92985
Kislov, V.Ya. Dynamical chaos and its use in electronics for the generation, reception, and processing of oscillations and information (a review) 83702
Kislovski, A.S. On the role of physical insight in small signal analysis of switching power converters 55141
Kislyakov, A.E., Kryzhanovskiy, I.B., Polukhin, G.A. A stripline turnstile radiator 83836
Kislyakov, H.S. *see* Akindinov, V.V. 83646
Kislyuk, V.V. *see* Bobrenko, Yu.N. 69010
Kisoo Hwang *see* Hyunsik Jang 70455
Kiss, C., Nemeth, G., Csillag, P., Boroczky, L. Texture analysis based on wavelet decomposition 74287
Kiss, L., Krafcsik, I., Farkas, L. Computer simulation to calculate current distributions and emittance patterns of ion beams for synthesis of electric lenses 51039
Kiss, L. *see* Sevenhans, J. 97137
Kiss, L.B., Svedlindh, P., Larsson, T., Lundgren, L., Ohlsen, H., Selinder, T., Helmersson, U. Spontaneous conductance fluctuations and percolation in $YBa_2Cu_3O_7$ thin films 56235
Kiss, Z. *see* Delahoy, A.E. 90438
Kissel, J.E., Jr. *see* Gawler, R.A. 99615
Kissin, V.A. *see* Farberov, V.G. 99800
Kissinger, G., Grimmeiss, H.G. Difficulties in doping SiGe alloys with transition metal point defects 93148
Kissinger, G., Schley, P., Barth, R., Morgenstern, G., Knoll, D., Ehwald, K.-E., Richter, H. Correlation of device parameters with crystal defects observed after anisotropic etching 81845
Kission, P., Hong Ding, Jerraya, A.A. Structured design methodology for high-level design 93527
Kistenev, E. *see* Benary, O. 53327
Kistenev, E. *see* Benary, O. 98517
Kistenev, E. *see* Benary, O. 98640
Kistenmacher, T.J. *see* Bryden, W.A. 54878
Kistenmacher, T.J. *see* Bryden, W.A. 70075
Kistenmacher, T.J. *see* Wickenden, A.E. 61275
Kistenmacher, T.J. *see* Wickenden, D.K. 61280
Kisters, T. *see* Riehle, F. 86874
Kistler, N., Woo, J. Detailed characterization and analysis of the breakdown voltage in fully depleted SOI n-MOSFET's 71657
Kistler, N., Woo, J. Symmetric CMOS in fully-depleted silicon-on-insulator using P^+-polycrystalline SiGe gate electrodes 93627
Kistler, N. *see* Wang, J. 50010
Kistler, N.A. *see* Ver Ploeg, E.P. 62829
Kistler, R.C. *see* Adar, R. 63427
Kistler, R.C. *see* Lee, K.F. 62856
Kistler, R.C. *see* Manchanda, L. 93617
Kistner, H. *see* Braun, E. 100885
Kistner, W. SPC with small batch sizes 69587
Kisworo, M., Venkatesh, S., West, G. Modeling edges at subpixel accuracy using the local energy approach 51597
Kit Po Wong Artificial intelligence and neural network applications in power systems 59732

Kit Po Wong, Bei Fan, Che San Chang, Ah Choy Liew Multi-objective generation dispatch using bi-criterion global optimisation 59824

Kit Po Wong, Buon Sing Lau, Fry, A. Modelling generator input-output characteristics with valve-point loading using neural networks 60035

Kit Po Wong, Khanh Doan Explanation-based generalisation method for learning network fault diagnosis rules 59926

Kit Po Wong, Yin Wa Wong Short-term hydro-thermal scheduling with reservoir volume constraints. I. Simulated annealing approach 59686

Kit Po Wong, Yin Wa Wong Short-term hydro-thermal scheduling with reservoir volume constraints. II. Parallel simulated annealing approach 59687

Kit Tang Man *see* Man Kit Tang

Kit Tong Tak *see* Tak Kit Tong

Kit-Man Chan, Yum, T.-S.P. Analysis of adaptive routing schemes in multirate loss networks 96268

Kit-Man Chan, Yum, T.P. Analysis of least congested path routing in WDM lightwave networks 65094

Kita, A. *see* Ida, J. 71807

Kita, A. *see* Tanoi, S. 92224

Kita, A. *see* Tanoi, S. 92239

Kita, H., Sato, N., Nishiya, K., Hasegawa, J. Dynamic preventive control strategies for power systems considering transient and mid-term stabilities 68136

Kita, H. *see* Gibson, G. 68431

Kita, H. *see* Gibson, G. 78363

Kita, H. *see* Mizoh, Y. 72101

Kita, H. *see* Nishikawa, Y. 68342

Kita, K., Morimoto, T., Ohkura, K., Sagayama, S., Yano, Y. Spoken sentence recognition based on HMM-LR with hybrid language modeling 51387

Kita, T., Inazumi, T., Nakayama, H., Nishino, T., Sakaguchi, H. Resonant coupling between confined and unconfined states in a finite-period $In_{0.24}Ga_{0.76}As/GaAs$ strained-layer superlattice 93036

Kitabatake, M. *see* Wasa, K. 91502

Kitada, T. *see* Wakejima, A. 54847

Kitada, Y. *see* Watanabe, Y. 50159

Kitada, Y. *see* Watanabe, Y. 93852

Kitade, K. *see* Tanaka, Y. 88627

Kitagaki, K. *see* Demura, T. 92280

Kitagaki, T., Hart, E.L. Tohoku 1.4 m holographic bubble chamber 76811

Kitagawa, A., Yamada, S., Kohno, T., Murakami, T., Muramatsu, M., Noda, K., Ogawa, H., Sato, Y., Yamada, T., Yoshizawa, J., Fu, S., Sekiguchi, M., Ohshiro, Y., Hattori, T., Shibuya, S., Matsushita, H., Sawada, K., Morishita, O. Development of the National Institute of Radiological Sciences electron cyclotron resonance ion source for the heavy ion medical accelerator in Chiba 53159

Kitagawa, A. *see* Fernando, C.A.N. 78781

Kitagawa, A. *see* Fu, S. 53275

Kitagawa, A. *see* Kumada, M. 68748

Kitagawa, A. *see* Murakami, T. 76296

Kitagawa, A. *see* Sato, Y. 88546

Kitagawa, E., Okada, M., Yokoi, S., Toriwaki, J.-I. Evaluation of an environment for supporting development of a 3D image processing system VISUAL by development of virtual space manipulating system 95787

Kitagawa, F. *see* Terada, H. 99005

Kitagawa, H. *see* Amagai, M. 60962

Kitagawa, M., Omura, I., Hasegawa, S., Inoue, T., Nakagawa, A. A 4500 V injection enhanced insulated gate bipolar transistor (IEGT) operating in a mode similar to a thyristor 93436

Kitagawa, M., Ueda, M. Sub-quantum-limit electron interferometers 71744

Kitagawa, M. *see* Daud, A. 56529

Kitagawa, M. *see* Hirao, T. 82107

Kitagawa, M. *see* Kakimoto, Y. 58580

Kitagawa, M. *see* Nagata, N. 99581

Kitagawa, M. *see* Nagata, T. 59735

Kitagawa, M. *see* Nagata, T. 89089

Kitagawa, M. *see* Nara, K. 59880

Kitagawa, M. *see* Nishitsuji, M. 61951

Kitagawa, M. *see* Sasaki, H. 68223

Kitagawa, M. *see* Tomomura, Y. 72823

Kitagawa, M. *see* Yoshida, A. 93132

Kitagawa, M. *see* Zhu, Z. 91432

Kitagawa, S., Tomoda, H., Watanabe, K., Tsuji, M. Technologies for mini-component systems 75789

Kitagawa, T., Bilodeau, F., Malo, B., Theriault, S., Albert, J., Jihnson, D.C., Hill, K.O., Hattori, K., Hibino, Y. Single-frequency Er^{3+}-doped silica-based planar waveguide laser with integrated photo-imprinted Bragg reflectors 72787

Kitagawa, T., Hattori, K., Hibino, Y., Ohmori, Y. Neodymium-doped silica-based planar waveguide lasers 50768

Kitagawa, T. *see* Hattori, K. 56410

Kitagawa, T. *see* Hattori, K. 72971

Kitagawa, T. *see* Hill, K.O. 86452

Kitagawa, T. *see* Hill, K.O. 97288

Kitagawa, T. *see* Malo, B. 72383

Kitagawa, T. *see* Oguma, M. 56704

Kitagawa, Y. *see* Nakajima, K. 76627

Kitagawara, Y., Tamatsuka, M., Takenaka, T Accurate evaluation techniques of interstitial oxygen concentrations in medium-resistivity Si crystals 55535

Kitaguchi, H. *see* Aso, T. 55691

Kitaguchi, H. *see* Miyai, H. 88409

Kitaguchi, H. *see* Miyai, H. 98601

Kitaguchi, H. *see* Tomita, N. 82402

Kitahara, H. *see* Kuwahara, Y. 73549

Kitahara, H. *see* Tanaka, S. 86259

Kitahara, M. *see* Sasaki, Y. 81208

Kitahara, N. *see* Yamane, S. 69271

Kitahara, Y. *see* Ando, H. 95269

Kitahara, Y. *see* Tanaka, M. 86215

Kitahashi, M., Noguchi, S. Object-oriented analysis for network management 75047

Kitahashi, T. *see* Hayashi, Y. 64842

Kitahashi, T. *see* Kakusho, K. 84617

Kitahata, H. *see* Sato, F. 61662

Kitai, M., Imamura, A., Nishi, H. Evaluation of interaction procedure in a voice activated interaction system based on word spotting 51383

Kitai, M. *see* Nishi, H. 51384

Kitajima, H. *see* Arai, J. 66695

Kitajima, H. *see* Haseyama, M. 64564

Kitajima, H. *see* Kimura, Y. 85142

Kitajima, H. *see* Kurosawa, S. 66509

Kitajima, H. *see* Watanabe, A. 70499

Kitajima, K., Maki, H. A method of generating both an open shell and a solid model utilizing stereo-visual image pairs from multiple views of 3-D objects 57635

Kitajima, M. *see* Kuroki, H. 93247

Kitajima, T. *see* Arai, K. 82513

Kitajima, T. *see* Matsumoto, H. 89783

Kitakami, N. *see* Nakao, Y. 55287

Kitakami, N. *see* Nakao, Y. 92278

Kitakami, O. *see* Sakurai, T. 82278

Kitakata, M. *see* Hayashi, F. 93411

Kitamichi, J., Higashino, T., Taniguchi, K., Sugiyama, Y. Top-down design method for synchronous sequential logic circuits based on algebraic technique 49362

Kitamichi, J. *see* Taniguchi, K. 92090

Kitamoto, T. *see* Nakayama, I. 65722

Kitamura, A., Okamoto, M., Hotta, K., Takigawa, K., Kobayashi, H., Ariga, Y. Islanding prevention measures: demonstration testing at Rokko Test center for Advanced Energy Systems 99988

Kitamura, E. *see* Yubazaki, N. 90562

Kitamura, H. *see* Itagaki, K. 92857

Kitamura, H. *see* Jun, B. 77423

Kitamura, H. *see* Matsui, T. 97754

Kitamura, J. The future of video acceleration 75717

Kitamura, K., Yamamoto, T., Uchida, T., Moriyama, H., Yamamoto, J., Nishimura, A., Motojima, O. Cryogenic shear fracture tests of interlaminar organic insulation for a forced-flow superconducting coil 82432

Kitamura, K. *see* Mimura, H. 72630

Kitamura, M., Kakukawa, S., Mori, K., Tominaka, T. An optimal design technique for coil configurations in iron-shielded MRI magnets 83562

Kitamura, M. *see* Kitamura, S. 83109

Kitamura, M. *see* Komatsu, K. 75443

Kitamura, M. *see* Makino, S. 50261

Kitamura, M. *see* Mori, K. 82314

Kitamura, M. *see* Sasaki, T. 56775

Kitamura, M. *see* Takai, Y. 49421

Kitamura, M. *see* Takai, Y. 70550

Kitamura, M. *see* Tanoue, K. 62036

Kitamura, M. *see* Wada, K. 72885

Kitamura, M. *see* Yamazaki, H. 50829

Kitamura, N. *see* Sugimura, H. 93277

Kitamura, N. *see* Tanaka, S. 70666

Kitamura, O., Goto, T., Terakado, S., Suzuki, S., Sekitani, T., Tanaka, K. Anisotropic etching of silicon nitride at low temperatures by synchrotron radiation 71331

Kitamura, O., Terakado, S., Goto, T., Suzuki, S., Tanaka, K. Photochemical etching of silicon using monochromatic synchrotron radiation 71343

Kitamura, S., Sasaki, T., Komatsu, K., Kitamura, M. Extremely small active stripe laser diodes (EXSAS-LDs) for 17 channel low threshold array 83109

Kitamura, S. *see* Komatsu, K. 75443

Kitamura, T., Hira, M., Kurazono, S. Use of a finite difference time-domain method to analyze thin-film microstrip lines with conductor loss 51200

Kitamura, T., Kadota, M., Kasanami, T., Kushibiki, J., Chubachi, N. Evaluation of piezoelectric ceramic substrates for ultrasonic bulk wave filters and resonators using pulse interference method 71884

Kitamura, T., Kokubu, A., Hayahara, E. Word recognition in noisy environments using dynamic features of speech and additive noise 51427

Kitamura, T., Koshimae, T., Hira, M., Kurazono, S. Analysis of cylindrical microstrip lines utilizing the finite difference time-domain method 83749

Kitamura, T., Kusabiraki, M., Maekawa, Y., Aozasa, M. Preparation and dielectric breakdown of plasma-polymerized hexamethyldisilazane films 63051

Kitamura, T., Nakamura, S., Hira, M., Kurazono, S. Analysis of microstrip crossovers using the nonorthogonal finite-difference time-domain method 80738

Kitamura, T. *see* Hira, M. 72214

Kitamura, T. *see* Ogiwara, H. 89303

Kitamura, T. *see* Sakui, M. 70280

Kitamura, T. *see* Takamatsu, I. 99672

Kitamura, Y. *see* Sameshima, Y. 92080

Kitano, K. *see* Morinaga, K. 97430

Kitano, M. *see* Otsuka, K. 91679

Kitano, N., Ishida, M., Hori, T. Real-time feedback control of output voltage in series-resonant HF-linked DC-AC converter 68878

Kitano, T. *see* Matsubara, Y. 71801

Kitano, T. *see* Yoshida, N. 61900

Kitano, T. *see* Yoshida, N. 92525

Kitao, I., Koike, Y., Tanimoto, S., Yasui, K., Koyamoto, A., Matsushita, A. μPD17145 series microcontroller for small home appliances 61762

Kitao, M. *see* Ohta, Y. 85555

Kitaoka, Y., Yamamoto, K., Kato, M. Intracavity frequency doubling of a Nd:YVO_4 laser pumped by a wavelength-locked laser diode using a transmission-type optical filter 63717

Kitaoka, Y. *see* Jochner, M. 69725

Kitatani, K. *see* Okamura, Y. 50242

Kitatani, T. *see* Yazawa, Y. 100446

Kitaura, Y., Hashimoto, T., Inoue, T., Ishida, K., Uchitomi, N., Nii, R. Long-term reliability of Pt and Mo diffusion barriers in Ti-Pt-Au and Ti-Mo-Au metallization systems for GaAs digital integrated circuits 93552

Kitaura, Y. *see* Hara, T. 93136

Kitaura, Y. *see* Nagaoka, M. 92572

Kitaura, Y. *see* Seshita, T. 96942

Kitawaki, N. Quality assessment for multimedia communications 51904

Kitawaki, N., Mishima, H. PSI-CELP speech codec for digital cellular mobile radio 58245

Kitawaki, N. *see* Iai, S. 74802

Kitawaki, N. *see* Itoh, K. 51416

Kitawaki, N. *see* Kurita, T. 96829

Kitawaki, N. *see* Sugamura, N. 64342

Kitayama, K. Novel spatial spread spectrum based fiber optic CDMA networks for image transmission 65753

Kitayama, K. *see* Hashimoto, M. 82742

Kitayama, K. *see* Ito, F. 63934

Kitayama, M. *see* Hidai, T. 97428

Kitayama, T. *see* Futami, M. 60245

Kitayama, T. *see* Matsushita, K. 86360

Kitayama, T. *see* Mizuochi, T. 65850

Kitayama, T. *see* Mizuochi, T. 86359

Kitayoshi, H. Holographic radio imaging for EMC 94862

Kitazawa, H. *see* Harada, I. 93583

Kitazawa, M., Higuchi, R., Takahashi, M., Wada, T., Sasabe, H. Ultraviolet generation at 266 nm in a novel organic nonlinear optical crystal: L-pyrrolidone-2-carboxylic acid 56871

Kitazawa, M., Yamazaki, M., Himi, S. Fiber-optic subscriber system based on passive optical network architecture 75437

Kitazume, T. *see* Koden, M. 50591

Kitchen, C. *see* Hardingham, C. 100742

Kitchen, C.A. *see* Mullaney, K. 100738

Kitchen, J. A method for estimating the coefficients of a polynomial phase signal 64470

Kitchen, N.D. *see* Lemieux, L. 88422

Kitchin, J. *see* Lloyd, J.R. 81580

Kitchin, P.J., Newcomer, F.M. Feasibility of a frequency doubled, pulsed GaAs laser diode source for calibration of photomultipliers at the Sudbury Neutrino Observatory 92910

Kitching, J., Boyd, R., Yariv, A., Shevy, Y. Amplitude noise reduction in semiconductor lasers with weak, dispersive optical feedback 83135

Kitching, P. *see* Gingrich, D. 53291

Kite, N. *see* Murata, K. 69913

Kitis, G., Papadopoulos, J.G., Charalambous, S., Tuyn, J.W.N. The influence of heating rate on the response and trapping parameters of α-Al_2O_3:C 94259

Kito, M., Otsuka, N., Ishino, M., Fujihara, K., Matsui, Y. Enhanced relaxation oscillation frequency of 1.3 μm strained-layer multiquantum well lasers 72849

Kito, M. *see* Fujihara, K. 94488

Kito, M. *see* Ishino, M. 97666

Kito, Y. *see* Anayama, C. 50849

Kito, Y. *see* Bong-Hwan Oh 89298

Kito, Y. *see* Fujita, H. 68098

Kito, Y. *see* Fujita, H. 99579

Kito, Y. *see* Fukushima, T. 72899

Kito, Y. *see* Kato, T. 68175

Kito, Y. *see* Okubo, H. 54114

Kito, Y. *see* Sunabe, K. 68304

Kito, Y. *see* Yue-Jin Tang 68283

Kitoh, M. *see* Kokaku, Y. 50311

Kitoh, T. *see* Kuwano, S. 58430

Kitoh, T. *see* Nakazawa, M. 97250

Kitoh, T. *see* Suzuki, K. 50831

Kitou, M. *see* Takahashi, T. 89083

Kitrosser, J.H. An evaluation of a region-growing algorithm performing detection for automatic target recognition 99406

Kitsukawa, G. *see* Kawahara, T. 61709

Kitsukawa, G. *see* Kawahara, T. 80322
Kitsunai, M. *see* Osawa, Y. 100391
Kitsuno, Y., Cho, G., Drewery, J., Hong, W.-S., Perez-Mendez, V. Defect equilibration and intrinsic stress in undoped hydrogenated amorphous silicon 55574
Kittaneh, O. Fine voltage control of a self-excited induction generator/PWM rectifier operating as a DC power supply 78629
Kittel, W. Bubble chambers in high energy hadron collisions (and vice versa) 76803
Kittelmann, O. *see* Ringling, J. 73109
Kittelmann, O. *see* Ringling, J. 94364
Kittelmann, O. *see* Seifert, F. 94599
Kittler, J. *see* Bober, M. 57796
Kittler, J. *see* Bober, M. 84707
Kittler, J. *see* Boukouvalas, C. 91101
Kittler, J. *see* Christmas, W.J. 74385
Kittler, J. *see* Illingworth, J. 57703
Kittler, J. *see* Matas, J. 84651
Kittler, J. *see* Palmer, P.L. 84630
Kittler, J. *see* Princen, J. 51594
Kittler, J. *see* Song, K.Y. 69608
Kittler, J. *see* Tai, A. 84650
Kittler, J. *see* Wong, K.C. 84677
Kittler, M., Seifert, W. Two types of electron-beam-induced current behaviour of misfit dislocations in Si(Ge): experimental observations and modelling 55538
Kittrell, C. *see* Stevens, R.E. 83222
Kityk, I.V., Bilenkaya, O.B. Specific properties of second-harmonic generation in cerium-doped superconductive ceramics 56879
Kiu Sun-Wah *see* Sun-Wah Kiu
Kiuchi, A. *see* Baji, T. 70655
Kiuchi, H., Hama, S., Imae, M., Sekido, M., Nakajima, J., Kondo, T. A new VLBI data acquisition and processing system, K-4 87034
Kiuchi, H. *see* Yoshino, T. 97766
Kiuchi, K. *see* Matsumoto, T. 61266
Kiuchi, K. *see* Nagata, H. 56423
Kiuchi, M. *see* Kinomura, A. 49832
Kiula, N. Telecommunications development in Tanzania 96353
Kiunke, W. *see* Hansch, W. 61239
Kiupel, N., Frank, P.M., Bux, O. Fuzzy control of steam turbines 68438
Kiuru, A., Mattheus, R., Bjerde, K.W. Standardization of medical imaging in Europe: an integrated initiative 67479
Kivett, J.A. *see* Mayhew, G.L. 65951
Kivimaa, J., Moilanen, M., Rautioaho, R., Zhang, H. Influence of tensile stress in steel cables on magnetic Barkhausen noise 53058
Kivimaa, J. *see* Chen, J. 76267
Kivimaki, A. *see* Aksela, S. 53357
Kivisaari, J. The meniscus cell—partially immersed gas-diffusion electrodes. Part II. Modelling 68987
Kivisaari, J., Lindstrom, O. The meniscus cell. Part I. Experimental 68986
Kivshar, Y.S. *see* Buryak, A.V. 94649
Kivva, F.V. *see* Bass, F.G. 57112
Kiwiel, K.C. A Cholesky dual method for proximal piecewise linear programming 91314
Kiy, K.I. A topological-geometric method of processing images as a whole and its applications to the analysis of road situations 64802
Kiya, H., Yamazaki, H., Ashihara, K. An oversampling subband adaptive digital filter with rational decimation ratios 92390
Kiya, H. *see* Muramatsu, S. 51706
Kiya, H. *see* Muramatsu, S. 92388
Kiya, H. *see* Nishikawa, K. 84435
Kiyama, S. Energy supply technology for millimachines 90035
Kiyama, S. *see* Kuriyama, H. 92918
Kiyama, S. *see* Noguchi, S. 71629
Kiyama, T. *see* Watanabe, K. 97745
Kiyan, R.V. *see* Bryksin, V.V. 72734
Kiyan, R.V. *see* Petrov, M.P. 56719
Kiyan, R.V. *see* Petrov, M.P. 72727
Kiyashko, S.D., Kamuz, A.M., Ovsyannikov, E.U., Oleksenko, P.F., Stril'chuk, O.N. Monolithic integrated-optical device 72409
Kiyasu, S., Fujimura, S. Successive feature extraction from hyperspectral data 77578
Kiyatkin, R.P. *see* Shakirov, M.A. 92653
Kiyayama, T., Matsushita, K., Motoshima, K., Yamashita, J., Nakagawa, E., Ida, Y. A submersible optical amplifier repeater 86356
Kiyayev, O.E. *see* Borziak, P.G. 92637
Kiyohara, M., Katoh, K., Mochizuki, T., Nagano, S. Grain size dependence of piezoelectricity and actuator characteristics for piezoelectric ceramics 71855
Kiyohashi, S. *see* Hajek, B.K. 68394
Kiyokawa, M., Matsui, T. A new quasi-optical oscillator with Gaussian output beam 55431
Kiyokawa, M. *see* Matsui, T. 97754
Kiyonaga, C. *see* Kurata, M. 66091
Kiyono, S., Gao, W. On-machine measurement of large mirror profile by mixed method 76225
Kiyono, S., Sugibuchi, T., Morishima, K. Self calibration of the linearity error of displacement sensors 52803
Kiyono, S., Yamatani, M., Ohe, A., Huang, P., Suzuki, H. Critical angle type optical stylus with optical skid. II. Construction by two optical sources and one receiving optical system 87504
Kiyono, S. *see* Gao, W. 87529
Kiyono, S. *see* Wei Gao 87502
Kiyosawa, T. *see* Kimoto, K. 62214
Kiyoshi, T., Inoue, K., Itoh, K., Takeuchi, T., Oshikiri, M., Kosuge, M., Iijima, Y., Maeda, H. Operation of a 20-T superconducting magnet with a large bore 82473
Kiyoshi, T. *see* Inoue, K. 82501
Kiyoshi, T. *see* Inoue, K. 94026
Kiyoshi, T. *see* Oshikiri, M. 82502
Kiyota, Y., Nakamura, T., Inada, T. Subquarter-micrometer PMOSFET's with 50-nm source and drain formed by rapid vapor-phase doping (RVD) 49874
Kiyota, Y., Nakamura, T., Inada, T. Sub-quarter-micron PMOSFETs with shallow source and drain formed by rapid vapor-phase doping (RVD) 71678
Kiyota, Y., Nakamura, T., Muraki, K., Inada, T. Phosphorus direct doping from vapor phase into silicon for shallow junctions 71309
Kiyota, Y. *see* Sato, T. 61708
Kiyota, Y. *see* Uchino, T. 93337
Kiyotake, K., Morishita, Y., Kamiya, K., Tabata, M., Muta, K.-I. Development of erbium-doped fiber amplifier for optical AM-frequency division multiplexing transmission system 65815
Kiyoung Choi, KiJong Lee, Jun-Woo Kang A self-timed divider using RSD number system 93605
Kizakevich, P.N., Hazucha, M., Van Hoose, L., Bolick, K., Jochem, W.J., McCartney, M., McMaster, L. Reproducibility of impedance cardiogram waveform analysis in lower-body and upper-body exercise 77013
Kizakevich, P.N., Kaufman, E., Cragg, N., Jochem, W.J., Teague, S.M., Hordinsky, J.R. Beat-by-beat monitoring of systemic vascular resistance during head-up tilt for assessment of orthostatic stress response 77012
Kizakevich, P.N. *see* Jochem, W.J. 75867
Kizaki, Y. *see* Mori, M. 98241
Kizevetter, V.E. *see* Ziganshina, E.Kh. 59972
Kizilcay, M., Koch, K.-H. Numerical fault arc simulation based on power arc tests 78165
Kiziltalli, I.C., Bude, J.D. Degradation of gain in bipolar transistors 71600
Kiziltalli, I.C. *see* Bude, J. 71829
Kiziltalli, I.C. *see* Pinto, M.R. 63041
Kizu, S. *see* Kawamura, H. 67747
Kizu, S. *see* Kawamura, H. 67886
Kizuka, N. *see* Harada, N. 69017
Kjaer, P.C., Nielsen, P., Andersen, L., Blaabjerg, F. A new energy optimizing control strategy for switched reluctance motors 68569
Kjaer, S., Koetzier, H., Van Liere, J., Rasmussen, I. New concepts for coal-fired power stations—a comparison of efficiency, economy, environment and operational aspects 89587
Kjar, R. *see* Chao, E.Y. 93457
Kjar, R. *see* Chao, E.Y. 93461
Kjebon, O. *see* Lourdudoss, S. 56817
Kjebon, O. *see* Streubel, K. 56792
Kjebon, O. *see* Streubel, K. 83155
Kjebon, O. *see* Varga, D. 56812
Kjell, B. *see* Topkar, V. 95744
Kjellberg, T. *see* Hagberg, M. 50852
Kjellgren, J., Nilsson, S., Sume, A. A simple reflector model for polarimetric radar at millimetre waves 65896
Kjellsson, U. *see* Burstrom, B. 54633
Kjersdam, F. Tomorrow's engineering education—the Aalborg experiment 69393
Kjurkchiev, N., Mahdi, K. Some remarks on Dvorcuk's root-finding method 79682
Klaas, O., Kreienmeyer, M., Stein, E. Elastoplastic finite element analysis on a MIMD parallel-computer 69902
Klaassen, D.B.M. *see* de Leeuw, D.M. 93270
Klaassen, D.B.M. *see* Velghe, R.M.D.A. 93661
Klaassen, E.H. *see* Reay, R.J. 93592
Klaassen, F.M. *see* Velghe, R.M.D.A. 93661
Klaassen, K.B., van Peppen, J.C.L. Slider-disk clearance measurements in magnetic disk drives using the readback transducer 72105
Klaassen, K.B., van Peppen, J.C.L. Magnetic instability of thin-film recording heads 72138
Klaassens, E. *see* Wang, S. 98868
Klaassens, J.B. *see* Antic, D. 54174
Klabukov, A.M. *see* Belolaptikov, I.A. 59156
Klabunde, K. *see* Abramowski, S. 96842
Klabunde, K. *see* Gallersdorfer, R. 52254
Kladas, A.G., Papadopoulos, M.P., Tegopoulos, J.A. Leakage flux and force calculation on power transformer windings under short-circuit: 2D and 3D models based on the theory of images and the finite element method compared to measurements 90068
Kladas, A.G., Tegopoulos, J.A. Eddy currents modeling in solid iron by using analytic elements 83504
Klaer, J., Braunig, D., Wulf, F. Development of post-irradiation interface traps and oxide charges in thin thermal oxide and thermal oxinitride MOS structures 71231
Klages, C.-P. *see* Boettger, E. 81180
Klages, C.-P. *see* Jiang, X. 79854
Klages, E.J., Wilson, R.M. APM: an automated inspection programming system 91103
Klages, W.A., Jr. *see* deRijke, J.E. 49837
Klaic, A. Battery monitoring system of the underwater vehicle 100899
Klaisner, L. *see* Saez, P. 71024
Klaisner, L. *(editor)* 1993 IEEE Conference Record. Nuclear Science Symposium and Medical Imaging Conference (Cat. No.93CH3374-6) 90719
Klaisner, L.A. *see* Clendenin, J.E. 76743
Klaisner, L.A. *see* Tang, H. 71025
Klaisner, L.A. *see* Yeremian, A.D. 76724
Klajn, A., Markiewicz, H. Some properties of DC vacuum arc under transverse magnetic fields and possibility of their application in practice 90254
Klamp, L. *see* Colestock, P.L. 87711
Klamra, W. *see* Avdeichikov, V.V. 98537
Klamra, W. *see* Moszynki, M. 67304
Klapdor, W. *see* Girod, W.-D. 89410
Klapdor-Kleingrothaus, H.V. *see* Bockholt, J. 59164
Klapfish, M. Trends in AC/DC switching power supplies and DC/DC converters 49142
Klapka, I. *see* Cardona, A. 69903
Klappan, P. *see* Dieter, W. 68052
Klapper, A. The vulnerability of geometric sequences based on fields of odd characteristic 57372
Klapper, A.M., Goresky, M. Partial period autocorrelations of geometric sequences 73700
Klapproth, F.F. *see* Banerjee, S. 52008
Klapwijk, T.M. *see* Bakker, S.J.M. 63294
Klapwijk, T.M. *see* de Lange, G. 50411
Klapwijk, T.M. *see* de Lange, G. 55400
Klapwijk, T.M. *see* De Raedt, H. 72245
Klapwijk, T.M. *see* Gao, J.R. 55589
Klapwijk, T.M. *see* Heemskerk, R. 55947
Klar, A., Heinlein, W.E. Determination of the noise figure of erbium-doped fibre amplifiers using the photon statistic master equation 86402
Klarquist, W.N. *see* Tieh-Yuh Chen 57814
Klas, W. *see* Aberer, K. 58044
Klasa, S. *see* Tao Li 84166
Klasing, R. *see* Hromkovic, J. 57928
Klasko, M. The pitfalls of speaker selection for multimedia 66082
Klason, C. *see* Krivka, I. 81100
Klason, C. *see* Ponomarenko, A.T. 79984
Klason, C. *see* Ponomarenko, A.T. 91649
Klason, C. *see* Shevchenko, V.G. 79985
Klass, F., Flynn, M.J., van de Goor, A.J. Fast multiplication in VLSI using wave pipelining techniques 70363
Klatt, J. *see* Osten, H.J. 70041
Klaus, D. *see* Bochanky, L. 68125
Klaus, D. *see* Mii, Y. 71804
Klaus, D. *see* Shahidi, G.G. 71790
Klaus, D. *see* Shahidi, G.G. 71797
Klaus, D. *see* Taur, Y. 93612
Klaus, F., Blewonska, U., Knuefermann, R., Loffeld, O. Simulation of shuttle trajectory and attitude for a SAR-simulator 67770
Klaus, M. Nonstandardised influence of controls 94854
Klaus, M. *see* Novak, J. 49864
Klausmann, E. *see* Fahrner, W.R. 71244
Klausmann, E. *see* Neitzert, H.C. 81386
Klazar, M. A linear upper bound in extremal theory of sequences 91295
Klebaner, F.C. Asymptotic behaviour of Markov population processes with asymptotically linear rate of change 91221
Klebniczki, J. *see* Seres, J. 94365
Klee, M., Larsen, P.K. Ferroelectric thin films for memory applications: sol-gel processing and decomposition of organo-metallic compounds 63078
Klee, M. *see* Larsen, P.K. 56105
Kleeman, L., Kuc, R. An optimal sonar array for target localization and classification 99356
Kleemeier, W. *see* Hong Koo Kim 70098
Kleessen, H. *see* Gille, P. 48899
Kleev, A.I. *see* Romashin, N.L. 83768
Kleeven, W., Baartman, R. Beam matching and emittance growth resulting from spiral inflectors for cyclotrons 98432
Kleeven, W. *see* Baartman, R. 98431
Kleeven, W.J.G.M. *see* Botman, J.I.M. 50884
Kleeven, W.J.G.M. *see* Delhez, J.L. 76548
Kleeven, W.J.G.M. *see* Delhez, J.L. 87722
Kleeven, W.J.G.M. *see* van der Heide, J.A. 67145
Klefenz, F., Noffz, K.-H., Zoz, R., Manner, R. Enable—a systolic 2nd level trigger processor for track finding and e/π discrimination for ATLAS/LHC 98664
Kleffner, C.M. *see* Grieser, M. 76310
Klefsjo, B. *see* Kumar, D. 61032
Klefsjo, B. *see* Westberg, U. 79493
Kleier, S. *see* Jonsson, U. 96552
Kleihorst, E. Extended harmonic balance method 70271
Kleihorst, R.P., Biemond, J., Lagendijk, R.L. Motion-compensated filtering of noisy image sequences 57770
Kleihorst, R.P., Lagendijk, R.L., Biemond, J. Noise reduction of severely corrupted image sequences 85009
Kleijn, W.B. On the periodicity of speech coded with linear-prediction based analysis by synthesis coders 95241

Kleijn, W.B., Haagen, J. Transformation and decomposition of the speech signal for coding 84149
Kleijn, W.B., Kroon, P., Cellario, L., Sereno, D. A 5.85 kbits CELP algorithm for cellular applications 84100
Kleimann, A. *see* Centen, P. 97689
Kleimann, A.C. *see* Bosiers, J.T. 66077
Kleimann, A.C. *see* Bosiers, J.T. 87283
Kleimann, P. *see* Rivoire, A. 70634
Klein, A. Modulation schemes for simultaneous transmission of data streams of different bit rates 95075
Klein, A., Melard, G. Computation of the Fisher information matrix for SISO models 51277
Klein, A., Werner, M., Zimmermann, T. CDMA mobile radio transmission methods with interference elimination, TCM and receiver-side utilization of reliability information 65683
Klein, A. *see* Anderson, V.L. 79477
Klein, A. *see* Blanz, J. 65607
Klein, A. *see* Felhauer, T. 52335
Klein, A. *see* Melard, G. 74210
Klein, A. *see* Rechenberg, I. 83170
Klein, A.A.B., Melard, G. The information matrix of multiple-input single-output time series models 91219
Klein, B. Generation of updated products 90886
Klein, D., Devillard, C., Chambaudet, A., Barillon, R. Development of measuring techniques using a silicon diode pin detector for continuous radon monitoring 87979
Klein, D. *see* Barillon, R. 88577
Klein, D. *see* Chambaudet, A. 88201
Klein, D. *see* Chambaudet, A. 88578
Klein, E.M., Sim, S.H. Discharge allocation for hydro-electric generating stations 60118
Klein, F.-J. *see* Schwille, W.J. 76785
Klein, F.J.de *see* de Klein, F.J.
Klein, G. *see* Englmaier, A. 61470
Klein, G. *see* Troscher, M. 93530
Klein, H. *see* Dehen, J. 59010
Klein, H. *see* Glock, H.-W. 67048
Klein, H. *see* Hoenen, F. 88137
Klein, H. *see* Hulsmann, P. 58964
Klein, H. *see* Kleinod, M. 53154
Klein, H. *see* Kurz, M. 67010
Klein, H. *see* Ludwig, T. 53131
Klein, H. *see* Sarstedt, M. 59021
Klein, H.H.K.M. *see* Burger, J. 98570
Klein, H.K., Kraft, P. Social control and social contract in NetWORKing. Total quality management and the control of work in the United States 54401
Klein, H.W. *see* Robinson, M.E. 91920
Klein, J. *see* Christenson, T.R. 78773
Klein, J. *see* Guckel, H. 60262
Klein, J. *see* Guckel, H. 62591
Klein, J. *see* Guckel, H. 81583
Klein, J. *see* Guckel, H. 90046
Klein, J. *see* Guckel, H. 93287
Klein, J.H., Powell, P.L., Chapman, C.B. Project risk analysis based on prototype activities 69510
Klein, J.L. *see* Fernandes, M.G. 62544
Klein, J.P. *see* Girard, A. 67262
Klein, J.P. *see* Melin, G. 53148
Klein, K. *see* Huang, W.M. 93676
Klein, K.-F. *see* Heitmann, W. 52501
Klein, M. *see* Henschel, H. 59071
Klein, M. *see* Reisner, D.E. 68983
Klein, M.J. *see* Stelzried, C.T. 58369
Klein, M.V. *see* Kim, Y.D. 92954
Klein, P., Hoffmann, K., Lemaitre, B. Description of the bias dependent overlap capacitance at LDD MOSFETs for circuit applications 93409
Klein, P. *see* Apel, P. 53339
Klein, P.B. *see* Freitas, J.A., Jr. 71083
Klein, P.B. *see* Rao, M.V. 71289
Klein, R., Neyer, A. Silicon micromachining for micro-replication technologies 94131
Klein, R.S., Kugel, G.E., Glinchuk, M.D., Kuzian, R.O., Kondakova, I.V. Photoconductivity in $KTaO_3$:Li single crystals 94255
Klein, S.A. *see* Silverstein, D.A. 64675
Klein, S.R., Cavalli-Sforza, M., Kelley, L.A., Anthony, P., Becker-Szendy, R., Erickson, R., Gearhart, R.A., Bosted, P.E., White, J. A method of obtaining parasitic e^+ or e^- beams during SLAC linear collider operation 98488
Klein, S.R. *see* Cavalli-Sforza, M. 87772
Klein, S.S. *see* Rijken, H.A. 87967
Klein, S.T. *see* Bookstein, A. 57887
Klein, T., Vicanek, M., Kroos, J., Decker, I., Simon, G. Oscillations of the keyhole in penetration laser beam welding 94700
Klein, T. *see* Lausen, H. 86024
Klein, U. *see* Murayama, Y. 86834
Klein, U. *see* Yoshida, H. 52745
Klein, V. Application of system identification to high performance aircraft 88619
Klein, W., Bohm, G., Sexl, M., Grigull, S., Heiss, H., Trankle, G., Weimann, G. Modulation-doped InAlAs/InGaAs quantum well structures for high electron mobility transistors 56024
Klein, W. *see* Godel, W. 61899
Klein, W. *see* Leitenstorfer, A. 81238
Klein, W. *see* Lettau, C. 93037
Klein, W. *see* Schuster, R. 92995
Kleindienst Muntwyler, S. *see* Muntwyler, U. 54207
Kleine, U., Bieger, J., Seifert, H. A low-noise CMOS preamplifier operating at 4.2 K 80142
Kleine, U., Mauthe, M. Designing circuits for hearing instruments 53455
Kleineberg, U. *see* Schmiedeskamp, B. 56504
Kleiner, R. Two-dimensional resonant modes in stacked Josephson junctions 93927
Kleiner, R., Muller, P., Kohlstedt, H., Pedersen, N.F., Sakai, S. Dynamic behavior of Josephson-coupled layered structures 82372
Kleinert, P. *see* Asche, M. 62287
Kleinfelder, S. *see* Amidei, D. 98639
Kleinfelder, S.A. *see* Milgrome, O.B. 62992
Kleinfelder, S.A. *see* Warburton, W.K. 88034
Kleinfelder, S.A. *see* Warburton, W.K. 88304
Kleinhenz, R. *see* Mii, T. 62813
Kleinhenz, R. *see* Nesbit, L. 92191
Kleinholz, L., Ohly, M. Multimedia medical conferencing: design and experience in the BERMED project 58239
Kleinke, D.K., Mehmet Uras, H. A magnetostrictive force sensor 58740
Kleinman, R.E., van den Berg, P.M. Two-dimensional location and shape reconstruction 83605
Kleinmann, L., Laugks, J., Nick, K.-P. Image processing and pattern recognition in ground penetrating radar data 67908
Kleinod, M., Becker, R., Kester, O., Lakatos, A., Thomae, H., Zipfel, B., Klein, H. Frankfurt EBIS development: fundamental research and new applications 53154
Kleinod, M. *see* Becker, R. 53152
Kleinrock, L. *see* Lu, J.C. 51864
Kleinrock, L. *see* Lu, J.C. 75001
Kleinsasser, A.W. *see* Stawiasz, K.G. 80887
Kleinschmidt, J. *see* Ringling, J. 94364
Kleinsmith, N. *see* Siminovitch, M. 69191
Kleintz, M., Rode, B. Shading diffraction of microwaves on rectangular vertical fronts of buildings with allowance for ground reflections (Fresnel-Kirchhoff approximation) 58445
Kleinwachter, W. New "have nots" and the old problems? How the East European countries and the republics of the former Soviet Union integrate into the world communication order 97523
Kleis, U., Wallat, O., Wever, U., Zheng, Q. Domain decomposition methods for circuit simulation 70240
Kleiss, G., Raicu, A., Bucher, K. Temperature-dependent influence of a-Si:H cell degradation on the energy delivered under realistic reporting conditions 100539
Kleiss, J.A. Properties of computer-generated scenes important for simulating low-altitude flight 99052
Kleiss, R.E., Hoffman, S. EDM speeds cutting of precision gears 54271
Klem, J.F. *see* Baca, A.G. 71734
Klem, J.F. *see* Blum, O. 54852
Klem, J.F. *see* Sherwin, M.E. 71710
Klem, J.F. *see* Sherwin, M.E. 81953
Klem, J.F. *see* Shul, R.J. 93215
Klem, J.F. *see* Vawter, G.A. 93226
Klem, J.F. *see* Zolper, J.C. 71727
Kleman, K.J. A new 50 MHz RF cavity for Aladdin 67106
Kleman, K.J. Improved RF system for Aladdin 67176
Kleman, K.J. *see* Bissen, M. 87752
Klemas, A. *see* Christensen, D.A. 76016
Klemens, F. *see* Manchanda, L. 93617
Klemens, F.P. *see* Blayo, N. 71320
Klementyev, V.M. *see* Bagayev, S.N. 86882
Klemer, D. *see* Wu, K. 80772
Klemets, A., Maguire, G.Q., Reichert, F., Smith, M.T. MINT—a mobile Internet router 97111
Klemin, S.N. *see* Zhdan, A.G. 98257
Klemm, R. Effect of multiple-time-around clutter on an adaptive space-borne MTI radar 52625
Klemm, R. Influence of errors in antenna arrays for airborne and spaceborne MTI radar 58484
Klemm, R.A., Wollman, D.A., Van Harlingen, D.J., Leggett, A.J. Comment on "Experimental determination of the superconducting pairing state in YBCO from the phase coherence of YBCO-Pb DC SQUIDs" 82394
Klemmer, T. *see* Zhang, B. 72013
Klempner, G. *see* Morjaria, M. 68356
Klempner, G.S. *see* Campbell, S.R. 78540
Klempner, G.S. *see* Longtin, K. 89788
Klenk, M. *see* Cebulla, U. 65812
Klenk, M. *see* Haisch, H. 86520
Klenk, M. *see* Zielinski, E. 56434
Klenk, R., Walter, T., Schmid, D., Schock, H.W. Growth mechanisms and diffusion in multinary and multilayer chalcopyrite thin films 61354
Klenk, R., Walter, T., Schock, H.-W., Cahen, D. Physical vapor deposition of $CuInX_2$ (X=S,Se) thin films: a model for the growth mechanism 79919
Klenk, R. *see* Menner, R. 62206
Klensch, R.J. *see* Reitmeier, G.A. 97660
Klepac, V. *see* Matanic, I. 98113
Klepatsky, V.E. *see* Nikulin, A.D. 82326
Klepeis, S. *see* Anderson, R.M. 81407
Klepper, O. *see* Franzke, B. 76402
Klepser, B.-U.H., Bergamaschi, C., Patrick, W., Beck, M. Comparison and optimisation of different ohmic contact metallisations for InP-HEMT structures with doped and undoped caplayers 56020
Klerk, E.de *see* de Klerk, E.
Kleshchenko, V.N. *see* Komarov, S.A. 67781
Kleshnina, O.A. *see* Krivolutskaya, N.V. 72262
Klesser, D.E. *see* McIntyre, E.H. 69233
Kletsel, M.Ya., Musin, V.V., Alishev, Zh.R., Manukovskii, A.V. The properties of hermetically sealed Reed relays used in relay protection 78224
Kletsel', M.Ya., Nikitin, K.I. Back-up line protection that responds to the difference of phase current moduli and their increments 78198
Klett, A. *see* Hamann, N.H. 67312
Klette, R., Rodehorst, V. Algorithms for shape from shading, lighting direction and motion 95692
Kletzli, D.W., Jr. *see* Sheen, D.R. 59597
Klevtsov, A.V. *see* Arakelyan, E.K. 99958
Klevtsov, Yu.A. *see* Dontsova, V.V. 56302
Klewitz-Hommelsen, S. Data protection and office communication systems in public administration 85615
Kley, E.-B. *see* Meyer, H.-G. 56256
Kley, E.B. *see* Gotz, M. 63322
Kley, E.Bernhard *see* Bernhard Kley, E.
Kley, E.R.Van *see* Van Kley, E.R.
Kley, M. *see* Glaser, U. 92142
Kleyev, A.I., Manenkov, A.B., Rozhnev, A.G. Numerical methods of calculating dielectric waveguides (or fiber lightguides). Universal methods—a review 83769
Kleyn, A.W. *see* Heeren, R.M.A. 59052
Klier, E., Nedbal, J. Piezoelectric resonators of InP:Fe 71893
Klier, J. Signal Generator SMY: the signal source within everybody's means 52973
Klier, J. GSM propagation measurements with Signal Generator SME 87342
Kliese, R. *see* Wurm, K. 81500
Klifa, C., Sauer, K. Bayesian 3-D tomographic reconstruction from limited numbers of radiographs 59309
Klifa, C., Sauer, K. A Bayesian segmentation approach to 3-D tomographic reconstruction from few radiographs 80012
Klik Ivo *see* Ivo Klik
Klima, O. *see* Hlinomaz, P. 62143
Klimachev, Yu.M. *see* Afanas'ev, L.A. 73087
Klimachov, K.G. *see* Andreyevskaya, M.Ye. 57211
Klimant, I. *see* Del Bianco, A. 58899
Klimashov, A. *see* Asche, M. 62287
Klimashov, A. *see* Danilchenko, B. 92937
Klimeck, G., Lake, R., Datta, S., Bryant, G.W. Elastic and inelastic scattering in quantum dots in the Coulomb-blockade regime 93018
Klimek, D.E., Mandl, A.E., Willman, B. Dye laser studies using zig-zag optical cavity 72714
Klimek, G. *see* Boyer, L. 61987
Klimenko, A. *see* Saenz, C. 59159
Klimenko, A.A. *see* Avignone, F.T. 67288
Klimenko, A.A. *see* Sagdeev, I.R. 59153
Klimenko, E.Yu. *see* Kozlenkova, N.I. 82328
Klimenko, S.G. *see* Aulchenko, V.M. 67341
Klimenko, V.I. *see* Bulanyi, M.F. 71112
Klimenko, V.V. The power industry and the end of the present interglacial 89079
Klimenok, V.I. Optimization of input load limiting strategy in a node of computer network 74946
Kliment'ev, S.I. *see* Gorlanov, A.V. 72967
Klimov, A.I. *see* Belolaptikov, I.A. 59156
Klimov, Yu.A. *see* Maslovskii, V.M. 71239
Klimova, T.G. *see* Morozkin, V.P. 78578
Klimovskii, I. *see* Galkin, A. 94348
Klimovskii, I.I. *see* Gerasimov, Yu.V. 63642
Klimovskii, I.I. *see* Kalinin, S.V. 94354
Klimovskii, I.I. *see* Kel'man, V.A. 63641
Klimushin, S.I. *see* Belolaptikov, I.A. 59156
Klin, V.P. *see* Il'yashenko, E.I. 72124
Kline, D.B. *see* Williams, S.M. 78553
Kline, M. Taking TQM/SPC to the next level 91098
Kline, P.J. *see* Fargher, H.E. 62349
Kline, R.A. Ultrasonic computed tomography for anisotropic materials characterization 99366
Kline, R.A., Wang, Y.Q., Mignogna, R.B., Delsanto, P.O. A finite difference approach to acoustic tomography in anisotropic media 91656
Kline, R.A. *see* Wang, Y.Q. 59619
Kline, W. World War II: a watershed in electrical engineering education 54381
Kling, A., Kollewe, D., Mateika, D. Scintillation properties of cerium-doped gadolinium-scandium-aluminum garnets 67355
Klinga, T. *see* Varga, D. 56812
Klingbeil, H., Heinrich, W. Calculation of CPW AC resistance and inductance using a quasi-static mode-matching approach 73417
Klingelhofer, C. *see* Kostka, A. 81418
Klingenberg, G., Legras, J.C. Bilateral comparative pressure measurements of the LNE and the PTB using 10 cm^2 piston-cylinder assemblies 66734
Klingenberg, H.H. *see* Greiner, U.J. 56672
Klingenberg, H.H. *see* Greiner, U.J. 82978
Klingenberg, H.H. *see* Walker, D.R. 72748
Klingenberg, R. *see* Borer, K. 76790
Klinger, C. Analysis and improvement of vibration response and thus fatigue strength of technical

systems by way of example of array antennas 51274
Klinger, D. *see* Wolf, E. 81185
Klinger, H. Electricity economy in transition 68042
Klinger, J. *see* Jacquet, L. 89602
Klinger, M.I., Taraskin, S.N. Theory of electron transport in negative-U systems 92974
Klingert, R. *see* Wachter, A. 52392
Klingsheim, K. *see* Aas, E.J. 54554
Klingsheim, O. *see* Christiansen, J. 76838
Klingsheim, O. *see* Ljuslin, C. 88224
Klingsheim, O. *see* Ljuslin, C. 98700
Klingshirn, C. *see* Burak, D. 50951
Klingshirn, C. *see* Giessen, H. 73014
Klingshirn, C. *see* Grun, M. 69947
Klingshirn, C. *see* Grun, M. 69994
Klink, F.W., Owens, J.G. Performance fluids for critical cleaning and drying applications 81019
Klinke, R. *see* Hosticka, B.J. 61467
Klinke, R. *see* Streil, T. 58691
Klinken, J.Van *see* Van Klinken, J.
Klinkenbusch, I. Rigorous field analysis of a spherical shield by using the multipole technique 73363
Klinkert, A. *see* Gangi, A. 76925
Klinner, M.A., Oehler, A.M. Copper-based NRZI-FDDI over shielded UTP-cabling: advantages and requirements 52302
Klir, G.J. *see* Brown, J.D. 52761
Klishchenko, A.P. *see* Burov, L.I. 56645
Klisnick, A. *see* Jamelot, G. 50729
Klisnick, A. *see* Rus, B. 50724
Klitzing, K.Von *see* Von Klitzing, K.
Klix, W. *see* Graetz, T. 80069
Klix, W. *see* Stenzel, R. 55854
Kljajic, M. *see* Rozman, J. 59416
Klobucar, T. *see* Jerman-Blazic, B. 83983
Klobucar, V. *see* Zdenkovic, J. 69061
Klobuchar, J.A., Basu, S., Doherty, P.H. Potential limitations in making absolute ionospheric measurements using dual frequency radio waves from GPS satellites 73329
Klobuchar, J.A. *see* Odom, D.B. 65913
Klockau, J. *see* Hahn, R. 56237
Klockenbrink, R., Peiner, E., Wehmann, H.-H., Schlachetzki, A. Wet chemical etching of alignment V-grooves in (100) InP through titanium or $In_{0.53}Ga_{0.47}As$ masks 62480
Klockenbrink, R., Wehmann, H.-H., Schlachetzki, A. Improved thermal stability of $In_{0.53}Ga_{0.47}As$ metal-semiconductor-metal photodetectors with Al_2O_3 interfacial layer 98000
Klockenbrink, R. *see* Bakin, A. 91457
Klockow, D. *see* Fahnenbrock, S. 66550
Klockow, D. *see* Hill, W. 58798
Klodas, J. *see* Jezierska, E. 72180
Kloeppel, P.K. *see* Hofler, A.S. 76486
Kloeser, J. *see* Zakel, E. 81119
Kloidt, A. *see* Schmiedeskamp, B. 56504
Kloidt, M. *see* Henrich, A. 85932
Klonz, M. Current developments in accurate AC-DC transfer measurements 86885
Klonz, M., Bergeest, R., Caizergues, A., Fraisse, D., Winther, C.A.D., Pogliano, U., Cabiati, F., Bosco, G.C., Zago, G., Dessens, J.T., de Vreede, J.P.M., Rydler, K.-E., Nilsson, H. BCR intercomparison of ac-dc current transfer standards 86898
Klonz, M. *see* Katzmann, F.L. 90463
Klonz, M. *see* Sasaki, H. 87106
Kloos, C.D. *see* Breuer, P.T. 49094
Kloos, M. *see* Glaeser, H. 89486
Klopenkov, M.L. *see* Verbitskaya, E.M. 58995
Klopfenstein, L.R., Jr. Software linearization techniques for thermocouples, thermistors, and RTDs 87582
Klopper, S., Ferreira, J.A. A sensor for balancing flux in converters with a high frequency transformer link 61514
Klopper, W., Bagrova, K., du Pisanie, J., Ronander, E., Meyer, J.A., von Bergmann, H.M. Short-cavity high-repetition-rate CO_2 laser 94321
Klopstein, B. Aqueous cleaning system conversion 81073
Klos, A. Parallel solution of physical systems using process of homeostasis 53660
Klos, F. *see* Langenbeck, B. 76856
Klos, F. *see* Moritz, G. 72271
Klose, H. *see* Bertagnolli, E. 71612
Klose, H. *see* Kerber, M. 63037
Klose, H. *see* Meister, T.F. 62964
Klose, H. *see* Wurzer, H. 49965
Klose, M. *see* Dittrich, H. 100665
Klosinski, R. *see* Siwczynski, M. 55106
Klosko, S.M. *see* Nerem, R.S. 99255
Klosowicz, S. *see* Wolinski, T.R. 76255
Klosowicz, S.J. *see* Zmija, J. 50594
Kloss, A. Convertor with cable connections 54071
Kloss, A. Power rectifiers under zero current conditions 90186
Kloss, T. *see* Oswald, R. 90428
Kloster, K. *see* Shuchman, R.A. 77432
Klotins, E. *see* Alekseev, V. 83200
Klotins, E. *see* Sternberg, A. 56100
Klottschen, F. *see* Kunsler, W. 96760
Klouche-Djedid, A. On the synthesis of the generalized cascaded lossless bounded real (LBR) digital filter structures 49546
Klouche-Djedid, A. On the lossless II-cascade synthesis of a bounded complex digital filter 80488
Klouche-Djedid, A. Factored state space derivation of low sensitivity digital filter structures 80489
Kloul, L. *see* Fourneau, J.-M. 74670
Klove, T. The weight distribution of cosets 73728
Klovsky, D., Periyalwar, S.S., Fleisher, S. Comments on multi-carrier and single-carrier digital modulation in a multipath radio channel 97164
Kluepfel, H.M. Securing a global village and its resources 85453
Kluge, H.-J. *see* Carlberg, C. 88261
Kluge, H.-J. *see* Dasgupta, K. 72712
Kluge, W. *see* Streil, T. 58691
Klugerman, M. *see* de Rochemont, L.P. 63279
Klugmann, E., Daroczi, C.S., Kollar, P. Influence of ion implantation on magnetic properties of crystalline nickel and amorphous Fe-B ribbons 71944
Kluit, P.M. *see* von Apeldoorn, G. 88116
Kluizenaar, F.A. *see* van den Berg, G.V.J. 75154
Klukas, R. *see* Lachapelle, G. 65726
Klumperink, E.A.M., Mensink, C.H.J., Stroet, P.M. Low-voltage CMOS transductance cell based on parallel operation of triode and saturation transconductors 93650
Klumpp, A., Schaber, U., Offereins, H.L., Kuhl, K., Sandmaier, H. Amorphous silicon carbide and its application in silicon micromachining 54961
Klumpyan, J.P., Biss, D. Evaluation of duct failures on gas fired turbine combined cycle units 89696
Klund, P. *see* Bossert, M. 52378
Klusendorf, E.E. *see* Han-Sheng Lee 66263
Klushin, A.M. *see* Bochanov, A.F. 86842
Klussmann, N. *see* Abramovici, M. 96550
Klussmann, S. *see* Knobloch, J. 100470
Kluszczynski, K., Malicki, P. Mathematical model of squirrel-cage motor with additional ring in rotor 89924
Klutke, G.-A. *see* Barker, R.W. 58626
Klutke, G.-A. *see* Wortman, M.A. 91088
Kluttz, D.E. *see* Edmonds, R.F., Jr. 78464
Klymenko, V., Verona, R.W., Beasley, H.H., Martin, J.S. Convergent and divergent viewing affect luning, visual thresholds and field-of-view fragmentation in partial binocular overlap helmet mounted displays 66627
Klymenko, V. *see* Verona, R.W. 66628
Klyuchnikov, A.D. Intensive energy conservation: prerequisites, methods, consequences 100789
Klyuenkov, E.B. *see* Belov, R.K. 82515
Klyuenkov, V.M., Baranov, I.A., Meshcheryakov, A.V. Low-frequency noise in barrier-gate FET 3P326 80676
Klyuev, M.S. *see* Volovov, V.I. 75659
Klyuev, V.A., Sakov, D.M., Toporov, Yu.P. Emission activity of insulators after the action of an electrical discharge 82109
Knaell, K. Three-dimensional SAR from curvilinear apertures 75564
Knafl, U. *see* Mulhauser, E. 64218
Knagenhjelm, P. How good is your index assignment? 84060
Knall, J., Romano, L.T., Biegelsen, D.K., Bringans, R.D., Chui, H.C., Harris, J.S., Jr., Treat, D.W., Bour, D.P. The use of graded InGaAs layers and patterned substrates to remove threading dislocations from GaAs on Si 81300
Knapen, G. *see* Van Ginderdeuren, J. 75781
Knapman, J., Dickson, W. Hierarchical probabilistic image segmentation 76958
Knapp, B.C. *see* Christian, D.C. 59094
Knapp, B.J. *see* Bogy, D.B. 72137
Knapp, D.E. *see* Alzayed, N.S. 75906
Knapp, D.E. *see* Fan, C.-X. 70196
Knapp, H. *see* Weger, P. 75301
Knapp, J. *see* Engler, J. 67334
Knapp, K.E. Yield issues in $CuInSe_2$-based module processing 90410
Knapp, K.E., Eberspacher, C., Tarrant, D., Pollock, G. Manufacturing of low-cost high-efficiency thin-film $CuInSe_2$ photovoltaic modules 100706
Knapp, M.S. *see* Lenoe, E.M. 88551
Knapp, R.H. *see* Patil, D. 96958
Knapp, R.W., Anderson, N.L. Digital hum filtering 67752
Knapp, R.W., Ehlers, K., Tiren, I. Licensing procedures for nuclear plants: prerequisites for safe operation 60048
Knapp, S.M., Malocha, D.C. A time domain diffraction analysis for SAW transducers 99322
Knappe, R. *see* Beier, B. 56670
Knappe, S. *see* Ludwig, F. 56252
Knauer, S. *see* Gabara, T. 54526
Knaupp, W., Schafer, I. Solar powered airship—challenge and chance 99117
Knauss, L.A., Wang, X.M., Toulouse, J. Ultrasonic study of mixed ferroelectrics in a DC bias field 93741
Knebel, P., Arnold, B., Bass, M., Kever, W., Lamb, J.D., Lee, R.B., Perez, P.L., Undy, S., Walker, W. HP's PA7100LC: a low-cost superscalar PA-RISC processor 70592
Knecht, B.A., Fraser, R.D., Wheeler, D.J., Zietkiewicz, C.J., Mikheev, L.D., Zuev, V.S., Eden, J.G. Design, construction, and performance of a surface discharge-pumped laser 82908
Knee, M. *see* Bolender, N. 97543
Kneer, E.A. *see* Teowee, G. 56133
Kneip, J., Ronner, K., Pirsch, P. A data path array with shared memory as core of a high performance DSP 80392
Kneisel, P., Rao, M.G. Performance of a CEBAF production cavity after high-temperature heat treatment 67107
Kneisel, P. *see* Mammosser, J. 67113
Kneisel, P. *see* Powers, T. 67125
Kneisel, P. *see* Rao, M.G. 87931
Kneisel, P. *see* Reece, C. 67127
Kneisel, P. *see* Susta, J. 67141
Kneissl, M., Kiesel, P., Riel, P., Reingruber, K., Gulden, K.H., Dankowski, S.U., Greger, E., Hofler, A., Knupfer, B., Dohler, G.H., Wu, X.X., Smith, J.S. Demonstration of extremely low switching energies using new n-i-p-i based smart pixels 94300
Knell, G. *see* Franzka, S. 71254
Knepp, D.L., Mokole, E.L. Space-based radar coherent integration loss 65912
Knepprath, V.E. *see* Levine, J.D. 100637
Kneschke, T., Hong, J.P., Naqvi, W. Load flow study and conceptual system design of SEPTA's regional rail division traction power system 54218
Kneser, R., Steinbiss, V. On the dynamic adaptation of stochastic language models 84097
Kneshke, T.A. *see* Natarajan, R. 69142
Kneubuhl, F.K. *see* Knittel, J. 50905
Kneubuhl, F.K. *see* Schotzau, H.J. 54121
Kneubuhl, F.K. *see* Wilke, I. 52857
Knewtson, M. *see* Wang, R. 89878
Kniep, U. *see* Albat, H. 100904
Knieps, G. *see* Blankart, C.B. 65117
Knight, A.D. *see* Brodsky, W.L. 92673
Knight, A.D. *see* Chapin, F.W. 92669
Knight, D. *see* Owens, P.C.M. 94272
Knight, D.G. *see* Tarof, L.E. 72602
Knight, D.G. *see* Yu, J. 56546
Knight, D.G. *see* Yu, J. 72603
Knight, D.J.E. Laser frequency standards in the near infrared, coinciding with the optical fiber transmission bands 72986
Knight, G. *see* Chunmeng Wu 56757
Knight, G. *see* Handschin, E. 78011
Knight, G. *see* Ivey, D.G. 55657
Knight, G. *see* Ping Jian 93262
Knight, G.M. A new architecture for telecommunications networks—the Stable Mesh 65127
Knight, J. *see* Singh, R. 55221
Knight, J.A.G. *see* Abdalla, H.S. 54464
Knight, J.C., Driver, H.S.T., Robertson, G.N. Measurement of capillary core size and taper using whispering-gallery-mode laser emission 94055
Knight, J.C., Driver, H.S.T., Robertson, G.N. Morphology-dependent resonances in a cylindrical dye microlaser: mode assignments, cavity Q values, and critical dye concentrations 94370
Knight, J.P. *see* San Martin, R. 56062
Knight, L.V. *see* Karain, W.I. 92882
Knight, P. *see* Wang, J.C.B. 83671
Knight, P.C. *see* Bell, J.M. 82150
Knight, P.L. *see* Moya-Cessa, H. 82884
Knight, R.T. *see* Ma, C.-M. 88617
Knight, R.T. *see* Taheri, B.A. 88506
Knight, S. *see* Sturtevant, J. 71515
Knight, S.C. *see* Bateman, J.E. 88083
Knight, T., Wu, H.M. A method for skew-free distribution of digital signals using matched variable delay lines 70450
Knight, T., Zilouchian, A., Szabo, B. Design and implementation of position feedback controllers for an X-Y table 90047
Knight, T., Jr. *see* Saltzman, D. 48685
Knight, T.F., Jr. *see* DeHon, A. 52134
Knight, U.G., Short, M.J., Indjic, D., Ho, S. An expert system for security and economic monitoring 60014
Knightly, D. *see* Chen, W.L. 62717
Knightly, E.W. *see* Zhang, H. 85858
Knights, M.G. *see* Marquardt, C.L. 56883
Knill, E. Families of sets with locally bounded width 79612
Knisley, J.R. Testing optical fiber for attenuation 50481
Knisley, J.R. Telecom reliability is key at banking data center 52296
Knisley, J.R. Practical guide to HID lighting systems. II 90637
Knisley, J.R. Practical guide to HID lighting—Part 1 100920
Knittel, J., Scherrer, D.P., Kneubuhl, F.K. Plasma-shutter for far-infrared laser radiation 50905
Kniveton, M.W. Field experience of testing VRLA batteries by measuring conductance 60419
Knize, R.J. *see* Biaggio, I. 95738
Knizhnerman, L. *see* Druskin, V. 69873
Knizhnerman, L. *see* Druskin, V. 83421
Knobel, M. *see* Allia, P. 72004
Knobel, M. *see* Sinnecker, J.P. 76171
Knoben, M.H.M. *see* Botman, J.I.M. 50884
Knobloch, H. *see* Fichou, D. 72281
Knobloch, H. *see* Sekkat, Z. 82747
Knobloch, J., Noel, A., Schaffer, E., Schubert, U., Kamerewerd, F.J., Klussmann, S., Wettling, W. High-efficiency solar cells from FZ, CZ and MC silicon material 100470

Knobloch, J. *see* Graber, J. 67094
Knockel, H. *see* Kremser, S. 83076
Knoesen, A. *see* Garabedian, R. 66248
Knoesen, A. *see* Hill, R.A. 82729
Knoesen, A. *see* Yankelevich, D.R. 50581
Knoke, G.S. *see* Coon, M.D. 88823
Knoke, S. *see* Golla, D. 56671
Knol, G. *see* O'Connor, D. 88217
Knoll, A. *see* Fauth, A. 70617
Knoll, A. *see* Freericks, M. 70609
Knoll, D. *see* Kissinger, G. 81845
Knoll, G.F. *see* DeVol, T.A. 87989
Knoll, G.F. *see* DeVol, T.A. 98624
Knoll, G.F. *see* Guru, S.V. 88325
Knoll, G.F. *see* Jordanov, V. 61777
Knoll, G.F. *see* Jordanov, V.T. 59210
Knoll, G.F. *see* Jordanov, V.T. 98672
Knoll, G.F. *see* McGregor, D.S. 71106
Knoll, G.F. *see* Martin, J.B. 88270
Knoll, G.F. *see* Martin, J.B. 88329
Knoll, G.F. *see* Martin, J.B. 98585
Knoll, L. *see* Berger, M. 63619
Knoll, M., Cammann, K., Dumschat, C., Borchardt, M., Hogg, G. Microfibre matrix-supported ion-selective PVC membranes 66260
Knoll, M., Cammann, K., Dumschat, C., Eshold, J., Sundermeier, C. Micromachined ion-selective electrodes with polymer matrix membranes 97894
Knoll, M., Cammann, K., Dumschat, C., Sundermeier, C., Eshold, J. Potentiometric silicon microsensor for nitrate and ammonium 58667
Knoll, M. *see* Hermes, T. 98154
Knoll, M. *see* Williams, D. 88671
Knoll, R.W. *see* Theil, J.A. 91620
Knoll, W. *see* Jae-Suk Lee 71016
Knoll, W. *see* Sekkat, Z. 82747
Knoller, P.-M. *see* de Campos Cruz, L.J. 59848
Knoopers, H.G., Krooshoop, H.J.G., ten Kate, H.H.J., Pieterman, K., Dam, J.A.M. The superconducting extraction magnet system EMC2 for the AGOR cyclotron 87776
Knoopers, H.G., ten Kate, H.H.J., Zeyen, C.M.E. Superconducting spin precession magnets for a new neutron spectrometer 94011
Knoopers, H.G. *see* Nijhuis, A. 93914
Knop, A. *see* Markwitz, A. 55534
Knop, A. *see* Markwitz, A. 93073
Knop, C.M., Libelo, L.F. Achievement of pencil-beam radiation from a TM_{01} mode circular waveguide source 73505
Knop, W., Harder, C., Bachtold, W. Compound cavity gain of tandem-electrode multiple-quantum-well AlGaAs laser diodes 50828
Knop, W. *see* Hunziker, G. 94465
Knopf, G.K., Gupta, M.M. Fuzzy uncertainty measures in image processing 64796
Knopfle, G., Bosshard, C., Schlesser, R., Gunter, P. Optical, nonlinear optical, and electrooptical properties of 4'-nitrobenzylidene-3-acetamino-4-methoxyaniline (MNBA) crystals 73027
Knopfle, K.T. *see* Fallot-Burghardt, W. 88244
Knopfle, K.T. *see* Michel, E. 88029
Knopfmacher, J. Enumerating non-equivalent matrices over principal ideal domains 91361
Knopp, J. *see* Soutar, C. 56441
Knor, M. Note on linear arboricity 91249
Knorr, A. *see* Indik, R. 63856
Knorr, D.B. *see* Tracy, D.P. 81574
Knothe, P.H. *see* Grobbelaar, G.B. 78393
Knott, J. *see* Baglin, V. 76380
Knott, M. *see* McDowell, W. 76334
Knotts, T.A., Chu, D., Sommer, J. A 500 MHz time digitizer IC with 15.625 ps resolution 92324
Knowles, E. *see* Gabella, P. 60929
Knowles, E.A. *see* Burns, M.B. 79454
Knowles, G. *see* Qian, T.W.T. 97789
Knowles, M.R.H., Foster-Turner, R., Kearsley, A.J. Copper lasers go for industrial gold 82928
Knox, A. *see* Cho, Y. 87949
Knox, F.M., Forysiak, W., Dorna, N.J. The potential of solitons for 10 Gbit/s communications in standard fibre systems 65806
Knox, F.M. *see* Forysiak, W. 83318
Knox, F.S., III *see* Perry, C.E. 99071
Knox, K.T., Eschbach, R. Threshold modulation in error diffusion 51715
Knox, R. 1993 load factors analysed by NSSS vendor [nuclear power stations] 68405
Knox, R., Brooks, D.H. Classification of multifunction surface EMG using advanced AR model representations 67547
Knox, W.H. *see* Dykaar, D.R. 72749
Knox, W.H. *see* Dykaar, D.R. 73113
Knox-Seith, J.F. *see* Wu, X. 66917
Knuckey, M. *see* Bicker, B. 52538
Knudsen, A.K., Garrou, P.E. A cool package for the 90s 79353
Knudsen, P., Bagger, C., Mogensen, M. Combining science and practice in the Danish 'DK-SOFC' program 60438
Knudsen, S., Blotekjaer, K. An ultrasonic fiber-optic hydrophone incorporating a push-pull transducer in a Sagnac interferometer 98023
Knudson, A.R. *see* Dussault, H. 71559
Knudson, K.J., Wolf, J.K., Milstein, L.B. A concatenated decoding scheme for (1-D) partial response with matched spectral-null coding 84007
Knudson, R. *see* Sechi, F. 80865
Knuefermann, R. *see* Klaus, F. 67770
Knupfer, B. *see* Kneissl, M. 94300
Knupfer, W. Feasibility study of a channeling radiation source for applications in the X-ray region 53398
Knurek, C. *see* Novembre, A.E. 62560
Knuth, T. *see* Qiu, H. 66613
Knutson, K.L., Campbell, S.A., Dunn, F. Modeling of three-dimensional effects on temperature uniformity in rapid thermal processing of eight inch wafers 55687
Knutsson, H., Westin, C.-F. Normalized and differential convolution 96028
Knutsson, H., Westin, C.-F., Westelius, C.-J. Filtering of uncertain irregularly sampled multidimensional data 96084
Knutsson, H. *see* Calway, A.D. 84660
Knutz, O. The use of echo-measurement technology in LANs 52179
Knuutila, J. *see* Lounasmaa, O.V. 56260
Knuutila, J.E.T., Ahonen, A.I., Hamalainen, M.S., Kajola, M.J., Laine, P.P., Lounasmaa, O.V., Parkkonen, L.T., Simola, J.T.A., Tesche, C.D. A 122-channel whole-cortex SQUID system for measuring the brain's magnetic fields 53390
Knuuttila, J. *see* Lyytinen, K. 85920
Knuvers, M.P.G. *see* Hurkx, G.A.M. 93581
Kny, E. *see* Grill, R. 82347
Knyazev, B.A., Mel'nikov, P.I. Dynamics of lasing spectra of Coumarin-1 and Oxazine-17 flashlamp-pumped lasers 63682
Knyazev, S.T. *see* Bychkova, L.V. 73541
Knyazkov, A. *see* Kukhtarev, N. 73167
Ko, C.C., Li, C.P. An adaptive IIR structure for the separation, enhancement, and tracking of multiple sinusoids 92373
Ko, C.C. *see* MacAlpine, J.M.K. 58627
Ko, F.K. *see* El-Sherif, M.A. 52930
Ko, H. *see* Telfer, B.A. 74047
Ko, I. *see* Kang, H. 66835
Ko, I. *see* Namkung, W. 67002
Ko, I.S. *see* Cho, M.H. 67044
Ko, J. *see* Hayden, J.D. 63040
Ko, J. *see* Jih Wen Chou 81855
Ko, J.S., Kim, Y.J., Shin, Y.-H., Choi, S.W. Dielectric, pyroelectric and piezoelectric properties in the relaxor ferroelectric (1-x-y) $Pb(Mg_{1/3}Nb_{2/3})O_3$-$xPbTiO_3$-$yPbZrO_3$ system 56127
Ko, K. *see* Berg, W. 98454
Ko, K. *see* Hoag, H.A. 66816
Ko, K. *see* Jones, R.M. 61884
Ko, K. *see* Ng, C.-K. 66812
Ko, K. *see* Schwarz, H.D. 67134
Ko, K.H. *see* Kwon, H.M. 86300
Ko, P.K. *see* Chan, M. 93479
Ko, P.K. *see* Hsing-jen Wann 62811
Ko, P.K. *see* Hsing-Jen Wann 70496
Ko, P.K. *see* Hsing-Jen Wann 93468
Ko, P.K. *see* Huang, J.H. 62824
Ko, P.K. *see* Huang, W.M. 93629
Ko, P.K. *see* Jian Chen 62998
Ko, P.K. *see* Lee, P.M. 56077
Ko, P.K. *see* Li, C.C. 62821
Ko, P.K. *see* Li, C.C. 93410
Ko, P.K. *see* Liu, Z.H. 62825
Ko, P.K. *see* Ma, Z.J. 62775
Ko, P.K. *see* Ma, Z.J. 62784
Ko, P.K. *see* Ma, Z.J. 62785
Ko, P.K. *see* Mansun Chan 62988
Ko, P.K. *see* Minami, E.R. 63004
Ko, P.K. *see* Parke, S. 63038
Ko, P.K. *see* Quader, K.N. 49351
Ko, P.K. *see* Quader, K.N. 56076
Ko, P.K. *see* Quader, K.N. 71818
Ko, P.K. *see* Quader, K.N. 93619
Ko, P.K. *see* Zhi-Jian Ma 82074
Ko, P.K.Y., Demokan, M.S. Temperature dependence of the amplified spontaneous emission in erbium-doped fiber amplifiers 86497
Ko, P.L. *see* Qian, T.W.T. 97789
Ko, S.-J. *see* Morales, A. 64627
Ko, W.H. *see* Choe, I.Y. 49841
Ko, Y.M., Kang, W.J., Han, S.Y., Park, J.H., Kim, C.K., Ra, K.H. Design and manufacture of a dual mode waveguide filter loading on the satellite 70859
Ko Bong Fung, Andronic, C., Damerji, T., Ionescu, D. An interactive system for matching optical images 77635
Ko Bong Fung, Ionescu, D. A 2D autoregressive method for deformation evaluation in registration of remote sensing data 95828
Ko Chui Gi *see* Chui Gi Ko
Ko Chul Gi *see* Chul Gi Ko
Ko Hanseck *see* Hanseck Ko
Ko Hanseok *see* Hanseok Ko
Ko Hsien-Wen *see* Hsien-Wen Ko
Ko Hyun-Chul *see* Hyun-Chul Ko
Ko Hyung Hwa *see* Hyung Hwa Ko
Ko Jae-Woong *see* Jae-Woong Ko
Ko Jong Sun *see* Jong Sun Ko
Ko Jong-Sun *see* Jong-Sun Ko
Ko Jung Ho *see* Jung Ho Ko
Ko Kai-Li *see* Kai-Li Ko
Ko King-Tim *see* King-Tim Ko
Ko Ming-Yung *see* Ming-Yung Ko
Ko Myoung-Sam *see* Myoung-Sam Ko
Ko Ping *see* Ping Ko
Ko Ping Keung *see* Ping Keung Ko
Ko Sung Chan *see* Sung Chan Ko
Ko Tsung-Chih *see* Tsung-Chih Ko
Ko Wai *see* Wai Ko
Ko Wei-Jen *see* Wei-Jen Ko
Ko Yongtae *see* Yongtae Ko
Ko Young-Hoon *see* Young-Hoon Ko
Ko-Chih Liu *see* Lee, F.N. 78016
Ko-Min Chang *see* Sharma, U. 70620
Ko-Shung Chen *see* Nen-Fu Huang 97060
Koba, M. *see* Nojima, H. 66316
Kobashi, K. *see* Sugino, T. 70119
Kobata, W. *see* Ohtsuka, K. 60651
Kobatake, H. *see* Jin, H.-R. 67482
Kobayashi, A. *see* Grey, F. 61403
Kobayashi, A. *see* Hasegawa, Y. 68897
Kobayashi, A. *see* Ishigami, T. 52945
Kobayashi, A. *see* Iwasaki, S. 96929
Kobayashi, A. *see* Ohyama, S. 98309
Kobayashi, A. *see* Shinzawa, T. 71436
Kobayashi, A. *see* Tanaka, Y. 88627
Kobayashi, A. *see* Toyoda, M. 90296
Kobayashi, D. *see* Hirano, T. 52813
Kobayashi, E. *see* Hamaguchi, C. 62282
Kobayashi, F., Tsuboi, H., Tanaka, M., Misaki, T. The restoration of defocused image with direct processing methods 64745
Kobayashi, H. SrS-ZnS electroluminescence materials 70142
Kobayashi, H., Ceno, A., Watanabe, Y., Ishigaki, T. Clinical evaluation of ^{67}Ga gut accumulation in ^{67}Ga scintigraphy 99019
Kobayashi, H., Ekawa, M., Okazaki, N., Aoki, O., Ogita, S., Soda, H. Tapered thickness MQW waveguide BH MQW lasers 83164
Kobayashi, H., Masubuchi, H. Possibility of human scream detection by computers 95285
Kobayashi, H., Mizuno, F., Nakato, Y. Improvement in hydrogen photoevolution efficiency for platinum-deposited indium phosphide electrodes by the removal of surface states 100433
Kobayashi, H., Ura, M., Ozeki, T. Influence of insulators on R/W process in laminated film heads 50346
Kobayashi, H., Yamashita, Y., Namba, K., Nakato, Y. Direct spectroscopic evidence of bias-induced shifts of semiconductor band edges for metal-insulator-semiconductor diodes 55889
Kobayashi, H. *see* Ashida, T. 97922
Kobayashi, H. *see* Chan, S.-H.G. 96269
Kobayashi, H. *see* Daud, A. 56529
Kobayashi, H. *see* Hadidi, K. 91923
Kobayashi, H. *see* Ishida, T. 60452
Kobayashi, H. *see* Ishikawa, H. 65703
Kobayashi, H. *see* Ishikawa, H. 97489
Kobayashi, H. *see* Kitamura, A. 99988
Kobayashi, H. *see* Kojima, H. 96779
Kobayashi, H. *see* Nakama, H. 97035
Kobayashi, H. *see* Nakama, H. 97606
Kobayashi, H. *see* Ohmi, K. 63563
Kobayashi, H. *see* Ohmi, K. 63568
Kobayashi, H. *see* Ohmi, K. 70143
Kobayashi, H. *see* Ohsawa, S. 76312
Kobayashi, H. *see* Qiang Ren 96137
Kobayashi, H. *see* Rashid, E. 74770
Kobayashi, H. *see* Sasaki, S. 87741
Kobayashi, H. *see* Strefezza, M. 100817
Kobayashi, H. *see* Suwada, T. 98474
Kobayashi, H. *see* Tachikura, I. 65760
Kobayashi, H. *see* Takeuchi, N. 54920
Kobayashi, H. *see* Ura, M. 50316
Kobayashi, H. *see* Uruga, K. 60581
Kobayashi, H. *see* Watanabe, I. 75408
Kobayashi, I., Wakao, Y., Tominaga, K., Okada, M. Preparation of $SrTiO_3$ thin films by metalorganic chemical vapor deposition 79901
Kobayashi, I. *see* Miyagi, K. 94656
Kobayashi, I. *see* Sadatomi, K. 61760
Kobayashi, J.H. *see* Jackson, C.M. 49642
Kobayashi, K. On coding theorems with modified length functions 51320
Kobayashi, K. Review of research and development of $Sm_2Fe_{17}N_x$ hard magnetic material 72037
Kobayashi, K. OH-related capacitance-voltage recovery effect in metal-oxide-semiconductor capacitors passivated by ZnO-B_2O_3-P_2O_5-SiO_2 glasses. II. The effects of P_2O_5 content 93087
Kobayashi, K., Hiwa, N., Nii, K., Ikeda, T. Diagnostics for vehicle electronics—present and future 78969
Kobayashi, K., Kumagai, T., Kato, S. New group demodulator for bandlimited and bit asynchronous FDMA signals 55169
Kobayashi, K., Ohsawa, Y. An improvement method of coreline extraction making use of thinning 95737
Kobayashi, K., Sasaki, H. OH-related capacitance-voltage recovery effect in metal-oxide semiconductor capacitors passivated by ZnO-B_2O_3-P_2O_5-SiO glasses. I. The effects of MgO content 81981
Kobayashi, K., Watanabe, K., Munekata, F. Accurate navigation via sensor fusion of differential GPS and rate-gyro 97496
Kobayashi, K. *see* Aoki, Y. 80728
Kobayashi, K. *see* Fujita, M. 97680
Kobayashi, K. *see* Gomyo, A. 61309
Kobayashi, K. *see* Hirabayashi, Y. 66339
Kobayashi, K. *see* Kanno, I. 88088

Kobayashi, K. *see* Koshikawa, S. 83755
Kobayashi, K. *see* Koshikawa, S. 97399
Kobayashi, K. *see* Kuwano, N. 70016
Kobayashi, K. *see* Matsuzawa, H. 63330
Kobayashi, K. *see* Niwa, T. 63087
Kobayashi, K. *see* Uchida, T. 93097
Kobayashi, K. *see* Wakejima, A. 54847
Kobayashi, K. *see* Yoshida, T. 68507
Kobayashi, K. *see* Yoshinari, J. 72093
Kobayashi, K.W., Esfandiari, R., Nelson, B., Minot, K., Jones, W., Biendenbender, M., Lai, R., Tan, K.L., Berenz, J.B. A monolithic HEMT regulated self-biased LNA 80794
Kobayashi, K.W., Esfandiari, R., Oki, A.K. A novel HBT distributed amplifier design topology based on attenuation compensation techniques 80822
Kobayashi, K.W., Esfandiari, R., Oki, A.K. A novel HBT distributed amplifier design topology based on attenuation compensation techniques 92608
Kobayashi, K.W., Ip, K.T., Oki, A.K., Umemoto, D.K., Claxton, S., Pope, M., Wiltz, J. GaAs HBT 0.75-5 GHz multifunctional microwave-analog variable gain amplifier 92561
Kobayashi, K.W., Kasody, R., Oki, A.K., Dow, S., Allen, B., Streit, D.C. K-band double-balanced mixer using GaAs HBT THz Schottky diodes 80700
Kobayashi, K.W., Kasody, R., Oki, A.K., Dow, S., Allen, B., Streit, D.C. K-band double-balanced mixer using GaAs HBT THz Schottky diodes 92588
Kobayashi, K.W., Lai, R., Ng, G.I., Tan, K.L., Esfandiari, R., Streit, D.C., Berenz, J.B. A novel compact monolithic active regulated self-biased InP HEMT amplifier 80734
Kobayashi, K.W., Oki, A.K. A novel heterojunction bipolar transistor VCO using an active tunable inductance 80733
Kobayashi, K.W., Oki, A.K. A low-noise baseband 5-GHz direct-coupled HBT amplifier with common-base active input match 92625
Kobayashi, K.W., Oki, A.K., Tran, L.T., Umemoto, D.K., Streit, D.C. 5 mW GaAs HBT low power consumption X-band amplifier 80762
Kobayashi, K.W., Oki, A.K., Tran, L.T., Umemoto, D.K., Streit, D.C. 5 mW GaAs HBT low power consumption X-band amplifier 80815
Kobayashi, K.W., Oki, A.K., Tran, L.T., Velebir, J.R., Streit, D.C. A novel heterojunction bipolar transistor active feedback design 55434
Kobayashi, K.W., Oki, A.K., Umemoto, D.K., Claxton, S.K.Z., Streit, D.C. Monolithic GaAs HBT p-i-n diode variable gain amplifiers, attenuators, and switches 49658
Kobayashi, K.W., Tran, L.T., Bui, S., Oki, A.K., Streit, D.C., Rosen, M. InAlAs/InGaAs HBT X-band double-balanced upconverter 92560
Kobayashi, K.W. *see* Umemoto, D.K. 92623
Kobayashi, M., Hong, S., Nogiwa, T. Speed sensor-less soft start-up and soft stopping of squirrel cage induction motor by stator voltage control 89988
Kobayashi, M., Ishii, M., Usuki, Y., Yahagi, H. Cadmium tungstate scintillators with excellent radiation hardness and low background 98519
Kobayashi, M., Kato, K. Hybrid optical integration technology 72425
Kobayashi, M., Nakamura, G. On 4-semiregular 1-factorizations of complete graphs and complete bipartite graphs 48800
Kobayashi, M., Nemoto, Y. Analysis of pulse dispersion distortion along exponential and Chebyshev microstrip tapers 64198
Kobayashi, M., Takaishi, K. Normalized longitudinal current distributions on microstrip lines with finite strip thickness 64201
Kobayashi, M., Tosaka, H., Nagatake, T., Yoshida, T., Yoshikawa, A. Helium gas mixing in nitrogen plasma for the control of the acceptor concentration in p-ZnSe 70018
Kobayashi, M., Usa, M., Inaba, H. Highly sensitive detection and spectral analysis of ultraweak photon emission from living samples of human origin for the measurement of biomedical information 76905
Kobayashi, M. *see* Akune, H. 58565
Kobayashi, M. *see* Ishii, H. 65453
Kobayashi, M. *see* Ishii, H. 96833
Kobayashi, M. *see* Kirimura, H. 79946
Kobayashi, M. *see* Kuroi, T. 71668
Kobayashi, M. *see* Mikami, Y. 53000
Kobayashi, M. *see* Miura, T. 87456
Kobayashi, M. *see* Mizuno, A. 68936
Kobayashi, M. *see* Motoyama, Y. 97188
Kobayashi, M. *see* Nakamura, H. 98229
Kobayashi, M. *see* Nakatsu, E. 75758
Kobayashi, M. *see* Shimomura, K. 81679
Kobayashi, M. *see* Tachikawa, K. 93912
Kobayashi, M. *see* Uno, Y. 96427
Kobayashi, M. *see* Wakizaka, S. 91022
Kobayashi, M. *see* Yoshioka, K. 100566
Kobayashi, N., Saito, H. Halftone algorithm using genetic algorithm 74530
Kobayashi, N., Saito, H., Nakajima, M. Fast adaptive contrast enhancement method for the display of gray-tone images 51610
Kobayashi, N. *see* Hisamoto, D. 55988
Kobayashi, N. *see* Hisamoto, D. 62844
Kobayashi, N. *see* Kikkawa, S. 64250
Kobayashi, N. *see* Kobayashi, Y. 61250
Kobayashi, N. *see* Miyachi, T. 87176
Kobayashi, N. *see* Miyachi, T. 87177
Kobayashi, N. *see* Tachikura, M. 75163
Kobayashi, N. *see* Tsukamoto, H. 61755
Kobayashi, N. *see* Yamazaki, G. 96621
Kobayashi, O. *see* Arai, A. 72173
Kobayashi, R. *see* Kuwabara, N. 94863
Kobayashi, R. *see* Mishima, N. 71916
Kobayashi, S., Awaya, I., Kuromaru, H. Dynamic model based auto-tuning digital servo driver 90518
Kobayashi, S., Nakai, H., Kunori, Y., Nakayama, T., Miyawaki, Y., Terada, Y., Onoda, H., Ajika, N., Hatanaka, M., Miyoshi, H., Yoshihara, T. Memory array architecture and decoding scheme for 3 V only sector erasable DINOR flash memory 49425
Kobayashi, S., Nakai, H., Kunori, Y., Nakayama, T., Miyawaki, Y., Terada, Y., Onoda, H., Ajika, N., Hatanaka, M., Miyoshi, H., Yoshihara, T. Memory array architecture and decoding scheme for 3 V only sector erasable DINOR flash memory 70561
Kobayashi, S., Saito, Y., Nagai, Y., Yamamoto, Y. Breakdown characteristics of oxygen-free copper electrodes in ultrahigh vacuum 92855
Kobayashi, S., Tsukasa, F., Takada, Y., Nawata, Y. KE731A/W automatic combination weigher 98324
Kobayashi, S. *see* Kaneko, F. 62031
Kobayashi, S. *see* Maeda, K. 72505
Kobayashi, S. *see* Maruyama, S. 63057
Kobayashi, S. *see* Matsuo, M. 92259
Kobayashi, S. *see* Miura, A. 61915
Kobayashi, S. *see* Miura, A. 62711
Kobayashi, S. *see* Nishikawa, M. 63498
Kobayashi, S. *see* Nishikawa, M. 72484
Kobayashi, S. *see* Nishikawa, M. 87362
Kobayashi, S. *see* Ohsugi, T. 59069
Kobayashi, S. *see* Onoda, H. 61726
Kobayashi, S. *see* Onoda, H. 92203
Kobayashi, S. *see* Saito, Y. 93696
Kobayashi, S. *see* Takahashi, Y. 51024
Kobayashi, S. *see* Unno, Y. 98558
Kobayashi, S. *see* Yamamura, M. 91326
Kobayashi, T. Harmonics suppressor and technical trends 68862
Kobayashi, T. On the way to personal communications. PHS field trial in Sapporo 85562
Kobayashi, T. A study of high-temperature superconducting field-effect transistors 93961
Kobayashi, T., Ariki, T., Iwabuchi, M., Maki, T., Shikama, S., Suzuki, S. Analytical studies on multiple delta doping in diamond thin films for efficient hole excitation and conductivity enhancement 81429
Kobayashi, T., Ida, M., Kurishima, K. Effects of susceptor rotation speed and total flow rate on selectivity in metalorganic chemical vapor deposition growth techniques 61387
Kobayashi, T., Koguchi, M., Lijima, S., Ohkura, H., Wada, Y. Nucleation of in situ phosphorus-doped amorphous silicon films deposited by pyrolysis of Si_2H_6 and PH_3 54941
Kobayashi, T., Kurishima, K., Ishibashi, T. Beryllium-doped InGaAs grown by low-pressure metalorganic chemical vapor deposition 91458
Kobayashi, T., Miyazaki, T., Hoshino, T. Behavioral synthesis for control circuits using protocol specification language 55038
Kobayashi, T., Moridera, D., Fukui, S., Komai, K. Verification of an advanced power system restoration support system using an operator training simulator 53633
Kobayashi, T., Moridera, D., Fukui, S., Komai, K. Verification of an advanced power system restoration support system using an operator training simulator 77943
Kobayashi, T., Nojima, T. Estimation of electric field intensity in the Fresnel region of colinear array antennas 95038
Kobayashi, T., Numagami, Y., Nakamura, O., Minami, T. Automatic defect inspection algorithm for characters printed on chip resistors 79463
Kobayashi, T., Okamoto, K., Masuko, H., Nakamura, K., Horie, H., Kumagai, H., Simada, M. Artificial oil pollution detection and wave observation in the sea adjacent to Japan by ERS-1 SAR images 77571
Kobayashi, T., Saito, T. 65 MHz clock generation PLL module 55317
Kobayashi, T., Tominaka, T., Saitoh, T., Shibata, M., Maki, N. Analysis for quench of superconducting magnets including the induced current effect 94028
Kobayashi, T. *see* Ariki, T. 71220
Kobayashi, T. *see* Bowkett, G.C. 63753
Kobayashi, T. *see* Fujii, M. 88202
Kobayashi, T. *see* Fujiwara, H. 84855
Kobayashi, T. *see* Fukano, H. 94301
Kobayashi, T. *see* Hamamoto, T. 92219
Kobayashi, T. *see* Hanamura, M. 54127
Kobayashi, T. *see* Higuma, T. 90681
Kobayashi, T. *see* Hinohara, K. 61993
Kobayashi, T. *see* Honma, H. 70065
Kobayashi, T. *see* Inokawa, H. 93622
Kobayashi, T. *see* Iso, M. 99704
Kobayashi, T. *see* Kanno, T. 84156
Kobayashi, T. *see* Katsuyama, T. 86081
Kobayashi, T. *see* Komai, K. 99582
Kobayashi, T. *see* Konaka, S. 49932
Kobayashi, T. *see* Kurishima, K. 81816
Kobayashi, T. *see* Maki, T. 79783
Kobayashi, T. *see* Matsueda, H. 55453
Kobayashi, T. *see* Matsuoka, Y. 55928
Kobayashi, T. *see* Nakamoto, T. 93796
Kobayashi, T. *see* Nakamura, K. 58658
Kobayashi, T. *see* Nojima, T. 99000
Kobayashi, T. *see* Numagami, Y. 60990
Kobayashi, T. *see* Ogata, A. 87880
Kobayashi, T. *see* Ogawa, K. 65631
Kobayashi, T. *see* Ogitsu, T. 87687
Kobayashi, T. *see* Ohara, M. 58660
Kobayashi, T. *see* Okabe, H. 82367
Kobayashi, T. *see* Okazaki, Y. 71791
Kobayashi, T. *see* Sato, T. 61703
Kobayashi, T. *see* Shimohara, K. 61759
Kobayashi, T. *see* Shukuri, S. 61713
Kobayashi, T. *see* Tae-Hyun Kim 54952
Kobayashi, T. *see* Taga, M. 55667
Kobayashi, T. *see* Tai, H. 76953
Kobayashi, T. *see* Taira, T. 63938
Kobayashi, T. *see* Takeuchi, S. 72728
Kobayashi, T. *see* Uesaka, M. 59037
Kobayashi, T. *see* Ullrich, B. 63590
Kobayashi, T. *see* Ullrich, B. 63996
Kobayashi, T. *see* Unekawa, Y. 49419
Kobayashi, T. *see* Unekawa, Y. 70548
Kobayashi, T. *see* Usami, K. 93962
Kobayashi, T. *see* Wada, Y. 55573
Kobayashi, T. *see* Yano, K. 80330
Kobayashi, T. *see* Yano, K. 93418
Kobayashi, T.M. *see* Tsuchiya, K. 76346
Kobayashi, Y., Akatsu, Y., Nakagawa, K., Imai, Y., Kikuchi, H. Compact 10 Gbit/s optical transmitter and receiver circuit packs 86453
Kobayashi, Y., Ishihara, T., Nakarai, H., Itoh, N., Takahashi, T., Wakabayashi, O., Mizoguchi, H., Amada, Y., Fujimoto, J., Kowaka, M., Nozue, Y. Recent advances of a KrF excimer laser on the plant's practical requirements 71527
Kobayashi, Y., Kobayashi, N. In-situ control of strained heterostructure growth 61250
Kobayashi, Y., Mitsuhashi, T., Ueda, A., Yamakawa, T. Experimental measurement of dynamic aperture at the Photon Factory Storage Ring 66906
Kobayashi, Y., Takemori, T., Mukohzaka, N., Yoshida, N., Fukushima, S. Real-time velocity measurement by the use of a speckle-pattern correlation system that incorporates a ferroelectric liquid-crystal spatial light modulator 56446
Kobayashi, Y., Tamura, H. Round robin test on a dielectric resonator method for measuring complex permittivity at microwave frequency 87453
Kobayashi, Y., Tatara, N., Akabane, Y. Terminal adapter AtermRT series for ISDN for interconnection of LANs 58251
Kobayashi, Y. *see* Akioka, T. 70538
Kobayashi, Y. *see* Chino, T. 94303
Kobayashi, Y. *see* Hatanaka, Y. 76211
Kobayashi, Y. *see* Irie, Y. 66841
Kobayashi, Y. *see* Ishii, K. 58409
Kobayashi, Y. *see* Kaneko, F. 62031
Kobayashi, Y. *see* Kogami, Y. 87454
Kobayashi, Y. *see* Miyamoto, Y. 58397
Kobayashi, Y. *see* Mizuno, H. 66826
Kobayashi, Y. *see* Mukohzaka, N. 56454
Kobayashi, Y. *see* Murabayashi, F. 49486
Kobayashi, Y. *see* Okano, H. 71859
Kobayashi, Y. *see* Prabhakaran, K. 55770
Kobayashi, Y. *see* Sato, T. 56754
Kobayashi, Y. *see* Takai, Y. 49421
Kobayashi, Y. *see* Takai, Y. 70550
Kobayashi, Y. *see* Tamura, T. 61761
Kobayashi, Y. *see* Tanaka, T. 71116
Kobayashi, Y. *see* Tomizawa, M. 86441
Kobayashi, Y. *see* Yanagi, K. 50314
Kobayashi Eiichi *see* Eiichi Kobayashi
Kobayashi Shun-Ichi *see* Shun-Ichi Kobayashi
Kobbi, F. *see* Mosser, V. 66195
Kobbi, F. *see* Mosser, V. 66245
Kobe Besenicar, S. *see* Saje, B. 72022
Kobeda, E. *see* Harame, D.L. 61658
Kober, V., Yaroslavsky, L.P., Campos, J., Yzuel, M.J. Optimal filter approximation by means of a phase-only filter with quantization 63542
Koberle, R. *see* da Fontoura Costa, L. 95755
Koberstein, J. *see* Sekkat, Z. 82747
Kobetic, R. Advancing step by step 98923
Kobetic, R., Marsolais, E.B. Synthesis of paraplegic gait with multichannel functional neuromuscular stimulation 88553
Kobetic, R., Marsolais, E.B., Miller, P.C. Function and strength of electrically stimulated hip flexor muscles in paraplegia 67603
Kobets, M.I. *see* Nechiporenko, I.N. 94757
Kobierski, K. *see* Bourne, J. 65501
Koblas, M.R., Steinbakk, L. The MIRA telemedicine conference system 85918
Kobler, T. *see* Gruber, A. 88256
Kobler, T. *see* Kiesling, C. 88254
Kobler, T. *see* Kramerkamper, T. 88257
Kobler, T. *see* Ribarics, P. 88255
Koblinsky, C.J. *see* Nerem, R.S. 99255
Kobliska, G.R. *see* Harding, D.J. 76674

Kobrinski, H., Azuma, M. Distributed control algorithms for dynamic restoration in DCS mesh networks: performance evaluation 85371
Kobuchi, Y. *see* Nishida, T. 79592
Kobuke, T. *see* Yoshinari, J. 72093
Kobunaya, H. *see* Kawanago, S. 96912
Kobune, M. *see* Sugie, Y. 91596
Koburger, C., Adkisson, J., Clark, W., Davari, B., Geissler, S., Givens, J., Hansen, H., Holmes, S., Lee, H.K., Lee, J., Luce, S., Martin, D., Mittl, S., Nakos, J., Stiffler, S. Simple, fast, 2.5-V CMOS logic with 0.25-μm channel lengths and damascene interconnect 70397
Kobyakov, A.E. *see* Torchigin, V.P. 56470
Kobyakov, A.E. *see* Torchigin, V.P. 56865
Kobyashi, K., Kumagai, T., Kato, S. A group demodulator employing multi-symbol chirp Fourier transform 80196
Kobza, Z. *see* Baronak, I. 58081
Koc, B. *see* Arcasoy, C.C. 95434
Koc, C.K. Montgomery reduction with even modulus 83993
Koc, C.K., Guanrong Chen Authors' reply [Computational complexity of matrix inversion] 91364
Koc, C.K., Guanrong Chen, Chui, C.K. Complexity analysis of wavelet signal decomposition and reconstruction 74013
Koc, C.Kaya *see* Kaya Koc, C.
Koc Cetin Kaya *see* Cetin Kaya Koc
Kocache, R. Gas sensors 58891
Kocanda, J. *see* Pincik, E. 71360
Kocandrle, L., Haniger, L. The scram-velocity measuring system for the control rods of the WWER 1000 reactor 89474
Kocaturk, M., Gupta, S.C. Simulation of co-channel interference in coexisting cellular TDMA networks 75348
Kocevar, P. *see* Zhou, X.Q. 62187
Koch, A. Lens coupled scintillating screen-CCD X-ray area detector with a high detective quantum efficiency 88323
Koch, A. *see* Fleury, J. 96346
Koch, A.C., Beddoes, M.P. Analysis of subband quantization noise level and shapes: a function of wideband audio codec tandemming 96875
Koch, C.A. *see* Ravi, K.V. 49763
Koch, D. SF_6 MV circuit breaker: existing situation and future trends 90246
Koch, D.B. *see* Orichi, A. 86218
Koch, F. *see* Enachescu, M. 49889
Koch, F. *see* Enachescu, M. 71072
Koch, F. *see* Fiegl, B. 69575
Koch, F. *see* Fiegl, B. 79366
Koch, F. *see* Fiegl, B. 79383
Koch, F. *see* Ostermeir, R. 62827
Koch, F. *see* Ostermeir, R. 63603
Koch, G. *see* Braceras, G. 92229
Koch, H. EMC (electromagnetic compatibility) planning for high voltage electric power installations 64161
Koch, H. *see* Drung, D. 56246
Koch, H. *see* Gorablenkow, J. 100419
Koch, H. *see* Krivoy, G.S. 50412
Koch, H. *see* Krivoy, G.S. 50413
Koch, H. *see* Krivoy, G.S. 56267
Koch, H. *see* Kunsler, W. 96760
Koch, H. *see* Ludwig, F. 56252
Koch, H. *see* Polushkin, V. 87357
Koch, J.A. *see* Nilsen, J. 82919
Koch, J.A. *see* Wan, A.S. 50741
Koch, J.A. *see* Wan, A.S. 72666
Koch, K. *see* Cheung, E.C. 56863
Koch, K.-H. *see* Kizilcay, M. 78165
Koch, M. On the conversion of a mass selective detector from gas chromatography/mass spectrometry application to stand-alone, on-line, real-time mass spectrometry application 87591
Koch, M., Tavangarian, D. Distributed VHDL simulation within a workstation cluster 49103
Koch, M. *see* Hofmann, M. 50845
Koch, M. *see* Hofmann, M. 83065
Koch, M.H.J. *see* Cipriani, F. 67389
Koch, M.H.J. *see* Gabriel, A. 98525
Koch, M.W. *see* Wicks, G.W. 54851
Koch, P., Bagchi, K.K., Hermansen, K. Implementation studies of efficient and realistic multi-signal processor solutions for DSP applications 55282
Koch, P., Peplinski, J., Allen, J.K., Mistree, F. A method of design using available assets: identifying a feasible system configuration 69516
Koch, R., Griebner, U., Grunwald, R. High-average-power flashlamp-pumped Nd:glass fiber-bundle laser 56674
Koch, R. *see* Weber, M. 87444
Koch, R.H., Foglietti, V., Rozen, J.R., Stawiasz, K.G., Ketchen, M.B., Lathrop, D.K., Sun, J.Z., Gallagher, W.J. Effects of radio frequency radiation on the DC SQUID 72226
Koch, R.H., Foglietti, V., Rozen, J.R., Stawiasz, K.G., Ketchen, M.B., Lathrop, D.K., Sun, J.Z., Gallagher, W.J. The effects of radio frequency radiation on the DC SQUID 93946
Koch, S., Kaufman, H., Biemond, J. Restoration of spatially varying images using multiple model extended Kalman filters 84818
Koch, S., Waho, T., Mizutani, T. InGaAs resonant tunneling transistors using a coupled-quantum-well base with strained AlAs tunnel barriers 80666
Koch, S. *see* Aberl, F. 59251
Koch, S.W. *see* Hofmann, M. 50845
Koch, S.W. *see* Hofmann, M. 83065
Koch, S.W. *see* Indik, R. 63856
Koch, S.W. *see* Mohideen, U. 83137
Koch, T.L. *see* Gulbransen, D.J. 66490
Koch, T.L. *see* Kim, I. 56764
Koch, T.L. *see* Kim, I. 63466
Koch, T.L. *see* Verdiell, J.-M. 86362
Koch, W. *see* Baier, A. 65611
Kochan, J. *see* Spiess, W. 81620
Kochan, S.J. *see* Smith, B.A. 82465
Kochanov, E.S., Reznik, V.A. The electromagnetic field of currents in thin plates 83486
Kochanski, G.P. *see* Fischer, P. 57628
Kochegarov, Yu.V. *see* Vorobjev, L.E. 63749
Kochenova, A.A. *see* Baublis, V.V. 59244
Kochensparger, J. Minimizing the down time due to motor failure 68521
Kocher, D.G. *see* Schultz, K.I. 53550
Kocherov, A.A. *see* Andreyev, N.F. 63694
Kocherov, V.F. *see* Fouks, B.I. 58758
Kochetkov, A.A. Estimate of the resistance to ageing and irradiation degradation of cw InGaAsP and GaAlAs heterolasers 63811
Kochetkov, L.A., Kiryushin, A.I., Saraev, O.M. Fundamental results of the development of fast reactors for electric power generation 89538
Kochetkov, V.I. *see* Belikov, S.V. 53314
Kochetov, I.V. *see* Napartovich, A.P. 82935
Kochiyama, J. *see* Matsumoto, H. 67738
Kochnev, I.V. *see* Boroditskii, M.L. 54967
Kochnev, I.V. *see* Kozlovskii, V.V. 55632
Kochy, J. *see* Cherrick, S. 97597
Kocic, A. *see* Harrington, R.J. 89175
Kociecka, K. *see* Jerzykiewicz, A. 90228
Kocik, J. *see* Novak, J. 78319
Kocik, J. *see* Novak, J. 78324
Kocimski, S.M. *see* Hudson, C.L. 98457
Kock, A.de *see* de Kock, A.
Kock, J.A.de *see* de Kock, J.A.
Kocka, J. *see* Hlinomaz, P. 62143
Kockelmans, M. *see* Beires, N. 52019
Kockelmans, M. *see* Beires, N. 96504
Kocot, A. *see* Huan Xu 82740
Kocot, C., Straznicky, J., Tan, T.S., Kaneshiro, R.T. Performance simulations of PIN and MSM detectors 72609
Kocot, C. *see* Tan, T.S. 72606
Kocsanyi, L., Kosza, R., Barabas, M., Szarvas, G., Jakab, L. A complex design and microfabrication system for experimental production of planar waveguide lenses for integrated optical circuits 94231
Kocsis, F. *see* Baudron, J. 96431
Kocsis, M. *see* Berry, A. 88084
Kocsis, T. *see* Tarnay, K. 55061
Kocsis, Z., Brand, R. Sensitivity study of Hungarian made CR-39 for heavy ion track 88205
Kocsis, Z., Dwivedi, K.K., Vater, P., Brandt, R. Track lengths of 11.4 MeV/N ^{20}Ne ions in CR-39 88186
Kocur, P. *see* Li, M. 66789
Kocur, P. *see* Schailey, R. 67196
Kocvara, M., Zowe, J. An iterative two-step algorithm for linear complementarity problems 69834
Kocza, G. *see* Bossche, A. 79501
Koczy, L.T. *see* Han, J.H. 51682
Koczy, L.T. *see* Han, J.H. 64857
Koda, H., Inada, K., Tanaka, H. Formulation of a two-dimensional multipulse model and its application to two-channel coding of images 51609
Koda, H., Tanaka, H. Formulation of the modified Akaike information criterion (AIC) for a one-dimensional multipulse model and its application to image coding 95868
Koda, M., Shida, Y., Kawaguchi, J., Kaneko, Y. Improving gate oxide integrity in p^+pMOSFET by using large grain size polysilicon gate 93407
Koda, N., Sasao, T. A minimization method for AND-EXOR expressions using lower bound theorem 61455
Koda, T. *see* Shimoji, M. 79020
Kodachi, T. *see* Fan, R. 96913
Kodachi, T. *see* Oshima, Y. 96931
Kodachi, T. *see* Oshima, Y. 97328
Kodaira, M., Awaji, N., Kishimoto, T., Mukugi, K., Watanabe, M., Iida, T., Tsuchidate, H. Upgrading to 500 mA of the stored beam current at SORTEC 1-GeV source facility 67214
Kodaira, M. *see* Kishimoto, T. 67215
Kodaira, N. *see* Aoyagi, J. 77388
Kodaira, N. *see* Kimura, H. 67901
Kodali, V.P., Aatre, V.K. Electronics and defense: turning setbacks into successes 54310
Kodama, H. *see* Inagaki, S. 89643
Kodama, H. *see* Toyokura, M. 92281
Kodama, I. *see* Kato, Y. 50730
Kodama, M. Influence of carbon contamination on etched GaSb substrate on the quality of MBE-GaSb film and electrical transport through the film and the substrate 48951
Kodama, M. Improvement of reverse leakage current characteristics of GaSb and $Al_{0.3}Ga_{0.7}Sb$/GaSb diodes grown by MBE 56536
Kodama, M. *see* Kojima, M. 52727
Kodama, M. *see* Kojima, M. 75762
Kodama, M. *see* Kojima, M. 86773
Kodama, N. *see* Oyama, K. 61728
Kodama, R. *see* Kato, Y. 50730
Kodama, R. *see* Murai, K. 56613
Kodama, R. *see* Nakajima, K. 76627
Kodama, S. *see* Takahashi, H. 59190
Kodama, T. *see* Tanimoto, K. 78809
Kodama, Y., Aihara, K., Imada, T., Kotani, M. A correlation dimensional analysis of MEG data 88443
Kodama, Y., Yanagisawa, M., Shigenobu, K., Suzuki, T., Mochizuki, H., Ema, T. A 150-MHz 4-bank 64 M-bit SDRAM with address incrementing pipeline scheme 70531
Kodama, Y. *see* Matsumoto, M. 73056
Kodanev, V.P. *see* Zakharov, Yu.V. 97365
Kodas, T.T. *see* Roger, C. 70156
Kodate, J. *see* Higashi, Y. 49871
Kodato, S., Hiraoka, J., Nara, K., Kato, H., Okaji, M. Temperature sensor using microcrystalline semiconductor thin film 98337
Koden, M., Kaneko, T., Tamai, K., Takeda, H., Miyoshi, S., Wada, T., Takeda, M., Itoh, K., Yamazaki, T., Kitazume, T. Ferroelectric liquid crystal mixtures containing chiral pyranose compounds for response-voltage minimum mode 50591
Koden, M., Katsuse, H., Itoh, N., Kaneko, T., Tamai, K., Takeda, H., Kido, M., Matsuki, M., Miyoshi, S., Wada, T. Ferroelectric liquid crystal device using the τ-V_{MIN} mode 72460
Koden, M., Tagawa, A., Wada, T. Novel switching with gray scale in surface-stabilized ferroelectric liquid crystal devices 56457
Koden, M. *see* Katsuse, H. 76116
Kodera, H. *see* Aoki, M. 97282
Kodera, H. *see* Takai, A. 52558
Kodera, H. *see* Tanimoto, T. 50043
Kodera, H. *see* Wu, Y. 97267
Kodera, H. *see* Yamashita, K. 97253
Kodera, H. *see* Yuying Wu 97277
Kodis, M.A. *see* Goplen, B. 62125
Kodis, M.A. *see* Vanderplaats, N.R. 71048
Kodratoff, Y., Moscatelli, S. Machine learning for object recognition and scene analysis 64864
Kodymova, J. *see* Schmiedberger, J. 94338
Koebel, J.M. *see* Dusi, W. 88041
Koebel, J.M. *see* Grassi, D. 88039
Koechlin, F. *see* Bonin, B. 67067
Koechner, D. *see* Petropoulos, H. 74420
Koechner, D. *see* Pourang, R. 55527
Koehler, J. *see* Alexander, S. 88939
Koehler, J.A. *see* Haldoupis, C. 59556
Koehler, J.A. *see* Hall, G.E. 59542
Koehler, J.A. *see* St.-Maurice, J.-P. 59543
Koehler, J.A. *see* Uspensky, M.V. 67808
Koehler, J.A. *see* Uspensky, M.V. 94804
Koehler, S.D. *see* Hasenberg, T.C. 94189
Koehler, T. *see* Bussler, M.L. 79740
Koehn, P. *see* de Barbaro, P. 98584
Koelink, M.H., de Mul, F.F.M., Leerkotte, B., Greve, J., Jentink, H.W., Graaff, R., Dassel, A.C.M., Aarnoudse, J.G. Signal processing for a laser-Doppler blood perfusion meter 76940
Koelink, M.H., de Mul, F.F.M., Weijers, A.L., Greve, J., Graaff, R., Dassel, A.C.M., Aarnoudse, J.G. Fiber-coupled self-mixing diode-laser Doppler velocimeter: technical aspects and flow velocity profile disturbances in water and blood flows 87551
Koelle, D. *see* Ludwig, F. 56252
Koelle, D. *see* Miklich, A.H. 63312
Koelle, D. *see* Wellstood, F.C. 97906
Koen, M. *see* Smith, D. 91906
Koenderink, J.J., Van Doorn, A.J. Two-plus-one-dimensional differential geometry 57677
Koenderink, J.J. *see* Florack, L.M.J. 64792
Koene, B. *see* Adam, W. 88114
Koene, B. *see* von Apeldoorn, G. 88116
Koenig, B.E. *see* Tummala, R.L. 90893
Koenig, L. *see* Drotning, W. 81044
Koenig, W. *see* Miedlar, M.J. 88643
Koeninger, V., Matsumura, Y., Uchida, H.H., Uchida, H. Surface acoustic waves on thin films of giant magnetostrictive alloys 93869
Koeninger, V. *see* Uchida, H.H. 91573
Koenke, E., Hill, J., Abramson, P. Methods for augmenting GPS for precision approach and landing 77131
Koenraad, P.M. *see* Silov, A.Yu. 81290
Koepke, K. *see* Kirchgessner, J. 67104
Koepke, K. *see* Sun, D. 67161
Koepke, M.E. *see* Sheridan, T.E. 49203
Koerber, M.A., Fuhrmann, D.R. Array calibration by Fourier series parameterization: scaled principal components method 84456
Koerich, A.L. *see* Galup-Montoro, C. 81881
Koerkamp, M.M.K. *see* Lausen, H. 86024
Koertzen, H.W.E., Theron, P.C., Ferreira, J.A., Van Wyk, J.D. A new induction heating circuit with clamped capacitor voltage suitable for heating to above Curie temperature 100338
Koertzen, H.W.E. *see* Theron, P.C. 100340
Koester, D.P., Ranka, S., Fox, G.C. Parallel block-diagonal-bordered sparse linear solvers for electrical power system applications 99460
Koetke, D.S. *see* Allport, P.P. 76752
Koetke, J. *see* Danger, T. 82987
Koetzier, H. *see* Kjaer, S. 89587
Koezuka, H. *see* Yoshida, Y. 71323
Kofane, T.C. *see* Kamga, C.T. 94583

Koffman, A.D. *see* Avramov, S. 86946
Koffman, A.D. *see* Avramov, S. 97796
Kofidis, E., Theodoridis, S., Kotropoulos, C., Pitas, I. Segmentation-based L-filtering of speckle noise in ultrasonic images 64640
Kofler, H., Zerobin, F. The superconductor-excited generator—Utopia or reality? 89921
Kofman, D., Korezlioglu, H. Loss probabilities and delay and jitter distributions in a finite buffer queue with heterogeneous batch Markovian arrival processes 96193
Kofman, Y., Zehavi, E., Shamai, S. Performance analysis of a multilevel coded modulation system 51349
Kofman, Y. *see* Kaplan, G. 73632
Koga, F., Sasada, I., Harada, K. Methods of maximizing sensitivity of magnetic head type torque sensors 75913
Koga, F. *see* Sasada, I. 52798
Koga, F. *see* Sasada, I. 66274
Koga, H. *see* Matsui, Y. 61702
Koga, H. *see* Ogata, S. 89269
Koga, H. *see* Saeki, T. 49438
Koga, H. *see* Suzuki, H. 54195
Koga, H. *see* Suzuki, M. 62530
Koga, H. *see* Tanigawa, T. 70512
Koga, H. *see* Yamane, H. 61429
Koga, H. *see* Yamane, H. 99743
Koga, J., Takahashi, M., Niiyama, H., Iwase, M., Fujisaki, M., Toriumi, A. 0.25 μm gate length CMOS devices for cryogenic operation 71782
Koga, K. *see* Nomura, A. 57797
Koga, K. *see* Onizuka, K. 90676
Koga, K. *see* Tsubakiyama, H. 74821
Koga, M. Compact quartzless optical quasi-circulator 82751
Koga, M. *see* Aisawa, S. 80527
Koga, R., Crawford, K.B., Grant, P.B., Kolasinski, W.A., Leung, D.L., Lie, T.J., Mayer, D.C., Pinkerton, S.D., Tsubota, T.K. Single ion induced multiple-bit upset in IDT 256K SRAMs 70466
Koga, R. *see* Nichols, D.K. 71551
Koga, R. *see* Shoga, M. 70694
Koga, S., Hoshino, T., Muta, I. An investigation on diagnosis of superannuation degree of fluorescent lamps by infrared rays image processing 78995
Koga, S., Nagae, T., Ishibashi, K., Wakuta, Y., Machata, K., Nakagawa, H., Takada, S. Fabrication of aluminum superconducting tunnel junction by employing anodization process 93964
Koga, T. *see* Matsuo, H. 100312
Koga, T. *see* Matsuo, H. 100883
Koga, Y. *see* Saburi, Y. 52747
Koga, Y. *see* Sugimitsu, T. 67251
Kogami, Y., Kobayashi, Y., Katoh, M. Precise measurement for temperature dependence of dielectric rod materials using an image-type resonator method 87454
Kogan, F. United states droughts of late 1980's as seen by NOAA polar orbiting satellites 77493
Kogan, V.I., Provanzana, J.H., Michalec, J.R. An indirect approach for evaluating the availability of adjustable speed drive systems applied to large power plant motors 60515
Koganezawa, T. *see* Takahashi, I. 60541
Koganezawa, T. *see* Takahashi, I. 69106
Kogel, G. *see* Willutzki, P. 87666
Kogelschatz, U. *see* Bergonzo, P. 61345
Kogiku, I., Watanabe, N., Noguchi, K., Tanaka, T., Oorui, T. IROS-Si interface refinement for node systems 85744
Kogler, R., von Borany, J., Panknin, D., Skorupa, W. Electrical effects of residual defects in Si after high energy implantation of Ge^+ ions and annealing 55533
Koglin, H.-J. *see* Fass, R. 53710
Koguchi, M. *see* Kobayashi, T. 54941
Koguchi, N. *see* Kimoto, K. 62214
Kogure, Y. *see* Takahashi, H. 98333
Kogure Takuyo *see* Takuyo Kogure
Koh, E.K. *see* Lee, T.H. 99078
Koh, H. *see* Jun, B. 77423
Koh, J., Suk, M., Bhandarkar, S.M. A self-organizing neural network for hierarchical range image segmentation 57725
Koh, J., Suk, M., Bhandarkar, S.M. A multi-layer Kohonen's self-organizing feature map for range image segmentation 64803
Koh, J. *see* Vecht, A. 63562
Koh, L.M. *see* Zhang, W. 69606
Koh, M., Hara, K.-I., Horita, K., Shigeta, B., Matsukawa, T., Kiseida, A., Tanii, T., Goto, M., Ohdomari, I. Reverse-mode single ion beam induced charge (R-mode SIBIC) imaging for the test of total dose effects in n-ch metal-oxide-semiconductor field-effect transistor (MOSFET) 71682
Koh, M., Hara, K., Horita, K., Shigeta, B., Matsukawa, T., Kishida, A., Tanii, T., Goto, M., Ohdomari, I. Development of the single ion beam induced charge (SIBIC) imaging technique using the single ion microprobe system 91110
Koh, M. *see* Matsukawa, T. 61711
Koh, R., Mogami, T. Carrier recombination influence on the SOIMOSFET floating body effect 81907
Koh, R. *see* Andreula, J.J. 75048
Koh, S., Carter, H.W., Boyd, J.T. Synchronous global clock distribution on multichip modules using optical waveguides 56576
Koh, S.-N. *see* Yang, H. 73806
Koh, S.-N. *see* Yang, H. 95233
Koh, Y.B. *see* Kim, K.H. 71459
Koh Chang Seep *see* Chang Seep Koh
Koh Chang Seop *see* Chang Seop Koh
Koh Cheng-Kok *see* Cheng-Kok Koh
Koh Kern *see* Kern Koh
Koh Liang Mong *see* Liang Mong Koh
Koh Liang-Seng *see* Liang-Seng Koh
Koh Soo-Ngee *see* Soo-Ngee Koh
Koh Young-Bum *see* Young-Bum Koh
Koh-Ichi Usami *see* Byung-Chul Ahn 71626
Kohagura, J. *see* Cho, T. 88031
Kohal, J.S. *see* Riffat, S.B. 75840
Kohalmi, D. *see* Roark, C. 59648
Kohama, S. *see* Teshima, K. 86357
Kohama, S. *see* Yamanaka, H. 75161
Kohama, T., Nakamura, S. Noise cancelling for the digital Holter monitoring system 67595
Kohama, Y., Ohiso, Y., Fukushima, S., Kurokawa, T. 8×8 independently addressable vertical-cavity surface-emitting laser diode arrays grown by MOCVD 83094
Kohama, Y., Ohiso, Y., Kurokawa, T. 0.85 μm bottom-emitting vertical-cavity surface-emitting laser diode arrays grown on AlGaAs substrates 83050
Kohama, Y. *see* Ohiso, Y. 83111
Kohara, N. *see* Negami, T. 91561
Kohara, N. *see* Nishitani, M. 100455
Kohara, S. *see* Watanabe, Y. 77194
Kohara, T. *see* Choi, H. 80232
Koharagi, H. *see* Ide, K. 78556
Kohari, Zs. *see* Tarnay, K. 55061
Kohashi, M. *see* Hisamori, Y. 79023
Kohata, M., Takagi, T. Vector quantization with hypercolumnar clusters 57340
Kohata, M. *see* Fujita, H. 68720
Kohata, M. *see* Peng, F.Z. 88961
Kohchi, A. *see* Nakagawa, Y. 53247
Kohda, H. *see* Takai, M. 50251
Kohda, M. *see* Kido, J. 56559
Kohda, S., Shirai, S., Takeuchi, Y., Yamauchi, N. Ferroelectric liquid crystal driving method for optical switching devices in communication networks 72459
Kohda, T. *see* Murao, K. 61501
Kohda, T. *see* Muruyama, M. 80537
Kohga, K., Hashimoto, M., Shinomiya, S., Yoshida, M., Gozen, T., Hirashima, T., Tanaka, H. Study of HDTV optical distribution system combined with EDFAs. 2 66044
Kohiki, S., Nishitani, M., Wada, T., Hirao, T. Enhanced conductivity of zinc oxide thin films by ion implantation of hydrogen atoms 55572
Kohiro, K., Kainosho, K., Hirano, R., Uchida, M., Katsura, S., Kurita, H., Fukui, T., Oda, O. Bulk InP technologies: InP against GaAs 55696
Kohiyama, K. R&D of radio communication systems 65590
Kohiyama, K. Personal communication system in Japan 86241
Kohiyama, K. *see* Ogawa, K. 65631
Kohiyama, K. *see* Ohtsubo, K. 86728
Kohjiro, S. *see* Shoji, A. 63314
Kohjiro, S. *see* Watanabe, K. 94036
Kohl, A., Mesquida Kusters, A., Brittner, S., Heime, K., Finders, J., Gnoth, D., Geurts, J., Woitok, J. Hydrogen purging during growth interruptions and its effect on electron transport in InP/InGaAs/InP HFETS grown by LP-MOVPE 54921
Kohl, A. *see* Kersting, R. 94476
Kohl, A. *see* Mesquida Kusters, A. 56032
Kohl, A. *see* Opitz, B. 56556
Kohl, A. *see* Wiesner, U. 55587
Kohl, F., Jachimowicz, A., Steurer, J., Glatz, R., Kuttner, J., Biacovsky, D., Olcaytug, F., Urban, G. A micromachined flow sensor for liquid and gaseous fluids 58724
Kohl, P. *see* Han, S.S. 61277
Kohl, P. *see* Han, S.S. 61343
Kohl, P. *see* Laursen, K. 58947
Kohl, P.A. *see* Harris, D. 55552
Kohl, P.A. *see* Hedge, T.C. 49842
Kohl, R. *see* Wild, C. 69926
Kohlasch, F.L. *see* Addleman, R.S. 53075
Kohlbrecher, J., Rupp, R.A., Finke, E., Mann, M., Ringhofer, K.H. Reading out holographic gratings with incoherent radiation 57016
Kohlenberg, I. *see* Beylot, A.-L. 96910
Kohler, B., Stauch, G. Electric properties of an embedded piezoelectric layer 82190
Kohler, B., Yakovlev, V.V., Wilson, K.R., DeLong, K.W., Trebino, R., Squier, J. Characterization of amplified femtosecond pulses for quantum control 83234
Kohler, D., Staehelin, M., Zschokke-Graenacher, I. Organic molecular crystals for optical data processing 56902
Kohler, H. *see* Pham, M.T. 66222
Kohler, H.-J. *see* Meyer, H.-G. 56256
Kohler, H.-J. *see* Meyer, H.-G. 66112
Kohler, I. *see* Bredol, M. 63564
Kohler, J. Dielectric barrier discharge pumped N_2 laser 63672
Kohler, J. *see* Eldride, M. 89429
Kohler, J.L. *see* Oommen, M.P. 69294
Kohler, K. *see* Bangert, A. 80770
Kohler, K. *see* Bangert, A. 80820
Kohler, K. *see* Bangert, A. 87204
Kohler, K. *see* Heberle, A.P. 62266
Kohler, K. *see* Hunsche, S. 93003
Kohler, K. *see* Schlechtweg, M. 80787
Kohler, K. *see* Zhi-Gong Wang 86316
Kohler, K. *see* Zhi-Gong Wang 92341
Kohler, M.A. *see* Tremain, T.E. 73871
Kohler, P. Error estimates for generalized compound quadrature formulas 48878
Kohler, P. Intermediate error estimates 69813
Kohler, R. Bases for the modelling of transmission networks in synchronous digital hierarchy (SDH), part 1 96432
Kohler, R. *see* Neumann, N. 66326
Kohler, S.J. *see* Webb, P.G. 67529
Kohler, T.F.W. *see* Daum, P. 65960
Kohler, W.E. *see* Bohme, W. 49839
Kohli, J.C. *see* Mew, C.K. 86175
Kohli, S., Tellman, L., Bolin, K. High performance GPS receiver for air launched munitions 67958
Kohli, S. *see* Snyder, S. 67961
Kohli, S. *see* Snyder, S. 88911
Kohlmyer, S.G., Lewellen, T.K., Mankoff, D.A., Kaplan, M.S. Design and development of a collimator and robot for use in detector/collimator studies 98833
Kohlmyer, S.G., Lewellen, T.K., Miyaoka, R.S. Improving decoding tube performance for the UWPET time of flight detector modules 53413
Kohlmyer, S.G. *see* Lewellen, T.K. 59289
Kohlmyer, S.G. *see* Pollard, K.R. 59305
Kohlrausch, A. *see* van der Par, S.L.J.D.E.V.D. 86648
Kohlstedt, H. *see* Kleiner, R. 82372
Kohlstedt, H. *see* Ustinov, A.V. 80670
Kohmann, R. Remote maintenance of private automatic branch exchanges with Remas 86005
Kohmoto, M. *see* Nakamura, Y. 93567
Kohmoto, O. *see* Notsu, Y. 63167
Kohmoto, S., Sugimoto, Y., Takado, N., Asakawa, K. In situ negative-type patterning of a GaAs/AlGaAs quantum well using electron beam-induced modification of an InGaAs epitaxial layer mask in Cl_2 gas 71543
Kohmoto, S. *see* Yoshikawa, T. 72922
Kohn, E., Strahle, S., Geiger, D., Erben, U. High field drift domains in GaAs and InP based heterostructure field effect devices 61921
Kohn, E. *see* Ebert, W. 81767
Kohn, E. *see* Ebert, W. 81768
Kohn, E. *see* Lipka, K.-M. 62858
Kohn, E. *see* Strahle, S. 56033
Kohn, E. *see* Strahle, S. 62903
Kohn, O. *see* Henschel, H. 72320
Kohn, O. *see* Lischka, H. 72589
Kohn, U. *see* Binder, J. 50501
Kohn, U. *see* Binder, J.O. 82605
Kohne, H. *see* Lebowsky, F. 97627
Kohnke, G.E. *see* Wicks, G.W. 54851
Kohnlein, W. *see* Yoshino, T. 97766
Kohno, A. *see* Morimoto, M. 97662
Kohno, A. *see* Sameshima, T. 71647
Kohno, B.H., Shirotori, K., Miyazaki, S. Oxygen concentration dependence on substrate temperature of $Si_{1-x}Ge_x$ alloy for Si-MBE 54824
Kohno, M., Fujioka, T., Hayashi, K., Itoh, Y., Ikeda, I., Seino, K., Yamanouchi, M. High efficient C-band 27 W internally-matched GaAs FET for space application 80689
Kohno, M. *see* Hasegawa, T. 69955
Kohno, M. *see* Hasegawa, T. 81467
Kohno, M. *see* Hirae, S. 55768
Kohno, O. *see* Watanabe, K. 82313
Kohno, R. Information theoretical aspect of spatial and temporal signal processing using an adaptive array antenna 95515
Kohno, R. *see* Fukumasa, H. 75201
Kohno, R. *see* Hashimoto, N. 58250
Kohno, R. *see* Mabuchi, T. 65552
Kohno, R. *see* Nagatsuka, M. 64248
Kohno, R. *see* Qi Zhang 95781
Kohno, R. *see* Sasaki, T. 95136
Kohno, R. *see* Suzuki, N. 95748
Kohno, R. *see* Takeshita, O.Y. 95130
Kohno, T. *see* Hasebe, N. 59057
Kohno, T. *see* Kitagawa, A. 53159
Kohno, T. *see* Kumada, M. 68748
Kohno, T. *see* Matsuda, S. 55945
Kohno, T. *see* Murakami, T. 76296
Kohno, T. *see* Nagata, K. 59058
Kohno, Y. *see* Ishida, M. 70483
Kohno, Y. *see* Ishigaki, Y. 71826
Kohno, Y. *see* Itoh, Y. 80771
Kohno, Y. *see* Ohbayashi, S. 92211
Kohno, Y. *see* Sakamoto, O. 70509
Kohno, Y. *see* Suemasu, T. 93342
Kohno, Y. *see* Suemasu, T. 93486
Kohnosu, T. On a burst error correcting algorithm for binary expanded Reed-Solomon codes 95144
Kohnosu, T., Hirasawa, S., Nishijima, T. On a burst error correcting algorithm for binary expanded Reed-Solomon codes 83945
Kohoki, S. *see* Nishitani, M. 100455
Kohout, J. *see* Malina, V. 71213
Kohoutek, H.J. Reliability engineering concepts in design for usability 48723

Kohrell, J., Peschel, T., Peschel, U., Lederer, F. Dynamics of two-dimensional high-transmission domains in non-linear planar resonators 83327
Kohriki, T. *see* Ohsugi, T. 59069
Kohriki, T. *see* Unno, Y. 98558
Kohsaka, N., Shoji, S., Kunita, M. Fully automated chemiluminescent enzyme immunoassay analyser 67425
Kohyama, S. Semiconductor technology crisis and challenges towards the year 2000 71762
Kohyama, Y. *see* Chang, P.S.-T. 62852
Kohzawa, T. *see* Kawashima, K. 52792
Koibuchi, S. *see* Ueno, T. 81627
Koichi Ono *see* Hitoaki Owashi 86771
Koide, Y., Yamashita, Y., Ogawa, H. A united theory of the family of projection filters for signal and image estimation 84571
Koide, Y., Zaima, S., Okada, M., Yasuda, Y. Photo-irradiation effects on surface reactions in Si monolayer overgrowth by Si_2H_6 source MBE 69970
Koidl, P. *see* Kalish, R. 55697
Koidl, P. *see* Larkins, E.C. 52840
Koidl, P. *see* Locher, R. 70109
Koidl, P. *see* Wild, C. 69926
Koifman, A.I. *see* Zakhidov, R.A. 60462
Koike, A. *see* Ikeda, S. 92194
Koike, A. *see* Ishibashi, K. 49420
Koike, A. *see* Ishibashi, K. 70564
Koike, A. *see* Okuyama, K. 93415
Koike, H. *see* Ishimaru, K. 71784
Koike, H. *see* Matsuoka, F. 92220
Koike, K. *see* Honda, Y. 72150
Koike, K. *see* Matsuyama, H. 72099
Koike, K. *see* Matsuyama, H. 76160
Koike, M. *see* Nakaegawa, T. 67859
Koike, M. *see* Tanaka, T. 71116
Koike, S. *see* Okuno, S. 98559
Koike, S. *see* Saitoh, Y. 59075
Koike, S. *see* Saitoh, Y. 88124
Koike, S. *see* Saitoh, Y. 98580
Koike, S. *see* Shimokawa, F. 94312
Koike, T., Nakazawa, H. Phase-shift control of resonant frequencies that magnetostatic wave resonators 72188
Koike, T. *see* Baba, I. 60969
Koike, T. *see* Fukami, K. 77458
Koike, T. *see* Kousaka, T. 91059
Koike, T. *see* Tohyama, M. 73797
Koike, Y. *see* Ishigure, T. 72301
Koike, Y. *see* Ishigure, T. 75436
Koike, Y. *see* Kitao, I. 61762
Koike, Y. *see* Kurosawa, M. 99372
Koikkalainen, P. *see* Heikkonen, J. 57795
Koilpillai, R.D. *see* Laakso, T.I. 80449
Koilpillai, R.D. *see* Nguyen, T.Q. 84348
Koinkar, V.N. *see* Bhushan, B. 50337
Koinkar, V.N. *see* Bhushan, B. 63223
Koinuma, H. *see* Sato, K. 70160
Koinuma, H. *see* Sato, K. 91631
Koinuma, M., Uosaki, K. In situ observation of anodic dissolution process of *n*-GaAs in HCl solution by electrochemical atomic force microscope 71347
Koinuma, T. Broadband network services 96398
Koinuma, T., Miyaho, N. ATM in B-ISDN communication systems and VLSI realization 75086
Koishi, M. *see* Takahashi, A. 76090
Koiso, H. *see* Funakoshi, Y. 87869
Koiso, H. *see* Oide, K. 66839
Koivisto, P., Kuosmanen, P. Design of soft morphological filters by learning 64626
Koivisto, P. *see* Kuosmanen, P. 85102
Koivunen, T. Motion detection of an interlaced video signal 86708
Koivunen, T., Salonen, J. Motion estimation using combined shape and edge matching 74317
Koiwa, H., Takahashi, S., Okajima, K., Kikuchi, T., Nagata, K. Polarimetric optical fiber hydrophone using birefringence of $LiNbO_3$ 72318
Koiwa, I., Sawai, H. A study of binders for the thick-film cathodes of DC-type plasma display panels 87387
Koiwa, I. *see* Terao, Y. 66617
Koiwa, Y. *see* Kanai, H. 53370
Koizrmi, N. *see* Nishi, M. 72260
Koizuka, M. *see* Fukuda, T. 69921
Koizuka, M. *see* Hara, A. 91409
Koizumi, H., Iwadare, M., Mori, S. Class E^2 DC/DC converter with second harmonic resonant class E inverter and Class E rectifier 61542
Koizumi, H. *see* Sano, K. 67486
Koizumi, M. *see* Takahasi, K. 67909
Koizumi, N. *see* Isono, T. 82466
Koizumi, N. *see* Nakajima, H. 72261
Koizumi, S. *see* Niimura, N. 98529
Koizumi, T. *see* Kamisada, Y. 82322
Koizumi, T. *see* Matsuo, T. 71540
Koizumi, T. *see* Sasago, M. 49933
Koizumi, Y., Yotsumoto, K., Hayama, H., Furubo, S., Muroyama, S. Design of power systems for air conditioners used in telecommunication networks 90675
Kojima, A. Chip potentiometers adopt carbon elements for resistor material 80884
Kojima, A., Sakurai, N., Kishigami, J.I. Motion detection using 3D-FFT spectrum 84990
Kojima, F. *see* Ishibashi, K. 49420
Kojima, F. *see* Ishibashi, K. 70564
Kojima, H., Kobayashi, H., Kanekiyo, T., Kawamura, K. Visual communication system in closed areas using an extended ISDN protocol 96779
Kojima, H., Tanaka, S., Sasaki, K. Half-swing clocking scheme for 75% power saving in clocking circuitry 70342
Kojima, H. *see* Hiraki, M. 70427
Kojima, H. *see* Murata, M. 62326
Kojima, H. *see* Tsumori, K. 53191
Kojima, I. *see* Hatle, M. 93957
Kojima, K., Tomoda, H., Iizuka, Y., Aiba, M., Sato, M. CAD/CAM system for LSI package design—InCASE 79367
Kojima, K. *see* Du-Yih Tsai 98853
Kojima, K. *see* Murakawa, T. 89635
Kojima, K. *see* Vakhshoori, D. 94515
Kojima, M., Kato, H., Gatto, M. Model for the dry etching of heavily doped n-type silicon by atomic fluorine in the absence of ion bombardment 62468
Kojima, M., Kodama, M. Equivalent circuit and response of moving-coil actuator 52727
Kojima, M., Kodama, M. Response of moving-coil actuator short-circuited by a capacitor 86773
Kojima, M., Kodama, M., Takahashi, H., Shimizu, E. A drive circuit having voltage and current feedback for a moving-coil actuator 75762
Kojima, M. *see* Coles, W.A. 58527
Kojima, M. *see* Kagenishi, Y. 80323
Kojima, N. Output power level stabilization of optical transmitters 58383
Kojima, N., Sato, K., Yamada, A., Konakai, M., Takahashi, K. Epitaxial growth of GaSe films by molecular beam epitaxy on GaAs(111), (001) and (112) substrates 91481
Kojima, S., Ebisawa, Y., Miyakawa, T. Fast morphology hardware using large-sized structuring element 95866
Kojima, S., Kan, M., Masuzawa, K. An energy dependent model of a metal oxide surge arrester 60003
Kojima, S. *see* Hiruta, Y. 93682
Kojima, T., Takahisa, K., Kumagai, M., Ishizaki, Y. Reliability of electronic devices at high temperature 91141
Kojima, T., Yasui, K. High-power green-beam generation in continuous-wave modes by use of long $KTiOPO_4$ crystals with a Nd:YAG laser 56881
Kojima, T. *see* Konno, K. 86311
Kojima, T. *see* Tanimoto, K. 78809
Kojima, T. *see* Tsuchimoto, M. 56236
Kojima, T. *see* Tsuchimoto, M. 93902
Kojima, T. *see* Yamamoto, H. 50205
Kojima, Y. *see* Aizaki, N. 61700
Kojima, Y. *see* Nakamura, K. 99724
Kojima, Y. *see* Okuno, S. 98559
Kojima, Y. *see* Takahashi, H. 49989
Kojiro, J.K. *see* Gulbransen, D.J. 66490
Kojiro Okuyama *see* Yoichiro Yokotani 82105
Kojo, T. *see* Inoue, K. 82501
Kojo, T. *see* Inoue, K. 94026
Kojori, H.A., Karshenas, H.R., Dewan, S.B. Generalized switching strategies for current source inverters/converters 100269
Kojori, H.A. *see* Choi, J.H. 90195
Kojori, H.A. *see* Karshenas, H.R. 68786
Kojovic, L., Izquierdo, N.A., Jr., Grano, G.A. Transient characteristics of auxiliary current transformers and their influence on industrial and distribution system protective relaying 89216
Kojyoma, N. *see* Mizukoshi, H. 85459
Kok, C.W. *see* Chan, S.C. 80465
Kok, J.N. *see* Haring, S. 64821
Kok, P.A., De Zutter, D. Scalar magnetostatic potential approach to the prediction of the excess inductance of grounded via's and via's through a hole in a ground plane 80974
Kok Ann Ngoi Bryan *see* Bryan Kok Ann Ngoi
Kok-Meng Lee, Jianfa Pei, Roth, R. Kinematic analysis of a three-degrees-of-freedom spherical wrist actuator 89879
Kok-Meng Lee *see* Zhi Zhou 100089
Koka, R. Studying the effects of organic contaminants on the head/disk interface with a new test system 63216
Kokado, H. *see* Kikuchi, M. 82140
Kokaji, S. *see* Barnes, T.H. 56328
Kokaku, Y., Matsumoto, H., Inaba, H., Fujimaki, S., Kitoh, M., Abe, K. Properties of diamond-like carbon film and its application as a protective layer in thin-film magnetic recording disks 50311
Kokavec, J., Usak, P., Krempasky, L., Chovanec, F. Precise determination of superconducting magnet axis 94017
Kokavec, J. *see* Chovanec, F. 93994
Kokavec, J. *see* Hlasnik, I. 82310
Kokelj, P., Turk, I., Dorn, R. Temperatures in a small transformer 90080
Koker, D.M. *see* Soref, R.A. 82697
Kokes, A. *see* Schmiedberger, J. 94338
Kokhanskii, A.I. *see* Bardetskii, A.M. 90588
Kokin, A.A. Charge transfer of surface trapping states and current instability in a bipolar model of a thin-film SOI MOS transistor 71653
Kokin, A.A., Kuznetsov, M.G. Quasi-two-dimensional analytical model for a short-channel field-effect transistor with a Schottky gate 62902
Kokin, A.A., Kuznetsov, M.G., Burzin, S.B., Ivanov, V.S. VCC model for an MOS structure with anisotype substrate for determining electrophysical parameters and doping profile 62333
Kokin, V.N. *see* Manzhos, V.N. 51478
Kokinda, E. *see* Rahman, M.D. 81666
Kokkinakis, G. *see* Lymberopoulos, D. 76873
Kokkomaki, T., Leppavuori, S., Porjesz, T. Magnetic field-controlled high-T_c thick film microstrip ring resonators 92490
Kokkomaki, T. *see* Kirschner, I. 58688
Kokkorakis, G.C. *see* Roumeliotis, J.A. 49635
Kokogawa, T., Numata, T., Inokuchi, S. Figure of merit in MO readout with polar and transverse Kerr effects 50612
Kokorin, A.M. *see* Dolinsky, A.V. 87852
Kokozinski, R. *see* Hosticka, B.J. 61467
Koksal, M. *see* Nacaroglu, A. 49128
Koksbang, R., Olsen, I.I., Shackle, D. Review of hybrid polymer electrolytes and rechargeable lithium batteries 90363
Kokshoorn, A.L. *see* Peek, H.L. 97643
Kokta, M.R. *see* Eichler, H.J. 56675
Kokubo, F. *see* Eguchi, M. 64419
Kokubo, M. *see* Horie, M. 98305
Kokubo, T. *see* Aoai, T. 81622
Kokubo, Y. *see* Harada, Y. 71066
Kokubu, A. *see* Kitamura, T. 51427
Kokubu, T. *see* Tamba, N. 92241
Kokubun, H. *see* Kimura, T. 91567
Kokubun, K. *see* Ichimura, S. 92859
Kokubun, K. *see* Widarta, A. 73472
Kokubun, Y., Takizawa, M., Taga, S. Three-dimensional athermal waveguides for temperature independent lightwave devices 72397
Kokubun, Y., Tamura, S. Precise formula for calculating spot size in optical waveguides and its accuracy 72399
Kokubun, Y. *see* Asakawa, S. 50517
Kokubun, Y. *see* Ohyama, M. 63607
Kokunai, S. *see* Warabisako, T. 100646
Kokura, S. *see* Inaba, N. 80163
Kokusenya, N. *see* Toyoda, Y. 97661
Kol', A. *see* Averin, S.V. 63582
Kola, R.R. *see* Ross, F.M. 81305
Kolachev, G.M. *see* Aulchenko, V.M. 67341
Kolacinski, Z. *see* Gaworczyk, J. 82136
Kolagotla, R.K. *see* Liu, K.J.R. 57482
Kolagotla, R.K. *see* Liu, K.J.R. 80448
Kolahi, K., Gast, T., Rock, H. Coriolis mass flow measurement of gas under normal conditions 98371
Kolakowski, J. *see* Fiok, A.J. 71880
Kolanoski, H. *see* Appuhn, R.D. 98542
Kolanoski, H. *see* Gruber, A. 88256
Kolanoski, H. *see* Kiesling, C. 88254
Kolanoski, H. *see* Kramerkamper, T. 88257
Kolanoski, H. *see* Ribarics, P. 88255
Kolar, D. *see* Hrovat, M. 54150
Kolar, D. *see* Saje, B. 72022
Kolar, J.W., Ertl, H., Zach, F.C. A novel three-phase single-switch discontinuous-mode AC-DC buck-boost converter with high-quality input current waveforms and isolated output 60322
Kolar, J.W., Ertl, H., Zach, F.C. A comprehensive design approach for a three-phase high-frequency single-switch discontinuous-mode boost power factor corrector based on analytically derived normalized converter component ratings 68732
Kolarik, V., Lubaszewski, M., Courtois, B. Designing self-exercising analogue checkers 48659
Kolarik, V. *see* Mir, S. 92429
Kolarik, V. *see* Pejchl, D. 49756
Kolarik, V. *see* Soma, M. 49542
Kolarov, A., Hui, J. Least cost routing in multiple-service networks 65431
Kolasinski, W.A. *see* Koga, R. 70466
Kolatchevsky, N.N. *see* Kolatchevsky, V.V. 56205
Kolatchevsky, V.V., Kolatchevsky, N.N. Magnetic moment fluctuations in samples with near-to-rectangular hysteresis loops 56205
Kolawa, E. *see* Chen, J.S. 62307
Kolawa, E. *see* Reid, J.S. 81564
Kolb, S. *see* Zurcher, J.-F. 57255
Kolbas, R.M. *see* Reed, F.E. 72619
Kolbe, J. *see* Taegen, F. 100059
Kolbehdari, M.A. Electromagnetic field scattering by an inhomogeneous composite circular cylinder 83641
Kolbehdari, M.A. Quasi-static characteristic of a shielded cylindrical coupled microstrip transmission line by finite-element method 83793
Kolbesen, B.O. *see* Dellith, M. 80335
Kolbet, R. *see* Peterson, W.A. 68801
Kolc, R.E., Ozga, S.E., Jr. COBRA—lessons learned [active array radar antennas] 88915
Kolc, R.F., Ozga, S.E., Jr. COBRA—lessons learned 77783
Kolchanova, N.M., Popov, A.A., Bogoslovskaya, A.B., Sukach, G.A. Nonequilibrium heating in GaInAsSb heterostructures 50692
Kolchanova, N.M. *see* Andaspaeva, A.A. 56572
Kolchanova, S.A. *see* Vorob'ev, A.A. 94671

Kolchenko, A.V., Rak, S.M., Chechenev, N.P. The safe distances to communications cables for blasting operations 61976
Kol'chenko, L.A. *see* Abramov, A.A. 56335
Kolchin, A.A. *see* Alov, D.L. 94238
Kolcz, A.R. *see* Allinson, N.M. 61751
Koldewijn, E.L. *see* Rijkhoff, N.J.M. 67606
Koldewijn, E.L. *see* Rijkhoff, N.J.M. 88524
Kolding, J. Operational performance analysis: "An integral part of all surveillance system design!" 87136
Koledov, V.V. *see* Doev, V.S. 83047
Koledov, V.V. *see* Ibaev, Yu.K. 83146
Kolen, P.T. Self-calibration/compensation technique for microcontroller-based sensor arrays 87099
Kolenda, T.J., Sullivan, W.F., Jr. Manchester Street station repowering 78428
Kolesar, E.S., Reston, R.R. Miniature gas chromatography system realized using conventional VLSI fabrication techniques applied to quantifying toxic environmental pollutants 88844
Kolesar, E.S. *see* Bright, V.M. 87336
Kolesar, E.S. *see* Picon, L.L. 87262
Kolesar, E.S., Jr. *see* Dyson, C.S. 58677
Kolesar, J., Novak, P., Kisel, D. Thermal calculation of an electrical resistance furnace with a stationary charge 79009
Kolesar, J., Novak, P., Kisel, D. Modelling of the skin effect coefficient of circular conductors 100937
Kolesar, J. *see* Novak, P. 60621
Koleske, D.D., Gates, S.M. Atomic layer epitaxy of Si on Ge(100): direct recoiling studies of film morphology 79805
Kolesnichenko, A. *see* Branover, G. 100958
Kolesnik, V.D., Krachkovsky, V.Yu. Lower bounds on achievable rates for limited bitshift correcting codes 95192
Kolesnikov, A.I. *see* Potapov, A.A. 84819
Kolesnikov, N.N. *see* Alov, D.L. 94238
Kolesnikov, N.V., Mal'khanov, S.E. Defect-impurity composition of the n base of silicon thyristors 93363
Kolesnikov, O.M. *see* Kostritskii, S.M. 82649
Kolesnikov, V.A. *see* Andnanov, A.A. 64167
Kolesnikov, V.I. *see* Afanasiev, S.V. 52771
Kolesnikov, Yu.L. *see* Zemskii, V.I. 76103
Koleson, Y.E. *see* Baublis, V.V. 59244
Kolev, D. *see* Osanna, P.H. 69602
Kolev, E., Landgev, I. On some mixed covering codes of small length 73636
Kolev, E. *see* Diaz, J. 72894
Kolev, E. *see* Diaz, J. 79903
Kolev, G.A. *see* Dimitrov, D.A. 58680
Kolev, L.V., Mladenov, V.M. An interval method for global non-linear DC circuit analysis 61494
Kolezhuk, K.V. *see* Bobrenko, Yu.N. 69010
Kolganov, A.R. *see* Nuzhdin, V.N. 60497
Koliadin, V.L. Use of incomplete GPS data for navigation 86630
Kolis, J.W. *see* Wait, M.A. 62379
Kolisnichenko, M.V. *see* Kazandzhan, N.N. 61945
Kolitsch, C. *see* Fiedler, B. 49041
Koljonen, T. *see* Ahopelto, J. 79841
Kolk, J.K. *see* Kendall, J.D. 50033
Kolka, Z. Design of the decomposed state model of an one-dimensional piecewise-linear system 49127
Kolker, D. The research of arc-proofness of set tools for 110-220 kV live line works 78150
Kollakowski, St. *see* Hieronymi, F. 76001
Kollar, I. Bias of mean value and mean square value measurements based on quantized data 97855
Kollar, M. *see* Slama, J. 72061
Kollar, P. *see* Klugmann, E. 71944
Kollar, P. *see* Konc, M. 72007
Kollberg, E. *see* Ekstrom, H. 80663
Kolle, J. *see* Bibee, L.D. 77339
Kolle, J.J., Johnson, R.F. Embedded polarimetric differential stress sensor 76024
Koller, D.P. *see* Yunqiu Wu 52880
Koller, J.G. *see* Athas, W.C. 49517
Koller, T. *see* Szekely, G. 98768
Kollewe, D. *see* Frose, D. 49861
Kollewe, D. *see* Kling, A. 67355
Kolli, R.P., Cook, H.E. Strategic quality deployment 69613
Kolli, Ya.N. *see* Dubyshkin, A.V. 94896
Kollias, E.D., Stassinopoulos, G.I. ATM performance evaluation under transparencies of a distributed system environment (DSE) 85526
Kollias, S. *see* Delopoulos, A. 64723
Kollias, S. *see* Foudopoulos, P. 57522
Kollias, S. *see* Tirakis, A. 74513
Kollkamp, J.J. *see* Tzou, H.S. 93800
Kolmakov, A.A., Kul'varskaya, B.S., Magdeyev, Sh.N., Morozov, L.N. Combined source of Li^+ and Cs^+ ions based on binary alumosilicates 87940
Kolmeder, C., Langhans, L. The new concept for solid-state lasers: ES-laser 50753
Kolner, B.H. Modern high-speed measurement techniques 75839
Kolodinski, S., Werner, J.H., Queisser, H.J. Quantum efficiencies exceeding unity in silicon leading to novel selection principles for solar cell materials 78831
Kolodinski, S. *see* Werner, J.H. 69013
Kolodziej, W.J., Kosterev, D.N., Zhu, W. Robust control for power system transient stability 59853
Kolodziej, W.J. *see* Crinon, R.J. 84761
Kolodziej, W.J. *see* Kosterev, D.N. 99583
Kolodziejski, L.A. *see* Lu, K. 54856
Kolodziejski, L.A. *see* Lu, K. 61281
Kolodzinski, A. *see* Dagen, A.J. 52260
Kolodzy, P.J. *see* Menon, M.M. 52633
Kolokol'chikov, N.P. *see* Pavlovskii, A.I. 83452
Kolokol'tsev, O.V. *see* Zaets, V.I. 82752
Kolomiets, A.A. *see* Kapchinskiy, I.M. 76313
Kolomitsev, A.I. *see* Xiao, Q.F. 88297
Kolomoitseva, R.M. *see* Borisov, R.I. 59840
Kolosov, O. *see* Yamanaka, K. 77732
Kolosovskaya, A.E., Ziling, C.C. Voltage-length product in channel-diffused waveguide electrooptic modulators fabricated in doped ferroelectrics: the realm of possibility 72449
Kolossov, A.A. *see* Evstratov, F.F. 53583
Kolotaev, Y. *see* Akimov, V. 53300
Kolotaev, Yu. *see* Arefiev, A. 88007
Kolotov, O.S. *see* Vinogradov, I.I. 90187
Kolotyrin, A.A. *see* Solov'ev, A.P. 83519
Kolpakov, A.A. *see* Zabelin, A.M. 56637
Kolstein, M., Vermeulen, J.C., Wiggers, L.W., Andree, H.M.A., Barkema, G.T., Borgers, A.J., Lourens, W., Taal, A. Feedforward neural networks for second-level triggering on calorimeter data 74343
Kolter, M., Beneking, C., Pavlov, D., Eickhoff, T., Hapke, P., Frohnhoff, S., Munder, H., Wagner, H. Highly conductive microcrystalline n-layers for amorphous silicon stacked solar cells: preparation, properties, and device application 100699
Koltick, D.S. *see* Baumbaugh, B. 59149
Koltik, E.D. *see* Tarbeyev, Yu.V. 86925
Kolts, B.S. Fuzzy logic improves small-lot data analysis 92062
Kolts, B.S., Village, R.K. Manufacturing test optimization for VXI-based scanning analog-to-digital converters 92308
Kol'tsov, S.S. *see* Videneev, E.N. 89461
Koltun, M., Gukhman, G., Gavrilina, A. Stable selective coating "black nickel" for solar collector surfaces 69020
Koltun, M.M. Solar cells and batteries with unusual selective coatings for combined supply of heat and electricity by solar power stations 69008
Koltun, M.M. Selective coatings for the main units in solar photovoltaic power stations 99982
Koltypin, E.A. *see* Malyshev, V.V. 66536
Koluch, J. Intelligent networking—the winning edge for personal communications services 85591
Kolumban, G., Vizvari, B. Nonlinear dynamics and chaotic behavior of the sampling phase-locked loop 49210
Kolundzija, B.M., Popovic, B.D. Simplified treatment of wire-to-plate junctions with magnetic-current frill excitation 51205
Kolyshkin, A.A. *see* Antimirov, M.Ya. 70190
Kolysko, A.L. *see* Ivanov, O.A. 52978
Kolzer, J. Emission microscopy: principles and applications 79293
Kolzer, J. *see* Deboy, G. 56562
Kolzer, P. Surveillance of phased array antennas with an integral monitor 57273
Komaba, N. *see* Kusuda, Y. 63613
Komachi, T. *see* Ichinose, N. 48909
Komada, S. *see* Nomura, K. 60157
Komai, K., Fukui, S., Matsumoto, K., Moridera, D., Kobayashi, T. Fault diagnosis using a task-specific shell and its verification results by connecting to an operator training simulator for regional load dispatching and supervisory control centers 99582
Komai, K. *see* Kobayashi, T. 53633
Komai, K. *see* Kobayashi, T. 77943
Komai, M. *see* Yana, K. 95599
Komai, T. *see* Tanaka, Y. 63233
Komaki, K. *see* Hirao, T. 82107
Komaki, Y., Ishikawa, N., Sakurai, T., Matsumoto, Y. Elution of residual ions with etching of heavy ion-injected polyimide 93242
Koman, L.A. *see* Smith, T. 76956
Komano, H. *see* Murooka, K.-I. 91609
Komar', V.K. *see* Kosorotov, V.F. 75950
Komar, V.K. *see* Zagoruiko, Yu.A. 56848
Komarov, A.N. *see* Bondarenko, A.F. 77917
Komarov, A.N. *see* Bondarenko, A.F. 99503
Komarov, B.A., Korshunov, F.P., Murin, L.I. Role of field effects in a determination of the concentration of thermal donors in silicon by the DLTS method 55547
Komarov, S.A., Mironov, V.L., Romanov, A.N., Kleshchenko, V.N., Rusakov, I.E. Remote sensing of frozen soils in VHF range 67781
Komarov, V.B. *see* Ulin, S.E. 88134
Komarov, Y.A. *see* Zaitsev, E.F. 51257
Komaru, M., Marumoto, K., Ozaki, Y., Shimano, H., Nakanishi, T., Yoshioka, N. X-ray lithography technology 55836
Komashchenko, V. *see* Savvin, Yu. 56523
Komatsu, A. *see* Hanabusa, M. 79957
Komatsu, A. *see* Takahasi, K. 67909
Komatsu, H., Norose, R., Symonds, S.J. The wristwatch as a personal communications device 86212
Komatsu, H. *see* Badics, Z. 80003
Komatsu, H. *see* Kanemaki, M. 85667
Komatsu, K., Kitamura, S., Kato, T., Yamaguchi, M., Takano, S., Shimizu, H., Watanabe, N., Kosuge, K., Kitamura, M. Semiconductor external modulators for 2.5 Gb/s optical transmission using selective growth by MOVPE 75443
Komatsu, K., Sezaki, K., Yasuda, Y. Image coding based on generalisation of differential PCM 64722
Komatsu, K., Sezaki, K., Yasuda, Y. Design of M channel analysis/synthesis filter bank 64746
Komatsu, K., Sezaki, K., Yasuda, Y. Design of short tap PR filters for subband coding of images 95779
Komatsu, K. *see* Ebina, K. 56610
Komatsu, K. *see* Kitamura, S. 83109
Komatsu, K. *see* Takano, S. 50578
Komatsu, K. *see* Watanabe, N. 52494
Komatsu, M., Chen, C.-X., Kinoshita, K. Traffic analysis of the stop-and-wait ARQ over a Markov error channel 65008
Komatsu, M., Okamoto, K., Kinoshita, K. Throughput performance of ARQ schemes on a Markov bit-error channel 96241
Komatsu, M. *see* Chen, C.-X. 64918
Komatsu, M. *see* Hayashida, Y. 96246
Komatsu, M. *see* Ohba, R. 86997
Komatsu, N., Matsumoto, M., Koniya, K. Technologies towards the future telematics services 85434
Komatsu, T. *see* Aizawa, K. 84971
Komatsu, T. *see* Suto, H. 50108
Komatsu, T. *see* Takahara, M. 86401
Komatsu, T. *see* Takemasa, E. 84744
Komatsu, Y., Hosotani, K., Fuyuki, T., Matsunami, H. Heteroepitaxial growth of InGaP for extremely high-efficiency 2-terminal tandem solar cell with Si 100445
Komatsu, Z. *see* Badics, Z. 80011
Komatsubara, H. *see* Funabiki, S. 78999
Komatsuzaki, K. *see* Tew, C. 98228
Komazaki, T., Shimizu, K., Horii, H., Ayusawa, K. Dielectric filter with attenuation pole for microwave band 80646
Komber, H. *see* Gerhard-Multhaupt, R. 63950
Komeno, J. *see* Ohori, T. 81934
Komestik, V. *see* Svilar, D. 99380
Kometani, H., Sakabe, S., Jizo, Y., Terai, M. Eddy current analysis of superconducting magnets for magnetically levitated trains—influence of ground coil harmonics 78923
Kometani, J. *see* Munzel, N. 81617
Kometani, J.M. *see* Houlihan, F.M. 81624
Kometani, J.M. *see* Schilling, M.L. 81628
Kometani, J.M. *see* Tarascon, R.G. 81635
Komeza, K., Pelikant, A., Tegopoulos, J., Wiak, S. Comparative computation of forces and torques of electromagnetic devices by means of different formulae 83582
Komi, T., Sugii, M. Compact, semi-sealed-off, high-repetition-rate XeCl laser with a surface-wire-corona preionization 72676
Kominami, M., Wakabayashi, H., Sawa, S., Nakashima, H. Scattering from a periodic array of arbitrary shaped elements on a semiinfinite substrate 83592
Kominami, M. *see* Kusaka, K. 96981
Kominato, T. *see* Oda, K. 65783
Komine, H. *see* Stappaerts, E.A. 50950
Komine, K., Araki, N., Hohkawa, K. Application of fluorinated copolyimides on surface acoustic wave devices 93843
Komine, K. *see* Araki, N. 71902
Komirenko, S.M. *see* Belyaev, A.E. 62222
Komisarczuk, P. *see* Hadjitheodosiou, M.H. 86247
Komisarczuk, P. *see* Sun, Z. 52209
Komisarczuk, P. *see* Sun, Z. 65714
Komiya, K., Uehira, K. Optimum structure and characteristics evaluation for array type optical systems of document reading system 64748
Komiya, K. *see* Asatani, K. 96400
Komiya, K. *see* Uehira, K. 66433
Komiyaji, K. *see* Ishibashi, K. 49420
Komiyaji, K. *see* Ishibashi, K. 70536
Komiyaji, K. *see* Ishibashi, K. 70564
Komiyama, C., Saito, E., Tomita, Y., Honda, S. Hybrid FES orthosis for standing up in paraplegia 98955
Komiyama, H. *see* Ching-Ju Wen 78826
Komiyama, H. *see* Nishimoto, T. 99705
Komiyama, K., Kato, Y., Iwasaki, T. Interferometric antenna array with six antennas and a collective-processing correlator for microwave radiometry 77687
Komlyar, V.G. *see* Tarasova, S.L. 55766
Komm, R. *see* Tulkoff, C. 81010
Komochkov, M.M. *see* Aleinikov, V.E. 67657
Komoda, H., Shimizu, K. Detection of open contact using optical-beam-induced current techniques 69635
Komoda, H., Shimizu, K. Optical beam induced current techniques for failure analysis of very large scale integrated circuits devices 71788

Komoda, K., Kira, T., Minakata, R., Nakai, K., Nakamura, T., Deguchi, H. Combined thin-film heads for digital compact cassettes 52743
Komoda, M. *see* Yamashita, M. 58248
Komoda, T., Kira, T., Minakata, R., Nakai, K., Nakamura, T., Deguchi, H., Okamoto, N. Combined type thin film head for DCC 72121
Komoda, T. *see* Minakata, R. 72152
Komoda, T. *see* Nakai, K. 50342
Komori, A. *see* Watanabe, K. 97745
Komori, J., Mitsuhashi, J., Maeda, S. Hot carrier evaluation of TFT by emission microscopy 49724
Komori, J. *see* Mitsuhashi, J. 49440
Komori, K. *see* El Yumin, S. 56402
Komori, K. *see* El Yumin, S. 63801
Komori, K. *see* Fukutomi, M. 91638
Komori, K. *see* Huang, Y. 83116
Komori, K. *see* Minami, S. 92201
Komori, M. *see* Tsuchiya, T. 56777
Komori, S., Yamashita, T., Kuroi, T., Inuishi, M., Tsubouchi, N. A novel double well with buffer N^- and P^+ gettering layers for suppression of soft error rate (DOWNSER) 70514
Komori, T., Katagiri, S. An optimal learning method for minimizing spotting errors 84027
Komori, T., Miura, A., Tanaka, N., Kawamo, Y. Tilting control of optical pickup objective 94053
Komoriya, G. *see* Argade, P.V. 70586
Komoriya, S. *see* Kuniyoshi, S. 71535
Komorovski, M. *see* Sikora, R. 87452
Komorowski, M. *see* Sikora, R. 53032
Komoto, E., Homma, T., Nakamura, T. A high-speed and compact-size JPEG Huffman decoder using CAM 80363
Komoto, E., Seguchi, M. A 110 MHz MPEG2 variable length decoder LSI 74517
Komp, G. *see* Hessenmuller, H. 86797
Komp, G. *see* Hessenmuller, H. 97634
Kompa, G. *see* Fujiang Lin 70905
Kompa, G. *see* Gorfinkel, V.B. 94490
Kompan, M.E., Shabanov, I.Y. Observation of a saturation of optical absorption in porous silicon 73090
Kompella, M.S., Davies, P., Bernhard, R.J., Ufford, D.A. A technique to determine the number of incoherent sources contributing to the response of a system 98378
Kompella, V. *see* Pasquale, J. 74649
Kompis, M., Dillier, N. Noise reduction for hearing aids: combining directional microphones with an adaptive beamformer 98950
Komrakov, G.P. *see* Bernhardt, P.A. 51114
Komrakov, G.P. *see* Leyser, T.B. 94822
Komrakova, H.D. *see* Demidovich, V.B. 54262
Komukai, T. *see* Ogimoto, K. 89056
Komura, K. *see* Masakawa, T. 91693
Komura, T. *see* Fernando, C.A.N. 78781
Komura, T. *see* Takahashi, E. 90344
Komuro, H. *see* Honma, H. 78196
Komuro, T. *see* Soeda, K. 61704
Komvopoulos, K., Wei, B., Anders, S., Anders, A., Brown, I.G. Surface modification of magnetic recording heads by plasma immersion ion implantation and deposition 82267
Kon, A. Thermal comfort sensor 97959
Kon, K. *see* Akiba, K. 85995
Kon, Y. *see* Nakajima, H. 72261
Kon Max Wong *see* Qiang Wu 57567
Kon Max Wong *see* Qiang Wu 84355
Kon Oh Dae *see* Dae Kon Oh
Konagai, M. *see* Kushiya, K. 100458
Konagai, M. *see* Okamoto, T. 70058
Konagai, M. *see* Oshima, T. 69963
Konagai, M. *see* Shirakashi, J.-I. 54906
Konagai, M. *see* Tojima, H. 71305
Konagai, M. *see* Wenas, W.W. 48998
Konagai, M. *see* Wenas, W.W. 100545
Konagai, M. *see* Wenas, W.W. 100582
Konagaya, A. *see* Motomura, M. 70624
Konaka, A. *see* Kierstead, J.A. 59085
Konaka, S., Kyuragi, H., Kobayashi, T., Deguchi, K., Yamamoto, E., Ohki, S., Yamamoto, Y. A 0.25-μm BiCMOS technology using SOR X-ray lithography 49932
Konaka, S. *see* Ugajin, M. 49972
Konakai, M. *see* Kojima, N. 91481
Konakova, R.V. *see* Milenin, V.V. 55654
Konan, D., Giovannini, H.R., Huard, S.J., Daxhelet, X. Temperature measurement with a tapered monomode fibre using coherence multiplexing 76055
Konar, S., Maheshwari, K.P. Reflection and refraction of a plane electromagnetic wave from a linear/nonlinear nonabsorbing media plane interface 57074
Konar, S., Sengupta, A. Propagation of an elliptic Gaussian laser beam in a medium with saturable nonlinearity 83299
Konar, S. *see* Sodha, M.S. 73051
Konashi, K., Sate, I., Yamaguchi, S., Ohshika, J. Design of an RF window based on thermal-stress analysis 49746
Konc, M., Spisak, P., Kollar, P., Sovak, P., Dusa, O., Reininger, T. Temperature dependence of the magnetization and of the other physical properties of rapidly quenched amorphous CoB alloys 72007
Konc, M. *see* Sovak, P. 72023
Konczewicz, L.K. *see* Georgakilas, A. 81272
Konczykowska, A. *see* Zuberek, W.M. 49069
Konda, M. *see* Yokoyama, R. 77487
Kondakov, A. *see* Arbuzov, V. 67173
Kondakova, I.V. *see* Klein, R.S. 94255
Kondakova, O.N. *see* Bolotnikov, A.E. 67415
Kondakova, O.N. *see* Ulin, S.E. 88134
Kondek, C.A., Poli, L.C. A submicron E-beam lithography process using an overcoating conducting polymer for the reduction of beam charging effects on lithium niobate and quartz 82219
Kondek, C.A. *see* Poli, L.C. 82622
Kondepudy, R., Healey, G. Modeling and identifying 3-D color textures 96037
Kondepudy, R. *see* Healey, G.E. 52944
Kondis, L., Chrisafis, C., Sahinoglou, H., Strintzis, M.G. 3D medical data compression 76907
Kondo, A. *see* Takahashi, K. 82263
Kondo, H. ATIS in Japan 75269
Kondo, H. *see* Jongsuck Bae 63661
Kondo, H. *see* Matsuo, M. 92259
Kondo, H. *see* Minami, Y. 52427
Kondo, K., Miyazaki, T., Tamura, Y. Shape formation of electrodeposited gold bumps 61338
Kondo, K., Ohno, M. Packet speech transmission on ATM networks using a variable rate embedded ADPCM coding scheme 51414
Kondo, K., Ukita, M., Yoshida, H., Okuyama, H., Ito, S., Ohata, T., Nakano, K., Ishibashi, A. A study of internal absorption in Zn(Cd)Se/ZnMgSSe semiconductor lasers 83123
Kondo, K. *see* Masuda, K. 98311
Kondo, K. *see* Matsuoka, R. 53773
Kondo, K. *see* Murakami, H. 67607
Kondo, K. *see* Oda, H. 93893
Kondo, K. *see* Takemoto, K. 100420
Kondo, K. *see* Yamamoto, K. 91470
Kondo, M., Anayama, C., Okada, N., Sekiguchi, H., Domen, K., Tanahashi, I. Crystallographic orientation dependence of impurity incorporation into III-V compound semiconductors grown by metalorganic vapor phase epitaxy 81424
Kondo, M., Anayama, C., Sekiguchi, H., Tanahashi, T. Mg-doping transients during metalorganic vapor phase epitaxy of GaAs and AlGaInP 71286
Kondo, M. *see* Anayama, C. 50849
Kondo, M. *see* Kuribayashi, S. 82952
Kondo, M. *see* Murakawa, T. 89636
Kondo, M. *see* Tanahashi, T. 56805
Kondo, M. *see* Tanahashi, T. 72844
Kondo, N. *see* Horie, M. 98305
Kondo, S. Lessons learned for PSA from the SGTR incident at Mihama, unit 2, in 1991 89487
Kondo, S. *see* Hirano, K. 51661
Kondo, S. *see* Hirano, K. 53393
Kondo, S. *see* Seung Hak Yang 89963
Kondo, S. *see* Wada, Y. 55573
Kondo, T., Isobe, T., Igi, S., Watari, S., Tokumaru, M. The new solar radio observation system at Hiraiso 58521
Kondo, T., Isobe, T., Igi, S., Watari, S., Tokumaru, M. The new solar radio spectrograph at Hiraiso 86633
Kondo, T. *see* Haruyama, T. 94010
Kondo, T. *see* Jie Wu 83286
Kondo, T. *see* Kiuchi, H. 87034
Kondo, T. *see* Matsuoka, F. 92220
Kondo, T. *see* Takahashi, H. 94637
Kondo, Y., Koshiba, Y., Arima, Y., Murasaki, M., Yamada, T., Amishiro, H., Shinohara, H., Mori, H. A 1.2GFLOPS neural network chip exhibiting fast convergence 92452
Kondo, Y., Kouyama, T., Ohno, K., Tsuji, M., Nakamura, M., Fujii, Y. Optical damage resistance of $LiNbO_3$ thin-film optical waveguides grown by liquid-phase epitaxy 50529
Kondo, Y., Miyaguchi, S., Onoe, A., Fujii, Y. Quantitatively measured photorefractive sensitivity of proton-exchanged lithium niobate, proton-exchanged magnesium oxide-doped lithium niobate, and ion-exchanged potassium titanyl phosphate waveguides 63462
Kondo, Y., Suzuki, T. A software-defined architecture concept for telecommunication information systems 74843
Kondo, Y. *see* Haruyama, T. 94010
Kondo, Y. *see* Ikumi, N. 92283
Kondo, Y. *see* Ishii, H. 72797
Kondo, Y. *see* Kato, T. 52898
Kondo, Y. *see* Sato, K. 72809
Kondo, Y. *see* Sato, K. 75390
Kondo, Y. *see* Shibata, Y. 97294
Kondo, Y. *see* Shimizu, H. 54229
Kondo, Y. *see* Takahata, K. 72819
Kondoh, A., Kamibayashi, N., Okada, T., Ishimori, S., Fujii, S. Dependence of radar backscattering coefficient on the water equivalent and other snow conditions at C-band of ERS-1 SAR 77526
Kondoh, C. *see* Kadota, M. 82218
Kondoh, E., Kawano, Y., Takeyasu, N., Katagiri, T., Yamamoto, H., Ohta, T. Interconnection formation by simultaneous copper doping in chemical-vapor-deposited aluminum (Al-Cu CVD) 93259
Kondoh, H. *see* Hughes, B. 49659
Kondoh, H. *see* Ikezoe, J. 67481
Kondoh, H. *see* Notani, H. 70329
Kondoh, H. *see* Saito, H. 65523
Kondoh, H. *see* Yamanaka, H. 75161
Kondoh, H. *see* Yamanaka, H. 86010
Kondoh, J., Matsui, Y., Shiokawa, S. SH-SAW biosensor based on pH change 98131
Kondoh, J., Matsui, Y., Shiokawa, S., Wlodarski, W.B. Enzyme-immobilized SH-SAW biosensor 98126
Kondoh, J., Shiokawa, S. New application of shear horizontal surface acoustic wave sensors to identifying fruit juices 71909
Kondoh, J., Shiokawa, S. SH-SAW taste sensor based on acoustoelectric interaction 93857
Kondoh, J., Shiokawa, S. SH-SAW liquid sensor based on acoustoelectric interaction 97915
Kondoh, S. *see* Murayama, A. 63182
Kondoh, S. *see* Murayama, A. 71957
Kondoh, S. *see* Tajima, E. 72466
Kondoh, T. *see* Asakura, M. 92222
Kondoh, T. *see* Cho, T. 88031
Kondou, H. *see* Matsumaru, K. 91000
Kondou, K. *see* Hatsuzawa, T. 87540
Kondou, K. *see* Soeda, K. 61704
Kondou, T., Tomikawa, S., Eguti, I., Fukuda, S., Matsuba, S., Shiraishi, O. Low power PLL IC for cordless telephone μPD3140GS 65638
Kondou, Y. *see* Yamanoi, T. 58659
Kondow, M., Uomi, K., Hosomi, K., Mozume, T. Gas-source molecular beam epitaxy of GaN_xAs_{1-x} using a N radical as the N source 70057
Kondoz, A.M. *see* Ong, L.K. 64356
Kondoz, A.M. *see* Soheili, R. 84105
Kondoz, A.M. *see* Yeldener, S. 96868
Kondrashev, S.A. Intensive cluster ion beam production by laser radiation impact on the anode of a vacuum diode 53268
Kondrashov, Ye.V. *see* Manzhos, V.N. 51478
Kondratenko, A.N. *see* Azarenkov, N.A. 73459
Kondratenko, V.V. *see* Kozhevnikov, I.V. 67409
Kondrat'ev, B.S. *see* Imenkov, A.N. 56794
Kondrat'ev, I.G. *see* Zharov, A.A. 64159
Kondrat'ev, S.G. *see* Bondarenko, V.I. 90559
Kondratiev, L.N. *see* Katz, M.M. 98495
Kondratiev, L.N. *see* Vasiliev, A.A. 53221
Kondratyev, A., Kishinevsky, M., Lin, B., Vanbekbergen, P., Yakovlev, A. Basic gate implementation of speed-independent circuits 92097
Kondrat'yev, A.S. *see* Balagurovskiy, V.A. 83804
Kondrat'yev, I.G. *see* Zaboronkova, T.M. 51210
Kondziolka, R.E. *see* Kandaris, P.M. 78172
Kone, M. *see* Ziman, J. 72028
Konecny, R. *see* Chojnacki, E. 67073
Konecny, R. *see* Schoessow, P. 76364
Konefal, T., Marvin, A.C. Prediction and measurement of EMC radiated immunity problems in interconnected digital electronic systems 94876
Konen, P.-L. Guide distributor for faultless current control 59929
Konforti, N. *see* Inbar, H. 74443
Kong, G., Benson, T.M., Christopoulos, C. Simulation of beam-wave interactions without calculation of macroscopic source terms 92883
Kong, J.A. *see* Au, W.C. 73252
Kong, J.A. *see* Bourissou, A. 67799
Kong, J.A. *see* Hara, Y. 59596
Kong, J.A. *see* Hsu, C.C. 77712
Kong, J.A. *see* Lee, C.F. 51096
Kong, J.A. *see* Lim, H.H. 73290
Kong, J.A. *see* Xia, J.J. 93903
Kong, J.A. *see* Yueh, S.H. 77535
Kong, J.A. *see* Yueh, S.H. 88795
Kong, S.H. *see* Nguyen, D.C. 83193
Kong, S.H. *see* Sheffield, R.L. 76385
Kong, W., Fogarty, J., Solanki, R. Atomic layer epitaxy of ZnS:Tb thin film electroluminescent devices 72616
Kong, X., Thakor, N. Adaptive coherence estimation reveals nonlinear processes in injured brain 77009
Kong Byung Goo *see* Byung Goo Kong
Kong Fanyi *see* Ran Shucheng 100154
Kong Gwan-Sik *see* Gwan-Sik Kong
Kong Hong Jin *see* Hong Jin Kong
Kong Jin Au *see* Jin Au Kong
Kong Jin-Hyeung *see* Jin-Hyeung Kong
Kong Kim Jae *see* Jae Kong Kim
Kong Min *see* Min Kong
Kong MingQi *see* Wang Xin-yun 84170
Kong Tiesheng *see* Liang Diannong 65866
Kong Xuan *see* Xuan Kong
Konheim, A.G., Levy, H., Srinivasan, M.M. Descendant set: an efficient approach for the analysis of polling systems 51808
Konidaris, S. GLOBECOM 93: overview of the status of RACE—Research in Advanced Communications in Europe 74775
Konieczka, S. *see* Rouff, M. 97931
Konieczny, C. *see* Michaut, C. 53195
Konig, D. Surface and aging phenomena on organic insulation under the condition of light contamination and high electric stress 90304
Konig, D. *see* Graf, H.H. 59893
Konig, F. *see* Hornfeldt, S. 60275
Konig, S. *see* Bury, G. 59838
Konig, U. *see* Schuppen, A. 70869

Konig, W., Prevedelli, M., Onae, A., Andreae, T., Hansch, T.W. Precision measurement of the hydrogen and deuterium 1S-2S transition with a phase locked laser frequency chain 86871
Konig, W. *see* Felhauer, T. 75224
Konig, Y., Morgan, N. Supervised and unsupervised clustering of the speaker space for connectionist speech recognition 73819
Koniger, F. *see* Birch, J.R. 76149
Konigsmann, K. *see* Bruckner, W. 88025
Konijnenburg, M.H. *see* Van Der Linden, J.Th. 49377
Koning, A.H.J. *see* Zuiderveld, K.J. 59268
Koning, J., Jr. *see* Eagan, P. 90839
Konings, J.G. The process for certifying a continuous emission monitoring system (CEMS) for compliance under Part 75 89612
Konishi, E., Abe, K., Kusama, T. Urinary excretion and external radiation dose from patients administered with radiopharmaceuticals 67658
Konishi, H. *see* Kawaguchi, S. 79031
Konishi, H. *see* Saitoh, Y. 71780
Konishi, M. *see* Ishibashi, Y. 58543
Konishi, N. *see* Kawachi, G. 55961
Konishi, N. *see* Kawachi, G. 71632
Konishi, N. *see* Kawachi, G. 76120
Konishi, N. *see* Kawai, Y. 49888
Konishi, N. *see* Ono, K. 81895
Konishi, N. *see* Tanaka, T. 98211
Konishi, S. *see* Eguchi, N. 77966
Konishi, S. *see* Tanabu, T. 75772
Konishi, T. *see* Fuju, H. 96579
Konishi, T. *see* Iizuka, M. 50264
Konishi, T. *see* Tamaki, S. 61707
Konishi, Y., Chujo, W., Fujise, M. An optically controlled array antenna with a BFN using two laser sources 64245
Konishi, Y., Kamegawa, M., Case, M., Ruai Yu, Allen, S.T., Rodwell, M.J.W. A broadband free-space millimeter-wave vector transmission measurement system 76181
Konishi, Y. *see* Baba, Y. 58255
Konishi, Y. *see* Iwamoto, H. 92216
Konishi, Y. *see* Rodwell, M.J.W. 72643
Konishi, Y. *see* Ruai, Y.Yu. 70911
Koniya, K. The image and subject of image-acquisition technologies in the next generation 75722
Koniya, K. *see* Komatsu, N. 85434
Konkar, A. *see* Madhukar, A. 54936
Konkar, A. *see* Rajkumar, K.C. 54843
Konkol, A. *see* Galloway, S.A. 55553
Konkolovich, A.V. *see* Loiko, V.A. 64025
Kon'kov, O.I., Trapeznikova, I.N., Terukov, E.I. Schottky diode on $a\text{-}Si_{0.5}C_{0.5}$:H 71572
Kon'kov, O.I., Trapeznikova, I.N., Terukov, E.I. Electron mobility and density of states in a-C:H 92917
Kon'kov, O.I. *see* Konstantinov, A.O. 49893
Konmura, M. *see* Yamamoto, K. 59131
Konn, B. *see* Horstmann, E. 67564
Konneker, L. Introducing power monitoring units for distribution networks 99658
Konnert, J.H. *see* D'Antonio, P. 97578
Konnikov, S.G. *see* Verbitskaya, E.M. 58995
Konno, F. *see* Ohki, S. 75791
Konno, K., Kojima, T. A simple transmission system for 2.45 GHz multiple wireless gates 86311
Konno, T. *see* Baba, I. 60969
Konno, T.J., Sinclair, R. Metal-contact-induced crystallization of semiconductors 62141
Konno, Y. *see* Adachi, K. 53557
Konnov, I.R. *see* Bochkov, G.N. 73948
Kono, K., Morita, N., Yoshida, Y., Kishimoto, S. Measurement of strain distribution below the cutting surface using grid applied electron beam lithography 87555
Kono, M. *see* Chiba, N. 64603
Kono, R.-N., Jhon, M.S., Karis, T.E. Depth distribution of birefringence in magneto-optical recording disk substrates 72283
Kono, R.-N. *see* Peck, P.R. 50320
Kono, S. *see* Iida, O. 98027
Kononenko, A.A., Dukashev, Ye.P., Broun, D.S., Chamorovskii, S.K., Kruming, B.A., Yakushev, S.A. Model devices based on bacteriorhodopsin prototypes of positional-sensitive detectors 49731
Kononenko, A.G., Latenko, V.I., Masyurenko, Yu.A., Nizhenskii, A.D., Ornatskii, I.A., Sidorchuk, V.E. Frequency errors in precision phase light range finders 87547
Kononenko, S. *see* Androsov, V. 76390
Kononenko, S. *see* Bar'yakhtar, V. 67407
Kononenko, S. *see* Efimov, S. 76546
Kononenko, S.G. *see* Bulyak, E.V. 76573
Kononenko, T.V. *see* Konov, V.I. 64042
Kononenko, V.K. *see* Afonenko, A.A. 50839
Kononov, M.A. *see* Alimov, O.A. 87330
Kononov, M.V. *see* Gontar, I.A. 56192
Kononov, R.I. *see* Valeiko, M.V. 98269
Kononov, R.I. *see* Vetoshko, P.M. 50605
Kononovich, A.L. An advanced approach for the standardization of emissions and releases from nuclear power plants 89460
Konopaltseva, L. *see* Volosovitch, A. 82689
Konopaltseva, L.I. *see* Bayborodin, Yu.V. 72408
Konopaltseva, L.I. *see* Berezhnoy, A.A. 82690
Konopel'ko, V.K., Tarasov, S.A. Correction of modular errors by homogeneous codes 64281
Konoplev, Yu.N., Mamaev, Yu.A., Starostin, V.N., Turkin, A.A. A thin film interference filter for wavelengths of 1.064 and 0.63 μm 72556
Konoplev, Yu.N., Mamaev, Yu.A., Starostin, V.N., Turkin, A.A. A thin-film polarizer for the XeCl laser 72985
Konopleva, T.A. *see* Belolaptikov, I.A. 59156
Konoplyannikov, A.K. *see* Grebenev, V.N. 88135
Konorov, I. *see* Bruckner, W. 88025
Konosu, K. *see* Kishi, T. 87508
Konov, V.I., Ralchenko, V.G., Pimenov, S.M., Smolin, A.A., Kononenko, T.V. Laser microprocessing of diamond and diamond-like films 64042
Konov, V.I. *see* Pimenov, S.M. 81560
Konovalov, S.I., Kuz'menko, A.G. The effect of transients in transducers on pulse antenna directivity 77748
Konovalov, V.A. *see* Azovsky, V.V. 56634
Konowalow, V., Tytschkow, J., Terentjew, V. Developments of nuclear power in Russia 89454
Konoza, S., Dzieniakowski, M.A. Single-module three-phase IGBT inverter 100317
Konrad, A., Rahim, R. Time domain finite element analysis of transients in multi-conductor systems 73409
Konrad, A. *see* Chen, Q. 83514
Konrad, A. *see* Fakhraie, S.M. 83450
Konrad, A. *see* Miranda, G.C. 88951
Konrad, A. *see* Miranda, G.C. 88952
Konrad, A. *see* Qiushi Chen 73232
Konrad, A. *see* Qiushi Chen 83505
Konrad, A. *see* Tsukerman, I. 89843
Konrad, J. *see* Dubois, E. 74410
Konrad, U. *see* Felgenhauer, D. 68153
Konrads, U. *see* Abramowski, S. 96842
Konstantin, B. *see* Sebko, V.V. 55018
Konstantinides, K. Fast subband filtering in MPEG audio coding 51430
Konstantinides, K., Natarajan, B.K. An architecture for lossy compression of waveforms using piecewise-linear approximation 88497
Konstantinides, K., Rasure, J.R. The Khoros software development environment for image and signal processing 64455
Konstantinov, A.O., Konstantinova, N.S., Kon'kov, O.I., Terukov, E.I., Ivanov, P.A. Passivation of crystalline silicon carbide in a hydrogen plasma 49893
Konstantinov, A.O. *see* Ivanov, P.A. 93060
Konstantinov, B.A. *see* Novoselov, A.N. 71529
Konstantinov, O.V. *see* Bychkovskii, D.N. 93046
Konstantinov, O.V. *see* Inovenkov, A.N. 55094
Konstantinov, V.B. *see* Mirzoeva, L.A. 72290
Konstantinov, V.M. *see* Igumenov, V.T. 60237
Konstantinova, A.V. *see* Shelkovnikov, V.V. 57018
Konstantinova, N.N., Lunev, A.V., Magomedov, M.A., Rud, Yu.V., Ushakova, T.N. Photovoltaic effect in thin-film $CdS<In>CuInSe_2$ heterostructures 55615
Konstantinova, N.S. *see* Konstantinov, A.O. 49893
Konstantopoulos, T. *see* Anantharam, V. 85228
Konstanzer, M. Soft switching of inductive loads 100316
Konta, I. *see* Kasuga, M. 92694
Kontani, N. *see* Sugiura, H. 52693
Kontaxakis, G., Tzanakos, G. Study of the convergence properties of the EM algorithm—a new stopping rule 59322
Kontkiewicz, A.M. *see* Lagowski, J. 81216
Kontoleon, J.M. *see* Dokouzyannis, S.P. 70446
Kontopoulos, A.S. *see* Shirkoohi, G.H. 63159
Kontorovich, B.I. *see* Dralyuk, B.N. 60636
Kontovasilis, K.P., Mitrou, N.M. Bursty traffic modeling and efficient analysis algorithms via fluid-flow models for ATM IBCN 64985
Kontovasilis, K.P. *see* Mitrou, N.M. 57938
Kontovassilis, K. *see* Cosmas, J.P. 57937
Kontsevich, L.L. *see* Drew, M.S. 84713
Konuma, K., Utsumi, H. Epitaxial orientation of PtSi grown by Pt deposition on heated Si(001) substrate 79792
Konuma, K. *see* Tohyama, S. 98089
Konuma, M., Silier, I., Czech, E., Bauser, E. Semiconductor liquid phase epitaxy for solar cell application 91469
Konun, J. *see* Aoki, S. 53304
Konvalinka, I. A new class of two-dimensional windows for bispectrum estimation 57499
Konyaev, V.P. *see* Akimova, I.V. 63809
Konyaev, V.P. *see* Arjanov, E.V. 94459
Konyaev, V.P. *see* Arzhanov, E.V. 72795
Konyaev, V.P. *see* Arzhanov, E.V. 83046
Konyaev, V.P. *see* Batai, L.E. 56304
Konyaev, V.P. *see* Bykovskii, Yu.A. 83106
Konynenberg, A. The basics of SONET testing 65791
Konyukhov, A.V. *see* Arinushkin, V.N. 49958
Konz, E. *see* Neuschafer, D. 50936
Koo, B. *see* Jain, V.K. 75248
Koo, B.J. *see* Hwang, J.-S. 69991
Koo, D. *see* Johnson, L. 86685
Koo, D.Y. A practical timing-risk analysis method 54636
Koo, J.M., Kim, H.S., Un, C.K. A Korean large vocabulary speech recognition system for automatic telephone number query service 65218
Koo, K.P. *see* Moeller, R.P. 76041
Koo, Y.M., Kim, D.E., Nah, Y.G., Han, H.S., Kang, B.K., Park, K.H., Yoon, J.R., Lee, H.K., Milburn, J.E. Prototype quadrupole magnets for the PLS storage ring 76665
Koo, Y.M. *see* Kang, B.K. 76650
Koo Ha Sung *see* Ha Sung Koo
Koo Horng-Show *see* Horng-Show Koo
Koo Kang Bong *see* Bong Koo Kang
Koo Kim Hong *see* Hong Koo Kim
Koo Rhee Jin *see* Jin Koo Rhee
Koo Yong Seo *see* Yong Seo Koo
Koo Yong Wan *see* Yong Wan Koo
Koo Yong-Seo *see* Yong-Seo Koo
Kooi, J.W., Chan, M., Bumble, B., LeDuc, H.G., Schaffer, P.L., Phillips, T.G. 180-425 GHz low noise SIS waveguide receivers employing tuned $Nb/AlO_x/Nb$ tunnel junctions 61612
Kooi, P.S. *see* Gao, M.Z. 73348
Kooi, P.S. *see* Li, L.W. 64133
Kooi, P.S. *see* Li, L.W. 94800
Kooi, P.S. *see* Uysal, S. 80590
Kooi Pang-Shyan *see* Pang-Shyan Kooi
Kook, K.H. *see* Roh, S.K. 64990
Kook, T. *see* Liu, C.T. 63025
Kook Chun Sang *see* Sang Kook Chun
Kook Sang-Hoon *see* Sang-Hoon Kook
Kook-Hyun Ha *see* Jae-Woong Ko 82333
Koomen, P.J. The development of a phased array universal synthetic aperture radar (PHARUS) 97424
Koon Seng Lim *see* Kisenchand Ranai 65251
Koon Seng Lim *see* Lazar, A.A. 51916
Koontz, R. *see* Ruth, R.D. 66791
Koontz, R. *see* Vlieks, A.E. 67011
Koontz, R.F., Cassel, R., de Lamare, J., Ficklin, D., Gold, S., Harris, K. Pulse modulator developments in support of klystron testing at SLAC 68755
Koop, I. *see* Danilov, V. 87823
Koopal, C.G.J., Bos, A.A.C.M., Nolte, R.J.M. Third-generation glucose biosensor incorporated in a conducting printing ink 59249
Koopman, J. *see* Camas, J. 76613
Koopman, N., Bobbio, S., Nangalia, S., Bousaba, J., Piekarski, B. Fluxless soldering in air and nitrogen 90959
Koopman, P. *see* Upender, B.P. 85661
Koopmann, G. ATM: Characteristics and benefits for public network operators 85877
Koopmann, G.H. *see* Hoffmann, T.L. 58645
Koori, N. *see* Nohtomi, A. 88210
Koori, N. *see* Nohtomi, A. 98608
Koori, N. *see* Widodo, S. 59139
Koornstra, M.J. Safety relevance of vision research and theory 98735
Kooten, M.van *see* van Kooten, M.
Kootsookos, P.J. *see* Clarkson, V. 84358
Kootsookos, P.J. *see* Williamson, R.C. 64463
Kopacek, P. *see* Zauner, M. 65339
Kopala, E. *see* Preston, E. 87299
Kopala, E. *see* Preston, E. 87302
Kopanska-Brodka, D. Stochastic programming problems in a decision making process 48814
Kopatz, M., Miri, A.M. Seismic qualification of high-voltage substations 78756
Kopca, D.J. *see* Sullivan, M.F. 55078
Kopcansky, P. *see* Tomco, L. 71929
Kopcsay, G.V. *see* Deutsch, A. 92657
Kopec, G.E., Chou, P.A. Document image decoding using Markov source models 64780
Kopec, G.E., Chou, P.A. Document image decoding using Markov source models 84961
Kopec, G.E., Chou, P.A. A communication theory framework for document recognition 95642
Kopecz, J. A cortical structure for real world image processing 57881
Kopeika, N.S. *see* Arnon, S. 65820
Kopeika, N.S. *see* Arnon, S. 86340
Kopeika, N.S. *see* Arnon, S. 86451
Kopeika, N.S. *see* Arnon, S. 97320
Kopeika, N.S. *see* Cohen, M. 52862
Kopeika, N.S. *see* Cohen, M. 87178
Kopeika, N.S. *see* Hadar, O. 99398
Kopeikin, V.N. *see* Kirillov, V.V. 57110
Kopelev, S.Z. *see* Batenin, V.M. 89703
Kopelev, S.Z. *see* Epifanov, V.M. 99951
Kopelman, O. Streamline your design process with QRPD 69517
Koperny, S. *see* Bednarek, B. 87995
Kopet, T. Programmable architectures for real-time video compression 70673
Kopetz, H. Biocombustibles [renewable energy] 99822
Kopev, P.S. *see* Aninkevicius, V. 62274
Kop'ev, P.S. *see* Egorov, A.Yu. 54910
Kop'ev, P.S. *see* Egorov, A.Yu. 91449
Kop'ev, P.S. *see* Kirstaedter, N. 83054
Kop'ev, P.S. *see* Ledentsov, N.N. 91450
Kopf, R.F. *see* Keil, U.D. 63576
Kopf, R.F. *see* Pearton, S.J. 71319
Kopf, R.F. *see* Pearton, S.J. 71390
Kopica, M. *see* Iftimia, N. 99163
Kopikov, S.V. *see* Grebenev, V.N. 88135
Kopinga, K. *see* Herweijer, J.A. 58656
Kopl, R. *see* Bertagnolli, E. 71612
Koplowitz, J. *see* Ivic, A. 95990
Kopola, H. *see* Nissila, S. 52940
Kopp, B.T. *see* Carden, F. 51357
Kopp, D.L., Bevan, M.G. Conductive adhesive substitutes for tin-lead solder 92760

Kopp, M. *see* Copeland, R.L. 87066
Kopp, S. *see* Mahn, J. 79331
Kopp, W.F. *see* Smith, P.M. 80839
Koppe, R. *see* Blankevoort, J. 66042
Koppensteiner, E., Bauer, G., Holy, V., Kasper, E. High resolution X-ray triple axis diffractometry of short period Si_mGe_n superlattices 61248
Koprivnikar, J. *see* Matko, V. 66198
Koprivnikar, J. *see* Matko, V. 66773
Koprivnikar, J. *see* Matko, V. 75966
Koprowksi, W. A high power, low distortion feed-forward amplifier 61583
Kopsch, H.J. Measurement tasks on SDH network elements in pilot phases 85234
Koptev, Yu.V. *see* Latush, E.L. 94350
Kopylov, A. *see* Danshin, S. 98526
Kopylov, A.V. *see* Barabanov, I.R. 59170
Kopylov, M.F. Activation, stabilization degradation, and lifetime predictions of refractory thin film emitters operated in cold cathode magnetrons 62091
Kopylov, V.B. *see* Ignat'ev, A.S. 71729
Kopytov, Yu.V. Common activities of the journal and the energy control organisations in the area of energy conservation 100791
Korableva, S.L. *see* Dubinskii, M.A. 72718
Korach, E. Two-trees optimal T-join and integral packing of T-cuts 79594
Korach, E. *see* Tel, G. 57929
Korakianitis, T., Wilson, D.G. Models for predicting the performance of Brayton-cycle engines 60104
Koralek, R.W. *see* Chethik, F. 75362
Koranagi, K. *see* Michigami, T. 99975
Korb, C.L. *see* Gentry, B.M. 83406
Korba, L. Variable aperture sonar for mobile robots 97474
Korba, L., Elgazzar, S., Welch, T. Active infrared sensors for mobile robots 75988
Korba, L. *see* McMath, W.S. 97993
Korbel, V. The H1 LAr-calorimeter at HERA, design, performance and status 67323
Korbel, V. *see* Appuhn, R.D. 98542
Korbel, V. *see* Janoth, J. 92905
Korbicz, J., Podladchikov, V., Bidyuk, P. Integration of multisensor measurements using modified Kalman filter 59458
Korbicz, J., Ucinski, D., Pieczynski, A., Marczewska, G. Knowledge-based fault detection and isolation system for power plant simulator 53694
Korchagina, E.G. *see* Askaryan, G.A. 67881
Korchagina, E.N. *see* Solov'ev, V.I. 89585
Korchazchkin, S.V., Krasnova, L.O. Visualization and measurement of heterogeneous laser radiation within wide spectral range 94576
Korchemskaya, E.Y., Soskin, M.S., Vsevolodov, N.N. Application of the dynamic holography for study of the light adaptation process of the purple membranes 64013
Korchev, D.V. *see* Sharma, O.M. 70651
Korchuganov, V., Kulipanov, G., Levichev, E., Nezhevenko, O., Ostreiko, G., Philipchenko, A., Serdobintsev, G., Shairmerdenov, E., Ushakov, V., Kadnikov, A., Krylov, Yu., Kuznetsov, S., Ushkov, V., Yupinov, Yu. Commissioning of the SIBERIA-2 preinjector and first beam results 66999
Korchuganov, V., Levichev, E., Philipchenko, A. Treatment of the results of magnetic mapping of the SIBERIA-2 magnets 76664
Korchuganov, V., Levichev, E., Sajaev, V. Chromaticity compensation and dynamic aperture limitation of SIBERIA-2 66911
Korchuganov, V. *see* Erg, G. 67200
Kordas, N., Manoli, Y., Mokwa, W., Rospert, M. A CMOS-compatible monolithic conductivity sensor with integrated electrodes 67439
Korde, R. *see* Wenzel, K.W. 88058
Korde, R. *see* Wenzel, K.W. 98690
Kordenko, O.I. *see* Sysoev, B.I. 61379
Kordos, P. *see* Marso, M. 58797
Korec, I. A density estimate for the $3x+1$ problem 91239
Korec, J. *see* Held, R. 55974
Korec, J. *see* Mitosinka, J. 78321
Korec, J. *see* Neubrand, H. 56000
Koren, G., Polturak, E. Properties of $YBa_2Cu_3O_{7-\delta}/YBa_2Co_xCu_{3-x}O_y/YBa_2Cu_3O_{7-\delta}$ Josephson edge junctions with $0.1 \leqslant x \leqslant 0.3$ and the effect of flux flow on their normal resistance 82383
Koren, G., Polturak, E., Reisner, G.M., Fisher, B., Patlagan, L. $YBa_2CoCu_2O_y$, $PrBa_2CoCu_2O_y$ and $PrBa_2Cu_3O_{7-\delta}$ as barriers/insulators in $YBa_2Cu_3O_{7-\delta}$ based Josephson junctions 56244
Koren, I., Koren, Z., Stapper, C.H. A statistical study of defect maps of large area VLSI IC's 56060
Koren, I. *see* Dasgupta, A. 49074
Koren, I. *see* Lalwaney, P. 50632
Koren, I. *see* Phatak, D.S. 70401
Koren, I. *see* Yu, K. 69640
Koren, N.L. $(1+D)^n$ partial response channels for UMR heads 50366
Koren, U., Michael, R.B., Miller, B.I., Young, M.G., Chien, M., Yaffe, H.H., Raybon, G., Dreyer, K. Electroabsorption modulator with passive waveguide spotsize converters 94197
Koren, U. *see* Froberg, N.M. 97318
Koren, U. *see* Heismann, F. 50712
Koren, U. *see* I-Hsing Tan 87184
Koren, U. *see* Kim, I. 56764
Koren, U. *see* Kim, I. 63466
Koren, U. *see* Raybon, G. 75508
Koren, U. *see* Tessler, N. 50805
Koren, U. *see* Verdiell, J.-M. 86362
Koren, U. *see* Zirngibl, M. 52598
Koren, Z., Simunic, D., Goldoni, J. Electromagnetic fields effects on biological tissues 99008
Koren, Z. *see* Koren, I. 56060
Korenchenko, A.S. *see* Baranov, V.A. 76849
Korenchenko, S.M. *see* Baranov, V.A. 76849
Korenev, I.L. *see* Zhabitsky, V.M. 76625
Korenev, S. Ion beam of dielectrics in the pulsed ion source with explosive emission 53246
Korenev, V.L. *see* Kalevich, V.K. 71176
Korenyi-Both, A.L. *see* Weizer, V.G. 100520
Koreshev, S.N. On construction of recording schemes for a holographic structure on the surface of the primary adaptive telescope mirror and on requirements for their geometrical parameters 73170
Koreshev, S.N. On application of holographic diffraction structures for phase control of multiaperture optical telescope systems 73171
Koreshev, S.N. On requirements for the relief profile of a holographic structure deposited on an optical telescope primary mirror surface 83383
Koretskii, A.V. *see* Vorob'ev, A.P. 76751
Korevaar, J., Meyers, J.L.H. Chebyshev-type quadrature on multidimensional domains 79712
Korezlioglu, H. *see* Kofman, D. 96193
Korhonen, M.A., Borgesen, P., Brown, D.D., Li, C.-Y., Sullivan, T.D., Totta, P.A. Statistics of stress migration and electromigration failures of passivated interconnect lines 62536
Korhonen, M.A. *see* Borgesen, P. 71404
Koriem, S.M., Patnaik, L.M. Performance of the node/link behaviour of multicomputer networks with input buffer limiting and channel contention 85639
Koriguchi, F. *see* Terauchi, M. 70501
Koring, D. *see* Betz, T. 100403
Koripella, C.R. *see* Gupta, S.P. 55440
Korkishko, Yu.N., Fedorov, V.A. Reverse proton exchange in lithium tantalate crystals 72352
Korkishko, Yu.N. *see* Fedorov, V.A. 82682
Korman, C.E. *see* Tai, G.-C. 81754
Kormano, M., Kallio, T., Heinila, J. Teleradiology in Turku University Hospital—diagnostic evaluation and clinical applications 66016
Kormany, T., Vegh, G., Steer, A., Nguyen, M.T. Impact of iron contamination on defect formation and yield in IC processing 82082
Kormanyos, B.K., Harokopus, W., Jr., Katehi, L.P.B., Rebeiz, G.M. CPW-fed active slot antennas 57260
Kormanyos, B.K., Rebeiz, G.M. Oscillator design for maximum added power 61595
Kormanyos, B.K., Rebeiz, G.M. 20-GHz power combining slot-oscillator array 70932
Kormanyos, B.K., Rosenbaum, S.E., Katehi, L.P., Rebeiz, G.M. Monolithic 155 GHz and 215 GHz quasi-optical slot oscillators 80841
Kormanyos, B.K. *see* Rosenbaum, S.E. 92615
Kormos, F. *see* Hopirtean, E. 66717
Kormos, K.A. *see* Markum, A.D. 58854
Korn, G. *see* Ringling, J. 73109
Korn, I. Relation between bit and symbol error probabilities for frequency shift keying with limiter—discriminator detection 51521
Korn, I. Relation between bit and symbol error probabilities for FSK with LDI detection 83910
Korn, I., Hii, L.M. Relation between bit and symbol error probabilities for DPSK and FSK with differential phase detection 95213
Korn, I., Lei Wei Q^2DPSK in the satellite mobile channel with ISI and CSI 52408
Korn, I., Lei Wei Combined frequency and differential phase shift keying with non-coherent detection in satellite mobile channel 75277
Korn, J. Fundamental problems in engineering degree courses 69390
Kornblit, A. *see* Liu, C.T. 63025
Kornblit, A. *see* Yu, D.C.H. 82078
Kornblit, M.J., Spitznagel, K.A. Installing a fuel cell on an existing power system 68503
Kornblit, M.J. *see* Albaugh, J.R. 69265
Kornblit, M.J. *see* Albaugh, J.R. 90689
Kornecki, A.J. AI for air traffic 99122
Korneev, V.V. *see* Mikerov, V.I. 74015
Korneev, V.V. *see* Seleznev, B.V. 63266
Korner, H.J. *see* Ciric, M. 59198
Korner, H.J. *see* Friese, J. 87970
Korner, J., Lucertini, M. Compressing inconsistent data 74165
Korner, J. *see* Galluccio, A. 79608
Korner, J. *see* Gargano, L. 91290
Korner, R. *see* Veitch, R.J. 50284
Korner, W., Scheller, H., Beck, A., Fricke, J. PDLC films for control of light transmission 94209
Kornerup, P. Digit-set conversions: generalizations and applications 49354
Kornerup, P. A systolic, linear-array multiplier for a class of right-shift algorithms 70419
Kornet, J.G. *see* Visscher, G.J.W. 99165
Kornev, V.K. *see* Erokhin, A.A. 87016
Korneyenko, N.M. Combinatorial algorithms on a class of graphs 91254
Kornher, K. *see* Tew, C. 98228
Kornienko, L.S. *see* Dianov, E.M. 56866
Kornilov, E.A. *see* Antonov, A.N. 92465
Kornilov, E.A. *see* Bliokh, Yu.P. 92464
Kornilov, G.V., Lazarev, A.V., Morozov, A.I., Sungen, Z. Acoustic microscopy: a new method of precious stone diagnostics 99371
Kornis, J. *see* Adam, A. 88102
Kornis, J. *see* Adriani, O. 88023
Korniyenko, V.N., Pikunov, V.M., Cherepenin, V.A. Numerical model for investigating nonsteady-state interaction processes of high-power electron beams and electromagnetic fields in electrodynamic structures with diffraction losses 94741
Korntsenko, L.S. *see* Vasilev, A.B. 50893
Korobkov, A.I., Pripistsov, S.S., Shagurin, I.I. Analytical model for a nonuniformly doped high electron mobility transistor for calculating digital LSI logic elements 71722
Korobova, N.I. *see* Alferov, D.F. 60380
Korol', N.A., Nikolaenko, A.P. Measurement of distances to nearby thunderstorm discharges 67809
Korolev, A.A. *see* Furman, E.G. 53097
Korolev, A.P., Trifonov, I.I. Calculation of inverting amplifiers with finite amplification and expanded frequency range on the basis of operational amplifiers 55149
Korolev, B.V. *see* Ippolitov, I.I. 99926
Korolev, M.B. Formation of a matrix for a given determinant 91176
Korolev, N.I. Plausibility estimate of a correlation method of point image registration 74548
Korolev, V.I. *see* Kalyashova, Z.N. 63529
Korolev, V.I. *see* Kalyashova, Z.N. 73142
Korolev, V.N., Marugin, A.V., Kharchev, A.V., Tsaregradskii, V.B. Investigation of single-frequency stability of external-cavity injection laser 56746
Korolev, V.N. *see* Gomzyakov, Yu.I. 53914
Korolev, V.S. *see* Afanasiev, S.V. 52771
Korolkova, E.V. *see* Aglietta, M. 67318
Korolyov, A.V., Gaviko, V.S., Mushnikov, N.V. Quasi-magnetoelastic aftereffect and induced magnetic anisotropy caused by absorbed hydrogen in rare-earth $MgCu_2$-structure compounds 50220
Koronkevich, V.P. *see* Dontsova, V.V. 56302
Korony, G. *see* Miron, N. 87122
Korotchenko, A.V. *see* Galushkin, M.G. 56630
Korotchenko, A.V. *see* Zabelin, A.M. 56637
Koroteev, N.I. *see* Zheltikov, A.M. 73010
Korotkevich, M.A. The effectiveness of utilising distribution network transformers after expiration of their rated life 59928
Korotkevich, S.K. *see* Larkin, S.Y. 93931
Korotkov, A.N. Intrinsic noise of the single-electron transistor 55675
Korotkov, A.N. Single-electron transistor controlled with a RC circuit 71720
Korotkov, A.N., Averin, D.V., Likharev, K.K. Statistical properties of continuous-wave Bloch oscillations in double-well semiconductor heterostructures 49795
Korotkov, A.N., Samuelsen, M.R., Vasenko, S.A. Effects of overheating in a single-electron transistor 93517
Korotkov, A.N. *see* Larin, B.M. 89565
Korotkova, N.A. *see* Gusev, S.A. 81488
Korotky, S.K. *see* Ota, Y. 52561
Korovin, N.V. Development of fuel cells and electrolyzers in the former USSR 78800
Korovin, N.V. Electrochemical power plants based on fuel cells: their state and prospects 100038
Korovin, S.D., Pegel', I.V. Numerical calculation of the formation of high-current electron flows in coaxial magnetically insulated diodes 71038
Korovin, S.D., Polevin, S.D., Roitman, A.M., Rostov, V.V. The effect of forward waves in the operation of a uniform relativistic backward wave tube 49751
Korovin, S.D. *see* Gabanov, V.P. 90182
Koroza, G.A. *see* Bubnov, V.P. 53930
Korpalski, T. Pragmatic use of priority life cycle assessment elements to help drive product stewardship 79236
Korpar, S. *see* Cindro, V. 59068
Korpar, S. *see* Staric, M. 88098
Korpar, S. *see* Staric, M. 98632
Korres, G.N., Contaxis, G.C. A tool for the evaluation and selection of state estimator measurement schemes 78243
Korsak, V.F. *see* Barlabanov, V.V. 57487
Korschinek, G. *see* Henkelmann, T. 53186
Korsh, G. *see* Boskin, E.D. 56083
Korsh, G.J. *see* Boskin, E.D. 82068
Korshunov, F.P., Lastovskii, S.B., Marchenko, I.G. Characteristics of electron-bombarded p-n junctions in the avalanche-breakdown region 55594
Korshunov, F.P. *see* Komarov, B.A. 55547
Korsmeyer, F.T. *see* Nabors, K. 54789
Korst, J., Aarts, E., Lenstra, J.K., Wessels, J. Periodic assignment and graph colouring 69744
Korsunskaya, N.E. *see* Drozdova, I.A. 49775
Korsunsky, S.V. *see* Larkin, S.Y. 93931
Kortan, A.R. *see* Feijoo, D. 93081
Kortchaguin, P.V. *see* Aglietta, M. 67318

Kortchaguin, V.B. *see* Aglietta, M. 67318
Korte, C. *see* Alexander, J.P. 59072
Korte, C. *see* Alexander, J.P. 70305
Korte, P.A.J.de *see* de Korte, P.A.J.
Korteniemi, A., Lahdenpohja, S. Experiences in testing an expert system for vibration based diagnostics 68548
Korthout, L. *see* Van De Steeg, M. 87284
Kortright, J.B. *see* Brennan, S. 82032
Kortsarz, G., Peleg, D. Traffic-light scheduling on the grid 85570
Korus, J.F. *see* Tiltges, D.L. 69261
Korver, H., Springintveld, J. A computer-checked verification of Milner's scheduler 57992
Korvink, J. *see* Paul, O.M. 56080
Korvink, J.G., Funk, J., Baltes, H. IMEMS modeling 81414
Korwan, D.R. *see* Indebetouw, G. 56898
Kory, C.L., Wilson, J.D., Maruschek, J.W., Schroeder, D.L. Simulation of cold-test dispersion and interaction impedances for coupled-cavity tube slow-wave circuits 62126
Koryabin, A.V., Shmalhausen, V.I. Adaptive methods for laser beam control 72993
Korytin, A. *see* Babin, A. 73150
Korytin, A.I. *see* Vanin, E.V. 83285
Korytkowski, J. *see* Sroka, J. 73219
Korytov, A. *see* McNeil, R.R. 87988
Koryukin, V.A. *see* Gerashchenko, S.S. 90462
Korzekwa, D.A., Bingert, J.F., Podtburg, E.J., Miles, P. Deformation processing of wires and tapes using the oxide-powder-in-tube method 63277
Korzhenevich, Ye.L. *see* Ginzburg, V.M. 87175
Korzhik, M.V. *see* Buyanov, O.V. 98501
Korzhik, M.V. *see* Fyodorov, A.A. 98628
Korzhik, V.P. A lower bound for the one-chromatic number of a surface 54677
Korzinin, V.N., Selivanov, A.M. A two-channel recorder for a magnetometer with an independently powered RAMs 52780
Korzun, B.V. *see* Lipnitskii, V.I. 63555
Korzun, B.V. *see* Savchuk, V.A. 63556
Korzunova, L. Piezoelectric ceramics for high-temperature transducers 56150
Kos, A. Thermal analysis of hybrid circuits. Part I. Analytical methods 71004
Kos, A. Thermal analysis of hybrid circuits. Part II. Numerical methods, applications 71005
Kos, A. TOPO-SPICE program for electro−thermal analysis 92827
Kos, A., De Mey, G. Neural computation for optimum power hybrid circuit design 55118
Kos, A.B. *see* Cross, R.W. 72112
Kos, M. *see* Zuric-Hudek, V. 86376
Kos, S. *see* Ticac, A. 97440
Kos, T. New technical solutions in television systems 97664
Kosa, T.I., Wagner, T., Ewen, P.J.S., Owen, A.E. Optical properties of silver-doped $As_{33}S_{67}$ 72279
Kosaka, H., Kurihara, K., Uemura, A., Yoshikawa, T., Ogura, I., Numai, T., Sugimoto, M., Kasahara, K. Uniform characteristics with low threshold and high efficiency for a single-transverse-mode vertical-cavity surface-emitting laser-type device array 50826
Kosaka, H., Shibata, T., Ishii, H., Ohmi, T. An excellent weight-updating-linearity synapse memory cell for self-learning neuron MOS neural networks 92446
Kosaka, H. *see* Ishii, H. 61858
Kosaka, H. *see* Kurihara, K. 56579
Kosaka, H. *see* Saito, H. 94554
Kosaka, T., Takami, J., Sagayama, S. Rapid speaker adaptation using speaker-mixture allophone models applied to speaker-independent speech recognition 84093
Kosaka, Y. *see* Hirakata, K. 63100
Kosaki, K. *see* Shimura, T. 92529
Kosaki, M. *see* Hara, M. 71840
Kosaki, M. *see* Krahenbuhl, F. 82163
Kosako, H. *see* Tsuruno, R. 88445
Kosakowski, J. *see* Chu, W. 49927
Kosakowski, J. *see* Dobisz, E.A. 81599
Kosakowski, J. *see* Shirey, L.M. 81598
Kosal, H., Skoog, R.A. A control mechanism to prevent correlated message arrivals from degrading Signaling No. 7 network performance 51799
Kosarev, A.I., Trofimov, G.S. Dynamic interference grating−new technique for the study of non-crystalline films 72559
Kosarev, Y.P. *see* Khlebalin, Yu.M. 99943
Kosareva, E.G. *see* Lisitsyn, M.V. 78530
Kosbar, K.L., Zaninovich, J.J. Periodic PN sequence delay estimation using phase spectrum data 86055
Kosbar, K.L. *see* Tranter, W.H. 74629
Kosc, P. *see* Profumo, F. 90483
Kosc, T. *see* Kowalczyk, T.C. 82629
Koschan, A. Chromatic block matching for dense stereo correspondence 84892
Koschinski, P., Dworak, V., Kaufmann, K., Balk, L.J. Prospects of an application of a scanning tunnelling microscope to electron beam induced current (EBIC) investigations 81984
Koschnick, W. *see* O'Mathuna, S.C. 79335
Koscielniak, J., Berliner, L.J. Dual diode detector for homodyne EPR microwave bridges 70322
Koscielniak, S., Iliev, A. Simulation of 4-turn algorithms for reconstructing lattice optics functions from orbit measurements 98397
Koscielniak, S.R. Analytic criteria for stability of beam loaded R.F. systems 87870
Koseki, K., Nakano, Y., Nomura, T., Isshiki, T., Nishio, K., Saijo, H., Shiojiri, M. High-resolution electron microscopy study of $(BaSrCa)TiO_3$ ceramics 70172
Koseki, O. *see* Saitoh, Y. 88124
Koseki, O. *see* Saitoh, Y. 98580
Koseki, S. *see* Kumada, M. 68748
Koseki, T., Izawa, M., Kamiya, Y. Suppression of higher-order modes in an RF cavity by resistive material 67108
Koseki, T., Morizane, T., Masada, E. Flux synthesizing linear induction motor with super multi-phase switching 78655
Koseki, T. *see* Kudo, H. 67212
Koseki, T. *see* Morizane, T. 90028
Koseki, T. *see* Shinoe, K. 76485
Koseki, Y. *see* Nomura, M. 49485
Koseki, Y. *see* Suzuki, K. 92288
Kosevich, M.V. *see* Boryak, O.A. 59054
Koshechkin, A.P. *see* Belolaptikov, I.A. 59156
Koshelets, V.P., Shchukin, A.V., Shitov, S.V., Filippenko, L.V. An integrated SIS receiver with a superconducting local oscillator 49645
Koshelets, V.P., Shchukin, A.V., Shitov, S.V., Filippenko, L.V., Fischer, G.M., Mygind, J. Integrated flux-flow oscillators for submillimeter wave receivers 50407
Koshelets, V.P., Shitov, S.V., Shchukin, A.V., Baryshev, A.M., Kaplunenko, O.V., Fischer, G.M., Mygind, J. Superconducting mm-wave attenuator 50406
Koshelets, V.P. *see* Shitov, S.V. 49644
Koshelev, A.S. *see* Borisenok, V.A. 56194
Koshelev, N.I. *see* Garyainov, S.A. 93885
Koshelev, O.G., Morozova, V.A., Barinova, Y., Grigoreva, G.M., Tkacheva, E.H. Measurement of short lifetimes of minority charge carriers in silicon solar cells irradiated by fast electrons 69002
Koshelev, V.I., Andreev, V.G. Synthesis of autoregression/moving-average models of echo signals 58456
Koshelev, V.I. *see* Bastrikov, A.N. 55515
Koshelev, V.N. On the divisibility of discrete sources with an additive single-letter distortion measure 83984
Kosheleva, N.E., Yakovlev, V.P. Analysis of the spectrum of a pulsed random process with independent intervals 84338
Koshevaya, S.V. *see* Gontar, I.A. 56192
Koshiba, M. Design and simulation of optical integrated circuits 72420
Koshiba, M., Maruyama, S., Hirayama, K. A vector finite element method with the high-order mixed-interpolation-type triangular elements for optical waveguiding problems 51188
Koshiba, M. *see* Alam, M.S. 51162
Koshiba, M. *see* Eguchi, M. 63369
Koshiba, M. *see* Hasegawa, K. 71922
Koshiba, M. *see* Inagawa, K. 56187
Koshiba, M. *see* Kaji, R. 62259
Koshiba, M. *see* Kaji, R. 82000
Koshiba, M. *see* Ohbuchi, K. 63121
Koshiba, M. *see* Osman, N. 64195
Koshiba, M. *see* Xu Shanjia 80558
Koshiba, N., Takata, K., Nakanishi, M., Takehara, Z. Evaluation of crystalline V_2O_5 as a cathode of rechargeable lithium cell 78791
Koshiba, N., Takata, K., Nakanishi, M., Takehara, Z. Evaluation of crystalline Nb_2O_5 as an anode of rechargeable lithium cell 90350
Koshiba, N., Takata, K., Nakanishi, M., Takehara, Z. Characteristics of vanadium niobium rechargeable lithium battery 90351
Koshiba, S., Nakamura, Y., Tsuchiya, M., Noge, H., Kano, H., Nagamune, Y., Noda, T., Sakaki, H. Surface diffusion processes in molecular beam epitaxial growth of GaAs and AlAs as studied on GaAs (001)-(111)B facet structures 79862
Koshiba, S. *see* Nakamura, Y. 56003
Koshiba, T. *see* Nakama, H. 97035
Koshiba, Y. *see* Kondo, Y. 92452
Koshibe, T. *see* Itagaki, K. 92857
Koshida, N. *see* Koyama, H. 81524
Koshigoe, S. *see* Falangas, E.T. 77104
Koshiishi, H., Enome, S., Nakajima, H., Shibasaki, K., Nishio, M., Takano, T., Hanaoka, Y., Torii, C., Sekiguchi, H., Kawashima, S., Bushimata, T., Shinohara, N., Irimajiri, Y., Shiomi, Y. Evaluation of the imaging performance of the Nobeyama Radioheliograph 97507
Koshiishi, H., Naka, M., Suzuki, T., Kawata, Y., Iwata, Y. Simulator of pushbroom scan spectrometer 77240
Koshiishi, H. *see* Nakajima, H. 58528
Koshiji, K. *see* Sawasa, H. 80547
Koshikawa, S., Kobayashi, K. Wiener-Hopf analysis of the diffraction by a parallel-plate waveguide cavity with partial material loading 83755
Koshikawa, S., Momose, T., Kobayashi, K. RCS of a parallel-plate waveguide cavity with three-layer material loading 97399
Koshikawa, Y. *see* Takai, Y. 49421
Koshikawa, Y. *see* Takai, Y. 70550
Koshimae, T. *see* Kitamura, T. 83749
Koshimizu, H. *see* Nishimatsu, T. 97799
Koshio, K. *see* Kinugasa, T. 86787
Koshita, G. *see* Yokoo, K. 62058
Koshizaka, S. *see* Hayashi, T. 58366
Koshkin, N.L., Fugenfirov, M.I. Photovoltaic technology: its current state and prospects for future development 99981
Koshkin, N.L. *see* Povarov, O.A. 99964
Koshkin, N.L. *see* Shpil'rain, E.E. 99818
Koshkin, N.L. *see* Zysin, L.V. 78349
Koshkin, V.L. *see* Gulyaev, V.I. 57185
Koshland, C.P. *see* McEnally, C.S. 77568
Koshoubu, N. *see* Yamamoto, N. 72468
Koshparenok, V.N. *see* Kovalenko, A.G. 94927
Koshy, R. *see* Wolf, M. 85999
Kosier, S.I. *see* Schrimpf, R.D. 50069
Kosier, S.L., Wei, A., Shibib, M.A., Desko, J.C., Schrimpf, R.D., Galloway, K.F., Yau, K.C. Combination field plate/field ring termination structures for integrated power devices 56054
Kosier, S.L., Wei, A., Shibib, M.A., Schrimpf, R.D., Desko, J.C., Galloway, K.F. Comparison of termination methods for low-voltage, vertical integrated power devices 62943
Kosina, H. *see* Abramo, A. 81195
Kosinovsky, G. *see* Grupen, M. 94489
Kosinski, J., Baidy, E., Shannon, J., Safari, A., Ballato, A. PZT-based stacked acoustic filters 56162
Kosinski, J.A., Ballato, A., Lu, Y. Effects of non-uniform distribution of motion on determinations of piezoelectric coupling and constants using IEEE 176-1987 93851
Kosinski, J.A., Yicheng Lu, Ballato, A. Pure-mode measurements of $Li_2B_4O_7$ material properties 71850
Kosinski, R.A. Route to chaos of a domain wall with vertical Bloch lines 72053
Kosinski, S.G. *see* Inniss, D. 82597
Kosinski, S.G. *see* Mizrahi, V. 58396
Kosinski, S.G. *see* Vengsarkar, A.M. 82547
Kosir, P., DeWall, R. Feature alignment techniques for pattern recognition 84544
Kositpaiboon, R. *see* Beshai, M. 85861
Koska, W. *see* Wake, M. 87685
Koski Timo *see* Timo Koski
Koskinen, L. On the symmetry properties of the filters based on order statistics 85128
Koskinen, L. *see* Huttunen, H. 85101
Kosko, B. *see* Pacini, P.J. 52324
Koskolos, N.C. *see* Dialynas, E.N. 68187
Koslowski, B. *see* Xu, J. 76237
Koslowski, L.J. *see* Bailey, R.B. 66491
Kosmann, D. *see* Roth, A. 77716
Kosmidis, C. *see* Clark, A. 88763
Kosogov, A.O. *see* Gruzdov, V.G. 79860
Kosorotov, V.F., Levash, L.V., Shchedrina, L.V., Zagoruiko, Yu.A., Komar', V.K., Fedorenko, O.A. Power sensors, based on the tertiary pyroelectric effect, combined with exit windows of CO and CO_2 lasers 75950
Kossack, J. *see* Sodeikat, H. 75268
Kossentini, F., Chung, W.C., Smith, M.J.T. Subband image coding using entropy-constrained residual vector quantization 95861
Kossentini, F., Chung, W.C., Smith, M.J.T. Subband image coding with optimal intra- and inter-band subband quantization 95957
Kossentini, F., Smith, M.J.T. A fast searching technique for multistage residual vector quantizers 74551
Kossentini, F., Smith, M.J.T. Adaptive entropy-constrained residual vector quantization 84733
Kossentini, F., Smith, M.J.T., Barnes, C.F. Entropy-constrained residual vector quantization 85060
Kossidas, C. *see* Kanellopoulos, J.D. 83653
Kossionides, E. *see* Bogaert, G. 59020
Kossler, W.J., Greer, A.J., Hulett, L.D., Jr. Positrons at CEBAF 87936
Kosslinger, C. *see* Aberl, F. 59251
Kosslowski, S. *see* Mertin, W. 80804
Kossov, M.V. *see* Akimov, V.A. 53286
Kossyi, I.A. *see* Askaryan, G.A. 67881
Kost, A. *see* Hasenberg, T.C. 94189
Kost, A. *see* Jiansheng Yuan 83501
Kost, A. *see* Jinxing Shen 83512
Kostamovaara, J. *see* Jin Wang 65932
Kostamovaara, J. *see* Ruotsalainen, T. 49191
Kostamovaara, J. *see* Ruotsalainen, T. 58494
Kostamovaara, J.T. *see* Makynen, A.J. 58500
Kostamovaara, J.T. *see* Makynen, A.J. 66683
Kostamovaara, J.T. *see* Vainshtein, S.N. 81846
Kostas, C. *see* Tsang, K.T. 87909
Kostek, P. *see* Oman, H. 59434
Kostek, P.J. Career and life assessment 54404
Kostelak, R.L. *see* Cirelli, R.A. 71492
Kostelak, R.L. *see* Otto, O.W. 71480
Kostelak, R.L. *see* Raab, E.L. 71503
Kosten, S.E. *see* Bouzid, A. 58801
Kostenko, A., Thome, R.J. Design features of the toroidal field and central solenoid magnet systems 82408
Kostenko, A.A. *see* Veremey, V.V. 80577
Kostenko, I.O. *see* Petrov, V.V. 72287
Kostenko, S.P. Processing of silicon ICs using alpha irradiation−meeting a challenge of 'smart' sensing? 82020

Kostenko, Y.T., Shkvarko, Y.V. Combined statistical regularization and experiment design theory-based nonlinear techniques for extended objects imaging from remotely sensed data 74238
Koster, A.S.E. *see* De Graaf, C.N. 57680
Koster, A.S.E. *see* Vincken, K.L. 57681
Koster, R. *see* Hanke, R. 86950
Koster, R. *see* van der Wel, W. 93582
Kosterev, D.N., Kolodziej, W.J. Robust control for transient stabilization of interconnected power systems 99583
Kosterev, D.N. *see* Kolodziej, W.J. 59853
Kostevc, D. The measurements of S-parameters by vector network analyzers 66144
Kostial, H. *see* Asche, M. 62287
Kostic, I. *see* Rangelow, I.W. 62607
Kostic, M.B. Parametric analysis of foundation grounding systems surrounded by two-layer soil 78232
Kostic, Z., Titlebaum, E.L. The design and performance analysis for several new classes of codes for optical synchronous CDMA and for arbitrary-medium time-hopping synchronous CDMA communication systems 85266
Kostic, Z. *see* Hussain, S. 65581
Kostick, D.C. *see* Brown, T.A. 96481
Kostin, A. *see* Berlin, B. 85578
Kostin, B.F. *see* Baranov, V.A. 76849
Kostin, V.P. Efficiency of interchannel signal processing in a pulsed laser radar with a multielement photodetector 58499
Kostina, L.S. *see* Grekhov, I.M. 55915
Kostioukevitch, S.A., Shepeljavij, P.E., Indutnyi, I.Z., Stronski, A.V., Stetsun, A.I. Formation of optical disk direction paths and optical master disks with the help of inorganic resists 56316
Kostioukevitch, S.A. *see* Romanenko, P.F. 73141
Kostka, A., Klingelhofer, C., Krawczyk, S.K., Schohe, K. Room temperature scanning photoluminescence for process control in silicon 81418
Kostka, P. *see* Burger, J. 98570
Kostoff, R.N. Research impact quantification 60863
Kostoulas, Y., Gong, T., Fauchet, P.M. Investigation of carrier-carrier scattering by three-pulse pump-probe spectroscopy 62181
Kostoulas, Y. *see* Sobolewski, R. 63308
Kostov, K.G., Nikolov, N.A. Microwave generation from an axially extracted virtual cathode oscillator with a guide magnetic field 62103
Kostrewa, D. *see* Schwille, W.J. 76785
Kostrikov, M. *see* Ariztizabal, F. 98518
Kostritskii, S.M., Kolesnikov, O.M. Photoinduced light scattering in copper-doped $Li_{1-x}H_xNbO_3$ photorefractive waveguides 82649
Kostromin, V.D. *see* Erukhimov, L.M. 73357
Kostrova, L.A. *see* Romanenko, P.F. 73141
Kostrzewa, C. *see* Meier, T. 82695
Kostrzewski, A. *see* Kim, D.H. 51578
Kostrzewski, A. *see* Lu, T. 56476
Kostsov, E.G. *see* Baginsky, I.L. 55661
Kostuk, R.K. Fabrication issues for free-space optics at the board packaging level 50706
Kostuk, R.K., Kim, T.-J., Campbell, G., Han, C.W. Diffractive-optic polarization-sensing element for magneto-optic storage heads 82749
Kostuk, R.K. *see* Tu, K.-Y. 82851
Kostuk, R.K. *see* Yeh, J.-H. 82788
Kosturiak, A., Dusa, O. Influence of heat treatment and coating on magnetic loss of amorphous $Fe_{80.5}B_{12}Si_{6.5}C_1$ alloys 72008
Kostyrya, I. *see* Bychkov, Yu. 50746
Kostyuk, A.G. *see* Trukhnii, A.D. 99934
Kostyuk, G.K. *see* Veiko, V.P. 50544
Kostyukov, N.S., Vashchuk, S.P., Pakulov, G.I., Kholodnyi, S.D. Hermetically sealed cable entrances for a nuclear power plant 99833
Kosuda, S. *see* Kano, A. 86358
Kosuge, K. *see* Komatsu, K. 75443
Kosuge, M. *see* Kiyoshi, T. 82473
Kosuge, M. *see* Oshikiri, M. 82502
Kosuge, Y., Hayashi, M., Hiwatashi, K. A practical new method for multi-sensor track-to-track association 99121
Kosugi, M. *see* Nonomura, Y. 69174
Kosugi, M. *see* Tanaka, K. 66456
Kosugi, N. *see* Tachibana, K. 87360
Kosugi, T. *see* Nakajima, H. 58528
Kosukegawa, M. *see* Shirai, T. 86965
Kosyachenko, L.A. Hot-carrier optical emission in semiconductor diodes 63602
Kosyakin, M. *see* Rybakov, E. 76657
Kosygin, O.A. *see* Chupis, V.N. 55530
Kosykh, A.V., Ionov, B.P. Dynamic temperature model and dynamic temperature compensation of crystal oscillators 55161
Kosza, R. *see* Kocsanyi, L. 94231
Koszi, L. *see* Hull, R. 83124
Kot, A.C. Statistical analysis of state-space approach in harmonic retrieval 64473
Kot, A.C. The SVD-based algorithms in frequency estimation at low noise level 74060
Kot, A.D. A linear-time method for contender sifting in breadth-first decoding of error control codes 95222
Kot, C. *see* Ng, B.P. 57298
Kot, N.C. *see* Aleksandrov, A.V. 87901
Kotaka, I., Sato, K., Wakita, K., Yamamoto, M., Kataoka, T. High-speed (20 Gbit/s) low-drive-voltage ($2V_{p-p}$)-strained-InGaAsP MQW modulator/DFB laser light source 72923
Kotaka, I. *see* Kataoka, T. 58428
Kotaka, I. *see* Mimura, Y. 62595
Kotaka, I. *see* Mimura, Y. 71448
Kotaka, I. *see* Sato, K. 72809
Kotaka, I. *see* Sato, K. 75390
Kotaka, I. *see* Wakita, K. 94260
Kotaka, I. *see* Yoshida, S. 94185
Kotaka, K. *see* Sasaki, H. 61834
Kotake, T. Electric field and stress analysis by P-Finite Element method 100053
Kotake, T. *see* Nakayama, T. 100409
Kotaki, H., Nakano, M., Takegawa, Y., Kakimoto, S., Mori, Y., Mitsuhashi, K., Takagi, J., Tsuchimoto, S., Akagi, Y. Novel elevated silicide source/drain (ESSOD) by load-lock LPCVD-Si and advanced silicidation processing 91447
Kotaki, K., Hashimoto, A., Isa, H., Sekioka, S. Wave propagation characteristics of a lightning surge on an incoming line 68257
Kotani, H., Akamatsu, H., Naito, Y., Fujii, T., Iwata, T., Tsuji, T., Asaka, H., Itoh, Y., Shimizu, N., Hirase, J., Shibata, Y., Yamashita, K., Hori, T., Fujita, T. A 256 Mb DRAM with 100 MHz serial I/O ports for storage of moving pictures 92223
Kotani, H., Akamatsu, H., Naito, Y., Fujii, T., Iwata, T., Tsuji, T., Itoh, Y., Shimizu, N., Hirase, J., Shibata, Y., Yamashita, K., Hori, T., Fujita, T. A 256-Mb DRAM with 100 MHz serial I/O ports for storage of moving pictures 92236
Kotani, H. *see* Kagenishi, Y. 80323
Kotani, K., Shibata, T., Ohmi, T. Neuron-MOS binary-logic circuits featuring dramatic reduction in transistor count and interconnections 61663
Kotani, K. *see* Gan, Q. 74291
Kotani, M. *see* Kodama, Y. 88443
Kotani, N., Kishigami, J., Sakurai, N., Ishikawa, A. MAMI: The new direction of interactive TV 86763
Kotani, N. *see* Sayama, H. 49414
Kotani, N. *see* Uchida, T. 93097
Kotani, S. *see* Mori, H. 67631
Kotani, Y. *see* Fukuda, I. 98220
Kotecki, D. *see* Ransom, C.M. 71272
Kotecki, D.E. *see* Ransom, C.M. 55590
Kotek, J. *see* Kingston, R. 89261
Koteles, E.S. *see* Agahi, F. 62234
Koteles, E.S. *see* Piva, P.G. 71178
Koteles, E.S. *see* Sharfin, W.F. 83060
Kotelyanskii, I.M. *see* Andreev, A.V. 63306
Kotelyanskii, I.M. *see* Andreev, A.V. 87142
Kotelyanskii, I.M. *see* Carlotti, G. 93742
Kotera, H. *see* Fumoto, T. 64747
Kotera, H. *see* Kanamori, K. 52785
Kotera, H. *see* Mizoh, Y. 72101
Koterayama, W., Akamatsu, T. Development of a towed vehicle for physical and chemical measurement in the ocean upper mixed layer 99281
Kothari, D.P., Ahmad, A. An expert system approach to unit commitment problem 89109
Kothari, D.P. *see* Bijwe, P.R. 89093
Kothari, D.P. *see* Das, D. 78069
Kothari, D.P. *see* Reddy, H. 78500
Kothari, M.L., Nanda, J., Bhattacharya, K. Coordinated tuning of power system stabilizers for a multi-machine system by sequential application of ISE technique 59747
Kothari, P.C. *see* Bhatnagar, H.M. 80589
Kothari, R., Vook, R.W. Enhanced sulfur segregation in plastically deformed OFHC Cu and the effect of surface segregated sulfur on electric contact resistance 61986
Kothart, M.L. *see* Bhise, G.G. 59828
Kothe, R. *see* Runkler, T. 90620
Kotheimer, W.C. *see* Barnett, C.W. 54066
Kother, D. *see* Pogatzki, P. 92596
Kotkov, A.A. *see* Afanas'ev, L.A. 73087
Kotler, V.R., Enyakin, Yu.P. The implementation and efficiency of technological methods for suppressing nitrogen oxides at thermal power stations 89562
Kotler, V.R., Reznichenko, Yu. The experience gained by the US firm EER in reducing nitrogen oxides and sulfurous anhydride emissions from pulverized-coal-fired boilers 89657
Kotler, V.R. *see* Burov, D.V. 89656
Kotler, V.R. *see* Hall, R.E. 89566
Kotleris, J. *see* Alekseev, V. 83200
Kotlicki, A. *see* He, X.-F. 56258
Kotlicki, A. *see* Meagher, G. 50416
Kotlicki, A. *see* Meagher, G. 88095
Kotlyar, V.G. *see* Tarasova, O.L. 49913
Kotlyar, V.V., Nikolskii, I.V., Soifer, V.A. Phase shapers for Hermitian beams 50903
Kotlyar, V.V., Soifer, V.A., Filippov, S.V. Wavefront amplitude shapers and amplitude lenses 50904
Kotlyar, V.Yu. Generalization of the $\mathcal{L}$-property of the distribution function 79532
Koto, T. A stability property of A-stable natural Runge-Kutta methods for systems of delay differential equations 79728
Kotodziej, W.J. *see* Zakrzewski, R.R. 99639
Kotomtseva, L.A., Samson, A.M. Dynamics of a two-channel laser with a saturable absorber and additional optical feedback 94631
Kotomtseva, L.A. *see* Gaiko, O.L. 63664
Kotomtseva, L.A. *see* Gaiko, O.L. 82899
Kotos, P.A. *see* Barnett, C.W. 54066
Kotov, A.K., Reznik, A.N. Matching of a frequency-independent antenna to a superconducting microbolometer 52851
Kotov, O.I. *see* Gasyuk, V.I. 97285
Kotov, O.I. *see* Ginevskii, S.P. 58808
Kotov, O.I. *see* Ginevskii, S.P. 58814
Kotov, O.I. *see* Ginevskii, S.P. 58815
Kotov, V.I. *see* Zapolsky, V.N. 66975
Kotov, V.M., Shkerdin, G.N. Acoustooptical beam-splitting and frequency-shifting elements for two-coordinate laser anemometers 50616
Kotov, Yu.A. *see* Darznek, S.A. 90285
Kotre, C.J. EIT image reconstruction using sensitivity weighted filtered backprojection 67575
Kotropoulos, C., Pitas, I. Multichannel L filters based on marginal data ordering 95374
Kotropoulos, C., Pitas, I., Maglara, A. Voronoi tessellation and Delauney triangulation using Euclidean disk growing in Z^2 84947
Kotropoulos, C. *see* Kofidis, E. 64640
Kotrotsios, G. *see* Ghisler, Ch. 63736
Kotrys, R. *see* Szulakiewicz, P. 64307
Kotsarenko, A.N. *see* Goncharov, A.A. 53126
Kotschy, J. *see* Karg, F. 100500
Kotsopoulos, A. *see* Holmes, D.G. 60233
Kotsopoulos, S.A., Lymberopoulos, D.C., Zevgolis, D. Integration of a new teleworking mobile radio communication service for medical application 58329
Kotsubo, V. *see* Zhang, D. 98287
Kotsuka, Y., Isono, I., Horiuchi, S. Investigation of deep hyperthermia by thermographic measurement 98873
Kottapalli, K. Simulating coupled transmission lines with Super-Spice 55364
Kotter, R. *see* Duursma, I.M. 95110
Kotthaus, J.P. *see* Drexler, H. 49802
Kotthaus, J.P. *see* Drexler, H. 62257
Kotthaus, J.P. *see* Godel, W. 61899
Kotthaus, J.P. *see* Lettau, C. 93037
Kotthaus, J.P. *see* Tobben, D. 93001
Kotthaus, J.P. *see* Wendel, M. 81742
Kotthaus, R. *see* Buschhorn, G. 76859
Kottick, D. Dynamic phenomena in island power systems 77898
Kottman, P. *see* Fukui, S. 82329
Kottman, P. *see* Hlasnik, I. 82310
Kottmann, F. *see* Horvath, D. 53123
Kottmann, F. *see* Meyberg, M. 76396
Kotulak, J.C., Morse, S.E., McLean, W.E. Does display phosphor bandwidth affect the ability of the eye to focus? 66633
Kotulak, J.C., Morse, S.E., Wiley, R.W. Visual accommodation to virtual image displays when knowledge of object distance conflicts with optical distance 98091
Kotulski, J.D., Anderson, M.U., Brock, B.C., Gomez, J., Graham, R.A., Vittitoe, C.N. Determination of equivalent circuit for PVDF shock-pressure gauges 87111
Kotyaev, O.G. *see* Ageichik, A.A. 73103
Kou, C.S. Starting oscillation conditions for gyrotron backward wave oscillators 81155
Kou, C.S. *see* Wang, Q.S. 62123
Kou, K.Y., Arutaki, A., Iwasaki, S. The architecture and implementation of ATM switch for broadband ISDN 75080
Kou, X.C., Kronmuller, H. A micromagnetic understanding of the post-annealing process in producing sintered Nd-Fe-B permanent magnets 71961
Kou, X.C., Kronmuller, H., Givord, D., Rossignol, M.F. Coercivity mechanism of sintered $Pr_{17}Fe_{75}B_8$ and $Pr_{17}Fe_{53}B_{30}$ permanent magnets 82237
Kou Jouan *see* Xu Jungang 86565
Kou Shing-Gang *see* Shing-Gang Kou
Kou Tan Wu, Shuenn An Tsaur Average error probability for diversity DS-SSMA systems in Nakagami fading channels 97001
Kou-Bin Liu *see* Yao Cheng 68743
Kou-Tan Wu, Shuenn-An Tsaur Selection diversity for DS-SSMA communications on Nakagami fading channels 75320
Kou-Yuan Huang, Dar-Ren Leu Modified Earley parsing and MPM method for attributed grammar and seismic pattern recognition 64571
Kouadria, D., Miller, R., Ryder, D.M., Thompson, I.A. The effects of mechanical vibration on medium power stator coil insulation under electrical stress 100077
Kouakou, K.C. Software implementation and statistical optimization of some electronic component's lifetime 48657
Kouam, C.N., Coupez, J.P., Toutain, S., Forterre, G., Desmarest, P. Frequency limits of the ultra-miniature circulator 80637
Kouba, C. *see* Bich-Yen Nguyen 71376
Koubias, S. *see* Orphanos, G. 65063
Koucheryavy, A., Sinyakov, A. Switching systems in Russian urban telephone networks 85573
Kouchi, H. *see* Misawa, Z. 97646
Kouda, R., Suwijanto, Chung, C.-J.F. Geodynamic pattern recognition by satellite images of some

areas in Asian island arcs for mineral exploration 77241
Kouda, T. *see* Nakahira, H. 80529
Koudelka, O., Riedler, W. Integrating local area networks by satellites 96709
Koudelka-Hep, M. *see* Fiaccabrino, G.C. 66259
Koueracka, M. *see* Tomco, L. 71929
Koufopavlou, O., Tantawy, A., Zitterbart, M. IP-routing among gigabit networks 65383
Kouhei Shioya *see* Xiang-Zhao Wang 56948
Kouider, M. Cycles in graphs with prescribed stability number and connectivity 48781
Kouikoglou, V.S. Single sampling plans for attributes satisfying an arbitrary set of constraints—a graphical approach 48715
Koujbida, R.P. *see* Skachkov, V.S. 76684
Kouki, A.B. *see* Ghannouchi, F.M. 70876
Kouki, A.B. *see* Ghannouchi, F.M. 70883
Kouki, A.B. *see* Ghannouchi, F.M. 92559
Kouki, A.B. *see* Ghannouchi, F.M. 98281
Kouki, A.B. *see* Hajji, R. 93331
Kouki, A.B. *see* Khebir, A. 94888
Kouki, T. *see* Pershin, S. 77348
Koukitu, A., Takahashi, N., Miura, Y., Seki, H. Determination of surface chemical species in GaAs atomic layer epitaxy by in situ gravimetric monitoring 54873
Koukos, A.K. *see* Mitrou, N.M. 51778
Koukoulas, S.G. *see* Kanellopoulos, J.D. 57119
Koukoutsis, E. *see* Papaodysseus, C. 64429
Koukouvinos, C., Kounias, S., Seberry, I., Yang, C.H., Yang, J. On sequences with zero autocorrelation 79519
Koul, R. *see* Lopez, F. 76706
Koul, R. *see* Tickoo, A.K. 98658
Koul, R.K., Lopez, F., Mills, F.E. Optimal magnet sorting procedure and application to the APS injector synchrotron 76707
Koul, R.K., Mills, F.E. Linearized error analysis for an accelerator and application to the APS injector synchrotron 67258
Koulouris, A. *see* Bakshi, B.R. 55359
Koumans, R.G.M.P. *see* Pennings, E.C.M. 72360
Koumaras, P. *see* Psillos, D. 79177
Kouminov, P. *see* Nebosis, R.S. 66354
Kouminov, P. *see* Semenov, A.D. 66352
Kouminov, P.B. *see* Gol'tsman, G.N. 66355
Koumoto, K. *see* Ohara, Y. 50125
Koumura, T. *see* Hisanaga, M. 56503
Kounaves, S.P. *see* Reay, R.J. 98248
Koundinya, K.N.V.L.N., Chanda, B. Detecting lines in gray level images using search techniques 57722
Kounias, S. *see* Koukouvinos, C. 79519
Kouno, H., Kumamoto, T., Miki, T., Kinoshita, Y., Igarashi, T., Okada, K. A 10-bit 50 MS/s 500 mW A/D converter using differential-voltage subconverter 70709
Kouno, H. *see* Ishida, T. 60452
Kouno, H. *see* Miki, T. 49507
Kouno, M. *see* Mitsuhashi, R. 77633
Kouno, T., Motooka, S., Takano, N. Water bottom material discrimination using multilayered neural network 77273
Kountz, D.J. *see* Lai, Y.S. 70899
Koupal, B. *see* Negus, K. 97135
Koura, M. *see* Oonishi, K. 92297
Koura, S. *see* Saiki, S. 75787
Kourbanis, I., Jackson, G.P., Lu, X. Performance and comparison of the different coalescing schemes used in the Fermilab Main Ring 87845
Kourbanis, I., Ng, K.Y. Transition crossing in the Fermilab Main Ring, past and present 87817
Kourbanis, I. *see* Bhat, C.M. 66961
Kourbanis, I. *see* Skan, J.P. 66848
Kourepenis, A. *see* Bernstein, J. 58741
Kouri, J.V., McCain, A.J., Borchert, R.M. The feasibility of a truly collocated piezoelectric sensor/actuator 82204
Kouris, S.S. *see* Nissopoulos, I.K. 97029
Kouritzin, M.A. On almost-sure bounds for the LMS algorithm 74162
Kourkoumelis, C. *see* Anassontzis, E.G. 98510
Kourkoumelis, C. *see* von Apeldoorn, G. 88116
Kourkoutas, C.D. *see* Euthymiou, P.C. 62871
Kourogi, M. *see* Kawakami, J. 56773
Kourouklis, S. Estimation in the 2-parameter exponential distribution with prior information 91131
Kouroupetroglou, G., Anagnostopoulos, A., Papakostas, G., Charoupias, A. The BLISPHON alternative communication system for the speechless individual 98981
Kourtis, A., Mantakas, C., Zacharopoulos, V. New synchronization technique for baseband code division multiplexing 85989
Kousai, S., Nakamura, H., Okada, H. IROS kernel interface for node systems 85745
Kousaka, T., Senba, N., Nishizawa, A., Takahashi, N., Shimoto, T., Koike, T. A silicon-on-silicon packaging technology for advanced ULSI chips 91059
Koushik, M.P. *see* Ho, C.M.P. 65635
Kousik, G.S. *see* Ling, Z.G. 100486
Koutchenkov, A. *see* Chen, M. 67340
Koutchenkov, A. *see* Chen, M. 67349
Koutchenkov, A.V. *see* Akimov, D.Yu. 67344
Koutchouk, J.-P. *see* Billan, J. 66859
Koutchouk, J.P. *see* Arnaudon, L. 66851
Koutlidis, R. *see* Brai, A. 98909
Kouts, V.N. *see* Alessandrello, A. 59163
Koutsenko, V. *see* Ahlen, S. 98641
Kouvatsos, D.D., Denazis, S.G. A universal building block for the approximate analysis of a shared buffer ATM switch architecture 65534
Kouvatsos, D.D., Denazis, S.G., Tabet-Aouel, N.M. Simultaneity in discrete-time queues with compound Bernoulli inputs and AF-DF buffer management policies 65003
Kouvelis, P., Gang Yu, Songjun Luo Vertex packing problem application to the design of electronic testing fixtures 92674
Kouvelis, P. *see* Ahmadi, R.H. 70989
Kouw, P.M. *see* Olthof, C.G. 98884
Kouyama, T. *see* Kondo, Y. 50529
Kouyama, T. *see* Ohno, K. 72455
Kouzaki, T. *see* Sekiguchi, M. 93266
Kouzen, A. *see* Akahori, Y. 72656
Kouzuma, S. *see* Hiyama, T. 60469
Kovac, D. Simulation models of power MOSFET and power diode switching 93482
Kovac, D. *see* Mojzis, M. 98354
Kovac, H. *see* Hase, A. 56790
Kovac, J. *see* Bunda, V. 72206
Kovac, J. *see* Idzikowski, B. 72011
Kovac, J. *see* Opitz, B. 56556
Kovac, J. *see* Yurkin, I.M. 71945
Kovac, M., Barak, V. Possibilities for electron beam testing of passivated integrated circuits 62953
Kovac, M., Zagar, M. Single wire protocol in persons and objects identification 96725
Kovac, P., Cesnak, L., Fikis, H., Hilscher, G., Kirchmayr, H. Application problem of flat multifilamentary Nb_3Sn superconductors 82337
Kovac, P., Husek, I., Cesnak, L. Critical current recovery in Ag-sheathed Bi(2223) tapes after bending and straightening 72220
Kovac, P., Pavlovic, M., Dobrovodsky, J. A 0.9 MV accelerator for materials research at the STU Bratislava 53096
Kovac, P. *see* Dobrovodsky, J. 67291
Kovacevic, A. *see* Kovacevic, D. 90823
Kovacevic, B.D. *see* Terzija, V.V. 78230
Kovacevic, B.D. *see* Veinovic, M.D.J. 57423
Kovacevic, D., Kovacevic, A. Expert system in education of marine-electro-engineers 90823
Kovacevic, J. Eliminating correlated errors in sub-band/wavelet coding systems with quantization 95175
Kovacevic, J. *see* Herley, C. 84255
Kovacevic, M., Gerla, M., Bannister, J. On the performance of shared-channel multihop lightwave networks 65768
Kovacevic, M. *see* Gerla, M. 52616
Kovacevic, M.A. *see* Milovanovic, I.Z. 91768
Kovachev, V. *see* Shu, Q.S. 87932
Kovachev, V.T., Neal, M.J., Capone, D.W., II, Carr, W.J., Jr., Swenson, C. Interstrand resistance of SSC magnets 93971
Kovacic, S. *see* Pernus, F. 95845
Kovacic, Z. Adaptive fuzzy control with model reference-based fuzzy adaptation mechanism 100099
Kovacic, Z., Bogdan, S. Robust angular speed control of PMSM drive with coordinated performance of nonintegral fuzzy and PI controller 69062
Kovacic, Z., Bogdan, S., Crnosija, P. Fuzzy rule-based model reference adaptive control of permanent magnet synchronous motor drive 90566
Kovacic, Z. *see* Crnosija, P. 90009
Kovacik, O. On the embedding $H^{\infty} \subset Vp$ 91169
Kovacs, A. Simulation of substations based on non-numerical methods 100415
Kovacs, A., Stoffel, A. Mechanical analysis of polycrystalline and single-crystalline silicon microstructures 66215
Kovacs, B. *see* Euthymiou, P.C. 62871
Kovacs, F. *see* Barrelet, E. 67352
Kovacs, G., Vellekoop, M.J., Haueis, R., Lubking, G.W., Venema, A. A Love wave sensor for (bio)chemical sensing in liquids 66508
Kovacs, G.T.A., Storment, C.W., Halks-Miller, M., Belczynski, C.R., Jr., Santina, C.C.D., Lewis, E.R., Maluf, N.I. Silicon-substrate microelectrode arrays for parallel recording of neural activity in peripheral and cranial nerves 76983
Kovacs, G.T.A. *see* Maluf, N.I. 76881
Kovacs, G.T.A. *see* Opris, I.E. 70296
Kovacs, G.T.A. *see* Opris, I.E. 80506
Kovacs, G.T.A. *see* Reay, R.J. 93592
Kovacs, G.T.A. *see* Reay, R.J. 98248
Kovacs, G.T.A. *see* Storment, C.W. 83530
Kovacs, I.K., Horvai, G. Possibilities of chemical sensing at the semiconductor/electrolyte interface 66219
Kovacs, K. Putting into operation an ionoprobe in the Nagycenk Geophysical Observatory 59557
Kovacs, O. *see* Eisler, P. 85583
Kovacs, R.R., Leverett, A.L. A load flow based method for calculating embedded, incremental and marginal cost of transmission capacity 59771
Kovacs-Vajna, Z.M., Benedetti, A., Graffi, S., Masetti, G. MUSIC: a novel multilevel simulator for integrated circuits 50055
Kovacsics, I., Babus'Haq, R.F., Probert, S.D. Small-scale CHP plant for the Budateteny complex in Budapest 53909
Kovaev, L.K., Ilyushin, K.V., Penkin, V.T., Kovalev, K.L. Hysteresis electrical machines with rotors using high-temperature semiconductors 89915
Kovak, J. *see* Lovas, A. 72045
Kovak, J. *see* Zatroch, M. 72010
Koval, A.S. *see* Parfenovich, O.N. 60493
Koval, D. *see* Becker, C. 53608
Koval, D. *see* Becker, C. 68022
Koval, D. *see* Becker, C. 88965
Koval, D.O. Power supply-computer process interruption simulation model 88950
Koval, D.O., Chowdhury, A.A. Generating peaking unit operating characteristics 53946
Koval, D.O., Chowdhury, A.A. Generating peaking unit reliability model 67978
Koval, D.O., Chowdhury, A.A. Base load generator unit operating characteristics 68349
Koval, D.O., Chowdhury, A.A. Generating peaking unit operating characteristics 89416
Koval, D.O., Leonard, J.J. Rural power profiles 60667
Koval, V., Farmaga, I.W., Strojwas, A.J., Director, S.W. MONSTR: a complete thermal simulator of electronic systems 91711
Kovalchik, P.G. *see* Black, W.Z. 78127
Koval'chuk, B.M. *see* Abdullin, I.N. 54072
Kovalchuk, E.V. *see* Tyurikov, D.A. 86881
Kovalchuk, M.V. *see* Zheludeva, S.I. 82667
Kovalchuk, O.B. *see* Vazhov, V.F. 83225
Kovalchuk, Y.V. *see* Karpov, S.Y. 70027
Kovalenko, A. *see* Carrigan, R.A., Jr. 59039
Kovalenko, A. *see* Chen, M. 67340
Kovalenko, A. *see* Chen, M. 67349
Kovalenko, A.D. *see* Ovsyannikov, V.P. 53175
Kovalenko, A.G., Koshparenok, V.N. Interpretation of the fundamental wave mode in a cylindrical slot line 94927
Kovalenko, A.L. *see* Anisimov, V.A. 69084
Kovalenko, A.P. A method of searching for optimal levels in hierarchical clustering 95837
Kovalenko, A.V. *see* Chumakov, A.G. 64618
Kovalenko, A.V. *see* Kisil, A.V. 63504
Kovalenko, I.N., Nakonechnyi, A.N. Approximation of distribution function of additive functional of Wiener process by segment of Chebyshev series 48833
Kovalenko, S.E., Losev, V., Perrone, M.R. Super-Gaussian resonators for long-pulse XeCl lasers 63909
Kovalenko, S.E. *see* Bychkov, Yu.I. 63635
Kovalenko, V.F. *see* Davidenko, I.I. 63242
Kovaleski, J.L. *see* Benech, Ph. 52863
Kovalev, A.S. *see* Seleznev, B.V. 63266
Kovalev, K.L. *see* Kovaev, L.K. 89915
Kovalev, O.V. *see* Kiselev, R.V. 49206
Kovalev, S.I. *see* Vasil'ev, I.V. 83747
Kovalev, S.I. *see* Vasil'yev, I.V. 94940
Kovalev, S.V., Nesterov, S.M., Skorodumov, I.A. Method of determining the complex propagation constant of a surface electromagnetic wave 83589
Kovalev, V.A., Moosmuller, H. Distortion of particulate extinction profiles measured with lidar in a two-component atmosphere 99178
Kovalev, V.I. *see* Perov, P.I. 76098
Kovalev, V.N. *see* Kiselev, O.N. 57113
Kovalev, Yu.M. *see* Bukreev, V.S. 77408
Kovalev, Yu.M. *see* Kukharskii, M.E. 78614
Kovalevich, O.M., Bukrinskii, A.M., Slutsker, V.P., Vladykov, G.M. Status and development of a system of rules and standards for atomic energy use 89493
Kovalevskaya, G.G. *see* Slobodchikov, S.V. 49776
Kovalevskaya, G.G. *see* Slobodchikov, S.V. 49957
Kovalevskaya, G.G. *see* Slobodchikov, S.V. 71234
Kovalevskaya, G.G. *see* Slobodchikov, S.V. 93305
Kovalevskiy, V.E., Yakovlev, A.A. The properties of Boolean functions, useful when processing digital sequences 84213
Kovalick, A. The video server as a component in interactive broadband delivery systems 86776
Kovalov, S.I. Some restrictions on distance distribution of optimal binary codes 73652
Kovaltchuk, A.B. *see* Aminov, R.Z. 89689
Kovalyuk, M.Z. *see* Katerinchuk, V.N. 93061
Kovan, D. *see* Debenham, A. 78314
Kovanic, T. *see* Jha, S. 70628
Kovanis, V. *see* Gavrielides, A. 50817
Kovanis, V. *see* Newell, T. 49196
Kovanis, V. *see* Simpson, T.B. 72792
Kovarik, K.D., Maveddat, P. Multi-rate ISDN 52201
Kovatch, J.J. *see* Shell, J.S. 58370
Kovats, J. *see* Friederichs, K.-J. 57365
Kovbasyuk, S.V. *see* Andreev, F.M. 74023
Kover, L. *see* Tokesi, K. 87991
Kovesi, L. *see* Turan, J. 73953
Kovesi, M. *see* Turan, J. 73953
Kovnovich, S. *see* Regan, S.P. 63565
Kovpik, O.F. *see* Antonov, A.N. 92465
Kovrigin, A.I. *see* Golovnin, I.V. 56688
Kovrigin, V.A. *see* Galkin, V.Ya. 74183
Kovshik, A.P. *see* Karetnikov, A.A. 72457
Kovtonyuk, S.A. *see* Shitov, S.V. 49644
Kovtun, V.E. *see* Afanasiev, S.V. 52771
Kovtunov, D.A., Myakin'kov, V.Y., Petrov, G.V., Khramov, A.V. The design of self-excited oscillators employing field-effect transistors with a reverse-biased channel 80165

Kowada, M. *see* Kikuchi, K. 59340
Kowada, M. *see* Kikuchi, K. 59343
Kowaka, M. *see* Kobayashi, Y. 71527
Kowalczuk, C. Health effects of low-frequency electromagnetic fields 67633
Kowalczyk, A., Stefanski, P. Crystallographic and magnetic properties of $R_3Co_{11}B_4$(R=Y and Gd) compounds 71947
Kowalczyk, M.L. *see* Tidhar, G. 51709
Kowalczyk, R.M. *see* Davidson, L.S. 78975
Kowalczyk, T.C., Kosc, T., Singer, K.D., Cahill, P.A., Seager, C.H., Meinhardt, M.B., Beuhler, A.J., Wargowski, D.A. Loss mechanisms in polyimide waveguides 82629
Kowald, E.E. *see* Hubbard, R.R. 85489
Kowalewski, T. *see* Nakagawa, K. 82665
Kowalski, C.T. *see* Orlowska-Kowalska, T. 54024
Kowalski, F.V., Balle, S., Littler, I.C.M., Bergmann, K. Lasers with internal frequency-shifted feedback 56825
Kowalski, J. *see* Freund, J. 61406
Kowalski, O.P. *see* Hopkinson, M. 55642
Kowalski, O.P. *see* Mowbray, D.J. 69981
Kowalski, P. *see* Wagner, M. 49024
Kowalski, S. *see* Flanz, J.B. 76342
Kowalski, T.Z. *see* Bednarek, B. 87995
Kowalsky, W. *see* Fricke, A. 71210
Kowarschik, R. *see* Rehn, H. 63925
Kowase, T., Shinada, Y. Circuit realization of bilinear complex coefficients transfer functions and its applications 92362
Kowatari, S. *see* Iwashita, H. 92302
Kowel, S.T. *see* Lindquist, R.G. 56453
Kowel, S.T. *see* Nordin, G.P. 66621
Kowel, S.T. *see* Shen, D.S. 50705
Kowel, S.T. *see* Yankelevich, D.R. 50581
Kowitt, M. *see* Shapiro, G. 76455
Koxun Jiang *see* Jiang Koxun
Koy, J. *see* Anderl, P. 69584
Koy Chin Mee *see* Mee Koy Chin
Koyabu, K. *see* Arai, Y. 96945
Koyabu, K. *see* Kikuya, Y. 56363
Koyama, F. *see* Baba, T. 56774
Koyama, F. *see* Baba, T. 94530
Koyama, F. *see* Honda, T. 49878
Koyama, F. *see* Honda, T. 83048
Koyama, F. *see* Miyamoto, T. 83049
Koyama, F. *see* Mori, K. 56806
Koyama, F. *see* Mukaihara, T. 50569
Koyama, F. *see* Mukaihara, T. 94444
Koyama, H., Nakagawa, T., Ozaki, T., Koshida, N. Post-anodization filtered illumination of porous silicon in HF solutions: an effective method to improve luminescence properties 81524
Koyama, H. *see* Fujita, H. 75438
Koyama, H. *see* Kimura, M. 62318
Koyama, H. *see* Mitsuhashi, J. 49440
Koyama, H. *see* Tosaka, H. 100393
Koyama, H. *see* Yamaguchi, T. 99045
Koyama, K., Toya, H. A research on anode phenomena associated with negative metal ions in high-current vacuum arcs 92856
Koyama, K., Yamaguchi, N., Miyasaka, T. Antibody-mediated bacteriorhodopsin orientation for molecular device architectures 81111
Koyama, K. *see* Hoshino, K. 62521
Koyama, K. *see* Kaneko, T. 95151
Koyama, K. *see* Kuwakado, H. 95137
Koyama, K. *see* Kuwakado, H. 95185
Koyama, K. *see* Miyazaki, H. 50659
Koyama, M., Nagano, T. Two degrees of freedom position control using reference model for motor drives 60525
Koyama, M. *see* Tanaka, H. 100525
Koyama, M. *see* Tanaka, H. 100602
Koyama, N., Ishikawa, C., Suzuki, Y., Aoi, H., Yoshida, K. Sensitivity distribution asymmetries in magnetoresistive heads with domain control films 72113
Koyama, T., Dohguchi, N., Ohki, Y., Nishikawa, H., Kusama, Y., Seguchi, T. Gamma-ray-induced loss of Er^{3+}-doped silica-core optical fiber 82533
Koyama, T. *see* Hayakawa, Y. 79763
Koyama, Y. *see* Yoshino, T. 97752
Koyamada, Y. Recent progress in optical transmission technologies: optical fiber amplifiers and their applications 61569
Koyamada, Y. *see* Furukawa, S. 97239
Koyamada, Y. *see* Izumita, H. 76231
Koyamada, Y. *see* Izumita, H. 82541
Koyamada, Y. *see* Sato, T. 94061
Koyamada, Y. *see* Shimizu, K. 56886
Koyamada, Y. *see* Shimizu, K. 63418
Koyamoto, A. *see* Kitao, I. 61762
Koyanagi, F. *see* Uriu, Y. 68045
Koyanagi, H. *see* Hosaka, S. 61401
Koyanagi, H. *see* Hosaka, S. 93075
Koyanagi, H. *see* Nohara, M. 58354
Koyanagi, K., Mishima, T., Sakuraba, I. Wideband noncollinear quasi-phase-matched second-harmonic-generation using automatic incident angle tuning obtained with wavelength dispersion 83263
Koyanagi, K., Shimizu, T., Tomita, S. Hierarchically structured switching software 86003
Koyanagi, K. *see* Kuriyama, T. 94009
Koyanagi, M., Kurino, H., Hashimoto, H., Sudo, Y., Yokoyama, S. Hot carrier degradation in 70 nm gate length MOSFETs with new double punchthrough stopper structure 62830
Koyanagi, M., Matsumoto, T., Tsuno, M., Shimatani, T., Yoshida, Y., Watanabe, H. Impact ionization phenomenon in 0.1 μm MOSFET at low temperature and low voltage 93401
Koyanagi, M., Miyake, K., Kurotaki, H., Yokoyama, S., Horiike, Y., Hirose, M. Fundamental characteristics of optically coupled three-dimensional common memory 56585
Koyanagi, M., Shimatani, T., Tsuno, M., Matsumoto, T., Kato, N., Yamada, S. Evaluation of self-heating effect in poly-Si TFT using quasi three-dimensional temperature analysis 93393
Koyanagi, M. *see* Balestra, F. 62801
Koyanagi, M. *see* Balestra, F. 62809
Koyanagi, M. *see* Ishikawa, N. 64170
Koyanagi, M. *see* Kurino, H. 62857
Koyanagi, M. *see* Yamada, S. 81896
Koyanagi, T. *see* Yoshida, M. 50344
Koyano, H., Udaka, H., Sakakibara, M., Nakamura, E. Development and testing strategies for the multi-image communication system 96582
Koyano, H. *see* Nakatani, Y. 96574
Koyano, M. *see* Hara, K. 82557
Koyashiki, T. *see* Asano, N. 54146
Koyfman, L. *see* Chipalkatti, R. 85941
Koyiantis, A.G. *see* Pados, D.A. 74174
Koymen, A.R. *see* Hozhabri, N. 70060
Koymen, H. *see* Bozkurt, A. 99312
Koymen, H. *see* Karman, M. 88391
Koynov, S., Schwarz, R., Fischer, T., Grebner, S., Munder, H. Closed-chamber chemical vapor deposition: new cyclic method for preparation of microcrystalline silicon films 79899
Koza, M.A. *see* Bhat, R. 71603
Koza, M.A. *see* Chung-En Zah 63780
Koza, M.A. *see* Soole, J.B.D. 52553
Koza, M.A. *see* Soole, J.B.D. 97284
Koza, M.A. *see* Uomi, K. 50824
Kozachenko, V.F. *see* Balkovoi, A.P. 69081
Kozaitis, S.P., Foor, W.E. Binary optical correlation using pyramidal processing 72543
Kozaitis, S.P. *see* Andrews, H.G., II 57674
Kozak, G.Yu. *see* Vashchuk, V.I. 56455
Kozak, K.A. *see* Beringer, D.B. 99072
Kozak, S. *see* Janowski, T. 51047
Kozaki, T. *see* Mizukami, M. 93634
Kozakova, A. *see* Vesely, V. 59834
Kozakova, A. *see* Vesely, V. 99590
Kozaru, Y., Sugeno, H., Tanji, A., Kanno, N. 156 Mbps fiber-optic video transmission equipment 75413
Kozawa, T. *see* Uesaka, M. 59037
Kozchekin, M.A. *see* Skachkov, V.S. 76684
Kozek, W. Optimally Karhunen-Loeve-like STFT expansion of nonstationary processes 84506
Kozek, W. *see* Filimon, V. 86139
Kozel, V.M. *see* Cherdyntsev, V.A. 64529
Kozelov, A.V., Lebedev, A.A., Mandzhavidze, I.Z., Medved, S.A., Mikhailov, Yu.V. A trigger system for the tagging station of the tagged-neutrino facility 88253
Kozelov, A.V., Lebedev, A.A., Medved, S.A., Mikhailov, Yu.V. Time-resolved measurement of an output beam's intensity 87860
Kozen, A. *see* Kato, K. 72594
Kozen, A. *see* Nagatsuma, T. 58407
Kozen, A. *see* Wakita, K. 94260
Kozhevnikov, I.V., Fedorenko, A.I., Kondratenko, V.V., Pershin, Yu.P., Yulin, S.A., Zubarev, E.N., Padmore, H.A., Cheung, K.C., van Dorssen, G.E., Roper, M., Balakireva, L.L., Serov, R.V., Vinogradov, A.V. Synthesis and measurement of normal incidence X-ray multilayer mirrors optimized for a photon energy of 390 eV 67409
Kozhevnikov, N.M. *see* Barmenkov, Yu.O. 52884
Kozhevnikov, V. *see* Fulin Xiong 94638
Kozhevnikov, Y. *see* Fanti, V. 76788
Kozhinov, N.A. *see* Gushchin, E.M. 71019
Kozhukhova, E.A. *see* Dolginov, L.M. 93150
Kozhukhova, E.A. *see* Polyakov, A.Y. 71217
Kozick, R.J., Kassam, S.A. Improved coherent source decorrelation by autocorrelation matrix smoothing 95571
Kozilek, J.H., Oehler, A.M. EMC-characteristics of UTP-cabling: media filters versus shield 52304
Kozin, A.E., Mol'kov, S.I. Longitudinal electric field strength in the positive column of the low-pressure discharges of Ar II, Kr II, and He-Ne lasers 56609
Kozin, V. *see* Androsov, V. 76390
Kozin, V. *see* Bar'yakhtar, V. 67407
Kozin, V. *see* Efimov, S. 76546
Koziol, B., Petz, N.H., Ishii, T., Okitani, N., Masumori, M. CIE integrated system for the CPCM (coupled pickle line and tandem cold mill) at Dofasco's Hamilton Works 65354
Koziol, Z., Franse, J.J.M. Application of the Hall-probe technique for magnetization measurements of superconductors 76158
Koziol, Z., Menovsky, A.A., Bakker, K., Franse, J.J.M. Anisotropic low-field magnetization of heavy-fermion superconductor URu_2Si_2 72062
Kozitsina, N.I., Kaplinskii, B.I., Mebel', D.M. New equipment available from the Moscow Thermal Automation Manufacturing Plant for computer-aided automation of thermal processes 100351
Kozlenkova, N.I., Klimenko, E.Yu., Shikov, A.K. Critical surface of multifilamentary Nb_3Sn wires 82328
Kozlenkova, N.I. *see* Gubkin, I.N. 82327
Kozlenkova, N.I. *see* Nikulin, A.D. 82326
Kozljenkova, I.I. *see* Nikulin, A.D. 83563
Kozlov, A.A., Shapiro, B.M., Shrom, M.Yu., Bryzgalov, S.V., Betenekov, N.D., Viktorov, L.V., Denisov, E.I., Kuznetsov, A.Yu., Shul'gin, B.V. CaF_2-Eu single-crystal scintillation blocks for detecting β-radiation 98642
Kozlov, A.I. LiNbO cuts for filter applications of 90°-reflected leaky elastic waves 71921
Kozlov, A.I. Quasilongitudinal pseudosurface acoustic waves in piezoelectric crystals 82142
Kozlov, A.M. *see* Zhdan, A.G. 98257
Kozlov, D.G. The asymptotic behavior of the maximum guaranteed noise immunity of M-position signal transmission 57459
Kozlov, I.N. *see* Burov, L.I. 56645
Kozlov, I.N. *see* Gavrilenko, V.I. 55608
Kozlov, K.V. *see* Gorobets, V.A. 63665
Kozlov, S.N. *see* Demidovich, V.M. 55678
Kozlov, V.A. *see* Andreev, A.T. 56353
Kozlov, V.A. *see* Antokhin, A.Yu. 52786
Kozlov, V.B., Novitskii, V., Hangasjarvi, M. Opportunities for energy conservation in Russia with participation of Finnish firms 78273
Kozlov, V.F. Statistical characteristics of the flickerings of range measurements for the extended objects 75579
Kozlov, V.P., Prikhod'ko, V.A., Vainberg, I.A. Radio-wave monitoring of the density of sheet dielectric materials 55014
Kozlova, L.N. *see* Gradoboeva, N.A. 86701
Kozlovskaya, I.A. *see* Kozlovskii, V.V. 49960
Kozlovskaya, I.A. *see* Kozlovskii, V.V. 50104
Kozlovskaya, I.A. *see* Kozlovskii, V.V. 55632
Kozlovskii, S.I. *see* Babichev, G.G. 97945
Kozlovskii, V.V., Kozlovskaya, I.A., Livshits, Yu.A., Marakhonov, V.M. Insulation by proton bombardment of the elements of gallium arsenide integrated circuits created on MOCVD epitaxial structures 50104
Kozlovskii, V.V., Mazurov, S.A., Ber, B.Ya., Zakgeim, A.L., Zushinskii, D.A., Kozlovskaya, I.A., Kochnev, I.V., Yavich, B.S. Redistribution of aluminum in GaAs/AlGaAs quantum-well structures irradiated by protons 55632
Kozlovskii, V.V., Ponomarev, S.I., Kozlovskaya, I.A. Use of electron irradiation to eliminate breakdown in the high-voltage GaAs semiconductor devices 49960
Kozlovskii, V.V. *see* Didik, V.A. 93127
Kozlovsky, G. Solving partial differential equations using recursive grids 48872
Kozlovsky, W. *see* Gupta, M.C. 63441
Kozlovsky, W.J., Risk, W.P., Lenth, W., Kim, B.G., Bona, G.L., Jaeckel, H., Webb, D.J. Blue light generation by resonator-enhanced frequency doubling of an extended-cavity diode laser 72889
Kozlovtsev, V.G. *see* Kulikov, A.M. 100785
Kozlowski, F., Steiner, P., Lang, W., Sandmaier, H. Light-emitting diodes in porous silicon 63596
Kozlowski, J. *see* Golonka, L.J. 66527
Kozlowski, L.J., Cabelli, S.A., Cooper, D.E., Vural, K. Low background infrared hybrid focal plane array characterization 58855
Kozlowski, L.J., Lo, D., Bailey, R.B., Vural, K., Gertner, E.R., Edwall, D.D., Irvine, S.J., Tennant, W.E. 640×480 PACE HgCdTe FPA development for high performance FLIRs 66492
Kozlowski, L.J., McLevige, W.V., Cabelli, S.A., Vanderwyck, A.H.B., Cooper, D.E., Blazejewski, E.R., Vural, K., Tennant, W.E. Attainment of high sensitivity at elevated operating temperatures with staring hybrid HgCdTe-on-sapphire focal plane arrays 52954
Kozlowski, L.J., Vural, K., Bui, D.Q., Bailey, R.B., Cooper, D.E., Stephenson, D.M. Status and direction of PACE-I HgCdTe FPAs for astronomy 58852
Kozlowski, L.J. *see* Arias, J.M. 58753
Kozlowski, L.J. *see* Arias, J.M. 91529
Kozlowski, L.J. *see* Cooper, D.E. 58853
Kozlowski, M., Pietruszka, M. Quasi 3-D magnetic field computation for the layer structure of transformer cores 63249
Kozlowski, R. *see* Gammie, G. 92877
Kozlowski, R. *see* Kaminski, P. 81213
Kozlowski, T., Lester, N., Saul, J. Logic synthesis using both inclusive-OR and exclusive-OR sums of products 49342
Kozma, A. *see* Perry, R.P. 75624
Kozma, L. *see* Kukhlevsky, S.V. 63648
Kozma, R.B. Will media influence learning? Reframing the debate 69426
Kozminski, K. *see* Zemva, A. 49304
Koznuik, N.R. Battery maintenance & testing solutions with the Individual Cell Equalizer 89758
Kozodoy, R.L., Lundahl, S.L., Bell, D., Harrington, J.A. Three-dimensional characterization of the light distribution from diffusing cylindrical optical-fiber tips 94091

Kozono, S. Received signal-level characteristics in a wide-band mobile radio channel 75325
Kozono, S., Kimura, S., Suzuki, K., Kimura, K., Wakana, H. Satellite control system for the feeder-link earth station 88723
Kozono, S. *see* Kimura, M. 51104
Kozono, S. *see* Suzuki, K. 88724
Kozono, S. *see* Yamamoto, S. 88711
Kozu, T. *see* Kawanishi, T. 67832
Kozu, T. *see* Okamoto, K. 67833
Kozu, T. *see* Thurai, M. 77406
Kozub, S. *see* Rybakov, E. 76657
Kozub, S.S. *see* Andreev, N.I. 76575
Kozuo, S.S. *see* Baibekov, V.I. 76574
Kozub, V.I. *see* Agrinskaya, N.V. 81225
Kozuh, T. *see* Gibbons, G. 68457
Kozuka, T. *see* Close, R. 64714
Kozuka, T. *see* Ikezoe, J. 67481
Kozuka, Z. *see* Yao, S. 87316
Kozyrenko, A.A. *see* Aksel'rod, A.V. 52665
Kozyrev, A.B., Samoilova, T.B., Shaferova, S.Yu. Fast current S-N switching in $YBa_2Cu_3O_{7-x}$ films and its application to an amplitude modulation of microwave signal 82309
Kozyrev, E. *see* Nezhevenko, O. 76375
Kponou, A.E. *see* Hershcovitch, A.I. 67276
Kraabel, B. *see* Halvorson, C. 83328
Kraak, W., Oelze, B., Kunzel, M., Bach, H.G., Bottger, J., Nakov, V., Schulze, D., Gobsch, G. Properties of a high-mobility two-dimensional electron gas in modulation-doped quantum well structures of GaInAs/AlInAs and GaInAs/$(Ga_{1-x}Al_x)$InAs heterostructures 71162
Kraakman, P.A. *see* de Leeuw, D.M. 93270
Kraan, I., Bongers, P.M.M. Control of a wind turbine using several linear robust controllers 89766
Kraas, H.-J. *see* Kallmerten, A. 75014
Krabbenborg, B.H. *see* Mouthaan, T.J. 66271
Krabbes, G. *see* Fliegel, W. 66539
Krabi, J. *see* Belolaptikov, I.A. 59156
Krabill, W.B. *see* Stetina, F. 77307
Krachkovsky, V.Yu. Bounds on the zero-error capacity of the input-constrained bit-shift channel 95116
Krachkovsky, V.Yu. *see* Kolesnik, V.D. 95192
Kraemer, B., Basset, R., Baughman, C., Chye, P., Day, D., Wei, J. Power PHEMT module delivers 4 watts, 38% P.A.E. over the 18.0 to 21.2 GHz band 80837
Kraemer, B., Basset, R., Chye, P., Ding Day, Wei, J. Power PHEMT module delivers 12 watts, 40% P.A.E. over the 8.5 to 10.5 GHz band 92580
Kraemer, W. Signal Generator SMP: the microwave generator for stringent requirements 52974
Kraeutner, P., Bird, J. A PC based coherent sonar workstation for experimental underwater acoustics 99250
Krafcsik, I., Farkas, L., Zimmer, A., Rossi, C., Fabris, A., Gorini, G., Poggiani, R. Beam parameters and characterization technique 53122
Krafcsik, I. *see* Horvath, D. 53123
Krafcsik, I. *see* Kiss, L. 51039
Krafft, G.A., Bisognano, J.J., Crofford, M.T., Hovater, J.C., Merminga, L., Simrock, S.N., Witherspoon, S.D., Kubo, K. Energy vernier system for CEBAF 76507
Krafft, G.A. *see* Bickley, M. 87693
Krafft, G.A. *see* Chao, Y. 67004
Krafft, G.A. *see* Hofler, A.S. 76486
Krafft, G.A. *see* Merminga, L. 87873
Krafft, G.A. *see* Sereno, N.S. 87902
Krafft, G.A. *see* Simrock, S.N. 67045
Krafft, G.A. *see* Tiefenback, M.G. 66968
Kraft, P. *see* Honig, K. 75138
Kraft, P. *see* Klein, H.K. 54401
Kraft, R. *see* Zimmert, G. 69118
Kraft, R.H. CMG singularity avoidance in attitude control of a flexible spacecraft 59489
Kraft, U.R. Submillimeter wave limb sounder instrument technology development in Europe 67815
Krage, M.K. *see* Rillings, J.H. 75684
Krahe, R.P. *see* Fadul, F.K. 78661
Krahenbuhl, F., Bernstein, B., Danikas, M., Densley, J., Kadotani, K., Kahle, M., Kosaki, M., Mitsui, H., Nagao, M., Smit, J., Tanaka, T. Properties of electrical insulating materials at cryogenic temperatures: A literature review 82163
Krahenbuhl, L. *see* Vasconcelos, J.A. 51018
Krahenbuhl, L. *see* Vasconcelos, J.A. 83467
Krahendbuhl, L. *see* Wanser, S. 83492
Kraimer, M. *see* McDowell, W. 76334
Krainak, M.A. *see* Thelen, D. 65822
Krainov, I., Galunov, N., Tolmachev, A., Lisetski, L. Anisotropic organic systems as molecular materials for electronics 60487
Krainov, I. *see* Savvin, Yu. 56523
Krainov, V.P., Mulyukov, Z.S. A plateau in high-order harmonic generation for a two-level atom 73008
Krainov, V.P., Mulyukov, Z.S. Acceleration of electrons under the ionization of atoms by focused laser pulse radiation 73236
Krainov, V.V. *see* Ippolitov, I.I. 99926
Krainsky, I.L., Vaden, K.R., Curren, A.N., Dayton, J.A., Jr., Mearini, G.T. The angular distribution of elastically scattered electrons and computed impact on collector performance 62065
Krainsky, I.L. *see* Bekker, T.L. 62064
Kraisingdecha, P., Shwe, C., Gal, M., Tan, H.H., Jagadish, C. Optical measurement of the distribution of damage in ion-implanted GaAs 71317
Kraje, B., Pitts, J., Woolf, B.P., Fray, R., Ghosh, R. Extending the availability of training simulators with EPRI's intelligent tutoring system 68423
Krajewski, J.J. *see* Eisaki, H. 72221
Krajewski, L.J. *see* Sheu, C. 54422
Krakauer, D. *see* Fordham, C. 59184
Krakauer, D.B. *see* Su, L.T. 93376
Krakiwsky, E.J. *see* Abousalem, M.A. 65983
Kral, J.F. *see* Allport, P.P. 76752
Kral, K. Short-circuit tests of the 400 kV electric system of the Slovak Republic 59983
Kral, S.F., Huang, X.R., Xu, M., Lvovsky, Y., Aslam, M. 30 MW SMES system for utility application 90470
Kral, S.F. *see* Aslam, M.T. 89033
Kral, S.F. *see* Lvovsky, Y.M. 82451
Kralik, J.C., Malcuit, M.S. Transient oscillations in nondegenerate two-beam coupling 50945
Kralikova, B. *see* Mroz, W. 53219
Kralj, B., Rajakovic, N. Multiobjective programming in power system optimization: new approach to generator maintenance scheduling 78392
Kralj, D., Carin, L. Wideband dispersion measurements of water in reflection and transmission 58958
Kralj, D. *see* McClure, M. 95641
Kralj, D. *see* Rahman, A. 51241
Krall, J., Ting, A., Esarey, E., Sprangle, P. Self-modulated-laser wakefield acceleration 76370
Krall, J. *see* Joyce, G. 76635
Krall, J. *see* Ting, A. 76371
Kramar, G.P. *see* Afanasjev, V.P. 56157
Kramar, J.A. *see* Teague, E.C. 55837
Kramarczyk, S. *see* Bock, B. 53325
Krambeck, R.H., Chen, C.T., Tsui, R.Y. ORCA: a high speed, high density FPGA architecture 70390
Kramer, A., Denker, J.S., Avery, S.C., Dickinson, A.G., Wik, T.R. Adiabatic computing with the 2N-2N2D logic family 70425
Kramer, A. *see* Lazzaro, J. 61819
Kramer, B. *see* Kuebart, W. 75492
Kramer, B. *see* Weinmann, D. 55623
Kramer, C. *see* Arent, D.J. 91512
Kramer, C. *see* Bertness, K.A. 78829
Kramer, C. *see* Bertness, K.A. 90412
Kramer, C. *see* Friedman, D.J. 90444
Kramer, D. Status of BESSY II, a high brilliance synchrotron light source in the VUV to XUV range 66831
Kramer, D. *see* Jaeschke, E. 67275
Kramer, G. *see* Huber, J.L. 62668
Kramer, G. *see* Schnatz, H. 86824
Kramer, G. *see* Walther, M. 81333
Kramer, G.A. *see* Kumar, V. 69521
Kramer, G.H., Puscalau, M. Chest wall thickness measurements for enriched uranium: an alternative approach 59358
Kramer, H., Hake, A., Kunde, V., Martin, C., Merle, K., Steffens, S. The experiment control system of the 3-spectrometer-setup at MAMI 88264
Kramer, H. *see* Schiemann, T. 57684
Kramer, H.M., Bohm, J., Iles, W.J., Thompson, I.M.G. On the current status of an ISO working document on the calibration and type testing of radiation protection dosemeters for photons 88596
Kramer, H.M. *see* Zhao, S. 59220
Kramer, J. Open software architecture for the electronics industry 92730
Kramer, J. *see* Kremien, O. 85711
Kramer, J. *see* Slaoui, A. 70033
Kramer, K.-J., Talwar, S., Sigmon, T.W., Weiner, K.H. Heteroepitaxial $Si/Si_{1-x}Ge_x/Si$ structures produced using pulsed UV-laser processing 79845
Kramer, K.M., Hitchon, W.N.G., Divan, D.M. Conductivity modulation in p-i-n diodes simulated using a highly flexible approach 62656
Kramer, M.A. *see* Rojas-Guzman, C. 87026
Kramer, R.A. *see* Douglas, L.D. 77940
Kramer, S.R., Rodenbaugh, T.J., Conroy, M.W. The use of trenchless technologies for transmission and distribution projects 89256
Kramer, U. *see* Marnette, W. 69255
Kramerkamper, T., Fent, J., Frochtenicht, W., Goldner, D., Gruber, A., Kiesling, C., Kobler, T., Kolanoski, H., Mock, J., Ribarics, P. ANN as a level 2 trigger for the H1 experiment—learning strategies and visualization 88257
Kramerkamper, T. *see* Gruber, A. 88256
Kramerkamper, T. *see* Kiesling, C. 88254
Kramerkamper, T. *see* Ribarics, P. 88255
Krames, M.R., Holonyak, N., Jr., Epler, J.E., Schweizer, H.P. Buried-oxide ridge-waveguide InAlAs-InP-InGaAsP ($\lambda \sim 1.3$ μm) quantum well heterostructure laser diodes 56767
Krammer, M. *see* Cindro, V. 98688
Krammer, M. *see* Dabrowski, W. 98521
Kramor, S.S., Lubsanov, R.B. Investigation of using a pulsed voltage to form an Al-SiO-Ni thin-film system 93090
Kranakis, E., Krizanc, D., Ravi, S.S. On multi-label linear interval routing schemes 65089
Krandick, W. *see* Collins, G.E. 69794
Krane, R.J. Research needs in thermal management of electronic systems 79435
Krane, R.J., Ahmed, I., Parsons, J.R. The cooling of electronic components with flat plate heat sinks 79418
Krane, R.J., Andersen, J.C., Parsons, J.R., Bar-Cohen, A. Thermal control for cryogenically cooled computer systems 79424
Kraner, H.W. *see* Wei Chen 88054
Kraniauskas, P. A plain man's guide to the FFT 51505
Krank, W. ASTRA Digital Radio (ADR): new dimensions for a satellite radio service 97567
Krankenhagen, R., Schmidt, M., Henrion, W., Sieber, I., Selle, B., Flietner, H. Optical and photoelectrical properties of μc-Si layers and the influence of subsequent hydrogenation 92933
Krantz, E.G., Branner, G.R. Active microwave filters with noise performance considerations 70916
Kranz, E.G. *see* Fruhauf, U. 76111
Kranz, H.G. *see* Beigert, M. 68242
Kranz, U. *see* Eingartner, M. 78516
Krapanidhi, S.B. *see* Hu, H. 56119
Krasa, J. *see* Mroz, W. 53219
Krasheninin, V.I. *see* Kartuzhanskii, A.L. 71136
Krasheninnikov, V.V. *see* Ivanchenko, A.I. 82898
Krashinsky, I. *see* Rashid, E. 92286
Krasikov, S.A., Matveev, A.I., Tamadaev, A.M. Brief emergency increase of the capacity of turbine-generator units of hydroelectric stations by means of a jet pump 78536
Krasinski, D.J. *see* Florkey, C. 64359
Krasinski, J.S., Pearson, G.W. Optical nonreciprocal devices and their applications 72493
Krasinski, J.S. *see* Pearson, G.W. 72771
Krasinski, J.S. *see* Pearson, G.W. 73111
Krasinski, Z., Majewski, A., Hinata, T. Accurate numerical analysis of polarization-maintaining W-type elliptical fibers 50475
Krasko, Z., Smith, D., Liebermann, R. A study of the sodium-scandium-lithium iodide HID lamp fill and application to 4000 K design 90635
Krasnay, Z. *see* Skyba, P. 90097
Krasniewski, A., Wronski, L.B. Tests for path delay faults vs. tests for gate delay faults: how different they are 92009
Krasnikov, V.V., Novoderezhkin, V.I., Panchenko, V.Ya., Razumikhina, T.B., Solomatin, V.S., Chugunov, A.V. Application of an IR spectrometer for a diagnostics of illness by analysis of expired air 59374
Krasnikov, V.V. *see* Malliaras, G.G. 72564
Krasnitsky, V.Y. *see* Lesnikova, V.P. 70162
Krasnitsky, V.Y. *see* Turtsevich, A.S. 70152
Krasnjuk, V., Arandjelovic, D., Petrovic, M., Hribsek, M. A CCD model applied to colour camera characteristics measurement 97624
Krasnobaev, L.Y. *see* Buravlyov, A.V. 54874
Krasnoborod'ko, V.V. *see* Avilov, K.V. 67756
Krasnokutsky, R.N. *see* Chen, M. 67340
Krasnoperova, A.A., Rhyner, S., Yequi Zhu, Taylor, J.W., Cerrina, F., Waldo, W. The modeling of a positive chemically amplified photoresist for X-ray lithography 81601
Krasnoperova, A.A. *see* Nachman, R. 81592
Krasnoperova, A.A. *see* Waldo, W.G. 81590
Krasnoperova, A.A. *see* Waldo, W.G. 81594
Krasnopolin, I.Ya. *see* Bochanov, A.F. 86842
Krasnopolsky, V. *see* Meshcherov, R. 76379
Krasnopolsky, V.A. A coaxial-type accelerating system with amorphous material 67109
Krasnov, V.M. *see* Golubov, A.A. 67361
Krasnova, F.S., Fofanov, V.B. Automatic decoding of aerospace pictures. I 51702
Krasnova, F.S., Fofanov, V.B. Automatic decoding of aerospace pictures. II 57688
Krasnova, L.O. *see* Korchazchkin, S.V. 94576
Krasnyi, L.G., Krzhizhanovskii, V.V. Optimization of spatial and temporal processing of multiray signals in an anisotropic noise field 95472
Krasnykh, A., Popov, Yu., Rudenko, V., Somov, L., Men'shikov, L., Prusakov, V., Subbotin, S. SCANUR: a subcritical reactor with electron linacs for transmutation of nuclear wastes 66793
Krasnykh, A. *see* Perelstein, E. 76542
Krasovskaia, T.M. *see* Tikunov, V.S. 77671
Krasovskii, A.V. *see* Morozov, Yu.A. 94498
Krasovskii, V.T. *see* Pinskii, V.L. 99766
Krassin, E. Optimisation of PLD (Programmable logic Device) tools: migration from PLD to CPLD and FPGA designs 80226
Krassowski, A.J. Exploring SPROC DSP interfacing to micros 70638
Krastel, K. *see* Rudlaff, T. 50980
Krastev, V. *see* Ambrosi, G. 53302
Krastev, V.R. *see* Adam, A. 88087
Krastev, V.R. *see* Adam, A. 88102
Krastov, V.R. *see* Adriani, O. 88023
Krasyuk, T.V. *see* Belokopytov, G.V. 66336
Kraszewski, A.W., Nelson, S.O. Microwave resonator technique for moisture content and mass determination in single soybean seeds 66784

Kraszewski, A.W. *see* Nelson, S.O. 87612
Kratochvil, J., Tuza, Z. Intersection of dimensions of graph classes 79613
Kratochvil, J. *see* Stevens, J. 99996
Krattenthaler, W. *see* Hlawatsch, F. 84372
Kratz, F., Maquin, D., Ragot, J. Robust generation of analytical redundancy equations and applications to diagnosis 69627
Kratz, F. *see* Schmitt, D.-R. 76203
Kratz, N. *see* Jager, K.-W. 79296
Kratzer, A. *see* Munch, K.-H. 76851
Kratzig, E. *see* Buse, K. 50971
Kratzig, E. *see* Kip, D. 82651
Kratzig, E. *see* Rupp, R.A. 57010
Kratzig, W.B., Jian-Wu Zhang A simple four-node quadrilateral finite element for plates 69898
Kraus, A. *see* Behrens, V. 61984
Kraus, A.D. Analysis of extended surface arrays for air-cooled electronic equipment 79426
Kraus, A.D. The choking of finned arrays 79427
Kraus, D., Dhaouadi, A., Bohme, J.F. EM dual maximum likelihood estimation for wideband source location 74103
Kraus, E., Dougherty, E.R. Segmentation-free morphological character recognition 95644
Kraus, J.D. Catching the wave [gravity wave communication] 94760
Kraus, J.M. *see* Leger, A. 99089
Kraus, L., Haslar, V., Duhaj, P. Correlation between saturation magnetization, magnetostriction and creep-induced anisotropy in amorphous $(FeCo)_{85}B_{15}$ alloys 72009
Kraus, L., Kane, S.N., Vazquez, M., Rivero, G., Fraga, E., Hernando, A., Barandiaran, J.M. Tensor components of the magnetization in a twisted Fe-rich amorphous wire 71994
Kraus, M.M. *see* Becker, C.R. 61260
Kraus, P. Systems' optimization: achieving the balance [fuel cell power plants] 60149
Kraus, R., Hoffmann, K. An analytical model of IGBTs with low emitter efficiency 55968
Kraus, R. *see* Bayer, M. 93348
Kraus, R. *see* Haworth, M. 76408
Kraus, R. *see* Johnson, K.F. 76427
Kraus, R.H., Jr. The overview and history of permanent magnet devices in accelerator technology 87669
Kraus, R.H., Jr. *see* Barlow, D.B. 87688
Kraus, R.H., Jr. *see* Barlow, D.B. 87689
Kraus, S. *see* Dickmanns, E.D. 77139
Krause, A. *see* Schwalm, R. 81613
Krause, A.E. *see* Yonah, Z.O. 89923
Krause, B.A. *see* McCalley, J.D. 78050
Krause, D.V. *see* Kunda, D. 68112
Krause, E., Hartmann, H., Menninger, J., Hoffmann, A., Fricke, C., Heitz, R., Lummer, B., Kutzer, V., Broser, I. Influence of growth non-stoichiometry on optical properties of doped and non-doped ZnSe grown by chemical vapour deposition 61376
Krause, E. *see* Daring, H. 75453
Krause, J. Thickness measurement on multi-layered structures by SAW dispersion 53052
Krause, J. *see* Kakerow, R. 66282
Krause, J. *see* Leonhard, V. 66221
Krause, J. *see* Meyer, H. 58862
Krause, K., Schuricht, M. Testing the tester 65443
Krause, R.F. *see* Wei Gong 71936
Krause, R.F. *see* Withanawasam, L. 71989
Krause, S., Moritz, W., Grohmann, I. Improved long-term stability for an LaF_3 based oxygen sensor 58876
Krause, S.J. *see* Venables, D. 93143
Krause, W.J. *see* Kahn, J.M. 65249
Kraushaar, K.H. The "cockpit" control room for Unit 5 at Staudinger Power Station—technical concept, philosophy and operating experience to date 89550
Kraushaar, P., Burgett, W., Dombeck, T., McInturff, A., Robinson, W., Saladin, V. SSC string test facility for superconducting magnets: testing capabilities and program for collider magnets 76654
Kraushaar, P. *see* Burgett, W. 98480
Kraushaar, P. *see* McInturff, A.D. 76652
Kraushaar, P. *see* McInturff, A.D. 87671
Kraushaar, P. *see* Robinson, W. 76644
Kraushaar, P. *see* Shu, Q.S. 87932
Krauss, A.R. *see* Gruen, D.M. 91622
Krauss, C. *see* Yen-Ping Shan 85679
Krauss, L., Rufa, G. On the design of a hierarchical SS7 network: a graph theoretical approach 51875
Krauss, O., Gerlach, R., Fricke, J. Experimental and theoretical investigations of SiO_2-aerogel matched piezo-transducers 53558
Krauss, R.H., Hellier, R.G., McDaniel, J.C. Surface temperature imaging below 300 K using La_2O_2S:Eu 66715
Krauss, T., DeLaRue, R.M., Gontijo, I., Laybourn, P.J.R., Roberts, J.S. Strip-loaded semiconductor ring lasers employing multimode interference output couplers 56766
Krauss, T., Song, Y.P., Thoms, S., Wilkinson, C.D.W., DelaRue, R.M. Fabrication of 2-D photonic bandgap structures in GaAs/AlGaAs 83081
Krauss, T. *see* Gontijo, I. 71152
Krausz, F. *see* Harvey, J.D. 63755
Krausz, F. *see* Spielmann, C. 63732
Kraut, R.E. *see* Cool, C. 97707
Kraut, R.E. *see* Fish, R.S. 65451
Kraut, R.E. *see* Galegher, J. 96718
Krauter, K., Crane, M. MPS beam control software architecture 76579
Krautle, H. *see* Ressel, P. 81336
Krautter, H.W. *see* Muller, A.J. 93109
Krauz, P. *see* Bruckner, H.J. 72905
Krauz, P. *see* Souli, N. 97233
Krauze, U. *see* Pawluk, K. 57051
Kravchenko, G.V. *see* Shashkin, A.A. 71634
Kravchenko, S.A. *see* Tarbeyev, Yu.V. 86925
Kravchenko, V.B. *see* Andreev, A.V. 63306
Kravchenko, V.B. *see* Andreev, A.V. 87142
Kravchenko, V.F. Method of physical investigation of pulsed gas-discharge lasers 63645
Kravchenko, V.F., Rvachev, V.L., Chaplin, A.F. The electromagnetic field of an array of superconducting antennas 57297
Kravchenko, V.F. *see* Karabut, E.K. 63643
Kravchenko, V.F. *see* Volosyuk, V.K. 99156
Kravchenko, V.I. *see* Prikhodko, V.M. 99795
Kravchenko, V.I. *see* Prikhodko, V.M. 100404
Kravchuk, N.P. Cylindrical multiwire proportional chambers in physics experiments at JINR and PSI 98637
Kravchuk, N.P. *see* Baranov, V.A. 76849
Kravchun, P.N. On a possibility of acoustic matching for hydroacoustic transducers of small wave size 67929
Kravets, L.I. *see* Apel, P. 53339
Kravets, L.I. *see* Apel, P.Yu. 88189
Kravets, V.G. *see* Grinko, D.A. 72291
Kravez, V.G. *see* Petrov, V.V. 72288
Kravis, S., Oura, M., Awaya, Y., Okuno, K., Kimura, M. An EBIS for use with synchrotron radiation 53153
Kravitz, S.H. *see* Hietala, V.M. 82727
Kravtchinskaia, E. *see* Davis, C.A. 62411
Kravtsov, I.A., Naumenko, E.D., Smirnov, E.N., Sretenskii, V.N., Fialkova, D.T. Interaction of a spiraling ultrarelativistic electron with the field of a cylindrical TE_{011} cavity 57053
Kravtsov, N.N. *see* Shabat'ko, N.M. 94404
Kravtsov, N.V. *see* Shabat'ko, N.M. 94404
Kravtsov, S.V. *see* Lesnikova, V.P. 70162
Kravtsov, S.V. *see* Turtsevich, A.S. 70152
Krawczyk, A., Skoczkowski, T. Electromagnetic field influence on living organisms 98997
Krawczyk, A. *see* Gmitrzak, A. 100065
Krawczyk, F. *see* Wangler, T.P. 76301
Krawczyk, H. Secret sharing made short 73753
Krawczyk, H. *see* Coppersmith, D. 73744
Krawczyk, J.B. *see* Haurie, A. 69689
Krawczyk, S.K. *see* Kostka, A. 81418
Krawinkel, C. *see* Stark, A. 52671
Krayem-Nevoux, R., Mazziotto, G., Hiolle, P. Payphone service for third generation mobile systems 86185
Krchnavek, R.R. *see* Chamberlain, R.D. 50635
Krchnavek, R.R. *see* Chamberlain, R.D. 94225
Krchnavek, R.R. *see* Cordaro, M.H. 94064
Krchnavek, R.R. *see* Kane, C.F. 82664
Krchnavek, R.R. *see* Nakagawa, K. 82665
Krcmar, M. *see* Ilic, R. 88161
Krcum, M., Kuzmanic, I. Shipboard lighting in relation to safety of navigation 100935
Kreamer, E.W. *see* Tardelli, J.D. 85910
Krebs, D.J. *see* Guerra, D.V. 94374
Krebs, E. *see* McMahan, M.A. 76460
Krebs, G. The challenge of transferring a state of the art telecommunication system manufacturing technology 96954
Krebs, J.J. *see* Wolf, J.A. 70046
Krebs, R., Retzmann, D., Ziegler, G. Layout and testing of systems of protection 99764
Krebs, S. Intelligent stepping motor 90052
Krebs, V. *see* Blume, S. 65864
Krech, W., Muller, H.-O. Features of set dynamics in ultrasmall SNS and NSN double junctions 72234
Krech, W. *see* Basler, M. 72231
Krech, W. *see* Gotz, M. 63322
Krechmer, K. V.34 modems: off to a fast start? 52267
Krefta, M.P., Chuboy, H.L., Johnson, D.C., Garg, V. Magnetic design and analysis of the SSC High Energy Booster dipole magnets 87679
Krefter, K.-H. Measures for proving the conformity to standards and the load-carrying capacity of cables and cable looms 99697
Kreger, R. *see* Ockwell, G. 59716
Krehbiel, P.R. *see* Rhodes, C.T. 67812
Kreidin, B.L., Kreidin, I.L. A calculated assessment of the hydraulic resistance for friction with steam condensation in tubes 78351
Kreidin, I.L. *see* Kreidin, B.L. 78351
Kreienhoop, L. *see* Wohrle, D. 60472
Kreienmeyer, M. *see* Klaas, O. 69902
Kreifeldt, J.G. *see* Levine, S.H. 64827
Kreifels, J. *see* Baker, A. 92225
Krein, P.T. *see* Briggs, S.J. 68211
Kreinbrink, K. *see* Parsons, B.K. 93985
Kreindler, L., Moreira, J.C., Testa, A., Lipo, T.A. Direct field orientation controller using the stator phase voltage third harmonic 60226
Kreindler, L., Testa, A., Lipo, T.A. Position sensorless synchronous reluctance motor drive using the stator phase voltage third harmonic 60542
Kreischer, K.E. *see* Blank, M. 49744
Kreischer, K.E. *see* Nusinovich, G.S. 49745
Kreiser, H. *see* Akchnrin, N. 66847
Kreisler, M.N. *see* Christian, D.C. 59094
Kreitzman, S.R., Estle, T.L., Hitti, B., Schneider, J.W., Chow, K.H., Lichti, R.L. A microwave μSR spectrometer 76852
Krejci, I. *see* Halamek, J. 74127
Krejcik, P., Bane, K., Corredoura, P., Decker, F.J., Judkins, J., Limberg, T., Minty, M., Siemann, R.H., Pedersen, F. High intensity bunch length instabilities in the SLC damping rings 87900
Krejcik, P., Corredoura, P., Minty, M., Siemann, R., Tighe, R., Pedersen, F. RF feedback for beam loading compensation in the SLC Damping Rings 76509
Krejcik, P. *see* Adolphsen, C. 76537
Krejcik, P. *see* Minty, M. 76510
Krekels, H.-G., Schiek, B. An automatic procedure for a calibration of a network analyzer 86857
Krekels, H.-G., Schiek, B. A full model calibration algorithm for a dual six-port network analyzer 97841
Krekov, G.M. *see* Krekova, M.M. 86603
Krekova, M.M., Krekov, G.M., Samokhvalov, I.V., Shamanaev, V.S. Numerical evaluation of the possibilities of remote laser sensing of fish schools 86603
Kremenetskii, S.D., Bakhrakh, L.D. On the probability of the error of identification of digital phase-manipulated radio pulses 57335
Kremenetskii, S.D., Bakhrakh, L.D. Modeling electromagnetic compatibility parameters of antennas at base frequency harmonics 83812
Kremenetskiy, S.D. Integral electromagnetic-compatibility parameters of antennas at harmonics of the fundamental frequency 64215
Kremenetskiy, S.D., Tumanskaya, A.E. Minimization of the phase-errors of the excitation field of the partial zones of the surface of a multibeam mirror antenna 64213
Kremer, D. Method of lines for the analysis of optical waveguide structures with complex refractive indices using a pole-free eigenvalue determination 63449
Kremer, D.P. *see* Jacobson, M.D. 99181
Kremer, K. *see* Ramme, F. 85714
Kremien, O., Kramer, J. Providing high performance distributed computing through scalable computation servers 85711
Kremnev, V.V. *see* Abdullin, I.N. 54072
Krempasky, L., Schmidt, C. Theoretical analysis of time constant measurements of technical superconductors 82317
Krempasky, L., Schmidt, C. Frequency behaviour of phase shift between magnetization and external ac-field in technical superconductors 93917
Krempasky, L. *see* Hlasnik, I. 82310
Krempasky, L. *see* Kekavec, J. 94017
Krempasky, L. *see* Polak, M. 82320
Kremser, A. *see* Bayer, M. 53993
Kremser, H. *see* Garn, H. 75233
Kremser, H. *see* Garn, H. 96883
Kremser, R. *see* Garn, H. 75233
Kremser, R. *see* Garn, H. 96883
Kremser, S., Bodermann, B., Knockel, H., Tiemann, E. Frequency stabilization of diode lasers to hyperfine transitions of the iodine molecule 83076
Kren, D.E., Rezazadeh, A.A., Tothill, N. Temperature dependence of current gains in high C-doped base HBTs 55910
Krenek, B.D. *see* Williams, B.A. 77610
Krenek, B.D. *see* Williams, B.A. 77650
Krenek, P. *see* Gonzalez, J.J. 60377
Krenicky, A. *see* Eriksson, A. 90312
Krenik, W. *see* Choi, D. 92428
Krenkova, O. Transient performance of a synchronous drive following a short stator current interruption 69037
Krenn, H. *see* Enichlmair, H. 53033
Krenn, H. *see* Enichlmair, H. 58738
Kresch, R., Malah, D. Morphological reduction of skeleton redundancy 74340
Kreshchuk, A.M. *see* Drozdov, S.V. 49804
Kreskovsky, J.P. *see* Grubin, H.L. 62641
Kress, D.F. Specifications and maintenance of girth gears 60658
Kress, K. Assessing CAD/CAE systems for HV substation design 68908
Kress, K. *see* Hofmann, F. 100418
Kress, M. *see* Chernin, D. 92868
Kress, T. *see* Geib, P. 60386
Kresse, J.M. Software implementation for a DSP chip for a programmable HDTV video dequantizer 75743
Kressel, H., Lechner, B.J. Scanning the issue: special issue on consumer electronics 48531
Kretchmer, J. *see* Brown, D.M. 49826
Kretsinger, S. *see* Rovnyak, S. 89003
Kretz, T. *see* Maurice, J.-L. 81870
Kretz, T. *see* Pribat, D. 58930
Kretzinger, K.F. *see* McDonald, C.F. 78299
Kreuger, F.H., Fromm, U. Partial discharges in gaseous voids for DC voltage 50115

Kreuger, F.H., Fromm, U. Time resolved measurements of partial discharges in gaseous voids at DC voltage 82131
Kreutz, A. *see* Fanti, V. 76788
Kreutz, J.J.M., Panzer, J. Derivation of the quasi-Butterworth 5 alignments [loudspeaker systems] 66089
Kreutz, R., Bretsch, E., Dreher, K., Gruneberg, H., Lutkehaus, H., Nick, W., Peschel, H., Rzezonka, B., Sommer, F., Schafer, P. Design of superconducting quadrupole magnets for CEBAF's Hall A spectrometer 76649
Kreuzer, M. Measuring electronics evolve from analog amplifier systems to highly integrated transducer electronics 75878
Kreuzer, P. *see* Harr, R. 88209
Kreuzer, W. *see* Filimon, V. 86139
Krevet, B. *see* Wallrabe, U. 54043
Krey, C.J. *see* Buvry, M. 64671
Krey, C.J. *see* Buvry, M. 84865
Kreysar, D. *see* Rand, S.C. 56652
Kreyssig, A., Irmer, K., Hartung, U. ZnS/^{6}Li scintillation material as an alternative to ^{6}Li-glass scintillators for neutron detection in time focusing geometry 98515
Kreyssig, J. *see* Gerndt, R. 80216
Krhen, M. *see* Domitrovic, H. 99319
Krhen, M. *see* Somek, B. 96421
Krichen, L., Kamoun, M.B.A. Modeling of synchronous machine damper circuits 78579
Krick, J.T. *see* Liu, Z.H. 62825
Krick, J.T. *see* Zhi-Jian Ma 82074
Kriebel, C.H. *see* Riggins, F.J. 85403
Krieg, J.F. *see* Pease, R.L. 71648
Krieger, B.R. Engineering challenges in demand side management 78002
Krieger, B.R. The challenges of DSM 89087
Krieger, D., Sclabassi, R.J. Time-varying evoked potentials [surgical monitoring] 88518
Krieger, E., Pihlak, U. Measurement of plasma jet parameters 94748
Krieger, R. *see* Hahn, R. 49307
Krieger, R. *see* Monahan, K.M. 87525
Krieger, R.A. *see* Yu, D.C. 88966
Krieger, W. *see* Volcker, M. 76193
Krieger, Yu.G. Molecular electronics: current state and future trends 71017
Kriegman, D.J. *see* Taubin, G. 51590
Krier, A. *see* Abass, A.K. 58886
Krier, A. *see* Collins, R.A. 87324
Krier, A. *see* Mao, Y. 71165
Krier, A. *see* Parry, M.K. 48934
Krier, A. *see* Parry, M.K. 91536
Kriezis, E.E. *see* Perdikouris, A.C. 64202
Kriger, Yu.G., Yudanov, N.F., Igumenov, I.K., Vashchenko, S.B. Study of test structures of a molecular memory element 71015
Krijn, M.P.C.M. *see* Blom, P.W.M. 93774
Krijnen, G. *see* Torruellas, W.E. 94622
Krijnen, G.J.M., Hoekstra, H.J.W.M., Lambeck, P.V. A new method for the calculation of propagation constants and field profiles of guided modes of nonlinear channel waveguides based on the effective index method 94134
Krikeles, B., Lipton, S. Embedding intelligence in an automated document conversion system 68144
Krikelis, A. *see* Anyanwu, C.D. 66156
Krikelis, N.J. *see* Rekkas, C.M. 87528
Krikunchik, G.A. *see* Anisimov, V.A. 69084
Krikupov, A.I. *see* Grigor'evskii, V.I. 82224
Krile, T.F. *see* Ellett, S.A. 50649
Krile, T.F. *see* Ellett, S.A. 72531
Krile, T.F. *see* Morelli, M.V. 56448
Krile, T.F. *see* Timucin, D.A. 50641
Krim, H., Cozzens, J.H. A data-based enumeration technique for fully correlated signals 74071
Krim, H., Pesquet, J.-C., Drouiche, K. Tracking nonstationarities with a wavelet transform 74101
Krim, H. *see* On, H. 67543
Krimmel, E.F. *see* Markwitz, A. 55534
Krimmel, E.F. *see* Markwitz, A. 93073
Krimmel, H.G., Heidemann, R. Wavelength division integration of analogue CATV distribution service and narrowband dialogue service on passive optical star networks 52714
Krimmer, C. *see* Petersen, K. 63320
Kringhoj, P., Elliman, R.G. Diffusion of ion implanted Sn in Si, $Si_{1-x}Ge_x$, and Ge 71306
Kringhoj, P., Elliman, R.G. Solid-phase epitaxial crystallization of strain-relaxed $Si_{1-x}Ge_x$ alloy layers 79797
Kringlebotn, J.T., Archambault, J.-L., Reekie, L., Townsend, J.E., Vienne, G.G., Payne, D.N. Highly-efficient, low-noise grating-feedback Er^{3+}:Yb^{3+} codoped fibre laser 63709
Kringlebotn, J.T., Blotekjaer, K. Noise analysis of an amplified fiber-optic recirculating-ring delay line 52594
Kringlebotn, J.T., Blotekjaer, N., Pannell, C.N. Field statistics modelling of beat noise in an optical amplifier 63624
Kringlebotn, J.T. *see* Hsu, K. 63721
Krings, G. Intelligent memory chips for smart cards 80338
Krinsky, S. *see* Bane, K. 87708
Krinsky, S. *see* Friedman, A. 67218
Krinsky, S. *see* Friedman, A. 72931
Krinsky, S. *see* Gluckstern, R.L. 63882
Krinsky, S. *see* Ingold, G. 63868
Krinsky, S. *see* Murphy, J.B. 76858
Krinsky, S. *see* Safranek, J. 67206
Krinsky, S. *see* Safranek, J. 98414
Krinsky, S. *see* Solomon, L. 63880
Krinsky, S. *see* Tang, Y.N. 66985
Krinsky, S. *see* Tang, Y.N. 98405
Kripalani, A.T. *see* Janakiram, V.K. 75217
Krisa, W.L., Garza, C.M., Yen, A., Shu, J.S. I-line photoresist evaluations for contact hole performance with attenuated phase-shift reticles 71508
Krisa, W.L. *see* Garza, C.M. 71509
Krisch, A.D. *see* Blinov, B.B. 87861
Krisch, K. *see* Green, M.L. 81463
Krisch, K. *see* Manchanda, L. 93617
Krisch, K.S. *see* Fang, H. 63006
Krisch, K.S. *see* Sodini, C.G. 63005
Krischke, W. *see* Barthel, S. 89325
Krishen, K. Role of strategic planning in engineering management 60869
Krisher, T.P. A potential new test for unseen matter in the outer solar system 97508
Krishfield, R., Honjo, S., Tucker, W.B., III., Nakanishi, T., Takizawa, T. Automated Ice-Ocean Environmental Buoys (IOEBs) for the telemetry of air, ice and ocean data from the polar oceans 99227
Krishna, A. *see* LaMaire, R.O. 96597
Krishna, B. *see* Krishna, H. 95604
Krishna, B. *see* Lin, K.-Y. 95603
Krishna, C.M. *see* Ganz, A. 74920
Krishna, C.Radha *see* Radha Krishna, C.
Krishna, G. *see* Ramdas, V. 84830
Krishna, G.H.R., Banerjee, S. Analysis of I^2L devices using BISOF 93577
Krishna, H., Lin, K.-Y., Krishna, B. Rings, fields, the Chinese remainder theorem and an extension—Part II: applications to digital signal processing 95604
Krishna, H., Sharma, K.K. Inferences on availability ratio 91146
Krishna, H. *see* Lin, K.-Y. 95603
Krishna, M.C. *see* Pohida, T.J. 87036
Krishna, M.M. *see* Dubey, S.S. 63284
Krishna, S.R.R. *see* Kumar, B.S. 70641
Krishna Hari *see* Hari Krishna
Krishna Mohan, N., Saldner, H.O., Molin, N.-E. Electronic shearography applied to static and vibrating objects 58987
Krishna Murthy, T.G., Raju, D.V.S., Sreeram, A.C. Biomedical engineering in India 88340
Krishna Rao, M.V., Peri, R., Clinard, K.N., Radha Krishna, C. Development and evaluation of a distribution automation system for an Indian utility 89253
Krishnakumar, A.S., Fischer, W.C., Sabnani, K. The programmable protocol VLSI engine (PROVE) 80370
KrishnaKumar, K., Sawhney, S., Wai, R. Neurocontrollers for adaptive helicopter hover training 77117
Krishnakumar, N. *see* Jain, F. 86172
Krishnakumar, P.G. *see* Souza, R.J. 58116
Krishnamoorthi, K.S. *see* O'Neil, E.E. 54634
Krishnamoorthy, A.V., Merckle, J., Yayla, G., Marsden, G.C., Mansoorian, B., Ford, J.E., Esener, S.C. New dimensions in D-STOP neural systems 56477
Krishnamoorthy, A.V. *see* Marchand, P.J. 50624
Krishnamoorthy, A.V. *see* Marchand, P.J. 56323
Krishnamoorthy, M. *see* Loy, J. 48668
Krishnamoorthy, M. *see* Loy, J. 92833
Krishnamoorthy, S., Mailhot, I. Boolean matching of sequential elements 91996
Krishnamoorthy, V. *see* Matragrano, M.J. 79848
Krishnamurthi, K., Harrison, R.G., Liu, H.C., Buchanan, M., Wasilewski, Z.R., Thompson, J.R. Chair-barrier varactors on GaAs for frequency triplers 80698
Krishnamurthy, A.K. *see* Hanes, M.D. 73800
Krishnamurthy, A.K. *see* Riegelsberger, E.L. 88350
Krishnamurthy, C.V., Murti, Y.V.G.S. Model calculations of third-order optical susceptibilities of F_2^+ colour centers 83336
Krishnamurthy, D. *see* Gopalakrishnan, R. 48895
Krishnamurthy, M. *see* Leonard, D. 54841
Krishnamurthy, M. *see* Reaves, C.M. 54926
Krishnamurthy, R. *see* Saha, A. 70572
Krishnamurthy, S., Iyengar, S.S., Holyer, R.J., Lybanon, M. Histogram-based morphological edge detector 77543
Krishnamurthy, S., Sher, A. Electron mobility in $Hg_{0.78}Cd_{0.22}Te$ alloy 71105
Krishnamurthy, V. Adaptive estimation of hidden nearly completely decomposable Markov chains with applications in blind equalization 57540
Krishnamurthy, V., Haller, T.R. Thermal analysis of 3-D MCM's utilizing high density interconnect technology 90998
Krishnamurthy, V. *see* Dey, S. 95427
Krishnamurthy, V. *see* Gdula, M. 54511
Krishnan, A., Zhou, N., Przekwas, A. A computational model for chemical vapor deposition processes in industrial reactors 91643
Krishnan, G. *see* Sanjurjo, A. 81209
Krishnan, I., Lee, S. Effect of power factor correction circuit on switched reluctance motor drives for appliances 69071
Krishnan, J. *see* Key, M.H. 50731
Krishnan, M. *see* Prasad, R.R. 81593
Krishnan, R. Control and operation of PM synchronous motor drives in the field-weakening region 90579
Krishnan, R., Lee, S. Analysis and design of a single switch per phase converter for switched reluctance motor drives 100842
Krishnan, R., Ramakrishna, P. Computer aided engineering in design and analysis of switched reluctance motor drives 90497
Krishnan, R. *see* Rao, K.K. 57925
Krishnan, R. *see* Rim, G. 68570
Krishnan, S., Fossum, J.G. Non-local modeling of impact ionization for optimal device/circuit design in fully depleted SOI CMOS technology 93641
Krishnan, T. *see* Vhasure, S.G. 54176
Krishnankutty, S. *see* Khan, M.A. 72599
Krishnapuram, R., Nasraoui, O., Frigui, H. The surface density criterion and its application to linear/circular boundary detection and planar/spherical surface approximation 51636
Krishnapuram, R. *see* Mogre, A. 51651
Krishnaswamy, J., Lehrman, I.S., Sheehan, J., Heuer, R.L., Reusch, M.F., Hartley, R. Design and construction of a Compact Infrared Free Electron Laser CIRFEL 63872
Krishnayya, J.G. *see* Kulkarni, A. 69030
Krisko, A. *see* Izu, M. 90421
Krisko, A. *see* Izu, M. 100542
Krispel, F. *see* Dunscombe, P. 77044
Kriss, M. *see* Hoffman, P. 93566
Kristen, G. *see* Cremer, C. 86019
Kristensen, A. *see* Boisen, A. 81288
Kristensen, J.H., Pohner, F. ESMAC, a nordic research programme for environmental mapping and characterization of the seafloor 99237
Kristiansen, H., Tafjord, H., Bjorneklett, A. Advanced electronic packaging in high energy physics 88214
Kristiansen, M. *see* Weihua Jiang 54113
Kristjansson, E., Abdallah, C., Jamshidi, M. Power systems stabilization with feedback linearization 89044
Kristoffersen, K. *see* Torp, H. 88390
Kristofik, J. *see* Stepanek, B. 54815
Kritikson, K. *see* Bennett, M. 100531
Kritskii, V.G., Martynova, O.I., Pentin, V.I., Bashilov, S.M., Strakhov, B.E. Migration of chlorine derivatives of organic impurities ("chlorinated organics") in the cycle of VVER nuclear power stations 89482
Kritskii, V.G., Sof'in, M.V., Styazhkin, P.S., Siryapina, L.A., Doroshevkaya, N.A. A new approach to the standardization of the characteristics of blowdown water for steam generators at VVER nuclear power plants 89479
Kritzinger, P. *see* Bause, F. 74714
Krivandina, E.A. *see* Sharonov, M.Yu. 83031
Krivanek, M. *see* Granville, V. 61123
Krivda, A., Gulski, E. Influence of aging on classification of partial discharges in cavities 93698
Krivelev, A.P., Chepkii, V.V. Measurement of structural parameters of signals received from recognizable targets 58459
Krivine, J.P., Delouis, I. Cooperative expert systems: collaboration among artificial and human experts for power systems planning 99621
Krivka, I., Kubat, J., Kuzel, R., Prokes, J., Stefan, O., Klason, C. Polymeric composites for hybrid microelectronics 81100
Krivocheev, M.I. A global approach to studies in television broadcasting 58556
Krivokapic, N. *see* Karshmer, A.I. 74710
Krivokon, I.A. *see* Tsyganok, B.A. 92912
Krivolutskaya, N.V., Kleshnina, O.A. Stresses in superconducting solenoid winding during its quench 72262
Krivoruchko, M. *see* Liang, G.-C. 80599
Krivoschekov, V.A. *see* Goosev, I.V. 94640
Krivov, S.V. *see* Bolotnikov, A.E. 67415
Krivov, S.V. *see* Ulin, S.E. 88134
Krivoy, G.S., Koch, H. A SQUID with two quantization loops working in a negative detuning mode 50412
Krivoy, G.S., Koch, H. A resistive SQUID with two quantization loops 50413
Krivoy, G.S., Koch, H. A resistive superconducting quantum interference device with two quantization loops 56267
Krizan, P. *see* Cindro, V. 59068
Krizanc, D. *see* Kranakis, E. 65089
Krizik, M. *see* Senaj, V. 53035
Krizik, M. *see* Senaj, V. 67514
Krm Taik-Kee *see* Taik-Kee Krm
Krob, M., Benidir, M. Blind identification of a linear-quadratic model using higher-order statistics 84509
Krob, T.J.K. *see* Lindsey, T. 68313
Krober, J. *see* Jay, C. 56297
Kroboth, R.H. *see* Bhat, S. 96671
Kroc, R. *see* Davidsson, P. 98546
Kroc, T.K. *see* Popovic, M.B. 76405
Krockenberger, M. *see* Lum, K.S.K. 88320
Kroeger, R. *see* Brown, D. 59084
Kroeger, R.A., Inderhees, S.E., Johnson, W.N., Kinzer, R.L., Kurfess, J.D., Gehrels, N. Charge division readout of a two-dimensional germanium strip detector 88035

Kroemer, H. *see* Brar, B. 55618
Kroemer, H. *see* Samoska, L.A. 66329
Kroes, D.J. *see* O'Kane, D.F. 72134
Kroes, F. *see* Maas, R. 87627
Kroes, F. *see* Noomen, J.G. 76500
Kroese, D.P., Schmidt, V. Single-server queues with spatially distributed arrivals 79549
Kroesen, G. *see* Haverlag, M. 93161
Kroger, H. *see* Hilbert, C. 50423
Kroger, T. *see* Shin-Puu Jeng 71435
Krogh, A. *see* Cesa-Bianchi, N. 91220
Krogh, M. *see* Crist, C.E. 76442
Krogh, M. *see* Hurd, J.W. 76440
Krogh, M.L. *see* Fritsche, C.T. 76842
Krogmeier, J.V. *see* Zoltowski, M.D. 64548
Krogstad, H.E. *see* Engen, G. 77505
Krogstad, H.E. *see* Grabak, O. 77351
Krokhmal, S.I. *see* Dolgov, V.I. 74022
Krokisius, R. *see* Horak, W. 82606
Krokoszinski, H.-J., Esrom, H. Foil-clips for power module interconnects 79385
Krokoszinski, H.-J., Esrom, H. Foil-clips for power module interconnects 81114
Krol, D.M. *see* Saeta, P.N. 63968
Krol, D.M. *see* Saeta, P.N. 94085
Krol, M.F. *see* Boncek, R.K. 65823
Krolik, J.L. *see* Niezgoda, G.H. 64445
Krolik, J.L. *see* Niezgoda, G.H. 84462
Krolikowski, C., Batura, R., Babij, J. Minimum speed of contact separation of a vacuum interrupter for switching off a condenser battery without arc reignitions 90255
Krolikowski, J. *see* Dobosiewicz, W. 85809
Krolikowski, W. *see* Andersen, D.R. 83252
Kroll, A.V., Smorchkov, V.I., Nazarenko, A.Y. Electrochemical sensors for hydrogen and hydrogen sulfide determination 98170
Kroll, C., Peinl, P., Pommnitz, J. Extensions of the Internet protocol for wireless communication 85326
Kroll, C. *see* Peinl, P. 97110
Kroll, J. Discette-like disc memories: the current rotary disc technologies in comparison 82284
Kroll, M.M. *see* Jones, R.M. 61884
Kroll, N. *see* Hoag, H.A. 66816
Kroll, N. *see* Schultz, S. 76356
Kroll, N. *see* Schwarz, H.D. 67134
Kroll, N. *see* Vlieks, A.E. 67011
Kroll, N.M., Xintian Lin Persistent wakefields associated with waveguide damping of higher order modes 87732
Kroll, N.M. *see* Hantista, C. 66823
Kroll, N.M. *see* Nantista, C. 66811
Kroll, N.M. *see* Ruth, R.D. 66791
Kroll, Q.D., Jr. *see* Hood, L.E. 86302
Kroll, S. *see* Da Via, C. 53348
Kroll, S. *see* Sunesson, A. 82169
Kroll, T. *see* Vetter, K. 76793
Kromholtz, G.A. *see* Condra, L.W. 54631
Kromin, A.K. *see* Veiko, V.P. 50544
Kromin, A.K. *see* Veiko, V.P. 50546
Krommenacker, R.J. New multilaterally agreed rules for international trade in services 85412
Kron, T., Pope, J.M. Dose distribution measurements in superficial X-ray beams using NMR dosimetry 88612
Kronberg, M. Computer model IDAS for simulation of electro-thermal systems 69221
Kronberger, H., Fabjan, C., Gofas, N. Investigations of the factors causing performance losses of lead/acid traction batteries 69121
Krone, O. *see* Delgrossi, L. 65126
Kronenberg, S. *see* Brucker, G.J. 77768
Kroner, H. *see* Mitrou, N.M. 57938
Krongauz, V.V. *see* Rondinella, V.V. 94098
Kronig, D. *see* Engelbert, H.-P. 77206
Kronkalns, G. *see* Blums, E. 50241
Kronmuller, H. *see* Bernardi, J. 50184
Kronmuller, H. *see* Kou, X.C. 71961
Kronmuller, H. *see* Kou, X.C. 82237
Kronmuller, H. *see* Schrefl, T. 50174
Kronmuller, H. *see* Seeger, M. 93894
Kronmuller, H. *see* Walz, F. 63205
Kronschnabl, G.R. *see* Bust, G.S. 99191
Kroon, P. *see* Benary, O. 53327
Kroon, P. *see* Benary, O. 98517
Kroon, P. *see* Benary, O. 98640
Kroon, P. *see* Kleijn, W.B. 84100
Kroos, J. *see* Klein, T. 94700
Kroos, J. *see* Trappe, J. 94702
Krooshoop, E. *see* den Ouden, A. 87690
Krooshoop, E. *see* ten Haken, B. 93919
Krooshoop, E.J.G. *see* Shevchenko, O.A. 90100
Krooshoop, H.J.G. *see* Knoopers, H.G. 87776
Krooswyk, E.D. Automated approach simplifies RATA testing at TU Electric 89611
Krooswyk, E.D., Saliga, J.J. Recent CEMS installations provide valuable insights 99930
Kropacz, W. Synthesis method of DC-to-DC LCC converter 70283
Kropatsch, W. *see* Fermuller, C. 74307
Kropatsch, W.G., Reither, C., Willersinn, D., Wlaschitz, G. The dual irregular pyramid [image processing] 85161
Kropatsch, W.G. *see* Chetverikov, D. *(editor)* 79146
Kropf, T. *see* Feldbusch, F. 80313
Kropf, T. *see* Frosssl, J. 49222
Kropf, T. *see* Haberl, O.F. 49697
Kropf, T. *see* Schneider, K. 55235
Kropf, Th. *see* Schneider, K. 49336
Kropfl, D. *see* Chao, C.-W. 85550
Kropfli, R.A. *see* Matrosov, S.Y. 99212
Kropla, O. *see* Dilthey, U. 50979
Kroposki, B. *see* Mrig, L. 90419
Kross, B. *see* Majewski, S. 88005
Kross, B. *see* Pourang, R. 55527
Kross, B. *see* Weisenberger, A.G. 59136
Kross, B. *see* Weisenberger, A.G. 81158
Kross, B. *see* Weisenberger, A.G. 98631
Kross, B. *see* Wojcik, R. 59086
Kross, B. *see* Zorn, C. 88099
Krost, A. *see* Droge, E. 75514
Krost, A. *see* Hillmer, H. 94468
Krost, A. *see* Schnabel, R.F. 54929
Krost, A. *see* Wolf, T. 48943
Krost, A. *see* Wright, A.C. 79836
Krost, G., Rumpel, D., Spanel, U., Kirschen, D.S. Information requirements of EMS-based expert systems 99562
Krot, A.I., Kulakov, A.V., Protasov, E.A., Sobolev, V.P. Limiting parameters of a superconducting magnetic infrared radiation detector based on high-temperature superconductors 58769
Krotkov, E. *see* Hoffman, R. 51690
Krott, R. *see* Zabler, E. 60589
Krotz, G., Muller, G., Derst, G., Wilbertz, C., Kalbitzer, S. Thin-film SiC as an optical and optoelectronic material 79912
Krotz, G. *see* Muller, G. 62223
Krotz, G. *see* Stolk, P.A. 62200
Krounbi, M. *see* Hannon, D. 72157
Krounbi, M. *see* Wang, P.-K. 50340
Kroupa, D. What's emerging in emergency phone service? 65204
Krowne, C.M. Vector variational and weighted residual finite element procedures for highly anisotropic media 73281
Krowne, C.M. Properties of composite chiral-ferrite media 83460
Krowne, C.M. Weighted residual finite element method for general nonhermitian anisotropic media 83461
Krowne, C.M. *see* Skorupka, C.W. 55393
Krozer, V., Ruppert, M., Lee, W.Y., Grajal, J., Goldhorn, A., Schusler, M., Fricke, K., Hartnagel, H.L. A physics-based temperature-dependent SPICE model for the simulation of high temperature microwave performance of HBT's and experimental results 92533
Krozer, V. *see* Miranda, J.M. 87497
Krtolica, R., Ozguner, U., Chan, H., Goktas, H., Winkelman, J., Liubakka, M. Stability of linear feedback systems with random communication delays 57927
Krubsack, D.A., Niederjohn, R.J. Estimation of noise corrupting speech using extracted speech parameters and averaging of logarithmic modified periodograms 73787
Kruck, P. *see* Lohner, A. 73085
Krucken, J.M.J. *see* Stecher, M. 49052
Krucker, K. On diagram synthesis for antenna arrays by means of self-focusing methods 57276
Krucky, J. Fuzzy family setup assignment and machine balancing 81006
Krueger, A. *see* Fukushima, Y. 67382
Krueger, A. *see* Smith, W.K. 66415
Krueger, B. *see* Bhagat, R. 78741
Krueger, D., Cruz, J.R. Combined equalization and ternary coding for the magnetic recording channel 50359
Krueger, D., Cruz, J.R. Upper bounds for binary and ternary decision feedback equalization of the magnetic recording channel 72158
Krueger, P. *see* Hacker, G. 88927
Krueger, W. *see* Petillo, J. 67123
Krueger, W.B. *see* Bar-Cohen, A. 79429
Kruempel, G. *see* Dryden, R. 89601
Kruer, M.R. *see* Scribner, D.A. 66484
Kruethong, P. *see* Adams, J.W. 92398
Krug, H. *see* Einfeld, D. 59217
Krug, H. *see* Einfeld, D. 66834
Krug, P.A. *see* Eggleton, B.J. 63387
Krug, P.A. *see* Eggleton, B.J. 82590
Krug, P.A. *see* Sceats, M.G. 63392
Kruger, C.C. *see* Weber, D.M. 65937
Kruger, D., Morgenstern, T., Kurps, R., Bugiel, E., Quick, C., Kuhne, H. Oxygen incorporation and oxygen-induced defect formation in thin Si and $Si_{1-x}Ge_x$ layers on silicon grown by chemical vapor deposition at atmospheric pressure 69973
Kruger, D. *see* Alsammarae, A. 89483
Kruger, D. *see* Alsammarae, A. 99891
Kruger, D. *see* Gaworzewski, P. 71155
Kruger, D. *see* Mussig, H.-J. 71085
Kruger, D. *see* Ramm, J. 61314
Kruger, E., Kersebom, T. Resonance-tracking servo for an acousto-optic modulator 82758
Kruger, E., Nistler, W., Weirauch, W. Determination of the fine structure constant by measuring the quotient of the Planck constant and the neutron mass 86971
Kruger, G., Springer, R., Lechner, W. Global Navigation Satellite Systems (GNSS) 97198
Kruger, J. *see* Kautek, W. 67613
Kruger, J.B. *see* Zhang, L. 71311
Kruger, K.H. *see* Hormann, P. 60107
Kruger-Elencwajg, H. *see* Warning, D. 80154
Kruglikov, E.G., Petrov, V.A. Possibility of energy spectrum control of tunneling-coupled quantum wells by means of temperature 93010
Kruglov, E.M. *see* Biryulin, Yu.F. 87197
Kruglov, N.S. *see* Brykov, S.I. 89478
Kruh, D., Benaim, N., Moscovitch, A. Computerized calibration system—Makam 58622
Kruh, L. The postal service fails to deliver the goods [commemorative stamps] 73692
Kruhler, W. *see* Ostendorf, H.-C. 100536
Kruif, R.C.M.de *see* de Kruif, R.C.M.
Kruip, M. *see* Gordon, J. 66836
Kruiskamp, W. *see* Donnay, S. 49571
Kruit, P. *see* Hollander, R.W. 81165
Kruit, P. *see* Seijbel, L.J. 83518
Kruithof, G.H. *see* Baveco, M.P.P. 58092
Kruizinga, P. *see* Lourens, T. 84610
Krujchin, A.A. *see* Grinko, D.A. 72291
Krukowski, A. *see* Hejn, K. 97940
Krukowski, A. *see* Kale, I. 92393
Krukowski, A. *see* Murphy, N.P. 91961
Krukowski, S. *see* Grzegory, I. 79771
Krukowski, S. *see* Porowski, S. 79769
Krulevitch, P. *see* Weng-Sieh, Z. 81189
Krulevitch, T. *see* Lau, J. 92814
Krull, R. Designing graphics to support physical tasks 90800
Krull, W. *see* Alles, M. 93086
Krull, W.A. *see* Allen, L.P. 93559
Krull, W.A. *see* Anc, M.J. 93142
Krumbein, A.D. *see* Caner, M. 53891
Krumbein, U. *see* Dettmer, H. 55933
Krumbein, U. *see* Lendenmann, H. 55935
Krumbein, U. *see* Schenk, A. 49944
Krumin, Y.K. Electromagnetic field and forces of a travelling field inductor supplied with a temporally and spatially anharmonic current 90335
Kruming, B.A. *see* Kononenko, A.A. 49731
Krumme, J.-P. *see* Grundler, D. 82398
Krumme, J.P. *see* David, B.R. 56281
Krummenacher, F. *see* Enz, C.C. 98685
Krummenacher, F. *see* Fessler, P. 67388
Krummenacher, F. *see* Reimann, T. 93678
Krummrich, P.M. Noise figure dependence of Pr^{3+}-doped fiber amplifiers on input signal power 82998
Krumpelt, M., Kumar, R., Myles, K.M. Fundamentals of fuel cell system integration 60444
Krumpholz, M., Russer, P. TLM and Maxwell's equations 51001
Krumpholz, M., Russer, P. Two-dimensional FDTD and TLM 57156
Krumpholz, M., Russer, P. On the dispersion in TLM and FDTD 83590
Krumpholz, M., Russer, P. A field theoretical derivation of TLM 83734
Krumpholz, M., Russer, P., LoVetri, J., Simons, N.R.S. Comments on "A class of symmetrical condensed node TLM methods derived directly from Maxwell's equations" [and reply] 73414
Krumpholz, M., Russer, P., Qi Zhang, Hoefer, J.R. Field-theoretic foundation of two-dimensional TLM based on a rectangular mesh 83737
Krumrey, M.K. *see* Schmiedeskamp, B. 56504
Krunz, M., Hughes, H., Yegani, P. Congestion control in ATM networks using multiple buffers and priority mechanisms 52214
Krupaick, J. *see* Leemans, W. 66863
Krupanidhi, S.B., Mohan Rao, G. Pulsed laser deposition of strontium titanate thin films for dynamic random access memory applications 79955
Krupanidhi, S.B. *see* Hu, H. 56134
Krupanidhi, S.B. *see* Peng, C.-J. 54945
Krupanidhi, S.B. *see* Van Buskirk, P.C. 54949
Krupczak, J. *see* Deis, G. 87958
Krupczak, J. *see* Heim, J. 88070
Krupenko, A.V. *see* Pokotilo, S.A. 56516
Krupezevic, D.V. *see* Brankovic, V.J. 83797
Krupinski, R.A., Nemura, R.E., Shaw, R.W. Improved process line control—I/N Kote electrolytic galvanizing line 69263
Krupka, J., Geyer, R.G., Kuhn, M., Hinken, J.H. Dielectric properties of single crystals of Al_2O_3, $LaAlO_3$, $NdGaO_3$, $SrTiO_3$, and MgO at cryogenic temperatures 93683
Krupka, J. *see* Blecha, J. 89142
Krupka, J. *see* Geyer, R.G. 87437
Krupka, M. Orientability of higher order Grassmannians 91248
Krupke, W.F. *see* DeLoach, L.D. 94392
Krupke, W.F. *see* Hamilton, C.E. 94433
Krupke, W.F. *see* Marshall, C.D. 94425
Krupke, W.F. *see* Payne, S.A. 72720
Krupke, W.F. *see* Payne, S.A. 83032
Krupkin, V. *see* Sarkisyan, D.G. 83000
Krupkova, O. Variational metrics on R×TM and the geometry of nonconservative mechanics 91362
Krupnick, J. *see* Tanabe, J. 76683
Kruppa, W., Boos, J.B. RF measurement of impact ionization and its temperature dependence in AlSb/InAs HEMTs 56035
Kruppa, W., Boos, J.B. Low-temperature characteristics of 0.35 μm AlSb/InAs HEMTs 71741
Kruppa, W. *see* Binari, S.C. 80661
Krusche, B. *see* Gabler, A.R. 67416
Kruschel, C. *see* Altenhofen, M. 65450
Kruse, A. *see* Boterenbrood, H. 59185

Kruse, J., Schweinfurth, R.A., Gao, F., Scherrer, D., Barlage, D., Platt, C.E., Van Harlingen, D.J., Feng, M. Cryogenic on-wafer microwave characterization of GaAs MESFETs and superconducting coplanar resonance and transmission lines structures 98286
Kruse, J. *see* Scherrer, D. 86239
Krushelnick, K. *see* Polonsky, L. 50737
Krushevski, E.A. *see* Borisenko, V.E. 93053
Krusin-Elbaum, L., Thompson, J.R., Wheeler, R., Marwick, A.D., Li, C., Patel, S., Shaw, D.T., Lisowski, P., Ullmann, D.T. Enhancement of persistent currents in $Bi_2Sr_2CaCu_2O_8$ tapes with splayed columnar defects induced with 0.8 GeV protons 63282
Krusius, J.P. *see* Bair, J.E. 82803
Krusius, J.P. *see* Chieh, Y.S. 62479
Krusius, J.P. *see* George, G. 82821
Krusius, J.P. *see* George, G. 82822
Krusius, J.P. *see* Sutherland, J. 94310
Krusor, B.S. *see* Bour, D.P. 63787
Krut, D.D., Glenn, G.S. High efficiency commercial concentrators—focus on III-V 90413
Krut, D.D., Glenn, G.S. Analysis and performance comparison of medium concentration Si and GaAs/Ge cells 100721
Krutchinsky, S.G., Grishin, S.V. Matrix analysis of active RC circuits with differential operational amplifiers 49046
Krutenyuk, Yu.V., Abrosimova, V.N., Dubrovskii, Yu.V. Potentialities of planar integration of resonant-tunnel diodes 62678
Krutin', Yu.I., Sirenko, Yu.K., Shestopalov, V.P. Calculation of scattering cross-sections of arbitrary determined and random perfectly conducting surfaces 57079
Krutov, B.N., Mansfel'd, G.D., Freik, A.D. Determination of acoustic parameters of thin layers and films from electrical characteristics of a compound resonator 76276
Krutov, V.V. *see* Mikerov, V.I. 74015
Krutzenbichler, A. *see* Keimel, J. 62414
Kruys, J. HIPERLAN, applications and requirements 52090
Kruysse, H.W. *see* Gale, A.G. *(editor)* 90711
Kruzins, E. ISUSAT: a satellite and space education programme for the International Space University 59530
Krycuk, A., Fugitt, J., Johnson, A., Kazimi, R., Turlington, L. Construction of the CEBAF RF separator 67110
Krycuk, A. *see* Kazimi, R. 67157
Kryder, M.H. *see* Azevedo, A. 72059
Kryder, M.H. *see* Eppler, W.R. 72063
Kryder, M.H. *see* Lekawat, L. 50282
Kryder, M.H. *see* Liu, F.H. 72109
Kryder, M.H. *see* Schultz, M.D. 50603
Kryder, M.H. *see* Shi, X. 50347
Kryder, M.H. *see* Shi, X. 72110
Kryder, M.H. *see* Sui, X. 50250
Kryder, M.H. *see* Wong, B.Y. 63199
Kryder, M.N. *see* Wang, S. 72128
Kryger, R.A., Azhari, A., Ramakrishnan, E., Thoennessen, M., Yokoyama, S. Efficiency of a BaF_2 scintillator detector for 15-150 MeV neutrons 76754
Krylov, A.R. *see* Aleinikov, V.E. 67657
Krylov, B.V., Leparskii, V.E., Gurin, N.I. Calculation of the electric field in a quadrupole deflector 94192
Krylov, G.G. *see* Gaisenok, V.A. 56644
Krylov, K.R., Lerinman, N.K., Ponomarev, A.I., Sabirzyanova, L.D., Shelushinina, N.G., Gavaleshko, N.P., Mar'yanchuk, P.D. Magnetic susceptibility and galvanomagnetic properties of the semimagnetic semiconductor $Hg_{1-x}Mn_xTe_{1-y}Se_y$ 92980
Krylov, S.D. *see* Bordonsky, G.S. 67854
Krylov, S.V., Timashova, L.V. Experience of live-line maintenance on 500-1200 kV lines in Russia 78148
Krylov, Yu. *see* Korchuganov, V. 66999
Krynetski, I. *see* Zawadzki, J. 72073
Kryshkin, V.I. *see* Zapolsky, V.N. 66975
Kryszewski, M. *see* Jeszka, J.K. 71212
Kryuchin, A.A. *see* Petrov, V.V. 72287
Kryukov, V.L. *see* Gorelenok, A.T. 81412
Kryukov, V.V., Shevchenko, N.P., Radugina, Yu.E., Eremina, T.T., Malakhova, I.A. Development of PTP process for large format holograms 56996
Kryzhanovskii, V.A. *see* Bochkov, A.V. 56623
Kryzhanovskii, V.V. *see* Bronnikov, V.N. 57315
Kryzhanovskiy, I.B. *see* Kislyakov, A.E. 83836
Krzelj, K. *see* Madercic, M. 62005
Krzeminski, S.K. Application of subdifferential analysis to problems of magnetostatics with unilateral constraints on the field vectors 51028
Krzhizhanovskii, V.V. *see* Krasnyi, L.G. 95472
Krzyanowski, P. *see* Asthana, A. 65185
Krzymein, W.A. *see* Zhuang, W. 86187
Krzymien, W.A. *see* Kusyk, R.G. 58414
Krzysztofik, W.J., Bem, D.J. The technical and social aspects of the LF Warsaw broadcasting station reconstruction 97596
Krzywinski, J. *see* Ogitsu, T. 87687
Krzywinski, J. *see* Wanderer, P. 82422
Krzyzak, A. *see* Xinming Yu 64590
Krzyzanowski, P. *see* Asthana, A. 80332
Krzyzanowski, P. *see* Asthana, A. 80334
Kschischang, F.R., Pasupathy, S. Optimal shaping properties of the truncated polydisc 73726
Kschischang, F.R. *see* Sorokine, V. 73620
Kshirsagar, S. *see* Pearson, J.D. 69610
Kshirsagar, S.P., Harvey, D.M., Hartley, D.A., Hobson, C.A. Design and application of parallel TMS320C40-based image processing system 66158
Kshirsagar, S.T. *see* Bhusari, D.M. 70071
Ktena, A., Charap, S.H. Vector Preisach modeling and recording applications 50288
Ku, B.S. SRSGEN—a software reuse tool for large scale applications 52272
Ku, B.S. A reuse-driven approach for rapid telephone service creation 96523
Ku, J.N. Performance of the GSM frequency hopping algorithm 52399
Ku, K.-M., Chiu, P.P.K. Fast stroke extraction method for handwritten Chinese characters by cross region analysis 74560
Ku, L.C., Cho, H.M., Lu, J.H., Wang, S.Y., Jian, W.B., Yang, H.C., Horng, H.E. Characteristics of $YBa_2Cu_3O_y$ step-edge Josephson junctions on MgO substrate 82357
Ku, P.S., Schroder, D.K. Charges trapped throughout the oxide and their impact on the Fowler-Nordheim current in MOS devices 81373
Ku, W.H. *see* Chang, K.W. 80755
Ku, W.H. *see* Cheskis, D. 63035
Ku, W.H. *see* Kay-Cheung Chew 74186
Ku, W.H. *see* Lin, C.L. 93505
Ku, W.H. *see* Medina, J.L. 57179
Ku, W.H. *see* Soni, T. 84285
Ku, Y.-C. *see* Pfiester, J.R. 70482
Ku Baek Yong *see* Yong Ku Baek
Ku Lee Jeong *see* Jeong Ku Lee
Ku Mong-Kai *see* Mong-Kai Ku
Ku Ta-Kang *see* Ta-Kang Ku
Ku Yi-sha *see* Yi-sha Ku
Ku-Dal Yang *see* Yang Ku-Dal
Kuah, K., Bodruzzaman, M., Zein-Sabatto, S. A neural network-based text independent voice recognition system 84145
Kuah, K. *see* Zein-Sabatto, S. 84857
Kuan, Y.-F. *see* Wu, Q.-Z. 74514
Kuan Yew Chuan *see* Yew Chuan Kuan
Kuan-Chung Lin *see* Wei-Jer Wang 91646
Kuan-Jen Lin, Jih-Wen Kuo, Chen-Shang Lin . Direct synthesis of hazard-free asynchronous circuits from STGs based on lock relation and MG-decomposition approach 49308
Kuan-Teck Chang, Teck-Seng Low, Tong-Heng Lee An optimal speed controller for permanent-magnet synchronous motor drives 90525
Kuan-Yu Fu On the bamboo structure as the salvation of thin film metallization for deep submicron device technologies 81559
Kuang, E., Davis, T.J., Ivers, J.D., Kerslick, G.S., Nation, J.A., Schachter, L. Two-stage, high power X-band amplifier experiment 76846
Kuang, J., Boon Teck Ooi Series connected voltage-source converter modules for force-commutated SVC and DC-transmission 68188
Kuang, L. Monotonicity properties of the leaky bucket [B-ISDN] 65444
Kuang, Y.Z. *see* Feng, Y.C. 53227
Kuang Fuk Ha *see* Ha Kuang Fuk
Kuang Gangyao *see* Gangyao Kuang
Kuang Haohuai *see* Bacci, C. 67317
Kuang Jinyu A minimum relative entropy approach to parameter estimation for Gaussian random fields 85098
Kuang Lei *see* Lei Kuang
Kuang Min Chan *see* Chan Kuang Min
Kuang Yi Chen *see* Biernacki, P. 82876
Kuang Yi Chen *see* Biernacki, P. 98250
Kuang Yuan-Zhu, Feng Yu-Cai, Lou Zhi-Ping An ion source with good beam current density uniformity for assisted deposition 53258
Kuang-Chien Chen *see* Cong, J. 80249
Kuang-Chien Chen *see* Cong, J. 80257
Kuang-Chien Hsieh *see* Pearah, P.J. 63788
Kuang-Yao Chang *see* Bor-Shenn Jeng 95296
Kuanr Bijoy Kumar *see* Bijoy Kumar Kuanr
Kuansan Wang, Shamma, S. Self-normalization and noise-robustness in early auditory representations 64367
Kub, F.J., Scott, C.S. Multiple-gate split-drain MOSFET magnetic-field sensing device and amplifier 66306
Kubak, R., Jr. *see* Jan, J. 98766
Kubala, F. *see* Bates, M. 73858
Kubalek, E. *see* Bohm, C. 55482
Kubalek, E. *see* Bohm, C. 80805
Kubalek, E. *see* Mertin, W. 80804
Kubalek, E. *see* Mueller, U. 80847
Kubarev, V.A. *see* Aleksandrov, A.F. 55514
Kubarovsky, V. *see* Chapman, J.W. 59148
Kubat, J. *see* Krivka, I. 81100
Kube, M.C. *see* Rico-Martinez, R. 57571
Kubecek, V., Hamal, K., Takagi, Y., Yoshihara, K. Ti:sapphire laser pumped by a long train of pulses from mode-locked Nd:YAG laser with negative feedback 50776
Kubena, J. *see* Vavra, I. 93048
Kubiak, G.D. *see* Tichenor, D.A. 81591
Kubiak, J.A. *see* Carnero, A. 89639
Kubiak, R.A. *see* Basaran, E. 62258
Kubichek, R. *see* Tallak, S. 95317
Kubicki, T., Lubelsmeyer, K., Ortmanns, J., Pandoulas, D., Syben, O., Toporowsky, M., Xiao, W.J. Calculation of the electric field in GaAs particle detectors 67305
Kubik, P.R. *see* Fife, A.A. 93943
Kubik, R.D., Bahar, E. Backscatter Mueller matrix elements for irregular stratified media 77656
Kubin, G., Johnson, C.R., Jr., Egardt, B. Frequency-domain bias decomposition for LMS and LS adaptive filters 84315
Kubin, G. *see* Filimon, V. 86139
Kubina, S.J. *see* Trueman, C.W. 58552
Kubina, S.J. *see* Trueman, C.W. 86659
Kubinec, J. *see* Bin Guo 97008
Kubis, S.E. *see* Wanner, J.J. 79165
Kubiszak, E.V. *see* Munson, W.A., Jr. 69235
Kubler, L. *see* Diani, M. 49883
Kubler, O. *see* Kiryati, N. 84864
Kubler, O. *see* Neuenschwander, W. 74601
Kubler, O. *see* Szekely, G. 98768
Kubo, H., Awai, I., Yamaguchi, K., Hano, M. Design and fabrication of band pass filters based on a dielectric E-plane waveguide 80607
Kubo, H., Murakami, K., Fujino, T. An adaptive maximum-likelihood sequence estimator for fast time-varying intersymbol interference channels 57931
Kubo, H. *see* Almond, P.R. 88587
Kubo, H. *see* Dong, Y. 80579
Kubo, H. *see* Kumada, M. 68748
Kubo, H. *see* Sekimoto, Y. 67333
Kubo, K., Higashisaka, N., Ueda, M., Okada, K., Takeuchi, R. LSI chips for SDH interfaces 86011
Kubo, K., Higo, T., Sakanaka, S. Compensation of bunch position shift using sub-RF cavity in a damping ring 87805
Kubo, K. *see* Dhaouadi, R. 69113
Kubo, K. *see* Krafft, G.A. 76507
Kubo, K. *see* Lee, D.J. 70524
Kubo, K. *see* Merminga, L. 87873
Kubo, K. *see* Noguchi, S. 66814
Kubo, K. *see* Sakanaka, S. 67130
Kubo, M. The probabilistic network design problem 91253
Kubo, M., Takahashi, K. Color reproduction of full-color hardcopy system—image processing in Pictrography 2500 87048
Kubo, M. *see* Anata, Y. 62508
Kubo, M. *see* Fujisawa, K. 69738
Kubo, M. *see* Ryoko, M. 66636
Kubo, M. *see* Ryoko, M. 100929
Kubo, M. *see* Shellhammer, S.J. 74522
Kubo, N., Kusumoto, N., Inushima, T., Yamazaki, S. Characteristics of polycrystalline-Si thin film transistors fabricated by excimer laser annealing method 93373
Kubo, O., Ogawa, E. Barium ferrite particles for high density magnetic recording 72055
Kubo, S. *see* Miyahara, K. 93952
Kubo, S. *see* Ohkubo, K. 92457
Kubo, S. *see* Ueda, K. 75483
Kubo, T., Tanahashi, S., Kawabata, K., Jikuhara, R., Kaji, G., Terasawa, M., Nakagawa, H., Aoyagi, M., Hamazaki, Y., Kurosawa, I., Takada, S. A new drive circuit built in a multichip module for supplying a two-phase power to Josephson LSI circuits 82360
Kubo, T. *see* Ono, M. 66820
Kubo, T. *see* Tanahashi, S. 93956
Kubo, Y. *see* Hira, M. 72214
Kubokawa, J., Sasaki, H., Yorino, N., Yokoyama, R., Tanabe, R., Okubo, Y. A fast solution method for multiobjective optimal power flow using an interactive approach 89084
Kubokawa, J. *see* Kawahara, K. 59885
Kubokawa, J. *see* Nagata, T. 59735
Kubokawa, J. *see* Sasaki, H. 68223
Kubokawa, J. *see* Sasaki, H. 69242
Kubokawa, J. *see* Yorino, N. 59693
Kubokawa, J. *see* Yorino, N. 68036
Kuboki, M. *see* Miyazawa, M. 77912
Kubon, J. *see* Baldwin, B. 58197
Kubono, S. *see* Fuchi, Y. 59134
Kubono, T. Sticking trouble rate on Cd-added Ag-based contacts 70969
Kubono, T., Mogami, M. Some characteristics of switching contacts riveted on the tips of both supporting arms arranged partially in parallel 80954
Kubota, C. *see* Ono, M. 66820
Kubota, E., Shigesato, Y., Igarashi, M., Haranou, T., Suzuki, K. Effects of magnetic field gradient on crystallographic properties in tin-doped indium oxide films deposited by electron cyclotron resonance plasma sputtering 91632
Kubota, H., Matsumoto, T., Hirayu, T., Fujiyoshi, T., Miyagawa, R., Miyahara, K., Onuki, M. Amorphous gallium phosphide (a-GaP) pn-diode by ion beam assisted deposition 94283
Kubota, H., Matsuse, K. Speed sensorless field oriented control of induction motor with rotor resistance adaptation 68607
Kubota, H., Matsuse, K. Speed sensorless field-oriented control of induction motor with rotor resistance adaptation 90532
Kubota, H., Nakazawa, M. Soliton transmission control in time and frequency domains 75403
Kubota, H. *see* Furukawa, T. 95517

Kubota, H. *see* Harafuji, K. 62434
Kubota, H. *see* Kurokawa, K. 83008
Kubota, H. *see* Matsuse, K. 68633
Kubota, H. *see* Matsuse, K. 68634
Kubota, H. *see* Matsuse, K. 69108
Kubota, H. *see* Matsuyama, Y. 69604
Kubota, H. *see* Nakamae, K. 62972
Kubota, H. *see* Nakazawa, M. 75509
Kubota, H. *see* Ozaki, Y. 49037
Kubota, J. *see* Yasuda, K. 53452
Kubota, K., Terada, K., Inamori, M., Nakajima, M. Development of light emission computer tomography with a lens system 98801
Kubota, K. *see* Ishizuka, H. 62779
Kubota, K. *see* Nakamura, H. 71429
Kubota, K. *see* Okuyama, K. 93415
Kubota, K. *see* Terada, K. 98866
Kubota, K. *see* Yoshida, S. 71817
Kubota, M. *see* Harafuji, K. 62500
Kubota, M. *see* Imai, S. 71381
Kubota, M. *see* Misaka, A. 93173
Kubota, M. *see* Ohkuni, M. 71378
Kubota, M. *see* Tamaki, T. 93264
Kubota, M. *see* Verhaverbeke, S. 62494
Kubota, M. *see* Yano, K. 71430
Kubota, N. *see* Mine, K. 75961
Kubota, N. *see* Mine, K. 97859
Kubota, R. *see* Ujita, H. 99896
Kubota, S. *see* Kasahara, M. 65498
Kubota, S. *see* Kurakake, H. 63830
Kubota, S. *see* Matsumoto, Y. 80197
Kubota, S. *see* Sakata, T. 86156
Kubota, S. *see* Seki, K. 52371
Kubota, S. *see* Sugiyama, T. 86276
Kubota, S. *see* Yoshida, Y. 71323
Kubota, T., Asakawa, M., Fukui, T., Fukunaga, S., Yatsuka, K., Inoue, H., Watanabe, M., Fudamoto, K., Hasegawa, T. Fundamental characteristics of the 500 kV XLPE cable 99708
Kubota, T., Wakui, G., Mikami, H. A calculation method of characteristics of hysteresis motor considering elliptic rotating field inside rotor ring 78601
Kubota, T., Yamada, K. Gas-insulated transformer 90058
Kubota, T. *see* Hisamune, Y.S. 92186
Kubota, T. *see* Horii, T. 60223
Kubota, T. *see* Kanamori, K. 92205
Kubota, T. *see* Kawabata, M. 50964
Kubota, T. *see* Kurihara, K. 60191
Kubota, T. *see* Kurihara, K. 68576
Kubota, T. *see* Kurihara, K. 78590
Kubota, T. *see* Ueda, H. 56981
Kubota, Y., Nishi, Y., Shintani, K., Urabe, T., Shimada, K., Katsumoto, T. Latest advances in camcorder technology 52730
Kubota, Y., Toyoyama, S., Kanie, Y., Tsuchimoto, S. A proposal of new multiple-valued mask-ROM design 62907
Kubota, Y. *see* Ebinuma, Y. 59945
Kubota, Y. *see* Kanie, Y. 61640
Kuboyama, S. *see* Matsuda, S. 55945
Kuboyama, S. *see* Matsukawa, T. 61711
Kuboyama, S. *see* Tsubota, T. 61643
Kuc, R. *see* Bozma, O. 65933
Kuc, R. *see* Kleeman, L. 99356
Kuchang Kang *see* Hyunsik Jang 70455
Kuchar, F. *see* Stoger, G. 55591
Kucharska, M. *see* Pawluk, K. 57051
Kuchcinski, K. *see* Xinli Gu 91749
Kuchenko, J.P. *see* Yurkin, I.M. 71945
Kucherov, I.Ya. *see* Zhabitenko, N.K. 71863
Kucheruk, A.D. *see* Babichev, G.G. 97945
Kucheryavaya, I.N. *see* Podol'tsev, A.D. 80951
Kucheryavenkov, A.I. *see* Pavel'yev, A.G. 51103
Kuchinski, V., Larionov, B., Mikhailov, N., Pavluk, S., Roshal, A., Risev, V., Uralov, S. Switching devices for the ITER magnet power supply system 93978
Kuchinskii, K.A., Antonyuk, S.M., Fink, A.F. Study of thermal processes in the active zone of massive rotors of nonsalient-pole motors of powers 800-4000 kW 89834
Kuchinskii, V.I. *see* Guriev, A.I. 56793
Kuchinsky, N.A. *see* Baranov, V.A. 76849
Kuchitsu, K. *see* Urisu, T. 61298
Kuchler, G. Resonators and filters for the GHz range: the dynamics of microwave ceramics 80595
Kuchnir, M. *see* Kirchgessner, J. 67104
Kuchta, F.L. *see* Cinquemani, P.L. 89270
Kuchukhidze, V.A. *see* Antipov, V.V. 53863
Kuck, H. *see* Muller, M. 66322
Kuck, H. *see* Sauer, B. 62504
Kuck, H. *see* Streil, T. 58691
Kuckes, A. The BERKOM Multimedia Teleservices Project: An advanced approach towards distributed multimedia communication over high-speed networks 52208
Kuckes, A. *see* Altenhofen, M. 65450
Kucuk, S. *see* Hall, R.W. 96040
Kuczborski, W., Attikiouzel, Y., Crebbin, G. Decomposition of logic networks with emphasis on signed digit arithmetic systems 70435
Kuczenski, G. *see* Close, A. 60599
Kuczera, B. R&D activities on safety aspects of future PWR plants performed at KfK 68399
Kuczka, J.H. *see* Buschart, R.J. 54429
Kuczynski, A. Continuation method in multilevel algorithms for the DC analysis of nonlinear circuits 91861
Kuczynski, A.P. *see* Charters, R.B. 52611
Kudaishi, T. *see* Miyano, I. 82049
Kudelainen, V.I. *see* Aleksandrov, A.V. 87901
Kudelainen, V.I. *see* Anashin, V.V. 76538
Kudelas, J. The linear model with variance-covariance components and jackknife estimation 69699
Kudella, F. *see* Ellmer, K. 61409
Kudelski, M. *see* Jufer, M. 89881
Kudenko, Yu.G. *see* Dement'ev, D.V. 53315
Kudielka, K.H., Neubert, W.M., Scholtz, A.L., Leeb, W.R. Experimental verification of an adaptive optical multi-aperture receive antenna for laser space communications 97248
Kudielka, K.H. *see* Neubert, W.M. 75388
Kudintseva, I.G. *see* Nickolaenko, A.P. 67807
Kudjak, V. *see* Kulesov, V.N. 49205
Kudo, A., Itoh, N., Itoh, K., Shichi, M., Nishitani, T., Yoshihawa, T. EHV 275 kV and 132 kV SF_6-cooled gas-insulated power transformers 68909
Kudo, A. *see* Takemoto, K. 100420
Kudo, H., Saito, T. Image restoration with a generalized expectation-maximization algorithm 64710
Kudo, H., Shinoe, K., Takaki, H., Koseki, T., Ohkuma, H., Kamiya, Y. Measurement of the orbit parameters at SOR-RING 67212
Kudo, H. *see* Chiba, T. 68043
Kudo, H. *see* Fujita, N. 89380
Kudo, H. *see* Lee, J. 93135
Kudo, K., Arai, S., Shin, K.C. The optical gain coupling saturation effect on the linewidth property of complex coupled DFB lasers 50859
Kudo, K., Nagashima, Y., Tamura, M., Tamura, S., Ubukata, A., Arai, S. Fabrication of GaInAs/GaInAsP/InP multi-quantum-wires and -boxes by substrate-potential-controlled electron cyclotron resonance reactive ion beam etching 91479
Kudo, K., Takeda, N., Fukuda, A. Characteristics of a new type of spectrometer for measuring intermediate neutrons 88262
Kudo, K., Takeda, N., Fukuda, A. Characteristics of a new type of spectrometer for measuring intermediate neutrons 98709
Kudo, K. *see* Huang, Y. 83116
Kudo, K. *see* Lee, J.-S. 62244
Kudo, K. *see* Maruyama, S. 63057
Kudo, K. *see* Matiullah 88180
Kudo, K. *see* Matiullah 88181
Kudo, K. *see* Ono, M. 66820
Kudo, K. *see* Takeda, N. 88118
Kudo, K. *see* Takeda, N. 98589
Kudo, M., Mishima, T., Tanimoto, T., Washima, M. Single and double δ-doped $Al_{0.25}Ga_{0.75}As/In_{0.25}Ga_{0.75}As$ pseudomorphic heterostructures grown by molecular-beam-epitaxy 48913
Kudo, M. *see* Tanimoto, T. 50043
Kudo, M. *see* Washima, M. 71716
Kudo, T. *see* Ishihara, T. 78802
Kudo, T. *see* Nagai, M. 66294
Kudo, T. *see* Padmanaban, M. 81618
Kudo, T. *see* Spiess, W. 81620
Kudoh, H. *see* Arakawa, F. 70667
Kudoh, I. *see* Arakawa, F. 70667
Kudoh, J., Takemoto, E., Sasaki, H., Nemoto, Y. A study on classifications for NOAA HIRS/2 images 77396
Kudoh, J., Youn, C.-H., Okabe, K., Nemoto, Y., Noguchi, S. A study of data transmission efficiency of the main computer with Campus Network 74956
Kudoh, M. *see* Nakata, J. 91408
Kudoh, Y. *see* Fukliyama, M. 55444
Kudoh Jun-Ichi *see* Jun-Ichi Kudoh
Kudomi, N. *see* Ejiri, H. 59215
Kudor, T., Ishihara, K., Naitoh, H. Self-commissioning for vector controlled induction motors 68610
Kudoyarova, V.Kh., Terukov, E.I., Trapeznikova, I.N., Violina, G.N., El'kina, N.V., Kavalyauskas, R.A. Optical and electrical properties of a-$Si_{1-x}C_x$:H layers in connection with promising electrophotographic applications 94249
Kudrewicz, H. Diffraction by an impedance half-plane with generalized boundary conditions. Behaviour of the solution near the edge 73257
Kudriavtsev, A. *see* Volodarsky, V. 96733
Kudrin, A.V. *see* Zaboronkova, T.M. 51210
Kudrin, B.I. The determination of energy consumption and energy conservation parameters on the pages of the 'Promyshlennaya Energetika' journal 100792
Kudrya, V.P., Kuznetsova, M.S. Stability of optimal photomasks with two and three levels of transmission coefficient with respect to process-induced deviations 81747
Kudryashov, A.V. *see* Golovnin, I.V. 56688
Kudryashov, B.D. *see* Bocharova, I.E. 73638
Kudryavkin, E.V. *see* Barikhin, B.A. 56643
Kudryavtsev, A.Yu. *see* Vikulov, O.V. 86539
Kudryavtsev, N.Yu. *see* Sidulov, M.V. 89662
Kudryavtsev, S.V., Mokhun, I.I., Roslyakov, S.N., Sopin, M.O. Normal incidence optical IC [position sensor] 75927
Kudryavtsev, V. *see* Katalev, V. 67103
Kudryavtsev, V.A. *see* Aglietta, M. 67318
Kudryavtsev, Y.A. *see* Vermeeren, L. 98485
Kudva, J.N. *see* Lockyer, A.J. 88657
Kudva, J.N. *see* Marantidis, C. 99066
Kudva, P., Akella, V. Testing two-phase transition signaling based self-timed circuits in a synthesis environment 56064
Kudva, P., Gopalakrishnan, G., Brunvand, E., Akella, V. Performance analysis and optimization of asynchronous circuits 92031
Kudva, P.N. *see* Gopalakrishnan, G.C. 92050
Kuebart, W., Hildebrand, O., Kramer, B. Status and trends of indium-phosphide-based avalanche photodiodes and optoelectronic integrated circuits 75492
Kuech, T.F. *see* Chen, C.-P. 93057
Kuech, T.F. *see* Huang, J.W. 79795
Kuech, T.F. *see* Redwing, J.M. 79804
Kueck, J.D., Criscoe, J.C., Burstein, N.M. Assessment of valve actuator motor rotor degradation by Fourier analysis of current waveform 90321
Kuehler, J. *see* Kaplan, D. 59067
Kuehlmann, A., Cheng, D.I., Srinivasan, A., LaPotin, D.P. Error diagnosis for transistor-level verification 91792
Kuehn, R.T. *see* Bayoumi, A.M. 63012
Kuehn, S.E. Independent power: new realities shaping the industry 68094
Kuehn, S.E. Controlling nuclear O&M costs 89428
Kuehne, J. *see* Moslehi, M. 93626
Kuehne, J. *see* Moslehi, M.M. 71800
Kuehne, J. *see* Moslehi, M.M. 90920
Kuehne, S.C. *see* Nguyen, C.T. 50012
Kuehne, S.C. *see* Nguyen, C.T. 62814
Kuehnel, W., Sherman, S. A surface micromachined silicon accelerometer with on-chip detection circuitry 97917
Kuei Chu-Hua *see* Chu-Hua Kuei
Kuei-Ann Wen, Jeong-Yuan Su, Chung-Yen Lu VLSI design of digital cellular neural networks for image processing 64724
Kuei-Huei Lin, Wen-Feng Hsieh Analytical design of symmetrical Kerr-lens mode-locking laser cavities 56832
Kuei-Shu, Chang-Liao, Ching-Ju Huang Anneal technique to recover the electrical characteristics of the packaged bipolar junction transistors damaged by Co-60 radiation 71592
Kuei-Shu Chang-Liao, Jenn-Gwo Hwu Improvement of hot-carrier and radiation hardnesses in metal-oxide-nitride-oxide semiconductor devices by irradiation-then-anneal treatments 49825
Kuek, S. *see* Xie, H. 75262
Kuek, S.S., Wong, W.C. Approximate analysis of a dynamic-channel-assignment scheme with handoffs 52366
Kuelz, K.W., Peng-Wie Hsia, Wise, R.M., Mahmud, R., Damiano, R.J., Jr. Integration of absolute ventricular fibrillation voltage correlates with successful defibrillation 77040
Kuen Cham Wai *see* Cham Wai Kuen
Kuen Lai Wai *see* Lai Wai Kuen
Kuen-Chu Lai *see* Tsern-Huei Lee 85901
Kuen-Hsien Lee *see* Yeau-Keuen Fang 56580
Kuen-Jong Lee, Njinda, C.A., Breuer, M.A. SWiTEST: a switch level test generation system for CMOS combinational circuits 49285
Kuen-Jong Lee *see* Jing-Jou Tang 70404
Kuen-Yen Huang *see* Hong-Tzer Yang 60209
Kuen-Yen Huang *see* Hong-Tzer Yang 89993
Kuenen, J.C., Meijer, G.C.M. The dielectric relaxation in capacitors and dielectric material and its effect on VCOs 98265
Kuenen, J.C. *see* van de Gevel, M. 93664
Kuepper, A. *see* Popien, C. 58070
Kuester, E.F. *see* Bellamine, F.H. 73463
Kuester, E.F. *see* Holloway, C.L. 70817
Kuetgens, U. *see* Basile, G. 86982
Kuetgens, U. *see* Seyfried, P. 86967
Kufer, W. Audio Analyzer UPD analyzes protocols at digital interfaces 52775
Kuffe, M., Weidemann, B., Weirong Xiao Two novel controller concepts for magnetic bearings considering the influence of the rotational speed on the system dynamics 68528
Kuffel, E. *see* Ming Yu 79744
Kuffel, R. *see* McLaren, P.G. 78226
Kuffey, C.K. *see* Dye, T.E. 60649
Kufner, M., Kufner, S., Frank, M. Monolithically integrated refractive optical interconnection networks 50644
Kufner, S. *see* Kufner, M. 50644
Kufner, W. *see* Buschhorn, G. 76859
Kuftin, A.N. *see* Zapevalov, V.E. 49743
Kug Ham Young *see* Young Kug Ham
Kuga, K., Yoshimoto, H., Yoneda, Y., Numazawa, J. High density perpendicular magnetic recording tape 93881
Kuga, K., Yoshimoto, H., Yoneda, Y., Numazawa, J., Naoe, M. Improvement of anisotropy of perpendicular magnetic recording tape by Ta addition and Kr sputtering gas 63234
Kuga, K. *see* Numazawa, J. 50256
Kuga, T. *see* Nagamine, K. 76397
Kuga, Y. *see* Ishimaru, A. 73292
Kuga, Y. *see* Phu, P. 94774
Kuge, J. *see* Iritani, T. 80194
Kugel, G.E. *see* Klein, R.S. 94255

Kugimiya, K. *see* Inoue, O. 82238
Kugimiya, K. *see* Yoichiro Yokotani 82105
Kugimiya, M. *see* Hiyama, T. 89153
Kugler, H.-J. *see* Mac An Airchinnigh, M. 96442
Kuh, E.S. *see* Shih, M. 54529
Kuh, S. *see* Hu, V. 88649
Kuhar, P., Shimizu, E.J. Telco vision: Delivering distance education 96387
Kuhara, S. *see* Nakamura, K. 92228
Kuhara, S. *see* Nakamura, K. 92237
Kuhbauch, W. *see* Nabout, A. 57818
Kuhl, D. *see* Hieronymi, F. 76001
Kuhl, K. *see* Klumpp, A. 54961
Kuhl, L., Senn, R., Rhea, J.H. Design and implementation of an integrated energy management system for improved response to an hourly incentive pricing program 68145
Kuhle, A. *see* Bodin, P. 94032
Kuhle, A. *see* Nilsson, P.A. 50424
Kuhlen, H. *see* Bottcher, A. 65742
Kuhlin, B. *see* Dohmen, A. 65410
Kuhlmann, S. *see* Badgett, W. 74345
Kuhlow, B. *see* Dietrich, E. 97237
Kuhlow, B. *see* Ferstl, M. 50542
Kuhme, T. *see* Raffler, H. 64343
Kuhn, E. *see* Haisch, H. 86520
Kuhn, E. *see* Zielinski, E. 56434
Kuhn, K. *see* Jung, C. 94198
Kuhn, M. *see* Krupka, J. 93683
Kuhn, M.J., Hammer, G.M., Swenson, L.C., Youssef, H.T., Gleason, T.J. MRI evaluation of "solitary" brain metastases with triple-dose gadoteridol: comparison with contrast-enhanced CT and conventional-dose gadopentetate dimeglumine MRI studies in the same patients 88428
Kuhn, M.J., Youssef, H.T., Swan, T.L., Swenson, L.C. Lumbar epidural lipomatosis: the "Y" sign of thecal sac compression 88401
Kuhn, O. *see* Maude, D.K. 62271
Kuhn, P.J., Pack, C.D., Skoog, R.A. Common channel signaling networks: past, present, future 51881
Kuhn, P.J. *see* Bafutto, M. 51877
Kuhn, P.J. *see* Bolotin, V.A. 51882
Kuhn, R., De Mori, R. Learning speech semantics with keyword classification trees 73844
Kuhn, S. *see* Tobben, D. 93001
Kuhn, S. *see* Wendel, M. 81742
Kuhn, T. *see* Bordone, P. 62185
Kuhn, T. *see* Hillmer, H. 62279
Kuhn, T. *see* Hillmer, H. 94475
Kuhn, T. *see* Leitenstorfer, A. 81238
Kuhn, T. *see* Quade, W. 62150
Kuhn, T. *see* Rossi, F. 62136
Kuhn, T. *see* Schukat-Talamazzini, E.G. 84123
Kuhn, T. *see* Varani, L. 62155
Kuhn, W. *see* Dumont, H. 48923
Kuhn, W. *see* Wolf, K. 69999
Kuhn, W.S., Driad, R., Stanzl, H., Lusson, A., Wolf, K., Qu'Hen, B., Sahin, H., Svob, L., Grattepain, C., Quesada, X., Gebhardt, W., Gorochov, O. Investigation of hydrogen, carbon and further impurities in the metalorganic vapour phase epitaxy of ZnSe with ditertiarybutylselenide and methylallylselenide 69942
Kuhn, W.S. *see* Qu'Hen, B. 70020
Kuhn Il Lee *see* Sang Ho Ahn 61816
Kuhn Il Lee *see* Yong Dal Shin 74448
Kuhn-Heinrich, B. *see* Waag, A. 69995
Kuhn-Il Lee *see* Yong-Su Seo 77264
Kuhne, H. Extention of the "three partial rates" model to layer growth and composition of the ternary $Si_{1-(x+y)}Ge_xB_y$ system 61400
Kuhne, H., Fischer, A. On the chemical vapour deposition of $Si_{1-(x+y)}Ge_xB_y$ thin films with very high or very low boron contents: Part 1. The binary systems 79951
Kuhne, H., Fischer, H. On chemical vapour deposition of $Si_{1-(x+y)}Ge_xB_y$ thin films with very high or very low boron contents. 2. Very high boron contents and amorphous state 91590
Kuhne, H. *see* Kruger, D. 69973
Kuhne, J. *see* Moslehi, M.M. 62356
Kuhne, M. *see* Rupschus, G. 98352
Kuhne, R.D. Mobile communications for traffic information 75234
Kuhnel, W. *see* Schellin, R. 58723
Kuhnert, R. *see* Fiegl, B. 69575
Kuhnert, R. *see* Fiegl, B. 79366
Kuhnert, R. *see* Fiegl, B. 79383
Kuhnl, U. Electricity supply undertakings: profit in branch comparison 99589
Kuhr, R.W., Shectman, D.L., Vivenzio, T.A., Wong, P.K., Rorstrom, E.G., Bradley, C.F. Cost and performance data for generation supply options for New England 78003
Kuhrt, C., Schnitzke, K., Wecker, J., Helmolt, R.v., Schultz, L. Ti-substituted hard magnetic mechanically alloyed $Sm_2Fe_{17}N_x$ 50198
Kuhrt, C. *see* Helmolt, R.v. 50204
Kui Han *see* Shihong Ma 94647
Kui Lu *see* Lu Kui
Kui Zhao *see* Qingyuan Wang 94318
Kuie-Lin Lo *see* Ching-Tsai Pan 100257
Kuie-Lin Lo *see* Ting-Yu Chang 78853
Kuijer, P.G. *see* Blom, J. 88212
Kuijer, P.G. *see* Bootsma, T.M.V. 98638
Kuijk, K.E. Capacitive effects in NLR-matrix TV-LCDs: I. Influence of the column signal 98236
Kuijk, K.E. Capacitive effects in NLR-matrix TV-LCDs: II. Influence of the row signal 98237
Kuijk, K.E. Capacitive effects in NLR-matrix TV-LCDs: III. Instability 98238
Kuijk, M., Heremans, P.L., Borghs, G., Vounckx, R. Depleted double-heterojunction optical thyristor 50678
Kuijk, M. *see* Heremans, P. 73025
Kuijlaars, A.B.J. *see* Clunie, J.G. 79668
Kuimov, A.Y. *see* Rayevsky, I.P. 82187
Kuin Sen Pung *see* Pung Kuin Sen
Kuin Su Yan *see* Yan Kuin Su
Kuin-Hui Chen, Yean-Kuen Fang, Ching-Ru Liu, Jun-Dar Hwang, Yue-Kae Lin, Lee-Ching Kuo Amorphous silicon double-injection device with gate-controllable N-type negative resistance 93320
Kuin-Hui Chen *see* Ching-Ru Liu 55606
Kuiper, A.E.T. *see* Habraken, F.H.P.M. 70171
Kuiper, A.E.T. *see* Pomp, H.G. 93171
Kuipers, J.J. *see* de Lange, G. 55400
Kuipers, J.J. *see* Gao, J.R. 55589
Kuisl, M. *see* Presting, H. 80748
Kuivalainen, P. *see* Andersson, M. 49165
Kuivalainen, P. *see* Xia, Z. 71307
Kujawinska, M., Salbut, L., Czarnocki, P. Material studies of composites by automatic grating interferometry 70198
Kujawinska, M. *see* Pirga, M. 58981
Kujawinska, M. *see* Salbut, L. 70189
Kuji, N., Matsumoto, K. E-beam static fault imaging with a CAD interface and its application to marginal fault diagnosis 61627
Kuji, N., Shirakawa, K. Cone/block methods for logic simulation time reduction in E-beam guided-probe diagnosis 61618
Kujszczyk, S. Control of switching in the electric distribution networks 78075
Kuk, Y. *see* Khang, Y. 71201
Kuk, Y. *see* Kim, J.C. 71058
Kuk Jin Chun *see* Jae Do Kim 71449
Kuk jin Chun *see* Sang gi Yu 71687
Kuk Jin Chun *see* Yeo Hwan Kim 62743
Kukebayev, A.M. *see* Sindler, Yu.B. 84340
Kukharchik, P.D. *see* Bovbel', Ye.I. 79755
Kukharchik, P.D. *see* Bovbel', Ye.I. 97397
Kukharskii, M.E., Kovalev, Yu.M. Ventilational noise of electrical machines 78614
Kukhlevsky, S.V., Kozma, L. Area scaling in N_2 waveguide lasers 63648
Kukhta, V.R., Lopatin, V.V., Noskov, M.D. Effect of space charge in dielectrics on formation of discharge structure 56095
Kukhta, V.R. *see* Gavrilov, I.M. 63064
Kukhtarev, N., Henry, M., Venkateswarlu, P., Abdeldayem, H., Frazier, D. Image processing by holographic gratings in fluorescein-doped boric acid glass 50977
Kukhtarev, N., Kukhtareva, T., Caulfied, H.J., Knyazkov, A. Two dimensional optical channeling 73167
Kukhtareva, T. *see* Kukhtarev, N. 73167
Kukhtin, V.P., Lamzin, E.A., Severgin, Yu.P., Sytchevsky, S.E. Choice of hexapole parameters for ECR ion source 72176
Kukielka, J.F. *see* Sevenhans, J. 97137
Kukimoto, H. Epitaxial growth of wide-gap chalcopyrite materials—current state and future 61263
Kukimoto, H. *see* Honda, T. 49878
Kukimoto, H. *see* Honda, T. 83048
Kukimoto, H. *see* Kano, N. 70048
Kukimoto, H. *see* Yamamoto, M. 54872
Kukimoto, H. *see* Yamamoto, M. 56758
Kukimoto, H. *see* Yanashima, K. 70019
Kukimoto, Y., Fujita, M., Brayton, R.K. A redesign technique for combinational circuits based on gate reconnections 91843
Kukkal, P., Bowles, J.B., Bonnell, R.D. Database design for failure modes and effects analysis 54602
Kuklin, A.Yu. *see* Doev, V.S. 83047
Kuklin, A.Yu. *see* Ibaev, Yu.K. 83146
Kuklinski, W.S. Utilization of fractal image models in medical image processing 67495
Kuklovsky, S. *see* Betko, J. 62167
Kukolich, L. *see* Lippmann, R.P. 51557
Kukonin, A., Larchenko, Y., Leonov, A. Interferometrical scanning beam control system for electro-mechanical deflectors 94695
Kuksenkov, D.V. *see* Guriev, A.I. 56793
Kukuchi, R. *see* Soffer, B.H. 61067
Kukushkin, A. Propagation modelling in mobile communications 86123
Kula, W. *see* Sobolewski, R. 56253
Kula, W. *see* Win Naing Maung 55381
Kula, W. *see* Win Naing Maung 92493
Kula, W. *see* Xiong, W. 93936
Kulagin, M. *see* Ariztizabal, F. 98518
Kulagin, V. *see* Bubis, E.I. 83293
Kulagina, M.M. *see* Drozdov, S.V. 49804
Kulak, G.V. Collinear acoustooptic interaction in hydrotropic planar waveguides 56384
Kulak, G.V. Collinear acoustooptic coupling in gyrotropic fiber waveguides 82588
Kulak, I.I. *see* Gribkovskii, V.P. 63763
Kulakov, A.V. *see* Krot, A.I. 58769
Kulandainathan, M.Anbu *see* Anbu Kulandainathan, M.
Kularatna, A.D.V.N., Kalyanapala, M., Fernando, S., Fernando, P. Utilization of developing country resources for research and development related to telecommunication products and systems 96328
Kulasekera, K.B. Approximate MLE's of the parameters of a discrete Weibull distribution with type I censored data 61083
Kulawski, G.J., Brdys, M.A. Adaptive control of non-linear plants using neural networks—application to a flux control in AC drive system 60507
Kul'bachinshkii, V.A. *see* de Visser, A. 81283
Kul'beda, V.E. *see* Furman, E.G. 53097
Kulchin, Y.N., Vitrik, O.B., Kirichenko, O.V. Correlation processing of single fiber multimode interferometers deformation signals 72546
Kulchin, Y.N., Vitrik, O.B., Kirichenko, O.V., Petrov, Y.S. Fiber-optic distributed sensor tomography network 52909
Kulchin, Y.N. *see* Kirichenko, O.V. 87216
Kulcsar, G. *see* Yamakoshi, H. 67413
Kulcsar, G. *see* Zhao, L. 56655
Kulepov, V.F. *see* Belolaptikov, I.A. 59156
Kuleshov, N.B., Tokarev, I.V. Optimization of matrix-addressed control of viscoelastic deformable space light modulators 56421
Kuleshov, N.V. *see* Demchuk, M.I. 83305
Kuleshov, S. *see* Akimov, V. 53300
Kuleshov, S.V. *see* Akimov, V.A. 53286
Kuleshov, Yu.G., Borisenko, A.A. Spectral analysis of random processes 51482
Kulesov, V.N., Lesukov, B., Kudjak, V., Ondracek, O. Fluctuations in LC oscillators 49205
Kulesza, F.W., Estes, R.H. Solderless flip chip technology: phase I 92853
Kulevoy, T.V. *see* Batalin, V.A. 98496
Kulgavchuk, V.V. *see* Gerasimov, A.I. 80895
Kulic, Z. *see* Zdenkovic, J. 69061
Kulichenko, A.V. *see* Cardini, A. 67354
Kulick, J.H. *see* Lindquist, R.G. 56453
Kulick, J.H. *see* Nordin, G.P. 66621
Kulicke, B. *see* Lei, X. 99599
Kuliesius, F. *see* Mackus, P. 76151
Kulig, T.S. *see* Li Chongjian 89913
Kulihauskas, V.S. *see* Balychenko, A.A. 69978
Kulik, I.O. Nonlinear four-terminal microstructures: a hot-spot transistor? 81812
Kulikov, A. *see* Breidenbach, M. 92864
Kulikov, A.M., Kozlovtsev, V.G., Leguenko, S.K. On preparing to run a reactor with a new source of energy from renewable energy resources 100785
Kulikov, A.V. *see* Clendenin, J.E. 76743
Kulikov, A.V. *see* Tang, H. 71025
Kulikov, A.V. *see* Yeremian, A.D. 76724
Kulikov, V.D., Lisyuk, Yu.V. Modeling the charging of dielectrics under electron-beam irradiation with the help of electrical circuits 50111
Kulikov, Ye.A., Zueva, H.N. On the mesoscale variability observed in the North Atlantic by satellite altimeters 77539
Kulikovskii, K.A. *see* Groznetskii, B.N. 51477
Kulinitch, P. *see* Cantoni, P. 53306
Kulinski, S. Acceleration and bunching by a gap 66940
Kulinski, S. *see* Ferrario, M. 53106
Kulinski, S. *see* Minestrini, M. 67118
Kulinski, S. *see* Tazzioli, F. 67001
Kulinski, S. *see* Whitham, K. 67009
Kulipanov, G. *see* Erg, G. 67200
Kulipanov, G. *see* Korchuganov, V. 66999
Kulipanov, G.N. *see* Kang, B.K. 76650
Kulisch, W. *see* Beckmann, R. 70112
Kulizhskii, A.V., Tinin, M.V. Average Pedersen-ray intensity in randomly inhomogeneous ionosphere 73358
Kulizhskii, A.V., Tinin, M.V. Signal propagation in two-layer medium with random large-scale inhomogeneities 83636
Kulizhsky, A.V., Pankov, L.V., Semenei, Yu.A., Tinin, M.V. The structure of the field of high-angle rays in a randomly inhomogeneous ionosphere at frequencies close to the maximum usable frequency 64143
Kulkarni, A., Sant, G., Krishnayya, J.G. Urbanization in search of energy in three Indian cities 69030
Kulkarni, A., Shevgaonkar, R., Sahasrabudhe, S.C. Edge detection using scale space knowledge 74428
Kulkarni, A. *see* Smith, K.R. 68362
Kulkarni, A.D., Byars, P. Artificial neural network models for texture classification via: the Radon transform 96010
Kulkarni, L.V. *see* Shyam, A. 98554
Kulkarni, M.S. Design and performance of high reactance current transformers 54055
Kulkarni, S.R. *see* Dudley, R.M. 73584
Kulkarni, V. Increase fault coverage with I_{DDQ} testing 70343
Kulkarni, V., Gun, L., Chimento, P. Effective bandwidth vector for two-priority ATM traffic 64957
Kulkarni, V.G., Stidham, S., Jr. A queueing-network model for half-duplex routing in data communication networks 57966
Kulkarni, V.G. *see* Gun, L. 65440
Kulkarni, V.G. *see* Hoon Choi 69707
Kulke, R. *see* Pogatzki, P. 92596

Kulke, R. *see* Rittweger, M. 92598
Kulkova, E. *see* Khrenov, G. 81810
Kull, L.L. *see* Helmers, S.L. 88511
Kulminskii, A.M. *see* Voitovich, A.P. 94360
Kulski, Z.H. Technique of determining the air gap electromagnetic torque for current-fed AC drive motors 69074
Kulski, Z.H. Method of the air-gap electromagnetic torque identification for a current-fed AC drive system 90486
Kulski, Z.H. A novel approach to electromagnetic torque identification problem in current-fed AC drive 100850
Kultashev, O.K. *see* Ovsyannikov, V.P. 53174
Kul'varskaya, B.S. *see* Kolmakov, A.A. 87940
Kulwicki, B.M., Amin, A., Beratan, H.R., Hanson, C.M. Pyroelectric imaging 52951
Kulwicki, B.M. *see* Witter, D.E. 97988
Kulwicki, P.V. *see* Storey, B.A. 88693
Kulys, J., Hansen, H.E. Carbon-paste biosensors array for long-term glucose measurement 98133
Kulyupin, Yu.A. *see* Borziak, P.G. 92637
Kuma, S. *see* Fujishiro, H. 89291
Kumabe, H. *see* Arimoto, S. 100576
Kumabe, H. *see* Morikawa, H. 60468
Kumabe, H. *see* Sasaki, H. 78825
Kumada, A. *see* Kumagai, M. 97843
Kumada, J. *see* Okano, F. 66029
Kumada, M., Sato, K., Itano, A., Kanazawa, M., Takada, E., Noda, K., Sudou, N., Kohno, T., Ogawa, H., Yamada, S., Sato, Y., Kamada, T., Kitagawa, A., Yoshizawa, J., Murakami, T., Hirao, Y., Matsumoto, S., Sato, H., Sueno, T., Kato, T., Endo, K., Utino, K., Takada, Y., Tsukuba, U., Noda, A., Tanabe, T., Watanabe, S., Koseki, S., Kubo, H. Design of the HIMAC synchrotron power supply 68748
Kumada, M. *see* Itano, A. 87686
Kumada, M. *see* Murakami, T. 76296
Kumagai, A. *see* Hamabe, R. 85788
Kumagai, A. *see* Kato, M. 85472
Kumagai, A. *see* Kurata, M. 98524
Kumagai, F. *see* Yamaguchi, K. 49690
Kumagai, H., Thurai, M., Wang, J.R. Precipitation profiling using single-frequency radar and multi-frequency radiometer data obtained from an aircraft experiment 77358
Kumagai, H. *see* Awaka, J. 77359
Kumagai, H. *see* Kawanishi, T. 67832
Kumagai, H. *see* Kobayashi, T. 77571
Kumagai, H. *see* Morimoto, T. 65862
Kumagai, H. *see* Nakamura, K. 77353
Kumagai, H. *see* Schols, J.L. 77357
Kumagai, H. *see* Thurai, M. 77406
Kumagai, H. *see* Wang, J.R. 77399
Kumagai, J. *see* Chang, P.S.-T. 62852
Kumagai, K., Matsui, S. The injection septum magnets of the SPring-8 storage ring 87781
Kumagai, K. *see* Fujimoto, K. 100615
Kumagai, K. *see* Nomura, M. 49485
Kumagai, K. *see* Tamura, F. 91591
Kumagai, K. *see* Yoshino, A. 93646
Kumagai, M., Agawa, H., Nakagomi, M., Siratori, Y., Tanimura, D., Kumada, A., Naganuma, H. A spectrum analyzer using a high speed hopping PLL synthesizer 97843
Kumagai, M. *see* Kojima, T. 91141
Kumagai, M. *see* Sakai, Y. 50348
Kumagai, N., Yamazaki, T. Injection controllable Schottky barrier (ICOS) rectifier 55878
Kumagai, N. *see* Sumida, H. 71663
Kumagai, N. *see* Yamazaki, T. 55970
Kumagai, S. Activities on net theory in Japan 79627
Kumagai, S. *see* Wakatsuki, M. 87595
Kumagai, T., Soekawa, H., Yuhara, T., Kajioka, H., Oho, S., Sonobe, H. Fiber optic gyroscopes for vehicle navigation systems 76034
Kumagai, T. *see* Kobayashi, K. 55169
Kumagai, T. *see* Kobyashi, K. 80196
Kumagai, T. *see* Yahara, T. 76040
Kumagai, Y., Mori, R., Ishimoto, K., Hasegawa, F. Influence of boron adsorption over Si(111) surface on Si molecular beam epitaxial growth studied by reflection high-energy electron diffraction 69957
Kumagai, Y. *see* Matsushita, K. 81472
Kumagawa, M. *see* Hayakawa, Y. 79763
Kumagawa, M. *see* Xiuying, G. 61264
Kumagawa, M. *see* Xiuying Gong 56525
Kumagawa, M. *see* Yamaguchi, T. 62232
Kumai, W., Hashimoto, I., Ohsawa, S., Mitani, M., Matsuda, Y. Completion of high-efficiency water pipe cooling system for underground transmission line 53751
Kumakura, H. *see* Itoh, K. 58258
Kumakura, H. *see* Tomita, N. 82402
Kumakura, T. *see* Mita, M. 48681
Kumakura, T. *see* Taguchi, K. 97325
Kumamaru, K. *see* Uchida, M. 89581
Kumamoto, T. *see* Ito, M. 92321
Kumamoto, T. *see* Kouno, H. 70709
Kumamoto, T. *see* Miki, T. 49507
Kumamoto, Y. *see* Aoki, K. 86800
Kumamura, M. *see* Hata, K. 92870
Kumanbara, T. *see* Yamamoto, H. 50205
Kumano, C. *see* Iba, K. 89183
Kumano, T., Yokoyama, A., Sekine, Y. Fast monitoring and optimal preventive control of voltage instability 53663
Kumano, T. *see* Hirota, T. 83539
Kumano, T. *see* Hlasnik, I. 82310
Kumano, T. *see* Miki, I. 60236
Kumano, T. *see* Miyake, S. 68255
Kumanoya, M. *see* Iwamoto, H. 92216
Kumanoya, M. *see* Yamazaki, A. 70551
Kumar, A., Gallawa, R.L. Bending-induced loss in dual-mode rectangular waveguides 56385
Kumar, A., Gallawa, R.L., Goyal, I.C. Modal characteristics of bent dual mode planar optical waveguides 63428
Kumar, A. *see* Bar-Shalom, Y. 74014
Kumar, A. *see* Chien-In Henry Chen 49293
Kumar, A. *see* Datta, P.K. 76081
Kumar, A. *see* Gallawa, R.L. 50459
Kumar, A. *see* Jain, V.K. 55635
Kumar, A. *see* Kuri, J. 79540
Kumar, A. *see* Lindner, H. 59988
Kumar, A. *see* Masory, O. 59456
Kumar, A. *see* Ray, S. 91033
Kumar, A. *see* Reisenfeld, S. 57960
Kumar, A. *see* Shun Yan Cheung 65091
Kumar, A. *see* Thakur, D.K. 63031
Kumar, A. *see* Wei Zhao 58132
Kumar, A.Bejoy *see* Bejoy Kumar, A.
Kumar, A.B.R. *see* Adapa, R. 89177
Kumar, A.H. Palladium-catalyzed sintering of molybdenum paste applied to multilayer substrate fabrication 92823
Kumar, A.T.Arun *see* Arun Kumar, A.T.
Kumar, B., Oman, H. Power control for battery-electric bicycles 60554
Kumar, B., Roy, S.C.D. Design of efficient FIR digital differentiators of second and higher degrees by using universal weights 49545
Kumar, B. *see* Dutta Roy, S.C. 92386
Kumar, B.P., Branner, G.R. The far-field of a spherical array of point dipoles 57268
Kumar, B.S., Krishna, S.R.R., Prabhu, K.M.M. Implementation of fast Hartley transform on DSP chips 70641
Kumar, B.V.K.Vijaya *see* Vijaya Kumar, B.V.K.
Kumar, C.Muralikrishna *see* Muralikrishna Kumar, C.
Kumar, C.S.Prasanna *see* Prasanna Kumar, C.S.
Kumar, C.V.R.Vasant *see* Vasant Kumar, C.V.R.
Kumar, D., Erickson, B. ASOP: arithmetic sum-of-products generator 95422
Kumar, D., Klefsjo, B. Proportional hazards model: a review 61032
Kumar, D.J. *see* Mohan, C.S. 65530
Kumar, G. *see* Grossman, B. 52938
Kumar, G. *see* Grossman, B. 98058
Kumar, G.P., Babu, G.P. Optimal network partitioning for fault-tolerant network management using evolutionary programming 58053
Kumar, J., Sheble, G.B. Artificial neural network for economic pool dispatch 77999
Kumar, J. *see* Ayyagari, M. 87305
Kumar, J. *see* Chen, Z. 87304
Kumar, J. *see* Li, L. 56915
Kumar, J. *see* Samuelson, L.A. 66518
Kumar, K. *see* Huffaker, D.L. 72811
Kumar, K. *see* Lochan, R. 59669
Kumar, L., Sharma, S.M., Raju, R.S., Srivastava, V., Gupta, R.K., Sharma, S.K., Verma, R., Sinha, A.K., Kapoor, S., Gupta, S.S., Sharma, R.K., Agarwala, S.S.S., Joshi, S.N. Design and development of an S-band helix travelling wave tube 71052
Kumar, L.N., Bovopoulos, A.D. The 3-tier structured access protocol to control unfairness in DQDB MANs 85332
Kumar, L.N., Douligeris, C. An enhanced assessment protocol to support the dynamic bandwidth control capabilities in DQDB MANs 85834
Kumar, L.N., Douligeris, C., Develekos, G. Implementation of a decentralized Pareto optimal algorithm 74963
Kumar, M., Nath, A.K. Optimization study of an ultraviolet preionized TEA CO_2 laser 72673
Kumar, M.J., Roulston, D.J. Design tradeoffs for improved $V_{CE(sat)}$ versus I_C of bipolar transistors under forced gain conditions 49971
Kumar, M.J., Roulston, D.J. Base etched selfaligned transistor technology for advanced polyemitter bipolar transistors 55909
Kumar, M.J., Roulston, D.J. Optimum collector epi-thickness of advanced bipolar transistors for high speed and high current operation 81835
Kumar, M.J., Roulston, D.J. Application of polysilicon emitters to high voltage bipolar transistors for realizing high quasi-saturation current limits under forced gain conditions 93356
Kumar, M.R. *see* Sarin, S.S. 70882
Kumar, M.R.Pavan *see* Pavan Kumar, M.R.
Kumar, N., Misra, N., Gill, A.N. Simultaneous confidence intervals for all ratios to the best: the exponential distribution 61012
Kumar, N. *see* Dave, M.P. 77921
Kumar, N. *see* Dave, M.P. 77922
Kumar, N. *see* Dave, M.P. 77923
Kumar, N.D., Kamalasanan, M.N., Chandra, S. Metalorganic chemical vapor deposition technique for growing c-axis oriented ZnO thin films in atmospheric pressure air 79928
Kumar, P. *see* Engineer, M. 78289
Kumar, P. *see* Kutz, J.N. 94109
Kumar, P. *see* Ruo-Ding Li 52593
Kumar, P.Pavana *see* Pavana Kumar, P.
Kumar, P.R. *see* Lu, S.C.H. 79273
Kumar, P.S., Roy, S. Two-dimensional equalization: theory and applications to high density magnetic recording 50362
Kumar, P.Siva *see* Siva Kumar, P.
Kumar, P.V. *see* Boztas, S. 73708
Kumar, P.V. *see* Hammons, A.R., Jr. 73694
Kumar, P.V. *see* Kyeongcheol Yang 73729
Kumar, R. NCMOS: a high performance CMOS logic 55211
Kumar, R., Hanson, A.R. Robust methods for estimating pose and a sensitivity analysis 95882
Kumar, R. *see* Bhatnagar, A. 82639
Kumar, R. *see* Desai, V.R. 53962
Kumar, R. *see* Feldbusch, F. 80313
Kumar, R. *see* Krumpelt, M. 60444
Kumar, R. *see* Ohta, T. 55840
Kumar, R. *see* Schneider, K. 49336
Kumar, R. *see* Schneider, K. 55235
Kumar, R. *see* Tahar, S. 55310
Kumar, R. *see* Tahar, S. 92255
Kumar, R. *see* Udwadia, F.E. 54765
Kumar, R.S. *see* Balakrishnan, R. 48796
Kumar, S. Return analysis of commercial solar thermal devices 100783
Kumar, S., Agrawal, D.P. On design of a shared-buffer based ATM switch for broadband-ISDN 75090
Kumar, S., Arora, S.R. Implementing TQM in newspaper publishing 79441
Kumar, S., Bhalla, A.S., Cross, L.E. Smart ceramics for broadband vibration control 93805
Kumar, S., Bhalla, A.S., Cross, L.E. Smart ferroelectrics for acoustic and vibration control 93806
Kumar, S., Ranganathan, N., Goldgof, D. Parallel algorithms for circle detection in images 74582
Kumar, S., Selvarajan, A., Anand, G.V. Nonlinear copropagation of two optical pulses of different frequencies in birefringent fibers 56358
Kumar, S. *see* Aggarwal, K.K. 52150
Kumar, S. *see* Dixit, P.N. 50669
Kumar, S. *see* Ghaderi, M. 51497
Kumar, S. *see* Hibbs, A.D. 82395
Kumar, S. *see* Lee, S. 78775
Kumar, S. *see* Panicker, J. 86051
Kumar, S. *see* Prasad, R. 70184
Kumar, S. *see* Salt, J.E. 65610
Kumar, S. *see* Sharma, S.K. 88187
Kumar, S. *see* Singh, S. 72709
Kumar, S. *see* Vaman, D.R. 85251
Kumar, S. *see* Xiaomei Qian 58143
Kumar, S.P. *see* Somayajulu, Y.K. 88788
Kumar, T.Prem *see* Prem Kumar, T.
Kumar, T.R.V. *see* Kishore, P. 77404
Kumar, U., Huang, Y. Reliability analysis of a mine production system—a case study 60669
Kumar, V. A host interface architecture for HIPPI 58199
Kumar, V., Glicksman, J., Kramer, G.A. A SHAREd Web to support design teams 69521
Kumar, V. *see* Balasubramanian, S. 49890
Kumar, V. *see* Chen, X. 65098
Kumar, V. *see* Dutta, P.S. 69914
Kumar, V. *see* Dutta, P.S. 81526
Kumar, V. *see* Jain, V.K. 55635
Kumar, V. *see* Ouerfelli, M. 53476
Kumar, V.V., Gupta, H.M. Simulation and performance evaluation of fiber distributed data interface (FDDI) protocol for mixed media applications 57967
Kumar Anand, R., Dubnansky, A.M., Proudfoot, R. IPP to deliver 1020 MW of cogeneration 78459
Kumar Kuanr Bijoy *see* Bijoy Kumar Kuanr
Kumar Pal, P. *see* Datta, S.K. 90385
Kumar Satish *see* Satish Kumar
Kumaradas, J. *see* Sherar, M.D. 88532
Kumaresan, R., Ramalingam, C.S. Formant tones: weak components at formant frequencies actively generated in the vocal tract 84147
Kumaresan, R., Ramalingam, C.S. On separating voiced-speech into its components 95315
Kumaresan, R. *see* Hoefer, S. 84953
Kumaresan, R. *see* Hongya Ge 95541
Kumashiro, S. *see* Read, H.C. 50083
Kumazawa, H., Tomita, S. Progressive coding of color-quantized images 51659
Kumazawa, I. *see* Senmao Lin 50645
Kumazawa, I. *see* Senmao Lin 72513
Kumazawa, K. *see* Kimoto, K. 62214
Kumazawa, N., Fukushima, N., Fujiwara, T., Motoyama, K., Akui, N. A CMOS 3 V 24 mW 20MSPS 10 bit A/D converter with self calibration unit 70702
Kumazawa, R. *see* Mitsui, H. 76464
Kumazawa, T., Kato, M., Arima, I., Watanabe, T., Takagi, N. Study of mechanisms for DC component current evolving in XLPE cables with water trees 59946
Kumazoe, K. *see* Kawahara, K. 64961
Kumbartski, G. *see* Tesarek, R.J. 98504
Kumbhar, A.S. *see* Bhusari, D.M. 70071
Kume, H., Kato, M., Adachi, T., Tanaka, T., Sasaki, T., Okazaki, T., Miyamoto, N., Saeki, S., Ohji, Y., Ushiyama, M., Yugami, J., Morimoto, T., Nishida, T. A 1.28 μm^2 contactless memory cell technology for a 3 V-only 64 Mbit EEPROM 61738
Kume, H. *see* Nohtomi, A. 88210
Kume, H. *see* Nohtomi, A. 98608

Kume, H. *see* Shukuri, S. 70502
Kume, H. *see* Tanaka, T. 70525
Kume, M. *see* Nagai, H. 83002
Kume, M. *see* Takayama, T. 72911
Kume, M. *see* Takayama, T. 83041
Kume, M. *see* Tanaka, S. 70666
Kume, S. *see* Nishizawa, N. 94058
Kume, T., Itaya, E., Shinozaki, Y. Digital radio equipment for mobile base-station links 52351
Kume, T. *see* Iwabuchi, N. 68580
Kumeda, M. *see* Masuda, A. 92930
Kumekov, M.E. *see* Vasil'ev, V.A. 50667
Kumkar, M., Beck, T., Reng, N. 600 W Nd:YAG Q-switch laser with fibre beam delivery 63691
Kummel, A.C. *see* Sullivan, D.J.D. 71370
Kummel, R. *see* Groscurth, H.-M. 60041
Kummerow, C. TRMM rainfall algorithm development 77394
Kummerow, C., Giglio, L. A passive microwave technique for estimating rainfall and vertical structure information from space. I. Algorithm description 53537
Kummerow, C., Giglio, L. A passive microwave technique for estimating rainfall and vertical structure information from space. II. Applications to SSM/I data 53538
Kummert Agnes *see* Agnes Kummert
Kummetz, T. *see* Fricke, A. 71210
Kummrow, A. Interaction geometries of self pumped phase-conjugating SBS cells 73094
Kummrow, A. *see* Eichler, H.J. 73172
Kumoi, M. *see* Enokizono, M. 82287
Kumon, S. *see* Kinoshita, K. 52154
Kumozaki, K. A fiber-optic passive double star network for microcellular radio systems applications 75425
Kump, R.K. Why should the cement industry do anything with their PCB transformers? 60654
Kumpel, W., Wolff, I. Digital signal processing of time domain field simulation results using the system identification method 57162
Kumprasert, N., Kiranon, W. Simple and accurate formula for the resonant frequency of the equilateral triangular microstrip patch antenna 73504
Kumura, J. *see* Saito, A. 98122
Kun, A. *see* Bunda, V. 72206
Kun, S. *see* Walker, G.W. 67548
Kun, S. *see* Wei Wei 67545
Kun Chang Oh, Myung Sik Kim, Yong Moo Kwon, Myung Hwan Oh, Duck Jin Kim Design and implementation of driver circuit for AC TFEL flat panel display 70335
Kun Ji *see* Sawada, K. 71033
Kun Lim Tong *see* Tong Kun Lim
Kun Liu *see* Liu Kun
Kun Pan *see* Yu, F.T.S. 50588
Kun Park Jong *see* Park Jong Kun
Kun Qiu *see* Qiu Kun
Kun Tang *see* Jun Yang 95140
Kun Tang *see* Tang Kun
Kun Xu *see* Xu Kun
Kun-Chuan Lin, Chang, E.Y., Sheng-Ping Wang, Yeong-Lin Lai, Chun-Yen Chang TiWN Schottky contacts to n-$Ga_{0.51}In_{0.49}P$ 81338
Kun-Chuan Lin *see* Chang-Cherng Wu 79893
Kun-Chuan Lin *see* Janne-Wha Wu 69958
Kun-Hsi Li, Diaz, D.C., Yuesong He, Campbell, J.C., Chaochieh Tsai Electroluminescence from porous silicon with conducting polymer film contacts 56563
Kun-Li Wen, Wu, J.H. Using microcomputer in fault detection 55019
Kun-Lin Tan *see* Tan Kun-Lin
Kun-Luh Chen *see* Jyh-Kuang Lin 63013
Kun-Mu Chen, Jiming Song Author's reply to comments on "Propagation of EM pulses excited by electric dipole in a conducting medium" 73213
Kun-Mu Chen *see* Huei Wang 51033
Kun-Mu Chen *see* Ross, J.E. 83418
Kun-Mu Chen *see* Rothwell, E.J. 97371
Kun-Nen Chen *see* Ping-Tsung Wang 70403
Kun-Nyeong Chang *see* Sehun Kim 86204
Kun-Suk Kim, Ki-Jun Han A dynamic bandwidth allocation algorithm using a weighted average method for connectionless services in ATM networks 96904
Kun-Taek Lee *see* Jae-Duk Moon 82137
Kunaj, H. *see* Stanic, D. 89465
Kunath, C. *see* Pham, M.T. 66222
Kunaver, U. *see* Lienkamp, M. 91663
Kunda, D., Neudorf, E.G., Perris, N., Szeto, L.M., Krause, D.V. Electrical impact of a NUG under 5 MW rating when connected to a distribution feeder with various transformer connections 68112
Kunde, V. *see* Kramer, H. 88264
Kunder, G. *see* Termuehlen, H. 68466
Kundert, K.S. *see* Miguel Silveira, L. 94887
Kundig, A. Multimedia: Catchword or chance for telecommunications? 85482
Kundu, A., Chen, G.C., Persons, C.E. Transient sonar signal classification using hidden Markov models and neural nets 58504
Kundu, A. *see* Chen, J.-L. 84945
Kundu, A. *see* Chen, M.-Y. 84964
Kundu, A. *see* Chen, M.-Y. 96041
Kundu, M.K. *see* Bhandari, D. 51686
Kundu, N. *see* Borer, K. 53347
Kundu, N. *see* Shankar, K. 67374
Kundu, S. An incremental algorithm for identification of longest (shortest) paths 79623
Kundu, S. Multifault testable circuits based on binary parity diagrams 92042
Kunegin, S.V. Effectiveness criterion of an echo cancellation method and the configuration of an integrated echo canceller. Part 1 64166
Kunert, V. *see* Pietzsch, H. 68152
Kunesh, R.F., Mauer, J., Gow, C., Liehr, M., Cohen, S.L. Evaluating multifunction baths in semiconductor wet-processing equipment 62374
Kung, A.H. Narrowband mid-infrared generation using $KTiOAsO_4$ 73101
Kung, C.Y. *see* Stevens, R.E. 83222
Kung, D. *see* Hsia, P. 52274
Kung, F.H. *see* Sanghera, J.S. 63419
Kung, F.H. *see* Sanghera, J.S. 98029
Kung, H.F. *see* Lingxiong Shao 67467
Kung, J.H. *see* Kuo, L.C. 100652
Kung, P., Hung-chi Lihn, Weidemann, H., Bocek, D. Generation and measurement of 50-fs (rms) electron pulses 81122
Kung, P., Sun, C.J., Saxler, A., Ohsato, H., Razeghi, M. Crystallography of epitaxial growth of wurtzite-type thin films on sapphire substrates 54876
Kung, P. *see* Sun, C.J. 48948
Kung, P. *see* Sun, C.J. 69976
Kung, P.H., Hung-chi Lihn, Wiedemann, H., Bocek, D. High-intensity coherent FIR radiation from sub-picosecond electron bunches 83192
Kung, R., Maitre, X. Architecture of the intelligent network 96847
Kung, R. *see* Stefani, J.-B. 96851
Kung, S.Y., Diamantaras, K.I., Taur, J.S. Adaptive Principal component EXtraction (APEX) and applications 64437
Kung, S.Y. *see* Taur, J.S. 67591
Kung, S.Y. *see* Taur, J.S. 70809
Kung, W., Nathan, A. Effects of offsets on low-frequency noise behavior in bipolar magnetotransistors 52787
Kung, Y.S., Ouyang, M., Liaw, C.M. Adaptive speed control for induction motor drives using neural networks 90563
Kung Chen-Pin *see* Chen-Pin Kung
Kung Ling-Yang *see* Ling-Yang Kung
Kung Wang, Singh, J., Pavlidis, D. Theoretical study of GaN growth: a Monte Carlo approach 91427
Kung Ying-Shieh *see* Ying-Shieh Kung
Kung-Hung Kuo *see* Jen-Dau Lin 76014
Kung-Hung Kuo *see* Jen-Dau Lin 98039
Kunieda, H. *see* Zhaochen Huang 64884
Kunieda, M. *see* Saga, S. 87505
Kunihisa, T., Yokoyama, T., Fujimoto, H., Ishida, K., Takehara, H., Ishikawa, O. High efficiency, low adjacent channel leakage GaAs power MMIC for digital cordless telephone 80783
Kunii, T. *see* Arahira, S. 63824
Kunii, T. *see* Katoh, Y. 72924
Kunii, Y. *see* Ugajin, M. 49972
Kunikiyo, T. *see* Abramo, A. 81195
Kunimitsu, M. *see* Tomigashi, Y. 49711
Kunimori, H., Otsubo, T., Engelkemier, B., Yoshino, T., Greene, B. Timing stability of active Q-switched mode-locked laser for synchronous laser ranging network 98319
Kunimori, H. *see* Yoshino, T. 97752
Kunin, D.G. *see* Ganeev, R.A. 53356
Kunio, T. *see* Fukase, T. 62552
Kunio, T. *see* Hamada, T. 61733
Kunio, T. *see* Horiuchi, T. 71421
Kunio, T. *see* Shibahara, K. 63017
Kunio, T. *see* Takeuchi, K. 93621
Kunio, T. *see* Togo, M. 71701
Kunio, T. *see* Uwasawa, K. 93421
Kunioka, A. *see* Nakada, T. 61352
Kunioka, A. *see* Nakada, T. 100456
Kunioka, A. *see* Nakada, T. 100655
Kunioka, T., Shimazo, N. A measuring method for chucking and release time in an electrostatic chuck 79046
Kunioka, T. *see* Shimazu, N. 81737
Kunita, M. *see* Kohsaka, N. 67425
Kuniya, Y. *see* Yagi, I. 79887
Kuniyoshi, M. *see* Shinohara, H. 100017
Kuniyoshi, M. *see* Yuyama, S. 100022
Kuniyoshi, S., Komoriya, S., Sekiguchi, K., Katoo, T. Stepper stability improvement by a perfect self-calibration system 71535
Kuniyoshi, S. *see* Lee, J.-S. 62244
Kunkel, G., Bode, M., Wang, F., Faley, M.I., Siegel, M., Zander, W., Schubert, J., Poppe, U., Braginski, A.I. Comparison of Josephson radiation properties of different $YBa_2Cu_3O_7$-thin film junctions 93938
Kunkel, G., Bode, M., Wang, F., Siegel, M., Zander, W., Schubert, J., Braginski, A.I. Analysis of Josephson radiation from $YBa_2Cu_3O_7$ thin-film Josephson junctions 56254
Kunkel, G. *see* Herrmann, K. 93937
Kunkel, S.H., Peck, W.M. Predicting thermal contact resistance in circuit card assemblies 92705
Kunkel, W. *see* Cremer, C. 86019
Kunkel, W.B. *see* Young, A.T. 76304
Kunlun Zhu *see* Zhu Kunlun
Kunne, R.A. *see* Martin, A. 67356
Kuno, H.J., Wen, C.P. *(editors)* 1994 IEEE MTT-S International Microwave Symposium Digest (Cat. No.94CH3389-4) 79115
Kuno, T. *see* Sugiura, H. 52693
Kuno, Y. *see* Kierstead, J.A. 59085
Kunori, U. *see* Ohi, M. 70507
Kunori, Y. *see* Kobayashi, S. 49425
Kunori, Y. *see* Kobayashi, S. 70561
Kunori, Y. *see* Onoda, H. 61726
Kunori, Y. *see* Onoda, H. 92203
Kunsheng Lu *see* Lu Kunsheng
Kunsler, W., Hanowski, K., Klottschen, F., Koch, H., Poppe, E. Open communication in mining 96760
Kunsong Huang, Dinming Lam, Hansen Yee Neural-net based critical clearing time prediction in power system transient stability analysis 59689
Kunt, M. *see* Wei Li 74336
Kuntman, H. *see* Cicekoglu, O. 61587
Kuntsevich, P.A., Prokhorova, G.A. The use of batch-production asynchronous machines as generators 89991
Kuntz, F. *see* Strasser, A. 59025
Kuntz, F. *see* Strasser, A. 76720
Kuntz, L., Scholtes, S. A nonsmooth variant of the Mangasarian-Fromovitz constraint qualification 69763
Kuntz, M. *see* Illy, S. 87667
Kuntz, W., Spale, J. Extremely fast logic circuits 80298
Kuntze, R. *see* David, R. 53105
Kuntze, T. *see* Baur, H. 60134
Kuntzky, H.-H. *see* Nelissen, G.T.M. 89684
Kunugi, M. *see* Yamaguchi, T. 99045
Kunz, C. *see* Mentz, E. 94670
Kunz, R.E. *see* Baraldi, L. 50540
Kunz, R.E. *see* Zappe, H.P. 58736
Kunz, R.E. *see* Zappe, H.P. 97948
Kunz, R.R., Allen, R.D. Materials evaluation of antireflective coatings for single-layer 193-nm lithography 81649
Kunz, R.R., Horn, M.W., Bloomstein, T.M., Ehrlich, D.J. Applications of lasers in microelectronics and micromechanics 73183
Kunz, S., Schwab, A. Spatial field distributions in absorber chambers and TEM cells 94856
Kunz, T.D. *see* Stetina, F. 77307
Kunz, U. *see* Kern, A. 90501
Kunz, U. *see* Kern, A. 90524
Kunz, W., Pradhan, D.K. Recursive learning: a new implication technique for efficient solutions to CAD problems—test, verification, and optimization 80054
Kunze, D., Pforr, R. Bleachable dyed resist-investigation of its process latitude in comparison with standard resists 62605
Kunze, D., Weissenberg, W. Endurance testing of cross-linked polythene insulated (VPE) cables with varying switching voltages 59941
Kunze, R. *see* Martin, G. 71912
Kunze, R. *see* Martin, G. 93817
Kunzel, H., Bach, H.-G., Bottcher, J., Hase, A. Development of advanced GaInAs/AlInAs δ-doped SQW-HEMT structures 56023
Kunzel, H., Bach, H.-G., Bottcher, J., Heedt, C. Improved inverted AlInGa/GaInAs two-dimensional electron gas structures for high quality pseudomorphic double heterojunction AlInAs/GaInAs high electron mobility transistor devices 93507
Kunzel, H. *see* Auer, U. 56043
Kunzel, H. *see* Hase, A. 56790
Kunzel, H. *see* Hase, A. 79794
Kunzel, H. *see* Hase, A. 81506
Kunzel, M. *see* Kraak, W. 71162
Kunzmann, A. Test pattern generation hardware motivated by pseudo-exhaustive test techniques 92002
Kunzmann, A., Boehland, F. Self-test of sequential circuits with deterministic test pattern sequence 80295
Kunzmann, A., Bohland, F. Gate-delay fault test with conventional scan-design 49331
Kuo, B.N. *see* Abbott, W.L. 92396
Kuo, C., Terada, Y. Flash EEPROM: a challenger to DRAM 70523
Kuo, C.-C., Jean, F.-R., Wang, H.-C. Speech classification embedded in adaptive codebook search for CELP coding 73867
Kuo, C.-C. *see* Dhir, K.S. 60867
Kuo, C.-C.J. *see* Chun-Hsiung Chuan 64667
Kuo, C.-C.J. *see* Chun-Hsiung Chuang 57848
Kuo, C.-C.J. *see* Haddadi, N. 64691
Kuo, C.-C.J. *see* Hsu, C.-H. 85108
Kuo, C.-C.J. *see* Kaplan, L.M. 84404
Kuo, C.-C.J. *see* Kwo-Jyr Wong 64677
Kuo, C.-C.J. *see* Xia, X.-G. 57592
Kuo, C.-C.J. *see* Xiang-Gen Xia 74208
Kuo, C.-C.Jay *see* Jay Kuo, C.-C.
Kuo, C.-M., Hsieh, C.-H., Lin, H.-C., Lu, P.-C. Motion estimation algorithm with Kalman filter 74559
Kuo, C.C., Staelin, D.H., Rosenkranz, P.W. Statistical iterative scheme for estimating atmospheric relative humidity profiles 77400
Kuo, C.C. *see* Chang, H.P. 76581
Kuo, C.C. *see* Liu, Y.C. 67244
Kuo, C.C. *see* Song, P.S. 87799

Kuo, C.H., Anand, S., Droopad, R., Choi, K.Y., Maracas, G.N. Measurement of GaAs temperature-dependent optical constants by spectroscopic ellipsometry 55570
Kuo, C.H. *see* Droopad, R. 54913
Kuo, C.H. *see* Hsu, K.T. 76555
Kuo, C.J. Theoretical analysis for the nonlinear frequency-selective joint-transform correlator 95740
Kuo, C.J., Hsu, Y.F. Performance comparison of quantization efficiency 95671
Kuo, C.K., Lin, C.H., Leu, J.H. Noise reduction and concealment for block encoded images 84917
Kuo, C.P. *see* Kish, F.A. 56567
Kuo, C.S., Wakim, F.G., Sengupta, S.K., Tripathy, S.K. Schottky and metal-insulator-semiconductor diodes using poly(3-hexylthiophene) 62652
Kuo, E.Y.T. The perturbation characterization of reverberation from a wind-generated bubbly ocean surface. I. Theory and a comparison of backscattering strength predictions with data 88806
Kuo, G.S. A generalized framework for HDTV-based multimedia transmission on future BISDN. III 96688
Kuo, H.-C., Wei, C.-H. Sequential decoding of convolutional codes by a compressed multiple queue algorithm 83924
Kuo, H.C. *see* Shen, H. 72441
Kuo, H.C. *see* Shen, H. 94183
Kuo, J.-M. *see* Chan, Y.J. 62898
Kuo, J.B., Chen, S.S., Chiang, C.S., Su, K.W., Lou, J.H. A 1.5 V BiCMOS dynamic logic circuit using a "BiPMOS pull-down" structure for VLSI implementation of full adders 49363
Kuo, J.B., Chiang, C.S. Turn-on transient analysis of a power IGBT with an inductive load in series with a resistive load 62768
Kuo, J.B., Lu, T.C. A fully analytical partitioned-charge-based model for linearly-graded SiGe-base heterojunction bipolar transistors 55899
Kuo, J.B., Tang, M.C., Sim, J.H. An analytical back gate bias dependent threshold voltage model for SiGe-channel ultra-thin SOI PMOS devices 93464
Kuo, J.B. *see* Chen, S.S. 71651
Kuo, J.B. *see* Huang, H.J. 55240
Kuo, J.B. *see* Liu, C.M. 62792
Kuo, J.B. *see* Shiao-Shien Chen 62744
Kuo, J.B. *see* Shiao-Shien Chen 71728
Kuo, J.H. *see* Chen, Y.C. 96555
Kuo, J.L. *see* Liu, C.T. 78654
Kuo, K.T. *see* Hsieh, I.J. 61337
Kuo, L.C., Shei, C.Y., Hsu, W.Y., Tsai, Y.T., Kung, J.H. The effect of sintering conditions on screen-printed CdS films 100652
Kuo, L.H., Salamanca-Riba, L., Wu, B.J., DePuydt, J.M., Guha, S., Huagen, G.M. Structural and interfacial studies on $Zn_{1-x}Mg_xS_ySe_{1-y}$-ZnSe buffer layer-GaAs heterostructures 92957
Kuo, S.-s., Agazzi, O.E. Machine vision for keyword spotting using pseudo 2D hidden Markov models 84960
Kuo, S.-S. *see* Agazzi, O.E. 57632
Kuo, S.-S. *see* Agazzi, O.E. 84966
Kuo, S.M., Chuang, H., Mallela, P.P. TMS320C31-based integrated hands-free cellular phone, active noise control and audio system 75131
Kuo, S.M., Ji, M.J. Principle and application of adaptive noise equalizer 84200
Kuo, S.M., Vijayan, D. Adaptive algorithms and experimental verification of feedback active noise control systems 51517
Kuo, S.M., Vijayan, D. Feedback active noise control systems 74124
Kuo, S.M., Zhibing Pan Development and analysis of distributed acoustic echo cancellation microphone system 66086
Kuo, S.M. *see* Ji, M.J. 77764
Kuo, S.P. *see* Ho, A.Y. 83658
Kuo, S.P. *see* Ho, A.Y. 95414
Kuo, S.P. *see* Huang, J. 83676
Kuo, S.P. *see* Lee, M.C. 83677
Kuo, T. *see* Dutto, G. 53189
Kuo, T. *see* Laxdal, R.E. 66951
Kuo, T.H. *see* Huang, C.Y. 62658
Kuo, T.T.Y., Hendry, G.O. Performance of H^-/D^- cyclotron using internal source 76305
Kuo, W. *see* Hewer, G. 58965
Kuo, W. *see* Kenney, C. 57839
Kuo, Y.-H. *see* Yang, W.-P. 61459
Kuo Cheng-Chien *see* Cheng-Chien Kuo
Kuo Chia-Hsu *see* Chia-Hsu Kuo
Kuo Dah-Chih *see* Dah-Chih Kuo
Kuo Di-Son *see* Di-Son Kuo
Kuo Geng-Sheng *see* Geng-Sheng Kuo
Kuo Han-Ching *see* Han-Ching Kuo
Kuo Hsing-Hung *see* Hsing-Hung Kuo
Kuo Hua Wang, Ting Ting Hwang, Cheng Chen Technology mapping for FPGA using generalized functional decomposition 80250
Kuo Hua Wang *see* Ting-Ting Hwang 80276
Kuo Jen-Tsai *see* Jen-Tsai Kuo
Kuo Jih-Wen *see* Jih-Wen Kuo
Kuo Kang-Min *see* Kang-Min Kuo
Kuo Kung-Hung *see* Kung-Hung Kuo
Kuo Kwo-Sen *see* Kwo-Sen Kuo
Kuo Lee-Ching *see* Lee-Ching Kuo
Kuo Mei-Shong *see* Mei-Shong Kuo
Kuo Nai-Ping *see* Nai-Ping Kuo
Kuo Nan-Jung *see* Nan-Jung Kuo
Kuo Shyh-Shiaw *see* Shyh-Shiaw Kuo
Kuo Te-Son *see* Te-Son Kuo
Kuo Yang Chien *see* Chien Kuo Yang
Kuo Yen-Kuang *see* Yen-Kuang Kuo
Kuo Yuwen *see* Yuwen Kuo
Kuo-Bin Li *see* Jow-Lay Huang 80885
Kuo-Chang Fu *see* Ming Ouhyoung 58093
Kuo-Chin Fan *see* Chin-Chuan Han 51549
Kuo-Chin Fan *see* Chin-Chuan Han 95896
Kuo-Chin Fan *see* Jinn-Der Wang 100156
Kuo-Ching Liu *see* Yung-Ho Chuang 62575
Kuo-Chuan Ho, Rukavina, T.G., Greenberg, C.B. Tungsten oxide-Prussian blue electrochromic system based on a proton-conducting polymer electrolyte 72447
Kuo-Chun Lee, Li, V.O.K. Routing for all-optical networks using wavelengths outside erbium-doped fiber amplifier bandwidth 65093
Kuo-Chun Lee, Li, V.O.K. A circuit rerouting algorithm for all-optical wide-area networks 65290
Kuo-Don Hong *see* Yao-Tsung Tsai 55551
Kuo-Feng Liao, Sarrafzadeh, M. Correction to "Boundary single-layer routing with movable terminals" 49047
Kuo-Feng Liao *see* Jun Dong Cho 48703
Kuo-Hua Lee *see* Gung-Huei Chou 89528
Kuo-Hua Wang, Wen-Sing Wang, Hwang, T.T., Wu, A.C.H., Youn-Long Lin State assignment for power and area minimization 92035
Kuo-Liang Chen *see* Yau-Huei Chen 62682
Kuo-Tung Chang *see* Sharma, U. 70620
Kuo-Tung Hsu *see* Yau-Huei Chen 62682
Kuo-Wei Liu, Anwar, A.F.M., Kesan, V.P. An analytical model of current-voltage characteristics and DC small-signal parameters for $Si/Si_{1-x}Ge_x$ FETs 56008
Kuo-Wei-Liu *see* Anwar, A.F.M. 62866
Kuochen Wang, Jenn-Wei Lin Integrated diagnosis and reconfiguration process for defect tolerant WSI processor arrays 49458
Kuochen Wang, Wang-Dauh Tseng Diagnosable designs and diagnostic strategies of large area VLSI/WSI arrays 80256
Kuok-Mee Ling *see* Thomas, V.A. 83816
Kuoping Wang, Lurong Guo, Qirui Chen, Chaoming Dai, Jianhua Zhu, Ping Xu Red sensitivity of dichromated cellulose triacetate as a holographic recording material 83349
Kuosmanen, P. Statistical analysis and optimization of stack filters 80470
Kuosmanen, P., Koivisto, P., Huttunen, H., Astola, J. Optimal soft morphological filtering under shape preservation criteria 85102
Kuosmanen, P. *see* Huttunen, H. 85101
Kuosmanen, P. *see* Koivisto, P. 64626
Kupchan, Ya.M. *see* Kirillov, A.A. 69253
Kuper, F.G. *see* Verhaege, K. 82011
Kuperberg, G. Symmetries of plane partitions and the permanent-determinant method 91280
Kuperman, G.G. Operator interface for a multisensor target acquisition system 88913
Kuperman, G.G., Friedman, A.D. Prototyping for multisensor integration 88696
Kuperman, G.G., Penrod, T.D. Evaluation of compressed synthetic aperture radar imagery 86568
Kuperus, J.H. *see* Drane, W.E. 98765
Kupfer, M. *see* Bosshard, C. 50927
Kupfer, R. *see* Dimaczek, G. 98374
Kupfernagel, B. *see* Henning, B. 67926
Kuphal, E. Phase diagram and LPE growth of strongly Sn- and Te-doped InGaAs 91471
Kupiec, M., DG III Situation regarding the transposition of the EMC directive into national laws competent and notified bodies 51133
Kuppens, S.J.M., van Exter, M.P., Woerdman, J.P. Quantum-limited linewidth of a bad-cavity laser 63671
Kuprenyuk, V.I. *see* Vysotina, N.V. 83246
Kupriyanov, A.S. *see* Belchenko, Yu.I. 53185
Kupriyanov, M.Yu. *see* Devyatov, I.A. 63323
Kuptsov, I. *see* Arbuzov, V. 67173
Kura, A. *see* Bartusek, K. 66648
Kurabayashi, H. *see* Okada, H. 82732
Kurachi, I., Fukuda, Y., Miura, N., Ichikawa, F. Analysis of soft breakdown failure with ESD on output buffer nMOSFETs and its improvement 55992
Kurachi, I., Nam Hwang, Forbes, L. Physical model of drain conductance, g_d, degradation of NMOSFET's due to interface state generation by hot carrier injection 62793
Kurachi, I., Yan, K.T., Forbes, L. Reliability considerations of hot-carrier induced degradation in analogue nMOSFET amplifier 80152
Kurachi, M., Okabe, J., Kameyama, J., Yamanaka, M. "City-multi" air conditioners for building use 79021
Kurachi, M. *see* Hisamori, Y. 79023
Kuraev, M.N. *see* Podobedov, E.G. 69155
Kuragaki, T. *see* Shimura, T. 92529
Kurahashi, M. *see* Bisaka, Y. 96747
Kurahashi, Y. *see* Lee, S.W. 51424
Kurakado, M. *see* Matsumura, A. 98720
Kurakake, H., Uchida, T., Kubota, S., Soda, H., Yamazaki, S. The performances of $(InAs)_1/(GaAs)_2$ short-period superlattice strained single-quantum-well laser on GaAs substrate 63830
Kurakake, H. *see* Shoji, H. 94504
Kurakake, H. *see* Uchida, T. 50848
Kurakake, S. *see* Yamato, J. 95735
Kurakake, T. *see* Hotate, K. 76039
Kurakin, V.G. High current racetrack microtron as a free electron laser driver 50885
Kuramitsu, Y., Umezawa, K., Tsuzuki, H., Yoshikawa, M. Development of the LCM by precise resin molding technology 79337
Kuramochi, T. *see* Fukuda, H. 61723
Kuramoto, R. *see* Jensen, K. 68750
Kuramoto, S. *see* Sato, M. 53018
Kurano, M., Kawai, M. Existence of optimal stationary policies in discounted Markov decision processes: approaches by occupation measures 48761
Kurano, M. *see* Yoshida, Y. 79625
Kurano, T., Shirozu, Y., Murakami, K., Yamaguchi, M., Akashi, F. Giga-bit ATM cross-connect system with STM-ATM conversion function 86007
Kuranouchi, S., Nakazawa, T., Ashida, A., Yamamoto, N. Cadmium sulfide thin films prepared by chemical bath deposition method 91548
Kuranov, Y.V. *see* Kalinichev, V.I. 57229
Kurasawa, T. *see* Noda, Y. 61225
Kurashige, H., Nakamura, T.T., Taniguchi, T., Ohshka, T.K., Nomachi, M. A new data acquisition system adopting pipelined scheme for TKO BOX 98665
Kurashige, M. Recent progress of optical neural network technologies for image processing 72518
Kurashima, T. *see* Shimizu, K. 63418
Kurashima, Y. *see* Tsukamoto, H. 61755
Kurashina, S. *see* Nakagawa, K. 72064
Kurashov, V.N. *see* Chumakov, A.G. 64618
Kurashov, V.N. *see* Chumakov, A.G. 64619
Kurashov, V.N. *see* Kisil, A.V. 63504
Kurata, E. *see* Toyoda, T. 61466
Kurata, H., Shirakawa, K., Nakazima, O., Murakami, K. Study of thin film micro transformer with high operating frequency and coupling coefficient 49688
Kurata, M., Kato, S., Kumagai, A., Kurita, K., Miake, Y., Sato, S., Tomizawa, K., Ueno-Hayashi, S., Yagi, K., Nagamiya, S., Nayak, T.K., Vossnack, O., Xihong Yang, Wenlong Zhan Study of timing degradation and light attenuation in long plastic scintillation rods for time-of-flight counters in relativistic heavy ion experiments 98524
Kurata, M., Kiyonaga, C., Senzai, T., Nakata, I., Haikawa, Y., Nishida, S. Development of digital compact cassette system 66091
Kurata, Y. *see* Yoshida, Y. 83343
Kuratani, N. *see* Nakata, J. 91408
Kurauchi, S. *see* Matsumoto, T. 96426
Kurayaev, N.A. *see* Kurayev, A.A. 49750
Kurayev, A.A., Kurayaev, N.A., Paramonov, B.M., Sinitsyn, A.K. Traveling-wave tube with spiral electron beam and a contoured magnetic field 49750
Kurazono, S. *see* Hira, M. 72214
Kurazono, S. *see* Kitamura, T. 51200
Kurazono, S. *see* Kitamura, T. 80738
Kurazono, S. *see* Kitamura, T. 83749
Kurbanov, S.M. *see* Bikmatov, R.R. 58630
Kurbanov, S.S. *see* Kasymdzhanov, M.A. 82577
Kurbatova, N.V. *see* Getman, I.P. 77749
Kurdahi, F.J. *see* Ohm, S.Y. 91819
Kurdahi, F.J. *see* Ramachandran, C. 49230
Kurdahi, F.J. *see* Sreenivasa Rao, D. 55068
Kurdahi, J. *see* Chen, Y. 49270
Kurdak, C., Tsui, D.C., Parihar, S., Manoharan, H., Lyon, S.A., Shayegan, M. A new resonant tunneling transistor fabricated by cleaved edge overgrowth 62890
Kurdoghlian, A. *see* Lam, F. 80752
Kurdoghlian, A. *see* Matloubian, M. 61935
Kure, O., Moldeklev, K. An ATM network interface for an SCI-based system 85753
Kure, O., Sorteberg, I., Floisbonn, R., Ormhaug, T. Interworking in Norwegian testbeds 58179
Kure, T. *see* Kawahara, T. 61709
Kure, T. *see* Kawahara, T. 80322
Kure, T. *see* Shukuri, S. 61713
Kure, T. *see* Shukuri, S. 61739
Kure, T. *see* Shukuri, S. 70502
Kure, T. *see* Tamaki, Y. 49975
Kure, T. *see* Tamaki, Y. 81820
Kure, T. *see* Wada, Y. 55573
Kure, T. *see* Yamanaka, T. 70510
Kurebayashi, H. *see* Fujita, H. 68098
Kurebayashi, H. *see* Verma, S.C. 68011
Kurematsu, A. Perspective view of intelligent speech communications 51428
Kurematsu, A. *see* Nagai, A. 73865
Kurennoy, S.S. On coupling impedances of pumping holes 87720
Kurennoy, S.S. Using a ceramic chamber in kicker magnets 87721
Kurfess, J.D. *see* Kroeger, R.A. 88035
Kurfess, T. *see* Chen, R.W. 79241
Kurganov, A.R. *see* Desourdis, R.I., Jr. 75384
Kuri, J., Kumar, A. On the optimal allocation of customers that must depart in sequence 79540

Kuri, T. *see* Kashiki, K. 58357
Kuriakose, A.K. *see* Ahmad, A. 56144
Kuribara, M. Spent fuel burnup estimation by Cerenkov glow intensity measurement 88132
Kuribayashi, K., Oe, N., Shimizu, S., Taniguchi, T. Micro force sensor using strain gauge for articulated robot hand 98318
Kuribayashi, K., Shimizu, S., Horikawa, M., Taniguchi, T. Development of capacitance type micro encoder 97957
Kuribayashi, M. *see* Kaihara, S. 60950
Kuribayashi, S., Noda, O., Kondo, M., Imatake, S., Matsuda, K., Sato, S., Takahashi, K., Shimamoto, K. Development of a high power CO laser-performance characteristics of a 20 kW CO laser 82952
Kurihara, I. *see* Horii, T. 60223
Kurihara, J. *see* Osaki, H. 75761
Kurihara, K., Numai, T., Yoshikawa, T., Kosaka, H., Sugimoto, M., Sugimoto, Y., Kasahara, K. Uniformity improvement of optical and electrical characteristics in integrated vertical-to-surface transmission electro-photonic device with a vertical cavity 56579
Kurihara, K., Wakui, G., Kubota, T. Analysis of load characteristics of permanent magnet synchronous motors considering effects of space harmonics 60191
Kurihara, K., Wakui, G., Kubota, T. Transient performance analysis of permanent magnet synchronous motors using the finite element method: no load current obtained from starting analysis 68576
Kurihara, K., Wakui, G., Kubota, T. Steady-state performance analysis of permanent magnet synchronous motors including space harmonics 78590
Kurihara, K. *see* Kosaka, H. 50826
Kurihara, K. *see* Nagata, T. 76062
Kurihara, M. *see* Ishikura, K. 54869
Kurihara, N. *see* Oka, S. 86784
Kurihara, N. *see* Tomura, M. 74868
Kurihara, S. Multimedia application services 96397
Kurihara, S. *see* Murata, S. 86810
Kurihara, T. *see* Asobe, M. 56908
Kurihara, T. *see* Ooba, N. 73122
Kurihara, Y., Hosokawa, T., Saitoh, R. Influence of oxidation in an evaporated multilayer on adhesion properties of Sn-Sb solder 79978
Kurihara, Y. *see* Osawa, H. 63214
Kuriki, M., Uehira, K., Arai, H. An eye-contact technique using a blazed half-transparent mirror 85962
Kuriki, M. *see* Masuda, K. 67337
Kuriki, M. *see* Shiwa, S. 75769
Kuriki, S., Takahashi, C. Development of GSM cellular portable telephones 86085
Kuriki, S. *see* Suzuki, D. 93960
Kurilin, A.S. *see* Butenko, V.A. 53317
Kurilko, V.I. *see* Berezin, A.K. 92466
Kurilko, V.I. *see* Ivanov, G.M. 76290
Kurimo, M. Corrective tuning by applying LVQ for continuous density and semi-continuous Markov models 95359
Kurimoto, K., Yamashita, K., Miyanaga, I., Hori, A., Odanaka, S. An electrothermal circuit simulation using an equivalent thermal network for electrostatic discharge (ESD) 71564
Kurimura, S., Uesu, Y. Proposal of a modulator-integrated structure in quasi-phase-matched second harmonic generation 94164
Kurinec, S. *see* Fuller, L.F. 54384
Kurino, H., Hashimoto, H., Hiruma, Y., Fujimori, T., Koyanagi, M. Photon emission from 70 nm gate length MOSFETs 62857
Kurino, H. *see* Koyanagi, M. 62830
Kurino, T. *see* Uchida, H.H. 91573
Kurisaki, Y. Political challenges to globalisation of public telecommunications operators 96314
Kurishima, K., Nakajima, H., Kobayashi, T., Matsuoka, Y., Ishibashi, T. Fabrication and characterization of high-performance InP/InGaAs double-heterojunction bipolar transistors 81816
Kurishima, K. *see* Kobayashi, T. 61387
Kurishima, K. *see* Kobayashi, T. 91458
Kurishima, K. *see* Matsuoka, Y. 55928
Kurisu, M. *see* Takemura, H. 50076
Kurita, H. *see* Ikeda, E. 60480
Kurita, H. *see* Kohiro, K. 55696
Kurita, H. *see* Takamoto, T. 100444
Kurita, K. *see* Kurata, M. 98524
Kurita, K. *see* Niwano, M. 81478
Kurita, T. Camera and display characteristics for Hi-Vision double-rate scanning systems and their picture quality 86718
Kurita, T., Asoh, H., Otsu, N. Nonlinear discriminant features constructed by using outputs of multilayer perceptron 96097
Kurita, T., Iai, S., Kitawaki, N. Effects of transmission delay in audiovisual communication 96829
Kurita, T., Sekita, I., Otsu, N. Invariant distance measures for planar shapes based on complex autoregressive model 64741
Kurita, T. *see* Iai, S. 74802
Kurita, T. *see* Iba, H. 54716
Kurita, T. *see* Sekita, I. 95935
Kurita, T. *see* Tanaka, M. 85135
Kurita, Y. *see* Endo, S. 83574
Kurita, Y. *see* Kato, K. 83573
Kuritnyk, I.P. Investigation of new materials for high-temperature sensors 58706
Kuritsin, A.A. *see* Demortier, L. 59090
Kuriyagawa, S. *see* Willett, D. 100509
Kuriyama, H., Nohda, T., Aya, Y., Kuwahara, T., Wakisaka, K., Kiyama, S., Tsuda, S. Comprehensive study of lateral grain growth in poly-Si films by excimer laser annealing and its application to thin film transistors 92918
Kuriyama, H. *see* Ishida, M. 70483
Kuriyama, H. *see* Ishigaki, Y. 71826
Kuriyama, H. *see* Maeda, S. 70484
Kuriyama, H. *see* Noguchi, S. 71629
Kuriyama, H. *see* Sakamoto, O. 70509
Kuriyama, K., Tomizawa, K., Uematsu, S., Takahashi, W. Thermally stimulated current related to Cu antisite-vacancy complex defects in Cu-diffused semi-insulating GaAs 71114
Kuriyama, M. *see* Atsumi, S. 49426
Kuriyama, M. *see* Umezawa, A. 70562
Kuriyama, N. *see* Sakai, T. 78798
Kuriyama, T., Nitta, A., Kanai, Y., Oki, N., Nojima, T., Saito, S. New structured metal-in-gap head for high density and high transfer rate recordings 50266
Kuriyama, T., Urata, M., Yazawa, T., Yamamoto, K., Ohtani, Y., Koyanagi, K., Masegi, T., Yamada, Y., Nomura, S., Maeda, H., Nakagome, H., Horigami, O. Cryocooler directly cooled 6 T NbTi superconducting magnet system with 180 mm room temperature bore 94009
Kuriyama, T. *see* Ito, N. 67446
Kuriyama, T. *see* Saito, A. 98122
Kuriyama, T. *see* Yamada, K. 66243
Kuriyama, T. *see* Yamada, K. 87144
Kuriyama, Y. *see* Akagi, J. 97326
Kuriyama, Y. *see* Mori, M. 56055
Kuriyama, Y. *see* Shimazu, N. 81737
Kurkin, G. *see* Arbuzov, V. 67173
Kurkjian, C.R. *see* Rondinella, V.V. 72321
Kurkov, A.S. *see* Dianov, E.M. 94080
Kurkov, A.S. *see* Schell, P. 94510
Kurland, R.M. *see* Stella, P.M. 99099
Kurmyshev, N.V. *see* Emelyanov, G.M. 62948
Kurner, T., Becker, T., Cichon, D.J., Wiesbeck, W. BER prediction for GSM-systems using digital terrain data 52394
Kurner, T., Cichon, D.J., Becker, T., Wiesbeck, W. Wave propagation models for mobile communication systems: a survey 52391
Kurner, Th. *see* Becker, T.C. 52676
Kurnia, A., Cherradi, H., Divan, D. Impact of IGBT behavior on design optimization of soft switching inverter topologies 68718
Kurnosov, A.K. *see* Napartovich, A.P. 82935
Kurnosov, N.M., Pevzner, V.V., Ulanov, A.G., Yakhin, E.A. The Kvint software-hardware system 89136
Kurobe, A., Castleton, I.M., Linfield, E.H., Grimshaw, M.P., Brown, K.M., Ritchie, D.A., Jones, G.A.C., Pepper, M. Transport properties of a wide-quantum-well velocity modulation transistor structure 81969
Kurobe, A., Castleton, I.M., Linfield, E.H., Grimshaw, M.P., Brown, K.M., Ritchie, D.A., Pepper, M., Jones, G.A.C. Resonant resistance enhancement in double-quantum-well GaAs-$Al_xGa_{1-x}As$ heterostructures 92994
Kurochkin, I.A. *see* Lapitsky, S.N. 76561
Kuroda, A., Nishimura, M. Large-vocabulary speech recognition on a general-purpose speech processing card 95273
Kuroda, A. *see* Kaneko, K. 58911
Kuroda, H. *see* Hattori, S. 91438
Kuroda, H. *see* Ikehara, M. 49552
Kuroda, H. *see* Ikehara, M. 84197
Kuroda, K. *see* Akhmetov, A. 93910
Kuroda, K. *see* Hosokawa, T. 87639
Kuroda, K. *see* Omatsu, T. 94658
Kuroda, M. *see* Kawate, K. 82831
Kuroda, M. *see* Sakai, H. 84290
Kuroda, S., Suehiro, H., Miyata, T., Asai, S., Hanyu, I., Shima, M., Hara, N., Takikawa, M. 0.25 μm gate length N-InGaP/InGaAs/GaAs HEMT DCFL circuit with lower power dissipation than high-speed Si CMOS circuits 61661
Kuroda, S. *see* Itoh, M. 92210
Kuroda, S. *see* Kai, K. 49917
Kuroda, S. *see* Kai, K. 93440
Kuroda, S. *see* Mimashi, T. 76499
Kuroda, S. *see* Nihei, M. 93512
Kuroda, S. *see* Suehiro, H. 93669
Kuroda, S. *see* Ueki, H. 92296
Kuroda, T., Fujita, T., Noda, M., Thai, P., Yang, L., Gray, D. Capacitor-free level-sensitive active pull-down ECL circuit with self-adjusting driving capability 70453
Kuroda, T., Saito, T., Takada, M., Yamada, O. Digital modulation scheme for FM multiplex broadcasting with mobile reception 65639
Kuroda, T., Sakata, Y., Matsuo, K. Analysis and optimization of BiCMOS gate circuits 55207
Kuroda, T. *see* Ando, A. 87952
Kuroda, T. *see* Ohkubo, K. 92457
Kuroda, T. *see* Oka, Y. 53190
Kuroda, T. *see* Suka, M. 86661
Kuroda, T. *see* Takeiri, Y. 53192
Kuroda, T. *see* Tsumori, K. 53191
Kuroda, Y. *see* Kusuda, Y. 63613
Kuroda, Y. *see* Mishima, N. 71916
Kurogi, H. *see* Yoshimaru, M. 61395
Kurohmaru, S. *see* Toyokura, M. 92281
Kuroi, T., Hamaguchi, T., Shirahata, M., Okumura, Y., Kawasaki, Y., Inuishi, M., Tsubouchi, N. Novel NICE (nitrogen implantation into CMOS gate electrode and source-drain) structure for high reliability and high performance 0.25 μm dual gate CMOS 93615
Kuroi, T., Kusunoki, S., Shirahata, M., Okumura, Y., Kobayashi, M., Inuishi, M., Tsubouchi, N. The effects of nitrogen implantation into P^+ poly-silicon gate on gate oxide properties 71668
Kuroi, T. *see* Komori, S. 70514
Kuroiwa, H. *see* Ohno, Y. 77456
Kuroiwa, K. *see* Sawado, Y. 48968
Kuroiwa, K. *see* Shichi, Y. 93708
Kuroiwa, K. *see* Tanimoto, S. 54940
Kuroiwa, K. *see* Ueno, T. 48972
Kuroiwa, M. *see* Yamazaki, A. 70551
Kuroiwa, S. Present status and prospects for instrumentation and control technology 58623
Kuroiwa, S., Takeda, K., Inoue, N., Nogaito, I., Yamamoto, S., Shozakai, M., Owa, K., Nagahama, K. A voice activated extension telephone exchange system by using real-time hardware for continuous telephonic speech recognition 52280
Kuroiwa, S. *see* Suzuki, T. 96683
Kuroiwa, S. *see* Yato, F. 51380
Kuroiwa, S. *see* Yoshida, Y. 96684
Kuroiwa, T., Tsunemine, Y., Horikawa, T., Makita, T., Tanimura, J., Mikami, N., Sato, K. Dielectric properties of $(Ba_xSr_{1-x})TiO_3$ thin films prepared by RF sputtering for dynamic random access memory application 93710
Kuroiwa, T. *see* Ohno, Y. 70487
Kurokawa, F. *see* Matsuo, H. 100312
Kurokawa, F. *see* Matsuo, H. 100332
Kurokawa, F. *see* Matsuo, H. 100883
Kurokawa, F. *see* Matsuo, H. 100927
Kurokawa, K., Kubota, H., Nakazawa, M. Femtosecond soliton interactions m a distributed erbium-doped fiber amplifier 83008
Kurokawa, K. *see* Endo, E. 89747
Kurokawa, K. *see* Gamo, Y. 60860
Kurokawa, K. *see* Kaneko, K. 58911
Kurokawa, K. *see* Tsuda, I. 100024
Kurokawa, K. *see* Yukawa, M. 99980
Kurokawa, S. Status of TRISTAN-II project 76337
Kurokawa, S., Pestrikov, D. Synchrobetatron resonances due to crab cavities 66928
Kurokawa, S., Zenkevich, P. Design of 8 GeV rapid-cycle booster synchrotron for the KEK B-Factory 76551
Kurokawa, T., Fukuskima, S. Ferroelectric liquid crystal spatial light modulators and their applications 72465
Kurokawa, T., Yamashita, H. Bus connected neural network hardware system 61851
Kurokawa, T. *see* Fukushima, S. 94205
Kurokawa, T. *see* Kohama, Y. 83050
Kurokawa, T. *see* Kohama, Y. 83094
Kurokawa, T. *see* Ohiso, Y. 83111
Kurokawa, Y. *see* Osaka, T. 56222
Kurokawa, Y. *see* Osaka, T. 72091
Kuroki, F. *see* Suzuki, Y. 92553
Kuroki, F. *see* Uchida, I. 92500
Kuroki, H., Nakamura, K.G., Kamioka, I., Kawabe, T., Kitajima, M. Real-time observation of ultrathin silicon oxide film growth using rapid ellipsometry 93247
Kuroki, H., Ohara, K. Power transistors with built-in avalanche diode and base series-resistor 49969
Kuroki, K. *see* Okuma, Y. 68865
Kuroki, K. *see* Sakata, M. 52845
Kuroki, K. *see* Tsujioka, T. 94049
Kuroki, K. *see* Yamada, R. 100329
Kuroki, N. *see* Nakashima, T. 85310
Kuroki, Y. *see* Okada, T. 66290
Kuromaru, H. *see* Kobayashi, S. 90518
Kuromori, K., Gotoh, S., Matunaga, Y. An electromagnetic flowmeter with dual frequency excitation 98367
Kuromori, K., Nishijima, T. Circuit network simulation of electromagnetic flowmeters 75939
Kuromori, K. *see* Okada, T. 66290
Kurosaka, S. *see* Miyamoto, Y. 60089
Kurosaki, A. *see* Tsutsui, H. 97793
Kurosaki, M., Waki, H. A JPEG-compliant color image compression/decompression LSI 95871
Kurosaki, T., Hirono, T., Fukuda, M. Suppression of external cavity modes in DFB lasers with a high endurance against optical feedback 83090
Kurosaki, T. *see* Fukuda, M. 83056
Kurosaki, T. *see* Tohmori, Y. 83113
Kurosawa, A. *see* Ohshima, M. 99422
Kurosawa, I. *see* Aoyagi, M. 80281
Kurosawa, I. *see* Kubo, T. 82360
Kurosawa, I. *see* Tanahashi, S. 93956
Kurosawa, K., Yamamoto, K., Yamada, I. A simple design method of perfect reconstruction QMF banks 49553
Kurosawa, K. *see* Morioka, M. 96612
Kurosawa, M., Nakazawa, K., Koike, Y., Ueha, S. Focusing type high power transducer using burst drive for ultrasonic welding 99372

Kurosawa, M. *see* Okada, H. 77735
Kurosawa, O. *see* Washizu, M. 64074
Kurosawa, R. *see* Yamamoto, H. 69056
Kurosawa, S., Nemoto, E., Muratsugu, M., Ikeda, H., Yoshimoto, M., Mori, Y., Kitajima, H., Kamo, N. Detection of actomyosin depolymerization by piezoelectric quartz crystal: possibility for development of a meat-freshness sensor 66509
Kurosawa, S. *see* Yoshino, A. 93646
Kurosawa, T. *see* Miki, Y. 56612
Kurosawa, T. *see* Nakamura, O. 53054
Kurosawa, T. *see* Noda, Y. 61222
Kurosawa, T. *see* Onae, A. 63626
Kurose, J. *see* Ramjee, R. 65277
Kurose, J. *see* Schulzrinne, H. 65334
Kurose, J.F. *see* Pingali, S. 85300
Kurose, J.F. *see* Ren-Hung Hwang 65432
Kurose, J.F. *see* Simha, R. 51767
Kurosu, T. *see* Matsumae, Y. 55888
Kurosumi, M. *see* Iemura, M. 100931
Kurotaki, H. *see* Koyanagi, M. 56585
Kuroyanagi, A. $Zn_xCd_{1-x}S$ thin films grown by ion-beam deposition 79954
Kuroyanagi, K. *see* Aoshima, S. 94419
Kurpanek, G. *see* Rashid, E. 92286
Kurpiewski, A. *see* Chen, W.M. 71098
Kurps, R. *see* Gaworzewski, P. 71155
Kurps, R. *see* Kruger, D. 69973
Kurrat, R. *see* Saini, S. 63444
Kurronen, P. *see* Pyrhonen, J. 54027
Kursawe, F. Optimization algorithms imitating nature 79641
Kurten, H. *see* Bayer, W. 59835
Kurten, M., Schilz, J. Czochralski growth of Si_xGe_{1-x} single crystals 48896
Kurth, F. *see* Pham, M.T. 66222
Kurth, F., Schmelter, J., Enoyck, G. Laser welding of stainless steel tubes with internal light guides 57027
Kurth, G., Ruscheweyh, S., Salinas, L.C. On cyclic variation-diminishing transforms 79527
Kurth, R. *see* Fragola, J.R. 59527
Kurtz, A.D. *see* Shor, J.S. 58732
Kurtz, E. *see* Einfeldt, S. 69944
Kurtz, E. *see* Hommel, D. 71282
Kurtz, E. *see* Hommel, D. 72872
Kurtz, R.L. *see* Zhe Qu 88290
Kurtz, S.K. *see* Yoshikawa, S. 56115
Kurtz, S.R., Olson, J.M., Arent, D.J., Bode, M.H., Bertness, K.A. Low-band-gap $Ga_{0.5}In_{0.5}P$ grown on (511)B GaAs substrates 61273
Kurtz, S.R., Olson, J.M., Friedman, D.J., Kibbler, A.E., Asher, S. Ordering and disordering of doped $Ga_{0.5}In_{0.5}P$ 55730
Kurtz, S.R. *see* Arent, D.J. 91512
Kurtz, S.R. *see* Bertness, K.A. 78829
Kurtz, S.R. *see* Bertness, K.A. 90412
Kurtz, S.R. *see* Friedman, D.J. 90444
Kurtz, S.R. *see* Howard, A.J. 91487
Kurtzke, C. Optical-phase conjugation – a new approach to future high-capacity optical communication systems 65802
Kurtzke, C., Kindt, S., Petermann, K. Impact of residual amplitude modulation on the performance of dispersion-supported and dispersion-mediated nonlinearity-enhanced transmission 65786
Kurtzke, C. *see* Pieper, W. 58380
Kuruma, K. *see* Sakamoto, Y. 78790
Kuruma, S. *see* Ohigashi, N. 53113
Kurumizawa, T. *see* Nakagawa, T. 76251
Kuruneru, R.S., Bose, A., Bunch, R. Modeling of high voltage direct current transmission systems for operator training simulators 53731
Kuruneru, R.S., Bose, A., Bunch, R. Modeling of high voltage direct current transmission systems for operator training simulators 78059
Kurup, R.R. *see* Mahabala, H.N. 75844
Kurushin, E.A. *see* Vasiltsov, V.V. 56633
Kurvonen, L. *see* Jauskelainen, V. 77525
Kuryatkov, V.V. *see* Baublis, V.V. 59244
Kuryatov, V.N. *see* Sakov, I.A. 99921
Kuryshev, G.L., Myasnikov, A.M., Obodnikov, V.I., Safronov, L.N., Khryashchev, G.S. Redistribution of beryllium in InSb and InAs resulting from ion implantation and subsequent annealing 55708
Kurz, E.A., Becker, C.H., Wu, K.J., Becker, O., Sommer, B. Investigation of the core-clad interface of coherent fiber optic devices using secondary ion mass spectrometry, surface analysis by laser ionization, and transmission electron microscopy 94118
Kurz, H. *see* Emmerichs, U. 94646
Kurz, H. *see* Hunsche, S. 93003
Kurz, H. *see* Jaekel, C. 93246
Kurz, H. *see* Kersting, R. 94476
Kurz, H. *see* Misra, V. 93430
Kurz, H. *see* Yasuda, T. 93177
Kurz, L. *see* Cheung, J. 64448
Kurz, L. *see* Cheung, J. 84356
Kurz, L. *see* Jae Hyun Park 74532
Kurz, L. *see* Ketel, M. 64476
Kurz, L. *see* Ketel, M. 74194
Kurz, L. *see* Ketel, M. 84395
Kurz, L. *see* Li, C.C.-P. 51335
Kurz, L. *see* Li, C.C.-P. 86462
Kurz, L. *see* Trivedi, Y.C. 74588
Kurz, M., Hulsmann, P., Glock, H.-W., Klein, H. The possibility of introducing additional focusing caused by the circular irises in iris loaded accelerator sections 67010
Kurz, M. *see* Glock, H.-W. 67048
Kurz, M. *see* Hulsmann, P. 58964
Kurz, P. *see* Paschotta, R. 83324
Kurz, R. *see* Kajcson, Zs. 88051
Kurzhos, V.I. *see* Gostev, V.I. 89965
Kusabiraki, M. *see* Kitamura, T. 63051
Kusaka, K., Ikuta, S., Ling Chen, Kominami, M An analytical method of nonlinear distortion in direct sequence spread spectrum multiple access communication systems in baseband 96981
Kusaka, K. *see* Fujishiro, H. 94038
Kusaka, K. *see* Tominaga, K. 93684
Kusaka, T. *see* Kawata, Y. 77614
Kusaka, T. *see* Yoshida, S. 58094
Kusakabe, C., Tomikawa, Y., Takano, T., Aoyagi, M., Inamura, S. Stepping drive of self-oscillation-type ultrasonic motor 100175
Kusakabe, C. *see* Chen, X. 71904
Kusakabe, C. *see* Takano, T. 100174
Kusakabe, C. *see* Tomikawa, Y. 50163
Kusakabe, H. *see* Noda, M. 79948
Kusakabe, K. *see* Maeda, H. 69930
Kusakabe, K. *see* Maeda, H. 79929
Kusakabe, T. *see* Baba, Y. 58255
Kusama, H. *see* Yamashita, S. 60586
Kusama, T. *see* Konishi, E. 67658
Kusama, Y. *see* Koyama, T. 82533
Kusamran, S. *see* Yupapin, P.V.P. 87235
Kusano, Y. *see* Murakawa, T. 89635
Kusch, S., List, E. Wavelength selection by an acousto-optical filter 63505
Kusch, S., List, E. Wavelength selection by an acousto-optical filter 82759
Kusche, K.P. *see* Kimura, W.D. 76628
Kuschke, D. Software interface for the INTERBUS-S bus system for programmable logic microcontrollers (PLCs) 55298
Kusevic, I. *see* Dou, S.X. 63273
Kushawaha, V., Major, L. Relative performance of a 1.06 μm laser with various Nd doped crystals 94415
Kushawaha, V., Michael, A., Major, L. Effect of Nd concentration on the Nd:KGW laser 63725
Kushel, H., Worms, J. A VHF experimental radar with fully adaptive antenna and spectral signal adaptation 58482
Kushibe, M. *see* Tezuka, T. 83127
Kushibiki, J. *see* Kitamura, T. 71884
Kushibiki, J. *see* Ono, Y. 94062
Kushibiki, J. *see* Tsukahara, Y. 77729
Kushibiki, J. *see* Tsukahara, Y. 99362
Kushida, K., Yoshino, K., Yamaji, E., Tabuchi, T. Modeling of 3-D structure for analysis of canopy reflectance from rice crop 67910
Kushida, K. *see* Ito, Y. 59615
Kushida, K. *see* Ito, Y. 99329
Kushida, M., Iwamoto, M., Ueno, N., Sugita, K., Hino, T. Study on the dielectric loss tan δ of metal-insulator-metal and metal-insulator-metal-insulator-metal junctions with polyimide Langmuir-Blodgett films 62336
Kushilevitz, E. *see* Chor, B. 57373
Kushin, V.V., Nesterov, N.A., Parshin, I.O., Plotnikov, S.V. ITEP heavy ion alternating phase focusing linac 76429
Kushiya, K., Hakuma, H., Sano, H., Yamada, A., Konagai, M. Effects of post-deposition heat treatments on ZnO/CdS/CuInSe$_2$ thin film solar cells studied by photoluminescence measurements 100458
Kushiyama, N. *see* Furuyama, T. 92208
Kushner, H.J., Jichuan Yang A numerical method for controlled routing in large trunk line networks via stochastic control theory 74767
Kushner, H.J., Martins, L.F. Numerical methods for controlled and uncontrolled multiplexing and queueing systems 64899
Kushner, J.R. *see* Cancelosi, J.R. 78128
Kushner, M.J. *see* Choi, S.J. 71397
Kushner, M.J. *see* Shohet, J.L. 93138
Kushnereva, D.A. *see* Ikramov, Kh. D. 54767
Kushnick, P. *see* Reece, C. 67127
Kushnir, A. *see* Shub, Y. 88651
Kushnir, V.A. *see* Aizatskii, N.I. 87798
Kushnirenko, A.E. *see* Cardini, A. 67354
Kusian, W., Plattner, R.D., Furlan, J., Conte, G. A new double stacked a-SiH solar cell having the structure pin/TCO/nip 100549
Kusian, W. *see* Ostendorf, H.-C. 100536
Kusian, W. *see* Popovic, P. 100591
Kusic, D. *see* Osmokrovic, P. 78233
Kusilin, Yu.E. *see* Kalyashova, Z.N. 56971
Kuske, B. *see* Jaeschke, E. 67275
Kuske, P. *see* Jaeschke, E. 67275
Kuskin, J., Ofelt, D., Heinrich, M., Heinlein, J., Simoni, R., Gharachorloo, K., Chapin, J., Nakahira, D., Baxter, J., Horowitz, M., Gupta, A., Rosenblum, M., Hennessy, J. The Stanford FLASH multiprocessor 49475
Kusko, A., Medora, N. Elevator system challenge 69130
Kusmartseva, O. *see* Leppavuori, S. 54962
Kusmartseva, O. *see* Levoska, J. 61326
Kusmierek, Z. A new way of nonlinearity characterization of alternating current receivers and a method for measurement of corresponding characteristic coefficients 78117
Kusnadi, Carothers, J.D., Anderson, G., Bigelow, J. Visualising directed graphs using a position assignment approach based on Hopfield neural networks 69750
Kussul, E.M., Baidyk, T.N., Lukovich, V.V., Rachkovskij, D.A. Adaptive neural network classifier with multifloat input coding 83973
Kuster, N., Bomholt, L.H. A block iterative technique to expand MMP's applicability to EM problems of higher complexity 64060
Kuster, N. *see* Meier, K. 65616
Kustera, D. *see* Rui Liu 86711
Kusters, A.M. *see* Wiesner, U. 55587
Kusters, A.Mesquida *see* Mesquida Kusters, A.
Kusters, J., Ho, K., Stein, S.R., Allan, D.W. A globally efficient and effective means of maintaining the SI second and UTC time 86919
Kustom, R. *see* Abdelsalam, M. 76572
Kustom, R. *see* Cho, Y. 87949
Kustom, R. *see* Horan, D. 68749
Kustom, R. *see* Liu, J. 66926
Kustom, R. *see* Primdahl, K. 67126
Kustom, R. *see* Song, J. 67140
Kustom, R.L. *see* Brauer, S.O. 67170
Kustom, R.L. *see* Bridges, J.F. 67057
Kustom, R.L. *see* Grudzien, D.M. 76323
Kustom, R.L. *see* Kang, Y.W. 67101
Kustom, R.L. *see* Kang, Y.W. 67102
Kustom, R.L. *see* Nassiri, A. 98388
Kustom, R.L. *see* Song, J.J. 87629
Kustom, R.L. *see* Song, J.J. 98472
Kustom, R.L. *see* Zhou, J. 87713
Kustora, R. *see* Kang, Y.W. 66996
Kustov, A. *see* St.-Maurice, J.-P. 59543
Kustov, A.V. *see* Haldoupis, C. 59556
Kustov, A.V. *see* Uspensky, M.V. 67808
Kustovic, I., Zabcic, N. Telephone call set-up procedures in INMARSAT M system 97210
Kusuda, T. *see* Hirae, S. 55768
Kusuda, Y., Komaba, N., Kuroda, Y., Ohno, S., Tanaka, S. 64-bits integrated light-emitting device array with shift register separated self-scanning light emitting device (S-SLED) 63613
Kusui, S., Nagai, T. A single-phase three-wire watt-to-pulse frequency converter using simple PWM and its accuracy analysis 99786
Kusuma, T. *see* Mathias, K.E. 95976
Kusumi, S. *see* Okino, Y. 93722
Kusumi, Y. *see* Sato, B.K. 56165
Kusumoto, K. *see* Okuwaki, T. 50315
Kusumoto, N. *see* Kubo, N. 93373
Kusumoto, S. *see* Mizuguchi, Y. 56740
Kusumoto, Y. *see* Teragaki, Y. 50609
Kusunoki, A. *see* Veyo, S.E. 78522
Kusunoki, K. *see* Seikai, S. 65837
Kusunoki, M., Akaike, H., Fujimaki, A., Hayakawa, H. Submicron patterning technique for $YBa_2Cu_3O_y$ films using focused ion beam lithography 72218
Kusunoki, S. *see* Kuroi, T. 71668
Kusunoki, T. *see* Nambu, H. 70537
Kusunoki, T. *see* Shoji, H. 94504
Kusunose, H. *see* Nakajima, M. 71464
Kusunose, H. *see* Yoshioka, N. 93547
Kusyk, R.G., Krzymien, W.A., Moore, T.E. Analysis of techniques for the reduction of jitter caused by SONET pointer adjustments 58414
Kuszelewicz, R. *see* Raffle, Y. 91454
Kutaev, Yu.F. Comparing radars by an energy-efficiency criterion 52648
Kutakhov, A.G. *see* Borovkov, V.M. 53936
Kuten, S.A. *see* Moroz, V.I. 98575
Kutin, V.M., Bondarenko, E.A. Protective properties of screening clothing kits for working on live 330-750 kV power lines 99692
Kutka, R. Reconstruction of correct 3-D perception on screens viewed at different distances 52690
Kutkut, N.H., Cherradi, H.M., Lipo, T.A. Analysis of voltage controlled induction motors using quasi-rotating reference frame 89941
Kutkut, N.H., Divan, D.M., Gascoigne, R.W. An improved full bridge zero-voltage switching PWM DC-DC converter using a two inductor rectifier 68771
Kutner, V.B. Intense high charge state ion sources 53146
Kutner, V.B. *see* Dubnicka, S. 53168
Kutner, V.B. *see* Efremov, A. 53158
Kutome, C. *see* Fukui, A. 96748
Kuts, V. *see* Rosenfeld, A. 88583
Kuts, V. *see* Rosenfeld, A. 99024
Kutschera, W. *see* Rehm, K.E. 76794
Kutsenko, A.B. *see* Il'inskii, A.V. 92986
Kutsuenko, V. *see* Johnstone, W. 56401
Kutsukake, H., Tanno, Y. High frequency oscillation parametric current sensor with feedback loop 97933
Kutsukake, H., Tanno, Y., Ichikawa, J.-I. A parametric current sensor with feedback loop 52835
Kutsuwada, M. *see* Shiiyama, K. 76146
Kutsuwada, N. *see* Niki, S. 61269
Kutsuwada, N. *see* Shoh-Dohji, T. 69285
Kutsuwada, N. *see* Shohdohji, T. 64102
Kutsyk, I.M. *see* Babich, L.P. 72699
Kuttanna, B. *see* Pham, D. 92287
Kutten, S. *see* Awerbuch, B. 96284
Kuttner, J. *see* Kohl, F. 58724

Kutty, K.V.Thomas *see* Thomas Kutty, K.V.
Kutulakos, K.N., Dyer, C.R. Global surface reconstruction by purposive control of observer motion 84806
Kutuza, B.G. *see* Danilichev, M.V. 77467
Kutuza, B.G. *see* Kiemle, C. 77403
Kutuza, B.G. *see* Smirnov, M.T. 77376
Kutuza, B.G. *see* Tishchenko, J.G. 77512
Kutuzov, S.I. A method for evaluating the voltage harmonic factor in independent power systems 77874
Kutz, J.N., Hile, C.V., Kath, W.L., Rue-Ding Li, Kumar, P. Pulse propagation in nonlinear optical fiber lines that employ phase-sensitive parametric amplifiers 94109
Kutzer, V. *see* Hoffmann, A. 71303
Kutzer, V. *see* Krause, E. 61376
Kuvin, B.F. Computerized inspection checks LB-cut plate 48662
Kuvin, B.F. PAC cuts tabs, slots to simplify weld assembly 60953
Kuwabara, H., Tatsuoka, H., Nakanishi, Y., Ichida, A., Fujiyasu, H., Nakayama, M., Yamanari, T. HgTe and $Hg_{1-x}Cd_xTe$ vapor phase epitaxial growth under controlled Hg pressure 61319
Kuwabara, H. *see* Nara, K. 59880
Kuwabara, K. *see* Mikami, Y. 53000
Kuwabara, K. *see* Nishibe, Y. 74638
Kuwabara, M., Saffari, H., Visokay, M.R., Hayashi, H., Sato, M. Process temperature dependence of δM plots on Co alloy media on amorphous carbon substrates 63184
Kuwabara, N., Kobayashi, R. Frequency response improvement of electric field sensor using optical modulator 94863
Kuwabara, N. *see* Akiyama, Y. 94971
Kuwabara, N. *see* Masugi, M. 64164
Kuwabara, S. *see* Matsui, Y. 61702
Kuwabara, T. *see* Kaneko, A. 73123
Kuwabara, Y. *see* Shirota, Y. 82828
Kuwae, R. *see* Kanai, H. 82103
Kuwagaki, M. *see* Ugajin, M. 49972
Kuwaham, T. *see* Noguchi, S. 71629
Kuwahara, H., Takahashi, K., Nakajima, T., Suzuki, O., Takasaki, T. Enhancement of two-phase thermosyphon for cooling high heat flux power devices 93366
Kuwahara, H. *see* Kirimura, H. 79946
Kuwahara, K., Tanida, M., Shirakawa, C., Ikutani, T., Ariyoshi, T., Mortia, J., Watanabe, Y. Regional disaster prevention and administrative information communication system 58119
Kuwahara, K. *see* Ishida, N. 67339
Kuwahara, K. *see* Ohtsuka, H. 49936
Kuwahara, K. *see* Sumomogi, T. 61402
Kuwahara, M. *see* Hanyu, T. 80384
Kuwahara, M. *see* Ishimoto, R. 68450
Kuwahara, R. *see* Horwitz, A. 99400
Kuwahara, T. *see* Kuriyama, H. 92918
Kuwahara, Y., Matsuzawa, Y., Kitahara, H., Haneishi, M. Phased array antenna with a multilayer substrate 73549
Kuwahara, Y. *see* Takao, Y. 79986
Kuwakado, H., Koyama, K. Efficient cryptosystems over elliptic curves based on a product of form-free primes 95137
Kuwakado, H., Koyama, K. Security of RSA-type cryptosystems over elliptic curves against Hastad attack 95185
Kuwaki, N., Seino, M., Yoshida, K. Mode-field-diameter measurement method using a field mask 50504
Kuwako, M. *see* Nanya, T. 55301
Kuwamura, N., Taniguchi, K., Hamaguchi, C. Simulation of single-electron logic circuits 70362
Kuwana, K. *see* Nishimura, T.H. 88558
Kuwano, H. *see* Cho, W. 87401
Kuwano, H. *see* Hosaka, H. 55454
Kuwano, H. *see* Kim, K.I. 93146
Kuwano, H. *see* Kwang Il Kim 49844
Kuwano, H. *see* Nakamura, M. 66577
Kuwano, H. *see* Nakamura, M. 98160
Kuwano, H. *see* Shimokawa, F. 98486
Kuwano, H. *see* Sugimoto, I. 87335
Kuwano, H. *see* Won-Ju Cho 62142
Kuwano, H. *see* Wonju Cho 71073
Kuwano, K. *see* Masuda, S. 60642
Kuwano, N., Kobayashi, K., Oki, K., Miyoshi, S., Yaguchi, H., Onabe, K., Shiraki, Y. Formation of cubic GaN on (111)B GaAs by metal-organic vapor-phase epitaxy with dimethylhydrazine 70016
Kuwano, N. *see* Nakayama, R. 71969
Kuwano, S., Ishida, O., Shibata, N., Ishii, H., Kitoh, T. Optical FDM/TDM crossconnect employing a delayed self-duplex light source and an optical timeslot interchanger 58430
Kuwano, S. *see* Widarta, A. 73472
Kuwano, Y. The PV era is coming—the way to GENESIS 100557
Kuwano, Y., Okamoto, S., Tsuda, S. Semiconductor devices save the earth—solar cells 69014
Kuwano, Y. *see* Lu, D. 78197
Kuwano, Y. *see* Maruyama, E. 100528
Kuwano, Y. *see* Nishikuni, M. 78812
Kuwano, Y. *see* Tsujino, N. 100023
Kuwano Hiroshi *see* Hiroshi Kuwano
Kuwashima, S. *see* Takeuchi, N. 77356
Kuwata, K. *see* Saito, A. 63163
Kuwata, M., Maeda, H., Husimi, K. New baseline restorer based on feedforward differential compensation 88238
Kuwata, M., Maeda, H., Husimi, K. New baseline restorer based on feedforward differential compensation 98696
Kuwata, N. *see* Shiga, N. 92632
Kuwata, T. *see* Goto, Y. 62799
Kuwata, T. *see* Nishihata, K. 86422
Kuwata, T. *see* Nishihata, K. 97262
Kuwata, Y., Tanaka, R., Iwasawa, M. Combined fuel cell and commercial power system for telecommunications use 54147
Kuwatsuka, H., Ishikawa, H. Calculation of the second-order optical nonlinear susceptibilities in biased $Al_xGa_{1-x}As$ quantum wells 94614
Kuwatsuka, H. *see* Oikawa, Y. 52563
Kuyt, G. *see* Leclercq, J.W. 82614
Kuzan, P. *see* Goldenberg, A.A. 78880
Kuzay, T.M. A review of thermo-mechanical considerations of high temperature materials for synchrotron applications 87763
Kuzay, T.M. *see* Barraza, J. 87754
Kuzay, T.M. *see* Nian, H.L.T. 87765
Kuzay, T.M. *see* Shu, D. 87751
Kuzay, T.M. *see* Shu, D. 87753
Kuzay, T.M. *see* Zhibi Wang 87760
Kuzay, T.M. *see* Zhibi Wang 87761
Kuzay, T.M. *see* Zhibi Wang 87764
Kuzel, R. *see* Krivka, I. 81100
Kuzhelev, A.S. *see* Antipov, O.L. 63912
Kuzian, R.O. *see* Klein, R.S. 94255
Kuzichev, V. *see* Chen, M. 67349
Kuzichev, V.F. *see* Akimov, D.Yu. 67344
Kuzik, V.E. *see* Belov, A.S. 87858
Kuzin, E.A. *see* Petrov, M.P. 56719
Kuzin, E.A. *see* Petrov, M.P. 72727
Kuzin, S.V. *see* Mikerov, V.I. 74015
Kuzishchin, V.F., Zver'kov, V.P. Analysis of the noise immunity of methods for computer-aided adjustment of controllers 89663
Kuzma, E. Thermistors with exponential resistance-temperature dependence 61961
Kuzma, T. *see* Preston, E. 87299
Kuzma, T. *see* Preston, E. 87302
Kuzmanic, I. *see* Krcum, M. 100935
Kuz'menko, A.G. *see* Konovalov, S.I. 77748
Kuz'michev, I.K. *see* Veremey, V.V. 80577
Kuz'micheva, T.G. *see* Kamzin, A.S. 72057
Kuzmichov, L.A. *see* Belolaptikov, I.A. 59156
Kuzmik, J., Georgakilas, A. Study of Schottky contact formation on CH_4/H_2 reactive-ion-etched InAlAs 62527
Kuzmin, A.A. *see* Evstratov, F.F. 53583
Kuz'min, A.N. *see* Batai, L.E. 56304
Kuzmin, A.V. *see* Etkin, V.S. 77464
Kuzmin, I.A. *see* Dvornikov, V.A. 67083
Kuzmin, L.S. *see* Pashkin, Yu.A. 63316
Kuz'min, M.A. *see* Lishchenko, A.I. 90611
Kuzmin, S.M., Solovyov, V.D. Expert-system-based ecologist's workstations 67885
Kuzmin, V.V. *see* Okhotnikov, O.G. 50771
Kuzmina, E.V. *see* Arbuzov, V.L. 70132
Kuz'mina, L.V. *see* Kartuzhanskii, A.L. 71136
Kuzminov, V. *see* Saenz, C. 59159
Kuzminski, J. *see* Wake, M. 87685
Kuzminski, J. *see* Wanderer, P. 82422
Kuzminski, K. *see* Wozniak, P. 68615
Kuzminski, M. *see* Vertesy, Z. 63187
Kuzminsky, M., Mendkovich, A. Non-commercial computer networking in Russia 65295
Kuzmitskii, P.P. *see* Dorofbichik, A.N. 99595
Kuznar, R., Brglez, F., Zajc, B. A unified cost model for min-cut partitioning with replication applied to optimization of large heterogeneous FPGA partitions 92006
Kuznar, R., Brglez, F., Zajc, B. Multi-way netlist partitioning into heterogeneous FPGAs and minimization of total device cost and interconnect 92107
Kuznecov, G., Shmakov, Yu. Application of adaptive discrete filtration in phase synchronization systems 64407
Kuznetsov, A.M. *see* Aleksandrov, A.F. 62119
Kuznetsov, A.N. *see* Rogachev, N.A. 69937
Kuznetsov, A.N. *see* Rogachev, N.A. 91578
Kuznetsov, A.V., Alkhazov, I.D., Vakhtin, D.N., Lyapin, V.G., Rubchenya, V.A., Trzaska, W.H., Loberg, K., Daniel, A.V. Neutron multi-detector system: mutual influence of its modules 67357
Kuznetsov, A.V. *see* Alekseev, E.I. 52883
Kuznetsov, A.V. *see* Jin Soo Hwang 91459
Kuznetsov, A.Yu., Mordkovich, V.N., Vyatkin, A.F. RBS studies of nickel behavior in silicon, amorphized with nickel ions 49862
Kuznetsov, A.Yu., Mordkovich, V.N., Vyatkin, A.F., Khodos, I.I. Silicide precipitate formation and solid phase regrowth of Ni^+-implanted amorphous silicon 79824
Kuznetsov, A.Yu. *see* Kozlov, A.A. 98642
Kuznetsov, D. *see* Kyung Suk Oh 73444
Kuznetsov, E.K. *see* Serebryanikov, N.I. 89047
Kuznetsov, G. Study of the Fourier, Hartley and Walsh spectral transformation in the algorithms of digital speech signal compression 95318
Kuznetsov, G. *see* Nezhevenko, O. 76375
Kuznetsov, G.V., Voitsekh, S.I. Design of transcoding algorithms PCM-ADM with implementation on TMS 32010 73622
Kuznetsov, L.I. A device for the simultaneous measurement of the laser-beam transmission through an erosion plume and the pressure on an irradiated surface 83228
Kuznetsov, L.I., Yarygin, V.N. Laser-reactive method for disposal of small space debris 73193
Kuznetsov, M. Cascaded coupler Mach-Zehnder channel dropping filters for wavelength-division-multiplexed optical systems 50658
Kuznetsov, M.G. *see* Kokin, A.A. 62333
Kuznetsov, M.G. *see* Kokin, A.A. 62902
Kuznetsov, N.A. *see* Anashin, V.V. 76538
Kuznetsov, N.I., Dmitriev, A.P., Furman, A.S. Properties of a center associated with an Al impurity in 6*H*-SiC 81262
Kuznetsov, N.T. *see* Dorozhkin, L.M. 77734
Kuznetsov, O.A. *see* Gavrilenko, V.I. 55608
Kuznetsov, S. The graphic environment for transport line-control and beam diagnostics 76532
Kuznetsov, S., Levichev, E. The study of seismic vibration of SR source "Zelenograd" 67211
Kuznetsov, S. *see* Korchuganov, V. 66999
Kuznetsov, S.G. *see* Akimov, V.A. 53286
Kuznetsov, V.A., Lerer, A.M. The scattering of electromagnetic waves by nonuniform and nonlinear rods in a waveguide 83744
Kuznetsov, V.A. *see* Afanasiev, S.V. 52771
Kuznetsov, V.G., Grigor'ev, A.S., Lysenko, A.T. Balancing the operation of a three-phase network with the aid of a pulse power technique 99500
Kuznetsov, V.I. *see* Apel, P.Yu. 88189
Kuznetsov, V.I. *see* Apel, P.Yu. 88190
Kuznetsov, V.I. *see* Metselaar, J.W. 62610
Kuznetsova, M.S. *see* Kudrya, V.P. 81747
Kuznetsova, T.I. Analysis of short optical signals by the Gabor transformation 57737
Kuznia, J.N. *see* Adesida, I. 81464
Kuznia, J.N. *see* Asif Khan, M. 71739
Kuznia, J.N. *see* Khan, M.A. 69954
Kuznia, J.N. *see* Khan, M.A. 72599
Kuznia, J.N. *see* Ping, A.T. 93230
Kuznicki, Z.T., Martinez, A., Muller, J.-C., Siffert, P. Geometrical factor in multi-interface homostructures 55609
Kuznicki, Z.T., Muller, J.C., Lipinski, M. A new L-H interface concept for very high efficiency silicon solar cells 100479
Kuznik, J. *see* Cochran, A. 82385
Kuzuhara, M. *see* Inosako, K. 70875
Kuzuhara, M. *see* Onda, K. 80686
Kuzum, L. *see* Yildiz, D. 89717
Kuzuoglu, M., Leblebicioglu, K., Ider, Y.Z. A fast image reconstruction algorithm for electrical impedance tomography 67574
Kuzuoglu, M. *see* Gencer, N.G. 76982
Kuzuoka, H. Spatial workspace collaboration: a SharedView video support system for remote collaboration capability 65454
Kuzyk, M.G., Welker, D.J., Zhou, S. Photomechanical stabilization and positioning with polymer optical fibers 82553
Kuzyk, M.G. *see* Andrews, M.P. 56914
Kvarnsjo, L. *see* Lundgren, A. 50388
Kvashonkin, I. *see* Perelstein, E. 76542
Kvasnica, P. The direct current component and its influence on the short current in a three-phase network 68296
Kvasnik, F. *see* Cai, X.Y. 74446
Kvien, O., Undeland, T.M., Rogne, T. Models for simulation of diode (and IGBT) switchings which include the effect of the depletion layer 62655
Kviz, B. Subcarrier multiplexing on fiber in CATV systems 66051
Kviz, B. Nonlinear optical-pulse interactions in fibers 94113
Kvols, K., Manthorpe, S., Norros, I. Engineering guidelines for the design of an interworking unit 65385
Kvols, K., Vazquez, E. Performance evaluation of a buffered ATM connectionless server 65505
Kvols, K. *see* Aalto, S. 58173
Kvols, K. *see* Dittmann, L. 51951
Kvon, Z.D. *see* Bykov, A.A. 81326
Kvon, Z.D. *see* Bykov, A.A. 82002
Kwa-Sur Tam, Lifeng Yang, Dravid, N. Modeling the protection system components of the space station electric power system 77185
Kwa-Sur Tam *see* Chaudhary, A.K.S. 68291
Kwack Kae Dal *see* Kae Dal Kwack
Kwai Man Luk Analysis of wraparound microstrip phased array by infinite array approach 73554
Kwai Yin Seek *see* Pooi Yuen Kam 73590
Kwak, B.M. *see* Cho, Y.-H. 58727
Kwak, C.H. *see* Grunnet-Jepsen, A. 83319
Kwak, C.S. *see* Park, J.D. 50215
Kwak, N.J., Choi, I.H., Lim, S.W., Suh, S.H. $Hg_{0.8}Cd_{0.2}Te$ grown by liquid phase epitaxy using $Cd_{0.94}Zn_{0.06}Te$ buffer layer 61318
Kwak, N.J., Choi, I.H., Suh, S.H. Improvement of electrical properties of LPE-$Hg_{0.8}Cd_{0.2}Te$ using $Cd_{0.94}Zn_{0.06}Te$ buffer layer 70007
Kwak Chong Hoon *see* Chong Hoon Kwak
Kwak In-gu *see* In-gu Kwak
Kwak Kyung Sup *see* Kyung Sup Kwak
Kwak Noh-Jung *see* Noh-Jung Kwak

Kwak Sun Sik *see* Sun Sik Kwak
Kwam Eo Soo *see* Soo Kwam Eo
Kwan, B. *see* Chinn, G. 98830
Kwan, C.M. *see* Mestha, L.K. 76514
Kwan, D.Y. *see* Chou, Q.B. 53912
Kwan, J.W., Ackerman, G.D., Cooper, W.S., deVries, G.J., Leung, K.N., Wells, R.P. A high power long pulse RF-driven H⁻ source 76727
Kwan, P., Vittoria, C. Tunable dielectric image guide filter from 26.5 to 40.0 GHz 49626
Kwan, P., Vittoria, C. Analysis of coupled magneto-dielectric image guides 51177
Kwan, S. *see* Anderson, D.F. 67315
Kwan, S. *see* Anderson, D.F. 88184
Kwan, T. *see* Adams, B. 80364
Kwan, T. *see* Adams, R. 49490
Kwan, T. *see* Fazio, M. 76844
Kwan Ho Song, Jae Ho Lee Performance analysis of multirate traffic multiplexing 96905
Kwan Hon Keung *see* Hon Keung Kwan
Kwan Hwang In *see* In Kwan Hwang
Kwan Lee Tak *see* Tak Kwan Lee
Kwan Ming *see* Ming Kwan
Kwan Song Jong *see* Jong Kwan Song
Kwan Un Chong *see* Chong Kwan Un
Kwan Whang In *see* In Kwan Whang
Kwan Yuhl Cho *see* Gun Woo Moon 100828
Kwan-Cheng Chen, Davisson, L.D. Analysis of SCCL as a PN-code tracking loop 95593
Kwang Bang Woo *see* Noh Sung Lee 79269
Kwang Ho Kim, Soo Won Lee, Dong Won Shin, Chan Gyung Park Effect of antimony addition on electrical and optical properties of tin oxide film 81245
Kwang Ho Kim *see* Kyung Hyun Cha 98169
Kwang Il Kim, Kuwano, H., Young Kyu Kwon, Soo Kap Hahn Damage and its rapid thermal annealing behavior of 1 MeV Ar^+-ion-implanted silicon 49844
Kwang Il Kim, Young Kyu Kwon, Young Ho Bae, Wook Jin Chung, Bum Man Kim, Hiroshi Kuwano XTEM study of 1 MeV argon ion implantation induced defects in Si and their annealing behavior 81433
Kwang Kee Lee, In Gyeom Kim, Jun Yong Chung, Choong Il Ryu, Kyu Tae Park ECVQ for sub-band pyramid image coding 64869
Kwang Kee Lee *see* Sang Hoon Choi 75730
Kwang Kee Lee *see* Sang Hoon Choi 75731
Kwang Seok Seo *see* Sang Myung Kim 71737
Kwang Suh *see* Khan, R.R. 87245
Kwang Sun Yang, Jong Tae Park, Bong Ryul Kim An analytical model for substrate current and gate current using modified lateral electric field model for surface-channel PMOSFET's 71685
Kwang sun Yang, Jong tae Park, Bong ryul Kim Lateral electric field model and degradation mechanism of surface-channel PMOSFET's 71686
Kwang Sun Yang *see* Woo Pyo Jeong 81864
Kwang Sun Yang *see* Woo Pyo Jeong 93390
Kwang Uk Chu *see* Taek Moo Kim 72448
Kwang Yell Seo *see* Sang Bae Yi 70495
Kwang Yong Kang, Sang Yeol Lee, Chulshik Yoon, Gun Yong Sung, Jeong Dae Suh, El Hang Lee, Alm Dal, Sang Suk Lee $YBa_2Cu_3O_{7-x}$ superconducting microstrip filters on dielectric substrate 92494
Kwang Yong Kang *see* Sang Yeol Lee 94035
Kwang Young-Kil *see* Young-Kil Kwang
Kwang-Bae Kim *see* Joong-Ho Song 90521
Kwang-Cheng Chen Medium access control of wireless LANs for mobile computing 85677
Kwang-Cheng Chen, Cheng-Hua Lee RAP—a novel medium access control protocol for wireless data networks 85335
Kwang-Cheng Chen, Davisson, L.D. On the loop noise bandwidth of SCCL 95592
Kwang-Churn Baek *see* Chang-Kyo Suh 74779
Kwang-Ho Kwon *see* Hyung-Ho Park 93184
Kwang-Hui Lee Design and implementation of a configuration management system 85539
Kwang-Hyun Park, Namsek-Park, Jongmin-Kim, Myoung-Won Kim, Ho-Keun Song Studies of the dielectric properties of a PPS film 71835
Kwang-Ick Kim *see* Doo-hyun Choi 76060
Kwang-Lung Lin *see* Chwan-Ying Lee 79297
Kwang-Soon Park *see* Mikami, M. 61386
Kwang-Sup Lee, Wung, C.J., Prasad, P.N., Jong-Chul Kim, Chi Kyun Park, Jung-Il Jin, Hong-Ku Shim Sol-gel processed conjugated polymers for optical waveguides 54994
Kwang-Ting Cheng, Hsi-Chuan Chen Generation of high quality non-robust tests for path delay faults 91987
Kwang-Ting Cheng *see* Chakraborty, T.J. 62936
Kwang-Ting Cheng *see* Chen-Yang Pan 91930
Kwang-Ting Cheng *see* Lin, F.Y.-S. 74641
Kwang-Ting Cheng *see* Shih-Chieh Chang 91982
Kwanghoon Sohn, Alexander, W.E., Kim, J.H., Snyder, W.E. A constrained regularization approach to robust corner detection 64863
Kwark, Y. *see* Jackson, K.P. 72648
Kwark, Y.H. *see* Tong, F. 86016
Kwark, Y.H. *see* Tong, F. 97291
Kwark Cheoleun *see* Cheoleun Kwark
Kwasniewski, J. Hierarchy of structures of intelligent transducers 66206
Kwatny, H. *see* Hemati, N. 78606
Kwatra, S.C. *see* Bhaskaran, R. 57894
Kwatra, S.C. *see* Jamali, M.M. 58351
Kwatra, S.C. *see* Keaton, M. 86278
Kwatra, S.C. *see* Tabar, R. 92271
Kwauk, R. *see* Perlovsky, L.I. 74229
Kway, W.L. *see* DeLoach, L.D. 94392
Kway, W.L. *see* Payne, S.A. 72720
Kwei Tang *see* Jen Tang 61023
Kwen-Song Byung *see* Byung Kwen-Song
Kwentus, A. *see* Kei-Yong Khoo 70751
Kwentus, A.Y., Werter, M.J., Willson, A.N., Jr. A programmable digital filter IC employing multiple processors on a single chip 70627
Kweon, K.H. *see* Jung, C.M. 70565
Kweon Hyuk Je *see* Hyuk Je Kweon
Kwetkus, B.A. Contact electrification of coal and minerals 57048
Kwiatkowski, S., Curbow, J., Enegren, T., Propp, A., Yakovlev, V.P., Petrov, V.M. RF cavity for the medium energy booster for SSCL 67111
Kwiatkowski, S. *see* Coleman, P. 67076
Kwo Wei Chang *see* Maas, S.A. 49661
Kwo-Jyr Wong, Po-Yuen Cheng, Kuo, C.-C.J. JPEG-based image compression scheme using fully-decomposed wavelet packet (FWP) transform 64677
Kwo-Sen Kuo, Welch, R.M., Weger, R.C., Engelstad, M.A., Sengupta, S.K. The three-dimensional structure of cumulus clouds over the ocean 77395
Kwock, E.W. *see* Dodabalapur, A. 56557
Kwok, C.K. *see* Vijay, D.P. 56129
Kwok, C.Y., Sheng, N.H., Asbeck, P.M. 300 ps 4 K read-only memory implemented with AlGaAs/GaAs HBT technology 55267
Kwok, C.Y. *see* Chang, C.E. 71824
Kwok, D.P. *see* Chan, R.H.T. 80542
Kwok, H.H.L. *see* Lidong Chen 92306
Kwok, H.L. *see* Chen, L. 81971
Kwok, H.S. *see* Ganapathi, L. 66349
Kwok, H.S. *see* Zheng, J.P. 72600
Kwok, K., Yieh, E., Robles, S., Nguyen, B.C. Surface related phenomena in integrated PECVD/ozone-TEOS SACVD processes for sub-half micron gap fill: electrostatic effects 70158
Kwok, K.W. *see* Cheng, D.K.W. 90096
Kwok, K.Y. *see* Ng, J.M. 85914
Kwok, N.M. *see* Lee, C.K. 60250
Kwok, N.M. *see* Lee, C.K. 100158
Kwok, P. *see* Barletta, B. 76636
Kwok, R., Rignot, E.J.M., Way, J., Freeman, A., Holt, J. Polarization signatures of frozen and thawed forests of varying environmental state 77698
Kwok, R. *see* Way, J. 77297
Kwok, R. *see* Yueh, S.H. 77535
Kwok, R. *see* Yueh, S.H. 88795
Kwok, R.W.M., Huang, L.J., Lau, W.M., Kasrai, S., Feng, X., Tan, K., Ingrey, S., Landheer, D. X-ray absorption near edge structures of sulfur on gas-phase polysulfide treated InP surfaces and at SiN_x/InP interfaces 93165
Kwok, S. *see* Kirlin, R.L. 100216
Kwok, T. *see* Rathore, H.S. 62545
Kwok, W., Wiegand, L., Channin, D.S., Wiegand, D.A. Development of the bi-directional ultrasound system for base of tongue imaging 98858
Kwok, W. *see* Huifang Sun 95758
Kwok Chee Yee *see* Chee Yee Kwok
Kwok Chung-Yin *see* Chung-Yin Kwok
Kwok-Leung Mou, Dit-Yan Yeung Gabriel networks: self-organizing neural networks for adaptive vector quantization 95230
Kwok-Leung Tsui *see* Hayter, A.J. 79448
Kwok-Tong Chau *see* Chan, C.C. 78721
Kwok-Tung Lo, Wai-Kuen Cham New classified vector quantization of images 85191
Kwok-Wah Hung, Lin Wang The least-conflict code grouping algorithm for CDMA wireless information networks 86230
Kwok-Wah Hung *see* Lin Wang 74656
Kwok-Wah Law, Cheung-Fat Chan Split-dimension vector quantization of Parcor coefficients for low bit rate speech coding 64369
Kwok-Wai Ma, Yim-Shu Lee An integrated flyback converter for DC uninterruptible power supply 68814
Kwok-Wai Ma, Yim-Shu Lee Technique for sensing inductor and DC output currents of PWM DC-DC converter 78728
Kwok-Wai Tam *see* Yuehua Wu 95383
Kwok-Yin Wong *see* Xiang-Ming Li 98875
Kwolek, K.M., Melloch, M.R., Nolte, D.D. Dynamic holography in a reflection/transmission photorefractive quantum-well asymmetric Fabry-Perot 73168
Kwon, B.H., Song, H. Highly stable power supply using digitally controlled phase-controlled rectifier and active filter 90127
Kwon, H.C., Lee, Y.H., Kim, J.M., Park, J.C. An integrated SQUID gradiometer for magnetocardiography 76890
Kwon, H.J., Shin, J.Y., Oh, J.H. The microwave absorbing and resonance phenomena of Y-type hexagonal ferrite microwave absorbers 63202
Kwon, H.M. Packet loss due to encryption in space data systems 58368
Kwon, H.M. Optical orthogonal code-division multiple-access system .I. APD noise and thermal noise 75450
Kwon, H.M. Optical orthogonal code-division multiple-access system .II. Multibits/sequence-period OOCDMA 86352
Kwon, H.M., Hwu, S.U., Ko, K.H., Chuang, Y.H., Loh, Y.C., Tu, K., Panneton, R.J. Multipath in Space Station Freedom S-band single access forward link 86300
Kwon, H.M., Schaefer, L.T. Neural network applications for jamming state information generator 86047
Kwon, K.W., Kang, C.S., Choi, G.N., Sun, Y.B., Ahn, S.T., Lee, M.Y., Lee, J.G. Ta_2O_5/TiO_2 composite films for high density DRAM capacitors 70503
Kwon, K.W., Park, S.O., Kang, C.S., Kim, Y.N., Ahn, S.T., Lee, M.Y. Degradation-free Ta_2O_5 capacitor after BPSG reflow at 850°C for high density DRAMs 93537
Kwon, K.W. *see* Yoon, J.Y. 70485
Kwon, M.-J.L. *see* Parkhurst, C.A. 75035
Kwon, O. *see* Lee, J.-L. 56004
Kwon, O.-K., Yoo, K.-S. Manoeuvre detection and target tracking in uncertain systems using FIR filters 64543
Kwon, O'D. *see* Lee, S.W. 63610
Kwon, O.J. *see* Nahm, S. 79828
Kwon, O.K. *see* Kwon, W.H. 70737
Kwon, S., Park, K., Lee, K., Hong, J. A fail-safe architecture of service control and management system for intelligent networks 96857
Kwon, S. *see* Won, S.C. 75010
Kwon, S.-I. *see* Conde, M.E. 71027
Kwon, S.-K., Kim, J.-K. New regular M-band orthogonal wavelet filter bank design using zero-insertion method 57740
Kwon, S.D. *see* Kim, C.H. 55666
Kwon, T.M. *see* Zervakis, M.E. 85008
Kwon, T.Y., Ju, J.J., Cha, J.W., Kim, J.N., Yun, S.I. Characteristics of critically phase-matched second-harmonic generation of a $Li_2B_4O_7$ crystal grown by the Czochralski method 73045
Kwon, W.H., Cho, G.H. Optimum quantum sequence control of quantum series resonant converter for minimum output voltage ripple 55126
Kwon, W.H., Suh, Y.S., Lee, Y.I., Kwon, O.K. Equivalence of finite memory filters 70737
Kwon, W.H. *see* Oh-Kyu Kwon 69656
Kwon, Y., Pavlidis, D., Brock, T.L., Streit, D.C. A D-band monolithic fundamental oscillator using InP-based HEMT's 49662
Kwon, Y. *see* Abe, K. 88115
Kwon, Y. *see* Antilogus, P. 59064
Kwon, Y. *see* Antilogus, P. 59127
Kwon, Y.I. *see* Bai, D.S. 48716
Kwon Eem Jae *see* Jae Kwon Eem
Kwon Hyuk Chan *see* Hyuk Chan Kwon
Kwon Hyuk-Moo *see* Hyuk-Moo Kwon
Kwon Jin Hyuk *see* Jin Hyuk Kwon
Kwon Jung Jang *see* Jung Jang Kwon
Kwon Ki Lyong *see* Ki Lyong Kwon
Kwon Kijin *see* Kijin Kwon
Kwon Kim In *see* In Kwon Kim
Kwon Kim Yung *see* Yung Kwon Kim
Kwon Kwang-Ho *see* Kwang-Ho Kwon
Kwon O'Dae *see* O'Dae Kwon
Kwon Oh Kyong *see* Oh Kyong Kwon
Kwon Oh-Joon *see* Oh-Joon Kwon
Kwon Oh-Kyu *see* Oh-Kyu Kwon
Kwon Sang Jik *see* Sang Jik Kwon
Kwon Sunchil *see* Sunchil Kwon
Kwon Sung-Won *see* Sung-Won Kwon
Kwon Taeg Yong *see* Taeg Yong Kwon
Kwon Taek Mu *see* Taek Mu Kwon
Kwon Woo Hyen *see* Woo Hyen Kwon
Kwon Wook-Hyun *see* Wook-Hyun Kwon
Kwon Yong Moo *see* Yong Moo Kwon
Kwon Yong-Jin *see* Yong-Jin Kwon
Kwon Young Ho *see* Young Ho Kwon
Kwon Young Kyu *see* Young Kyu Kwon
Kwon Young Se *see* Young Se Kwon
Kwon Young-Soo *see* Young-Soo Kwon
Kwon Youngwoo *see* Youngwoo Kwon
Kwong, D.-L. *see* Sarathy, J. 63467
Kwong, D.L. *see* Bhat, M. 49885
Kwong, D.L. *see* Bhat, M. 93167
Kwong, D.L. *see* Fazan, P.C. 61720
Kwong, D.L. *see* Han, L.K. 80319
Kwong, D.L. *see* Huang, T.H. 81457
Kwong, D.L. *see* Joshi, A.B. 55979
Kwong, D.L. *see* Snnikrishnan, U. 48989
Kwong, D.L. *see* Yoon, G.W. 49833
Kwong, D.L. *see* Yoon, G.W. 61342
Kwong, D.L. *see* Yoon, G.W. 71836
Kwong, D.L. *see* Yoon, G.W. 80318
Kwong, L. *see* Baji, T. 70655
Kwong, N.S.K. *see* Ungar, J.E. 94500
Kwong, R. *see* Katnani, A.D. 81718
Kwong, R. *see* Wu-Song Huang 81616
Kwong, S., Gang Wei, Jing-Zheng Ouyang High quality speech coding based on hybrid CELPC and VELPC techniques 84165
Kwong, S., Kan, S. The design and analysis of a new Chinese character encoding method 73673
Kwong, S. *see* Chan, K.L. 97101
Kwong, W.C., Prucnal, P.R. Ultrafast all-optical code-division multiple-access (CDMA) fiber-optic networks 51796
Kwong, W.C., Prucnal, P.R., Teich, M.C. Coherent subcarrier fiber-optic communication systems with phase-noise cancellation 65843

Kwong, Y.K. *see* Murdock, B. 52282
Kwong, Y.K. *see* Nandakumar, V. 50418
Kwong Chung-Ping *see* Chung-Ping Kwong
Kwong Dim-Lee *see* Dim-Lee Kwong
Kwor, R. *see* Wang, W.W. 56324
Kwor, R.Y. *see* Wang, W.W. 72162
Kwun, S.I. *see* Shin, J.C. 71568
Kwun Sook-Il *see* Sook-Il Kwun
Kwyro Lee *see* Jso-Sun Choi 80279
Ky Hoang Gia *see* Hoang Gia Ky
Kyan, J. *see* McColgin, W.C. 66480
Kyas, A., Fleischhauer, J., Steinmetz, E., Wilhelmi, H. Modification of electron detachment energy in doped graphites: thermodynamic calculations on the stability of dopants in graphites 100943
Kyberd, P. *see* Allport, P.P. 76752
Kyburz, R., Schmid, J., Popovic, R.S., Melchior, H. Highly sensitive $In_{0.53}Ga_{0.47}As/InP$ Hall sensors grown by MOVPE 52815
Kyburz, R., Schmid, J., Popovic, R.S., Melchior, H. High-performance $In_{0.53}Ga_{0.47}As/InP$ Hall sensors with doped and 2DEG channels and screening front and back gate layers 97949
Kye Yong Chan *see* Yong Chan Kye
Kyeong Deok Moon, Sang Jun Lee, Jong Kyu Lee Performance comparison between DAR and FR in grid topology circuit switched networks on common channel signaling 85369
Kyeong Hoon Do, Jun Jae Lee, Seok Je Cho, Wang Gug Lee, Yeong Ho Ha Stereo matching using analog neural network 74397
Kyeong Joo Eon *see* Eon Kyeong Joo
Kyeong Keun Choi *see* Sung Bo Hwang 71426
Kyeong Seong Hyeon *see* Hyeon Kyeong Seong
Kyeong-Keol Ryu *see* Myeong-Hwan Lee 66024
Kyeong-Sup Kim, Seong-Cho Yu, Yong-Soo Cho, Kyu-Won Lee, Chang-Seok Kim, Taik-Kee Krm Magnetic properties of nanocrystalline $Fe_{68.5}Co_5Ta_3Cu_1Si_{13.5}B_9$ alloys 63169
Kyeongcheol Yang, Kumar, P.V., Stichtenoth, H. On the weight hierarchy of geometric Goppa codes 73729
Kyeongho Lee, Sungjoon Kim, Gijung Ahn, Deog-Kyoon Jeong A CMOS serial link for 1 Gbaud fully duplexed data communication 75134
Kyeongho Lee *see* Sungjoon Kim 70430
Kyle, H.L. *see* Kiang, R.K. 54654
Kyle, R.J.S. *see* Neal, H.W. 87301
Kylner, A. *see* Hedstrom, J. 100487
Kymalainen, O., Tuomisto, H., Hongisto, O., Theofanous, T.G. Heat flux distribution from a volumetrically heated pool with high Rayleigh number 89521
Kynast, U. *see* Ronda, C.R. 56530
Kynclova, E. *see* Schalkhammer, T. 66511
Kyo Jeong Hee *see* Hee Kyo Jeong
Kyomasu, M., Suzuki, T., Okajima, K., Sahara, M. An abnormal phenomenon due to substrate bias modulation in the integrated PIN photodiode sensor with dielectric isolation 97994
Kyong Choi Yhon *see* Yhon Kyong Choi
Kyong Hon Kim *see* Chong Hoon Kwak 82543
Kyong Kwon Oh *see* Oh Kyong Kwon
Kyong Suk Kim *see* Kim Kyong Suk
Kyongho Han, Byungsik Yoon, Insung Lee, Sangwon Kang Implementation of variable rate QCELP codec using TMS320C30 DSP 75123
Kyono, C.S., Binari, S.C., Ikossi-Anastasiou, K. Gain enhancement in InAlAs/InGaAs heterojunction bipolar transistors using an emitter ledge 81813
Kyono, C.S., Ikossi-Anastasiou, K., Rabinovich, W.S., Bowman, S.R., Katzer, D.S., Tsao, A.J. GaAs/AlGaAs multiquantum well resonant, photorefractive devices fabricated using epitaxial lift-off 50579
Kyono, C.S. *see* Bowman, S.R. 72452
Kyono, C.S. *see* Tadayon, B. 62192
Kyoo Doh Myeong *see* Myeong Kyoo Doh
Kyoon Ha Lee *see* Hong Yoon Kim 52012
Kyoon Kim Tae *see* Tae Kyoon Kim
Kyoon Lee Jay *see* Jay Kyoon Lee
Kyosik Lee *see* Jae-Bum Hong 73904
Kyosik Lee *see* Youngjin Kim 73924
Kyoung Goo Mo *see* Kie Young Lee 81755
Kyoung Hahn Three dimensional multipole decomposition of fields 87914
Kyoung Lee Jae *see* Jae Kyoung Lee
Kyoung Mun Jae *see* Jae Kyoung Mun
Kyoung Soo Yi *see* Tae Moon Roh 93450
Kyoung-Ik Cho *see* Hyung-Ho Park 93184
Kyoung-Whoan Suh, Chang-Yong Park, Gui-Young Hur, Dae-Young Lee A powerful 13-tap ATDE and XPIC implemented on one chip for co-channel digital radio system 75240
Kyoya, K. *see* Matsuhata, H. 79831
Kyoya, K. *see* Sakamoto, K. 61245
Kyprianidis, I.M. *see* Petrani, M.L. 61593
Kyrazis, D.T., Wissler, J.B., Keating, D.B., Preble, A.J., Bishop, K.P. Measurement of optical turbulence in the upper troposphere and lower stratosphere 94839
Kyre, S. *see* Alexander, J.P. 59072
Kyriacou, G.A., Sahalos, J.N. Effects of substrate-superstrate uniaxial anisotropy on microstrip structures 83847
Kyriakakis, C. *see* Karim, Z. 56839
Kyriakopoulos, K. *see* Rekkas, C.M. 87528
Kyriakopoulos, K.J. *see* Curran, A. 51536
Kyser, R.H. *see* Armstrong, C.M. 75607
Kyser, R.H. *see* Choi, J.J. 62121
Kyser, R.H. *see* Park, G.S. 62102
Kyser, R.H. *see* Park, G.S. 92900
Kytin, V.G. *see* de Visser, A. 81283
Kyu Chang Park, Sung Ki Kim, Min Park, Jung Mok Jun, Kyung Ha Lee, Jin Jang Growth of high quality microcrystalline silicon by layer-by-layer deposition technique 91592
Kyu Chung Hong *see* Hong Kyu Chung
Kyu Ho Park *see* Dong Su Seong 64574
Kyu Ho Park *see* In Gook Chun 51629
Kyu Ho Park *see* Park Kyu Ho
Kyu Hyeon Kang, Jae Heung Lee, Jong Wha chong Logic synthesis algorithm for multiplexer-based FPGAs using BDD 70421
Kyu Ik Sohng *see* Sang Ho Ahn 61816
Kyu Kim Eun *see* Eun Kyu Kim
Kyu Kim Joong *see* Joong Kyu Kim
Kyu Kim Seo *see* Seo Kyu Kim
Kyu Kim Young *see* Young Kyu Kim
Kyu Kwon Young *see* Young Kyu Kwon
Kyu Lee Hong *see* Hong Kyu Lee
Kyu Lee Jong *see* Jong Kyu Lee
Kyu Noh Sam *see* Sam Kyu Noh
Kyu Park Sang *see* Sang Kyu Park
Kyu Sim Dong *see* Dong Kyu Sim
Kyu Song Suk *see* Suk Kyu Song
Kyu Tae Park *see* Hyun Meen Jung 95994
Kyu Tae Park *see* Kwang Kee Lee 64869
Kyu Tae Park *see* Sang Hoon Choi 75730
Kyu Tae Park *see* Sang Hoon Choi 75731
Kyu Whang Choi *see* Se Min Jung 78687
Kyu Yang Hyung *see* Hyung Kyu Yang
Kyu-Haeng Lee, Wook-Rae Cho, Jung-Ho Park, Jong-Sup Kim, Seung-Han Park, Ung Kim Measurement of free-carrier nonlinearities in ZnSe based on the Z-scan technique with a nanosecond laser 73053
Kyu-Pil Lee *see* Do-Chan Choi 70532
Kyu-Tae Kim, Sung-Won Kwon, Se Il Park, Rae Duk Lee A 10 V calibration system using 1 V Josephson array at KRISS 86849
Kyu-Tae Kim *see* Se Il Park 86850
Kyu-Taek Nam, Bo-Sang Lee Determining optimal supply level of switching systems and local cables: An inventory model 90848
Kyu-Won Lee *see* Hee-Tae Kim 71983
Kyu-Won Lee *see* Kyeong-Sup Kim 63169
Kyuhyun Choi *see* Moonho Kim 62686
Kyuma, K. Input techniques for 3-D image 76230
Kyuma, K. *see* Hara, K. 72658
Kyuma, K. *see* Nitta, Y. 72522
Kyuma, K. *see* Ohta, J. 82762
Kyun Kyung Lee *see* Sang Bae Park 75654
Kyun Lee Yong *see* Yong Kyun Lee
Kyun Park Chi *see* Chi Kyun Park
Kyung, C.-M. *see* Park, S.S. 70437
Kyung, C.M. *see* Hong, S.K. 49288
Kyung Bae Chough *see* Jong-In Song 92555
Kyung Chang Hye *see* Hye Kyung Chang
Kyung Cho Won *see* Won Kyung Cho
Kyung Choi *see* Changyul Cheon 83759
Kyung Choi Yoon *see* Yoon Kyung Choi
Kyung Ha Lee *see* Kyu Chang Park 91592
Kyung Hi Chang, Bliss, W.G. Limit cycle behavior of pipelined recursive digital filters 61800
Kyung Hi Chang, Bliss, W.G. Finite word-length effects of pipelined recursive digital filters 74189
Kyung Ho Kim *see* Byung Sik Chun 71689
Kyung Ho Park *see* Chih-Chen Cho 54870
Kyung Hyun Cha, Hee Chan Park, Kwang Ho Kim Effect of palladium doping and film thickness on the H_2-gas sensing characteristics of SnO_2 98169
Kyung Jin Min *see* Tae Hyuk Ahn 71367
Kyung Lee Kyun *see* Kyun Kyung Lee
Kyung Pyo Jun *see* Jun Kyung Pyo
Kyung Shik Lee *see* Byeong Ho Yoon 76228
Kyung Sik Yoon, Eun Kyu Kim, Suk-Ki Min Calculations of thickness uniformity in molecular beam epitaxial growth 79796
Kyung Suk Oh, Kuznetsov, D., Schutt-Aine, J.E. Capacitance computations in a multilayered dielectric medium using closed-form spatial Green's functions 73444
Kyung Sup Kwak *see* Deug Hwan Kim 96802
Kyung Young Cho *see* Cho Kyung Young
Kyung Yu Wee *see* Wee Kyung Yu
Kyung-Bin Song *see* Huang, G.M. 89043
Kyung-Ho Park *see* Bhattacharya, P. 93713
Kyung-Soo Suh *see* Hyung-Ho Park 93184
Kyung-Tae Kim *see* Chii-Maw Uang 84731
Kyung-Woo Yi, Watanabe, M., Eguchi, M., Kakimoto, K., Hibiya, T. Change in velocity in silicon melt of the Czochralski (CZ) process in a vertical magnetic field 54811
Kyung-Yong Kim *see* Wang-Sup Kim 50252
Kyunghwan Oh, Kilian, A., Reinhart, L., Qin Zhang, Morse, T.F., Weher, P.M. Broadband superfluorescent emission of the $^2H_4 \rightarrow {}^2H_6$ transition in a Tm-doped multicomponent silicate fiber 72741
Kyunrak Chong *see* Wonchul Do 55082
Kyuragi, H. *see* Konaka, S. 49932
Kyushik Hong, Marsh, P.F., Geok-Ing Ng, Pavlidis, D., Chang-Hee Hong Optimization of MOVPE grown $In_xAl_{1-x}As/In_{0.53}Ga_{0.47}As$ planar heteroepitaxial Schottky diodes for terahertz applications 80665
Kyushik Hong, Pavlidis, D., Youngwoo Kwon, Chang-Hee Hong MOCVD growth parameter study of InP-based materials for high-performance HEMTs 56040
Kyushima, H., Hasegawa, Y., Atsumi, A., Nagura, K., Yokota, H., Ito, M., Takeuchi, J., Oba, K., Matsuura, H., Suzuki, S. Photomultiplier tube of new dynode configuration 81159
Kyushima, H., Hasegawa, Y., Atsumi, A., Nagura, K., Yokota, H., Ito, M., Takeuchi, J., Oba, K., Matsuura, H., Suzuki, S. Photomultiplier tube of new dynode configuration 98704
Kyushima, H., Hasegama, Y., Atsumi, A., Yokota, Y., Matsuura, H., Watase, Y., Ito, M., Takeuchi, J., Oba, K. Metal package photomultiplier tube 92908
Kyusik Sin, Juren Ding, Glijer, P., Sivertsen, J.M., Judy, J.H., Jian-Gang Zhu Comparison of reproduce signal and noise of conventional and keepered CoCrTa/Cr thin film media 63183
Kyusik Sin, Sivertsen, J.M., Judy, J.H. Surface roughness and magnetic properties of in situ heated and postannealed thin films of perpendicular barium ferrite 63200
Kyutt, R.N., Khapachev, Yu.P. Determination of the thickness of epitaxial layers of different degree of perfection from the integral X-ray diffractional reflection coefficients 55617
Kyuwa, S., Yoshida, T., Yuasa, S., Omata, K., Mitamura, K. Operator training simulator with real-time transient stability analysis 53634
Kyuwa, S., Yoshida, T., Yuasa, S., Omata, K., Mitamura, K. Operator Training Simulator with real-time transient stability analysis 77944
Kyuwa, S., Yosida, T., Omata, K., Yuasa, S., Mitamura, K. Development and application of fast transient stability calculation method for a power system training simulator 68096

L.-Auger, P., Najafi, S.I. New method to design directional coupler dual wavelength multi/demultiplexer with bends at both extremities 82656
la Bathie, R.Perrier de *see* Perrier de la Bathie, R.
la Calle, L.N.Lopez de *see* Lopez de la Calle, L.N.
La Chapelle, M.de *see* de La Chapelle, M.
La Commare, G. *see* Anselmo, F. 98647
La Corte, A. *see* Andronico, M. 74883
La Corte, A. *see* Casale, S. 58137
La Corte, A. *see* Catania, V. 65235
la Court, P.de *see* de la Court, P.
La Ferla, A. *see* Galvagno, G. 81430
La Follette, P.A. *see* Tardelli, J.D. 85910
La Fontaine, J., Heim, G.J. Rotor retrofit boosts turbine output and efficiency by 1.67% 53866
la Fuente, C.de *see* de la Fuente, C.
La Fuente, L.A.De *see* De La Fuente, L.A.
la Fuente, P.de *see* de la Fuente, P.
la Fuente, R.de *see* de la Fuente, R.
la Guia, C.Quinones de *see* Quinones de la Guia, C.
la Houssaye, P.R.de *see* de la Houssaye, P.R.
La Le *see* Le La
La Manna, M. *see* Amadio, E. 77200
La Marra, D. *see* Borer, K. 98687
La Porta, T.F., Veeraraghavan, M. Description of a functional signaling architecture for broadband networks 85908
La Porta, T.F., Veeraraghavan, M., Ayanogiu, E., Karol, M., Gitlin, R.D. B-ISDN: a technological discontinuity 96780
La Porta, T.F. *see* Veeraraghavan, M. 65438
la Rochette, H.De *see* De la Rochette, H.
la Rosa, J.de *see* de la Rosa, J.
La Rosa, M. *see* Geri, A. 64095
La Rue, R.M.De *see* De La Rue, R.M.
La Scala, M., Sblendorio, G., Sbrizzai, R. Parallel-in-time implementation of transient stability simulations on a transputer network 77855
La Scala, M. *see* Granelli, G.P. 53648
La Scala, M. *see* Granelli, G.P. 77837
La Scala, N., Jr. *see* Geim, A.K. 93518
La Scala, N., Jr. *see* Sakai, J.W. 55867
la Serna, A.E.de *see* de la Serna, A.E.
la Sotta, M.C.De *see* De la Sotta, M.C.
la Taille, C.de *see* de la Taille, C.
la Tocnaye, J.-L.de Bougrenet de *see* de Bougrenet de la Tocnaye, J.-L.
la Tocnaye, J.L.de Bougrenet de *see* de Bougrenet de la Tocnaye, J.L.
La Tour, N.Dupre *see* Dupre La Tour, N.
La Tulipe, D.C., Simons, J.P., Seeger, D.E., Linehan, L.L. 0.25 μm lithography development using positive mode top surface imaging photoresist 81645
La Tulipe, D.C. *see* Ferguson, R.A. 71466
La Valley, R.W. *see* Hawn, D.J. 85797
la Vega, A.S.de *see* de la Vega, A.S.

Laag, P.C.van der *see* van der Laag, P.C.
Laakso, T., Zeng, B., Hartimo, I., Neuvo, Y. Elimination of limit cycles in floating-point implementations of direct-form recursive digital filters 49557
Laakso, T.I., Jackson, L.B. Bounds for floating-point roundoff noise 70735
Laakso, T.I., Nguyen, T.Q., Koilpillai, R.D. Designing allpass filters using the eigenfilter method 80449
Laakso, T.I., Ranta, J., Ovaska, S.J. Design and implementation of efficient IIR notch filters with quantization error feedback 61815
Laakso, T.I. *see* Nguyen, T.Q. 84348
Laaksonen, J. VVER-1000 considering its strengths and weaknesses 53877
Laaksonen, R.T., Goetsch, D.A., Owens, D.W., Poirier, D.M., Stepniak, F., Weaver, J.H. Supersonic cluster source with mass selection and energy control 70105
Laan, J.van der *see* van der Laan, J.
Laan, M.D.van der *see* van der Laan, M.D.
Laan, P.C.T.van der *see* van der Laan, P.C.T.
Laar, F.van de *see* van de Laar, F.
Laar, J.A.Van *see* Van Laar, J.A.
Laasch, M., Schwarz, R., Rudolph, P., Benz, K.W. CdTe crystal growth by a sublimation traveling heater method 69915
Laat, C.T.A.M.De *see* De Laat, C.T.A.M.
Laaziri, K., Roorda, S., Cliche, L. Density measurement of amorphous Si_xGe_{1-x} alloys 55718
Labachelerie, M.de *see* de Labachelerie, M.
Labadie, J.W., Lee, H., Boese, D., Yoon, D., Volksen, W., Brock, P., Cheng, Y., Ree, M., Chen, K.R. Polyimides with reduced dielectric anisotropy 91021
Labahn, R. A minimum broadcast graph on 63 vertices 79577
Labanti, C., Rossi, E., Schiavone, F., Spizzichino, A., Traci, A., Corba, M., Quadrini, M.E., Bird, A.J., Carter, T., Gomm, A.J.M. Imager prototype for gamma-ray astronomy: functional performance 76762
Labanti, C. *see* Quadrini, E.M. 76829
Labanti, C. *see* Rossi, E. 98694
Labarga, L. *see* Bock, B. 53325
Labarga, L. *see* Gingrich, D. 53291
Labarre, J. *see* Georgel, B. 89593
Labarre, P. *see* Trueman, C.W. 86659
Labate, D., Canavero, F., De Marchi, A. A comparison of fractal dimension and spectrum coefficient characterization of $1/f^{\alpha}$ noise 64511
Labate, D. *see* Vecchi, G. 83420
Labatut, C. *see* Aspar, B. 81287
LaBel, K. *see* Marshall, P. 75412
LaBel, K.A., Crabtree, C.M., Stassinopoulos, E.G., Wiseman, D., Moran, A.R. Heavy ion test results for electronic devices 70336
LaBel, K.A., Flanegan, M., Marshall, P., Dale, C., Stassinopoulos, E.G. Spaceflight experiences and lessons learned with NASA's first fiber optic data bus 75434
LaBel, K.A., Marshall, P., Dale, C., Stassinopoulos, E.G., Johnston, A., Crabtree, C.M., Kim, H. Single event effects on associated electronics for fiber optic systems 67726
LaBel, K.A., Way, S., Stassinopoulos, E.G., Crabtree, C.M., Hengemihle, J., Gates, M.M. Solid state tape recorders: spaceflight SEU data for SAMPEX and TOMS/Meteor-3 77141
LaBel, K.A. *see* Marshall, P.W. 65821
LaBel, K.A. *see* Thelen, D. 65822
LaBelle, M. *see* Jankovic, D. 94763
Labeque, A. *see* Lemonnier, M. 98511
Labeyrie, M. *see* Guerin, F. 66669
Labiche, J. *see* Ogier, J.M. 99130
Labio, W. *see* Cong, J. 91809
Labit, C. *see* Baaziz, N. 84777
Labonte, D., Brule, M., Laurence, M. Method of modification of the time scale of audio recordings, by playback at variable speed in real time 97737
Labonte, S. A computer simulation of radio-frequency ablation of the endocardium 88522
Laborie, G. *see* Gingrich, D. 53291
Labourdette, J.-F.P., Hart, G.W., Acampora, A.S. Branch-exchange sequences for reconfiguration of lightwave networks 97354
Laboure, E. *see* Costa, F. 68811
Laboure, M.-J. *see* Jourlin, M. 95677
Labourie, C. *see* Gaumont-Goarin, E. 56787
Labranche, B., Qun, W., Galarneau, P. Diode-pumped CW and quasi-CW Nd:GGG(Ca,Mg,Zr) laser 56682
Labranche, B. *see* Taillon, Y. 56683
Labridis, D., Hatziathanassiou, V. Finite element computation of field, forces and inductances in underground SF_6 insulated cables using a coupled magneto-thermal formulation 78130
Labrique, F. *see* Conard, J.-Ph. 90120
Labrique, F. *see* Fu, Y. 90324
Labrique, F. *see* Robyns, B. 90328
Labrique, F. *see* Robyns, B. 100423
LaBrosse Lindsley, M.M. Results of a pilot-survey about reliability-task effectiveness 79484
Labrouche, J. *see* de Mascureau, J. 67025
Labrouche, J. *see* Eyharts, Ph. 66799
Labudda, K.D., Shahidehpour, S.M. Fuzzy multiobjective approach to power system state estimation 77827
Labuntsov, V.A., Chzhan Daizhun Single-phase semiconductor compensators for passive components of the instantaneous power 99563
Labuntsov, V.A., Zhang, D.R. Single-phase solid-state compensators of the passive component of instantaneous power 53705
Labute, P. *see* Kenny, P. 84115
Labutin, S.A. *see* Mel'nikov, V.I. 89481
Laca, V. Submarine non-repeated optical-fibre cable systems 97332
Lacaita, A., Francese, P.A., Zappa, F., Cova, S. Single-photon detection beyond 1 μm: performance of commercially available germanium photodiodes 94273
Lacaita, A. *see* Zappa, F. 63575
Lacanette, K. To build data-acquisition systems that run from 5 or 3.3 V, know your ICs 97819
Lacava, F. *see* Moers, T. 67364
Lacava, J.C.da Silva *see* da Silva Lacava, J.C.
Lacava, J.C.S. *see* Lumini, F. 83857
LaCava, W., Pantiskas, C., Morse, W. Monitoring pacemaker patients 77058
Lacaze, A. *see* Bate, J.-M. 82488
Lacaze, A. *see* Estop, P. 50437
Lacaze, A. *see* Verhaege, T. 89292
Lacelle, C. *see* Sudersena Rao, T. 72895
Lacerda, M.M., Carvalho, I.C.S., Margulis, W., Lesche, B. Saturation of self-prepared frequency doubling fibres 56331
Lacerda, M.M., Carvalho, I.C.S., Margulis, W., Lesche, B. Grating evolution in frequency-doubling fibers 64002
Lacerda, M.M., Couceiro, I.B., Carvalho, I.C.S., Margulis, W., Lesche, B. Self-phase modulation effects in frequency doubling fibers studied by the heat scan technique 63395
Lacey, A. *see* Jervis, B.W. 98907
Lacey, C., Shelor, R., Cormier, A.J., Talke, F.E. Interferometric measurement of disk/slider spacing: the effect of phase shift on reflection 50268
Lacey, D. *see* Abd Majid, W.H. 71923
Lacey, D. *see* Jackson, K.P. 72648
Lacey, J.P.R., Chan, M.V., Tucker, R.S., Lowery, A.J., Summerfield, M.A. All-optical WDM to TDM transmultiplexer 86439
Lacey, J.P.R. *see* Payne, F.P. 94922
Lacey, P. *see* Basarab-Horwath, I. 87090
Lacey, W. Control system availability in hydropower plants: a case study 78496
Lach, A.A. Optimization techniques for automated insertion processes 81023
Lach, E. *see* Schilling, M. 56786
Lachab, M. *see* Harsono, S. 81258
Lachapelle, G., Klukas, R., Qiu, W., Melgard, T.E. Single point satellite navigation accuracy—what the future may bring 65726
Lachapelle, G. *see* Cannon, M.E. 65731
Lachapelle, G. *see* Lu, G. 65967
Lachapelle, G. *see* Lu, G. 97183
Lachapelle, G. *see* Melgard, T.E. 65734
Lachapelle, G. *see* Tiemeyer, B. 65971
Lacharnay, P. *see* Hocquard, P. 97648
Lachaud, G., Stern, J. Polynomial-time construction of codes .II. spherical codes and the kissing number of spheres 95113
Lachenbruch, R. *see* Pope, J., Jr. 62420
Lachgar, M. *see* Boyer, G.R. 82535
Lachi, L. *see* Biffi Gentili, G. 53449
Lachman, M.F. Field measurements of transformer single-phase exciting current as a diagnostic tool, and influence of load tap changers 78684
Lachner, L. *see* Blomer, M. 68343
Lachner, R. *see* Rein, H.-M. 80414
Lachout, P., Studeny, M., Sindelar, J. On set-valued measures 61113
Lachowicz, H.K. *see* Vertesy, Z. 63187
Lachs, G., Zaidi, S.M., Singh, A.K. Sensitivity enhancement using coherent heterodyne detection 75462
Lachs, W.R., Sutanto, D. A voltage stability indicator based on rotor heating 59737
Lachs, W.R., Sutanto, D. Different types of voltage instability 77965
Lachs, W.R. *see* Prasetijo, D. 88999
Lack, M., Wu, I.-W., King, T.J., Lewis, A.G. Analysis of leakage currents in poly-silicon thin film transistors 93402
Lackey, J. *see* Fordham, C. 59184
Lackey, J. *see* Panescu, D. 61581
Lackey, J. *see* Panescu, D. 67385
Lackey, J. *see* Wu, G. 76465
Lackey, S., Briegel, C., Chapman, L., Flora, R., Martin, K., Savord, T. A VME based quench protection monitor for the Tevatron low beta quadrupoles 76531
Lacklison, D.E. *see* Foxon, C.T. 54836
Lacklison, D.E. *see* Orton, J.W. 81324
Lackner, A.N. *see* Shin-Tson Wu 50593
Lackner, J. *see* Inculet, I.I. 64104
Laclare, J.L. Commissioning and performance of the ESRF 66829
Lacoff, N.M. *see* Bosche, E.E. 68699
Lacombe, F. *see* Cesarsky, C.J. 52955
Lacombe, J. *see* Brylinski, C. 70893
Lacoss, R.T. *see* Dudgeon, D.E. 75631
Lacoste, F. *see* Bourlion, M. 77035
Lacoste, G. Distributed transaction processing in the IBC 96451
Lacot, E., Stoeckel, F., Chenevier, M. Dynamics of an erbium-doped fiber laser 56663
Lacour, D. *see* Barrelet, E. 67352
LaCourse, J., McCoy, T. A simple electrical model of acute and chronic injury (CTD) processes 67423
LaCourse, J. *see* Schlafer, J. 72650
LaCourse, J.R. *see* Sarma, L. 67630
Lacourt, A. *see* Fanti, V. 76788
Lacovara, R.C. Application of a new simulation tool to a command and control subsystem of Space Station Freedom 53495
Lacquet, B.M., Malan, D.F. Emission of visible light from porous silicon during anodic oxidation 94261
Lacquet, B.M. *see* Aizenberg, G.E. 94041
Lacquet, B.M. *see* Aizenberg, G.E. 94233
Lacquet, B.M. *see* Bulkin, P.V. 91564
Lacroix, D. *see* Hamann, N.H. 67312
Lacroix, P. *see* Prager, B. 99132
Lacroix, S. *see* Gonthier, F. 50458
Lacroix, Y.R.J. *see* Liu, C.W. 70110
Lacy, W.K., Freeland, P.R. Taming the reflow problems in tubular solid tantalum capacitors 80914
Lacy, W.S., Camperi-Ginestet, C., Buchanan, B., Wills, D.S., Jokerst, N.M., Brooke, M. A fine-grain, high-throughput architecture using through-wafer optical interconnect 50701
Ladagin, V.K. *see* Urlin, V.D. 50734
Ladan, F.-R. *see* Vieu, C. 81740
Ladan, F.R. *see* Bernstein, P. 82380
Ladbrooke, P. The application of physics-based CAD tools 61937
Ladd, M.D., Wilson, G.R. Frequency resolution properties of the wavelet transform for detecting harmonically related narrowband signals 84504
Lademann, J., Weigmann, H.-J. Influence of different pulse duration of TEA CO_2 laser radiation on laser material interaction 59408
Ladenko, A.F. *see* Bayborodin, Yu.V. 72408
Laderman, S.S. *see* Brennan, S. 82032
Laderman, S.S. *see* Vook, D. 61908
Lades, M., Buhmann, J., Eeckman, F. Distortion invariant object recognition under drastically varying lighting conditions 85067
Ladesou, C. *see* Derycke, A. 65459
Ladner, R. *see* Riskin, E.A. 64733
Ladner, R. *see* Wang, R.Y. 84995
Ladniak, L. *see* Eichhorn, K.F. 68306
Ladouceur, F., Love, J.D., Senden, T.J. Effect of side wall roughness in buried channel waveguides 94163
Ladret, D., Cabon, B., Chilo, J., Xavier, P., Richard, J., Buisson, O. Penetration depth extraction in high temperature superconducting microwave transmission lines 61867
Laduzinsky, A.J. Being there first [fieldbus control network] 52149
Ladygin, I.N. *see* Vysotina, N.V. 83246
Laegreid, J.A. The Nordic SR-net project: implementation of the SR/Z39.50 standards in the Nordic countries 85777
Laenen, R., Laubereau, A. Generation of synchronized, independently tunable 120-fs light pulses with optical parametric oscillators 94600
Laenen, R., Wolfrum, K., Laubereau, A. Widely tunable picosecond and subpicosecond pulses in the mid-infrared by parametric three-photon interaction 94635
Laere, K.Van *see* Van Laere, K.
Laermann, K.H. *see* Fang, J. 76218
Laes, R. *see* Swetchine, J. 48646
Laface, P. *see* Baggia, P. 64389
Laface, P. *see* Fissore, L. 64338
Laface, P. *see* Fissore, L. 84038
Laface, P. *see* Fissore, L. 95325
Lafage, A., Jutand, F. I/O bandwidth optimization of VLSI architectures for matrix product-like algorithms 70598
Lafe, O. *see* Cheng, A.H.-D. 79741
Laffeter, A.M. *see* Dumas, J.M. 86528
Laflamme, C. *see* Lefebvre, R. 84104
Laflamme, C. *see* Salami, R. 73892
Laflere, W.H. *see* van Meirhaeghe, R.L. 71414
Laflin, N.J., Wright, D.T. Planning and field testing for digital terrestrial television 97546
LaFollette, R. *see* D'Agostino, J. 66499
Lafon, D. *see* Bate, J.-M. 82488
Lafond, C. *see* Srinivasan, K. 89095
Lafond, D. *see* Pantel, R. 82062
LaFontaine, F.J. *see* Vivekanandan, J. 77375
Laforest, R. *see* Larochelle, Y. 87990
Lafortune, S. *see* Elta, M. 62443
LaFrance, G., Rodriguez-Padilla, V. Integrated planning of Quebec's resources: is hydroelectric power still on trial? 53856
Lagace, S. *see* Francois, V. 82957
Lagage, P.-O., Jouan, R., Masse, P., Mestreau, P., Tarrius, A., Kaufl, H.U. TIMMI: a 10-μm camera for the ESO 3.6-m telescope 66431
Lagalante, A.F. *see* Hansen, B.N. 66721
Lagally, M.G. *see* Salling, C.T. 71539
Lagana, M. *see* Recupero, V. 60431
Lagarde, T. *see* Pelletier, J. 48980
Lagares, J. *see* Gimenez, G. 74927
Lagarto, V. *see* Acuna, C. 65389
Lagasse, P. An overview of optical communications in the RACE program 75426
Lagasse, P. *see* Batchellor, C.R. 97302

Lage, C., Burnett, D., McNelly, T., Baker, K., Bormann, A., Dreier, D., Soorholtz, V. Soft error rate and stored charge requirements in advanced high-density SRAMs 92197
Lage, C. *see* Perera, A.H. 62551
Lage, H. *see* Grahn, H.T. 62270
Lagendijk, R.L. *see* Belfor, R.A.F. 84763
Lagendijk, R.L. *see* Bosveld, F. 86733
Lagendijk, R.L. *see* Kleihorst, R.P. 57770
Lagendijk, R.L. *see* Kleihorst, R.P. 85009
Lager, I.E., Mur, G. Compatibility relations for time-domain and static electromagnetic field problems 73383
Lager, W., von Lucadou, I., Preidel, W., Ruprecht, L., Saeger, S. Electrocatalytic glucose sensor 67447
Lagergren, J. The nonexistence of reduction rules giving an embedding into a k-tree 91255
Lagergren, M.A. *see* Reininger, R. 88291
Lagerquist, R., Boldea, I., Miller, T.J.E. Sensorless-control of the synchronous reluctance motor 68582
Lagerquist, R., Boldea, I., Miller, T.J.E. Sensorless control of the synchronous reluctance motor 69053
Lagerstrom, B. *see* Benedetto, S. 82684
Lagman, A., Najjar, W.A. On the design of optimal adaptive routers for direct networks 58007
Lagnado, I. *see* Chang, C.E. 92540
Lagnese, E. *see* Schmit, H. 70413
Lagniel, J.-M. On halo formation from space-charge dominated beams 59031
Lagnier, M. *see* ten Kate, H.H.J. 76568
Lagnier, R. *see* Poncet, J.-M. 93988
Lagnier, R. *see* Seyfert, P. 94014
Lago, A. *see* Shkolnikov, P.L. 83311
Lago, E.Lopez *see* Lopez Lago, E.
Lago, P., Rovati, L., Corti, M. A sensitive polarized fluorometer for clinical tests 88388
Lago, P. *see* Rovati, L. 95658
Lago, T., Eriksson, P., Asman, M. The Symmiktos method: a robust and accurate estimation method for acoustic Doppler current estimation 99269
Lagomarsino, V. *see* Horvath, D. 53123
LaGory, K. *see* Snider, M.A. 67790
Lagoudas, D.C., Zhonghe Bo The cylindrical bending of composite plates with piezoelectric and SMA layers 93732
Lagoun, B., Bertel, L. A modular coaxial colinear antenna 95026
Lagowski, J., Kontkiewicz, A.M., Henley, W., Dexter, M. Monitoring of iron in silicon wafers in the part per quadrillion range using surface photovoltage and photo-dissociation of iron-boron pairs 81216
Lagowski, J. *see* Jastrzebski, L. 81411
Lagowski, J. *see* Ostapenko, S.S. 81204
Lagrange, V. *see* Jourdin, P. 59768
Lagranja, J.L., Garcia-Palacin, J.I., Aisa, L.A. Influence of the configuration of the optical setup on the characteristics of Doppler signals in a dual-beam laser velocimeter: evolution of signal visibility 73191
Laguarta, F., Lupon, N., Armengol, J. Optical glass polishing by controlled laser surface-heat treatment 94697
Lague, B., Rosenberg, C., Guillemin, F. On the capability of the policing function to release an ATM connection 74635
Lague, B. *see* Rosenberg, C. 96174
Lagunas, M.A. *see* Najar, M. 84455
Lahaie, P., Lecours, M., Bellon, R.A. Use of meteorological radar images to build a rain attenuation prediction model for terrestrial microwave radiocommunication 86067
Labaszow, A.J. Aviator's night vision imaging system ANVIS/HUD assessment and symbology rationale 67688
Lahav, S. *see* Hassin, R. 91260
Lahaye, T. *see* Barthe, J. 88610
Lahdenpohja, S. *see* Korteniemi, A. 68548
Lahey, R.T., Jr. *see* Park, J.-W. 89514
Lahiji, G.Roientan *see* Roientan Lahiji, G.
Lahiri, P. *see* Biswas, B.N. 70879
Lahiri, S.K. *see* Das, S. 49758
Lahiri, S.K. *see* Das, S. 81406
Lahiri, S.K. *see* Ray, S.K. 71261
Lahkotia, V. *see* Tobin, P.J. 71374
Lahlmann, P. *see* Birkl, J. 99776
Lahmann, R. *see* Anderson, B.E. 88246
Lahmann, W. *see* Luckow, F. 73188
Lahousse, L. *see* Ruddick, K.G. 53545
Lahres, M. *see* Muller-Hummel, P. 76241
Lahri, R. *see* Wang, H. 63058
Lahti, G.P., Muraida, J.E., Perchiazzi, W.T., Harden, P.A. New technologies for control room habitability assessment 78290
Lahti, M. *see* Leppavuori, S. 66204
Lahtinen, M. *see* Paasi, J. 82311
Lahu Wang *see* Peijian An 74355
Lahutsky, T. *see* Turner, A. 98114
Lai, A., Musa, L., Serci, S. The second level TOF trigger for the Obelix experiment 88215
Lai, A.K.Y. *see* Tam, W.Y. 57250
Lai, A.K.Y. *see* Tam, W.Y. 83843
Lai, A.K.Y. *see* Wong, K.W. 91937
Lai, A.K.Y. *see* Wong, K.W. 97096
Lai, A.K.Y. *see* Zhou, Q. 83453
Lai, C., Wang, Y.C., Lu, P., Wachtman, J.B., Jr., Siegel, G.H., Jr. Relation of friction and wear to processing parameters of polycrystalline diamond films grown on silicon and silica substrates by the hot filament method 61366
Lai, C.-Y. *see* Lin, J.-S. 54137
Lai, C.D. Tests of univariate and bivariate stochastic ageing 69639
Lai, C.Y. *see* Liaw, C.M. 68851
Lai, D., Wang, J., Ghazvinian, F. A novel approach to model the Viterbi decoded error sequence 95097
Lai, D.T. *see* Chou, H.P. 98100
Lai, E.C.C. Modelling of an emergency diesel generator under various operating conditions 53953
Lai, F. *see* Joshi, M. 65369
Lai, F. *see* Jou, Y.F. 51782
Lai, F.H. *see* Brown, W.L. 59809
Lai, G., Hirayama, T., Fukuhara, A., Ishizuka, K., Tanji, T., Tonomura, A. Three-dimensional reconstruction of magnetic vector fields using electron-holographic interferometry 58950
Lai, H.-J., Yu, X., Zhang, C.-Q. Small circuit double covers of cubic multigraphs 48770
Lai, H.C. *see* Rodger, D. 83497
Lai, J.-S., Chen, D. Design consideration for power factor correction boost converter operating at the boundary of continuous conduction mode and discontinuous conduction mode 54087
Lai, J.C.S. *see* Timar, P.L. 78875
Lai, J.Z.C. Recognizing occluded flat 3-D objects with internal motions based on the tracing of affine invariants 95773
Lai, K.F., Chin, R.T. Deformable contours: modeling and extraction 74594
Lai, K.K. *see* Jabri, M. 49593
Lai, L.L., Ndeh-Che, F. A new approach to protecting transmission systems with fault generated noise 59977
Lai, L.L., Ndeh-Che, F., Chari, T. Fault identification in HVDC systems with neural networks 59909
Lai, L.L., Ndeh-Che, F., Chu, K.H. Modelling, design and simulation of generator excitation systems by using object-oriented techniques and genetic algorithms 100079
Lai, L.L., Zino, M. Illustrating chaotic phenomena in a power system with computers 59691
Lai, L.L. *see* Teliani, M. 59999
Lai, L.L. *see* Wang, A.D. 60021
Lai, M., Lai, S.T., Swinger, C. Single-grating laser pulse stretcher and compressor 94564
Lai, P. *see* Barletta, B. 76636
Lai, P.T., Cheng, Y.C. A closed-form delay expression for digital BiCMOS circuits with high-injection effects 55176
Lai, R. Teaching communication protocol development using formal methods 60805
Lai, R., Bautista, J.J., Fujiwara, B., Tan, K.L., Ng, G.I., Dia, R.M., Streit, D., Liu, P.H., Freudenthal, A., Laskar, J., Pospieszalski, M.W. An ultra-low noise cryogenic Ka-Band InGaAs/InAlAs/InP HEMT front-end receiver 92521
Lai, R., Wang, H., Tan, K.L., Streit, D.C., Liu, P.H., Velebir, J., Jr., Chen, S., Berenz, J., Pospieszalski, M.W. A monolithically integrated 120-GHz InGaAs/InAlAs/InP HEMT amplifier 70913
Lai, R. *see* Kasody, R.E. 80756
Lai, R. *see* Kobayashi, K.W. 80734
Lai, R. *see* Kobayashi, K.W. 80794
Lai, R. *see* Laskar, J. 80694
Lai, R. *see* Li, X. 65050
Lai, R. *see* Nishimoto, M. 92624
Lai, R. *see* Sharma, A.K. 80690
Lai, R. *see* Sharma, A.K. 80840
Lai, R. *see* Wang, H. 92543
Lai, R.S., Ngo, K.D.T. A PWM method for reduction of switching loss in a full-bridge inverter 68788
Lai, S. *see* Ong, T.C. 70497
Lai, S.C. *see* Hammons, T.J. 89734
Lai, S.C. *see* Hammons, T.J. 99686
Lai, S.T. *see* Lai, M. 94564
Lai, S.W. *see* Perkins, G.W. 86688
Lai, W.Y.-C. *see* Baumann, F.H. 93098
Lai, Y.-C., Baxa, E.G., Jr. On the application of the LMS-based adaptive noise canceller in nonstationary environment associated with airborne Doppler weather radar 88761
Lai, Y.-T., Pedram, M., Vrudhula, S.B.K. EVBDD-based algorithms for integer linear programming, spectral transformation, and function decomposition 79634
Lai, Y.-T., Ricky Pan, K.-R., Pedram, M. FPGA synthesis using function decomposition 92020
Lai, Y.F. *see* Bai, J.Z. 53324
Lai, Y.M., Tse, C.K., Lee, Y.S. A systematic method for computer-aided modelling of switching DC/DC converters 100252
Lai, Y.S., Cao, W.L., Funk, E.E., Lee, C.H., Mao, S.N., Xi, X.X., Venkatesan, T. 500 Hz picosecond inductive energy storage pulsed power system using a high Tc superconductor opening switch 100787
Lai, Y.S., Funk, E.E., Cao, W.L., Lee, C.H., Zhi-Yuan Shen, Pang, P., Kountz, D.J., Holstein, W.L. Ultra-wide-band pulse generation and radiation using a high T_c superconductor opening switch 70899
Lai, Y.T. *see* Wang, L.Y. 70250
Lai, Y.W., Chen, Y.K., Way, W.I. Novel supervisory technique using wavelength-division-multiplexed OTDR in EDFA repeatered transmission systems 52573
Lai, Y.W. *see* Way, W.I. 98329
Lai Che-Hsi *see* Che-Hsi Lai
Lai Chun-Hung *see* Chun-Hung Lai
Lai Chung-Ping *see* Chung-Ping Lai
Lai Feipei *see* Feipei Lai
Lai Hsuan-Chin *see* Hsuan-Chin Lai
Lai Jin Cheu *see* Cheu Lai Jin
Lai Jin Pei *see* Jin Pei Lai
Lai Jin-Shin *see* Jin-Shin Lai
Lai Jiun Tsuen *see* Jiun Tsuen Lai
Lai Jiun-Tsuen *see* Jiun-Tsuen Lai
Lai Kafai *see* Kafai Lai
Lai Kuen-Chu *see* Kuen-Chu Lai
Lai lieen *see* Li Jie 89729
Lai Mao-Fu *see* Mao-Fu Lai
Lai Ming *see* Ming Lai
Lai Ming-Jun *see* Ming-Jun Lai
Lai Ming-Yee *see* Ming-Yee Lai
Lai Qingbo, Zhang Siwen, Mu Shoushan An under frequency relay with adaptability 78200
Lai Shouhong *see* Wu Longan 93425
Lai Songcan *see* Songcan Lai
Lai Wai Kuen, Cham Wai Kuen, Siu, J.L.J. A graphical reconstruction of FIR filter from its morphological kernel 84476
Lai Xuejia *see* Xuejia Lai
Lai Yen-Tai *see* Yen-Tai Lai
Lai Yeong-Lin *see* Yeong-Lin Lai
Lai Zhongsheng *see* Zhongsheng Lai
Lai-Man Po, Chok-Ki Chan Adaptive dimensionality reduction techniques for tree-structured vector quantization 64314
Laichi, F., Aboulnasr, T., Steenaart, W. Effect of delay on the performance of the leaky LMS adaptive algorithm 84313
Laico, F. *see* Fanti, V. 76788
Laidani, N., Miotello, A., Guzman, L., Tuccio, S., Calliari, L. Nitrogen-implantation induced enhanced adhesion of amorphous SiC films deposited on stainless steel and Cu 70125
Laih Chi Sung *see* Chi Sung Laih
Laiholuoto, K. *see* Gronlund, M. 87164
Laikhtman, B. *see* Naveh, Y. 71569
Laine, A., Manninen, P. Operating experience with gas turbines of the type V 64.3 at the Vuosaari A combined cycle power station 78470
Laine, A. *see* Jouvet, D. 73889
Laine, P.P. *see* Knuutila, J.E.T. 53390
Lainer, K., Leutiger, M., Schroder, D. Testing ERMES pagers with Signal Generator SME 87341
Lainiotis, D.G., Assimakis, N.D., Katsikas, S.K. New doubling algorithm for the discrete periodic Riccati equation 54782
Lainiotis, D.G., Plataniotis, K.N., Penon, D., Charalampous, C.J. Neural network application to ship position estimation 77334
Lainiotis, D.G. *see* Katsikas, S.K. 75662
Lainiotis, D.G. *see* Katsikas, S.K. 86610
Laird, D. *see* Momoh, J.A. 53743
Laird, D. *see* Momoh, J.A. 78240
Laird, D.N. *see* Momoh, J.A. 89247
Laird, P., Saul, R. Automated feature extraction for supervised learning 95835
Laird, R.J. *see* Lenkszus, F.R. 76840
Lairson, B.M., Perez, J., Baldwin, C. Application of Pd/Co multilayers for perpendicular magnetic recording 56223
Lait, L.R. *see* Redaelli, G. 77398
Laitinen, L. *see* Moilanen, H. 66188
Laiyao Fan *see* Fan Laiyao
Laiz, H., Garcia, R., Cioffi, J., Iannone, C., Martinez, G. Development of an AC/DC transfer system at the INTI 86900
Lajoie-Mazenc, M. *see* Clenet, S. 78611
Lajoie-Mazenc, M. *see* Sadowski, N. 68572
Lajugie, M. *see* Campovecchio, M. 80795
Lajzerowicz, J. *see* Cuzin, M. 59241
Lak Lee Bong *see* Bong Lak Lee
Lak Park Heung *see* Heung Lak Park
Lakatos, A. *see* Kleinod, M. 53154
Lakatos, E. *see* Munteanu, I. 62229
Lakdawala, V.K. *see* Mazzola, M.S. 55875
Lake, I.D.W., Khanniche, M.S. A real-time hysteresis controller for overcurrent relay testing 99768
Lake, R. *see* Keh-Ching Huang 93307
Lake, R. *see* Klimeck, G. 93018
Lakes, R.S. *see* Wadle, S. 56930
Lakey, M.J. *see* Hadel, J.J. 59484
Lakey, P.B. Reliability modeling and design criteria for the backpropagation artificial neural network 55356
Lakhani, A.H. *see* Rankin, L.M. 86291
Lakhani, G. Some fast residual arithmetic adders 80305
Lakhani, K.R., Alden, R.T.H. Nuclear power in Ontario—costs and issues 99834
Lakhasi, A., Skorek, A. Analysis of thermal stress and transitory deformations in the SiC-W mask irradiated with a laser-created X-ray source 93289

Lakhe, R.R., Mohanty, R.P. Understanding TQM 69603
Lakhtakia, A. Scaling of fields, sources, and constitutive properties in bianisotropic media 51064
Lakhtakia, A. Linear constitutive relations for Beltrami-Maxwell postulates 73211
Lakhtakia, A. Nonuniqueness of the inverse Laplace transform, and the debate on Harmuth's technique 73215
Lakhtakia, A., Messier, R. Reflection at the Motohiro-Taga interface of two anisotropic materials with columnar microstructures 83622
Lakhtakia, A., Weiglhofer, W.S. Are linear, nonreciprocal, biisotropic media forbidden? 83454
Lakhtakia, A. *see* Weiglhofer, W.S. 64057
Lakhtakia, A. *see* Weiglhofer, W.S. 94762
Lakhtakia, W.S., Weiglhofer, W.S. Time-harmonic electromagnetic fields in source regions in a simple uniaxial bianisotropic medium 83593
Lakkis, I., El Assad, S., Saillard, J. Optimal processing design for synthetic aperture radar 65869
Lakner, H., Bollig, B., Volmich, P., Liu, Q., Scheffer, F., Lindner, A., Frost, W. High resolution STEM Z-contrast imaging and XRD: two new approaches for the characterization of GaInP/GaAs heterostructures 81314
Lakshamn, T.V. *see* Ghosal, D. 65423
Lakshman, T.V., Bagchi, A., Rastani, K. A graph-coloring scheme for scheduling cell transmissions and its photonic implementation 58415
Lakshman, T.V. *see* Heyman, D.P. 64753
Lakshmanan, A.R., Rajan, K.G. Diagnostic X-ray imaging using photostimulable luminescence phosphor: an emerging alternative to photographic film 98793
Lakshmanan, A.S. *see* Jayachandran, M. 54991
Lakshmanan, M. *see* Murali, K. 70266
Lakshmanan, S. The robustness properties of univariate and multivariate reciprocal polynomials 61057
Lakshmi, D.R. Tropical ionosphere and radio communications 86270
Lakshmi, D.R., Reddy, B.M., Sain, M. A study of HF field strength variation in India and its prediction 58551
Lakshmi, D.R., Sain, M., Ahmed, I., Gupta, M.M., Veenadhari, B. Comparative study of measured and estimated absorption and fading of HF radio signal in the Indian zone 97020
Lakshmi Devi, A. *see* Padiyar, K.R. 68078
Lakshmikantam, Ch., Manohar, S. VMS: a VHDL Modeling System 55076
Lakshmikantam, Ch., Suresh, M., Manohar, S., Balakrishnan, G. GEMS—a rule based model generator 61481
Lakshmikantham, V., Sen, S.K., Sivasundaram, S. Concise row-pruning algorithm to invert a matrix 54764
Lakshmikantham, V., Sen, S.K., Venkaiah, V.C., Sivasundaram, S. Stabilizing Trench's algorithm to invert symmetric Toeplitz matrices 54759
Lakshmikumar, S.T., Rastogi, A.C. Plasma assisted two stage selenization process for the preparation of selenide semiconductor thin films using elemental selenium vapor 79937
Lakshminarayana, D. *see* Agarwal, A. 81266
Lakshminarayanan, S., Steigerwald, J., Price, D.T., Bourgeois, M., Chow, T.P., Gutmann, R.J., Murarka, S.P. Contact and via structures with copper interconnects fabricated using dual Damascene technology 81565
Lakshminarayanan, S. *see* Price, D.T. 54398
Lakshmivarahan, S. *see* Madabhushi, S.V.R. 91681
Lal, A. *see* Clayton, C.E. 76626
Lal, B.B., Shinohara, T. Thin-film media with compositional gradient for high-density recording 50300
Lal, B.Balaji *see* Balaji Lal, B.
Lal, M. Development of portable DC voltage standard using PZTs 52751
Lal, M., Goyal, N., Grover, A.K., Vohra, A. Photoelectrical properties of $CdZnSe_2$ 63546
Lal, R. *see* Phatak, G. 61380
Lal, V., Sawhney, I.M.S., Bansal, S.K., Prabhakar, S. Abducens nerve palsy due to spontaneous internal carotid artery dissection—a case report 88403
Lala, P.K. *see* Wang, J.Q. 80289
Lalande, F. *see* Chaudhry, Z. 82210
Lalande, P. *see* Claraz, J.L. 77769
Lalanne, S. *see* Neuman, J. 65191
Lalauze, R. *see* Bruno, L. 58878
Lalbeharry, R. *see* Tilley, D.G. 77481
Lalevic, B. *see* Yicheng Lu 49739
Lalevic, B. *see* Yoon, Y.J. 62071
Lall, B.S., Ortega, A., Kabir, H. Thermal design rules for electronic components on conducting boards in passively cooled enclosures 92702
Lall, P., Rust, C.A., Xu-Ning Shan, Hakim, E.B. Computer aided design and reliability assessment of microelectronic packages 55056
Lalle, P. *see* Durand, M. 87552
Lalle, P.A. *see* Massof, R.W. 77063
Lallemand, M. *see* Tantolin, C. 54498
Lalli, B.S., Grace, S.R. Oscillation theorems for second order neutral difference equations 54786
Lallouz, R. *see* Jackel, S.M. 94375
Lally, C.H. *see* Spooner, N.J.C. 59151
Lally, P.M. Determine power requirements for multi-signal amps 92505
Lalor, M.J. *see* Goodall, A.J.E. 84902
Lalot, J. Switching on by-pass currents during live-line maintenance operations 78145
Lalush, D.S., Tsui, B.M.W. Improving the convergence of iterative filtered backprojection algorithms 88420
Lalush, D.S. *see* Zhao, X.D. 98840
Lalwaney, P., Koren, I. Reconfigurable optical interconnects for computer vision applications 50632
Lam, A.T.W., Leung, S.H., Luk, A., Lau, W.H. Reference neighbourhood search (RNS) and its application in image coding 95915
Lam, C. *see* Cam, R. 95092
Lam, C.F. *see* Chen, E.Q. 67496
Lam, C.S., Gunes, D. A low-loss SAW filter using two-finger per wavelength electrodes on the NSPUDT orientation of quartz 93832
Lam, C.T., Yeh, R.H. Optimal maintenance-policies for deteriorating systems under various maintenance strategies 91130
Lam, D. *see* Huang, K. 77828
Lam, D. *see* MacDonald, R.I. 65541
Lam, D. *see* Salomon, M. 88108
Lam, D. *see* Salomon, M. 98618
Lam, D.M., Yee, H., Campbell, B. An improved algorithm for power system eigenvalue calculation 59698
Lam, F., Matloubian, M., Igawa, A., Chou, C., Kurdoghlian, A., Ngo, C., Jelloian, L., Brown, A., Thompson, M., Larson, L. 44-GHz high-efficiency InP-HEMT MMIC power amplifier 80752
Lam, F. *see* Cheng, L.M. 85687
Lam, F.K. *see* Lo, T.F. 98922
Lam, I. *see* Yuanda Cheng 63180
Lam, J. *see* D'Iorio, M.A. 67787
Lam, J. *see* Paciotti, M.A. 76401
Lam, J.C., Ng, A.K.W. Energy consumption in Hong Kong 100790
Lam, J.C. *see* Goodman, J.W. 50629
Lam, J.K. *see* Qiu, H. 66613
Lam, K. *see* Ahmad, R. 65084
Lam, K.-M., Yan, H. Locating head boundary by snakes 95899
Lam, K.-Y. *see* Hui, L.C.K. 83935
Lam, K.L. *see* Antonuk, L.E. 59363
Lam, K.L. *see* Antonuk, L.E. 88367
Lam, K.P., Tong, C.W. Optimisation circuits for the Bellman-Ford computation algorithm 79639
Lam, L.T.S., Lam, W.C.Y., Leung, D.N.K. A Hough-like prediction/correction approach for Ellipse detection 85178
Lam, L.T.S. *see* Lam, W.C.Y. 95847
Lam, P. *see* Bousse, L. 98738
Lam, P.C. *see* Wu, J.K. 57883
Lam, P.H.S. *see* Hau, S.S.F. 84482
Lam, P.N., Li, H.F., Leung, S.C. Optimization of state encoding in distributed circuits 49242
Lam, P.N. *see* Li, H.F. 49237
Lam, R., Ito, M.R. On the parallel implementation of OSI protocol processing systems 57973
Lam, S.-L. *see* Seidl, D.R. 68649
Lam, S.S.L. *see* Mak Tak Yum 59807
Lam, S.W.C., Ip, H.H.S. Structural texture segmentation using irregular pyramid 64860
Lam, S.W.C., Ip, H.H.S. Adaptive pyramid approach to texture segmentation 95679
Lam, T. *see* Heggestad, H.M. 74882
Lam, T.T. *see* Takano, H. 50299
Lam, W. *see* Matloubian, M. 61935
Lam, W.C.Y., Lam, L.T.S., Yuen, K.S.Y., Leung, D.N.K. An analysis on quantizing the Hough space 95847
Lam, W.C.Y., Yuen, K.S.Y., Leung, D.N.K. Fourier parameterization provide uniform bounded Hough space 85179
Lam, W.C.Y. *see* Kip, R.K.K. 84834
Lam, W.C.Y. *see* Lam, L.T.S. 85178
Lam, W.K., Wan, K.W., Shen, X., Austin, J., Vilar, E. Wideband sounding of 11.66 GHz trans-horizon channel 58304
Lam, W.K.C., Brayton, R.K., Sangiovanni-Vincentelli, A.L. Exact minimum cycle times for finite state machines 92132
Lam, W.M., Reibman, A.R., Liu, B. Recovery of lost or erroneously received motion vectors 85038
Lam, Y.C. *see* Chiu, W.K. 97982
Lam, Y.L., Singh, J. Carrier dynamics and gain saturation in quantum-well lasers 94479
Lam, Y.W. *see* Wong, S.P. 55719
Lam Chok Sing, M. *see* Dolabdjian, C. 50421
Lam Chok Sing, M. *see* Flament, S. 50422
Lam Dinming *see* Dinming Lam
Lam Fuet-Kit *see* Fuet-Kit Lam
Lam Kin-Man *see* Kin-Man Lam
Lam Nguyen Huong *see* Nguyen Huong Lam
Lam Yeeloy *see* Yeeloy Lam
Lam Yip Gar *see* Gar Lam Yip
Lama, F. *see* Bahr, C.C. 81519
LaMaire, R.O., Krishna, A., Ahmadi, H. Analysis of a wireless MAC protocol with client-server traffic and capture 96597
Lamanna, G. *see* Aleksandrov, A.V. 87901
Lamanna, G. *see* Calabrese, R. 76741
Lamanna, M. *see* Martin, A. 67356
Lamantia, A., Maranesi, P.G., Radrizzani, L. Small-signal model of the Cockcroft-Walton voltage multiplier 55124
Lamarche, F. *see* Barrelet, E. 67352
Lamare, B., Benchimol, J.L., Driad, R., Launay, P. First hydride free GaInP/GaAs carbon doped HBT grown by CBE using DMAAs and TBP 71617
Lamare, B., Benchimol, J.L., Juhel, M., Akamatsu, B., Legay, P., Alexandre, F. High carbon doping of GaAs using trisdimethylaminoarsenic and trimethylgallium in chemical beam epitaxy 81439
Lamare, J.de *see* de Lamare, J.
Lamarre, J.-M. FIRST: far-infrared and submillimeter space telescope, a major scientific project of the European Space Agency 52666
Lamarre, L. Innovations underground [power transmission] 59896
Lamas, A.C., Gobbi, A.L. Optically active defects induced by SiN_x PECVD deposition on InGaAs-An SRPL study 50697
Lamb, C.C. Multimedia—where things stand currently 65128
Lamb, D.J. *see* Chartier, V.L. 78158
Lamb, D.W. *see* Woolsey, G.A. 66397
Lamb, J.D. *see* Knebel, P. 70592
Lamb, J.W. *see* Payne, J.M. 58535
Lamb, R.N. *see* Pigram, P.J. 82563
Lamba, O.S. *see* Sharma, A. 55517
Lambadaris, I. *see* Ghazi-Moghaddam, F. 75068
Lambardi, L. *see* Basso, M. 63268
Lambeck, P.V. *see* Horst, F. 50757
Lambeck, P.V. *see* Krijnen, G.J.M. 94134
Lambek, J. Some Galois connections in elementary number theory 61098
Lambelet, P. *see* Limberger, H.G. 63398
Lambers, E.S. *see* Viljoen, P.E. 93056
Lambert, A.P. *see* Booker, S.M. 51217
Lambert, B. *see* Regolini, J.L. 91488
Lambert, B. *see* Seghier, D. 49780
Lambert, C.J., Robinson, S.J. Periodicity of the conductance of transverse SQUIDS 63291
Lambert, C.J. *see* Allsopp, N.K. 82374
Lambert, G. *see* Boussard, D. 76511
Lambert, H. *see* Aldred, B. 85764
Lambert, J. *see* Pitsillides, A. 52216
Lambert, J. *see* Pitsillides, A. 65188
Lambert, J.D.B. *see* Ukai, S. 89467
Lambert, J.F. *see* Xiying Hu 85900
Lambert, J.L. *see* Mendez, A.J. 86481
Lambert, K.P., Lloyd, D.J., Wakefield, G. Neutron counting electronics 88219
Lambert, M. The telecommunications management network — elements and structures 85519
Lambert, M. The BINOC project: A milestone for the operations systems business of AT&T 85549
Lambert, M. *see* Brendel, P. 85509
Lambert, M. *see* Chaudhury, A. 85516
Lambert, M.A. *see* Fletcher, L.S. 90986
Lambert, N.J. *see* Grant, M.F. 72368
Lambert, P. *see* Alshatti, W. 85174
Lambert, P. *see* Proust, N. 70897
Lambert, R. *see* Blake, I.F. 69799
Lambert, R.J., Bhar, T.N., Hughes, H.L. Effect of an augmented oxygen implant on electron trapping in buried oxides 62321
Lambert, R.J., Bhar, T.N., Hughes, H.L. Electron trapping in SIMOX with supplemental implant 93145
Lambert, S. *see* Doerner, M.F. 50289
Lambert, U. *see* Immenroth, H. 91411
Lambert, W.R. The impact of materials on the flammability of printed wiring board products 92681
Lambert-Nebout, C. *see* Antonini, M. 85154
Lambert-Torres, G. *see* Borges da Silva, L.E. 69097
Lamberth, L.S., Penn, C.W. Display standards for commercial flight decks 77160
Lamberti, A. *see* Yanof, A. 81586
Lamberti, A.C. *see* Liebmann, L.W. 81587
Lamberti, C. *see* Baraldi, P. 59261
Lamberton, D.M. The technology-human factor relationship 96323
Lambertson, G. *see* Schwarz, H.D. 67134
Lambertson, G.R. *see* Barry, W. 76435
Lambeth, D.N. *see* Bellesis, G.H. 53023
Lambeth, D.N. *see* Jaekyong Cho 82748
Lambeth, D.N. *see* Qibiao Chen 82724
Lambeth, D.N. *see* Velu, E.M.T. 63179
Lambeth, R., Lepley, T. Distributed photovoltaic system evaluation by Arizona Public Service Company 99987
Lambi, J.N. *see* Taylor, D.M. 61323
Lambie, M. *see* Cannella, V. 72481
Lambrecht, A. *see* Giacobino, E. 50954
Lambrecht, A. *see* Xu, J. 50866
Lambrecht, C.van den Branden *see* van den Branden Lambrecht, C.
Lambrette, U. A novel selection diversity technique for MSK using hardlimiter output 86233
Lambright, J. *see* Seaman, M.E. 79439
Lambrozo, J. *see* Gourbiere, E. 77094
Lamedica, R. *see* Capasso, A. 77845
Lamego, M.M. *see* Rey, J.P. 90569

Lamei, N., Hutchison, K.D., Crawford, M.M., Khazenie, N. Cloud-type discrimination via multispectral textural analysis 59546
Lameillieure, J.De *see* De Lameillieure, J.
Lamekin, V.F. *see* Vishnevskii, V.G. 63503
Lamel, L. *see* Bickley, C. 98980
Lamel, L.F., Gauvain, J.-L. Cross-lingual experiments with phone recognition 84080
Lamel, L.F. *see* Gauvain, J.L. 64390
Lamela Rivera, H. *see* Carpintero del Barrio, G. 50802
Lamfon, N.J., Akyurt, M., Najjar, Y.S.H. Waste heat recovery using looped heat pipes for air cooling 68468
Lamiell, J.M., Ward, J.A., Hilliard, J.K. Detection of type-specific herpes virus antibodies by neural network classification of Western blot densitometer scans 67508
Laming, R.I., Richardson, D.J., Taverner, D., Payne, D.N. Transmission of 6 ps linear pulses over 50 km of standard fiber using midpoint spectral inversion to eliminate dispersion 82580
Laming, R.I., Zervas, M.N., Payne, D.N. Second-generation fibre amplifiers for advanced optical networks 50758
Laming, R.I. *see* Capmany, J. 72552
Laming, R.I. *see* Hewak, D.W. 56708
Laming, R.I. *see* Hewak, D.W. 56726
Laming, R.I. *see* Hewak, D.W. 63708
Laming, R.I. *see* Samson, B.N. 83017
Laming, R.I. *see* Zervas, M.N. 56722
Lamm, M.J. *see* Herrup, D.A. 67257
Lamm, M.J. *see* Jaffery, T.S. 76656
Lamm, M.J. *see* Wake, M. 87685
Lammartsma, A.A. *see* Rajeswaran, S. 59291
Lammasniemi, J., Rakennus, K., Asonen, H., Pessa, M. Characteristics of indium phosphide solar cells bonded on silicon 100517
Lammasniemi, J. *see* Smekalin, K. 71371
Lammerink, T.S.J. *see* Berenschot, J.W. 56066
Lammers, M. *see* Miller, P. 68931
Lammers, M. *see* Miller, P. 78767
Lammers, M.G.M. Linears lead in ultrasmooth motion [linear servomotors] 100167
Lammers, M.S. Moving with CALS to the future 88938
Lammert, R.M., Cockerill, T.M., Forbes, D.V., Coleman, J.J. Dual-channel strained-layer in GaAs-GaAs-AlGaAs WDM source with integrated coupler by selective-area MOCVD 94503
Lammert, R.M., Cockerill, T.M., Forbes, D.V., Smith, G.M., Coleman, J.J. Submilliampere threshold buried-heterostructure InGaAs/GaAs single quantum well lasers grown by selective-area epitaxy 83162
Lammert, R.M. *see* Cockerill, T.M. 72917
Lammert, R.M. *see* Smith, G.M. 72912
Lamnabhi-Lagarrigue, F. *see* Hassine, L. 63831
Lamoglia, J.A. *see* Almeida, A.T.L. 89944
Lamont, L., Georganas, N.D. Synchronization architecture and protocols for a multimedia news service application 57996
Lamont, M. *see* Bailey, R. 76434
Lamoree, J., Le Tang, DeWinkel, C., Vinett, P. Description of a Micro-SMES system for protection of critical customer facilities 68207
Lamoree, J., Mueller, D., Vinett, P., Jones, W. Voltage sag analysis case studies 53728
Lamoree, J., Mueller, D., Vinett, P., Jones, W., Samotyj, M. Voltage sag analysis case studies 77881
Lamoree, J. *see* Le Tang 89229
Lamothe, C. *see* Perotto, J.-F. 80353
Lamp, C.D. *see* Paciotti, M.A. 76401
Lamp, P., Buschhorn, G. Measurement of electron transport in liquid argon in crossed electric and magnetic fields 63047
Lampard, G.F. *see* Crosby, D.B. 86370
Lamparniello, P. *see* Di Nallo, C. 80606
Lamparniello, P. *see* Di Nallo, C. 94925
Lamparniello, P. *see* Frezza, F. 57265
Lamparniello, P. *see* Shigesawa, H. 73530
Lampe, D.R., Adams, D.A., Austin, M., Polinsky, M., Dzimianski, J., Sinharoy, S., Buhay, H., Brabant, P., Liu, Y.M. Process integration of the ferroelectric memory FETs (FEMFETs) for NDRO FERRAM 61688
Lampe, U., Gerblinger, J., Meixner, H. Lambda detection with thin-film metal oxides using synthetic exhaust gas mixtures 58873
Lampe, U. *see* Gerblinger, J. 66551
Lampe, U. *see* Giber, J. 58890
Lampe, W., Wu, D. Dimensioning outdoor insulation for ±800 kV transmissions 53776
Lampe, W.D. *see* Wankowicz, J.G. 82166
Lampel, M., Renshan Zhang Cold test of Rocketdyne RF gun 71037
Lampert, C.M., Visco, S.J., Doeff, M.M., Ma, Y.P., He, Y., Giron, J.-C. Characteristics of laminated electrochromic devices using polyorganodisulfide electrodes 63486
Lampert, M.O. *see* Gauthier, C. 98713
Lampert, W.V. *see* Fischer, V. 93202
Lamphier, W. Precision surface mount film capacitors 80922
Lampo, E.J. *see* Zeitlin, C.J. 87954
Lampo, S.M. *see* Collins, S.R. 90420
Lamppa, D.L. *see* Tuttle, B.A. 56120
Lamprecht, K.F. *see* Rodrigues, R. 62180
Lampropoulos, G.A. *see* Anastassopoulos, V. 65879
Lampson, B.W., Lynch, N.A., Sogaard-Andersen, J.F. Correctness of at-most-once message delivery protocols 85297
Lamquin, M. *see* Jaunart, E. 50468
Lamquin, M. *see* Jaunart, E. 82566
Lamquin, M. *see* Jaunart, E. 82996
Lamquin, M. *see* Megret, P. 86407
Lamser, D.G. *see* Herr, M.D. 88366
Lamson, M., Edwards, D., Groothius, S., Heinen, G. Lead-on-chip technology for high performance packaging 91066
Lamzin, E.A. *see* Kukhtin, V.P. 72176
Lan, H., Burkley, C.J. A new adaptive algorithm for acquisition of direct-sequence spread-spectrum signals 51789
Lan, K. *see* Barakat, M. 98712
Lan, K.Y. *see* Georges, J.B. 50864
Lan, S., Ziv, A., El Gamal, A. Placement and routing for a field programmable multi-chip module 92830
Lan Chien-Piao *see* Chien-Piao Lan
Lan Dau Thi Thuy *see* Dau Thi Thuy Lan
Lan Jinhui *see* Zhou Hanchang 97995
Lan Kei May *see* Kei May Lan
Lan Leu-Shing *see* Leu-Shing Lan
Lan Qinghua, Ren Zhen, Ran Li Daily reliability dispatch of generating units 89110
Lan Sun *see* Sun Lan
Lan Tao *see* Tao Lan
Lan Yao *see* Haisen Li 95577
Lan Zhang, Luh, P.B., Xiaohong Guan, Merchel, G. Optimization-based inter-utility power purchases 53636
Lan Zhang, Luh, P.B., Xiaohong Guan, Merchel, G. Optimization-based inter-utility power purchases 77955
Lan Zhida *see* Zhida Lan
Lan-Di Li *see* De-Ling Pang 88206
Lan-Ping Wang *see* Wang Lan-Ping
Lanari, R. *see* Franceschetti, G. 67798
Lanari, R. *see* Franceschetti, G. 77679
Lancaster, C. *see* Dowell, D. 76384
Lancaster, M.J. *see* Gorur, A. 70928
Lancaster, M.J. *see* Hong, J.S. 80582
Lancaster, M.J. *see* Ivrissimtzis, L.P. 95014
Lancaster, R.A. *see* Neugebauer, G.T. 91418
Lancefield, D. *see* Billen, K. 71314
Lanchu, V.V. *see* Atroshchenko, V.A. 100048
Lanciano, M. *see* d'Ambrosio, E. 86736
Lancini, R. *see* D'Alessandro, P. 84999
Lancto, R. *see* O'Day, M.E. 79989
Land, F. *see* Farbey, B. 75812
Land, R.E. Using a function-based work program structure to budget normal work loads at a nuclear power plant 89453
Landa, G. *see* Puech, P. 81232
Landais, P. *see* Gaumont-Goarin, E. 56787
Landau, P., Schwartz, E. Subset warping: rubber sheeting with cuts 74467
Landau, R. Intelligent fault diagnosis at the Australia Telescope 97511
Landau, S., Kent, S., Brooks, C., Charney, S., Denning, D., Diffie, W., Lauck, A., Miller, D., Neumann, P., Sobel, D. Crypto policy perspectives 83927
Landberg, L. *see* Watson, S.J. 77808
Lande, T.S. *see* Soelberg, K. 49610
Lande, T.S. *see* Toumazou, C. 92370
Landegem, T.Van *see* Van Landegem, T.
Lander, K. *see* Goodyear, S.W. 72222
Lander, K. *see* Keene, M.N. 72242
Lander, L.C. *see* Yu Lo Cyrus Chang 91132
Landers, A. *see* Henschel, H. 72320
Landers, G.A. *see* Arshak, K.I. 71129
Landers, R.J., Mahant-Shetti, S.S. Multiplexer-based architecture for high-density, low-power gate arrays 70429
Landers, T. *see* Malstrom, E.M. 80984
Landers, T.L., Martin, K., English, J.R. Decision modeling for thermal stress screening of commercial electronics 69582
Landers, T.L. *see* Li Yan 91127
Landers, T.L. *see* Sadiq, M. 81034
Landers, T.L. *see* Sadiq, M. 92763
Landger, I. *see* Kolev, E. 73636
Landgraf, H.-P. *see* Howard, J. 66163
Landgraf, M. *see* Baker, A. 92225
Landgrebe, D.A. A perspective on the analysis of hyperspectral data 77257
Landgrebe, D.A. *see* Byeungwoo Jeon 77639
Landgrebe, D.A. *see* Shahshahani, B.M. 77691
Landgrebe, D.A. *see* Shahshahani, B.M. 88868
Landgren, G. *see* Lourdudoss, S. 56817
Landgren, G. *see* Streubel, K. 56792
Landgren, G. *see* Streubel, K. 83155
Landgren, G. *see* Varga, D. 56812
Landheer, D., Bardwell, J.A., Clark, K.B. Electrical properties of thin anodic oxides formed on silicon in aqueous NH_4OH solutions 55734
Landheer, D., Lu, Z.-H., Baribeau, J.-M., Huang, L.J., Lau, W.M. Capacitance-voltage characteristics of metal-insulator-semiconductor diodes with S passivation and Si interface control layers on GaAs and InP 93434
Landheer, D. *see* Kwok, R.W.M. 93165
Landi, C. *see* Bucci, G. 75856
Landi, C. *see* Bucci, G. 97790
Landi, C. *see* Bucci, G. 100169
Landi, C. *see* Bucci, G. 100851
Landi, G. *see* Adam, A. 88087
Landi, G. *see* Adam, A. 88102
Landi, G. *see* Adriani, O. 88023
Landini, G. *see* Dusi, W. 88041
Landini, G. *see* Frontera, F. 76828
Landini, G. *see* Frontera, F. 76862
Landis, A.S. Data-driven test systems 86993
Landis, D. *see* Adachi, R. 59195
Landis, D. *see* LeGros, M. 67306
Landis, D.A., Seliskar, C.J., Heineman, W.R. Fiber-optic-graded-index-lens absorbance sensor with wavelength-scanning capability 66385
Landis, D.A. *see* Goulding, F.S. 88065
Landis, D.A. *see* Goulding, F.S. 88229
Landis, D.A. *see* Goulding, F.S. 88230
Landis, D.A. *see* Goulding, F.S. 98582
Landis, D.A. *see* Goulding, F.S. 98619
Landis, D.A. *see* Goulding, F.S. 98682
Landis, D.L. *see* Singh, P. 49726
Landis, D.L. *see* Singh, P. 81094
Landis, G.A. Receivers for laser power beaming: summary of the workshop at SPRAT-XII 67739
Landis, G.A. *see* Jain, R.K. 100689
Landis, G.A. *see* Jenkins, P. 78821
Landis, R. *see* Weiss, G.J. 89592
Landis Floyd, H. *see* Cole, B.C. 60881
Landman, W.H. *see* Makowitz, H. 87937
Landmann, B. *see* Hedge, T.C. 49842
Landolt, O. Efficient analog CMOS implementation of fuzzy rules by direct synthesis of multidimensional fuzzy subspaces 49587
Landon, M. *see* Brawn, I. 98678
Landon, M. *see* Brawn, I.P. 98657
Landrath, J. *see* Juttner, W. 100892
Landraud-Lamole, A. *see* Clair, J.-J. 82528
Landrault, C. *see* Cavallera, P. 55201
Landrault, C. *see* Dumas, D. 49330
Landreau, J. *see* D'Ottavi, A. 56849
Landreau, J. *see* Nakajima, H. 75502
Landripet, V. INMARSAT M satellite communication system 97207
Landron, C.O. *see* Baldwin, G.T. 59211
Landry, J.C. *see* Ling, C.C. 58681
Landry, R., Stavrakakis, I. Non-deterministic periodic packet streams and their impact on a finite-capacity multiplexer 64949
Landry, R. *see* Lang, R.H. 77588
Landsberg, P., Zukowski, C. Generic queue scheduling: concepts and VLSI 65022
Landsberg, P.J. *see* Velamuri, R. 74869
Landsberger, L. *see* Stiharu, I. 62433
Landstorfer, F. *see* Biermann, W.-D. 57208
Landstorfer, F.M. *see* Burk, B. 57226
Landstorfer, F.M. *see* Christ, J. 58479
Landstorfer, F.M. *see* Schallner, M. 58509
Landstorfer, F.M. *see* Zhu, N.Y. 57227
Landstrass, M.I. *see* Flemish, J.R. 71078
Landwehr, B., Marwedel, P., Domer, R. OSCAR: optimum simultaneous scheduling, allocation and resource binding based on integer programming 91728
Landwehr, G. *see* Bacher, G. 63559
Landwehr, G. *see* Becker, C.R. 61260
Landwehr, G. *see* Einfeldt, S. 69944
Landwehr, G. *see* Hommel, D. 71282
Landwehr, G. *see* Hommel, D. 72872
Landwehr, G. *see* Illing, M. 63558
Landwehr, G. *see* Ruppert, P. 61288
Landwehr, G. *see* Schikora, D. 61282
Landwehr, G. *see* Waag, A. 63799
Landwehr, G. *see* Waag, A. 69995
Landwehr, G. *see* Waag, A. 71284
Landy, C.F. *see* Jackson, K.D. 69127
Landy, C.F. *see* Meyer, A.S. 69049
Landy, C.F. *see* Walliser, R.F. 60219
Landy, C.F. *see* Walliser, R.F. 60220
Lane, A. *see* Barna, G.G. 62351
Lane, A.I. Multimedia network experiment 75056
Lane, A.M. *see* Barrom, S. 63220
Lane, B. *see* Hyman, E. 91621
Lane, D.M., Stoner, J.P. Automatic interpretation of sonar imagery using qualitative feature matching 86616
Lane, D.M. *see* Dammon, C.T. 90794
Lane, G., Richardson, A.B., DeBlasio, L.M. Signal-to-noise ratio and aural assessment of broadcast reception quality 97588
Lane, G. *see* Davis, R.F. 86653
Lane, G. *see* DeBlasio, L.M. 73344
Lane, J. ATM knits voice, data on any net 58018
Lane, J. *see* Kasparis, T. 75795
Lane, L. *see* Tang, D.D. 72111
Lane, L.H. *see* Fan, L.-S. 60270
Lane, L.H. *see* Furuhata, T. 60269
Lane, M.O. Leftovers lessen Dover's growing pains [mobile substation construction] 60396
Lane, P. *see* O'Reilly, J. 52686
Lane, P.M. *see* O'Reilly, J.J. 75507
Lane, R. *see* Hall, S.A. 94120
Lane, R. *see* Salloway, A.J. 56172
Lane, R.L., Grimsley, T.J. Plasma standard cell for laboratory demonstrations and experiments 60796
Lane, R.L. *see* Fuller, L.F. 54384
Lane, W. *see* Kelleher, A. 77095
Lane, W. *see* Whiston, S. 63032
Lane, W.A. *see* Burke, K. 62976
Lane, W.A. *see* Power, J.A. 50093

Lane, W.A. *see* Power, J.A. 82069
Lanera, D., Colby, J. Seasonal variations of grounding impedance and neutral voltage in cold climates 89374
Lanera, D., Enk, J.O. A comparison of techniques and instrumentation used for the measurement of step voltage and simulated body current 89372
Laney, J. Avoiding contaminants in the manufacture of thin-film electroluminescent flat-panel displays 66620
Lanfang Zheng *see* Zheng Lanfang
Lanford, W.A. *see* Anashin, V.V. 98393
Lanford, W.A. *see* Ding, P.J. 81579
Lanfranchi, D., Dijkstra, E., Aebischer, D. A microprocessor-based analog wristwatch chip with 3 seconds/year accuracy 93797
Lang, A.E. *see* Agrawal, D. 85339
Lang, B. *see* Bischof, C. 54769
Lang, B. *see* Fogarassy, E. 61322
Lang, B. *see* Fogarassy, E. 79936
Lang, C. *see* Schweeger, G. 75960
Lang, D. *see* Lecot, C. 52937
Lang, D.D. *see* Hassenzahl, W.V. 82468
Lang, D.de *see* de Lang, D.
Lang, G. Electricity pricing in Germany 68129
Lang, H. *see* Bachmair, H. 86827
Lang, J.D., Means, J.M. Advanced design for quality avionic systems: a new roadmap for systems development 88663
Lang, J.H. *see* Bhathena, F. 69067
Lang, J.H. *see* Sepe, R.B. 53994
Lang, J.H. *see* Sepe, R.B. 68543
Lang, J.H. *see* Tucci, C.L. 68632
Lang, K. *see* Greassle, S. 59062
Lang, M., Bamberger, J. Nonlinear phase FIR filter design according to the L_2 norm with constraints for the complex error 70742
Lang, M., Bamberger, J. Nonlinear phase FIR filter design with minimum LS error and additional constraints 80445
Lang, M., Ermert, H., Heuser, L. In vivo study of online liver tissue classification based on envelope power spectrum analysis 76976
Lang, M., Frenzel, B.-C. Polynomial root finding 95425
Lang, M., Schikora, D., Widmer, T., Giftge, C., Forstner, A., Holy, V., Humenberger, J., Lischka, K., Brunthaler, G., Sitter, H., von Ortenberg, M. Structural properties of perfect ZnTe epilayers on (001) GaAs substrates 61293
Lang, M. *see* Lichtenthaler, H.K. 77677
Lang, M. *see* Waldmuller, S. 55569
Lang, O., Schlaf, R., Tomm, Y., Pettenkofer, C., Jaegermann, W. Single crystalline GaSe/WSe_2 heterointerfaces grown by van der Waals epitaxy. I. Growth conditions 69971
Lang, O., Tomm, Y., Schlaf, R., Pettenkofer, C., Jaegermann, W. Single crystalline GaSe/WSe_2 heterointerfaces grown by van der Waals epitaxy. II. Junction characterization 71154
Lang, P. *see* Horowitz, G. 81983
Lang, P.F. *see* Bai, J.Z. 53324
Lang, R., Plesner, E., Schroder, H., Spray, A. An efficient systolic architecture for the one-dimensional wavelet transform 55313
Lang, R. *see* Craighill, E. 65238
Lang, R. *see* Jackson, T.J. 59585
Lang, R. *see* Tan, B.T. 57433
Lang, R.H., Khadr, N. Enhancement effects in polarimetric radar returns: phase difference statistics 77601
Lang, R.H., Landry, R., Kilic, O., Chauhan, N., Khadr, N., Leckie, D. Effect of species structure and dielectric constant on C-band forest backscatter 77588
Lang, R.H. *see* Chauhan, N.S. 77701
Lang, R.H. *see* Saatchi, S.S. 59536
Lang, R.J., Mehuys, D., Welch, D.F., Goldberg, L. Spontaneous filamentation in broad-area diode laser amplifiers 63795
Lang, R.J. *see* Martin, R.D. 63847
Lang, R.J. *see* Mehuys, D. 94527
Lang, R.J. *see* Osinski, J.S. 94509
Lang, S., Roth, G., Green, D.A., Burhanpurkar, V. Visual measurement of orientation using ceiling features 95974
Lang, S.B. Guide to the literature of piezoelectricity and pyroelectricity 48573
Lang, T., Thevenaz, L., Ren, Z.B., Robert, Ph. Cut-off wavelength measurements of Ti:$LiNbO_3$ channel waveguides 82696
Lang, T. *see* Gerard, P. 63471
Lang, T. *see* Kaps, T. 86393
Lang, T.A. A perception of the greenhouse problem and the possibilities in the cement industry for action 60665
Lang, T.F. *see* Brown, J.K. 59308
Lang, W., Brock, D., Boyd, M. An undergraduate VLSI design course using OASIS 79166
Lang, W., Fussenegger, C., Schwab, P., Wang, X.Z., Bauerle, D. Current-density dependence of the vortex pinning energy in YBaCuO 63302
Lang, W., Steiner, P., Richter, A., Marusczyk, K., Weimann, G., Sandmaier, H. Application of porous silicon as a sacrificial layer 62472
Lang, W., Steiner, P., Schaber, U., Richter, A. A thin film bolometer using porous silicon technology 66340
Lang, W. *see* Kozlowski, F. 63596
Lang, W. *see* Mansfeld, M. 66324
Lang Hong Multiresolutional distributed filtering 51501
Lang Hong Multiresolutional target tracking using the wavelet transform 74119
Lang Li *see* Li Lang
Lang Mong Lung *see* Mong Lung Lang
Lang Tong, Guanghan Xu, Kailath, T. Blind identification and equalization based on second-order statistics: a time domain approach 74160
Lang Wenpeng *see* Liu Shudong 87391
Langan, D.A. *see* Jun Zhang 74329
Langan, P.E. Field experience with battery impedance testing 60420
Langan, P.E. Field experience with battery impedance testing 68962
Langanay, J., Brindel, P., Brun, E., Provost, J.G., Lesterlin, D., Hamaide, J.P. Frequency control and chirp compensation from an electro-optical DBR laser 83130
Langari, G. *see* Surampudi, B. 78653
Langbein, K.L. *see* Mroz, W. 53219
Langbein, W. *see* Giessen, H. 73014
Langdon, A.B. *see* Callahan, D.A. 67032
Langdon, A.B. *see* Sharp, W.M. 67033
Langdon, D. *see* Weaver, J.B. 57843
Langdon, G.G., Jr. Lossless compression of multispectral images for capture and archiving 96087
Lange, A.E. *see* Tanaka, S.T. 58782
Lange, C.H. *see* Blodgett, D.W. 63476
Lange, D.A., Gibson, G.A., Falco, C.M. MBE-codeposited iridium silicide films on Si(100) and Si(111) 61255
Lange, G.de *see* de Lange, G.
Lange, H. *see* Dreschler-Fischer, L. 77667
Lange, H.R. Speech synthesis and speech recognition: tomorrow's human-computer interfaces? 51397
Lange, J. *see* Dieker, C. 81794
Lange, J.J., Sandys, R.R. Phenomenology/sensitivity analysis of platinum silicide, indium antimonide, and mercury-cadmium-telluride detector performance in the 3 to 5 micrometer infrared band for air-to-ground applications 66501
Lange, J.J.de *see* de Lange, J.J.
Lange, K. Mobile radio organisation fields in the world of industry 75223
Lange, P.A. *see* Huhnerfuss, H. 67845
Lange, P.A. *see* Huhnerfuss, H. 99265
Lange, R. *see* Mook, G. 91675
Lange, R. *see* Schade, L. 74757
Lange, W. *see* Burger, J. 98570
Lange, W. *see* Henschel, H. 59071
Lange, W. *see* Schiffer, M. 94660
Langell, M.S. *see* Gulbransen, D.J. 66490
Langella, A., Avallone, F., Cerra, D., Toscano, E. Metrological problems in industrial furnaces quality control 86999
Langen, J. *see* Wollersheim, O. 81685
Langen, K. *see* Azimi-Garakani, D. 88158
Langen, M. *see* Braun, K. 86150
Langenbeck, B., Gaiser, H., Geissel, H., Klos, F., Morita, G., Munzenberg, G., Zweig, I. The magnets of the GSI fragment separator 76856
Langenbeck, B. *see* Blasche, K. 87828
Langenbeck, B. *see* Moritz, G. 72271
Langenbrunner, J. *see* Rusnak, B. 67128
Langenkamp, U., Lowy, H. MEGATEXT IC: leading-edge technology for teletext and graphics 65233
Langer, D.W. *see* Coalson, R.D. 72386
Langer, D.W. *see* Hong Koo Kim 70098
Langer, G. Comparison of time analysis and complex vector analysis for AC power system analysis 68017
Langer, M. *see* Drews, D. 91539
Langer, M. *see* Hahniche, J. 85814
Langevin, F. *see* Hassainia, F. 77026
Langevin, M., Cerny, E. An extended OBDD representation for extended FSMs 49310
Langford, D.S. *see* Cox, J.D. 59228
Langford, N. *see* Gloag, A. 63715
Langford, N. *see* Johnstone, W. 82995
Langford, S. *see* Cox, J.D. 59344
Langford, S.C. *see* Dawes, M.L. 91413
Langhans, L. *see* Kolmeder, C. 50753
Langhans, W. *see* Cindro, V. 98688
Langheinrich, W. *see* Rombach, P. 66186
Langheinrich, W. *see* Thakur, D.K. 63031
Langhoff, H. *see* Hammer, J.W. 82911
Langhorn, A. *see* Luongo, C.A. 94002
Langhorne, C., Carlson, C., Chowdhury, S. Wide area network performance modeling of distributed energy management systems 77945
Langland, J. *see* Brown, D. 59084
Langley, A.J., Noad, W.J., Ross, I.N., Shaikh, W. High-brightness femtosecond laser using titanium-sapphire technology and amplification in dyes 63739
Langley, A.J. *see* Cain, N. 83303
Langley, K., Fleet, D.J., Atherton, T.J. On transparent motion computation 84662
Langley, L.N., Shore, K.A. Intensity noise and linewidth characteristics of laser diodes with phase conjugate optical feedback 50842
Langley, R.J. *see* Chang, T.K. 73524
Langley, R.J. *see* El-Sheikh, A.N.A. 57219
Langley, R.J. *see* Tsang, K.K. 73526
Langlois, P., Dolabdjian, C., Robbes, D., Bloyet, D., Hamet, J.-F., Mossang, E., Thomas, O. Modelization and experiments on high T_c superconducting bolometers in the 10-90 K range of temperature 52864
Langlois, P., Piche, M. Mode-locking of diode lasers in nonlinear cavities: design considerations 56829
Langlois, P., Robbes, D., Sing, M.L.C., Gunther, C., Bloyet, D., Hamet, J.F., Desfeux, R., Murray, H. Superconducting fast microbolometers operating below their critical temperature 94031
Langlois, P.Y., Dolabdjian, C.P., Robbes, D.P., Bloyet, D., Hamet, J.F., Mossang, E., Thomas, O. Thermal modelization and experiments on the current of superconducting microbridges dependence to light in the 10-90 K range 56277
Langlois, S. *see* Arroyo, M.P. 59000
Langmann, U. *see* Briggmann, D. 86500
Langmann, U. *see* Bussmann, M. 52564
Langmann, U. *see* Lao, Z. 52288
Langmann, U. *see* Lao, Z.H. 75498
Langmann, U. *see* Pottbacker, A. 93584
Langner, A., Riess, R., Stellwag, B. Distribution balances of inorganic constituent materials in the presence of ammonia in the field of steam generation and initial condensation 89589
Langran, G., Larson, J.L., Baybrook, T.G. Coastal environmental monitoring using GIS technology 88824
Langridge, D. *see* Lawrance, W. 100042
Langru Li *see* Li Langru
Langston, M.A. *see* Kinnersley, N.G. 93544
Lanham, J. *see* Samadani, R. 98239
Lanham, N.W. *see* Wennberg, P.O. 67814
Laniado, I. *see* Goldenberg, A.A. 78880
Lanier, D., Wilkins, W. Ready reference via the Internet 58186
Lanigan, M.J. Business studies in engineering degree courses 48594
Lanigan, M.J. A structure for technological innovation 48609
Lanigan, M.J. Building a technological strategy 60821
Lanigan, M.J. Task estimating: completion time versus team size 90906
Lanin, O.J. *see* Belolaptikov, I.A. 59156
Lanitis, A., Taylor, C.J., Cootes, T.F. Automatic tracking, coding and reconstruction of human faces, using flexible appearance models 84907
Lankhorst, F.T.J.L., Bastiaens, H.M.J., Peters, P.J.M., Witteman, W.J. Formation and quenching mechanisms of the electron beam pumped $(XeRb)^+$ ionic excimer in different buffer gases 56607
Lankjaer, C. *see* Fay, B. 67534
Lannes, A., Anterrieu, E., Bouyoucef, K. Fourier interpolation and reconstruction via Shannon-type techniques. I. Regularization principle 84930
Lanni, F. *see* Aulchenko, V.M. 67341
Lanni, F. *see* Cantoni, P. 53306
Lanning, D.D. *see* Kim, K.K. 60058
Lanou, R.E. *see* Bantly, J. 88241
Lanou, R.E. *see* Bantly, J. 98590
Lanou, R.E. *see* Porter, F.S. 54048
Lanping Zhang *see* Xiaowei Yao 71883
Lans, H. *see* Nilsson, J. 97486
Lansard, E. How to improve the orbit of Doppler tracked satellites 65940
Lansberry, J.E., Wozniak, L. Adaptive hydrogenerator governor tuning with a genetic algorithm 60121
Lanser, D.A. Rebate programs available to the pulp and paper industry 79064
Lansky, R.M. *see* Sobey, C.H. 72155
Lansky, R.M. *see* Weisen, K. 50331
Lansun Shen *see* Shen Lansun
Lanting, C.J.M. *see* Guarneri, R. 65416
Lanting, C.J.M. *see* Guarneri, R.M. 51899
Lantratov, V.M. *see* Ankudinov, A.V. 62477
Lantratov, V.M. *see* Berkovits, V.L. 55740
Lantsberg, H.S. Introduction to the special section: professional communication in Russia 60849
Lantto, V., Rantala, T.S. Computer simulation of the surface energy barrier of oxidic semiconductors with mobile donors 62194
Lantto, V. *see* Rantala, T.S. 62195
Lantto, V. *see* Ruokamo, I. 66542
Lantz, B.A., McNicholl, B.P. The DESC field failure evaluation program "a cradle to grave approach" 59624
Lantz, E. *see* Gindre, D. 94620
Lantz, E. *see* Vernotte, F. 86909
Lantz, S.L., Bell, A.E., Ford, W.K., Danielson, D. W nucleation on TiN from WF_6 and SiH_4 91615
Lanyi, S., Torok, J., Rehurek, P. A novel capacitance microscope 75909
Lanyi, S. *see* Desogus, S. 71061
Lanyi, S. *see* Pincik, E. 81538
Lanz, P., Lipnicky, M., Zach, M. A dual frequency resonator 67162
Lanza, A. *see* Ambrosio, M. 53341
Lanza, A. *see* Arena, V. 98656
Lanza, A. *see* Greife, U. 98550
Lanzano, G. *see* De Filippo, E. 59061

Lanzavecchia, S., Bellon, P.L. A moving window Shannon reconstruction algorithm for image interpolation 84848
Lanzi, L., Sassoli, K., Ventura, G. NJ3600L FET as a very low-noise, cooled amplifier for infrared bolometry 98009
Lanzi, M. *see* Adami, M. 59250
Lanzieri, C. *see* Nava, F. 98507
Lanzisera, V. *see* Su, S.F. 52575
Lanzoni, I. *see* Selmi, L. 93416
Lanzoni, J.A., Tinsley, R.H., Carpenter, R.B. A lightning prevention system for nuclear operations 89440
Lanzoni, M., Favalli, M., Olivo, P., Ricco, B. An implementation of CMOS design for testability techniques for non stuck-at faults 50094
Lanzoni, M., Selmi, L., Bez, R., Manfredi, M. A test pattern to investigate the effect of capping layers on the hot carrier induced photon spectra of MOSFETs 62762
Lao, Z., Albers, J.N., Langmann, U., Schlag, E. A 20-Gb/s silicon bipolar 1:4-demultiplexer IC 52288
Lao, Z.H., Langmann, U., Albers, J.N., Schlag, E., Clawin, D. Silicon bipolar 1:16-demultiplexer for 10 Gbit/s fibre optic communication system 75498
Laopoulos, T., Tsiolis, A., Karybakas, C.A. Digital frequency-to-voltage conversion 80416
Lapadatu, D. *see* Peeters, E. 81482
Lapadatu, D. *see* Puers, B. 58735
Lapadatu, D. *see* Wouters, P. 58646
Lapaeva, S.N. *see* Volyar, A.V. 56351
Lapaeva, S.N. *see* Volyar, A.V. 94071
Lapasin, R., Sirtori, V., Casati, D. Rheological characterization of solder pastes 70997
Lapayeva, S.N. *see* Volyar, A.V. 56365
Lapegue, J. *see* Cesarsky, C.J. 52955
Laperriere, A., Martel, R. Performance of compact fluorescent lamps in exterior lighting fixtures at cold temperature 69193
Lapeyre, G.J. Development of synchrotron radiation photoemission from photoionization to electron holography 81124
Lapeyre, P. *see* Vie, M. 71549
Lapham, J. *see* Ganci, P.R. 62710
Lapides, L. *see* Dekker, R. 92081
Lapidoth, A. The performance of convolutional codes on the block erasure channel using various finite interleaving techniques 95193
LaPierre, C. *see* Kefford, D. 59092
Lapierre, M., Mercouroff, N., Pavon, J., Horrer, M., Singer, N. TINA: A software architecture for telecommunication services 96493
Lapierre, O. *see* Schneider, H. 89797
Lapin, E. *see* Baublis, V.V. 59244
Lapin, V. *see* Ariztizabal, F. 98518
Lapinski, A. *see* Bakowski, P. 90274
Lapitsky, S.N., Kurochkin, I.A., Seleznev, V.S. Development and investigation of the 2π beam loss monitors for super-high energy accelerators. I. QUAD-BLM for 'warm' machines 76561
LaPlace, C., Harmon, G., Dinkel, G. Utility communication protocol standardization IEC 870, a migration towards the utility communications architecture? 89101
Lapointe, J., Rouse, R.P., Siyuan Han, Lukens, J.E. Energy levels for an RF SQUID potential and their effect on the mean flux 63292
Laporte, A. *see* Di Martino, J.C. 75656
Laporte, B., Chabane, M., Ibtiouene, R. Optimal design for an autosynchronous motor with inset permanent magnets 89855
Laporte, B., Chabane, M., Sargos, F.M. Application of a boundary integral method to the optimization of solid rotor machines 89832
Laporte, B., Vinsard, G., Mercier, J.C. A computation method for induction motors in steady state 89954
Laporte, B. *see* Bourrieau, J. 71881
Laporte, B. *see* Kauffmann, J.M. 100073
Laporte, B. *see* Vinsard, G. 89934
Laporte, P. *see* Louis, D. 81653
LaPotin, D.P. *see* Kuehlmann, A. 91792
Lapp, J.C., Bocko, P.L., Nelson, J.W. Advanced glass substrates for flat panel displays 87377
Lappalainen, J. *see* Moilanen, H. 63110
Lappalainen, J. *see* Moilanen, H. 66188
Lappe, J.J. *see* M'Saad, H. 55820
LaPrade, N. *see* Huber, L. 67733
Laprest, J.T. *see* Braud, P. 84712
Lapreste, J.T. *see* Daucher, N. 66097
Laprie, Y. *see* Fohr, D. 64391
Lapshin, D.A. A digitally controlled phase shifter for sinusoidal signals 87046
Lapshin, V.G. *see* Britvich, G.I. 76781
Lapshin, V.P. *see* Nemtsev, I.Z. 77039
Lapson, B. *see* Kaminar, N. 90427
Lapson, B. *see* Kaminar, N. 100722
Lapson, L.B. *see* Wennberg, P.O. 67814
Laptev, G.D. *see* Golovnin, I.V. 56688
Laptev, V.A. *see* Pimenov, S.M. 81560
Laptev, V.A. *see* Varichenko, V.S. 71079
Lapucci, A., Rossetti, F., Burlamacchi, P. Beam properties of an R.F.-discharge annular CO_2 laser 82953
Lapucha, D., Pottle, D., Fellows, M. Application of on-the-fly kinematic GPS to seismic surveying 67762
Lapuh, R., Fefer, D., Drnovsek, J., Jeglic, A., Rape, R. Sensing in an AC voltage standard 97763
Lapuyade, H. *see* Fouillat, P. 82091
Laraqui, K. *see* Kavak, N. 65532
Larch, D. Genetic algorithms for terrain categorization of Landsat images 59590
Larchenko, L.G. *see* Turtsevich, A.S. 81554
Larchenko, Y. *see* Kukonin, A. 94695
Larcher, G., Traunfellner, C. On the numerical integration of Walsh series by number-theoretic methods 69861
Lardizabal, S., Dunleavy, L., Wing Yau, Bar, S. Experimental investigation of the temperature dependence of PHEMT noise parameters 81986
Lardy, L.J. The projection Kantorovich method for eigenvalue problems 69875
Lardy, M.M. *see* Selby, J. 99009
Lareau, W. Why TQM doesn't work (or, 'the failure of the carrot diet') 90851
Largay, M.M. *see* McCaskill, T.B. 87560
Large, D. In-band frequency response measurements 86750
Large, M.I., Campbell-Wilson, D., Cram, L.E., Davison, R.G., Robertson, J.G. Increasing the field size of the Molonglo Observatory Synthesis Telescope 86637
Largeau, D. *see* Seibert, K. 66381
Largent, L.K. Be a manager, go to jail: California Corporate Criminal Liability Act of 1989 54406
Largent, R.L., Skylas-Kazacos, M., Chieng, J. Improved PV system performance using vanadium batteries 99989
Lariccia, P. *see* Beier, T. 53305
Lariccia, P. *see* Fanti, V. 76788
Larimer, J. *see* Samadani, R. 98239
Larin, B.M., Korotkov, A.N. Testing of a prototype automatic chemical-control system for a demineralization plant 89565
Larinier, M. *see* Castignolles, N. 66149
Larinier, M. *see* Castignolles, N. 74281
Larionov, B. *see* Kuchinski, V. 93978
Larionov, N.P., Lukin, A.V., Mavrin, S.V., Mustafin, K.S., Nyushkin, A.A., Rafikov, R.A. Holographic testing of optical elements and systems using computer-generated in-line holograms 83372
Larionov, V.R. *see* Andreev, V.M. 50680
Lariviere, J., MacKinnon, E., Risebrough, N. Is speech recognition worth it? 98978
Larkin, A.I. *see* Aver'yanov, S.G. 83342
Larkin, A.I. *see* Volkov, L.V. 57738
Larkin, D.J., Neudeck, P.G., Powell, J.A., Matus, L.G. Site-competition epitaxy for superior silicon carbide electronics 79840
Larkin, D.J. *see* Neudeck, P.G. 55893
Larkin, D.J. *see* Neudeck, P.G. 63605
Larkin, I.A. *see* Dubrovskii, Yu.V. 81292
Larkin, R., Testa, M. Cellular telephone systems for rural areas 52344
Larkin, S.Y., Anischenko, S.E., Korotkevich, S.K., Khabayev, P.V., Korsunsky, S.V. Spectrum analysis of the poliharmonical microwave signals of MM-wave band with the use of the Josephson junction 93931
Larkins, E.C., Schneider, H., Ehret, S., Fleissner, J., Dischler, B., Koidl, P., Ralston, J.D. Influences of MBE growth processes on photovoltaic 3-5 μm intersubband photodetectors 52840
Larkins, E.C. *see* Bacumler, M. 81243
Larkins, E.C. *see* Flemig, G.W. 79865
Larkins, E.C. *see* Ralston, J.D. 83163
Larkins, E.C. *see* Schneider, H. 72876
Larkins, E.C. *see* Weisser, S. 63859
Larkins, E.C. *see* Weisser, S. 63863
Larkins, G.P. Selection, application and installation considerations for static uninterruptible power supply systems 60368
Larminie, J.R.J. Current interrupt techniques for circuit modelling 80082
Larner, C. *see* Govila, R.K. 69561
Larner, C. *see* Lau, J. 92792
Larner, C. *see* Solberg, V. 90996
Larobina, M. *see* Alfano, B. 59375
Larobina, M. *see* Bencivelli, W. 88436
Larobina, M. *see* Conti, M. 59206
LaRocca, P. *see* Beale, S. 78551
Laroche, J. A recurrence relation for the product of the nonzero eigenvalues of singular symmetric Toeplitz matrices 64507
Laroche, J., Meillier, J.-L. Multichannel excitation/filter modeling of percussive sounds with application to the piano 51470
Laroche, J., Stylianou, Y., Moulines, E. HNS: Speech modification based on a harmonic+noise model 84088
Laroche, J.M. *see* Tonneau, D. 49813
LaRochelle, S. *see* Lauzon, J. 63404
Larochelle, Y., Beaulieu, L., Djerroud, B., Dore, D., Gendron, P., Jalbert, E., Laforest, R., Pouliot, J., Roy, R., Samri, M., St.-Pierre, C. Energy-light relation for CsI(Tl) scintillators in heavy ion experiments at intermediate energies 87990
Laroia, R., Farvardin, N. Trellis-based scalar-vector quantizer for memoryless sources 73725
Laroia, R., Farvardin, N., Tretter, S.A. On optimal shaping of multidimensional constellations 95106
Laroia, R. *see* Betts, W. 96896
Laros, M. *see* Li, Y.X. 55782
LaRosa, G. *see* Shaw, P.S. 81130
Larose, C.L., Mishra, S.R., Trueman, C.W. Graphics for visualizing RCS as a function of frequency and angle 65876
Larose, C.L. *see* Mongia, R.K. 76177
Larose, C.L. *see* Trueman, C.W. 87481
Larose, G. *see* Chandonnet, A. 56680
LaRose, R., Dordick, H. The telephone in daily life: A study of personal telephone use in the United States 96525
Larose, R., Stepanov, D., Latrasse, C., Tetu, M., Ouellette, F., Duguay, M.A. Simple frequency tuning technique for locking a singlemode erbium-doped fibre laser to the centre of molecular resonances 56697
Larose, S. *see* Azad, A.M. 90379
Laroussi, R., Costache, G.I. Far-field predictions from near-field measurements using an exact integral equation solution 73395
Larrabee, T. *see* Chess, B. 49306
Larrabee, T. *see* Chess, B. 49406
Larre, A. *see* Boucaud, P. 70002
Larre, A. *see* Boucaud, P. 70036
Larreategui, M. *see* Ancin, F.J. 64344
Larreur, D. *see* Bigorgne, D. 73877
Larrue, D., Zarzycki, J., Canva, M., Georges, P., Bentivegna, F., Brun, A. Impregnated ORMOSIL matrices for efficient solid state optical gain media 72711
Larsen, A.Nylandsted *see* Nylandsted Larsen, A.
Larsen, B.H. *see* Kaplunenko, V.K. 80557
Larsen, D. *see* Bylsma, B. 59179
Larsen, D.E. *see* Brennan, C.J. 93795
Larsen, D.W. Frequency interference measurement experiment results for the space-to-space communications subsystem (SSCS) 86301
Larsen, E.C., Pilsdottir, B. Hydrogen immune Er-doped optical fibres and amplifiers 82968
Larsen, E.R. *see* Bunn, D.W. 77967
Larsen, E.V., Clark, K., Miske, S.A., Jr., Urbanek, J. Characteristics and rating considerations of thyristor controlled series compensation 68063
Larsen, E.V. *see* Swann, D.E. 68032
Larsen, J. *see* Durwood, K.L. 61642
Larsen, J. *see* Hansen, K.V. 67751
Larsen, J.E., Abe, H., Itoh, T., Ishii, K. Advanced power range neutron monitor system for BWRs 67294
Larsen, K.S. *see* Boyar, J. 73669
Larsen, P.K., Dormans, G.J.M., Taylor, D.J., van Veldhoven, P.J. Ferroelectric properties and fatigue of $PbZr_{0.51}Ti_{0.49}O_3$ thin films of varying thickness: blocking layer model 82146
Larsen, P.K., Kampschoer, G.L.M., van der Mark, M.B., Klee, M. Ultrafast polarization switching of lead zirconate titanate thin films 56105
Larsen, P.K. *see* Klee, M. 63078
Larsen, R. *see* Bennett, G. 76550
Larsen, T. Extended effective output noise temperatures of multiresponse systems 98294
Larsen, W.E., Nielsen, G.A., Tyler, D.A. Precision navigation with GPS 97493
Larson, B. *see* Cummings, W.J. 64116
Larson, D.J. *see* Gillies, D.C. 61221
Larson, D.J., Jr., Casagrande, L.G., Marzio, D.D., Levy, A., Carlson, F.M., Lee, T., Black, D., Wu, J., Dudley, M. Producibility improvements suggested by a validated process model of seeded CdZnTe vertical Bridgman growth 91419
Larson, D.J., Jr. *see* Casagrande, L.G. 91420
Larson, D.J., Jr. *see* Di Marzio, D. 92960
Larson, G.L. *see* Donoghue, P. 90612
Larson, J. *see* Deits, S. 92734
Larson, J.D. *see* Deits, S.H. 92720
Larson, J.D. *see* Makowitz, H. 87937
Larson, J.L. *see* Langran, G. 88824
Larson, L. *see* Gardan, D. 86382
Larson, L. *see* Lam, F. 80752
Larson, L. *see* Matloubian, M. 61935
Larson, L.E. *see* Brown, A.S. 56022
Larson, L.E. *see* Brown, J.J. 55409
Larson, L.E. *see* Kaviani, K. 49990
Larson, L.E. *see* Rosenbaum, S.E. 92615
Larson, R. *see* Pei, J. 79394
Larson, R.I. *see* Donohue, B.F. 79395
Larson, S.L. *see* Sen, P.K. 78103
Larson, T. *see* Chethik, F. 75361
Larson, V., Novak, L., Stewart, C. Joint spatial-polarimetric whitening filter to improve SAR target detection performance for spatially distributed targets 75568
Larson, V. *see* Stewart, C. 52639
Larsson, A. Suppressed discharges in a negative plane-rod electrode gap subjected to a SI voltage in atmospheric air 89345
Larsson, A. *see* Jonsson, U. 68262
Larsson, A.G. *see* Hagberg, M. 50852
Larsson, A.G. *see* Hagberg, M. 55797
Larsson, B. *see* Crawford, J.F. 77054
Larsson, B. *see* Gustavsson, A. 75616
Larsson, B. *see* Izzard, M.J. 70712
Larsson, J. *see* Starczewski, T. 73049
Larsson, J. *see* Svanberg, S. 50784
Larsson, J.E. Diagnostic reasoning strategies for means-end models 58635
Larsson, M.I., Hansson, G.V. Modelling and application of synchronization of nucleation by means of intermittent radiant heating 61241

Larsson, M.I., Ni, W.-X., Hansson, G.V. Temperature-induced manipulation of nucleation during Si and Ge molecular-beam epitaxy 91442
Larsson, M.I., Wei-Xin Ni, Joelsson, K., Hansson, G.V. Growth of high quality Ge films on Si(111) using Sb as surfactant 79816
Larsson, M.I. *see* Ni, W.-X. 79857
Larsson, P. Bounds on constant weight codes correcting localized errors 73705
Larsson, P., Svensson, C. Noise in digital dynamic CMOS circuits 61646
Larsson, P., Svensson, C. Impact of clock slope on true single phase clocked (TSPC) CMOS circuits 61649
Larsson, R. *see* Nilsson, M. 65418
Larsson, S. *see* Crouzeix, M. 69895
Larsson, S.A., Bohm, C., Carnebrink, T., Hovander, B., Bergqvist, M., Ribbe, T., Eriksson, L., Widen, L. A preliminary evaluation of a cylindrical SPECT-camera 59361
Larsson, T. *see* Kiss, L.B. 56235
Larsson, U. *see* Bruno, G. 96452
Larsson-Edefors, P. A 470-MHz CMOS true single-phase clocked bit-serial arithmetic unit 49364
Laruaz, P.T. *see* Rivoire, A. 70634
Larzabal, P., Clergeot, H. Non-asymptotic statistical behaviours of 'ML' methods for bearing estimation 84413
LaSalle, R.T. *see* Lourenco, L.M. 58999
Lasance, C.J.M. Accurate temperature prediction in consumer electronics: a must but still a myth 79431
Lasance, C.J.M. Pragmatic methods for determining the parameters required for the thermal analysis of electronic systems 79432
Lascari, P. *see* Flaherty, J.P. 65900
Lasermann, K. *see* Hild, B. 100965
Lashkari, B.H. *see* Patel, N.G. 90453
Lasinski, P. *see* Zieren, V. 75796
Laska, L. *see* Mroz, W. 53219
Laskai, L., Enjeti, P., Pitel, I.J. A unity power factor electronic ballast for metal halide lamps 69196
Laskar, J., Lai, R., Bautista, J.J., Hamai, M., Nishimoto, M., Tan, K.L., Streit, D.C., Liu, P.H., Lo, D.C., Ng, G.I. Enhanced cryogenic on-wafer techniques for accurate $In_xGa_{1-x}As$ HEMT device models 80694
Laskar, J. *see* Lai, R. 92521
Laskar, J. *see* Nishimoto, M. 92624
Laskaris, E.Trifon *see* Trifon Laskaris, E.
Laske, C. Legal aspects of digital image management and communication 79211
Laskowski, E.J. *see* Lentine, A.L. 56420
Laskowski, E.J. *see* Woodward, T.K. 63617
Laslett, L.J. *see* Caspi, S. 87785
Laslett, L.J. *see* Fawley, W.M. 67031
Lasnier, C.J., Allen, S.L., Felker, B., Fenstermacher, M.E., Ferguson, S.W., Hulsey, S.D., Hooper, E.B., Jackson, M.C., Makowski, M.A., Meyer, W.H., Moller, J.M., Petersen, D.E., Sampayan, S.E., Stallard, B.W., Fields, W.F., Oasa, K. Burst mode FEL with the ETA-III induction linac 63879
Lasnier, C.J. *see* Allen, S.L. 63878
Lasota, R. Reduction of switching arc energy in direct current hybrid switches with GTO thyristors 90269
Lasota, R. *see* Goldschmidt, O. 61106
Lassahn, M., Trenkler, G. Vectorial calibration of 3-D magnetic field sensor arrays 86943
Lassen, C.L. Multichip modules and their impact on the printed circuit industry 91069
Lassen, H.E. *see* Tromborg, B. 63833
Lasseter, R.H., Zhou, J. TACS enhancements for the Electromagnetic Transient Program 53643
Lasseter, R.H., Zhou, J. TACS enhancements for the electromagnetic transient program 77946
Lasseter, R.H. *see* Jalali, S.G. 77866
Lasseter, R.H. *see* Jalali, S.G. 78057
Lasseter, R.H. *see* Johnson, B.K. 89205
Lasseter, R.H. *see* Lee, J.-C. 53635
Lassig, S.E. *see* Chang, C.Y. 93172
Lassus, M. Smart cards: an industry from an idea 92825
Last, D. *see* Bian, Y. 86625
Last, J.D. *see* Roberts, G. 99286
Last, J.R., Bertolini, E., Bonicelli, T., Dolgetta, N., Presle, P., Zullo, G. JET TF coil faults—detection, diagnosis and prevention 83541
Last, J.R. *see* Dolgetta, N. 83540
Laster, J.D., Reed, J.H. A survey of adaptive single channel interference rejection techniques for wireless communications 65579
Lasto, H. Hot gas vs. infrared rework 81007
Lastovskii, S.B., Marchenko, I.G. Charge exchange of deep levels stimulated by electron irradiation in silicon with avalanche breakdown 55633
Lastovskii, S.B. *see* Korshunov, F.P. 55594
Laszewski, R.M. *see* Dolfini, S.M. 76854
Laszewski, R.M. *see* Mandeville, J.B. 76855
Laszlo, C.A. *see* Yunquan Chen 98890
Lataire, P. Vectors in electric drives and why a convertor should be installed on the mains side 69039
Lataire, P. *see* Beya, K. 78580
Lataire, P. *see* Neyens, J. 68518
Lataitis, R.J. *see* Clifford, S.F. 53540
Latchman, S. Effect of cable and towbody parameters on tension and cable length when towing at 200 m depths and 10 knots 97456
Latenko, V.I. *see* Kononenko, A.G. 87547
Latess, J. *see* Kingsley, S.A. 87252
Latess, J. *see* Naghski, D.H. 72417
Latge, A. *see* Anda, E.V. 92997
Latge, A. *see* Ribeiro, F.J. 81293
Lath, A. *see* Shapiro, G. 76455
Latha, K., Satya Mohan, K., Ravinder, D. Dielectric behaviour of mixed Mn-Zn ferrites 56089
Latham, J.K. *see* Guy, J.T. 81078
Latham, J.R. *see* Strang, W.M. 89255
Latham, P.E., Lawson, W., Irwin, V., Hogan, B., Nusinovich, G.S., Matthews, H.W., Flaherty, M.K.E. High power operation of an X-band gyrotwistron 62095
Latham, P.E., Nusinovich, G.S. Optimum operation of gyrotwistrons 71044
Latham, P.E., Nusinovich, G.S., Cheng, J. Stability of gyrotwistrons 71043
Latham, P.E. *see* Calame, J.P. 55512
Latham, P.E. *see* Calame, J.P. 81156
Latham, P.E. *see* Lawson, W. 76377
Latham, P.E. *see* Matthews, H.W. 92890
Latham, P.E. *see* Nusinovich, G.S. 76843
Latham, R.V. *see* Xu, N.S. 81127
Lathrop, D.K. *see* Koch, R.H. 72226
Lathrop, D.K. *see* Koch, R.H. 93946
Latombe, J.-C. *see* Schweikard, A. 98945
Latour-Henner, A. *see* Bjorkman, N. 96416
Latrach, M. *see* Monediere, Th. 72068
Latrasse, C., de Labachelerie, M. Frequency stabilization of a 1.5-μm distributed feedback laser using a heterodyne spectroscopy method for a space application 57025
Latrasse, C. *see* Larose, R. 56697
Latrasse, C. *see* Poulin, M. 83230
Latrasse, C. *see* Poulin, M. 86911
Latry, O., Ketata, M., Girard, P., Ketata, K., Debrie, R. Optimisation of tapered fiber for optimal coupling with PIN photodiode 82568
Latry, O. *see* Ketata, M. 52907
Lattanzi, L. *see* O'Reilly, P. 85940
Lattarulo, F. *see* Amoruso, V. 73216
Lattarulo, F. *see* Amoruso, V. 83470
Latting, J.Kantambu *see* Kantambu Latting, J.
Lattmann, J. *see* Sixdorf, J. 66135
Latukhina, N.V., Rozhkov, V.A., Romanenko, N.N. Silicon MOS structures with dysprosium and lutecium oxides and the diffusion of rare-earth elements in silicon 81388
Latush, E.L., Sem, M.F., Koptev, Yu.V., Bukshpun, L.M., Atamas, S.N. Strontium and calcium vapor recombination lasers: excitation mechanisms, operation regimes, and applications 94350
Latush, E.L. *see* Atamas', S.N. 63640
Latush, E.L. *see* Atamas', S.N. 63917
Latushkin, S.T., Leonov, V.V., Ogloblin, A.A., Yudin, L.I., Yarosh, V.E., Yartsev, D.I. The outlook of MPC-10 cyclotron use for the solution of applied problems 76319
Latussek, V. *see* Becker, C.R. 61260
Latvakoski, H. *see* Stacey, G.J. 66416
Latyev, S.M., Mitrofanov, S.S. Choosing the number of readout systems of a photoelectric angle converter 98300
Latynin, V.A. *see* Smirnov, V.P. 59517
Latypov, D. *see* Pissanetzky, S. 93970
Latz, D.L. *see* Dewey, W.C. 98805
Lau, B. *see* Chao, T.-H. 56488
Lau, B. *see* Chao, T.-H. 57833
Lau, B. *see* Fang, W.-C. 74506
Lau, B. *see* Tien-Hsin Chao 74459
Lau, C.T. *see* Nicholas, V.C.H. 96638
Lau, F. *see* Jacobs, H. 93396
Lau, J., Krulevitch, T., Schar, W., Heydinger, M., Erasmus, S., Gleason, J. Experimental and analytical studies of encapsulated flip chip solder bumps on surface laminar circuit boards 92814
Lau, J., Yi-Hsin Pao, Larner, C., Govila, R., Twerefour, S., Gilbert, D., Erasmus, S., Dolot, S. Reliability of 0.4 mm pitch, 256-pin plastic quad flat pack no-clean and water-clean solder joints 92792
Lau, J. *see* Solberg, V. 90996
Lau, J.H. Bending and twisting of 60Sn40Pb solder interconnects with creep 70183
Lau, J.H. Creep of solder interconnects under combined loads 91053
Lau, K. *see* Cutrer, D. 83055
Lau, K. *see* Liu, T.M. 61659
Lau, K. *see* Sung, J.M. 71827
Lau, K.-H., Aldeen, M. A decentralised estimation scheme for an interconnected power system 59820
Lau, L.K. *see* Hochreiter, L.E. 60070
Lau, M. *see* Gabara, T. 49201
Lau, M. *see* Gabara, T. 54526
Lau, M.W.S. *see* Yeo, C.Y. 73182
Lau, M.Y. *see* Day, R.-L. 48680
Lau, P.K. *see* Chui, A. 60556
Lau, R., Rosenfeld, R., Roukos, S. Trigger-based language models: a maximum entropy approach 73841
Lau, S.D., Donnelly, J.P., Wang, C.A., Rediker, R.H. Integrated AlGaAs waveguide components for optical phase difference measurement and correction 72413
Lau, S.D. *see* Risk, W.P. 50553
Lau, S.S. *see* Fu, S.-L. 49772
Lau, S.S. *see* Pappert, S.A. 56422
Lau, S.S. *see* Redwing, J.M. 79804
Lau, S.S. *see* Yu, P.K.L. 71180
Lau, S.T., Shiraishi, T., Ballantyne, J.M. Scattering matrix analysis of a triangular ring laser 50894
Lau, T. Building a hypermedia information system on the Internet 96695
Lau, W.H. *see* Lam, A.T.W. 95915
Lau, W.M., Huang, L.J., Chang, W.H., Bello, I., Abraham, T., King, M. Nanometer p-n junction formation and characterization 93031
Lau, W.M. *see* Chang, W.H. 49887
Lau, W.M. *see* Chang, W.I. 93229
Lau, W.M. *see* Kwok, R.W.M. 93165
Lau, W.M. *see* Landheer, D. 93434
Lau, W.S. *see* Zhiqiang Zhao 98019
Lau, W.T.J. *see* Panda, S.K. 89894
Lau, Y.Y., Liu, Y., Parker, R.K. Electron emission: from the Fowler-Nordheim relation to the Child-Langmuir law 62062
Lau, Y.Y., Luginsland, J.W., Gilgenbach, R.M. Beam breakup in an annular beam 87701
Lau, Y.Y. *see* Cha-Mei Tang 62092
Lau, Y.Y. *see* Cha-Mei Tang 92893
Lau, Y.Y. *see* Derbenev, Ya.S. 59015
Lau, Y.Y. *see* Menge, P.R. 87700
Lau Buon Sing *see* Buon Sing Lau
Lau Kai *see* Kai Lau
Lau Kei May *see* Kei May Lau
Lau Kei-Shun *see* Kei-Shun Lau
Lau Ping Lin *see* Ping Lin Lau
Lau Wai Shing *see* Wai Shing Lau
Lau Wing Hung *see* Wing Hung Lau
Laub, A.J. *see* Andrews, A. 91363
Laub, A.J. *see* Diggavi, S.N. 74006
Laub, A.J. *see* Diggavi, S.N. 95619
Laub, A.J. *see* Erickson, M.A. 61197
Laub, A.J. *see* Ianculescu, G.D. 67736
Laub, A.J. *see* Kenney, C.S. 69785
Laube, G. *see* Cebulla, U. 65812
Laube, G. *see* Schilling, M. 56786
Lauber, J.A. *see* Allport, P.P. 76752
Lauber, W.R., Bertrand, J.M. HF atmospheric noise levels in the Canadian Arctic 57131
Laubereau, A. *see* Laenen, R. 94600
Laubereau, A. *see* Laenen, R. 94635
Lauby, M.G. *see* Paserba, J.J. 68209
Lauck, A. *see* Landau, S. 83927
Laude, J.P. *see* St. Ville, L.J. 97300
Laude, V., Refregier, P. Multicriteria characterization of coding domains with optimal Fourier spatial light modulator filters 72551
Lauder, R.D.T., Tropper, A.C., Hanna, D.C., Vasil'ev, P.P., Penty, R.V., White, I.H., Davey, S.T., Szebesta, D. Diode-pumped amplification of Q-switched AlGaAs diode laser to high power using fluoride fibre amplifier 72782
Lauder, R.D.T. *see* Percival, R.M. 83013
Lauder, R.D.T. *see* Tropper, A.C. 56699
Laudet, P. *see* Nouel, P. 75673
Lauer, R.B. *see* Xiaolin Lu 75468
Lauffenburger, J. *see* Wang, W.W. 56324
Lauger, K. *see* Xu, J. 76237
Lauger, K. *see* Xu, J.B. 75910
Laughlin, D.E. *see* Eppler, W.R. 72063
Laughlin, D.E. *see* Rogers, D.J. 71998
Laughlin, D.E. *see* Sui, X. 50250
Laughlin, D.E. *see* Suwabe, S. 50235
Laughlin, D.E. *see* Wong, B.Y. 63199
Laughlin, N.K. *see* Reinemann, D.J. 79068
Laughton, F.R., Marsh, J.H., Barrow, D.A., Portnoi, E.L. The two-photon absorption semiconductor waveguide autocorrelator 63429
Laughton, M.A., Hawken, A., Chui, D., Ekwue, A.O., Macqueen, J.F., Taylor, A. Fuzzy techniques for voltage control on the NGC system 59752
Laughton, M.A. *see* Saleh, A.O.M. 78587
Laugier, P., Cherin, E., Berger, G. Split spectrum processing for enhanced detection of the ultrasonic echo of a moving target in biological tissues 98779
Laugier, P. *see* Baldeweck, T. 98789
Laugks, J. *see* Kleinmann, L. 67908
Laukkanan, M.J. *see* Karkkainen, K.H.A. 64308
Lauknes, I., Johnsen, H. A near-realtime geolocated and radiometric corrected low-resolution ERS-1 SAR image product 67786
Laumond, Y. *see* Verhaege, T. 53840
Laumond, Y. *see* Verhaege, T. 89292
Laumond, Y. *see* Verhaege, T. 89367
Launay, P. *see* Lamare, B. 71617
Launspach, J. *see* de Mascureau, J. 67025
Launspach, J. *see* Eyharts, Ph. 66799
Laurell, T., Rosengren, L. A micromachined enzyme reactor in (110)-oriented silicon 67442
Laurence, M. *see* Labonte, D. 97737
Laurend, P. Guided-weapon detection-tracking strategy in the face of weather, terrain and countermeasures 59627
Laurendeau, D. *see* Gagnon, H. 74591
Laurendeau, D. *see* Pitre, L. 87303
Laurendeau, D. *see* Verreault, S. 95831
Laurendeau, N.M. *see* Partridge, W.P., Jr. 94371
Laurenson, D.I., Cruickshank, D.G.M., Povey, G.J.R. A computationally efficient multipath

channel simulator for the COST 207 models 58350
Laurenson, D.I., McLaughlin, S., Sheikh, A.U.H. The application of ray tracing and the geometrical theory of diffraction to indoor channel modelling 97106
Laurent, A., Gary, F., Cajal, D., Velleaud, G., Mercier, M. Analysis of the movement of an electric arc by means of a matrix of microcoils 90278
Laurent, B., Pichaud, B., Lhorte, A., Quoirin, J.B. Platinum segregation and platinum silicide precipitation in Si/SiO_2 interfaces and along dislocations 81379
Laurent, G., Ghiazza, D. Real landscape and virtual towers 53719
Laurent, H. *see* Olsson, N. 98509
Laurent, J.C., Malhame, R.P. A physically-based computer model of aggregate electric water heating loads 79006
Laurent, N. *see* Duboz, Y. 75993
Laurent, P., Gabsi, M., Multon, B. Sensorless rotor position analysis using resonant method for switched reluctance motor 60199
Laurent, P. *see* Clairon, A. 86868
Laurenti, A. *see* Dolgetta, N. 83540
Laurenti, A. *see* Dormicchi, O. 82486
Laurenti, G., Gardini, G. The contribution of the CEI regulations to the development of electric cables 68245
Laurenti, G. *see* Crotty, I. 67347
Laureti-Palma, A. *see* Assanto, G. 83265
Lauria, D. *see* Chiodo, E. 99609
Laurich, B.K. *see* Tuszewski, M. 62395
Laurijs, M.O.E. *see* Braat, J.J.M. 56375
Laurinavicius, A., Pozela, K. Electromagnetic radiation control in metallic waveguide with gyrotropic semiconductor wall 83667
Lauritzen, P.O. *see* Budihardjo, I. 61546
Lauritzen, P.O. *see* Budihardjo, I. 93446
Lauritzen, P.O. *see* Ma, C.L. 93445
Lauritzen, P.O. *see* Yee, H.P. 91888
Lauro, A. *see* Ambrosio, M. 53341
Lauro, A. *see* Arena, V. 98656
Laursen, A., Olkin, J., Porter, M. Oracle Media Server: providing consumer based interactive access to multimedia data 65345
Laursen, K., Hertling, D., Berry, N., Bidstrup, S.A., Kohl, P., Arroz, G. Measurement of the electrical properties of high performance dielectric materials for multichip modules 58947
Laursen, N.G. *see* Gardeniers, J.G.E. 49896
Lausen, H., Klein, T., Bersiner, L., Bosch, R., Koerkamp, M.M.K., Donckers, M.C., Hams, B.H.M., Horsthuis, W.H.G. Pigtailed thermo-optic 1×2-switch in polymer: Design and experimental evaluation 86024
Lausman, R.L. *see* Mitas, D.W. 89575
Lausterer, G.K. Power plant economic benefit of advanced control 99532
Lautanala, K. Toward a more intelligent network 85937
Laute, A. A novel differential QPSK-demodulator: The general principle of operation 80189
Lautenschlager, H. *see* Schindler, R. 100630
Lautenschlager, H. *see* Warta, W. 81184
Lautenschlager, M. Minimize substation outage time by maximizing in-service testing 68918
Lauterbach, G.W. The liability debate 60688
Lautzenheiser, R.G. *see* Barkeshli, S. 83603
Lauwereins, R. *see* Beiu, V. 93523
Lauwereins, R. *see* Bruck, J. 97589
Lauwers, A. *see* Tavares, J. 81353
Lauwers, P. *see* Bellon, E. 88473
Laux, C.H. *see* Burchhardt, U. 78432
Laux, P. *see* Huang, H.C. 80781
Laux, S.E. *see* Abramo, A. 81195
Laux, S.E. *see* Fischetti, M.V. 62643
Laux, S.E. *see* Frank, D.J. 62822
Lauzon, J., Poirier, M., Thibault, S., LaRochelle, S., Blouin, A., Ouellette, F. Anisotropy of photoinduced index change in Ge-doped optical fiber 63404
Lavagetto, F., Arzerello, D., Caranzano, M. Lipreadable frame animation driven by speech parameters 98992
Lavagetto, F., Curinga, S. Object-oriented scene modeling for interpersonal video communication at very low bit-rate 96539
Lavagetto, F., Traverso, P. Causal estimation of the displacement field for implicit motion compensation 57780
Lavagetto, F. *see* Bellotto, W. 57784
Lavagno, A. *see* Gervino, G. 67290
Lavagno, L., Kishinevsky, M., Lioy, A. Testing redundant asynchronous circuits by variable phase splitting 92012
Lavagno, L. *see* Yakovlev, A. 80245
Lavalle, C. *see* Amar, F. 77586
LaValley, R. *see* Oh, E.M. 92738
Lavan, E. *see* Combarel, L. 97655
Lavayssiere, B. *see* Georgel, B. 89593
Lavayssiere, B. *see* Lefevre, M. 85111
Lave, L. *see* Hendrickson, C. 90894
Lavelha, A.C., Moreira de Souza, J., Ribeiro do Val, J.B. Approximate analysis of multiqueue systems with multiple cyclic servers 74680
Lavelle, M.G. *see* Deering, M.F. 80336
Lavelle, S., Wood, D., Hydes, A. Empirical models in semiconductor processing: optimisation and assessment as simulators 62348
Lavely, L.L., Mastalio, K.I., Ohlmacher, T.M. Circulating dry scrubber (CDS): cost effective FGD for clean coal plants 89645
Lavender, W.M. *see* Thompson, A.C. 88381
Lavenier, D., McConnell, R. From behavioral to RTL models: an approach 70359
Lavenier, D. *see* Banatre, J.P. 70412
Lavenier, D. *see* Frison, P. 80356
Laver, J. *see* Wrench, A.A. 98988
Laverdure, J.P. *see* Howard, T.J. 88621
Laverriere, G. *see* Fanti, V. 76788
Lavers, D. *see* Gyimesi, M. 83506
Lavers, J.D. *see* Bonert, R. 79014
Lavers, J.D. *see* Chen, Q. 83514
Lavers, J.D. *see* Oka, H. 53080
Lavers, J.D. *see* Shao, K.R. 83503
Lavers, J.D. *see* Tsukerman, I. 89843
Laverty, M. *see* Fong, K. 67227
Laveuve, E. *see* Keradec, J.P. 54063
Lavey, W.G. Suggestions for forming multinational telecommunications joint ventures 85406
Laviale, D. *see* Palleau, J. 81107
Lavialle, G. *see* Dumont, D. 89518
Lavie, M.-P. *see* Charra, F. 81255
Lavielle, M. *see* Gamboa, F. 95590
Lavin, J.M. *see* Messina, M.J. 78204
Lavine, J.P. *see* McColgin, W.C. 66480
Lavine, J.P. *see* Nichols, D.N. 66046
Lavine, J.P. *see* Stevens, E.G. 98079
Lavine, R.T. *see* Ruth, R.D. 66791
Lavine, T.L. *see* Farkas, Z.D. 66824
Lavine, T.L. *see* Hantista, C. 66823
Lavine, T.L. *see* Hoag, H.A. 66816
Lavine, T.L. *see* Vlieks, A.E. 67011
Lavocat, P. *see* Gingrich, D. 53291
Lavoie, C. *see* Johnson, S.R. 54879
Lavoie, C. *see* Mak, A. 71273
Lavoie, J.-M. *see* Capolla, N. 57002
Lavoie, M., Que-Do, V., Houle, J.L., Davidson, J. Real-time simulation of power systems stability using parallel digital signal processors 88955
Lavoie, M.A. *see* Rogers, J.L. 91437
Lavoie, P., Haccoun, D., Savaria, Y. A systolic architecture for fast stack sequential decoders 51351
Lavoro, E. *see* Gilardi, C. 52354
Lavoro, E. *see* Gilardi, C. 97212
Lavrenova, E.N. *see* Aleshin, A.N. 66708
Lavrentev, A.A. *see* Tigin, D.V. 72532
Lavretskiy, E.I. Analysis of a phased antenna array based on circular waveguides using Galerkin's method 64214
Lavretskiy, Y.I. *see* Barabanov, A.R. 83745
Lavrov, B.A. *see* Blinov, I.F. 78481
Lavryk, N.V. *see* Piletsky, S.A. 66258
Law, A.M., McComas, M.G. Simulation of communications networks 74823
Law, B. Signalling in the ATM network 75063
Law, H.H., Sapjeta, J., Chidsey, C.E.D., Putvinski, T.M. Protective treatments for nickel-based contact materials 70971
Law, H.H. *see* Feuer, M.D. 66672
Law, J. *see* Athow, D. 78091
Law, J.D., Chertok, A., Lipo, T.A. Design and performance of field regulated reluctance machine 89896
Law, K.-K. *see* Hu, S.Y. 94501
Law, K.C.H. *see* Brown, W.L. 59809
Law, K.H. *see* Aluru, N.R. 50038
Law, K.T., Hill, D.J., Godfrey, N.R. Robust coordinated AVR-PSS design 78015
Law, K.T., Hill, D.J., Godfrey, N.R. Robust controller structure for coordinated power system voltage regulator and stabilizer design 89094
Law, K.W., Chan, C.F. Novel quantization schemes for multi-pulse coder at 5 kbps 95336
Law, M.E. *see* Heemyong Park 71363
Law, M.E. *see* Heemyong Park 93122
Law, M.E. *see* Minchang Liang 81760
Law, O.M.K., Salama, C.A.T. GaAs split phase dynamic logic 55210
Law Kwok-Wah *see* Kwok-Wah Law
Law Wai-On *see* Wai-On Law
Lawandy, N.M. *see* Bernardin, J.P. 63926
Laway, N.A., Gupta, H.O. An efficient method for generation, storage and retrieval of data for the coordination of directional relays 59992
Lawes, R.A. *see* Mathieson, D. 100184
Lawes, S.T., Clarke, T. A large-scale transputer network application: the aero-mechanical simulation of a single-rotor helicopter for control system design 67673
LaWhite, N. *see* Chedid, R. 100032
Lawler, B., Harrison, L., Kim, J., Wen, D., Pinter, J. High-frame-rate CCD imager with nonlinear charge sampling 66469
Lawler, J. *see* Tyrrell, G.C. 91585
Lawler, W., Harrison, L., Levine, P.A., Sauer, D.J., Hseuh, F.L., Shallcross, F.V., Meary, G.M., Taylor, G.C. Performance of high-frame-rate, back-illuminated CCD imagers 66465
Lawler, W. *see* Levine, P.A. 66466
Lawler, W.B. *see* Giza, M.M. 76089
Lawless, P.A., Yamamoto, T., Poteat, S., Boss, C., Nunez, C.M., Ramsey, G.H., Engels, R. Characteristics of a fast rise time power supply for a pulsed plasma reactor 68784
Lawlor, B. Digital filters simplified 80435
Lawlor, C.M. *see* Williams, E.W. 76099
Lawlor, M.A., Hinton, O.R., Adams, A.E., Sharif, B. Design of a real time parallel processing system for synthetic aperture sonar processing 58501
Lawlor, M.A. *see* Adams, A.E. 51484
Lawn, M.A. *see* Fisk, P.T.H. 86912
Lawrance, W., Langridge, D., Johnston, D. Low wind speed wind generation scheme 100042
Lawrence, A. *see* Fieret, J. 63666
Lawrence, B.A. *see* Walker, N.P. 57655
Lawrence, B.L. *see* Kim, D.Y. 83329
Lawrence, C.R., Herbig, T., Readhead, A.C.S. Reduction of ground spillover in the Owens Valley 5.5-m telescope 58534
Lawrence, D. *see* Covell, S. 52015
Lawrence, D.R. *see* Albery, W.J. 76247
Lawrence, E. *see* Kikushima, K. 86347
Lawrence, I., Haacke, S., Mariette, H., Ruhle, W.W., Ulmer-Tuffigo, H., Cibert, J., Feuillet, G. Exciton tunneling revealed by magnetically tuned interwell coupling in semiconductor double quantum wells 93013
Lawrence, J.D., Persons, W.L., Preckshot, G.G., Gallagher, J. Evaluating software for safety systems in nuclear power plants 78283
Lawrence, K. *see* Nelson, S. 76156
Lawrence, K.C. *see* Nelson, S.O. 87612
Lawrence, M.R. At the cutting edge—the view of practitioners. Chartered Engineer's view 69442
Lawrence, P.J., Jr., Berarducci, M.P. Comparison of federated and centralized Kalman filters with fault detection considerations 65993
Lawrence, R. Improving turbine output 78413
Lawrence, R.J. Analytic models for hypervelocity particle shield analysis 88628
Lawrence, R.K. *see* Cristoloveanu, S. 71641
Lawrence, R.W. Technology enablers for residential broadband services in today's loop environment 85967
Lawrence, V.B. *see* Ahamed, S.V. 96843
Lawrenson, B. *see* Keatch, R.P. 75955
Lawrie, B.W. *see* Hughes, T.A.T. 67583
Lawrie, R.J. Premium efficiency motors slash electric costs 69284
Lawrie, R.J. Nine great ideas to improve your electrical maintenance 78529
Lawrie, R.J. New regulations assure fire pump reliability 78705
Lawrie, R.J. Center-hung cable tray installs fast 89329
Lawrie, R.J. How standards guide control of motor noise 100060
Laws, J. *see* Burnett, I. 52504
Lawson, B.D., Guedry, F.E., Rupert, A.R., Anderson, A.M. Attenuating the disorienting effects of head movement during whole-body rotation using a visual reference: further tests of a predictive hypothesis 99060
Lawson, C.M., Michael, R.R. Optical low-coherence reflectometry (OLCR) for dimensional monitoring of sheet-grown silicon 53050
Lawson, C.M. *see* Michael, R.R. 52925
Lawson, C.M. *see* Zhai, T. 63961
Lawson, J. *see* Bharj, S. 80627
Lawson, J. *see* Bharj, S. 92587
Lawson, N.J., Halliwell, N.A., Coupland, J.M. Particle image velocimetry: image labeling by use of adaptive optics to modify the point-spread function 74441
Lawson, P.R. The Sydney University PAPA camera 87295
Lawson, S. Direct approach to design of PCAS filters with combined gain and phase specification 61809
Lawson, W., Latham, P.E., Specht, V., Lee, M.K.E., Qian, Q., Calame, J.P., Hogan, B., Granatstein, V.L., Reiser, M., Striffler, C.D. Design of a 100 MW, 17 GHz second harmonic gyroklystron experiment 76377
Lawson, W. *see* Calame, J.P. 55512
Lawson, W. *see* Calame, J.P. 76376
Lawson, W. *see* Calame, J.P. 81156
Lawson, W. *see* Flaherty, M.K.E. 81149
Lawson, W. *see* Latham, P.E. 62095
Lawson, W. *see* Matthews, H.W. 92890
Lawson, W.G. *see* Aabo, T. 89277
Lawson-Choco, L. *see* Arnaudon, L. 66851
Lawton, S., Ward, D.D., Cloude, S.R., Dawson, J.F. Hybrid time domain modelling for automotive EMC 54234
Lax, B. *see* Harris, N.W. 80598
Lax, M. *see* Li, X. 83298
Laxdal, R.E., Kuo, T., Mackenzie, G.H., Root, L., Papash, A. Reducing phase-dependent emittance growth with local flattopping 66951
Laxon, S. Sea ice altimeter processing scheme at the EODC 77474
Laxon, S.W. *see* Scott, R.F. 88739
Lay, M.D. *see* Boardman, R.J. 55528
Lay, S.A. The application of expert system technology in routine fault diagnosis of rotating equipment 68549
Lay Ming-Yi *see* Ming-Yi Lay
Lay Shyh-Rong *see* Shyh-Rong Lay
Layadi, A.N. *see* Neitzert, H.C. 81465
Layadi, N., Roca i Cabarrocas, P., Gerri, M., Marine, W., Spousta, J. Excimer-laser-assisted

RF glow-discharge deposition of amorphous and microcrystalline silicon thin films 61372
Laybourn, P.J.R. *see* Krauss, T. 56766
Laycock, P.J. *see* Gott, G.F. 94831
Laycock, W.J. Meeting customers needs! The development of advanced protection systems 60000
Laycock, W.J. *see* Booth, C. 59812
Layendecker, R. *see* Gatenby, D.A. 48643
Layet, J.M. *see* Chezeaux, J.C. 71050
Layfield, A.M. *see* Jia, X.D. 70244
Layfield, A.M. *see* Ng, P.K.H. 70245
Layman, P.A. *see* Ashton, R.A. 50032
Layman, P.A. *see* McAndrew, C.C. 62752
Layne, J.R. *see* Paschall, R.N. 88676
Layton, C.F., Shepherd, W.T., Johnson, W.B., Norton, J.E. Enhancing human reliability with integrated information systems for aviation maintenance 59487
Layton, D. *see* Gaska, T. 88666
Lazanu, S. *see* Biggeri, U. 88056
Lazanu, S. *see* Biggeri, U. 98598
Lazar, A.A., Pacifici, G., Pendarakis, D.E. Modeling video sources for real-time scheduling 95698
Lazar, A.A., Tseng, K.H., Koon Seng Lim, Choe, W. A scalable and reusable emulator for evaluating the performance of SS7 networks 51916
Lazar, A.A. *see* Ngoh, L.H. 75076
Lazar, J. *see* Zemanek, P. 94562
Lazar, M.S., Bruton, L.T. Fractal block coding of digital video 74494
Lazar, S.C. *see* Ehoud, A. 80713
Lazarakis, F., Tombras, G.S., Dangakis, K. Average channel capacity in a mobile radio environment with Rician statistics 83686
Lazarev, A.V. *see* Kornilov, G.V. 99371
Lazarev, N.V. *see* Kapchinskiy, I.M. 76313
Lazarev, P.I. *see* Gritsenko, O.V. 92839
Lazarev, S.D. *see* Babichev, A.P. 66521
Lazarev, Yu.A. *see* Beraud, R. 67398
Lazarevic, B. *see* Paunovic, D. 74790
Lazarevic, Z. *see* Osmokrovic, P. 78233
Lazaro, S., Alonso, L., Alonso, C., de la Fuente, P., Llamas, C. Isolated word recognition with a hybrid neural network 95275
Lazarouk, S., Baranov, I., Maiello, G., Proverbio, E., De Cesare, G., Ferrari, A. Anisotropy of porous anodization of aluminium for VLSI technology 81552
Lazarov, R.D. *see* Ewing, R.E. 48873
Lazarovici, C. *see* Lazarovici, D. 59231
Lazarovici, D., Lazarovici, C., Cimpoca, V., Ruscu, R., Caragheorgheopol, G., Halmagean, E., Udrea-Spinea, M., Negru, S., Paunescu, A., Staicu, L. X-ray dosimetry with low capacitance silicon detector 59231
Lazarus, M.J. Ellipsoidal and hyperboloidal lens aperture functions for computation of Fraunhofer diffraction patterns 51236
Lazarus, R.B., Meyer, F.M. Realization of a dynamically reconfigurable preprocessor 59462
Lazdins, J. *see* Spigulis, J. 94239
Lazebnik, F., Ustimenko, V.A., Woldar, A.J. Properties of certain families of 2*k*-cycle-free graphs 48778
Lazerson, A.G. *see* Zhelezovskii, E.E. 49200
Lazic, D. *see* Baglin, C. 59083
Lazic, L. *see* Djuric, Z. 52843
Lazofson, L. *see* Preston, E. 87299
Lazofson, L. *see* Preston, E. 87302
Lazos, A. *see* Suwada, T. 98474
Lazott, C.H. *see* Dudgeon, D.E. 75631
Lazunin, K.G. *see* Vysotina, N.V. 83246
Lazzari, G. *see* Antoniol, G. 73913
Lazzari, J.L. *see* Baranov, A.N. 72892
Lazzari, M. *see* Boglietti, A. 54069
Lazzari, M. *see* Boglietti, A. 68599
Lazzarin, G., Pupolin, S., Sarti, A. Nonlinearity compensation in digital radio systems 52337
Lazzarini, A. *see* Kamadolli, S. 68354
Lazzarini, L., Attolini, G., Bertone, D., Franzosi, P., Pelosi, C., Salviati, G. TEM and XRD study of strain release in GaAs/InP and InP/GaAs heterostructures grown by MOVPE 79826
Lazzarini, L. *see* Salviati, G. 79837
Lazzaro, J., Wawrzynek, J., Kramer, A. Systems technologies for silicon auditory models 61819
Lazzaro, P.Di *see* Di Lazzaro, P.
Lazzeri, L., Macaluso, G., Scala, M., Diotti, F. GRAPE: a preengineered standard for geothermal applications 78480
LBencze, G.Y. *see* Adam, A. 88102
Le, H.A. *see* Graas, C.D. 62514
Le, H.Q., Arias, J.M., Zandian, M., Zucca, R., Liu, Y.-Z. High-power diode-laser-pumped midwave infrared HgCdTe/CdZnTe quantum-well lasers 83039
Le, K. *see* Almasque, J. 89174
Le, K.D. *see* Vice, R.L. 99613
Le, M.V. *see* Madden, C.J. 92629
Le, P. *see* Zang, D.Y. 72567
Le, T.T., Mason, J.S. Non-linear predictor for speech enhancement 64354
Le, T.T., Mason, J.S. Speech enhancement using non-linear prediction 84169
Le, V.B., Prisner, E. Iterated *k*-line graphs 79617
Le Bail, J.-L. *see* Grasdijk, M. 96498
Le Barny, P. *see* Bouteiller, L. 58931
Le Bars, J. An apparatus using the Faraday effect to locate the magnetic axis of quadrupole magnets 72270
Le Bars, P. *see* Jobling, D.T. 85973
Le Bas, T.P., Mason, D.C. Suppression of multiple reflections in GLORIA sidescan sonar imagery 88738
Le Berre, M., Patrascu, A.S., Ressayre, E., Tallet, A. Transverse effects in an optical passive system with time delay and feedback 50931
Le Berre, M. *see* Jeanjean, P. 92921
Le Bihan, D. *see* Authier, M. 59133
Le Bihan, J., Yabre, G. FM and IM intermodulation distortions in directly modulated single-mode semiconductor lasers 63829
Le Bihan, J. *see* Sharaiha, A. 86521
Le Bihan, J. *see* Watkins, L.R. 64550
Le Blanc, S.P., Sauerbrey, R. Ultrashort pulse characterisation using plasma-induced cross-phase modulation 83243
Le Blanc, S.P., Sauerbrey, R., Rae, S.C., Burnett, K. Spectral, temporal, and spatial characteristics of plasma-induced self-phase modulation of a subpicosecond excimer laser pulse 83282
le Borgne, G. A three phase logical design method for the protection of susceptible sites from direct and indirect effects of lightning 78216
le Boudec, J.-Y., Meier, A., Oechsle, R., Hong Linh Truong Connectionless data service in an ATM-based customer premises network 74952
Le Boudec, J.-Y., Przygienda, B., Sultan, R. Routing metric for connections with reserved bandwidth 85362
le Boudec, J.-Y., Truong, H.L. Providing MAC services on an ATM network with point-to-point links 58172
Le Boudec, J.-Y. *see* Calvignac, J. 85704
Le Boudec, J.-Y. *see* Castro, R. 85755
Le Boudec, J.-Y. *see* Denzel, W.E. 52088
Le Boudec, P., Sanchez, F., Francois, P.-L., Stephan, G.M. Dynamics of erbium doped fiber lasers 56647
Le Bouquin Jeannes, R., Faucon, G. Proposal of a voice activity detector for noise reduction 64332
Le Bourhis, L., Dupont, L. Enhancement of the bistability in SSFLC devices 72458
Le Bras, B. *see* Campovecchio, M. 80795
Le Breton, J.P. *see* Jacquemot, S. 50742
Le Cadre, J.-P. *see* Baldit, F. 84400
Le Cadre, J.P., Zugmeyer, O. A new approach to the estimation of source motion parameters. Part 2 64468
Le Cerf, P., Van Compernolle, D. Using parallel MLPs as labelers for multiple codebook HMMs 73823
Le Chenadec, J.Y., Multon, B., Hassine, S. Current feeding of switched reluctance motor. Optimization of the current wave form to minimize the torque ripple 90508
Le Chevalier, F. Using low frequencies for radar 52627
Le Clerc, F. *see* Billon, D. 77330
Le Clercq, D.B. Polarity and bonding issues [in earthing systems] 53801
Le Cornec, A. *see* Eymard, L. 77231
Le Cornec, C. *see* Spiess, W. 81620
Le Corre, A. *see* Herve, D. 56395
Le Coz, F. *see* Rifflet, J.M. 87792
Le Coz, F. *see* Vedrine, P. 87794
Le Coz, Y. *see* Beraud, R. 67398
Le Cun, Y. *see* Vaillant, R. 84823
Le Di-Luan *see* Di-Luan Le
Le Diberder, F. *see* Buon, J. 76616
Le Doeuff, R. *see* Machmoun, M. 89953
Le Doeuff, R. *see* Siala, S. 89973
Le Drumaguet, D. *see* Le Noane, G. 50469
Le Du, A. *see* De Oliveira, M. 53732
Le Duff, J. *see* Faus-Golfe, A. 76543
Le Floch, A. *see* Cotteverte, J.-C. 50911
Le Floch, A. *see* Vallet, M. 83198
Le Floch, B. A technical update of the Eureka 147 digital audio broadcasting system: report on 1.5 MHz technology 97574
Le Floch, B. *see* de Bot, P.G.M. 97550
Le Floch, P.G. *see* Hou, T.Y. 48829
Le Fort, N., Rombaut, M. An intelligent copilot system in a real vehicle 90624
Le Gac, I. *see* Tholey, V. 75503
Le Gall, H. *see* Fessant, A. 66655
Le Gall, H. *see* Pogossian, S.P. 63435
Le Gall, H. *see* Yuan, Y. 50177
Le Gall, J., Bourdet, G.L. Efficiency and mode discrimination of a linear array of square CO_2 waveguide lasers phase-coupled by an intracavity spatial filter 72696
Le Gall, P. Traffic modeling in packet switched networks for single links 57935
Le Gall, Y. Great depth, high efficiency, broadband, low frequency transducer for acoustical oceanography 88810
Le Gall, Y., Boucher, D., Lunon, X., Bruneau, A.M. A 300 Hz Janus-Helmholtz transducer for ocean acoustic tomography 77552
Le Gland, F. *see* Joannides, M. 88800
Le Gleau, V. *see* Le Ligne, M. 65777
Le Gouezigou, O. *see* Gaumont-Goarin, E. 56787
Le Gouguec, T. *see* Hettak, K. 80635
le Grand, J.B., Valko, P., Bruijn, M.P., Frericks, M.J., Patel, S., de Korte, P.A.J., Gijsbertsen, J.G., Houwman, E.P., Flokstra, J. X-ray response of tunnel junctions with a trapping layer 67410
le Grand, J.B. *see* Golubov, A.A. 67361
Le Guilloux, Y., Fondeur, J.-C. Using image sensors for navigation and guidance of aerial vehicles 77183
Le Helley, M. *see* Mathias, H. 91726
Le Huang *see* Huang Le
Le Huerou, J.-Y. *see* Benkhelifa, M.A. 88891
Le Huerou, J.Y. *see* Benkhelifa, A.M. 99358
Le Jian *see* Jian Le
Le La *see* Bich-Yen Nguyen 71376
Le Ligne, M., Le Gleau, V., Hui Bon Hoa, D., Connelly, M. Two-section semiconductor laser amplifier used as phase modulator in a DPSK heterodyne system 65777
Le Luyer, F. *see* Brunel, M. 63965
Le Meur, A. *see* Le Noane, G. 86513
Le Meur, D., Queffeulou, P., Tournadre, J. Analysis of wind and wave fields associated with low pressure systems, using ERS-1 altimeter and scatterometer data 77379
Le Meur, J.P., Gonzales, J., Menard, D. Captive site trial of the Brehat ATM cross-connect 96921
Le Moigne, J. Parallel registration of multi-sensor remotely sensed imagery using wavelet coefficients 57834
Le Naour, C. *see* Meny, C. 75969
Le Nguyen Binh *see* Ngo, N.Q. 65836
Le Noane, G., Botton, C., Grosso, P., Boscher, D., Hardy, I., Bizeul, J.C., Le Meur, A. Bunched multicore monomode fibers (BMMF): A new key for the future FTTH networks 86513
Le Noane, G., Hardy, I., Grosso, P., Le Drumaguet, D. Recent progress in fibre preform manufacturing using very large and precisely bored silica ingots 50469
Le Noc, E. *see* Vadrot, J.F. 71654
Le Normand, F. *see* Demuynck, L. 70114
Le Ny, R. *see* Bernede, J.C. 49790
Le Padellec, P. *see* Gonet, P. 65374
Le Person, H., Minot, C., Palmier, J.F., Esnault, J.C., Thierry-Mieg, V., Mollot, F. Bursts of high-frequency oscillations induced by picosecond optical pulses in GaAs-AlAs superlattices 72654
Le Person, H. *see* Cadiou, J.F. 92515
Le Person, H. *see* Minot, C. 62281
Le Pesant, J.-P. An introduction to liquid crystal displays 58928
Le Piouffle, B. *see* Cailleux, H. 89873
Le Piouffle, B. *see* Cailleux, H. 100082
Le Piouffle, B. *see* Oukaour, A. 90113
Le Polozec, X. *see* Harrison, R.G. 61925
Le Quang, D., Erasme, D., Huyart, B. Calibrated electro-optic measurements of a MMIC 80803
Le Quang Nam *see* Sivoththaman, S. 100481
Le Reste, S. *see* Ollitrault, M. 88811
Le Roux, G. *see* Raffle, Y. 91454
Le Roux, P. *see* St. Ville, L.J. 97300
Le Roux, Y.M. *see* Nissopoulos, I.K. 97029
Le Roux, Y.M. *see* Scalart, P. 86041
Le Rouzic, M. *see* Boulouard, A. 70914
Le Roy, I., Lifermann, A., Richard, J., Baudrand, H. A software tool for active antenna radar performance analysis 65895
Le Sage, G.P. *see* Hartemann, F.V. 64100
Le Saint-Milon, J.L. *see* Bigorgne, D. 73877
Le Scan, P. *see* Martin, E. 92272
Le Sergent, C. *see* Riviere, A. 94116
Le Taillandier, P. *see* de Mascureau, J. 67025
Le Taillandier, P. *see* Eyharts, Ph. 66799
Le Tan *see* Tan Le
Le Tang, Lamoree, J., McGranaghan, M., Mehta, H. Distribution system voltage sags: interaction with motor and drive loads 89229
Le Tang, Melhorn, C.J. Operational and harmonic concerns associated with a semiconverter 68872
Le Tang *see* Lamoree, J. 68207
Le Thanh-Nam *see* Thanh-Nam Le
Le Toan, T. *see* Bourissou, A. 67799
Le Toan, T. *see* Hsu, C.C. 77712
Le Tron, B. *see* Giroult-Matlakowski, G. 62701
le Vega, W.Fernandez de *see* Fernandez de le Vega, W.
Le Vine, D. *see* Jackson, T.J. 59585
Le Vine, D.M., Gatlin, J.A., Maruschuk, J.G. Development of a two dimensional synthetic aperture microwave radiometer 77309
Le Vine, D.M. *see* Chauhan, N.S. 77701
Le Vine, D.M. *see* Jackson, T.J. 77453
Le Vine, D.M. *see* Saatchi, S.S. 59536
Le Zaiyuan Effect of pivoting position on performance of tilting pad thrust bearing 89812
Le-Huy, H., Hamdi, M. Control of a direct-drive DC motor by fuzzy logic 60543
Le-Huy, H. *see* Ferfra, M. 89957
Le-Huy, H. *see* Gagnon, R. 89800
Le-Huy, H. *see* Kamwa, I. 100170
Le-Huy, H. *see* Viarouge, P. 68551
Le-Huy, H. *see* Viarouge, P. 90123
Le-Huy Hoang *see* Hoang Le-Huy
Le-Ngoc, T. *see* Ming Jia 51344
Le-Ngoc, T. *see* Slimane, S.B. 86197
Le-Ngoc, T. *see* Yonghai Gu 74137
Le-Ngoc Tho *see* Tho Le-Ngoc
Le-Roux, G. *see* Ougazzaden, A. 56435
Le-Zhu Zhou *see* Zhou Le-Zhu
Lea, M.J. *see* Stefanyi, P. 53322

Lea, M.J. *see* Stefanyi, P. 53335
Lea, R.M. *see* Hedge, S.J. 80349
Lea, S.N. *see* Clairon, A. 86868
Lea Chin-Tau *see* Chin-Tau Lea
Leach, G. *see* Horner, M. 90881
Leach, G.J. *see* Rodger, R.M. 97679
Leach, T., Hackett, B. Synchronous design from modern viewpoints: long-term effects are difficult sources of error to predict 80303
Leach, W.M., Jr. Fundamentals of low-noise analog circuit design 91683
Leachman, R.C. *see* Jong Soo Kim 60884
Leacock, T., Topper, R., Hacke, J., Dischert, L., Waller, L., Zortea, A. An HDTV digital camera processor 97659
Leadbeater, M.L. *see* Burroughes, J.H. 54885
Leadbeater, M.L. *see* Fromhold, T.M. 62670
Leadbeater, M.L. *see* Fromhold, T.M. 81796
Leader, I. *see* Diestel, R. 69749
Leadley, D.R., Nicholas, R.J., Singleton, J., Xu, W., Peeters, F.M., Devreese, J.T., Perenboom, J.A.A.J., van Bockstal, L., Herlach, F., Harris, J.J., Foxon, C.T. Collapse of high field magnetophonon resonance in GaAs-GaAlAs heterojunctions 81280
Leadon, R.E. *see* Miller, T.L. 76079
Leahy, M.B., Jr. ARTIP status report 59656
Leahy, M.B., Jr., Cassiday, B.K. RACE pulls for shared control 53486
Leahy, M.B., Jr., Petroski, S.B. Telerobotics for depot applications 59657
Leahy, R. *see* Yan, X.-H. 59335
Leahy, R.M. *see* Mosher, J.C. 77010
Leal, J.L. *see* Freitas, P.P. 71977
Leal, J.L. *see* Freitas, P.P. 75948
Leal Ferreira, G.F., Figueiredo, M.T. Potential buildup in samples charged by successive low-energy pulses 82108
Leal Ferreira, G.F. *see* Alves, N. 71845
Leal Ferreira, G.F. *see* Dantas, J.F. 82115
Lealman, I.F., Rivers, L.J., Harlow, M.J., Perrin, S.D. InGaAsP/InP tapered active layer multi-quantum well laser with 1.8 dB coupling loss to cleaved singlemode fibre 94447
Lealman, I.F., Rivers, L.J., Harlow, M.J., Perrin, S.D., Robertson, M.J. 1.561-μm InGaAsP/InP tapered active layer multiquantum well laser with improved coupling to cleaved singlemode fibre 56797
Lealman, I.F., Seltzer, C.P., Rivers, L.J., Harlow, M.J., Perrin, S.D. Low threshold current 1.61 μm InGaAsP/InP tapered active layer multi-quantum well laser with improved coupling to cleaved singlemode fibre 63814
Lealman, I.F. *see* Harlow, M.J. 54900
Lean, M.H. Simulation of charging and coupled airflows in corona devices 83529
Leang, S. *see* Spanos, C.J. 60918
Leang Chin See *see* See Leang Chin
Leao, A.C. *see* Matos, J.S. 49581
Lear, K.L., Kilcoyne, S.P., Chalmers, S.A. High power conversion efficiencies and scaling issues for multimode vertical-cavity top-surface-emitting lasers 72915
Lear, K.L., Schneider, R.P., Choquette, K.D., Kilcoyne, S.P., Figiel, J.J., Zolper, J.C. Vertical cavity surface emitting lasers with 21% efficiency by metalorganic vapor phase epitaxy 83156
Lear, K.L. *see* Bo Lu 50582
Lear, K.L. *see* Carnahan, R.E. 62263
Lear, K.L. *see* Cheng, J. 82866
Lear, K.L. *see* Choquette, K.D. 56765
Lear, K.L. *see* Gourley, P.L. 72977
Lear, K.L. *see* Schneider, R.P., Jr. 50823
Learmonth, D.S. *see* Russell, G. 49567
Leary, H.J. *see* Tieer Gu 55798
Leary, M.H., Ballantyne, J.M. MSM waveguide photodetectors optimized for monolithic integration with HEMTs 63615
Leath, S.W. Infrared thermography: a powerful machinery analysis technology 89787
Leathard, A.D., Brown, B.H., Campbell, J., Zhang, F., Morice, A.H., Tayler, D. A comparison of ventilatory and cardiac related changes in EIT images of normal human lungs and of lungs with pulmonary emboli 67576
Leathard, A.D. *see* Brown, B.H. 67551
Leathard, A.D. *see* Smallwood, R.H. 67581
Leathard, A.D. *see* Wang, W. 67584
Leavene, R.W. *see* Chin-Chien Sha 49462
Leavers, V.F. Preattentive computer vision: towards a two-stage computer vision system for the extraction of qualitative descriptors and the cues for focus of attention 95713
Leavitt, R.P., Bradshaw, J.L. Molecular-beam-epitaxial growth and characterization of high-quality alloys and multiple quantum wells on InP substrates using a post-evaporation-heated arsenic source 91426
Lebailly, J. *see* Senez, V. 93157
Lebak, J.M. *see* Olszanskyj, S.J. 69788
Lebaud, M.P. Error estimate in an isoparametric finite element eigenvalue problem 69892
Lebbar, H., Himdi, M., Daniel, J.P. Analysis and size reduction of various printed monopoles with different shapes 94953
Lebbolo, H. *see* Alippi, C. 53346
Lebeau, M. *see* Adam, A. 88087
Lebeau, M. *see* Adam, A. 88102
Lebeau, M. *see* Adriani, O. 88023
Lebecki, K. *see* Dubowski, J.J. 76047
Lebedenko, S.A. *see* Senko, V.I. 80122
Lebedenko, V. *see* Chen, M. 67340
Lebedenko, V. *see* Chen, M. 67349
Lebedenko, V.N. *see* Akimov, D.Yu. 67344
Lebedev, A. *see* Ahlen, S. 98641
Lebedev, A.A. *see* Anikin, M.M. 71726
Lebedev, A.A. *see* Anikin, M.M. 91424
Lebedev, A.A. *see* Astrova, E.V. 50691
Lebedev, A.A. *see* Astrova, E.V. 55545
Lebedev, A.A. *see* Astrova, E.V. 56550
Lebedev, A.A. *see* Kozelov, A.V. 87860
Lebedev, A.A. *see* Kozelov, A.V. 88253
Lebedev, A.A. *see* Rogachev, N.A. 69937
Lebedev, A.N., Martynchuk, N.N. Beam loading of an active RF cavity 98437
Lebedev, A.N. *see* Efremov, A. 53158
Lebedev, A.N. *see* Gushchin, E.M. 53316
Lebedev, A.S., Issa, K. Calculation of field forcing in a two-zone direct current drive 78861
Lebedev, A.S., Khoder, Isa. Calculation of boosting in a two-zone DC drive 100852
Lebedev, E.F. *see* Ostashev, V.E. 57063
Lebedev, F.V., Napartovich, A.P. *(editors)* CIS selected papers. High-power multibeam lasers and their phase locking (SPIE Vol.2109) 79141
Lebedev, I.I. *see* Gomzyakov, Yu.I. 53914
Lebedev, I.V., Drozdovskii, N.V. Bistability and electronic hysteresis of the amplitude characteristics of pin-diode structures 80671
Lebedev, I.V., Shnitnikov, A.S. New microwave limiter diode 61911
Lebedev, P.K., Muraviev, S.V. Time resolution of ionization chamber filled with liquid krypton and xenon 67325
Lebedev, P.K. *see* Baklakov, B.A. 59034
Lebedev, S.V. Hysteresis and magnetic reversal mechanisms in garnet-ferrite films with in-plane anisotropy in small magnetic fields 56215
Lebedev, V.A. *see* Aleksandrov, A.V. 87901
Lebedev, V.A. *see* Anashin, V.V. 76538
Lebedeva, N.N., Orbukh, V.I., Gadirova, I.R. Device for visualizing electrical inhomogeneities and spatial imperfections in semi-insulating gallium arsenide 55560
Lebedeva, T.T., Sergienko, I.V., Soltan, V.P. More on conditions of local and global minima coincidence in discrete optimization problems 69757
Leber, D.E. *see* Gunther, M.F. 94117
Leber, F. *see* Fanti, V. 76788
Leber, M., Polajnar, A., Buchmeister, B. Quality assurance of production planning through application of failure modes and effects analysis 69538
Lebiush, E. *see* Barmashenko, B.D. 72683
Leblanc, A. *see* Vasu, E. 89706
LeBlanc, H.P. *see* Soole, J.B.D. 52553
LeBlanc, H.P. *see* Soole, J.B.D. 97284
Leblanc, J. *see* Coron, N. 59152
Leblanc, J. *see* Zhou, J.W. 98538
Leblanc, J.P. *see* Callemyn, J.M. 75153
Leblanc, L.J., Narasimhan, S. Topological expansion of metropolitan area networks 65297
Leblanc, L.R. *see* Schock, S.G. 88808
LeBlanc, M. *see* Measures, R.M. 98069
Leblanc, P. *see* Enns, M. 68292
LeBlanc, P.A. *see* Zwarts, C.M.G. 100918
LeBlanc, T.J. *see* Bianchini, R. 96248
Leblebici, Y., Kang, S.M. Simulation of hot-carrier induced MOS circuit degradation for VLSI reliability analysis 82084
Leblebici, Y. *see* Morikuni, J.J. 75469
Leblebicioglu, K. *see* Kuzuoglu, M. 67574
Leblond, B. *see* Georges, P. 72751
Leblond, H., Manna, M. Focusing and defocusing of electromagnetic waves in a ferromagnet 57073
Leblond, H., Manna, M. Benjamin-Feir-type instability in a saturated ferrite: transition between focusing and defocusing regimes for polarized electromagnetic waves 94761
Leboucher, L., Marty, P., Alemany, A., Masse, P. Optimization of LMMHD induction converters: the inverse problem 100770
Leboutte, F. *see* De Vlaminck, M. 68384
Lebowsky, F., Bradford, J., Albert, M., Weber, D., Kohne, H., Alrutz, H., Summa, V., Gehrig, W. A multi-purpose scart interface to support 100 Hz/16:9/multi-media displays 97627
Lebreton, J.-P. *see* Dobrowolny, M. 88635
Lebrun, P., Wahlstrom, T., van Weelderen, R., Williams, L. Investigation of quench pressure transients in the LHC superconducting magnets 94023
Lebrun, P. *see* Benda, V. 94030
Lebrun, P. *see* Bezaguet, A. 82474
Lebrun, P. *see* Dufay, L. 94020
LeBrun, T. *see* Southworth, S.H. 88259
Lebskiy, Yu.V. *see* Zabytov, Yu.M. 97036
Leburton, J.-P. *see* Bigelow, J.M. 81962
Leburton, J.-P. *see* Chang, H. 81963
Lecacheux, A. *see* Rosolen, C. 86642
LeCarpentier, G.L. *see* Hua Yang 77067
Leccabue, F. *see* Alvazzi Delfrate, M. 63049
Lecce, L. *see* Savastano, M. 99049
Lechanoine-Le Luc, C. *see* Martin, A. 67356
Lechleider, J.W. Designing and processing signals for array processing for random channels 84420
Lechleider, J.W. Joint optimization of transmitted pulse shape and receiver timing in digital systems 95448
Lechleider, S.W. Pulse templates for transmission over an ensemble of channels 74065
Lechner, B.J. *see* Kressel, H. 48531
Lechner, J. *see* Flietner, B. 66560
Lechner, J. *see* Leu, M. 66569
Lechner, P. *see* Bubenzer, A. 100586
Lechner, S. SAMSON: management of security in open systems 65252
Lechner, W. *see* Kruger, G. 97198
Lechner, W. *see* Stich, H. 97479
Lechner, W. *see* Vieweg, S. 65738
Lechner, W. *see* Vieweg, S. 77126
Leckey, J.G., Stewart, J.A.C., Patterson, A.D., Kelly, M.J. Nonlinear MESFET parameter estimation using harmonic amplitude and phase measurements 81972
Leckie, D. *see* Lang, R.H. 77588
Lecler, D. *see* Gosselin, A. 87953
Leclerc, D. *see* Gabriagues, J.M. 97301
Leclerc, G., Pireaux, J.J. What is wrong with 'what is wrong with MEM?' [maximum entropy method] 95494
Leclerc, M., Scalart, P., Fortier, P., Huu Tue Huynh Performance analysis of an in-band COFDM/FM digital audio broadcasting system 97582
Leclercq, J.L. *see* Rojo-Romeo, P. 56038
Leclercq, J.W., Breuls, A.H.E., Kuyt, G. A new, multi-purpose coating for optical fibres with excellent aging behaviour 82614
Leclere, J.H.J. Quantification of noisy MRS signals with the pseudo-Wigner distribution 88385
Leclere, P. *see* Changkakoti, R. 56916
Leclere, P. *see* Manivannan, G. 57006
Lecocq, P. *see* Mermet-Guyennet, M. 79423
Lecoeur, G. *see* von Apeldoorn, G. 88116
Lecoeur, P., Blanc-Guillon, B., Murray, H., Mercey, B. High T_c superconductive thin films on semiconductor substrates 63285
Lecomte, C. *see* Espinosa, E. 50441
Lecomte, P., Cavanie, A., Gohin, F. Recognition of sea ice zones using ERS-1 scatterometer data 77444
Lecomte, P. *see* Adam, A. 88087
Lecomte, P. *see* Adam, A. 88102
Lecomte, P. *see* Adriani, O. 88023
Lecomte, P. *see* Eichenherr, H. 77641
Lecomte, R., Cadorette, J., Richard, P., Rodrigue, S., Rouleau, D. Design and engineering aspects of a high resolution positron tomograph for small animal imaging 88411
Lecomte, R., Cadorette, J., Richard, P., Rodrigue, S., Rouleau, D. Design and engineering aspects of avalanche photodiode PET tomograph 98870
Lecomte, R., Cadorette, J., Rodrigue, S., Heon, M., Rouleau, D., Richard, P., Bentourkia, M., Msaki, P. A PET camera simulator with multispectral acquisition capabilities 59286
Lecomte, R. *see* Cadorette, J. 53410
Lecoq, P. The high energy physics demand for a new generation of scintillators 76758
Lecordier, B., Mouqallid, M., Vottier, S., Rouland, E., Allano, D., Trinite, M. CCD recording method for cross-correlation PIV development in unstationary high speed flow 76268
Lecot, C., Lequime, M., Vanotti, P., Lang, D., Windisch, A., Davidson, R., Turpin, M., Chazelas, J., Culshaw, B., Michie, C., Papadopoulos, P. An introduction to the BRITE-EURAM II OSMOS project 52937
Lecours, M. *see* Bosse, E. 97380
Lecours, M. *see* Habel, R.A. 86591
Lecours, M. *see* Lahaie, P. 86067
Lecours, M. *see* Wang, X.D. 52425
Lecourtier, Y. *see* Ogier, J.M. 99130
Lecoy, G. *see* Pascal, F. 55847
Lecrosnier, D. *see* Regreny, P. 55567
Lectard, E., Maury, C., Allibert, C.H. Coercivity in hard magnets based on Sm_2Co_{17} 71940
Lecuire, V., Lepage, F., Bron, J.Y. Factory automation and manufacturing LAN management 85832
Leczykiewicz, T. *see* Reksc, W. 68944
Leda, M. *see* Ochiai, S. 63092
Ledbetter, C.S., Jr. Consumers on a chip 71761
Ledee, R. *see* Leger, C. 98759
Ledenev, V.I. *see* Golubev, V.S. 57033
Ledentsov, N.N., Gur'yanov, G.M., Tsyrlin, G.E., Petrov, V.N., Samsonenko, Yu.B., Golubok, A.O., Tipisev, S.Ya. Effect of heat-treatment conditions on the surface morphology of gallium arsenide grown on vicinal GaAs (100) substrates by molecular-beam epitaxy 70012
Ledentsov, N.N., Ustinov, V.M., Egorov, A.Yu., Zhukov, A.E., Maksimov, M.V., Tabatadze, I.G., Kop'ev, P.S. Optical properties of heterostructures with InGaAs-GaAs quantum clusters 91450
Ledentsov, N.N. *see* Egorov, A.Yu. 54910
Ledentsov, N.N. *see* Egorov, A.Yu. 91449
Ledentsov, N.N. *see* Golubok, A.O. 54831
Ledentsov, N.N. *see* Kirstaedter, N. 83054
Lederer, F., Biehlig, W. Bright solitons and light bullets in semiconductor waveguides 94155
Lederer, F. *see* Kohrell, J. 83327
Lederer, F. *see* Peschel, U. 73026
Lederer, F. *see* Uzunov, I.M. 58431

Lederer, F. *see* Uzunov, I.M. 73093
Lederer, M.J. *see* Hatami-Hanza, H. 50522
Lederer, M.J. *see* Hatami-Hanza, H. 51196
Lederer Falk *see* Falk Lederer
Lederman, S.J. *see* Ellis, R.E. 75901
Ledger, A.M., Clapis, P.J. High speed whole wafer film thickness mapper 93240
Ledger, A.M. *see* Clapis, P.J. 93241
Ledingham, K.W.D. *see* Campbell, M. 63375
Ledingham, K.W.D. *see* Clark, A. 88763
Ledjeff, K., Heinzel, A., Peinecke, V., Mahlendorf, F. Development of pressure electrolyser and fuel cell with polymer electrolyte 54148
LeDortz, O. *see* Alippi, C. 53346
LeDortz, O. *see* Dell'Acqua, A. 87955
LeDortz, O. *see* Dell'Acqua, A. 98680
Ledoux, B. *see* Fiallos, E. 86662
Ledoux, B. *see* Yiyan Wu 58588
Ledoux, I., Zyss, J. Nonlinear organic molecules and materials for optoelectronic devices 83338
Ledoux, I. *see* Samuel, I.D.W. 83291
Ledoux, J., Rubino, G., Sericola, B. Exact aggregation of absorbing Markov processes using the quasi-stationary distribution 91222
Ledoyen, F. *see* Andry, P. 62798
LeDrew, E.F. *see* Barber, D.G. 77515
Ledu, D. *see* Bogaert, G. 59020
Leduc, G. *see* Danthine, A. 65355
LeDuc, H.G. *see* Febvre, P. 61909
LeDuc, H.G. *see* Kooi, J.W. 61612
LeDuc, H.G. *see* Stimson, P.A. 80692
LeDuc, H.G. *see* Zmuidzinas, J. 55427
Leduc, J.-P. Multiplexing digital television sources on ATM networks 96408
Ledwich, G. Resonant inverters for HVDC and FACTS 59910
Ledwich, G., George, T.A. Using phasors to analyze power system negative phase sequence voltages caused by unbalanced loads 78249
Ledwich, G., George, T.A. Negative-phase-sequence reduction with adjacent static reactive-power compensators 89077
Ledwich, G., Shi, F. Neutral commutated soft switched current source converter 100311
Ledwich, G. *see* Hoffman, K. 59738
Ledwich, G. *see* Hoffman, K. 99553
Ledwich, G. *see* Hoffman, K. 100336
Ledwon, E. The effects of NPP building on German machine makers 68369
Lee, A. *see* Jackson, C.M. 49642
Lee, A.C., Ravikumar, K.V., Frederking, T.H.K. Contact resistance of 500 mesh regenerator screens 53017
Lee, A.C.L. Filtering, sampling, and information content within satellite-derived multispectral or mixed-resolution imagery 99158
Lee, A.D., Onisko, S.A. Economics and utility energy-efficiency programmes: energy-efficient manufactured housing 59869
Lee, A.S. Electronic mail as a medium for rich communication: an empirical investigation using hermeneutic interpretation 74887
Lee, A.W.H., Cheng, L.M. Using ANN for high speed iterated function system image compression 95912
Lee, B., Demroff, H.P., Drew, M.M., Elliott, T.S., Mazumdar, T.K., McIntyre, P.M., Pang, Y., Smith, D.D., Trost, H.-J. Knife-edge thin film field emission cathodes 71036
Lee, B. *see* Ajjarapu, V. 77816
Lee, B. *see* Smith, D.D. 76847
Lee, B. *see* Smith, D.D. 76848
Lee, B.-J. *see* Lin, J.-F. 94291
Lee, B.-T., Logan, R.A. Growth of InP on etched grooves using atmospheric pressure metalorganic vapor phase epitaxy 54892
Lee, B.-T., Logan, R.A. Growth of InP on patterned substrates using AP-MOVPE 54930
Lee, B.-T. *see* Kim, D.-K. 91474
Lee, B.-U. *see* Won, Y.K. 84492
Lee, B.D. *see* Hammer, P.W. 80171
Lee, B.H. *see* Heismann, F. 86483
Lee, B.I. *see* Lin, C. 54987
Lee, B.J., Morton, W.C. Vibration aging of diesel-engine mounted electrical equipment 89705
Lee, B.J. *see* Hsu, J.K. 71096
Lee, B.J. *see* Hsu, S.N. 92952
Lee, B.R. *see* Oh, Y.T. 81476
Lee, B.S., Lee, K.K. Simulation study of video transmission over FDDI 85846
Lee, B.S. *see* Nicholas, V.C.H. 96638
Lee, B.U. *see* Chang, K.H. 97645
Lee, B.W. *see* Jae-Bum Hong 73904
Lee, B.W. *see* Joongho Choi 70695
Lee, B.W. *see* Youngjin Kim 73924
Lee, B.Y. *see* Reu, P. 67622
Lee, C. *see* Takai, M. 49894
Lee, C. *see* Watson, R. 68793
Lee, C.-H., Chen, L.-H. Fast closest codeword search algorithms for vector quantisation 64770
Lee, C.-H., Gauvain, J.-L. Speaker adaptation based on MAP estimation of HMM parameters 84090
Lee, C.-H. *see* Chou, W. 64387
Lee, C.-H. *see* Joshi, A. 64839
Lee, C.-K., Haralick, R.M., Deguchi, K. Estimation of curvature from sampled noisy data 96031
Lee, C.-Y., Cooper, D.B. Structure from motion: a region based approach using affine transformations and moment invariants 51722
Lee, C.-Y., Cooper, D.B., Keren, D. Computing correspondence based on regions and invariants without feature extraction and segmentation 96057
Lee, C.A. *see* Sanganeria, M.K. 93243
Lee, C.C., Deal, M.D., Bravman, J.C. Eliminating dopant diffusion after ion implantation by surface etching 62476
Lee, C.C., Deal, M.D., Jones, K.S., Robinson, H.G., Bravman, J.C. Effect of ion energy on the diffusion of Si implanted into GaAs 71315
Lee, C.C., Su, T.J. 2×2 single-mode zero-gap directional-coupler thermo-optic waveguide switch on glass 94172
Lee, C.C. *see* Chen, Y.-C. 90960
Lee, C.C. *see* Farvardin, N. 85033
Lee, C.C. *see* Robinson, H.G. 93130
Lee, C.D., Kim, B.K., Kim, J.W., Chang, S.K., Suh, S.H. Structural properties of ZnSe on GaAs grown by atomic layer epitaxy 79786
Lee, C.D., Kim, B.K., Kim, J.W., Park, H.L., Chung, C.H., Chang, S.K., Lee, J.I., Noh, S.K. Thickness dependent properties of ZnSe on (100) GaAs grown by atomic layer epitaxy 69992
Lee, C.E., Vaisey, J. Comparison of image transforms in the coding of the displaced frame difference for block-based motion compensation 85152
Lee, C.F., McCartin, B.J., Shin, R.T., Kong, J.A. A triangular-grid finite-difference time-domain method for electromagnetic scattering problems 51096
Lee, C.H. Predicting parallel computer speedup for array processing applications in simulation 95569
Lee, C.H., Yu, G., Moses, D., Heeger, A.J., Srdanov, V.I. Nonlinear transient photovoltaic response in Al/C_{60}/Au devices: control of polarity with optical bias 72596
Lee, C.H. *see* Cho, P.S. 56547
Lee, C.H. *see* Cho, P.S. 72566
Lee, C.H. *see* Cho, P.S. 82810
Lee, C.H. *see* Chou, W. 84114
Lee, C.H. *see* Katz, A. 72813
Lee, C.H. *see* Lai, Y.S. 70899
Lee, C.H. *see* Lai, Y.S. 100787
Lee, C.H. *see* Li Yan 83307
Lee, C.H. *see* Saddow, S.E. 82877
Lee, C.H. *see* Zen, H. 86788
Lee, Ch.H. *see* Bukreev, V.S. 77408
Lee, C.I., Rax, B.G., Johnston, A.H. Total ionizing dose effects in 12-bit successive-approximation analog-to-digital converters 70693
Lee, C.K., Cheng, K.W., Luk, P.C.K. Realistic torque model of a brushless D.C. motor 60241
Lee, C.K., Kwok, N.M. Reduced parameter variation sensitivity with a variable structure controller in brushless DC motor velocity control systems 60250
Lee, C.K., Kwok, N.M. Disturbance rejection in a brushless DC motor velocity control system using a variable structure controller 100158
Lee, C.K., Pang, W.H. Rule-based adaptive control in a servomotor control system 60259
Lee, C.K., Pang, W.H. Adaptive control to parameter variations in a DC motor control system using fuzzy rules 90019
Lee, C.K. *see* Cheung, W.P. 64643
Lee, C.K. *see* So, W.C. 95818
Lee, C.K. *see* Wong, H.K. 60490
Lee, C.L. *see* Su, T. 92879
Lee, C.P. *see* Chen, H.R. 81811
Lee, C.P. *see* Chen, H.R. 81826
Lee, C.P. *see* Tsai, K.L. 52868
Lee, C.P. *see* Tsai, K.L. 75979
Lee, C.P. *see* Tsai, K.L. 76002
Lee, C.Q. *see* Gegner, J.P. 68834
Lee, C.Q. *see* Gegner, J.P. 100284
Lee, C.Q. *see* Gegner, J.P. 100297
Lee, C.Q. *see* Jianping Xu 61544
Lee, C.Q. *see* Jianping Xu 100370
Lee, C.Q. *see* Liu Yang 99603
Lee, C.Q. *see* Sun, X. 80138
Lee, C.Q. *see* Yang, L. 60340
Lee, C.Q. *see* Yang, L. 100358
Lee, C.Q. *see* Yuefeng Zhang 91883
Lee, C.Q. *see* Yuefeng Zhang 100231
Lee, C.Q. *see* Zhang, Y.F. 61534
Lee, C.R. *see* Suh, K.S. 50151
Lee, C.S., Kim, J.S., Hur, I.B., Ham, Y.M., Choi, S.H., Seo, Y.S., Ashkenaz, S.M. Overlay and lens distortion in a modified illumination stepper 71455
Lee, C.W., Lee, J.I., Cho, Y.K. Analysis of leaky waves from a periodically slotted parallel-plate waveguide for finite number of slots 94980
Lee, C.W. *see* Park, J.-H. 83930
Lee, C.Y., Tidrow, M.Z., Choi, K.K., Chang, W.H., Eastman, L.F., Towner, F.J., Ahearn, J.S. Long-wavelength λ_c=18 μm infrared hot-electron transistor 58763
Lee, C.Y., Tidrow, M.Z., Choi, K.K., Chang, W.H., Eastman, L.F., Towner, F.J., Ahearn, J.S. Activation characteristics of a long wavelength infrared hot-electron transistor 71605
Lee, C.Y. *see* Chan, S.P. 90927
Lee, C.Y. *see* Cheng, W.S. 79931
Lee, C.Y. *see* Choi, K.K. 87195
Lee, D., Cargill, D., Pramanick, P. Computer aided design of shielded microstrip line hairpin-line filters 80618
Lee, D., Wysacki, P.F., Simpson, J.R., DiGiovanni, D.J., Walker, K.L., Gasper, D. Gain peak wavelength measurements using a polarization scrambled fiber loop configuration 86476
Lee, D. *see* Fenker, H. 67313
Lee, D. *see* Helmsen, J.J. 71496
Lee, D. *see* Jordan, H.F. 82874
Lee, D. *see* Kianian, S. 70522
Lee, D. *see* Nowatzyk, A. 50090
Lee, D. *see* Schlageter, J. 70389
Lee, D. *see* Wysocki, P.F. 56728
Lee, D.-H. *see* Moon, J.-D. 64072
Lee, D.-H. *see* Moon, J.-D. 68620
Lee, D.C. Effects of leaky bucket parameters on the average queueing delay: worst case analysis 65010
Lee, D.D., Da Costa, V.M., Lewis, A.G. A VLSI controller for active-matrix LCDs 98230
Lee, D.H. *see* Kim, J.C. 71058
Lee, D.Hao-Tien *see* Hao-Tien Lee, D.
Lee, D.J., Cernea, R.A., Mofidi, M., Mehrotra, S., Chang, E.Y., Chien, W.Y., Goh, L., Yuan, J.H., Mihnea, A., Samachisa, G., Fong, Y., Guterman, D.C., Norman, R.D., Sato, K., Onishi, H., Ueda, K., Noro, F., Miyamoto, K., Morita, M., Umeda, K., Kubo, K. An 18 Mb serial flash EEPROM for solid-state disk applications 70524
Lee, D.J. *see* Zavody, A.M. 77449
Lee, D.M., Rozgonyi, G.A. Low-temperature gettering of trace iron and copper by misfit dislocations in Si/Si(Ge) epitaxy 71264
Lee, D.M. *see* Adam, A. 88087
Lee, D.M. *see* Adam, A. 88102
Lee, D.M. *see* Adriani, O. 88023
Lee, D.M. *see* Ambrosi, G. 53302
Lee, D.M. *see* Battiston, R. 53350
Lee, D.T., Yang, C.D., Wong, C.K. On bends and distances of paths among obstacles in two-layer interconnection model 61450
Lee, E.-H. *see* Yoo, B.-S. 63848
Lee, E.A. Representing and exploiting data parallelism using multidimensional dataflow diagrams 70616
Lee, E.A. *see* Bhattacharyya, S.S. 64436
Lee, E.A. *see* Buck, J.T. 70612
Lee, E.A. *see* Kalavade, A. 55062
Lee, E.A. *see* Sriram, S. 70596
Lee, E.H. *see* Hong, J.P. 72240
Lee, E.K.B. Rapid converging adaptive interference suppression for direct-sequence code-division multiple-access systems 86181
Lee, E.T. Human emotion estimation through facial expressions 64595
Lee, E.Y. *see* Sirringhaus, H. 81343
Lee, F., Howard, E.M., DeMuynck, D.A. Detecting and reducing particles for LPCVD silicon nitride deposition 62376
Lee, F.C. *see* Chen, Q. 54110
Lee, F.C. *see* Cho, J.G. 68790
Lee, F.C. *see* Cho, J.G. 100266
Lee, F.C. *see* Dai, N. 68687
Lee, F.C. *see* Dai, N. 90085
Lee, F.C. *see* Espinosa, P. 64114
Lee, F.C. *see* Gataric, S. 68823
Lee, F.C. *see* Grajales, L. 68723
Lee, F.C. *see* Guichao Hua 90165
Lee, F.C. *see* Guichao Hua 90201
Lee, F.C. *see* Guichao Hua 100228
Lee, F.C. *see* Hua, G.C. 68077
Lee, F.C. *see* Huber, L. 60529
Lee, F.C. *see* Huber, L. 67733
Lee, F.C. *see* Huliehel, F.A. 60344
Lee, F.C. *see* Jiang, Y. 53668
Lee, F.C. *see* Jovanovic, M.M. 68809
Lee, F.C. *see* Lin, C.Y. 100299
Lee, F.C. *see* Lotfi, A.W. 61975
Lee, F.C. *see* Panov, Yu.V. 100280
Lee, F.C. *see* Qiong Li 100373
Lee, F.C. *see* Skutt, G. 68688
Lee, F.C. *see* Tang, W. 53669
Lee, F.C. *see* Vlatkovic, V. 90149
Lee, F.C. *see* Vlatkovic, V. 100264
Lee, F.C. *see* Watson, R. 68804
Lee, F.C. *see* Yang, E.X. 49145
Lee, F.C. *see* Zaitsu, T. 100296
Lee, F.C.Y. *see* Chen, D.Y. 93361
Lee, F.C.Y. *see* Guichao Hua 60324
Lee, F.C.Y. *see* Hiti, S. 60323
Lee, F.N., Huang, J., Adapa, R. Multi-area unit commitment via sequential method and a DC power flow network model 59901
Lee, F.N., Lemonidis, L., Ko-Chih Liu Price-based ramp-rate model for dynamic dispatch and unit commitment 78016
Lee, F.N., Liao, J., Breipohl, A.M. Coordination of SO_2 emission allowance trading, energy and spinning reserve transactions, and consumption of take-or-pay fuels 78017
Lee, F.N. *see* Breipohl, A.M. 89166
Lee, F.N. *see* Yu, Z. 78044
Lee, F.N. *see* Zhai, D. 59786
Lee, F.T., Wanlass, D.R., Walsh, B. Thin film pitting: Is NMP the culprit? 81568
Lee, G. *see* Chen, C.-W. 57517

Lee, G.C. *see* Elkordy, M.F. 87007
Lee, G.G. *see* Chen, C.H. 70208
Lee, G.K. *see* Sawyer, C.T. 88653
Lee, H., Fu Li An eigenvector technique for detecting the number of emitters in a cluster 84359
Lee, H., Li, F. A novel approach for detecting the number of emitters in a cluster 74104
Lee, H., Nazem, S., Shi, Y. Designing rural area telecommunication networks via hub cities 85462
Lee, H. *see* Argade, P.V. 70586
Lee, H. *see* Cho, G. 59129
Lee, H. *see* D'Errico, M.S. 87480
Lee, H. *see* Douglas, B.L. 86620
Lee, H. *see* Jachner, J. 84431
Lee, H. *see* Jing, T. 88408
Lee, H. *see* Labadie, J.W. 91021
Lee, H. *see* Mireshghi, A. 88120
Lee, H. *see* Mireshghi, A. 98587
Lee, H. *see* Namkung, W. 67002
Lee, H. *see* Roeske, F. 67727
Lee, H. *see* Sam-Dong Kim 69946
Lee, H. *see* Tsai, H.S. 87490
Lee, H.-S. *see* Sadeem, S. 70707
Lee, H.-W. *see* Jeong, H.J. 94057
Lee, H.B. The Cramer-Rao bound on frequency estimates of signals closely spaced in frequency (unconditional case) 64509
Lee, H.B. Compact Cramer-Rao bound expressions on directional covariance for DF of sources with unknown constant polarizations 95401
Lee, H.B., Jachner, J. Compact Cramer-Rao bound expression for an extended signal model 95402
Lee, H.C. *see* Fan, L. 83051
Lee, H.C. *see* Kawase, M. 63978
Lee, H.C. *see* Ooi, B.T. 90112
Lee, H.C. *see* Yan Guo 53642
Lee, H.C. *see* Yan Guo 68850
Lee, H.C. *see* Yan Guo 78554
Lee, H.C. *see* Yan Guo 92254
Lee, H.C. *see* Zhenyu Guo 74074
Lee, H.H. *see* Kim, S.K. 79863
Lee, H.J., Liu, J.C., Chan, A.K., Chui, C.K. Parallel implementation of wavelet decomposition/reconstruction algorithms 57585
Lee, H.J., Palmer, J.W., Anderson, W.A. Temperature dependence of the electrical characteristics of $Ag/In_{0.53}Ga_{0.47}As$ diodes formed at low temperature 71570
Lee, H.J. *see* Shi, Z.Q. 100748
Lee, H.J. *see* Woo, S.Y. 66287
Lee, H.J. *see* Woo, S.Y. 76254
Lee, H.K. *see* Koburger, C. 70397
Lee, H.K. *see* Koo, Y.M. 76665
Lee, H.K. *see* Oh, Y.T. 81476
Lee, H.P., Szalkowski, F.J., Sato, D.L., Liu, X., Ranalli, E., George, T. Novel integration of a group IV electron-beam deposition capability with a III-V molecular beam epitaxy system 54951
Lee, H.P. *see* Ranalli, E. 58809
Lee, H.S. *see* Cho, M.H. 67044
Lee, H.S. *see* Lee, S. 74896
Lee, H.S. *see* Yoon, S.Y. 65613
Lee, H.W., Mark, J.W. Capacity allocation in statistical multiplexing of ATM sources 64932
Lee, H.Y. *see* Nam, H.-D. 50140
Lee, H.Y. *see* Reston, R.R. 81976
Lee, I., Gibson, J.D. Tree coding combined with harmonic scaling of speech at 6.4 kbps 84101
Lee, J., Cholapranee, T., Panyakeow, S. Hybrid air-electricity storage for PV system 100026
Lee, J., Dickinson, B.W. Motion compensated subband coding with scene adaptivity 64694
Lee, J., Esayan, S., Safari, A., Ramesh, R. Effect of ultraviolet light on fatigue of lead zirconate titanate thin-film capacitors 71856
Lee, J., Fukue, K., Shimoda, H., Sakata, T. Grid data generation from contour images by using Euclid distance transformation 67768
Lee, J., Mathews, V.J. On the extended RLS adaptive bilinear filters 80476
Lee, J., Ogawa, T., Kudo, H., Arai, T. Volume expansion and Ag doping amounts in the photodoping process in amorphous As_2S_3 93135
Lee, J., Patel, J.H. Architectural level test generation for microprocessors 80376
Lee, J., Ryan, J. Local bipartite Turan graphs and graph partitioning 48782
Lee, J., Yoshida, K., Kim, D.S., Ahn, C.H. Calculation of rail gun parameters and performance prediction 83583
Lee, J. *see* Chickermane, V. 61672
Lee, J. *see* Jiyoung Kim 70488
Lee, J. *see* Koburger, C. 70397
Lee, J. *see* Leung, J. 54711
Lee, J. *see* Liu, J. 55786
Lee, J. *see* Ramesh, R. 55660
Lee, J.-A., Ahmad, M. VLSI implementation of CORDIC angle units 49466
Lee, J.-C., Lasseter, R.H., Beetem, J.F. A graphic interface for power system simulation 53635
Lee, J.-D., Chin-Hsing Chen, Jau-Yien Lee Determining 3-D location parameters of a cylindrical object 74575
Lee, J.-F. Finite element analysis of lossy dielectric waveguides 73418
Lee, J.-H., Chang, B.-H., Kim, S.-D. Comparison of colour transformations for image segmentation 95654
Lee, J.-L., Kim, H., Mun, J.K., Kwon, O., Lee, J.J., Park, H.-M., Park, S.-C. 3.3 V operation GaAs power MESFETs with 65% power-added efficiency for hand-held telephones 56004
Lee, J.-S., Kuniyoshi, S., Kudo, K., Tanaka, K., Niki, S., Yamada, A., Makita, Y. The symmetric and asymmetric diffraction measurements of InAs/GaAs thin layer structures with X-ray-diffractometer using multiple crystal arrangement 62244
Lee, J.B., Min, H.S., Park, Y.J. Steady-state Nyquist theorem for multi-terminal nondegenerate semiconductor devices 71557
Lee, J.C. *see* Bo Jiang 49431
Lee, J.C. *see* Chang, H.P. 76581
Lee, J.C. *see* Hasan, M.A. 52334
Lee, J.C. *see* Ming-Yin Hao 49827
Lee, J.C. *see* Ming-Yin Hao 71385
Lee, J.C. *see* Sudhama, C. 61694
Lee, J.D. *see* Venables, D. 93143
Lee, J.F. *see* Yang, G. 97108
Lee, J.G. *see* Hwang, Y.S. 62550
Lee, J.G. *see* Kwon, K.W. 70503
Lee, J.G. *see* Park, J.H. 71407
Lee, J.G. *see* Park, T. 71697
Lee, J.H., Eom, H.J., Lee, J.W., Yoshitomi, K. Transverse electric mode scattering from rectangular grooves in parallel plate 94910
Lee, J.H., Shin, S.M., Choi, M.K. Strategic planning and considerations of broadband access networks 85902
Lee, J.H., Shiozaki, A., Luo, J.W. Class of practical orchard codes on $GF(2^8)$ 57383
Lee, J.H. *see* Jung, C.M. 70565
Lee, J.H. *see* Khang, Y. 71201
Lee, J.H. *see* Tabibi, B.M. 63627
Lee, J.I. *see* Her, J. 61373
Lee, J.I. *see* Kim, C.H. 55666
Lee, J.I. *see* Lee, C.D. 69992
Lee, J.I. *see* Lee, C.W. 94980
Lee, J.J. *see* Lee, J.-L. 56004
Lee, J.K., Enguero, J., Smallen, M., Chao, A. The influence of head parameters on take-off velocity 50271
Lee, J.K. *see* Chun, H.S. 60434
Lee, J.K. *see* Hwang, Y.S. 62550
Lee, J.K. *see* Park, T. 71697
Lee, J.N. Materials for spatial light modulators 72429
Lee, J.N. *see* Griffin, R.D. 94222
Lee, J.O. *see* Eisaki, H. 72221
Lee, J.R. *see* Fehl, D.L. 67411
Lee, J.S., Chung, Y.C., Shim, C.S. Bandwidth optimization of a spectrum-sliced fiber amplifier light source using an angle-tuned Fabry-Perot filter and a double-stage structure 94412
Lee, J.S., Chung, Y.C., Wood, T.H., Meester, J.P., Joyner, C.H., Burrus, C.A., Stone, J., Presby, H.M., DiGiovanni, D.J. Spectrum-sliced fiber amplifier light source with a polarization-insensitive electroabsorption modulator 86369
Lee, J.S., Hoppel, K., Mango, S.A., Miller, A.R. Intensity and phase statistics of multi-look polarimetric SAR imagery 77220
Lee, J.S. *see* Chung, Y.C. 86345
Lee, J.S. *see* Du, L. 67922
Lee, J.S. *see* Jansen, R.W. 77427
Lee, J.S. *see* Kim, K.Y. 71991
Lee, J.S. *see* Marmorino, G.O. 99284
Lee, J.S. *see* Roh, S.K. 64990
Lee, J.S. *see* Schuler, D.L. 67876
Lee, J.S. *see* Yamaguchi, T. 50074
Lee, J.S. *see* Yamaguchi, T. 62962
Lee, J.T.C. *see* Blayo, N. 71320
Lee, J.T.C. *see* Joubert, O. 81644
Lee, J.T.C. *see* Manchanda, L. 93617
Lee, J.W. Efficient user-level communication on multicomputers with an optimistic flow-control protocol 85302
Lee, J.W., Eom, H.J. TE-mode scattering from two junctions in H-plane waveguide 57186
Lee, J.W., Oh, M.S., Kim, J.Y., Kim, T.I. Lattice curvature induced substrate X-ray line broadening in InGaP/GaAs heterostructures 79853
Lee, J.W. *see* Chang, P.H. 60258
Lee, J.W. *see* Hong, J.P. 72240
Lee, J.W. *see* Lee, J.H. 94910
Lee, J.W. *see* Scheinbeim, J.I. 56111
Lee, J.Y., Hong, U.S. Voltage controlled dielectric resonator oscillator using three-terminal MESFET varactor 70903
Lee, J.Y., Un, C.K. Performance analysis of a multicast packet switch with capacity m 64966
Lee, J.Y. *see* Jiun-Tsuen Lai 81961
Lee, J.Y. *see* Kim, T.W. 55588
Lee, J.Y. *see* Kim, T.W. 93028
Lee, J.Y. *see* Lee, L.W. 85040
Lee, J.Ya-Min *see* Ya-Min Lee, J.
Lee, K. *see* Baker, A. 92225
Lee, K. *see* Chough, K.B. 56039
Lee, K. *see* Chough, K.B. 93503
Lee, K. *see* Jin Won Park 62407
Lee, K. *see* Kwon, S. 96857
Lee, K. *see* Mahalingam, M. 87187
Lee, K. *see* Mii, Y. 71677
Lee, K.-H. *see* He, Y.S. 97319
Lee, K.-S. *see* Kim, T.W. 81301
Lee, K.B. Application of a fuzzy logic based self-tuning PID controller to the control of drum water level of a boiler for a power generating plant 60084
Lee, K.C. Evaluation of techniques for bonding wires to quantized Hall resistors 80888
Lee, K.F. Design and implementation of a V.29 data modem using digital signal processing technique 85972
Lee, K.F., Yan, R.H., Jeon, D.Y., Chin, G.M., Kim, Y.O., Tennant, D.M., Razavi, B., Lin, H.D., Wey, Y.G., Westerwick, E.H., Morris, M.D., Johnson, R.W., Liu, T.M., Tarsia, M., Cerullo, M., Swartz, R.G., Ourmazd, A. Room temperature 0.1 μm CMOS technology with 11.8 ps gate delay 93613
Lee, K.F., Yan, R.H., Jeon, D.Y., Kim, Y.O., Tennant, D.M., Westerwick, E.H., Early, K., Chin, G.M., Morris, M.D., Johnson, R.W., Liu, T.M., Kistler, R.C., Voshchenkov, A.M., Swartz, R.G., Ourmazd, A. 0.1 μm p-channel MOSFETs with 51 GHz f_T 62856
Lee, K.F. *see* Liu, T.M. 61659
Lee, K.F. *see* Liu, T.M. 82092
Lee, K.F. *see* Manchanda, L. 62854
Lee, K.F. *see* Mastrapasqua, M. 71669
Lee, K.F. *see* Razavi, B. 70330
Lee, K.F. *see* Razavi, B. 92125
Lee, K.H. Development of CIS single-tube night vision goggle 88906
Lee, K.H. Using the difference method in the detection of abnormalities in MRI images 98876
Lee, K.H. *see* Liu, C.T. 63025
Lee, K.H. *see* Liu, C.T. 93616
Lee, K.H. *see* Yu, D.C.H. 82078
Lee, K.K. *see* Drewery, J. 59104
Lee, K.K. *see* Lee, B.S. 85846
Lee, K.M. *see* Flannery, D.L. 72541
Lee, K.P. *see* Hues, S.M. 56180
Lee, K.R., Sundaram, K.B., Malocha, D.C. Studies on deposition parameters of silicon-nitride films prepared by a silane-nitrogen plasma-enhanced-chemical-vapour-deposition process 91563
Lee, K.R. *see* Lee, S.O. 62982
Lee, K.S., Shin, J.H., Cha, M.J., Cha, G.S., Trojanowicz, M., Liu, D., Goldberg, H.D., Hower, R.W., Brown, R.B. Multiionophore-based solid-slate potentiometric ion sensor as a cation detector for ion chromatography 97896
Lee, K.Y. Fuzzy adaptive decision feedback equaliser 58271
Lee, K.Y. Complex RLS fuzzy adaptive filter and its application to channel equalisation 84488
Lee, K.Y. *see* Daeshik Lee 96939
Lee, K.Y. *see* Guoping Liu 65794
Lee, K.Y. *see* Jordan, H.F. 82874
Lee, K.Y. *see* Ramaswamy, P. 89527
Lee, L.-s., Tseng, C.-y., Chen, K.-J., Hung, I.-J., Lee, M.-Y., Chien, L.-F., Lee, Y., Lyu, R., Wang, H.-m., Wu, Y.-C., Lin, T.-S., Gu, H.-y., Nee, C.-p., Liao, C.-Y., Yang, Y.-J., Chang, Y.-C., Yang, R.-c. Golden Mandarin (II)—an improved single-chip real-time Mandarin dictation machine for Chinese language with very large vocabulary 84079
Lee, L.-S. *see* Lin, C.-H. 73887
Lee, L.C. *see* Ji, P. 90966
Lee, L.C.K. *see* Gu, Q.S. 95761
Lee, L.H., Lyons, W.G., Orlando, T.P., Ali, S.M., Withers, R.S. Full-wave analysis of superconducting microstrip lines on anisotropic substrates using equivalent surface impedance 50397
Lee, L.H. *see* Shields, J.Q. 86892
Lee, L.H.C., Lee, L.W. Scarce-state-transition error-trellis decoding of block codes with BPSK signals 73599
Lee, L.M. *see* Bauer, F. 58676
Lee, L.M. *see* Johnson, D.E. 87113
Lee, L.M. *see* Reed, R.P. 87112
Lee, L.W., Wang, J.F., Lee, J.Y., Chen, C.C. Motion oriented picture interpolation with the consideration of human perception 85040
Lee, L.W. *see* Lee, L.H.C. 73599
Lee, M., Aseda, K. A high performance of deep-submicron gate ultra-thin film CMOS/SOI circuits with SIMOX substrate 93597
Lee, M. *see* Asada, K. 82089
Lee, M. *see* Corbett, W.J. 67237
Lee, M. *see* Flannery, D.L. 51570
Lee, M. *see* Rangarajan, A. 59336
Lee, M. *see* Safranek, J. 98410
Lee, M. *see* Tran, P. 66892
Lee, M.-Y. *see* Lee, L.-s. 84079
Lee, M.C., Moriarty, D.T., Sulzer, M.P., Groves, K.M., Kuo, S.P., Scali, J.L., Reinisch, B.W. Ionospheric heating experiments at Arecibo using vertically and obliquely transmitted HF waves 83677
Lee, M.C. *see* Groves, K.M. 65910
Lee, M.C. *see* Ho, A.Y. 83658
Lee, M.C. *see* Ho, A.Y. 95414
Lee, M.D., Patterson, R.W., Folds, D.J., Dotson, D.A. Application of simulated three-dimensional audio displays to fighter cockpits: a user survey 59493
Lee, M.H., Ormsby, A.R.T. Qualitatively modelling the effects of electrical circuit faults 80065
Lee, M.H. *see* Tesarek, R.J. 98504

Lee, M.J., Ahn, D.S. Packet loss analysis of non-blocking ATM switches with nonuniform traffic and performance improvement by output buffer sharing 85262
Lee, M.J. *see* Corbett, W.J. 66871
Lee, M.J. *see* Greenland, P. 49173
Lee, M.J. *see* Zarros, P.N. 65457
Lee, M.K., Yeh, M.Y., Guo, S.J., Huang, H.D. Nitrogen-doped ZnSe with selenium-rich growth by low-pressure organometallic chemical vapor deposition 69972
Lee, M.K.E. *see* Calame, J.P. 76376
Lee, M.K.E. *see* Lawson, W. 76377
Lee, M.S., Huang, K.C. Photovoltaic properties of electrochemically doped polyacetylene and its stability 82804
Lee, M.S.L., Redman-White, W., Tenbroek, B.M., Robinson, M. Modelling of thin film SOI devices for circuit simulation including per-instance dynamic self-heating effects 93475
Lee, M.Y. *see* Kwon, K.W. 70503
Lee, M.Y. *see* Kwon, K.W. 93537
Lee, M.Y. *see* Park, J.H. 71407
Lee, M.Y. *see* Park, T. 71697
Lee, N.C., Keating, D. Controllers for use by disabled people 59418
Lee, N.C. *see* Garverick, S.L. 98689
Lee, O. *see* Choi, D. 92428
Lee, P. *see* Lu, I.D. 77875
Lee, P.-C., Voges, E. Three-dimensional semi-vectorial wide-angle beam propagation method 50523
Lee, P.C., Ghosh, S. NOVAHID: a novel architecture for asynchronous, hierarchical, international, distributed, real-time payments processing 85665
Lee, P.C.Y., Ji Wang Vibrations of AT-cut quartz strips of narrow width and finite length 71871
Lee, P.C.Y., Wang, J. Thickness-shear and flexural vibrations of contoured crystal strip resonators 93739
Lee, P.J. *see* Lim, C.H. 83998
Lee, P.M. New insights in optimizing CMOS inverter circuits with respect to hot-carrier degradation 49247
Lee, P.M., Garfinkel, T., Ko, P.K., Chenming Hu Simulating the competing effects of P- and N-MOSFET hot-carrier aging in CMOS circuits 56077
Lee, P.M. *see* Gatenby, D.A. 48643
Lee, P.S., Schreck, R.M., Hare, B.A., McGrath, J.J. Biomedical applications of tunable diode laser spectrometry: correlation between breath carbon monoxide and low level blood carboxyhemoglobin saturation 98855
Lee, P.S.N. China's role in Hong Kong's telecommunications deregulation. A political and economic assessment 58015
Lee, P.S.N. The political economy of deregulating telecommunications in Hong Kong 96329
Lee, P.Y. Telecommunications development in Taiwan, ROC. A study case for modernization 85410
Lee, P.Z., Huang, F.-Y. An efficient prime-factor algorithm for the discrete cosine transform and its hardware implementations 84266
Lee, R., Chupongstimun, V. A partitioning technique for the finite element solution of electromagnetic scattering from electrically large dielectric cylinders 73286
Lee, R. *see* Alavie, A.T. 52923
Lee, R. *see* Bruce, A. 59792
Lee, R. *see* Bruce, A.G. 53624
Lee, R. *see* Jevtic, J. 73261
Lee, R. *see* Jevtic, J.O. 73316
Lee, R. *see* Wang, P.-K. 50340
Lee, R.B., El-Arini, M.B., Broome, N.L. Impact of large Doppler on error performance of FH/MFSK with RS or BCH coding in Rayleigh and Rician fading 75183
Lee, R.B. *see* Knebel, P. 70592
Lee, R.B.W. *see* Cools, K. 95102
Lee, R.C.T. *see* Hsiao, J.Y. 91327
Lee, R.E. *see* Broadwater, R.P. 78085
Lee, R.E. *see* Shaalan, H.E. 77911
Lee, R.E. *see* Tang, D.D. 72111
Lee, R.L., Beshir, M.J., Finley, A.T., Hayes, D.R., Hsu, J.C., Peterson, H.R., DeShazo, G.L., Gerlach, D.W. Application of static VAr compensators for the dynamic performance of the Mead-Apelanto and Mead-Phoenix transmission projects 89197
Lee, R.Q. *see* Simons, R.N. 73534
Lee, R.Q. *see* Simons, R.N. 73566
Lee, R.Q. *see* Simons, R.N. 83873
Lee, R.T. *see* Scharr, T.A. 92841
Lee, S., Kumar, S., Chia, T.C., Serban, A., Springham, S.V. Pulse charging of capacitors for reduction of voltage stress 78775
Lee, S., Lee, H.S. Teleoperator control system design with human in control loop and telemonitoring force feedback 74896
Lee, S., Shin, J., Joo, H., Uchiyama, T., Noguchi, S. A study on the tactile recognition of finger using electrical stimulus 77080
Lee, S. *see* Christian, D.C. 59094
Lee, S. *see* Culham, J.R. 92704
Lee, S. *see* Krishnan, I. 69071
Lee, S. *see* Krishnan, R. 100842
Lee, S. *see* McKay, J. 88468
Lee, S. *see* Shayan Zhang 70710
Lee, S. *see* Shayan Zhang 91973
Lee, S. *see* Spanos, C.J. 60918
Lee, S. *see* Zhang, L. 71311
Lee, S.-L., Fu, L.-C., Yu, W.-H. Adaptive sliding mode control for PM synchronous motor system driven by PWM inverter 60178
Lee, S.-L., Heimbuch, M.E., Mahon, C.J., Dagli, N., DenBaars, S.P., Coldren, L.A. Field-induced guide/antiguide modulators on InGaAsP/InP 63483
Lee, S.-Y.K. *see* Gibson, D.V. 69477
Lee, S.C. Utilization of the sensor relationships in space power distribution system operations 77188
Lee, S.C., Teowee, G., Schrimpf, R.D., Birnie, D.P., III, Uhlmann, D.R., Galloway, K.F. Fatigue effect on the *I-V* characteristics of sol-gel derived PZT thin films 56109
Lee, S.C. *see* Teowee, G. 56133
Lee, S.C. *see* Yu Chin Cheng 96105
Lee, S.H., Kim, K.C., Kim, Y.J., Choi, S.W. Dielectric pyroelectric and piezoelectric properties in the $Pb(Mg_{1/3}Nb_{2/3})O_3$-$PbTiO_3$-$Pb(Zn_{1/3}Nb_{2/3})O_3$ system 56131
Lee, S.H., Kim, Y.J., Shin, Y.H., Choi, S.W. Dielectric and ferroelectric properties in the $Pb(Mg_{1/3}Nb_{2/3})O_3$-$PbTiO_3$-$BaTiO_3$ system 56104
Lee, S.H. *see* Cantanzaro, B. 83387
Lee, S.H. *see* Dharchoudhury, A. 91820
Lee, S.H. *see* Fan, J. 50699
Lee, S.H. *see* Fan, J. 50703
Lee, S.H. *see* Fan, J. 56515
Lee, S.H. *see* Fan, J. 56588
Lee, S.H. *see* Fan, J. 80039
Lee, S.H. *see* Ford, J.E. 82765
Lee, S.H. *see* Jian Ma 83362
Lee, S.H. *see* Jin, M.S. 56577
Lee, S.H. *see* Patra, S.K. 54493
Lee, S.H. *see* Patra, S.K. 82854
Lee, S.H. *see* Sasaki, H. 63359
Lee, S.H. *see* Sasaki, H. 82527
Lee, S.H. *see* Schenfeld, E. 50640
Lee, S.H. *see* Shy, S.L. 81611
Lee, S.H. *see* Takahashi, H. 56941
Lee, S.H. *see* Urquhart, K.S. 64033
Lee, S.H. *see* Zaleta, D. 82856
Lee, S.H. *(editor)* Diffractive and Miniaturized Optics. Proceedings 54331
Lee, S.I., Kim, J.G., Joo, E.K. Class of DC-free error correcting codes based on convolutional codes 83995
Lee, S.I., Kim, J.G., Joo, E.K., Deng, R.H., Li, Y.X. DC-free error-correcting convolutional codes [comment and reply] 95146
Lee, S.I. *see* Hwang, Y.S. 62550
Lee, S.I. *see* Park, J.H. 71407
Lee, S.J. *see* Khurgin, J.B. 83340
Lee, S.J. *see* Kim, T.W. 81301
Lee, S.J. *see* Kim, T.W. 93028
Lee, S.M. *see* Osman, M.S.A. 91332
Lee, S.O., Park, S.B., Lee, K.R. New CMOS triode transconductor 62982
Lee, S.P. The step-by step approach to fire protection: how to gain maximum benefit from minimum resources 99910
Lee, S.S. *see* Groover, R. 81113
Lee, S.S. *see* Kim, T.W. 81301
Lee, S.T. *see* Ohmi, K. 70143
Lee, S.T. *see* Paz-Pujalt, G.R. 82666
Lee, S.U. *see* Cho, N.I. 84287
Lee, S.W., Chu, K.U., Kim, S.W., Park, S., Kwon, O'D., Goossen, K.W., Pei, S.S. InGaAs/GaAs shallow quantum well optical switches grown by metalorganic vapor phase epitaxy 63610
Lee, S.W., Paik, J.K. Image interpolation using adaptive fast B-spline filtering 84982
Lee, S.W., Yakahashi, Y., Kurahashi, Y. A multipulse speech coding system using a method for approximate-synthesis of transition segment including unvoiced consonants 51424
Lee, S.W. *see* Bejan, A. 79413
Lee, S.W. *see* Vadher, V.V. 60179
Lee, S.Y. Nonlinear beam dynamics experiments at the IUCF cooler ring 66843
Lee, S.Y. Even order snake resonances 67041
Lee, S.Y. Single-particle dynamics at synchro-betatron coupling resonances 67246
Lee, S.Y., Ng, K.Y., Trbojevic, D. A design of a quasi-isochronous storage ring 66869
Lee, S.Y., Saluja, K.K. Sequential test generation with reduced test clocks for partial scan designs 49389
Lee, S.Y. *see* Blinov, B.B. 87861
Lee, S.Y. *see* Budnick, J. 76688
Lee, S.Y. *see* Ellison, M. 66909
Lee, S.Y. *see* Gerasimov, A. 87916
Lee, S.Y. *see* Li, D. 98409
Lee, S.Y. *see* Liu, J.Y. 98399
Lee, S.Y. *see* Syphers, M.J. 66966
Lee, S.Y. *see* Wang, Y. 66910
Lee, T., Chuang, W., Hajj, I.N., Fuchs, W.K. Circuit-level dictionaries of CMOS bridging faults 49399
Lee, T., Liu, C.C., Chien, C.C., Chou, M.C. ZVS-IPRC: a zero voltage switching technique using secondary resonant synchronous rectifier 100300
Lee, T., Mahalingam, M. Application of a CFD tool for system level thermal simulation 91017
Lee, T. *see* Caryotakis, G. 67156
Lee, T. *see* Ching, P.C. 95294
Lee, T. *see* Drury, M. 67082
Lee, T. *see* Larson, D.J., Jr. 91419
Lee, T. *see* Yoon, M. 87910
Lee, T.-C. *see* Wang, W.W. 56324
Lee, T.-H. *see* Miller, T.L. 76079
Lee, T.-Y., Chen, N. Effect of the battery energy storage system on the time-of-use rates industrial customers 99478
Lee, T.C. *see* Chen, T.P. 62306
Lee, T.C. *see* Shan, Y.Y. 81226
Lee, T.D. *see* Hwang, C.H. 50229
Lee, T.E., Cho, M.Y., Chen, C.S. Distribution system reconfiguration to reduce resistive losses 89250
Lee, T.G. *see* Fowkes, W.R. 62099
Lee, T.H., Donnelly, K., Ho, J., Zerbe, J., Johnson, M., Ishikawa, T. A 2.5 V delay-locked loop for an 18 Mb 500 MB/s DRAM 92231
Lee, T.H., Koh, E.K. A multiprocessor-based adaptive multivariable controller for a gyro-mirror targeting system 99078
Lee, T.H., Low, T.-S., Tseng, K.-J., Lim, H.K. An intelligent indirect dynamic torque sensor for permanent magnet brushless DC drives 69088
Lee, T.H., Low, T.S., Al-Mamun, A., Jabbar, M.A. DSP-based seek controller for disk drive servomechanism 50367
Lee, T.H. *see* Ma, L.Y.X. 78642
Lee, T.H. *see* Nichols, D.N. 66046
Lee, T.K., Liang, Y.C. Minimisation of current crowding during turn-off of power GTO devices 93365
Lee, T.L. *see* Tsai, H.H. 81792
Lee, T.M. A different perspective of the per-unit system in power system engineering 77811
Lee, T.P. *see* Chung-En Zah 72838
Lee, T.P. *see* Hwang, D.M. 61038
Lee, T.P. *see* Kikuchi, K. 63816
Lee, T.P. *see* Uomi, K. 50824
Lee, T.P. *see* Wang, M.C. 63805
Lee, T.P. *see* Zah, C.E. 97283
Lee, T.S., Fung, K., Ming, Z. Experiments on paper insulation in a corona environment 63054
Lee, T.T. Generalized recursive sorting networks 58102
Lee, T.T., Liew, S.C. Broadband packet switches based on dilated interconnection networks 51763
Lee, T.T., Liew, S.C. Parallel communications for ATM network control and management 74642
Lee, T.T. *see* Byun, J.W. 85239
Lee, T.T. *see* Huang, H.C. 80781
Lee, T.T. *see* Liew, S.C. 51756
Lee, T.Y. *see* Chin, W.K. 81071
Lee, V.C.S., Hung, S.L. Automatic cloud identification based on self-organizing map 53549
Lee, V.K. Pulsed EMI protection in electronic power supplies 55143
Lee, V.Y. *see* Miller, R.D. 56913
Lee, V.Y. *see* Twieg, R.J. 56415
Lee, W. Continuous improvement 91121
Lee, W.-J., Chen, M.-S., Gim, J.-H., Yoshimura, K., Wang, S.P. Dynamic stability analysis of an industrial power system 67981
Lee, W.-J., Chen, M.-S., Wang, S.-P. Development of a real time power system dynamic performance monitoring system 60013
Lee, W.-J., Ho, T.-Y., Liu, J.-P., Liu, Y.-H. Negative sequence current reduction for generator/turbine protection 68530
Lee, W.C., Hluchyj, M.G. Dynamic connection management for call-level QOS guarantee in integrated communication networks 65187
Lee, W.C. *see* Humblet, P.A. 64927
Lee, W.C. *see* Wollman, D.A. 63299
Lee, W.C.Y. Applying the intelligent cell concept to PCS 75339
Lee, W.D. *see* Drullinger, R.E. 86922
Lee, W.D. *see* Shirley, J.H. 86903
Lee, W.E. *see* Karakas, Y. 70939
Lee, W.E. *see* McCoy, M.A. 82636
Lee, W.G. *see* Luo, R.C. 97901
Lee, W.G. *see* Woo, S.H. 71379
Lee, W.J. Optimal order quantities and prices with storage space and inventory investment limitations 61115
Lee, W.K. *see* Choi, J.D. 70491
Lee, W.K. *see* Ho, C.M. 60022
Lee, W.S., Pettitt, G.A., Wakefield, J., Patel, B.L., Hadjifotiou, A. Optically amplified high capacity transmission at 20 Gbit/s by TDM 52587
Lee, W.S., Pettitt, G.A., Wakefield, J., Patel, B.L., Hadjifotiou, A. Practical implementation of high performance optical transmitter/receiver subsystems for 20 Gbit/s TDM operation 65808
Lee, W.S. *see* Yoon, J.Y. 70485
Lee, W.W.S., Yung, E.K.N. The input impedance of a coaxial line fed probe in a cylindrical waveguide 73445
Lee, W.W.S. *see* Yung, E.K.N. 57236
Lee, W.Y. *see* Krozer, V. 92533
Lee, W.Y. *see* Yang, C.J. 71938
Lee, Y., Fernow, J.P. Analysis of GPS RAIM continuity and availability of oceanic RNP operations 58513
Lee, Y. *see* Daigle, J.N. 51801

Lee, Y. *see* Lee, L.-s. 84079
Lee, Y. *see* Nishikawa, T. 83213
Lee, Y.-H., Hui, S., Sabi, B. Evaluation of moisture induced hot-carrier degradation of N- and P-MOSFETs using steam stress 93414
Lee, Y.-H., Yau, L., Chau, R., Hansen, E., Sabi, B., Hui, S., Moon, P., Vandentop, G. Correlation of plasma process induced charging with Fowler-Nordheim stress in p- and n-channel transistors 62999
Lee, Y.-H. *see* Shin, Y.-D. 53029
Lee, Y.-Y. *see* Wu, L. 50141
Lee, Y.C. *see* Sa-Yoon Kang 92849
Lee, Y.C. *see* Wei Lin 94212
Lee, Y.C. *see* Xie, H. 61371
Lee, Y.F. *see* Ganasan, J.R. 92796
Lee, Y.H. *see* Kwon, H.C. 76890
Lee, Y.H. *see* Park, S.S. 70437
Lee, Y.H. *see* Prasad, M.K. 95378
Lee, Y.H. *see* van Duuren, M.J. 66314
Lee, Y.I. *see* Kwon, W.H. 70737
Lee, Y.J., Khuri-Yakub, B.T., Saraswat, K.C. Temperature measurement in rapid thermal processing using acoustic techniques 53071
Lee, Y.J. *see* Degertekin, F.L. 93104
Lee, Y.J. *see* Gray, J.L. 90431
Lee, Y.J. *see* Moslehi, M.M. 90920
Lee, Y.J. *see* Saraswat, K.C. 62352
Lee, Y.J. *see* Yang, S.M. 82225
Lee, Y.K., Johnson, D.H. Nonparametric prediction of non-Gaussian time series 84518
Lee, Y.K. *see* Ng, J.M. 85914
Lee, Y.P., Freese, H., Hanna, J., Mikhalevsky, P. Adaptive matched field processing of a large array in a white noise environment 97446
Lee, Y.P., Hanna, J. Application of adaptive beamforming to the unequally spaced, crooked, fixed bottomed line array in the shallow water 95491
Lee, Y.S., Bowers, T.L., Chopra, B.J., Thompson, T.T., Zimmerman, E.W. Problems and solutions in application of IEEE standards at Savannah River Site, Department of Energy (DOE) nuclear facilities 99883
Lee, Y.S. *see* Hsieh, S.W. 93063
Lee, Y.S. *see* Lai, Y.M. 100252
Lee, Y.S. *see* So, W.C. 91884
Lee, Y.S. *see* Tam, W.K. 61548
Lee, Y.T. *see* Yang, H.C. 56275
Lee, Y.Y. *see* Tanaka, M. 66947
Lee Bang Won *see* Bang Won Lee
Lee Beom-Taek *see* Beom-Taek Lee
Lee Beornje *see* Beornje Lee
Lee Biing-Jye *see* Biing-Jye Lee
Lee Bo *see* Bo Lee
Lee Bo-Sang *see* Bo-Sang Lee
Lee Bok-Hee *see* Bok-Hee Lee
Lee Bong Lak *see* Bong Lak Lee
Lee Bu Sung *see* Chan Choong Wah 74973
Lee Bu-Sung *see* Bu-Sung Lee
Lee Bun *see* Bun Lee
Lee Byeong Gi *see* Byeong Gi Lee
Lee Byeong Rae *see* Byeong Rae Lee
Lee Byong-Whi *see* Byong-Whi Lee
Lee Byoung Ju *see* Byoung Ju Lee
Lee Byung-Teak *see* Byung-Teak Lee
Lee Byung-Uk *see* Byung-Uk Lee
Lee Chan Joo *see* Chan Joo Lee
Lee Chang Hoon *see* Chang Hoon Lee
Lee Chang Woo *see* Chang Woo Lee
Lee Chang-Hee *see* Chang-Hee Lee
Lee Charng Long *see* Charng Long Lee
Lee Chau-Hwang *see* Chau-Hwang Lee
Lee Chen-Yi *see* Chen-Yi Lee
Lee Cheng-Chung *see* Cheng-Chung Lee
Lee Cheng-Hua *see* Cheng-Hua Lee
Lee Chi Hwan *see* Chi Hwan Lee
Lee Chien-Ping *see* Chien-Ping Lee
Lee Chin-Hui *see* Chin-Hui Lee
Lee Ching-Huei *see* Ching-Huei Lee
Lee Chong Ho *see* Chong Ho Lee
Lee Choo Chon *see* Choo Chon Lee
Lee Choochon *see* Choochon Lee
Lee Choon-Ho *see* Choon-Ho Lee
Lee Choong Woong *see* Choong Woong Lee
Lee Choong-Woong *see* Choong-Woong Lee
Lee Chul-Seung *see* Chul-Seung Lee
Lee Chun Sik *see* Chun Sik Lee
Lee Chung Len *see* Chung Len Lee
Lee Chung-Yee *see* Chung-Yee Lee
Lee Chwan-Ying *see* Chwan-Ying Lee
Lee Dae-Sik *see* Dae-Sik Lee
Lee Dae-Young *see* Dae-Young Lee
Lee Dae-Youp *see* Dae-Youp Lee
Lee Daeshik *see* Daeshik Lee
Lee Dong Do *see* Dong Do Lee
Lee Dong-Choon *see* Dong-Choon Lee
Lee Donghan *see* Donghan Lee
Lee Dongjin *see* Dongjin Lee
Lee Dongyun *see* Dongyun Lee
lee Doo Soo *see* Doo Soo lee
Lee Duckchool *see* Duckchool Lee
Lee Duk-Dong *see* Duk-Dong Lee
Lee El Hang *see* El Hang Lee
Lee El-Hang *see* El-Hang Lee
Lee Eun-Ju *see* Eun-Ju Lee
Lee Eung Goo *see* Eung Goo Lee
Lee Eung Sang *see* Eung Sang Lee
Lee Gi Hun *see* Gi Hun Lee
Lee Gyoo-Yeong *see* Gyoo-Yeong Lee
Lee Hae-Gwon *see* Hae-Gwon Lee
Lee Hae-Seung *see* Hae-Seung Lee
Lee Hai-Young *see* Hai-Young Lee
Lee Han-Sheng *see* Han-Sheng Lee
Lee Hang Seop *see* Hang Seop Lee
Lee He-Jun *see* He-Jun Lee
Lee Hee-Gook *see* Hee-Gook Lee
Lee Ho Seong *see* Ho Seong Lee
Lee Ho-cheol *see* Ho-cheol Lee
Lee Ho-Seok *see* Ho-Seok Lee
Lee Ho-Tsen *see* Ho-Tsen Lee
Lee Hong Keun *see* Hong Keun Lee
Lee Hong Kyu *see* Hong Kyu Lee
Lee Hong-bae *see* Hong-bae Lee
Lee Hsi-Chieh *see* Hsi-Chieh Lee
Lee Hsio Lin *see* Hsio Lin Lee
Lee Hu Jong *see* Hu Jong Lee
Lee Hua *see* Hua Lee
Lee Hwae Hi *see* Hwae Hi Lee
Lee Hwang-Soo *see* Hwang-Soo Lee
Lee Hyang-beom *see* Hyang-beom Lee
Lee Hyeong Ho *see* Hyeong Ho Lee
Lee Hyo-Seong *see* Hyo-Seong Lee
Lee Hyuek-Jae *see* Hyuek-Jae Lee
Lee Hyung Ok *see* Hyung Ok Lee
Lee Hyung-Jong *see* Hyung-Jong Lee
Lee Il Hyeong *see* Il Hyeong Lee
Lee Il-Chun *see* Il-Chun Lee
Lee Ill-Woo *see* Ill-Woo Lee
Lee In Sook *see* In Sook Lee
Lee Inkyu *see* Inkyu Lee
Lee Insung *see* Insung Lee
Lee Inyeol *see* Inyeol Lee
Lee Jae Gue *see* Jae Gue Lee
Lee Jae Hak *see* Jae Hak Lee
Lee Jae Heung *see* Jae Heung Lee
Lee Jae Ho *see* Jae Ho Lee
Lee Jae Hwang *see* Jae Hwang Lee
Lee Jae Kyoung *see* Jae Kyoung Lee
Lee Jae Suk *see* Jae Suk Lee
Lee Jae-Hyeong *see* Jae-Hyeong Lee
Lee Jae-Kab *see* Jae-Kab Lee
Lee Jae-Seung *see* Jae-Seung Lee
Lee Jae-Suk *see* Jae-Suk Lee
Lee Jai Yong *see* Jai Yong Lee
Lee Jai-Chan *see* Jai-Chan Lee
Lee Jang Gyu *see* Jang Gyu Lee
Lee Jau-Yien *see* Jau-Yien Lee
Lee JaWoong *see* JaWoong Lee
Lee Jay Kyoon *see* Jay Kyoon Lee
Lee Je Suk *see* Je Suk Lee
Lee Jeong Gey *see* Jeong Gey Lee
Lee Jeong Ku *see* Jeong Ku Lee
Lee Jeong-A *see* Jeong-A Lee
Lee Jeong-Sang *see* Jeong-Sang Lee
Lee Jeongbae *see* Jeongbae Lee
Lee Jeonghoon *see* Jeonghoon Lee
Lee Ji Hong *see* Ji Hong Lee
Lee Ji-Chien *see* Ji-Chien Lee
Lee Jia-You *see* Jia-You Lee
Lee Jiann-Der *see* Jiann-Der Lee
Lee Jiann-Shu *see* Jiann-Shu Lee
Lee Jin He *see* Jin He Lee
Lee Jin Hyo *see* Jin Hyo Lee
Lee Jin Woo *see* Jin Woo Lee
Lee Jin-Fa *see* Jin-Fa Lee
Lee Jin-Fuw *see* Jin-Fuw Lee
Lee Jin-Hee *see* Jin-Hee Lee
Lee Jin-Ho *see* Jin-Ho Lee
Lee Jin-Hyo *see* Jin-Hyo Lee
Lee Jin-Won *see* Jin-Won Lee
Lee Jing *see* Jing Lee
Lee Jinjoo *see* Jinjoo Lee
Lee Jong Duk *see* Jong Duk Lee
Lee Jong Gil *see* Jong Gil Lee
Lee Jong Hwa *see* Jong Hwa Lee
Lee Jong Hyun *see* Jong Hyun Lee
Lee Jong Kyu *see* Jong Kyu Lee
Lee Jong Seok *see* Jong Seok Lee
Lee Jong Tai *see* Jong Tai Lee
Lee Jong Wook, Chang Jik Hyun The tight upper bound on the number of intersections between two rectangular paths 91695
Lee Jong-Hoon *see* Jong-Hoon Lee
Lee Jong-Lam *see* Jong-Lam Lee
Lee Jong-Sen *see* Jong-Sen Lee
Lee Joo In *see* Joo In Lee
Lee Joo Yeol *see* Joo Yeol Lee
Lee Joon Whoan *see* Joon Whoan Lee
Lee Joong-Hyun *see* Joong-Hyun Lee
Lee Joonwoo *see* Joonwoo Lee
Lee Joseph Ya-Min *see* Joseph Ya-Min Lee
Lee Ju-Hong *see* Ju-Hong Lee
Lee Ju-Jang *see* Ju-Jang Lee
Lee Jun Ha *see* Jun Ha Lee
Lee Jun Jae *see* Jun Jae Lee
Lee Jung Whan *see* Jung Whan Lee
Lee Jung-Hee *see* Jung-Hee Lee
Lee Jung-Hoon *see* Jung-Hoon Lee
Lee Jung-Hwa *see* Jung-Hwa Lee
Lee Jung-Keun *see* Jung-Keun Lee
Lee Jung-Tae *see* Jung-Tae Lee
Lee Jung-Yeal *see* Jung-Yeal Lee
Lee Junghsi *see* Junghsi Lee
Lee Jungwoo *see* Jungwoo Lee
Lee Kai-Fong *see* Kai-Fong Lee
Lee Kai-Fu *see* Kai-Fu Lee
Lee Keh-Yi *see* Keh-Yi Lee
Lee Ki Dong *see* Ki Dong Lee
Lee Ki Poong *see* Ki Poong Lee
Lee Ki Won *see* Ki Won Lee
Lee Ki Young *see* Ki Young Lee
Lee Ki-Chul *see* Ki-Chul Lee
Lee Ki-Sik *see* Ki-Sik Lee
Lee Kie Young *see* Kie Young Lee
Lee KiJong *see* KiJong Lee
Lee Kin Man *see* Kin Man Lee
Lee King-Hung *see* King-Hung Lee
Lee Kok-Meng *see* Kok-Meng Lee
Lee Kuen-Hsien *see* Kuen-Hsien Lee
Lee Kuen-Jong *see* Kuen-Jong Lee
Lee Kuhn Il *see* Kuhn Il Lee
Lee Kuhn-Il *see* Kuhn-Il Lee
Lee Kun-Taek *see* Kun-Taek Lee
Lee Kuo-Chun *see* Kuo-Chun Lee
Lee Kuo-Hua *see* Kuo-Hua Lee
Lee Kwang Kee *see* Kwang Kee Lee
Lee Kwang-Hui *see* Kwang-Hui Lee
Lee Kwang-Sup *see* Kwang-Sup Lee
Lee Kwyro *see* Kwyro Lee
Lee Kyeongho *see* Kyeongho Lee
Lee Kyoon Ha *see* Kyoon Ha Lee
Lee Kyosik *see* Kyosik Lee
Lee Kyu-Haeng *see* Kyu-Haeng Lee
Lee Kyu-Pil *see* Kyu-Pil Lee
Lee Kyu-Won *see* Kyu-Won Lee
Lee Kyun Kyung *see* Kyun Kyung Lee
Lee Kyung Ha *see* Kyung Ha Lee
Lee Kyung Shik *see* Kyung Shik Lee
Lee Lee-Min *see* Lee-Min Lee
Lee Liang-Wei *see* Liang-Wei Lee
Lee Liaug-Wei *see* Liaug-Wei Lee
Lee Lin-Shan *see* Lin-Shan Lee
Lee Manseop *see* Manseop Lee
Lee Meehye *see* Meehye Lee
Lee Meemong *see* Meemong Lee
Lee Mei-Yun *see* Xu Qi-Hua 97932
Lee Min Soo *see* Min Soo Lee
Lee Min-Soo *see* Min-Soo Lee
Lee Min-Suk *see* Min-Suk Lee
Lee Min-Young *see* Min-Young Lee
Lee Ming-Jeng *see* Ming-Jeng Lee
Lee Ming-Yu *see* Ming-Yu Lee
Lee Moon Ho *see* Moon Ho Lee
Lee Moon Hyoung *see* Moon Hyoung Lee
Lee Moon Key *see* Moon Key Lee
Lee Moon-Yong *see* Moon-Yong Lee
Lee Myeong-Hwan *see* Myeong-Hwan Lee
Lee Myoung Ho *see* Myoung Ho Lee
Lee Nam-Sua *see* Nam-Sua Lee
Lee Narn-Yih *see* Narn-Yih Lee
Lee Neungheon *see* Neungheon Lee
Lee Ning-Cheng *see* Ning-Cheng Lee
Lee Noh Sung *see* Noh Sung Lee
Lee Ouseb *see* Ouseb Lee
Lee Pee-Yew *see* Pee-Yew Lee
Lee Pei-Zong *see* Pei-Zong Lee
Lee PeiZong *see* PeiZong Lee
Lee Pil Joong *see* Pil Joong Lee
Lee Rae Duk *see* Rae Duk Lee
Lee Saang Woong *see* Saang Woong Lee
Lee Sanboh *see* Sanboh Lee
Lee Sang Don *see* Sang Don Lee
Lee Sang Gon *see* Sang Gon Lee
Lee Sang Hee *see* Sang Hee Lee
Lee Sang In *see* Sang In Lee
Lee Sang Jun *see* Sang Jun Lee
Lee Sang Rock *see* Sang Rock Lee
Lee Sang Seol *see* Sang Seol Lee
Lee Sang Seul *see* Sang Seul Lee
Lee Sang Suk *see* Sang Suk Lee
Lee Sang Uk *see* Sang Uk Lee
Lee Sang Yeol *see* Sang Yeol Lee
Lee Sang Yeong *see* Sang Yeong Lee
Lee Sang Yun *see* Sang Yun Lee
Lee Sang-Bo *see* Sang-Bo Lee
Lee Sang-Chul *see* Sang-Chul Lee
Lee Sang-Hoon *see* Sang-Hoon Lee
Lee Sang-Shin *see* Sang-Shin Lee
Lee Sangmin *see* Sangmin Lee
Lee See Woo *see* See Woo Lee
Lee Seh-Kwang *see* Seh-Kwang Lee
Lee Seong-Rae *see* Seong-Rae Lee
Lee Seong-Whan *see* Seong-Whan Lee
Lee Seung Hee *see* Seung Hee Lee
Lee Seung Ho *see* Seung Ho Lee
Lee Seung Won *see* Seung Won Lee
Lee Seung Wook *see* Seung Wook Lee
Lee Seung-Chang *see* Seung-Chang Lee
Lee Seung-Ha *see* Seung-Ha Lee
Lee Seung-hoon *see* Seung-hoon Lee
Lee Seung-Min *see* Seung-Min Lee
Lee Shie-Jue *see* Shie-Jue Lee
Lee Shikung *see* Shikung Lee
Lee Shin-Muh *see* Shin-Muh Lee
Lee Shing-Huan *see* Shing-Huan Lee
Lee Shiuh-Wuu *see* Shiuh-Wuu Lee
Lee Shun *see* Shun Lee
Lee Si-Chen *see* Si-Chen Lee
Lee Si-Woo *see* Si-Woo Lee
Lee Siyeol *see* Siyeol Lee
Lee Soo Won *see* Soo Won Lee
Lee Soo Young *see* Soo Young Lee
Lee Soo-Hong *see* Soo-Hong Lee
Lee Soo-Young *see* Soo-Young Lee
Lee Soon-Gul *see* Soon-Gul Lee
Lee Soonchil *see* Soonchil Lee
Lee Sun Ki *see* Sun Ki Lee
Lee Sun Sook *see* Sun Sook Lee
Lee Sun-Jeong *see* Sun-Jeong Lee

Lee Sungchang *see* Sungchang Lee
Lee Ta-Sung *see* Ta-Sung Lee
Lee Taeck-Kie *see* Taeck-Kie Lee
Lee Taek-Hyun *see* Taek-Hyun Lee
Lee Taeyeon *see* Taeyeon Lee
Lee Tak Kwan *see* Tak Kwan Lee
Lee Tein-Pei *see* Tein-Pei Lee
Lee Teng Kiat *see* Teng Kiat Lee
Lee Tong *see* Tong Lee
Lee Tong-Heng *see* Tong-Heng Lee
Lee Tong-Nyong *see* Tong-Nyong Lee
Lee Trong-Huang *see* Trong-Huang Lee
Lee Tsern-Huei *see* Tsern-Huei Lee
Lee Tzung-Yin *see* Tzung-Yin Lee
Lee Tzuo-Chang *see* Tzuo-Chang Lee
Lee Wah-Keat *see* Wah-Keat Lee
Lee Wang Gug *see* Wang Gug Lee
Lee Wanjik *see* Wanjik Lee
Lee Wei-I *see* Wei-I Lee
Lee Wei-Jen *see* Wei-Jen Lee
Lee Wei-Yu *see* Wei-Yu Lee
Lee Wen-Chau *see* Wen-Chau Lee
Lee Wing Sang *see* Wing Sang Lee
Lee Won-Hyuk *see* Won-Hyuk Lee
Lee Woo-Hyeong *see* Woo-Hyeong Lee
Lee Woo-Sun *see* Woo-Sun Lee
Lee Woobin *see* Woobin Lee
Lee Wu-Il *see* Wu-Il Lee
Lee Xiaobing *see* Xiaobing Lee
Lee Yann-Hang *see* Yann-Hang Lee
Lee Yea Hoon *see* Yea Hoon Lee
Lee Yeou-Song *see* Yeou-Song Lee
Lee Yi-Teh *see* Yi-Teh Lee
Lee Yim-Kul *see* Yim-Kul Lee
Lee Yim-Shu *see* Yim-Shu Lee
Lee Yong Ho *see* Yong Ho Lee
Lee Yong Hoon *see* Yong Hoon Lee
Lee Yong Jae *see* Yong Jae Lee
Lee Yong Jin *see* Yong Jin Lee
Lee Yong Kyun *see* Yong Kyun Lee
Lee Yong-Hee *see* Yong-Hee Lee
Lee Yong-Jin *see* Yong-Jin Lee
Lee Yongman *see* Yongman Lee
Lee Yoon Jong *see* Yoon Jong Lee
Lee Youn-Jung *see* Youn-Jung Lee
Lee Young Chul *see* Young Chul Lee
Lee Young Ho *see* Young Ho Lee
Lee Young Il *see* Young Il Lee
Lee Young-Tae *see* Young-Tae Lee
Lee Young-Tak *see* Young-Tak Lee
Lee Youngho *see* Youngho Lee
Lee Yuk-Tong *see* Yuk-Tong Lee
Lee Yun Hee *see* Yun Hee Lee
Lee Yung-Li *see* Yung-Li Lee
Lee-Ching Kuo *see* Kuin-Hui Chen 93320
Lee-Ching Kuo *see* Yeau-Keuen Fang 56580
Lee-Fang Wei Generalized square and hexagonal constellations for intersymbol-interference channels with generalized Tomlinson-Harashima precoders 95068
Lee-Feng Chien *see* Lin-Shan Lee 95300
Lee-Min Lee, Jen-Kwang Chen, Hsiao-Chuan Wang Noisy adaptive cepstral coefficients and its application to noisy speech recognition 95312
Lee-Sup Kim *see* Matsui, M. 97632
Lee-Whiting, G.E., Davies, W.G. Analytic representation of cyclotron magnetic field 87616
Lee-Whiting, G.E. *see* Davies, W.G. 87677
Leeb, S.B., Kirtley, J.L., Jr. A multiscale transient event detector for nonintrusive load monitoring 89405
Leeb, S.B. *see* Eissa, M.O. 68807
Leeb, W.R. *see* Kudielka, K.H. 97248
Leeb, W.R. *see* Neubert, W.M. 75388
Leeb, W.R. *see* Pichler, W. 86601
Leech, C.S., Jr. Removing moisture from electronic components and assemblies 81097
Leech, P.W., Heazle, K.D., Deacon, G.B., Dickson, R.S., West, B.O., Faith, M., Frost, C.R. p-type doping of $Hg_{0.4}Cd_{0.6}Te$ using Et_4Sb_2 49870
Leech, P.W., Reeves, G.K., Kibel, M.H. Pd/Zn/Pd/Au ohmic contacts to p-type $In_{0.47}Ga_{0.53}As/InP$ 93261
Leech, P.W. *see* Studd, W.B. 48929
Leehter Yao, Sethares, W.A. Nonlinear parameter estimation via the genetic algorithm 57554
Leek, M.R. MPEG Q&A 74576
Leeman Hong, Yueh, W.H., Allen, D.J. Auto-loop improvement 68201
Leemann, R. *see* Lenzlinger, M. 99979
Leemans, W., Behrsing, G., Kim, K.-J., Krupaick, J., Matuk, C., Selph, F., Chattopadhyay, S. The 50 MeV beam test facility at LBL 66863
Leemans, W. *see* Barletta, B. 76636
Leemans, W. *see* Bengtsson, J. 67000
Leemans, W.P., Edighoffer, J.A., Swent, R.L. Measurement of single-pulse spectra of an infrared FEL 50915
Leemburg, A., Jr. Taiwan's Hsinta will deliver 2200 MW at 60 Hz 78460
Leemian Chen *see* Tate, J.P. 92896
Leen-Kiat Soh, Tsatsoulis, C. A feature extraction technique for synthetic aperture radar (SAR) sea ice imagery 77429
Leenaerts, D. *see* Donnay, S. 49571
Leenaerts, D.M.W., Leeuwenburgh, A.J., Persoon, G.G. A high-performance SI memory cell 92245
Leenaerts, D.M.W. *see* Kevenaar, T.A.M. 48740
Leenhardt, O. ST18XSTAR. The first static answering/recording single DSP chip 70632
Leeper, R.J. *see* Fehl, D.L. 67411
Leerkotte, B. *see* Koelink, M.H. 76940
Lees, D.S., Leifer, L.J. A graphical programming language for robots operating in lightly structured environments 53477
Lees, F.C. Library information at the Rockefeller University: a first look 58114
Lees, M.D. *see* Hendsbee, P.M. 78318
Lees, P. *see* Stronach, A.F. 60501
Lees, P. *see* Vas, P. 60503
Lees, P.W. Qualification testing of automotive terminals for high reliability applications 92666
Lees, R.M. *see* Carelli, G. 82933
Lees, R.M. *see* Li-Hong Xu 83236
Leeser, M. *see* Aagaard, M. 80056
Leeser, M. *see* Linderman, M. 91822
Leeson, M.S., Payne, F.P. Predicted performance of Franz-Keldysh effect optical reflection modulators and comparisons with similar multiple quantum well-based devices 94175
Leet, D.M. *see* Evans, D.R. 70066
Leeuw, A.A.C.De *see* De Leeuw, A.A.C.
Leeuw, D.De *see* De Leeuw, D.
Leeuw, D.M.de *see* de Leeuw, D.M.
Leeuw, G.de *see* de Leeuw, G.
Leeuwe, J.J.van *see* van Leeuwe, J.J.
Leeuwen, C.Van *see* Van Leeuwen, C.
Leeuwen, J.H.von *see* von Leeuwen, J.H.
Leeuwen, J.van *see* van Leeuwen, J.
Leeuwen, T.G.van *see* van Leeuwen, T.G.
Leeuwenburgh, A.J. *see* Leenaerts, D.M.W. 92245
Leeuwin, M., Belfiore, J.C., Kaleh, G.K. Chernoff bound of trellis-coded modulation over correlated fading channels 83966
Leever, P. *see* De Caluwe, I. 96505
Lefan Zhong Mean convergence of interpolation polynomials in a domain with corners 54750
Lefas, C.C. *see* Manolakis, D.E. 97478
Lefaucheur, J. *see* Zhang, X.X. 63724
Lefaucheur, J.L. *see* Wang, H.S. 82976
LeFebve, D. *see* Herzog, R. 78390
Lefebvre, A. *see* Bogaert, G. 59020
Lefebvre, D., Sainctavit, P., Malgrange, C. Analysis of the circular polarization rate delivered by an asymmetric wiggler and a two beryl crystal monochromator—calculation and experiment 88337
Lefebvre, H. *see* Bauer, F. 58676
Lefebvre, M. Performance of a liquid argon electromagnetic calorimeter with an accordion geometry 67322
Lefebvre, M. *see* Gicquel, A. 70117
Lefebvre, M. *see* Gingrich, D. 53291
Lefebvre, M.C. A cell generator-based CAD framework for VLSI layout synthesis 82064
Lefebvre, M.C. *see* Hongxia Xia 91976
Lefebvre, R., Salami, R., Laflamme, C., Adoul, J.P. 8 kbit/s coding of speech with 6 ms frame-length 84104
Lefebvre, S., Gerin-Lajoie, L., Beaulieu, G. Description and typical EMTP applications of static compensator models 89063
Lefebvre, S., Mahseredjian, J. Improved control systems simulation in the EMTP through compensation 77991
Lefebvre, S. *see* Belhadj, C. 99620
Lefebvre, S. *see* Bellet, D. 93169
Lefebvre, S. *see* Costa, F. 68811
Lefebvre, S. *see* Jiming Lin 89907
Lefebvre, S. *see* Murere, G. 88957
Lefebvre, S. *see* Ndereyimana, D. 89195
Lefevre, M., Preteux, F., Lavayssiere, B. Radiographic inspection, defects segmentation and multiscale analysis 85111
Lefevre, R. *see* Hourany, J. 52287
Lefevre, X. Evaluation of French costal VTS tracking system in the Dover Straight 86574
Lefevre, Y. *see* Clenet, S. 78611
Lefevre, Y. *see* Sadowski, N. 68572
Lefevre, Y. *see* Viarouge, P. 68551
Leffew, K. *see* Wright, A. 54569
Lefki, K. *see* Muret, P. 71167
LeFloch, B. *see* Greve, A. 97504
Lefloch, P. *see* Cockburn, B. 69800
Leflour, T. *see* Gingrich, D. 53291
Lefort, E., Zanettin, A. Remote LAN interconnection protocols and architectures 85820
Lefrancois, M. *see* Gillier, R. 87654
Lefrancois, S., Pasquet, D., Maze-Merceur, G. Microwave characterization of heterogeneous materials in transmission lines: a model with resonators 87483
Legagneux, P. *see* Maurice, J.-L. 81870
Legagneux, P. *see* Pribat, D. 58930
Legarth, J., Alting, L., Erichsen, H., Gregersen, J., Jorgensen, J. Development of environmental guidelines for electronic appliances 90946
Legaud, P. *see* Cadiou, J.F. 92515
Legaud, P. *see* Devaux, F. 82721
Legaud, P. *see* Murgulescu, M.-H. 70861
Legaud, P. *see* Murgulescu, M.-H. 92601
Legay, H., Shafai, L. Radiation characteristics of slotted oversize patch antennas 51256
Legay, H., Shafai, L. New stacked microstrip antenna with large bandwidth and high gain 57299
Legay, H., Shafai, L. Parametric analysis of an EMC patch surrounded by parasitic elements 83806
Legay, P. *see* Lamare, B. 81439
Legentil, M., Pasquiers, S., Puech, V., Riva, R. Spectroscopic diagnostics of the onset of discharge instabilities in a XeCl phototriggered laser 63660
Leger, A., Roumes, C., Gardelle, C., Cursolle, J.P., Kraus, J.M. Binocular HMD for fixed-wing aircraft: a trade-off approach 99089
Leger, A. *see* Borer, K. 98687
Leger, A. *see* Pellieux, L. 97722
Leger, C., Thiel, J., Ledee, R., Patat, F., Pourcelot, L. Fourier modeling of the left ventricle parasternal boundary 98759
Leger, C. *see* Callemyn, J.M. 75153
Leger, J.R., Mowry, G., Chen, D. Modal analysis of a Talbot cavity 56833
Legg, G. New chips give PCs TV-quality video 86774
Legg, J.D., Mason, M.E., Williams, R.T., Weichold, M.H. Improved monolithic vacuum field emission diodes 62072
Legg, P.J., Hunter, D.K., Andonovic, I., Barnsley, P.E. Inter-channel crosstalk phenomena in optical time division multiplexed switching networks 57953
Legg, R. *see* Chao, Y. 67004
Leggate, D. *see* Kerkman, R.J. 68806
Leggate, D. *see* Kerkman, R.J. 90111
Leggate, D. *see* Kerkman, R.J. 100322
Leggett, A.J. *see* Klemm, R.A. 82394
Leggett, A.J. *see* Wollman, D.A. 63299
Leggieri, G. *see* Luches, A. 62502
Leggieri, G. *see* Mihailescu, I.N. 93189
Legier, J.F. *see* Helal, M. 57158
Legier, J.F. *see* Helal, M. 80849
Legler, G., Popescu, V., Schmieg, M. Network computation program with integrated protective functions 59905
Legorburu, L. *see* Alba, J.J. 77931
Legoues, F. *see* Tiwari, S. 63858
Legoues, F. *see* Tiwari, S. 72791
LeGoues, F.K., Reuter, M.C., Tersoff, J., Hammar, M., Tromp, R.M. Cyclic growth of strain-relaxed islands 70144
Legouezigou, O. *see* Emery, J.-Y. 56414
Legowski, S., Trzynadlowski, A.M. Minimum-loss vector PWM strategy for three-phase inverters 60350
Legowski, S. *see* Kirlin, R.L. 100216
Legowski, S. *see* Trzynadlowski, A.M. 60300
Legowski, S. *see* Trzynadlowski, A.M. 68780
Legowski, S. *see* Trzynadlowski, A.M. 70281
Legowski, S. *see* Trzynadlowski, A.M. 90203
Legowski, S. *see* Trzynadlowski, A.M. 90529
Legowski, S. *see* Trzynadlowski, A.M. 100210
Legrand, J., Glorieux, P. Fabrication and characterization of glass ion-exchanged planar optical waveguides 90827
Legrand, J., Vercelli, J.-M., Sicard, J.-P., Berthome, J.-P. Measurement device for the in situ Marel network monitoring station 88843
LeGrange, J.D., Ling, H.C., Velez, D.M. Effects of mechanical stress on the transmission properties of optical fiber packaged in a composite structure 63410
Legras, J.C. Stability of piston-cylinder assemblies from an experience of fifteen years 66738
Legras, J.C. Pressure intercomparisons at the lowest level of uncertainty: transfer standards and results 66749
Legras, J.C., Jager, J., Molinar, G.F., Palomino, S., Quintas, J., White, M.R. EUROMET intercomparison in the pressure range 100 MPa to 700 (1000) MPa 66753
Legras, J.C. *see* Astrov, D.N. 66751
Legras, J.C. *see* Klingenberg, G. 66734
Legris, P. *see* Bollaert, S. 93493
Legros, C. *see* Ruiz, R. 73790
Legros, E., Billard, M., Giraudet, L., Scavennec, A. Low noise GaAs P-HEMT monolithic integrated circuit for high sensitivity photoreceivers 52515
Legros, E. *see* Berthier, P. 56018
Legros, E. *see* Caldera, C. 97303
Legros, E. *see* Morvan, M. 52496
Legros, E. *see* Nakajima, H. 83174
LeGros, M., Silver, E., Madden, N., Beeman, J., Goulding, F., Landis, D., Haller, E. Microcalorimeters for broad band high resolution X-ray spectral analysis 67306
LeGros, M. *see* Adachi, R. 59195
Legros, W. *see* Delince, F. 63250
Legros, W. *see* Delince, F. 80937
Legros, W. *see* Dubois, J. 90241
Legros, W. *see* Dular, P. 83430
Legros, W. *see* Henrotte, F. 80953
Legtenberg, R., Tilmans, H.A.C. Electrostatically driven vacuum-encapsulated polysilicon resonators. I. Design and fabrication 97953
Legtenberg, R., Tilmans, H.A.C., Elders, J., Elwenspoek, M. Stiction of surface micromachined structures after rinsing and drying: model and investigation of adhesion mechanisms 62471
Legtenberg, R. *see* Tilmans, H.A.C. 97954
Leguenko, S.K. *see* Kulikov, A.M. 100785

Leguijt, C., Lolgen, P., Eikelboom, J.A., Amesz, P.H., Steeman, R.A., Sinke, W.C., Sarro, P.M., Verhoef, L.A., Michiels, P.-P., Chen, Z.H., Rohatgi, A. Very low surface recombination velocities on 2.5 Ω cm Si wafers, obtained with low-temperature PECVD of Si-oxide and Si-nitride 94252
Leguijt, C. *see* Lolgen, P. 100644
Lehky, P. *see* Zalesak, Z. 89322
Lehky, P. *see* Zolesak, Z. 59965
Lehman, E. *see* Grodstein, J. 92151
Lehman, J. *see* Bristow, J. 67728
Lehman, J.A. *see* Hibbs-Brenner, M.K. 71153
Lehman, S.L. *see* Lum, P.S. 53478
Lehmann, B. *see* Maule, R. 53947
Lehmann, E.D., Hopkins, K.D., Marsden, R.M., Brown, I., Jones, R.L., Turay, R.C., Taylor, M.G., Gosling, R.G. Aortic compliance measured by non-invasive Doppler ultrasound: application of a personal computer based Mk II system and its repeatability 53373
Lehmann, H.W. *see* Patterson, B.D. 63594
Lehmann, M.H. *see* Hua Yang 77067
Lehmann, O., Stuke, M. Three-dimensional laser direct writing of electrically conducting and isolating microstructures 91628
Lehmann, S. *see* Marowsky, G. 63966
Lehmann, T. A hardware efficient cascadable chip set for ANN's with on-chip backpropagation 49602
Lehmann, W. *see* Cheng, X. 94001
Lehmann, W.M. Electricity economy in structural change 78009
Lehmann, Y. Videotex: a Japanese lesson 96593
Lehmicke, D. *see* Bolduc, P. 99995
Lehnert, J.S. *see* Akinniyi, A.R. 52318
Lehnert, J.S. *see* Hsu, F.T. 58295
Lehnert, J.S. *see* Lok, T.M. 65560
Lehnert, R. Aspects of control and dimensioning in building broadband networks with ATM 75061
Lehnert, R. *see* Cosmas, J.P. 57937
Lehnert, R. *see* Domingo, J. 57940
Lehnert, T. *see* Gundlach, K.H. 50401
Lehoczky, S.L. *see* Gillies, D.C. 61221
Lehr, F. *see* Duelli, M. 57021
Lehr, H. *see* Abel, S. 79872
Lehr, J.K. *see* Radford, G.P. 85911
Lehrman, I. *see* Ingold, G. 63868
Lehrman, I.S., Birnbaum, I.A., Cole, M., Heuer, R.L., Sheedy, E., Ben-Zvi, I., Batchelor, K., Gallardo, J.C., Kirk, H.G., Srinivasan-Rao, T. Design and construction of a high-duty factor photocathode electron gun 71022
Lehrman, I.S. *see* Krishnaswamy, J. 63872
Lehtinen, I. *see* Paatero, J. 67655
Lehtiniemi, R., Hartikainen, J. An application of induction heating for fast thermal nondestructive evaluation 61443
Lehto, A. *see* Mallat, J. 94987
Lehtonen, S.J., Moore, C.R., Francomacaro, A.S., Edwards, R.L., Clatterbaugh, G.V. Microwave multichip modules 55430
Lehtoranta, V.K. *see* Wang, J.C.B. 83671
Lehureau, J.-C., Castera, J.-P. High-data-rate, high-density magnetic tape recorder using matrix writing head and Kerr reading head 72126
Lehureau, J.-C. *see* Colineau, J. 86790
Lehureau, J.C. *see* Maillot, C. 72497
Lei, C. *see* Lin, C.C. 93011
Lei, F. *see* Swinyard, B.M. 88045
Lei, G.T. *see* Techentin, R.W. 79342
Lei, J. An approximation by translates of globally supported functions 54749
Lei, M., Ghosh, B.K. Estimation of angular velocity of a moving object using line correspondences 58985
Lei, M. *see* Morucci, J.-P. 67560
Lei, T. *see* Wang, Y. 98867
Lei, T.F. *see* Shy, S.L. 81611
Lei, X., Kulicke, B. Optimization of arbitrary problems of power systems with the help of the simulation program NETOMAC 99599
Lei, X.L. Electron confinement and oscillatory drift velocity in superlattice miniband transport 62273
Lei, X.L. *see* Wang, X.F. 71161
Lei, Y.Z. *see* Kimura, A. 72259
Lei Chen *see* Chen Lei
Lei He *see* He Lei
Lei Jian Liu, Yong Ge Wu, Jing Yu Yang, Wei Xia, Ke Liu Image processing system for particle distributions auto-analysis of in-line holograms 74363
Lei Jianqiu *see* Hua Renzhong 56626
Lei Jianqiu *see* Jianqiu Lei
Lei Jianqui, Liang Peihui, Shen Qimin, Ye Ren, Hua Renzhong Investigation of the evolution of the beam divergence of output pulse from injection locking copper vapor laser 72688
Lei Kuang On the variance reduction property of the buffered leaky bucket 96189
Lei Qi *see* Yusheng Rao 53171
Lei Qi *see* Yusheng Rao 53236
Lei Shaw-Min *see* Shaw-Min Lei
Lei Tan Fu *see* Tan Fu Lei
Lei Tianhu *see* Tianhu Lei
Lei Tianmin *see* Chen Zhiming 94287
Lei Wang Nan *see* Nan Lei Wang
Lei Wei, Schlegel, C. Synchronous DS-SSMA system with improved decorrelating decision-feedback multiuser detection 75208
Lei Wei *see* Korn, I. 52408
Lei Wei *see* Korn, I. 75277
Lei Weilu Some strategy of routing in the B-ISDN 85899
Lei Xiaomeng, Guo Guochuan The main problems of the existing power systems configuration and system stability in China 53590
Lei Xu *see* Xiaowei Yao 71883
Lei Xu *see* Zhi-Min Dai 63893
Lei Yuong-Wei *see* Yuong-Wei Lei
Lei Zhang *see* Chunfei Li 83250
Lei Zhang *see* Jinhai Si 63948
Lei Zhang *see* Jinhai Si 73023
Lei Zhangyun *see* Zhang Zhikang 53360
Lei Zhaodi Principles and applications of optical detectors 56548
Leib, H. *see* Asano, D.K. 51313
Leibenguth, R.E. *see* Bo Lu 50582
Leibenguth, R.E. *see* Cheng, J. 82866
Leibenguth, R.E. *see* Choquette, K.D. 50807
Leibenguth, R.E. *see* Choquette, K.D. 56765
Leibenguth, R.E. *see* Lentine, A.L. 56420
Leibenguth, R.E. *see* Lentine, A.L. 86022
Leibenguth, R.E. *see* Morgan, R.A. 87390
Leibenguth, R.E. *see* Vakhshoori, D. 72832
Leibenguth, R.E. *see* Vakhshoori, D. 94515
Leibenguth, R.E. *see* Vawter, G.A. 93226
Leibholz, D.L. *see* McKinney, D.L. 55286
Leibl, T. *see* Ramstock, K. 71942
Leible, K. *see* Muhle, C. 53156
Leibold, A. *see* Eriksson, A. 90312
Leibowitz, J.D. Improving solder joint reliability in MCM-Ls 49701
Leich, H. *see* Gao Yang 73908
Leich, H. *see* Gao Yang 96877
Leich, H. *see* He, J. 95290
Leich, H. *see* Yang, G. 73875
Leich, M., Kao, M.-S. Optical LAN using distance multiplexing and reflection modulation 86413
Leich, M., Kao, M.S. Proposal of an all-optical LAN using distance multiplexing for protocol free transmission 86397
Leidholm, C. *see* Basol, B.M. 100497
Leidholm, C.R. *see* Basol, B.M. 90409
Leier, H. *see* Guttich, U. 80769
Leier, H. *see* Guttich, U. 80819
Leier, H. *see* Riepe, K. 80751
Leifer, L.J. *see* Lees, D.S. 53477
Leifer, R., Burke, W.J. Organizational activity analysis: a methodology for analyzing and improving technical organizations 69476
Leifeste, D.T. *see* Crist, C.E. 76442
Leifeste, G.T. *see* Hurd, J.W. 76440
Leifeste, G.T. *see* Hurd, J.W. 76590
Leigh, D.A. *see* Baggaley, A. 56904
Leigh, J.R. *see* El-Zobaidi, H. 60212
Leigh, J.S. *see* Dah-Jyuu Wang 97888
Leigh, R.P. *see* Cudlip, W. 77272
Leigh, S.P., Mellor, P.H., Cheetham, B.M.G. Distortion analysis and reduction in a completely digital PWM class D power amplifier 66085
Leigh, W. *see* Paz, N.M. 60871
Leighton, F.T., Maggs, B.M., Rao, S.B. Packet routing and job-shop scheduling in O(congestion+dilation) steps 69710
Leighton, F.T. *see* Nabors, K. 54789
Leighton, T., Micali, S. Secret-key agreement without public-key cryptography 83961
Leijon, M. *see* Bengtsson, T. 90090
Leijon, M. *see* Ming, L. 90305
Leimer, W. VHF FM Transmitter SU 125: Control center for transmitters 86678
Lein Wu San *see* San Lein Wu
Leine, L. *see* Uzunov, I.M. 73093
Leiner, F. *see* Werner, R. 86192
Leinonen, K. *see* Huhtinen, M. 59073
Leirer, O.Von *see* Von Leirer, O.
Leiste, R. *see* Adam, A. 88087
Leiste, R. *see* Adam, A. 88102
Leiste, R. *see* Adriani, O. 88023
Leistner, A. *see* Fujii, K. 86983
Leitao, J.M.N. *see* Dias, J.M.B. 84419
Leitao, J.M.N. *see* Fred, A.L.N. 73847
Leitch, A.W. *see* Alberts, V. 62169
Leitch, R., Freitag, H., Stefanini, A., Tornielli, G. Using the ARTIST approach for diagnosing power transmission networks 99632
Leite, J.A.F., Hancock, E.R. Statistically combining and refining multi-channel information 84875
Leite, J.R.R. *see* Yudong Liu 82934
Leite, J.R.Rios *see* Rios Leite, J.R.
Leite, M.S., Waythe, M.A., Haines, N.A. Propulsion design and predicted efficiency package 100911
Leite da Silva, A.M. *see* Mello, J.C.O. 88995
Leitenstorfer, A., Lohner, A., Elsaesser, T., Haas, S., Rossi, F., Kuhn, T., Klein, W., Boehm, G., Traenkle, G., Weimann, G. Ultrafast coherent generation of hot electrons studied via band-to-acceptor luminescence in GaAs 81238
Leites, L.V. *see* Biki, M.A. 90087
Leith, D.W.G.S. *see* Abe, K. 88115
Leith, D.W.G.S. *see* Antilogus, P. 59064
Leith, D.W.G.S. *see* Antilogus, P. 59127
Leith, E. *see* Chen, H. 59347
Leith, E. *see* Chen, H. 67524
Leithead, W.E., Connor, B. Control of a variable speed wind turbine with induction generator 60148
Leitloff, V., Pierrat, L., Feuillet, R. Study of the neutral-to-ground voltage in a compensated power system 53806
Leitmannova-Ottova, A., Ding-Li Guo, Tien, H.T. Electrochemical sensors using supported BLMs 87306
Leitmannova-Ottova, A. *see* Tvarozek, V. 66513
Leitner, M. *see* Wutte, D. 53160
Leitner, R. *see* Ariztizabal, F. 98518
Leitz, G. *see* Zollner, J.-P. 93100
Leizerovich, A.Sh., Plotkin, E.R., Davydov, N.I., Melamed, A.D., Zinger, M.N. Modeling automated turbine startups 53933
Lejeune, E. *see* Adam, A. 88102
Lejmi, S., Kaminska, B., Wagneur, E. Retiming for the global optimization of synchronous sequential circuit 92047
Lejus, A.M., Kahn-Harari, A., Benitez, J.M., Viana, B. Crystal growth, characterization and structure refinement of neodymium3+ doped gehlenite, a new laser material $[Ca_2Al_2SiO_7]$ 72723
Lekarev, A.F. *see* Kazantsev, Yu.M. 91891
Lekas, J.S., Pew, J.C., Wirzbicki, M.A. Photochemical batches: E0 modelling and applications 81707
Lekas, J.S. *see* Fink, I. 82030
Lekawat, L., Spratt, G.W.D., Kryder, M.H. Annealing study of the erasability of high energy tapes 50282
Lekhakul, S., Higgins, R.A. Senior design project: undergraduate thesis 60787
Lekhovitskii, D.I., Milovanov, S.B., Rakov, I.D., Sverdlov, B.G. Universal adaptive lattice filters. Adaptation for a given root of the estimating correlation matrix 51475
Lekkou, M.E. *see* Hou, X. 65436
Lekomtseva, Yu.G., Baskakov, A.P., Munts, V.A. Formation and suppression of NO_x and N_2O in a circulating fluidized bed combustor 53932
Lekomtseva, Yu.G., Baskakov, A.P., Munts, V.A. Formation and suppression of NO_x and N_2O in a circulating fluidized bed combustor. II 89630
Leksan, T. *see* Keyhani, A. 60188
Leksan, T.I. *see* Tumageanian, A. 60194
Leksin, G.A. *see* Akimov, V.A. 53286
Leland, J.E. *see* Pais, M.R. 91085
Leland, R.P. Requirements and models for adaptive optics in coherent LIDAR wind measurements 76215
Leland, R.P. A stochastic model for laser propagation along folded paths 83239
Leland, W.E., Taqqu, M.S., Willinger, W., Wilson, D.V. On the self-similar nature of Ethernet traffic (extended version) 58125
Lele, M.M. The lessons of strategic leverage 60868
Lelkens, A. *see* Elixmann, M. 85818
Leltchouk, M. *see* Benary, O. 53327
Leltchouk, M. *see* Benary, O. 98517
Leltchouk, M. *see* Benary, O. 98640
Lemagen, J., Mandeville, R. Assessing ATM for enterprise networks 65500
Lemagnen, J., Glaziou, Y. The broadband communications and the DER 85421
Lemahieu, I. *see* Bastiaens, K. 74374
Lemaire, P. *see* Morton, P.A. 56761
Lemaire, P. *see* Morton, P.A. 56788
Lemaire, P.J. *see* Erdogan, T. 72307
Lemaire, P.J. *see* Inniss, D. 82597
Lemaire, P.J. *see* Mizrahi, V. 58396
Lemaire, P.J. *see* Morton, P.A. 56750
Lemaire, P.J. *see* Simpson, J.R. 56720
Lemaire, P.J. *see* Vengsarkar, A.M. 82547
Lemaire-Semail, B. *see* Delforge, E. 89971
Lemaire-Semail, B. *see* Hecquet, M. 89882
Lemaitre, B. *see* Klein, P. 93409
Lemaitre, E. *see* Bonin, B. 67067
Lemaitre, L., Patyra, M.J., Mlynek, D. Synthesis and design automation of analog fuzzy logic VLSI circuits 49260
Lemaitre, L., Patyra, M.J., Mlynek, D. Analysis and design of CMOS fuzzy logic controller in current mode 49488
Lemaitre, V. *see* Aoki, S. 53304
Lemaitre, Y. *see* Mage, J.C. 82321
Lemak, T.A. *see* Ramey, D.G. 78058
Lemanczyk, J. Antenna standards and laboratories in Europe 83824
Lemanov, V.V., Yushin, N.K., Smirnova, E.P., Sotnikov, A.V., Tarakanov, E.A., Maksimov, A.Yu. Giant electrostriction of ferroelectrics with diffuse phase transition—physics and applications 56149
Lemanski, A.A. *see* Bounkin, B.V. 51275
Lemarechal, H., Kessler, E. Acropol: The French police radiocommunication network 97122
LeMarquis, S. *see* McNutt, M.J. 56057
LeMay, D. Redefining the standard cubic centimeter 81395
Lemco, I. P.M. Roget: some electrical connections 91160
Leme, C.A. *see* Malcovati, P. 97863
Leme, C.Azeredo *see* Azeredo Leme, C.
Lemeiller, F. *see* Bates, S.J. 53308

Lemeilleur, F., Glaser, M., Heijne, E.H.M., Jarron, P., Soave, C., Leroy, C., Rioux, J., Trigger, I. Neutron, proton and gamma irradiations of silicon detectors 76757

Lemelin, G., Lessard, R.A. Design and fabrication of multilevel computer generated holograms: semi-continuous phase patterns 56982

Lemelin, G., Manivannan, G., Lessard, R.A. Modified holographic recording setup for photopolymerizable/flexible recording materials 83368

Lemelin, G. *see* Manivannan, G. 64018

Lemersal, D.B., Jr *see* Agostinelli, V.M., Jr 62767

Lemersal, D.B., Jr. *see* Agostinelli, V.M., Jr. 93369

Lemestreallan, G. *see* Blez, M. 56811

Lemestreallan, G. *see* Nakajima, H. 83174

LeMezec, J. Information retrieval services on wide area networks: a vision of the future 85780

Lemieux, L., Kitchen, N.D., Hughes, S.W., Thomas, D.G.T. Voxel-based localization in frame-based and frameless stereotaxy and its accuracy 88422

Lemieux, R. *see* Mailloux, G.E. 88456

Lemieux, R. *see* Noumeir, R. 88457

Lemin Li *see* Li Lemin

Lemiti, M. *see* Jeanjean, P. 92921

Lemiti, M. *see* Rocher, V. 66224

Lemke, D., Wolf, J., Schubert, J., Patrashin, M. ISOPHOT—the imaging photopolarimeter for the infrared space observatory 66417

Lemke, J.W. Instantaneous trip: a power quality problem 89224

Lemke, N. *see* Jansche, A. 65981

Lemke, R.W., Clark, M.C., Marder, B.M. Theoretical and experimental investigation of a method for increasing the output power of a microwave tube based on the split-cavity oscillator 62118

Lemke, S., Hebrank, F., Fominaya, F., Gross, R., Huebener, R.P., Rando, N., van Dordrecht, A., Huebner, P., Videler, P., Peacock, A. Investigation of epitaxial niobium based superconducting tunnel junction detectors 67298

Lemme, H. Liquid crystal projection systems for computer and video displays 58922

Lemme, H. Electronic identification labels - semiconductor transponders 96589

Lemme, R. *see* Griep, S. 82035

Lemmens, R.H.P. *see* Van Heesch, E.J.M. 63063

Lemmon, A. *see* Jakobson, G. 58066

Lemoff, B.E. *see* Barty, C.P.J. 72774

Lemoff, B.E. *see* Barty, C.P.J. 94378

Lemoine, D. *see* Dumas, F. 89847

Lemoine, D. *see* Quemerais, A. 62498

Lemoine, J. *see* Provent, P. 64775

Lemon, D.D. Flow measurements by acoustic scintillation drift in the Fraser River estuary 99273

Lemon, D.D. *see* Haller, D.R. 77550

Lemon, S. *see* Doughty, D.C. 59187

Lemonche, P. *see* Bonatti, M. 58000

Lemonias, P.J., Hoke, W.E., Weir, D.G., Hendriks, H.T. Carbon p^+ doping of molecular-beam epitaxial GaAs films using carbon tetrabromide 55725

Lemonidis, L. *see* Lee, F.N. 78016

Lemonnier, B., Delmas, R., Lopez, C., Duporte, E. Multiscale analysis of shapes applied to thermal infrared sea surface images 88813

Lemonnier, M., Bahri, A., Bordessoule, M., Bartol, F., Labeque, A., Liu, Z., Megtert, S., Roulliay, M., Ravet, M.F., Rousseaux, F., Perrocheau, J. First experimental results on new microstrip three dimensional geometry 98511

Lemonnier, M. *see* Fessler, P. 67388

Lemos, R. *see* Nakamura, M. 98160

Lemp, K.H., Probst, A., Schmoeller, M. Powerful planning tool for signaling networks 96274

Lempel, A. *see* Gavish, A. 73643

Lempel, A. *see* Gavish, A. 73706

Lempel, M., Gupta, S.K., Breuer, M.A. Test embedding with discrete logarithms 49372

Lempicki, A. *see* Wojtowicz, A.J. 98625

Lempken, W., Staszewski, R. The structure of the PIMs of SL(3,4) in characteristic 2 69712

Lemppenau, W.W., Goetzer, M., Seibolt, W. Access protocols for high-speed LANs and MANs 51819

Lemppenau, W.W., van As, H.R., Schindler, H.R. A 2.4 Gbit/s ATM implementation of the CRMA-II dual-ring LAN and MAN 52099

Lemppenau, W.W. *see* Van As, H.R. 51853

Lemuene, M.L. *see* Nabet, B. 66342

Lemur, D. *see* Edjeou, A. 94825

Len, T. *see* Petrin, M. 53498

Len Lee Chung *see* Chung Len Lee

Lena, P. *see* Boucher, J.-M. 77595

Lenaerts, S., Honore, M., Huyberechts, G., Roggen, J., Maes, G. In situ infrared and electrical characterization of tin dioxide gas sensors in nitrogen/oxygen mixtures at temperatures up to 720 K 66540

Lenaerts, S. *see* Honore, M. 66559

Lenahan, P.M. *see* Conley, J.F., Jr. 81377

Lenahan, P.M. *see* Evans, H.L. 62991

Lenain, P. Lead-acid batteries with bipolar electrodes 78793

Lenard, A., Plesiewicz, W., Sawicki, M., Dietl, T. AC susceptometer for spin-glass dynamics measurements 97967

Lenchev, A. *see* Hitova, L. 91507

Lenchyshyn, L.C. *see* Sturm, J.C. 63554

Lencz, I., Jez, J. Management of energy consumption and potential household power savings 59761

Lencz, I., Jez, J. Influencing domestic electric power consumption—experimental confirmation of means for achieving power savings 59762

Lenczner, M. *see* Canon, E. 93782

Lendenmann, H., Dettmer, H., Krumbein, U., Fichtner, W., Bauer, F., Stockmeier, T. Approaching homogeneous switching of MCT devices: experiment and simulation 55935

Lendenmann, H., Fichtner, W., Rosling, M., Bleichner, H., Nordlander, E. 2-D characterization of dynamic charge distribution in MOS controlled thyristors: experiment and simulation 62734

Lendenmann, H. *see* Dettmer, H. 55933

Lendermann, P. *see* Aoki, S. 53304

Lenders, P. *see* Bastian, F. 58050

Lenders, P.M., Schroder, H. Minimizing data flow in mathematical morphology architectures 95862

Lenders, P.M. *see* Ranawake, U.A. 55860

Leners, R. *see* Douay, M. 63727

Leng, P.H. *see* Charlton, C.C. 49244

Leng Goh Wee *see* Goh Wee Leng

Leng Seow Tan, Wai Shing Lau, Samudra, G.S., Kin Man Lee, Boon Yong Ang Numerical simulation of backgating suppression in high electron mobility transistors (HEMTs) with a low temperature molecular beam epitaxy (MBE)-grown gallium arsenide buffer layer between the substrate and active layers 71715

Leng Xue-Feng *see* Xue-Feng Leng

Lengagne, R. *see* Monga, O. 88351

Lengauer, T. *see* Theune, D. 92692

Lenge, N. *see* Feilhauer, H. 86392

Lengeler, B. *see* Appenzeller, J. 55640

Lengeling, G. *see* Beccard, B. 54904

Lenggenhager, R. *see* Brand, O. 97925

Lenggenhager, R. *see* Malcovati, P. 97863

Lengyel, J.M., Harrington, A.V. High performance backlights the enabling technology for high-density LCDs 76131

Lenisa, P. *see* Aleksandrov, A.V. 87901

Lenisa, P. *see* Calabrese, R. 76741

Lenivenko, V.A. *see* Dubrovka, F.F. 57252

Lenkova, G.A. Special features of designing optical schemes of laser scanning systems. I 50908

Lenkszus, F. *see* Chung, Y. 76488

Lenkszus, F. *see* Kahana, E. 98459

Lenkszus, F. *see* McDowell, W. 76334

Lenkszus, F.R., Kahana, E., Votaw, A.J., Decker, G.A., Youngjoo Chung, Ciarlette, D.J., Laird, R.J. Beam position monitor data acquisition for the Advanced Photon Source 76840

Lenn, C.P. *see* Xie, C.G. 98359

Lennard, W. *see* Green, M.L. 81463

Lennart Nordh, H. *see* Cesarsky, C.J. 52955

Lennartz, T. *see* Divisek, J. 60435

Lennartz, W. *see* Lischka, H. 72589

Lennig, M. *see* Kenny, P. 84115

Lennox, A.J. Overview of accelerators in medicine 77048

Lennox, A.J. Proton linacs for boron neutron capture therapy 77049

Lenoe, E.M., Radicic, W.N., Knapp, M.S. Implications of smart materials in advanced prosthetics 88551

Lenormand, F. *see* Gonon, P. 93308

Lenormand, R. *see* Tatard, M. 57293

Lenschow, D.H. *see* Mann, J. 88755

Lenstra, A.K. *see* Denny, T. 73755

Lenstra, D. *see* van Tartwijk, G.H.M. 83066

Lenstra, D. *see* van Tartwijk, G.H.M. 94629

Lenstra, J.K. *see* Korst, J. 69744

Lenstra, K. *see* Sloot, J. 90238

Lent, B. *see* Bonner, W.A. 91520

Lenth, W. *see* Kozlovsky, W.J. 72889

Lentine, A.L., Chirovsky, L.M.F., D'Asaro, L.A., Laskowski, E.J., Shin-Shem Pei, Focht, M.W., Freund, J.M., Guth, G.D., Leibenguth, R.E., Smith, L.E., Woodward, T.K. Field-effect-transistor self-electro-optic-effect-device (FET-SEED) electrically addressed differential modulator array 56420

Lentine, A.L., Chirovsky, L.M.F., Woodward, T.K. Optical energy considerations for diode-clamped smart pixel optical receivers 72641

Lentine, A.L., Novotny, R.A., Cloonan, T.J., Chirovsky, L.M.F., D'Asaro, L.A., Livescu, G., Hui, S., Focht, M.W., Freund, J.M., Guth, G.D., Leibenguth, R.E., Glogovsky, K.G., Woodward, T.K. 4×4 arrays of FET-SEED embedded control 2×1 optoelectronic switching nodes with electrical fan-out 86022

Lentine, A.L. *see* Novotny, R.A. 96944

Lentine, A.L. *see* Woodward, T.K. 63617

Lentine, A.L. *see* Woodward, T.K. 97257

Lentke, H. Connection of data networks (LAN) directly through the atmosphere using infrared light 86398

Lentz, G. *see* Planson, D. 81328

Lenyo, J. *see* Nazifi, K. 91779

Lenz, G. *see* Hall, K.L. 94538

Lenz, G. *see* Khatri, F.I. 72733

Lenz, J. *see* Saadatmand, K. 76386

Lenz, J. *see* Valicenti, R.A. 76525

Lenz, J.W., Hebert, J., Okay, N., Raparia, D., Saadatmand, K. Comparison of experimental and simulated results for the SSC LEBT 76529

Lenz, R. Using representations of the dihedral groups in the design of early vision filters 84979

Lenz, R., Meer, P. Experimental investigation of projection and permutation invariants 84595

Lenz, R., Meer, P. Point configuration invariants under simultaneous projective and permutation transformations 95889

Lenz, R. *see* MacDonald, L.W. 98102

Lenzen, G. *see* Adam, W. 88114

Lenzen, G. *see* von Apeldoorn, G. 88116

Lenzing, E.H. *see* Hechtman, C.D. 73384

Lenzing, H.F. *see* Rozario, N. 57309

Lenzini, L. *see* Conti, M. 51847

Lenzini, L. *see* Conti, M. 52192

Lenzini, L. *see* Conti, M. 52195

Lenzlinger, M., Leemann, R., Real, M. Electricity production costs of solar cell plants in comparison 99979

Lenzner, J. *see* Keller, B.P. 54893

Leo, G. *see* Vincenzoni, R. 81390

Leo, K. *see* Hunsche, S. 93003

Leo, K. *see* Kersting, R. 94476

Leo, K. *see* Misra, V. 93430

Leo, K. *see* Yasuda, T. 93177

Leo, R.De *see* De Leo, R.

Leon, B. *see* Flicstein, J. 61344

Leon, B. *see* Szorenyi, T. 48978

Leon, B.J., Narayanan, R. Network management information for system control 74872

Leon, B.J. *see* Ganesan, K. 89193

Leon, C. *see* Aranda, J. 57773

Leon, F.A. *see* Tazawa, S. 62490

Leon, F.De *see* De Leon, F.

Leon, G. *see* Carracedo, J. 96781

Leon, M., Paciotti, M.A. Muon opportunities at the proposed Pulsed Lepton Source and the Spallation Neutron Source 76776

Leon, M. *see* Merino, J.M. 100651

Leon, M. *see* Paciotti, M.A. 76401

Leon, P.L.de, II *see* de Leon, P.L., II

Leon, R.E. The Internet world: its protocols and mainstream services 75012

Leon, S.C. *see* Crandle, T.L. 81687

Leon Florian, M.E. *see* Tavlet, M. 76772

Leon-Garcia, A. *see* Chan, S.K. 66038

Leon-Garcia, A. *see* Khansari, M.R.K. 80464

Leon-Garcia, A. *see* Widjaja, I. 85998

Leon-Garcia, A. *see* Xiaobing Lee 85202

Leon-Garcia, A. *see* You-Ze Cho 65283

Leonard, B. PC based data acquisition for aircraft in flight simulation 97812

Leonard, B.P. Note on the von Neumann stability of explicit one-dimensional advection schemes 79725

Leonard, D., Krishnamurthy, M., Fafard, S., Merz, J.L., Petroff, P.M. Molecular-beam epitaxy growth of quantum dots from strained coherent uniform islands of InGaAs on GaAs 54841

Leonard, D. *see* Kikkawa, J.M. 81442

Leonard, D.J. *see* Paserba, J.J. 68209

Leonard, J. *see* Williams, R. 88526

Leonard, J.H. *see* Lloyd, A.C. 60432

Leonard, J.J. *see* Bellingham, J.G. 97443

Leonard, J.J. *see* Koval, D.O. 60667

Leonard, L. *see* Danthine, A. 65355

Leonard, M. *see* Dalal, V.L. 79884

Leonard, M. *see* Karam, N.H. 91629

Leonard, P.J., Hill-Cottingham, R.J., Rodger, D. 3D finite element models and external circuits using the Aψ scheme with cuts 83487

Leonard, P.J. *see* Eastham, J.F. 89932

Leonard, P.J. *see* Rodger, D. 83497

Leonard, Q. *see* Pan, S. 81727

Leonard, R.F. *see* Javadi, H.H.S. 97217

Leonardi, C. *see* Gennaro, G. 94716

Leonardi, F. *see* Malesani, L. 100863

Leonardi, F. *see* Venturini, M. 68922

Leonardis, A. *see* Pernus, F. 95845

Leonardo, E.J., Yacoub, M.D. (Micro)cell coverage area using statistical methods 97103

Leonardo, R.Di *see* Di Leonardo, R.

Leonardy, J., Sauer, M., Kaiser, F. Spatio-temporal chaos and spatial symmetry breaking in a nonlinear optical ring cavity 94628

Leoncini, M. *see* Biffi Gentili, G. 53449

Leoncini, M. *see* Biffi Gentili, G. 77056

Leoncini, M. *see* Codenotti, B. 48852

Leoncini, R. *see* Antonelli, G. 69466

Leoncino, F. *see* Pellegrini, P.F. 57800

Leoncino, F. *see* Pellegrini, P.F. 57803

Leone, A., Gnudi, A., Baccarani, G. Hydrodynamic simulation of semiconductor devices operating at low temperature 93301

Leone, G. *see* Isernia, T. 73205

Leone, G. *see* Isernia, T. 73209

Leone, R.de *see* de Leone, R.

Leong, J.L., Ornellas, R.P., Atkinson, J.L., Gross, R.S. Instrument setpoints and data gathering techniques 89439

Leong, J.S., Mosch, T. Provision of broadband interactive and distributive services over a shared passive optical network in the local loop 52534

Leong, J.S. *see* Loesch, K. 52508

Leong, K.C. *see* Panda, S.K. 89894

Leong, M.S. *see* Gao, M.Z. 73348
Leong, M.S. *see* Li, L.W. 64133
Leong, M.S. *see* Li, L.W. 94800
Leong, P. *see* Jabri, M. 49593
Leong, P.C. *see* Hui, S.C. 85609
Leong, P.H.W., Jabri, M.A. Kakadu—a low power analogue neural network classifier 49604
Leong, V.Y.C. Microstrip-based implementation of the "Thru-Reflect-Line" calibration technique for vector network analyzers 87043
Leong Hong Va *see* Hong Va Leong
Leonhard, R. *see* Holzinger, O. 78947
Leonhard, V., Erdmann, H., Ilgenstein, M., Cammann, K., Krause, J. NASICON electrode for detecting sodium ions 66221
Leonhard, W. Advances of AC-drives, a review 90540
Leonhardt, R., Gottfried, N.H. Generation of nearly transform limited fs-pulses by pulse compression of an APM YAG laser 72724
Leonhardt, R., Harvey, J.D. Characteristics of a visible modulation instability fiber laser 72755
Leonhardt, S. *see* Ludwig, C. 58997
Leonhardt, W. *see* Ratner, L. 87778
Leoni, M. *see* Alvazzi Delfrate, M. 63049
Leoni, R. *see* Parlato, L. 88306
Leonis, G. *see* Assis-Arantes, P. 97186
Leonov, A. *see* Kukonin, A. 94695
Leonov, A.S. *see* Belostotsky, A.L. 63957
Leonov, V.G. *see* Khotuntsev, Yu.L. 91938
Leonov, V.N. *see* Bogachev, V.V. 72228
Leonov, V.V. *see* Latushkin, S.T. 76319
Leonowicz, M., Davies, H.A., Al-Khafaji, M.A., Keates, T.A., Crabbe, M.W. Property enhancement for hot deformed Fe-Nd-B magnets by modification of composition of the Nd-rich phase 71948
Leonowicz, M., Davies, H.A., Buckley, R.A. Correlation between magnetic properties and microstructures of die-upset forged Fe-RE-B magnets and initial melt-spun ribbon 50190
Leonowicz, M. *see* Wyslocki, J.J. 50194
Leontein, S. *see* Abrahamsson, K. 76307
Leont'ev, A.A. *see* Azarkevich, E.I. 55506
Leont'ev, V.K., Tonoyan, G.P. Approximate solution of a system of Boolean equations 91357
Leont'eva, V.L. *see* Blagoveshchenskii, A.Ya. 53902
Leontiev, L.A. *see* Aulchenko, V.M. 67341
Leontyev, I.K., Sandler, M.S. Investigation of multifrequency high-Q sectioned structures with internal reflectors 92349
Leopard, P.H. *see* Mullins, J.H. 53580
Leopold, B., Thomas, K. Error-control and synchronization techniques for UMTS based on CDMA 52374
Leopold, R.J. *see* Borota, M. 75375
Leopoldino, C.M.A., Pereira, M.V.F., Pinto, L.M.V., Ribeiro, C.C. A constraint generation scheme to probabilistic linear problems with an application to power system expansion planning 99612
Leotin, J. *see* Meny, C. 66368
Leotin, J. *see* Wasim, S.M. 71143
Leotta, N., Messina, N., Pitrone, N. PLC based on-line management of overload conditions in electric distribution network by expert system 99685
Leou, K.C., McDermott, D.B., Hartemann, F.V., Chong, C.K., Luhmann, N.C., Jr. Initial operation of a wideband gyro-TWT amplifier 92902
Leou, R.C. *see* Lu, C.N. 88992
Leou Jin-Jang *see* Jin-Jang Leou
Leoutsakos, G., Bouras, B., Chaviaropoulos, P., Papailiou, K.D. Design of optimized profiles for stall regulated HAWTs. II. Airfoil design method validation and assessment 60144
Leoutsakos, G. *see* Chaviaropoulos, P. 60143
Leow, W.K., Miikkulainen, R. Representing visual schemas in neural networks for scene analysis 64807
Lepage, F. *see* Lecuire, V. 85832
Leparskii, V.E. *see* Krylov, B.V. 94192
Lepecha, V. *see* Wyrzykowski, R. 48853
Lepeitier, V. *see* Buon, J. 76616
Lepejian, D.Y., Caywood, J.M., Kablanian, A., Ferguson, F.J., Jee, A. An automated failure analysis (AFA) methodology for repeated structures 49447
Lepekhin, O.F. *see* Biryulin, Yu.F. 92866
Lepercq, P. *see* Husse, E. 49641
Lepestkin, S.A. *see* Zimnyakov, D.A. 74353
Lepetit, M.-B. *see* Guihery, N. 55488
Lepetit, M.-B. *see* Guihery, N. 55489
Lepetit, Y. *see* Stefani, J.-B. 96851
Lepine, T. *see* Becker, M.F. 82519
Lepine-Szily, A. *see* Auger, G. 98385
Lepley, B. *see* Bath, A. 48983
Lepley, T., Eckert, P. Results from ten year's operation of a 4 kW grid-connected residential PV system in Yuma, Arizona 100004
Lepley, T. *see* Lambeth, R. 99987
Lepoff, R.B. *see* Huffer, W.E. 76964
Lepore, A.N. *see* Apostolakis, P.J. 70874
Lepoutre, A. *see* Gosselin, A. 87953
Leppavuori, S., Levoska, J., Hill, A.E., Tomlinson, R.D., Frantti, J., Kusmartseva, O., Moilanen, H., Pilkington, R.D. Laser ablation deposition as a preparation method for sensor materials 54962
Leppavuori, S., Vaananen, J., Lahti, M., Remes, J., Uusimaki, A. A novel thick-film technique, gravure offset printing, for the realization of fine-line sensor structures 66204
Leppavuori, S. *see* Kirschner, I. 56280
Leppavuori, S. *see* Kirschner, I. 58688
Leppavuori, S. *see* Kokkomaki, T. 92490
Leppavuori, S. *see* Levoska, J. 61326
Leppavuori, S. *see* Moilanen, H. 58737
Leppavuori, S. *see* Moilanen, H. 63110
Leppavuori, S. *see* Moilanen, H. 66188
Leppavuori, S. *see* Remes, J. 62028
Lepper, P.A. *see* Woodward, B. 99161
Leppo, J.A. *see* Hademenos, G.J. 59296
Leprince, L. *see* Ougazzadeo, A. 94446
Lepschy, A., Viaro, U. Derivation of recursive stability-test procedures 79513
Lepsoy, S., Oien, G.E., Ramstad, T.A. Attractor image compression with a fast non-iterative decoding algorithm 85019
Lepsoy, S. *see* Ramstad, T.A. 95970
Lequesne, B. *see* Nehl, T.W. 82288
Lequime, M. *see* Lecot, C. 52937
Lequime, M.R. *see* Giovannini, H.R. 58803
Ler, K.W. *see* Akiyama, T. 97609
Leray, J.L. *see* Coic, Y.M. 71870
Leray, J.L. *see* Ferlet-Cavrois, V. 70471
Leray, J.L. *see* Flament, O. 70769
Leray, J.L. *see* Flament, O. 93454
Leray, J.L. *see* Herve, D. 71223
Leray, J.L. *see* Musseau, O. 70478
Leray, J.L. *see* Paillet, P. 71257
Lercel, M.J., Redinbo, G.F., Craighead, H.G., Sheen, C.W., Allara, D.L. Scanning tunneling microscopy based lithography of octadecanethiol on Au and GaAs 71544
Lerch, B. *see* El-Sherif, M.A. 52930
Lerch, E., Schmitt, W., Webs, A. Short-circuit currents in an industrial 660 V network 59701
Lerch, F.J. *see* Nerem, R.S. 99255
Lerch, P. *see* Scherschel, M. 67289
Lerch, W., Stolwijk, N.A., Mehrer, H. A novel device for short-time diffusion annealing 69226
Lerer, A.M. *see* Kuznetsov, V.A. 83744
Leres, R. *see* Zeitlin, C.J. 87954
Lereverend, B.K. *see* Anderson, P.M. 99763
Leriche, A. *see* Herrmann, P.F. 59973
Lerida, J.Lopez *see* Lopez Lerida, J.
Leridon, B. *see* Febvre, P. 66013
Lerinman, N.K. *see* Krylov, K.R. 92980
Lerley, P.J. *see* McElray, J.L. 78228
Lerman, B.B., Ng, K.T., Deale, O.C. Linearity of transthoracic conductance with respect to electrode force and area during high-voltage defibrillation shocks 77041
Lerminiaux, C. *see* Nolan, D.A. 75452
Lerner, L., Mitchell, D.T., Snyder, A.W. Interacting gray solitons 83320
Lerner, L.D. Spectrum analysis of signals in an exponential basis 57493
Leros, A.K. *see* Katsikas, S.K. 75662
Lerose, S. *see* Droguet, J.P. 92826
Leroux, M. *see* Courboules, B. 79774
Leroux, M. *see* Grandjean, N. 54827
Leroux, M. *see* Zahraman, K. 100553
LeRouzic, M. *see* Murgulescu, M.-H. 92601
Leroy, B. *see* Bourgeade, A. 73273
Leroy, C. *see* Allport, P.P. 76752
Leroy, C. *see* Borchi, E. 59091
Leroy, C. *see* Bosetti, M. 59145
Leroy, C. *see* Bosetti, M. 59146
Leroy, C. *see* Bosetti, M. 98565
Leroy, C. *see* Bosetti, M. 98566
Leroy, C. *see* Furetta, C. 98812
Leroy, C. *see* Gingrich, D. 53291
Leroy, C. *see* Lemeilleur, F. 76757
Leroy, D. *see* Acerbi, E. 76344
Leroy, D. *see* Ahlback, J. 82424
Leroy, D. *see* Verweij, A.P. 82427
Leroy, M., Roujean, J.-L. Sun and view angle corrections on reflectances derived from NOAA/AVHRR data 88854
Leroy, P.A. *see* Visentin, B. 53172
Leroy, R. *see* Joubert, A. 76318
Leroy, Y. *see* Bellarbi, L. 53069
Leroy, Y. *see* Benlarbi, A. 75636
Leroy, Y. *see* Waro, P. 70820
Leroyer, P. *see* Pellieux, L. 97722
Lerstrup, K. *see* Sommer-Larsen, P. 55496
Lertphokanont, R., Gilbert, A.L. A comparative analysis of governance costs for information technology 85413
Leruste, Ph. *see* Benayoun, M. 59095
Lesaicherre, P.-Y. *see* Kamiyama, S. 49435
Lesaint, O., Gournay, P. Initiation and propagation thresholds of positive prebreakdown phenomena in hydrocarbon liquids 82122
Lesaint, O. *see* McCluskey, F.M.J. 63061
Lesaint, O. *see* Rain, P. 82170
Lesan, S., Shepherd, W. Control of wound-rotor induction motor with rotor impedance variation 68629
Lesan, S., Smiai, M.S., Shepherd, W. Control of wound rotor induction motor using thyristors in the secondary circuits 69051
Lesan, S. *see* Smiai, M.S. 68727
Lesani, H. *see* Parniani, M. 88998
Lesbroussart, F. *see* Bongrain, P. 89388
Lesche, B. *see* Lacerda, M.M. 56331
Lesche, B. *see* Lacerda, M.M. 63395
Lesche, B. *see* Lacerda, M.M. 64002
Leschi, C. *see* Selmaoui, N. 85175
Lescinskas, D. *see* Tvardauskas, H. 81533
Lescroart, G., Muller, R., Bourdet, G.L. Phase coupling of a linear array of 9 square CO_2 cw wave guide lasers by intra-cavity spatial filtering 56621
Lescroart, G., Muller, R., Bourdet, G.L. Pulse mode operation of a phase coupled array of 9 square CO_2 waveguide lasers by intracavity spatial filtering 94342
Lesgold, A.M. An object-based situational approach to task analysis [CAI] 79190
Lesh, J.R. *see* Hemmati, H. 83019
Leshchev, A.A., Sidorovich, V.G., Vasil'ev, M.V., Venediktov, V.Yu., Pasmanik, G.A. Nonreciprocal optical systems with phase-conjugating mirrors—a new class of optical imaging system 50655
Leshchuk, I.I. *see* Voloshin, O.I. 64209
Leshetz, Y. *see* Rainish, D. 75300
Leshkevich, S.V., Pranovich, V.I. A multichannel system to detect single nano- and microsecond pulses 80200
Lesieutre, B.C. *see* Crow, M.L. 68046
Lesinski, S. Statistical model of the low-voltage switch influence on a transient recovery voltage 90272
Lesko, J.J. *see* Case, S.W. 66383
Leslie, D.H. *see* Harada, L.K. 94840
Leslie, J., Seiden, A., Unno, Y. Signal simulations for double-sided silicon strip detector 59065
Leslie, J. *see* Barberis, E. 59063
Leslie, J. *see* Ziock, H.J. 76767
Leslie, K.E. *see* Small, G.W. 51147
Leslie, K.E. *see* Small, G.W. 87428
Leslie, T., Arden, W., Ben-Jacob, J., Coleman, D., Polimeni, J., Prein, F. Photolithography overview for 64 megabit production 62608
Leslie, T.C. *see* Weger, P. 75301
Leslie, T.M. *see* Lindquist, R.G. 56453
Lesmak, N. Data takes center stage 85936
Lesmond, C. *see* Bate, J.-M. 82488
Lesmond, C. *see* Dael, A. 88260
Lesnet, M., Beck, C.E. Minimizing installation impact of human factors projects 68397
Lesniak, J. *see* Cabrasawan, F.J. 91795
Lesniewska, E. Algorithm of computing of the electromagnetic field distribution in systems containing magnetic shields 73399
Lesniewska, E. *see* Adamczewska, D. 70962
Lesnikov, E.V., Pustovoit, V.I., Khrimyan, A.A. The use of statistical properties of light for absolute calibration of photodetectors 87191
Lesnikova, V.P., Turtsevich, A.S., Krasnitsky, V.Y., Emelyanov, V.A., Nalivaiko, O.Y., Kravtsov, S.V., Makarevich, T.V. The structure, morphology and resistivity of in situ phosphorus doped polysilicon films 70162
Lesnoy, M.A. *see* Zubov, V.V. 94347
Lesquey, E., Gire, F., Dolabdjian, C., Chok Sing, M.L., Robbes, R. Measurement of the I-V characteristics of superconducting dipoles: automatic compensation of low frequency drift 63319
Less, M. *see* Weihua Jiang 54113
Lessard, P. *see* Friede, D. 91605
Lessard, R.A. *see* Beaulieu, R. 57017
Lessard, R.A. *see* Changkakoti, R. 56916
Lessard, R.A. *see* Couture, J.J.A. 56956
Lessard, R.A. *see* Lemelin, G. 56982
Lessard, R.A. *see* Lemelin, G. 83368
Lessard, R.A. *see* Manivannan, G. 56999
Lessard, R.A. *see* Manivannan, G. 57000
Lessard, R.A. *see* Manivannan, G. 57006
Lessard, R.A. *see* Manivannan, G. 64018
Lessard, R.A. *see* Manivannan, G. 83389
Lessard, R.A. *see* Songsheng Xue 70069
Lessard, R.A. *see* Xu, S. 63405
Lessard, R.A. *see* Xue, S. 63127
Lesser, M.P. *see* Damento, M.A. 66473
Lessing, J. *see* Flanagan, K.A. 59232
Lessing, J. *see* Kenter, A. 59233
Lessmann, K., Wack, O.K. Semi-aqueous cleaning with propylene glycol ether 81016
Lessner, E. *see* Bizek, H. 67238
Lessner, E. *see* Cho, Y. 87949
Lessoer, E.S., Cho, Y. RF capture studies for injection into a synchrotron 66959
Lester, G., Coles, H., Murayama, A., Ishikawa, M. Electro-optic behaviour of low molar mass FELC's doped with liquid crystal polymers 82739
Lester, H.C. *see* Banks, H.T. 71878
Lester, J.A., Huang, P., Ahmadi, M., Dufault, M., Ingram, D., Chen, T.H., Garske, D., Chow, P.D. HEMT MMIC chip set for low cost miniaturized EHF SATCOM transceiver 80788
Lester, J.A. *see* Chen, T.H. 80838
Lester, L.F. *see* Fu, S.T. 80707
Lester, M. *see* Cudlip, W. 77272
Lester, N. *see* Kozlowski, T. 49342
Lesterlin, D. *see* Emery, J.-Y. 56414
Lesterlin, D. *see* Langanay, J. 83130
Lesukov, B. *see* Kulesov, V.N. 49205
Lesurf, J.C.G. *see* Harvey, A.R. 81153
Lesurf, J.C.G. *see* Smith, G.M. 82754
Leszczynski, K. *see* Dunscombe, P. 77044
Letang, J.M. *see* Rebuffel, V. 57792

Letardi, T., Di Lazzaro, P., Zheng, C.E. Influence of unstable cavity optical component aberrations on laser beam divergence 94572
Letardi, T. *see* Giordano, G. 83223
Letartre, X. *see* Rojo-Romeo, P. 56038
Letavic, T. *see* Merchant, S. 55973
Letavic, T.J. *see* Baumgart, H. 93082
Letcher, S. *see* Chonghua Zhou 52927
Letelier, F.V. *see* Sayer, M. 93810
Letellier, V., Bassier, G., Marmier, P., Morin, R., Uhel, R., Artur, J. Polarisation scrambling in 5 Gbit/s 8100 km EDFA based system 52609
Letellier, V. *see* Bruyere, F. 86482
Letheren, M. *see* Christiansen, J. 76838
Lethiecq, M. *see* Tessier, L. 67489
LeTran, T.T., Schaff, W.J., Ridley, B.K., Chen, Y.P., Clark, A., O'Keefe, S., Eastman, L.F. On the suppression of phonon-electron scattering in short periodic AlAs/GaAs multiple quantum well structures 62301
Lettau, C., Wendel, M., Schmeller, A., Hansen, W., Kotthaus, J.P., Klein, W., Bohm, G., Trankle, G., Weimann, G., Holland, M. DC and high-frequency transport in quasi-one-dimensional quantum wires with rough boundaries 93037
Lettieri, T., Kelley, J., Ehrlich, C. Investigation of annular forces using an oscillating, gas-operated piston gauge 87128
Lettington, A.H., Hong, Q.H. Interpolator for infrared images 51708
Lettington, A.H., Hong, Q.H., Macdonald, J., Marshall, A., Murphy, K.St.J., Donohue, P.P. Measurement of the MTF and MRTD for focal plane arrays 66450
Lettington, A.H. *see* Gleed, D.G. 64664
Letunovskii, A.A. *see* Afonin, A.V. 82791
Leturiondo, L.A. *see* Ruiz, J. 78251
Leu, C.S. *see* Hua, G.C. 68077
Leu, G.C. *see* Liaw, C.M. 68851
Leu, J.H. *see* Kuo, C.K. 84917
Leu, M., Doll, T., Flietner, B., Lechner, J., Eisele, I. Evaluation of gas mixtures with different sensitive layers incorporated in hybrid FET structures 66569
Leu, M. *see* Flietner, B. 66560
Leu, M.C. *see* Chou, H.P. 88220
Leu Ching-Shan *see* Ching-Shan Leu
Leu Dar-Ren *see* Dar-Ren Leu
Leu Jia-Guu *see* Jia-Guu Leu
Leu Shyue-Ter *see* Shyue-Ter Leu
Leu-Shing Lan, Reed, I.S. An improved JPEG image coder using the adaptive fast approximate Karhunen-Loeve transform (AKLT) 95910
Leuhrmann, P. *see* Pforr, R. 71461
Leung, A.T., Wainberg, S. Deployment issues of CCS links on self-healing rings 52551
Leung, C. *see* Cam, R. 95092
Leung, C. *see* No, K.H. 83159
Leung, C. *see* Ong, C.T. 96970
Leung, C. *see* Wong, V. 52413
Leung, C. *see* Wong, V. 86199
Leung, C.-W. *see* Yau, S.S.-T. 73940
Leung, C.H. *see* Hui, K.P. 95895
Leung, C.M., Lu, W.-S. An L-curve approach to optimal determination of regularization parameter in image restoration 85083
Leung, C.M., Lu, W.-S. A two-phase blind restoration algorithm 85085
Leung, C.M., Lu, W.-S. A multiple-parameter generalization of the Tikhonov-Miller regularization method for image restoration 95953
Leung, D.L. *see* Koga, R. 70466
Leung, D.N.K. *see* Kip, R.K.K. 84834
Leung, D.N.K. *see* Lam, L.T.S. 85178
Leung, D.N.K. *see* Lam, W.C.Y. 85179
Leung, D.N.K. *see* Lam, W.C.Y. 95847
Leung, D.N.K. *see* Yip, R.K.K. 51589
Leung, D.N.K. *see* Yip, R.K.K. 95820
Leung, E., Dew, M., Samavedam, G., Gamble, B. A study of two distinct coil designs for a Maglev EDS application 82481
Leung, H., Blanchette, M. Data association for multiple target tracking using Hopfield neural network 97390
Leung, H., Lo, T., Litva, J. Nonlinear adaptive signal processing based on rational function 74025
Leung, H. *see* Lo, T. 51435
Leung, H. *see* Lo, T. 86566
Leung, H. *see* Lo, T. 96963
Leung, H. *see* Xinping Huang 74628
Leung, H.C., Chigier, B., Glass, J.R. A comparative study of signal representations and classification techniques for speech recognition 84121
Leung, H.C. *see* Asadi, A.O. 84159
Leung, J., Lee, J. More facets from fences for linear ordering and acyclic subgraph polytopes 54711
Leung, K., Chu, A., Wong, C., Chu, E., Jin, M. The Magellan UNIX-based SAR processor 75694
Leung, K., Jin, M. Processing of scan SAR mode data for Radarsat 77249
Leung, K. *see* Shu, Q.S. 87932
Leung, K.-N. *see* Conde, M.E. 71027
Leung, Ka.Y. *see* Welland, D.R. 93886
Leung, K.K. Dynamic response analysis of the LBL Advanced Light Source synchrotron radiation storage ring 67210
Leung, K.K. Cyclic-service systems with non-preemptive, time-limited service 85279
Leung, K.K., Lucantoni, D.M. Two vacation models for token-ring networks where service is controlled by timers 74903
Leung, K.K., Massey, W.A., Whitt, W. Traffic models for wireless communication networks 65644
Leung, K.K., Massey, W.A., Whitt, W. Traffic models for wireless communication networks 97056
Leung, K.K., Shu, Q.S., Yu, K., Zbasnik, J. Effective stress of the SSC 80 K synchrotron radiation liner in a quenching dipole magnet 76662
Leung, K.K. *see* Takagi, H. 96706
Leung, K.N. Multicusp ion sources 53181
Leung, K.N., Bachman, D.A., Herz, P.R., McDonald, D.S., Olivo, M., Perkins, L.T. Positive hydrogen ion beam production by an RF-driven multicusp source 76734
Leung, K.N. *see* Kwan, J.W. 76727
Leung, K.N. *see* Olivo, M. 53265
Leung, K.N. *see* Perkins, L.T. 53188
Leung, K.N. *see* Young, A.T. 53272
Leung, K.N. *see* Young, A.T. 76304
Leung, K.W., Luk, K.M. Moment method solution of aperture-coupled hemispherical dielectric resonator antenna using exact modal Green's function 94996
Leung, K.W., Luk, K.M. Radiation characteristics of an aperture-coupled hemispherical dielectric resonator antenna 95001
Leung, K.W., Luk, K.M., Yung, E.K.N. Spherical cap dielectric resonator antenna using aperture coupling 83839
Leung, L. Anticipating and estimating adoption and resistance of interactive instructional technology: A look at multimedia in higher education 96390
Leung, M.K., Yee Hong Yang A model based approach to labelling human body outlines 96066
Leung, M.S. *see* Lin, C.T. 54934
Leung, P. *see* Xue-Feng Leng 97098
Leung, S.C., Li, H.F. A syntax-directed translation for the synthesis of delay-insensitive circuits 55217
Leung, S.C. *see* Lam, P.N. 49242
Leung, S.C. *see* Li, H.F. 49237
Leung, S.C. *see* Li, H.F. 49274
Leung, S.H., Ng, H.C., Wong, K.F. Speech synthesis using two-sided linear prediction parameters 95339
Leung, S.H. *see* Lam, A.T.W. 95915
Leung, S.H. *see* Wong, K.F. 95304
Leung, S.O., Chan, K.L., Fung, P.W. Compression techniques for still image and motion video 85189
Leung, S.W. *see* Zhu, Y.S. 74204
Leung, T. *see* Arora, T. 55307
Leung, T.K.P. *see* Peet, W.J. 60090
Leung, T.K.P. *see* Peet, W.J. 60091
Leung, V.C.M., Qian, N. Call control signaling for personal communications over interconnected metropolitan area networks 86173
Leung, V.C.M., Qian, N., Malyan, A.D., Donaldson, R.W. Call control and traffic transport for connection-oriented high speed wireless personal communications over metropolitan area networks 96598
Leung, Y.-W. Simplified power control method for cellular mobile communication 52370
Leung Bosco *see* Bosco Leung
Leung Chi-Kin *see* Chi-Kin Leung
Leung Ka-Ngo *see* Ka-Ngo Leung
Leung Ping Sun *see* Ping Sun Leung
Leung Yiu-Wing *see* Yiu-Wing Leung
Leupold, H.A., Potenziani, E., II Choice of material in the design of permanent magnet flux sources 50383
Leupold, H.A., Potenziani, E., II, Tilak, A.S. Adjustable multi-tesla permanent magnet field sources 50380
Leupold, H.A., Tilak, A.S., Potenziani, E., II Flux tailoring of permanent magnet solenoids 50381
Leupold, M. *see* Miller, J.R. 82404
Leupold, M.J. *see* Iwasa, Y. 82442
Leupold, M.J. *see* Pourrahimi, S. 82478
Leupold, M.J. *see* Williams, J.E.C. 82412
Leuski, V. *see* Trokhimovski, Yu. 77465
Leutenbauer, R. *see* Engelmann, G. 62603
Leuthner, T. Development system for pulse oximetry 98803
Leuthold, A.C., Wakai, R.T., Hohemwarter, G.K.G., Nordman, J.E. Characterization of a simple thin-film superconducting switch 82389
Leuthold, D.H. *see* Reinschmidt, R.M. 49468
Leutiger, M. *see* Hecht, A. 52757
Leutiger, M. *see* Lainer, K. 87341
Leutiger, M. *see* Sonnde, G. 65547
Leutz, H. Track Sensitive Targets, hybrid-and rapid cycling chambers 76800
Leutz, H. *see* Anselmo, F. 98647
Leutz, H. *see* D'Ambrosio, C. 67286
Leutz, H. *see* Barletta, W.A. *(editor)* 90771
Leuzzi, G. *see* Giannini, F. 80158
Leuzzi, G. *see* Giannini, F. 92541
Lev-Ari, H. *see* Dumas, O. 74220
Lev-Ari, H. *see* Fejzo, Z. 85947
Lev-Ari, H. *see* Genossar, M.J. 51446
Lev-Ari, H. *see* Sayed, A.H. 64426
Lev-Ari, H. *see* Wu, P.W. 84503
Lev-Ari, H. *see* Zhao, K. 74187
Lev-Ari, H. *see* Zhao, K. 84292
Lev-Tov, S. *see* Inan, U.S. 83670
Leva, J.L. Relationship between navigation vertical error, VDOP, and pseudorange error in GPS 65986
Leva, J.L. Relationship between navigation vertical error, VDOP, and pseudo-range error in GPS 97196
Levacher, L. *see* Jerosolimski, M. 53651
Levacher, L. *see* Jerosolimski, M. 77839
Levalois, M. *see* Lhermitte-Sebire, I. 81448
Levander, A.R. *see* Shih, R.-C. 77237
Levandov, R. Integrating DSPs in PC system and peripheral designs 70636
Levandowski, D.W. *see* Cetin, H. 53531
Levanon, N., Getz, B. Comparison between linear FM and phase-coded CW radars 86573
Levanon, N. *see* Freedman, A. 75551
Levarsky, J. *see* Hanak, J. 66110
Levash, L.V. *see* Kosorotov, V.F. 75950
Levasseur, L., Turpin, E. Diffusion of technological innovations 48626
Levchanovsky, F.V. *see* Butenko, V.A. 53317
Levchenko, E.V., Arkad'ev, B.A., Murav'ev, V.I., Galatsan, V.N., Poluyanov, B.M. Modernization of the 160 MW Turboatom turbines 53935
Levchenko, E.V., Galatsan, V.N., Sukhinin, V.P., Arkad'ev, B.A. New-generation turbines of NPO Turboatom 89624
Levchenko, E.V., Sukhinin, V.P., Arkad'ev, B.A., Moskvina, L.D., Svechenovskii, Yu.K. Development of the last stages of the steam turbines of Turboatom Research and Production Association 99935
Levchenko, V.I. *see* Bondarenko, V.P. 69982
Levchuk, L.G. The intra-atomic motion of bound electrons as a possible source of the systematic error in electron beam polarization measurements by means of a Moller polarimeter 67249
Levchuk, Yu.P. *see* Belyavskaya, T.G. 64526
Level, M.P., Brunelle, P., Marin, P., Nadji, A., Sommer, M., Zyngier, H., Faure, J., Payet, J., Tkatchenko, A. SOLEIL, a new synchrotron radiation source for LURE 66833
Levelt, W. *see* Bouma, W. 96862
Levenson, J.A. *see* Grangier, P. 52583
Levenson, M. *see* Golan, S. 53880
Levenson, R. *see* Bouadma, N. 94304
Levenson, S., Wong, K. Rapid service activation for personal communications access services 86174
Levenstein, S.B. *see* Borkenhagen, J.M. 92257
Leventhal, L. Statistically significant poor performance in listening tests 79531
Leveque, J. *see* Tixador, P. 53841
Leveque, P. *see* Melon, C. 72067
Lever, K.V. *see* Jaisilp, A. 97030
Lever, P.H., Jennings, P.A., Ball, R.J. Component-level susceptibility testing 51140
Lever, R.F. *see* Griffin, P.B. 93120
Leverett, A.L. *see* Kovacs, R.R. 59771
Leverich, M.K., Silberberg, J.L., Weininger, S. Design and development of a multi-channel signal-acquisition system for recording an apnea waveform database 77015
Levermann, F. *see* Maas, C. 54722
Levesley, J. Local stability of translates of polyharmonic splines in even space dimension 48849
Levesley, J., Hough, D.M., Chandler-Wilde, S.N. A Chebyshev collocation method for solving Symm's integral equation for conformal mapping: a partial error analysis 79735
Levesque, A.H. *see* Pahlavan, K. 85681
Levesque, H. *see* Thomson, J.E. 50714
Levesque, M. *see* Ghosh, A.K. 65825
Leveugle, R. *see* Safinia, C. 49319
Levi, A. *see* Kianian, S. 70522
Levi, A.E.J. *see* Nordin, R.A. 91051
Levi, A.F.J. *see* Frateschi, N.C. 83144
Levi, A.F.J. *see* Jalali, B. 75457
Levi, A.F.J. *see* Nordin, R.A. 56574
Levi, A.F.J. *see* Siala, S. 97290
Levi, D. *see* Abou-Elfotouh, F.A. 100508
Levi, D. *see* Nelson, A.J. 92939
Levi, D.H. *see* Durbin, S.M. 100667
Levi, D.L. *see* Ahrenkiel, R.K. 60470
Levi, E. Magnetic saturation in rotor-flux-oriented induction motor drives: operating regimes, consequences and open-loop compensation 90485
Levi, F. *see* Godone, A. 86932
Levi, P.G., Talke, F.E. Effect of ramp profile and spindle speed on head-disk contact during rotary load/unload 50272
Levi, V. Models of power system components in the process of the probabilistic transmission network expansion planning 68161
Levi, V., Janjic, D. A simulation procedure in the process of the probabilistic transmission network expansion planning 68162
Levi, V.A. A medium-term probabilistic model for forecasting loads with a small proportion of air conditioners 53725
Levi, V.A. *see* Popovic, D.S. 53673
Leviatan, Y. *see* Boag, A. 57082
Leviatan, Y. *see* Erez, E. 51059
Levichev, E. *see* Erg, G. 67200

Levichev, E. *see* Korchuganov, V. 66911
Levichev, E. *see* Korchuganov, V. 66999
Levichev, E. *see* Korchuganov, V. 76664
Levichev, E. *see* Kuznetsov, S. 67211
Levichev, S.S., Bratov, A.V., Vlasov, Y.G. New photocurable composition for ISFET polymer membranes 66257
Levicky, D., Fedor, M. Progressive image compression by quadtree encoding of bit planes 95988
LeVier, C. *see* Barberis, E. 59063
Levin, A.L., Lubinsky, D.S. L_p Markov-Bernstein inequalities for Freud weights 61141
Levin, A.L. *see* Albantov, A.F. 98135
Levin, A.V. *see* Zaikin, A.E. 60946
Levin, B.J. *see* Norrod, R.D. 58536
Levin, B.M. Slot antenna on cone and pyramid 95007
Levin, C., Markey, J. Compressed xenon gas near its critical point as an ionization medium 59087
Levin, E. *see* Agazzi, O.E. 84966
Levin, G., O'Malley, K. Designing with hysteretic current-mode control 61505
Levin, L. Industry-wide impact assessment of utility emissions 78383
Levin, L. *see* Weissman, J. 48952
Levin, L.B. *see* Kabakov, V.I. 69009
Levin, M. *see* Burgett, W. 98480
Levin, M. *see* McInturff, A.D. 76652
Levin, M. *see* Weisend, J.G., II 87684
Levin, M.D., Cowan, C.F.N. Some observations on implementing various recursive least squares adaptive filtering algorithms 51486
Levin, M.N., Lichmanov, Yu.O., Maslovskii, V.M. Changes in the charge stability of MIS structures induced by a pulsed magnetic field 55673
Levin, M.N., Maslovsky, V.M. Relaxation processes induced in Si-SiO_2 systems by ionizing radiation and pulsed magnetic field treating 62305
Levin, P.L. *see* Virball, V.G. 65736
Levine, A.L., Bergendahl, A.S. Interpreting cost of ownership for mix-and-match lithography 71517
Levine, A.M., Ozizmir, E., Trebino, R., Hayden, C.C., Johnson, A.M., Tokuda, K.L. Induced-grating autocorrelation of ultrashort pulses in a slowly responding medium 83297
Levine, B.F. *see* Gunapala, S.D. 52849
Levine, B.F. *see* Gunapala, S.D. 66366
LeVine, D.M. *see* Karam, M.A. 77585
Levine, J.D., Woodall, D.K., Knepprath, V.E., Stevens, G.D. Upgrading of silicon spheres using an airjet grinder [solar cell fabrication] 100637
Levine, J.P. *see* Braun, J.M. 89273
Levine, M.D. *see* Roth, G. 84737
Levine, P.A., Sauer, D.J., Hsueh, F.-L., Shallcross, F.V., Taylor, G.C., Meray, G.M., Tower, J.R., Harrison, L., Lawler, W. Multi-port backside illuminated CCD imagers for moderate to high frame rate camera applications 66466
Levine, P.A. *see* Lawler, W. 66465
Levine, P.D., Sweda, J.R. Development of a primary standard ultrahigh vacuum calibration station 92858
Levine, S.H., Kreifeldt, J.G. Uniquely representing point patterns with minimal information 64827
Levinson, E., ter Horst, J., Willcocks, M. The next generation marine inertial navigator is here now 67938
Levinson, H., Inglis, B.D., Kinard, J.R., Stollery, D.E. Improved vacuum thermocouples 87104
Levinson, H.J. ISO 9000: what every microlithographer should know 79458
Levinson, J., Even, O., Adler, E., Hass, M., Ilberg, D., Lifshitz, Y. Single Event Latchup (SEL) in IDT 7187 SRAMs—dependence on ion penetration depth 70462
Levinson, J. *see* Barak, J. 70379
Levinson, S.E. *see* Gorin, A.L. 73809
Levis, J., von Schilling, P. Lessons from three implementations: knocking down barriers to client/server 52117
Levis, M. *see* Villegier, J.C. 63318
Levisse, A. Radiating cables — Channel Tunnel applications 52297
Levitan, E. *see* Chan, M. 57813
Levitan, S. *see* Chunming Qiao 52487
Levitan, S. *see* Chunming Qiao 75447
Levitan, S.P. *see* Chiarulli, D.M. 52549
Levitan, S.P. *see* Chunming Qiao 97350
Levitch, P.E. Engineering shorter turbine outages 78412
Levitin, L.B. *see* Karpovsky, M.G. 73646
Levitt, B., Simon, M., Polydoros, A., Unjeng Cheng Partial-band detection of frequency-hopped signals 75197
Levitt, B.K., Unjeng Cheng, Polydoros, A., Simon, M.K. Optimum detection of slow frequency-hopped signals 57537
Levitt, B.K. *see* Cheng, U. 52331
Levitt, H. The impact of technology on speech rehabilitation 98986
Levitt, H. *see* Javkin, H. 77078
Levitt, H. *see* Javkin, H. 98989
Levitt, K. *see* Arora, T. 55307
Levitt, K.N. *see* Mukherjee, B. 58057
Levitt, M.E., Roy, K., Abraham, J.A. BiCMOS logic testing 55218
Leviush, A.I., Katunyan, V.I. Mathematical modelling of parametric resonance at higher harmonics in a tapped 330 kV transmission line at no-load 78116
Levkoff, J. *see* Carver, G.E. 61437
Levkovich, A.V. *see* Apel, P.Yu. 88190
Levoguer, C.L. *see* Davies, G.J. 91511
Levoska, J., Hill, A.E., Leppavuori, S., Kusmartseva, O., Tomlinson, R.D., Pilkington, R.D. Laser ablation deposition of $CuInSe_2$ thin films on silicon and fused silica 61326
Levoska, J. *see* Leppavuori, S. 54962
Levoy, M. *see* Totsuka, T. 57808
Levrini, G. *see* Dionisio, C. 65894
Levshin, L.V. *see* Akimov, A.I. 63680
Levush, B., Freund, H.P., Antonsen, T.M., Jr. Tunability of tapered free electron lasers 50871
Levush, B. *see* Destler, W.W. 63895
Levush, B. *see* Miller, S.M. 62116
Levy, A. *see* Larson, D.J., Jr. 91419
Levy, C.D.P. *see* Zelenski, A.N. 76746
Levy, G.F. Analysis of the steady-state and switch-on characteristics of a nonlinear fibre optic ring resonator 94609
Levy, H. *see* Konheim, A.G. 51808
Levy, J.L. *see* No, K.H. 83159
Levy, L. *see* Soubeyran, A. 77116
Levy, M., Scarmozzino, R., Osgood, R.M., Jr., Wolfe, R., Cadieu, F.J., Hedge, H., Gutierrez, C.J., Prinz, G.A. Permanent magnet film magneto-optic waveguide isolator 72495
Levy, M. *see* Eldada, L. 94182
Levy, M. *see* Fredricksen, H. 56190
Levy, M., McAvoy, B.R. *(editors)* IEEE 1993 Ultrasonics Symposium Proceedings (Cat. No.93CH3301-9) 79113
Levy, P.W. *see* Kierstead, J.A. 59085
Levy, R. Synthesis of general asymmetric singly- and doubly-terminated cross-coupled filters 92343
Levy, R. *see* Carmel, O. 79457
Levy, R. *see* Prasanna, P.K. 52220
Levy, S. The important role of thermal hydraulics in 50 years of nuclear power applications 89510
Levy, S.A., Buell, D. New directions in Asian telecommunications II: Russia's reach for global impact: Integration or devolution? 96316
Levy, S.V., Ostrovsky, A.S., Agalidy, Yu.S. Magnetic field topographical survey by magnetooptical space-time light modulators 72489
Levy, S.V. *see* Ostrovsky, A.S. 72289
Levy, Y. *see* Kelson, I. 67278
Levy Vehel, J., Mignot. P. Multifractal segmentation of images 64761
Levy-Clement, C. *see* Wu-Mian Shen 92914
Levy-Dit-Vehel, F. *see* Charpin, P. 73665
Levy-Vehel, J., Berroir, J.P. Image analysis through multifractal description 51559
Lew, M.S., Huang, T.S., Kam Wong Learning and feature selection in stereo matching 84736
Lew Yan Voon, L.C., Ram-Mohan, L.R. Band-to-band lasing in type-II GaAs/AlAs short-period superlattices 72803
Lewandowski, J., Syms, R.R.A., Grant, M., Bailey, S. Controlled formation of buried-channel waveguides by electron beam irradiation of glassy layers on silicon 72367
Lewandowski, J. *see* Syms, R.R.A. 50574
Lewandowski, P. *see* Hellemans, R. 90623
Lewellen, J.W. *see* Huang, Y.C. 72930
Lewellen, J.W. *see* Schmerge, J.F. 83187
Lewellen, T.K., Kohlmyer, S.G., Ehlert, D.C., Miyaoka, R.M. A new preprocessor for the SP-3000 series of time-of-flight positron emission tomographs 59289
Lewellen, T.K. *see* Costa, W.L.S. 98835
Lewellen, T.K. *see* Harrison, R.L. 98837
Lewellen, T.K. *see* Harrison, R.L. 98838
Lewellen, T.K. *see* Haynor, D.R. 59312
Lewellen, T.K. *see* Haynor, D.R. 98839
Lewellen, T.K. *see* Kaplan, M.S. 98834
Lewellen, T.K. *see* Kohlmyer, S.G. 53413
Lewellen, T.K. *see* Kohlmyer, S.G. 98833
Lewellen, T.K. *see* Miyaoka, R.S. 59287
Lewellen, T.K. *see* Miyaoka, R.S. 98836
Lewellen, T.K. *see* Pollard, K.R. 59305
Lewelling, R. *see* Roth, C. 92263
Lewerenz, H.-J. *see* Cattarin, S. 60451
Lewerenz, H.J. *see* Cattarin, S. 60450
Lewerenz, H.J. *see* Rappich, J. 71372
Lewicki, G. *see* Baronti, M. 69815
Lewicki, S., Meemong Lee, Chodas, P., DeJong, E. Stereo processing of Magellan SAR imagery performed on a transputer architecture 75695
Lewin, C. *see* Raymond, M. 88242
Lewin, J.D. *see* Spooner, N.J.C. 59151
Lewin, P.A. *see* Fay, B. 67534
Lewin, P.A. *see* Fay, B. 67535
Lewin, P.A. *see* Qian Zhang 99345
Lewin, P.A. *see* Wu, Y.Q. 98878
Lewin, P.A. *see* Yunqiu Wu 52880
Lewin, R. *see* Danilychev, V. 61980
Lewiner, C. Safety, a key factor for the future of nuclear energy 78335
Lewins, J.D. Ionising radiation risks: rules of "five and ten" 99029
Lewis, A. Measurement of length, surface form and thermal expansion coefficient of length bars up to 1.5 m using multiple-wavelength phase-stepping interferometry 66677
Lewis, A. *see* Martin, R. 77145
Lewis, A. *see* Rudman, M. 71519
Lewis, A.G. *see* Lack, M. 93402
Lewis, A.G. *see* Lee, D.D. 98230
Lewis, A.M. *see* Boone, K. 67582
Lewis, A.R. *see* Gandy, C. 97594
Lewis, A.S. *see* Borwein, J.M. 79637
Lewis, C.L.S. *see* Kato, Y. 50730
Lewis, C.L.S. *see* Key, M.H. 50731
Lewis, C.P. Distribution based background and threshold estimations for small target detection in an infrared imaging system 66455
Lewis, C.P., Crump, S.J. Sigma-delta modulator based transducers 52838
Lewis, C.P., Crump, S.J. Modeling and control of digital transducers 58701
Lewis, C.P. *see* Littlehales, P.A. 58703
Lewis, C.R. *see* Ong, T.P. 100782
Lewis, D. *see* Claeys, W. 60949
Lewis, D. *see* Claeys, W. 80968
Lewis, D. *see* Cole, R. 99929
Lewis, D.F. *see* Bruegge, C.J. 63539
Lewis, D.K., Anathony, P.J., Hibbs-Brenner, M., Crow, J.D. Optoelectronics Technology Consortium (OETC); progress and plan 82873
Lewis, D.M. *see* Aggarwal, A.A. 92053
Lewis, D.M. *see* Pearce, P.D. 48620
Lewis, E. *see* Wood, M.E.J. 98983
Lewis, E.E., Hsin-Chieh Chen Load-capacity interference and the bathtub curve 91134
Lewis, E.R. *see* Kovacs, G.T.A. 76983
Lewis, G. C-17 Warning and Caution Computer 59498
Lewis, G.K. Microsoft MAIL: facilitating communication in team projects 96554
Lewis, J.F. *see* Morton, C.H. 52025
Lewis, J.O. The applications of renewable energy technologies in buildings 99983
Lewis, J.T. *see* Duffield, N.G. 65001
Lewis, J.T. *see* Duffield, N.G. 65002
Lewis, K.L. *see* Dexter, K.F. 54958
Lewis, K.L. *see* Gibson, D.R. 50663
Lewis, K.L. *see* Llewellyn, I.P. 61361
Lewis, M., Hanhwe Kim Noise and emergent features in integrated displays 98215
Lewis, M. *see* Borges, M. 69391
Lewis, M.L. *see* Zhai, T. 63961
Lewis, N.H. *see* Yang, J. 57136
Lewis, P.S. *see* Mosher, J.C. 77010
Lewis, P.S. *see* Mosher, J.C. 99190
Lewis, P.S. *see* Roberts, R.S. 99390
Lewis, R. *see* Hall, C. 88309
Lewis, R. *see* Svensson, A. 76860
Lewis, R.A., Fore, N.S., Hall, C., Helsby, W., Jones, A., Parker, B., Sumner, I., Worgan, J.S. A highly parallel imaging gas counter for synchrotron radiation diffraction 87997
Lewis, R.A. *see* Baumbaugh, B. 59149
Lewis, R.A. *see* Helsby, W.I. 88008
Lewis, R.A. *see* Hertzler, J. 53326
Lewis, R.A. *see* Jones, A.O. 88221
Lewis, R.A. *see* Jones, A.O. 88222
Lewis, S. *see* Celata, C.M. 87832
Lewis, S.H. *see* Berg, S.K. 92368
Lewis, S.H. *see* Nagaraj, K. 70782
Lewis, S.T. *see* Sy-Hwa Chen 92718
Lewis, T. *see* Dunn, C. 61695
Lewis, T.B. *see* Sheen, D.R. 59597
Lewis, T.G. *see* Dumin, D.J. 62365
Lewis, T.J. Basic electrical processes in dielectric liquids 82101
Lewis, T.J. Nanometric dielectrics 93689
Lewitowicz, M. *see* Auger, G. 98385
Lewitowicz, M. *see* Fomichev, A.S. 53328
Lewitowicz, M. *see* Tretyakova, S. 88168
Lewitt, R.M. *see* Matej, S. 59331
Lewkebandara, T.S., Winter, C.H. CVD routes to titanium disulfide films [for Li batteries] 54955
Lewnard, J.J. *see* Holley, E.P. 78427
Lewoc, J.B., Misiura, L.Z., Wolisz, A. Yet another approach to throughput assessment for CSMA/CD based distributed systems 65057
Lexin, J. Cleaning and handling of flex circuits 49707
Ley, E.de *see* de Ley, E.
Leycuras, A. *see* Chen, S. 63452
Leycuras, C. *see* Botineau, J. 63897
Leyk, A. *see* Mertin, W. 80804
Leyman, A.R., Durrani, T.S. HOS-based direction of arrival estimation 51518
Leyman, A.R., Durrani, T.S. Signal-subspace processing using higher order statistics 74157
Leyman, A.R. *see* Durrani, T.S. 48759
Leyman, A.R. *see* Durrani, T.S. 51488
Leyman, A.R. *see* Durrani, T.S. 84521
Leymarie, J. *see* Grandjean, N. 54827
Leys, C. *see* Sazhin, S. 63628
Leys, C. *see* Sazhin, S. 63663
Leys, C. *see* Sazhin, S. 72678
Leys, C. *see* Spiridonov, M. 56620
Leys, M.R. *see* Aninkevicius, V. 62274
Leys, M.R. *see* Chen, X.Y. 49919
Leys, M.R. *see* Christianen, P.C.M. 62189
Leys, M.R. *see* Yoffe, G.W. 56779
Leyser, T.B., Thide, B., Waldenvik, M., Veszelei, E., Frolov, V.L., Grach, S.M., Komrakov, G.P. Downshifted maximum features in stimulated electromagnetic emission spectra 94822
Leyva, V., Rakuljic, G.A., O'Conner, B. Narrow bandwidth volume holographic optical filter

operating at the Kr transition at 1547.82 nm 73173
Leyzerovich, A.Sh. PC-based operative information support at transients and their postoperative analysis in reference to steam turbines 78415
Lezerovitz, A. *see* Sandbank, A. 75124
Lezhu Zhou *see* Zhou Lezhu
Lhermet, N. *see* Claeyssen, F. 82296
Lhermitte-Sebire, I., Vicens, J., Chermant, J.L., Levalois, M., Paumier, E. Basal and prismatic defects in α-SiC 6H single crystals irradiated at the GANIL accelerator with 5.5 GeV Xe ions 81448
L'Heureux, I. *see* Guillon, F. 53092
Lho Young Hwan *see* Young Hwan Lho
Lhorte, A. *see* Laurent, B. 81379
L'Huillier, A. *see* Salieres, P. 56900
L'Huillier, A. *see* Svanberg, S. 50784
Li, A., Crebbin, G. Octree encoding of objects from range images 57868
Li, B., Vankwikelberge, P. Virtual LAN (VLAN) configuration and address resolution in an ATM network 65380
Li, B. *see* Xiang, X.B. 91433
Li, B.-Z. *see* Prados, C. 87451
Li, B.X., Haykin, S. Chaotic characterization of sea clutter 52628
Li, B.X., Haykin, S. Chaotic detection of small target in sea clutter 75593
Li, C., Hesketh, P.J., Maclay, G.J. Thin gold film strain gauges 58707
Li, C., Pichon, L., Ren, Z., Razek, A. Modelling of a loaded cavity with automatic adaptive mesh refinement 51004
Li, C. *see* Chui, C.K. 95501
Li, C. *see* Krusin-Elbaum, L. 63282
Li, C.-H., Yam, Y.-O. Maximum frequency and optimum performance of class E power amplifiers 65549
Li, C.-L. *see* Alfa, A.S. 69507
Li, C.-S., Tong, F.F.-K., Georgiou, C.J., Chen, M. Gain equalization in metropolitan and wide area optical networks using optical amplifiers 65313
Li, C.-S. *see* Tong, F. 86016
Li, C.-S. *see* Tong, F. 97291
Li, C.-Y. *see* Borgesen, P. 71404
Li, C.-Y. *see* Conway, H.D. 69565
Li, C.-Y. *see* Korhonen, M.A. 62536
Li, C.C., Ikeda, K., Inoue, T., Ko, P.K. A physical poly-silicon thin film transistor model for circuit simulations 93410
Li, C.C., Quader, K.N., Minami, E.R., Chenming Hu, Ko, P.K. A new bi-directional PMOSFET hot-carrier degradation model for circuit reliability simulation 62821
Li, C.C., Wu, C.-H.J. Comparison between a neural fuzzy system- and a backpropagation-based fault classifiers in a power controller 78576
Li, C.C. *see* Das, M. 57854
Li, C.C.-P., Boukli-Havene, M., Kurz, L. Performance of convolutional codes and several linear block codes in an optical QPSK intradyne receiver 51335
Li, C.C.-P., Boukli-Hacene, M., Kurz, L. Comparison of coded and uncoded QPSK intradyne and heterodyne receivers 86462
Li, C.F. *see* Chen, C.S. 92913
Li, C.K. *see* Wenzel, K.W. 88058
Li, C.K. *see* Wenzel, K.W. 98690
Li, C.P. *see* Ko, C.C. 92373
Li, C.R. *see* Sundararaman, R. 50153
Li, C.Y. *see* Young, A.T. 76304
Li, D., Ball, M., Brabson, B., Budnick, J., Caussyn, D.D., Collins, J., Derenchuk, V., East, G., Ellison, M., Friesel, D., Hamilton, B., Huang, H., Jones, W.P., Liu, J.Y., Lee, S.Y., Riabko, A., Sloan, T., Wang, Y. Modeling of the IUCF Cooler synchrotron 98409
Li, D. *see* Budnick, J. 76688
Li, D. *see* Ellison, M. 66909
Li, D. *see* Ingold, G. 63868
Li, D. *see* Liu, J.Y. 98399
Li, D. *see* Pashley, M.D. 93219
Li, D. *see* Syphers, M.J. 66966
Li, D. *see* Tanabe, T. 76750
Li, D. *see* Wang, Y. 66910
Li, D. *see* Yu, L.H. 63890
Li, D.L., Mao, X.M., Fu, H.Z. Electromagnetic levitation melting of solar grade silicon material 69911
Li, D.S. *see* Bai, J.Z. 53324
Li, D.S.P. Computer-aided lamp temperature measuring apparatus and maximum lamp profile temperature 69219
Li, E.P. *see* Chen, D.G. 90290
Li, F., Durden, S.L., Im, E., Tanner, A., Ricketts, W., Wilson, W., Meneghini, R., Iguchi, T., Nakamura, K. Airborne rain mapping radar and preliminary observations during TOGA/COARE 77360
Li, F., Lu, Y. Unified bias analysis for DOA estimation algorithms 84465
Li, F. *see* Bai, J.Z. 53324
Li, F. *see* Goldstein, R.M. 59570
Li, F. *see* Hubbard, S.F. 73065
Li, F. *see* Lee, H. 74104
Li, F.K. *see* Nghiem, S.V. 77534
Li, F.K. *see* Tanner, A. 59555
Li, F.K. *see* Yueh, S.H. 77535
Li, F.K. *see* Yueh, S.H. 88795
Li, G., Alnuweiri, H., Wu, Y., Li, H. Acceleration of back propagation through initial weight pretraining with delta rule 61849
Li, G., Bacon, J. Supporting distributed real-time objects 96731
Li, G., Haertling, G. The electrostrictive and related properties of $(Pb_{1-x}Ba_x)_{1-3x/2}Bi_x(Zr_{1-y}Ti_y)O_3$ ceramic system 50145
Li, G. *see* Omote, K. 77745
Li, G. *see* Sethi, S. 81699
Li, G. *see* Winkler, M. 76564
Li, G.P. *see* Chao, E.Y. 93457
Li, G.P. *see* Chao, E.Y. 93461
Li, G.P. *see* Quon, D. 93327
Li, G.P. *see* Quon, D.S. 93336
Li, G.P. *see* Zhao, J. 93343
Li, G.X. *see* Guo, Z.Y. 87899
Li, H. A component theory for telecommunication architectures 96446
Li, H., Dong, Z., Vickers, G.W. Optimal toolpath pattern identification for single island, sculptured part rough machining using fuzzy pattern analysis 95842
Li, H., Forchheimer, R. A new motion-compensated technique for video compression 85044
Li, H., Lockhart, G.B. Non-linear interpolation in prototype waveform interpolation (PWI) encoders 64346
Li, H., Qian, W., Clarke, L.P., Kallergi, M. Neural network for maximum entropy restoration of nuclear medicine images 76961
Li, H. *see* Bai, J.Z. 53324
Li, H. *see* Cao, M. 75517
Li, H. *see* Flandrin, E. 48783
Li, H. *see* Li, G. 61849
Li, H. *see* Nikulin, A.D. 83563
Li, H.-Y., Liang, F., Zhao, Y., Lipo, T.A. A doubly salient doubly excited variable reluctance motor 68556
Li, H.-Y.S., Psaltis, D. Three-dimensional holographic disks 64035
Li, H.-Y.S. *see* Psaltis, D. 56490
Li, H.D. *see* Yan, L.G. 83578
Li, H.F., Leung, S.C. An efficient algorithm for the realizability analysis of signal transition graphs 49274
Li, H.F., Leung, S.C., Lam, P.N. Optimised synthesis of delay-insensitive circuits using time-sharing 49237
Li, H.F. *see* Jiang, R.L. 81276
Li, H.F. *see* Lam, P.N. 49242
Li, H.F. *see* Leung, S.C. 55217
Li, H.H. *see* Nachman, R. 81592
Li, H.H. *see* Xue, S.Q. 86846
Li, H.J., Shi, Y.X., Li, M. Measurements of discharge parameters of the ion source at high potential 53281
Li, H.M. *see* Zhang, D.H. 91490
Li, H.S., Chen, Y.W., Wang, K.L., Pan, D.S., Chen, L.P., Liu, J.M. Photocontrolled double-barrier resonant-tunneling diode 56543
Li, H.S. *see* Chen, Y.W. 81295
Li, H.S. *see* Chen, Y.W. 94186
Li, H.S. *see* Jo, J. 49956
Li, H.W. *see* Sharaiha, A. 86521
Li, H.Y., Aggarwal, R.K. An improved modelling technique of a fibre optical digital system for power system protection relay 60001
Li, J. On arrays with small loops and short dipoles 84451
Li, J., Arnold, S., Khan, I.M. Microphase separated mixed (ionic and electronic) conductive or MIEC block copolymers: new concept in electroactive polymers 79994
Li, J., Bosisio, R.G., Ke Wu A collision avoidance radar using six-port phase/frequency discriminator (SPFD) 75611
Li, J., Bosisio, R.G., Wu, K. A six-port direct digital millimeter wave receiver 86069
Li, J., Bosisio, R.G., Wu, K. A simple dual-tone calibration of diode detectors 91954
Li, J., Jaszczak, R.J., Wang, H., Greer, K.L., Coleman, R.E. Determination of both mechanical and electronic shifts in cone beam SPECT 59362
Li, J., Jufer, M. Flux/current method for a switched reluctance motor 89911
Li, J. *see* Chang, C.Y. 93172
Li, J. *see* Javidi, B. 51575
Li, J. *see* Kalnitsky, A. 71269
Li, J. *see* Miura, Y. 55181
Li, J. *see* Spooner, N.J.C. 59151
Li, J. *see* Vas, P. 60503
Li, J. *see* Zhao, X.D. 98840
Li, J.D., Lin, L.Z., Han, S., Wen, H.M. The properties of cold-welded joints between multifilamentary Nb_3Sn wires 93908
Li, J.P. *see* Yih, P.H. 49959
Li, J.S.J., Ramsingh, A. Adaptive median based multi-shell-order-statistics filters for the removal of impulsive noise 96116
Li, J.T. *see* Bai, J.Z. 53324
Li, K. *see* Hasegawa, T. 83783
Li, K. *see* Scheinberg, N. 61835
Li, K.-H. *see* Campbell, J.C. 63560
Li, K.-H. *see* Campbell, J.C. 63591
Li, K.C., So, K.K., Liu, P.C.K. A statistical circuit simulator for designing tunable circuits 70246
Li, K.C. *see* Chan, W.L. 99788
Li, K.C. *see* Chang, V.W.W. 70219
Li, K.C. *see* Cheung, W.P. 64643
Li, K.C. *see* Liu, P.C.K. 85258
Li, K.C. *see* So, A.T.P. 88478
Li, K.F. *see* Dimopoulos, N.J. 97667
Li, K.K., Xia, Y.Q. Considerations for adaptive distance relaying 60002
Li, K.K., Xia, Y.Q. Operating speed and reach accuracy study for a digital distance relaying algorithm 99754
Li, K.K. *see* Chui, A. 60556
Li, K.K. *see* He Jihong 59978
Li, K.K. *see* Wang, F. 56108
Li, K.K. *see* Xia, Y.Q. 78183
Li, K.K. *see* Xia, Y.Q. 99753
Li, L., Chan, C.H., Tsang, L. Numerical simulation of conical diffraction of tapered electromagnetic waves from random rough surfaces and applications to passive remote sensing 73256
Li, L., Chittibabu, K.G., Kumar, J., Tripathy, S.K. Photocrosslinkable conducting polymers as nonlinear optical materials 56915
Li, L., Graham, C.D., Jr. Auger electron spectroscopy (AES) study on fractured rapidly-quenched and sintered NdFeB magnets 50185
Li, L., Haykin, S. A cascaded recurrent neural network for real-time nonlinear adaptive filtering 64472
Li, L. *see* Asano, T. 83560
Li, L. *see* Lin, C.T. 54934
Li, L. *see* Machel, G. 83572
Li, L. *see* Sottos, N.R. 82155
Li, L.-T. *see* Mao, Z. 55443
Li, L.J. *see* Jansen, P.L. 68594
Li, L.K., Wang, W.I., Gaines, J.M., Petruzzello, J., Marshall, T. Some doping results in ZnSe grown by molecular beam epitaxy 55727
Li, L.K. *see* Belloum, A. 70660
Li, L.L. *see* Bai, J.Z. 53324
Li, L.Q., Pan, G.Q., Diao, H.W., Liao, X.B., You, Z.P. Effects of 1 MeV-electron irradiation on a-Si solar cells 100606
Li, L.R. *see* Gu, C.L. 89844
Li, L.W., Kooi, P.S., Leong, M.S., Yeo, T.S. On the eigenfunction expansion of dyadic Green's function in planarly stratified media 64133
Li, L.W., Yeo, T.S., Kooi, P.S., Leong, M.S. Comment on raindrop size distribution model 94800
Li, M. A priority-based 802.4 protocol for the token bus network 85322
Li, M., Johnson, D., Kocur, P., Schailey, R., Servranckx, R., Talman, R., Yan, Y., York, R., Yarba, V. Modification of the short straight sections of the High Energy Booster of the SSC 66789
Li, M. *see* Chen, R.T. 57001
Li, M. *see* Chen, R.T. 72395
Li, M. *see* Hu, Y.Z. 93209
Li, M. *see* Kanamaluru, S. 82336
Li, M. *see* Li, H.J. 53281
Li, M. *see* Nuss, M.C. 56933
Li, M. *see* Yan, Y.T. 66849
Li, M.-Y., Kanamaluru, S., Chang, K. Aperture coupled beam steering microstrip antenna array fed by dielectric image line 73537
Li, M.M., Chen, R.T., Suning Tang, Gerold, D. Angular limitations of polymer-based waveguide holograms for 1-to-many V-shaped surface-normal optical interconnects 72393
Li, M.M., Chen, R.T., Tang, S., Gerold, D. Multiple diffraction of massive fanout optical interconnects based on multiplexed waveguide holograms 82862
Li, M.M. *see* Tang, S. 82858
Li, M.M. *see* Tang, S. 82867
Li, M.Siu *see* Siu Li, M.
Li, M.Y., Heckenberg, N.R. Maps and distributions for $^{15}NH_3$ FIR laser-Lorenz chaos 56615
Li, N. *see* Mao, J.M. 71158
Li, P.C.H. *see* Viens, M. 98322
Li, P.Q. *see* Bai, J.Z. 53324
Li, P.W., Yang, E.S., Yang, Y.F., Chu, J.O., Meyerson, B.S. SiGe pMOSFET's with gate oxide fabricated by microwave electron cyclotron resonance plasma processing 93385
Li, P.W. *see* Qian, J.X. 59888
Li, Q., Kang, W.P., Yaun, M.Y., Zhang, D. Fabrication and characterization of an array of gated avalanche p^+-n^{++} junctions as a microvacuum triode 92880
Li, Q., Yuan, M.Y., Kang, W.P., Tang, S.H., Xu, J.F., Zhang, D., Wu, J.L. Fabrication and characterization of silicon field emission diodes and triodes 62074
Li, Q. *see* Chen, X.F. 83312
Li, Q. *see* Fan, H. 84307
Li, Q. *see* Fenner, D.B. 66347
Li, Q. *see* Wang, J. 52653
Li, Q. *see* Wuosmaa, A.H. 67386
Li, Q. *see* Zhang, H.X. 53225
Li, Q.-A. *see* Brabers, J.H.V.J. 71985
Li, Q.M. *see* Bai, J.Z. 53324
Li, Q.X. *see* Lu, Z.G. 72944
Li, R.B. *see* Bai, J.Z. 53324
Li, S., Healy, D.M., Jr. On a class of discrete Gabor expansions 57602

Li, S., Huang, C.-Y., Bhalla, A.S., Cross, L.E. 90°-domain reversal in $Pb(Zr_xTi_{1-x})O_3$ ceramics 56128
Li, S., Sheen, J., Zhang, Q.M., Jang, S.-J., Bhalla, A.S., Cross, L.E. Quasi lumped parameter method for microwave measurements of dielectric dispersion in ferroelectric ceramics 58956
Li, S., Takahashi, N., Takebe, T. Simplified fast stabilized IIR adaptive filter for a single sinusoid detection 49564
Li, S. *see* Benedetto, J.J. 84275
Li, S. *see* Olson, T. 56917
Li, S.-Q. *see* Chong, S. 64941
Li, S.-Y.R. Formalization of self-route networks and the rotary switch 64922
Li, S.-Y.R. A 100% efficient media-access protocol for multichannel LAN 96750
Li, S.-Y.R., Shum, K.H. Distributed algorithms for flow control and call set-up in a broadband packet network 85868
Li, S.H., Bhattacharya, P.K. Donor-doping characteristics of gas-source molecular beam epitaxial Si and $Si_{1-x}Ge_x$ using phosphine 81432
Li, S.Q. *see* Bai, J.Z. 53324
Li, S.S. *see* Wang, D. 75984
Li, S.S. *see* Wang, Y.H. 87183
Li, S.S. *see* Yeong-cheng Wang 75975
Li, S.Z. A Markov random field model for object matching under contextual constraints 84695
Li, T. *see* Fan, M. 76680
Li, T.-H.S. Estimation of one-dimensional radar tracking via fuzzy-Kalman filter 97379
Li, T.-H.S. *see* Ming-Yuan Shieh 90023
Li, T.H., Kedem, B. Improving Prony's estimator for multiple frequency estimation by a general method of parametric filtering 84438
Li, T.P. *see* Ahlen, S. 98641
Li, T.Y., Zhonggang Zeng The Laguerre iteration in solving the symmetric tridiagonal eigenproblem, revisited 79695
Li, V.O.K. *see* Ammar, M.H. 96819
Li, V.O.K. *see* Banerjee, S. 69649
Li, V.O.K. *see* Chin Yeung Ngo 64956
Li, V.O.K. *see* Khan, I. 96147
Li, V.O.K. *see* Khan, I. 96429
Li, V.O.K. *see* Kuo-Chun Lee 65093
Li, V.O.K. *see* Kuo-Chun Lee 65290
Li, W., Mateo, F.X. Segmentation based coding of motion compensated prediction error images 85024
Li, W., Zhang, Y.-Q. New insights and results on transform domain VQ of images 85063
Li, W. *see* Bai, J.Z. 53324
Li, W. *see* Karakucuk, M. 61950
Li, W. *see* Karakucuk, M. 80720
Li, W. *see* Salari, E. 95145
Li, W. *see* Teitsworth, S.W. 62264
Li, W. *see* Xu, L.A. 66770
Li, W.G. *see* Bai, J.Z. 53324
Li, W.Q. *see* Thayne, I. 93502
Li, W.Z. *see* Wang, J.I. 71974
Li, X., Cai, W., Marani, R., Lax, M. External optical feedback for exciton-phonon systems in optical cavities 83298
Li, X., Lai, R., Dillon, T.S. A new decomposition method to relieve the state space explosion problem 65050
Li, X., Pan, K. Asymptotic behavior of orthogonal polynomials corresponding to measure with discrete part off the unit circle 79666
Li, X., Wang, Y., Wang, W.I. The integration of a novel punch-through heterojunction phototransistor with a compatible MODFET 72598
Li, X. *see* Cennini, P. 76755
Li, X. *see* Hsu, J.-T. 62994
Li, X. *see* Jimenez, J.L. 49799
Li, X. *see* Tsuo, Y.S. 100472
Li, X.-Y., Malik, O.P. Control scheme for emergency state control of interconnected power systems with multistage recursive least-squares identification 53661
Li, X.A., Rogers, D.W.O. Reducing electron contamination for photon beam-quality specification 67617
Li, X.D., Higashino, T., Taniguchi, K. Automatic derivation of test cases for LOTOS expressions with data parameters 96620
Li, X.J., Meijer, G.C.M. A novel smart resistive-capacitive angular PSD 97920
Li, X.R. The PDF of nearest neighbor measurement and a probabilistic nearest neighbor filter for tracking in clutter 74118
Li, X.R., Bar-Shalom, Y. A recursive multiple model approach to noise identification 73954
Li, X.R., Bar-Shalom, Y. Detection threshold selection for tracking performance optimization 73958
Li, X.R., Bar-Shalom, Y. Design of interacting multiple model algorithm for tracking in air traffic control systems 77205
Li, X.S. *see* Yan, L.G. 83578
Li, X.Y. *see* Fredricksen, H. 56190
Li, X.Y. *see* Lin, H. 71899
Li, X.Y. *see* Yan, L.G. 83578
Li, Y., Adams, D.J. Experimental studies on the performance of $Hg_{0.8}Cd_{0.2}Te$ photoconductors operating near 200 K 52854
Li, Y., Ding, Z. Blind channel identification based on second order cyclostationary statistics 84403
Li, Y., Mahajan, R.L., Tong, J. Design factors and their effect on PCB assembly yield-statistical and neural network predictive models 62008
Li, Y., Takada, T. Progress in space charge measurement of solid insulating materials in Japan 98293
Li, Y., Wang, W., Pan, Z.G., Sharony, J. Free-space optical implementations of connectivity-enhanced mesh-based networks 82787
Li, Y., You, B., Zhang, L., Yao, X. Automatic ellipsometry measurement for anisotropic materials 58990
Li, Y. *see* Marsh, C.D. 81446
Li, Y. *see* Wang, J.-M. 82776
Li, Y. *see* Zhao, Y. 60364
Li, Y. *see* Zhi Ding 64254
Li, Y.-D. *see* Luo, F.-L. 74110
Li, Y.-M., Jackson, F., Arya, R.R. A study of amorphous silicon-carbon alloy solar cells 100532
Li, Y.F. A proximity sensor and its application in real-time robot control 66413
Li, Y.F. Characteristics and signal processing of a proximity sensor 76007
Li, Y.J. *see* Zhu, X. 72204
Li, Y.L., Liu, C.H. Simplified Green's functions for calculating capacitance and inductance of multiconductor transmission lines in multilayered media 51164
Li, Y.M., Fouladgar, J. The control of temperature in an induction heating system by a LF generator 90653
Li, Y.M., Fouladgar, J., Develey, G. Inverse problem methodology in an induction heating system 90649
Li, Y.M. *see* Arya, R.R. 90414
Li, Y.M. *see* Arya, R.R. 100522
Li, Y.M. *see* Dawson, R.M.A. 100696
Li, Y.M. *see* Gunes, M. 92916
Li, Y.Q. *see* Ping Li 62697
Li, Y.X., Wolffenbuttel, M.R., French, P.J., Laros, M., Sarro, P.M., Wolffenbuttel, R.F. Reactive ion etching (RIE) techniques for micromachining applications 55782
Li, Y.X. *see* Lee, S.I. 95146
Li, Y.Y. *see* Sharma, P.L. 70759
Li, Y.Z., David, A.K. Optimal multi-area wheeling 59772
Li, Y.Z., David, A.K. Wheeling rates of reactive power flow under marginal cost pricing 89184
Li, Y.Z. *see* David, A.K. 59831
Li, Y.Z. *see* Rioux, D. 55762
Li, Z., Eremin, V., Strokan, N., Verbitskaya, E. Investigation of the type inversion phenomena: resistivity and carrier mobility in the space charge region and electrical neutral bulk neutron irradiated silicon p^+-n junction detectors 76763
Li, Z., Evans, R.J. Optimal filtering, prediction and smoothing of hidden Markov models 73989
Li, Z. *see* Ai, J. 82871
Li, Z. *see* Ai, J. 82872
Li, Z. *see* Biggeri, U. 88056
Li, Z. *see* Biggeri, U. 98598
Li, Z. *see* Eremin, V. 98607
Li, Z. *see* Kenny, P. 84115
Li, Z. *see* Wang, Z. 49259
Li, Z.-N., Zhang, D. Real-time line-based motion stereo 51693
Li, Z.C., Suen, C.Y., Guo, J. Hierarchical models for analysis and recognition of handwritten characters 57704
Li, Z.C. *see* Suen, C.Y. 64581
Li, Z.F. *see* Qu, X.-X. 54943
Li, Z.J., Gao, X.R. Network model for the high-voltage two-channel LDD-LDMOS transistor and its implementation in the circuit simulator 80108
Li, Z.S., Cai, W.Z., Su, R.Z., Dong, G.S., Huang, D.M., Ding, X.M., Hou, X.Y., Xun Wang S_2Cl_2 treatment: a new sulfur passivation method of GaAs surface 62496
Li, Z.S. *see* Cai, W.Z. 79851
Li, Z.X. *see* Bai, J.Z. 53324
Li Aizhen *see* Aizhen Li
Li Anli *see* Zhu Shengyun 88331
Li Bei *see* Bei Li
Li Bingchen *see* Bingchen Li
Li Bingcheng *see* Bingcheng Li
Li Bingzong *see* Bingzong Li
Li Bo *see* Bo Li
Li Cao *see* Ling Lin 63681
Li Chen Gradually varied surface and its optimal uniform approximation 64668
Li Chen *see* Ching-Mei Yang 72597
Li Cheng *see* Han Jiaxiang 98648
Li Cheng Chung *see* Cheng Chung Li
Li Cheng-Zhang, Lodder, J.C., Szpunar, J.A. The development of texture in Co-Cr films 72048
Li Chenglin *see* Zhang Jian 88589
Li Chi-Hung *see* Chi-Hung Li
Li Chieh-Chih *see* Chieh-Chih Li
Li Ching-Chung *see* Ching-Chung Li
Li Chong, Watson, G.A. On approximation using a peak norm 61143
Li Chong *see* Chong Li
Li Chongjian, Wang Xiangheng, Li Fahai, Gao Jingde, Ding Yunshi, Kulig, T.S. Dynamic performances of the field-oriented control cycloconverter-fed synchronous machine 89913
Li Chongjian, Zhu Chunyi, Li Yaohua Modelling and simulation of AC/AC field-oriented control system of synchronous motor 89912
Li Chuan-Ming *see* Chuan-Ming Li
Li Chun, Liu Mingye, Wu Cangpu A scheduling algorithm for the behavioral synthesis of ASICS 80042
Li Chunfei *see* Chunfei Li
Li Chung-Sheng *see* Chung-Sheng Li
Li Chunguang *see* Huang Yizhuang 99751
Li Chunming *see* Gao, X.M. 95447
Li Chunming *see* Gao Xiao Ming 86741
Li Chunming *see* Guo Shize 97866
Li Chunsheng, Li Jingwen, Zhou Yinqing, He Junxiang Space-time two-dimensional signal processing based on the SVD of a data matrix 84563
Li Cui *see* Cui Li
Li Cunming *see* Gao Xiaoming 92309
Li Daiqing *see* Daiqing Li
Li Dalin *see* Zhu Mingzhe 68116
Li De-hua *see* De-hua Li
Li Debiao *see* Debiao Li
Li Dejiang *see* Chen Shaoneng 88173
Li Delin *see* Xiong Shaozhen 71675
Li Deng A statistical model for formant-transition microsegments of speech incorporating locus equations 57422
Li Deng Integrated optimization of dynamic feature parameters for hidden Markov modeling of speech 64325
Li Deng A theory on optimal construction of dynamic features of speech for HMM-based speech recognition 95313
Li Deng, Aksmanovic, M., Xiaodong Sun, Wu, C.F.J. Speech recognition using hidden Markov models with polynomial regression functions as nonstationary states 95238
Li Deng, Braam, D. Context-dependent Markov model structured by locus equations: applications to phonetic classification 95263
Li Deng, Sun, D.X. A statistical approach to automatic speech recognition using the atomic speech units constructed from overlapping articulatory features 57416
Li Di *see* Chen Anshi 80379
Li Dong-Kui, Chi Hang-Zhong A new algorithm for reliability evaluation of three-state device complex networks: minimal cut-minimal path method 61046
Li Dongfeng *see* Dongfeng Li
Li Dongsheng *see* Dongsheng Li
Li Duolu *see* Duolu Li
Li Fa Hai *see* Fa Hai Li
Li Fahai *see* Li Chongjian 89913
Li Fahai *see* Li Yaohua 100087
Li Fahai *see* Li Yaohua 100248
Li Fahai *see* Li Yong 100831
Li Fahai *see* Wang Xiangheng 89903
Li Fahai *see* Fahai Li
Li Feng *see* Wu Jianmin 63258
Li Fenglin *see* Fenglin Li
Li Fu *see* Fu Li
Li Fu-Ming *see* Fu-Ming Li
Li Fuk *see* Fuk Li
Li Fung Chang *see* Ariyavisitakul, S. 75260
Li Fung Chang *see* Ariyavisitakul, S. 86179
Li Gang, Feng Jing, Lin Ling, Yu Qilian Fast realization of the LADT ECG data compression method 53425
Li Gao *see* Bandler, J.W. 49051
Li Gengyin, Chen Zhiye, He Fufa A versatile digital simulation and harmonic analysis program for AC/DC power systems 53680
Li Gengyin, Chen Zhiye, He Fufa A versatile digital simulation and harmonic analysis program for AC/DC power systems 99519
Li Gengyin, Kang Qingping, Gao Shu, Liu Shude, Xue Peiqing PSSSA—a practical software package for power system steady-state security analysis 89052
Li Guang *see* Chen Yuquan 98161
Li Guangxi, Xiong Manli Changing topological artificial neural network for load forecasting 53724
Li Guangyou, Wang Jiamin, Xu Yanliang, Meng Chuanfu, Hu Songyao Problems and strategies on induced excitation system 89892
Li Gui-Qing *see* Gui-Qing Li
Li Guo *see* Guo Li
Li Guogang *see* Guogang Li
Li Guojie, Sun Yuanzhang, Lu Qiang Signal Processor Multi-Functions Electric Variable Transducer 75929
Li Guoqing Study on prediction control for transient stability of power systems 77982
Li Guoqing, Wang Xiang A new active power corrective control algorithm based on sensitivity method 89116
Li Guoxing *see* Pan Ji 72412
Li Guoxiu, Zheng Fungshi Direct approach to identification of synchronous machine parameters in continuous-time models 100094
Li Guozheng *see* Guozheng Li
Li Haibo *see* Haibo Li
Li Haisen *see* Haisen Li
Li Haisheng *see* Huang Dingcheng 99665
Li Haizhou *see* Haizhou Li
Li Han *see* Xiao Tong 81230
Li Hanjun *see* Hanjun Li

Li Hao *see* Wang Shuicai 72770
Li He *see* Ding, J. 72870
Li He *see* Salokatve, A. 72873
Li Hong The design of air gap sensor for levitation system 90602
Li Hong, Guo Shaozhang, Chen Fanxin, Zhou Dingwen, Wan Liangfeng $LiF:F_2^+$ color center tunable laser operated at room temperature 56733
Li Hong *see* Li Ying 80703
Li Hong *see* Hong Li
Li Hong-Shuo *see* Hong-Shuo Li
Li Hongguo *see* Luo Yingli 89740
Li Hongguo *see* Luo Yingli 89741
Li Hongpu *see* Ai Jun 56498
Li Hongpu *see* Luo Fengguang 56500
Li Hongpu *see* Hongpu Li
Li Houqiang *see* Houqiang Li
Li Hsueh-Jyh *see* Hsueh-Jyh Li
Li Hua *see* Hua Li
Li Huai Dong *see* Huai Dong Li
Li Huan-Bang *see* Huan-Bang Li
Li Huang Huei *see* Huei Li Huang
Li Huanyi *see* Zhu Kunlun 66402
Li Hui *see* Jiang Wen 95901
Li Hui *see* Hui Li
Li Hui-Feng *see* Hui-Feng Li
Li Hui-Zhen *see* Hui-Zhen Li
Li Hungwen *see* Hungwen Li
Li Ji *see* Ji Li
Li Jia *see* Jia Li
Li Jian *see* Jian Li
Li Jianhua *see* Jianhua Li
Li Jianlin *see* Jianlin Li
Li Jianmeng *see* Jianmeng Li
Li Jianming, Yang Jinping Insulation parameters on-line measurement system of HV power equipment 89780
Li Jianming *see* Jianming Li
Li Jianping *see* Jianping Li
Li Jianshi *see* Jianshi Li
Li Jianxin *see* Gao Tie 64235
Li Jianxin *see* Gao Tie 73542
Li Jie, Lai lieen A new method for calculating the temperature field distribution of large hydrogenerator 89729
Li Jie Gu *see* Jie Gu Li
Li Jiegu *see* Deng Yanping 74425
Li JieGu *see* Gu SiYang 95919
Li Jiegu *see* Jiegu Li
Li Jiin Wen *see* Jiin Wen Li
Li Jin, Lin Xinggang, Wu Youshou Color image sequence coding with variable block size motion compensation 74427
Li Jin *see* Jin Li
Li Jin Ru *see* Jin Ru Li
Li JingFeng *see* Wang Xin-yun 84170
Li Jinghui *see* Jinghui Li
Li Jingsheng A study of the effects of 500 kV grid construction on the Jiangsu power system operation and development 53592
Li Jingui *see* Jingui Li
Li Jingwen *see* Li Chunsheng 84563
Li Jingyun *see* Jingyun Li
Li Jiunn-Jian *see* Jiunn-Jian Li
Li Jiusheng *see* Ran Shucheng 90555
Li Jiusheng *see* Ran Shucheng 100154
Li Juan *see* Xue Yusheng 53681
Li Jun *see* Jun Li
Li Jung-Chien *see* Jung-Chien Li
Li Junhui *see* Junhui Li
Li Kam Wa, P., Sheik-Bahae, M., Wang, H.S., Chai, B.H.T., Miller, A. Ultrashort pulse generation from Cr^{3+} doped colquiriite lasers 72776
Li Kam Wa, P. *see* Thirstrup, C. 50580
Li Kang *see* Kang Li
Li Ke-Jie *see* Jia Yun-De 97977
Li Kelan *see* Kelan Li
Li Kun-Hsi *see* Kun-Hsi Li
Li Kuo-Bin *see* Kuo-Bin Li
Li Lan-Di *see* Lan-Di Li
Li Lang *see* Asano, T. 83569
Li Langru *see* Gu Chenglin 78591
Li Lemin *see* Sun Hairong 74931
Li Li-Mei *see* Zang Li-Peng 73912
Li Li-Mei *see* Zhang Li-Peng 84175
Li Liang *see* Heremans, G. 82444
Li Liang *see* van Bockstal, L. 83535
Li Liang *see* Liang Li
Li Lihua *see* Xie Jialin 72933
Li Lihua *see* Lihua Li
Li Lin *see* Lin Li
Li Ling *see* Guo Jian-En 86488
Li Ling *see* Guo Jianen 82601
Li Linlin The lower limit of the frequency detuning for an injection-locked semiconductor laser 94518
Li Linlin *see* Linlin Li
Li Liyuan, Chen Weinan, Gong Jian An active edge detection approach 74429
Li Lohming *see* Lohming Li
Li Long *see* Long Li
Li Lu-wei *see* Lu-wei Li
Li Ma *see* Ma Li
Li Minan *see* Minan Li
Li Ming *see* Huang Ronghua 54253
Li Ming *see* Ming Li
Li Ming Jun *see* Ming Jun Li
Li Ming-Yi *see* Ming-Yi Li
Li Mingchu *see* Mingchu Li
Li Mingming *see* Mingming Li
Li Minqian *see* Minqian Li
Li Nan *see* Nan Li
Li Nanyang *see* Nanyang Li
Li Ning *see* Wang Jing 89724
Li Pai-Chi *see* Pai-Chi Li
Li Pao *see* Yin Wenyan 94997
Li Ping *see* Greer, N.P.J. 49526
Li Ping *see* Ping Li
Li Ping-Chung *see* Ping-Chung Li
Li Qi *see* Qi Li
Li Qiang, Zhang Qingchuan Design and implementation of data encryption system based on Netbios in Novell Network 85662
Li Qiang *see* Zhang Huixing 98492
Li Qiang *see* Qiang Li
Li Qihu *see* Qihu Li
Li Qing, Ye Peida Analysis of stability of an optical phase-locked loop 86489
Li Qing, Ye Peida An experimental optical PSK homodyne system using phase-locked 1551-nm semiconductor lasers 86490
Li Qing *see* Qing Li
Li Qingquan, Guo Li Intelligent PID regulator 53965
Li Qingzhen *see* Wang Yanchun 60083
Li Qiong *see* Qiong Li
Li Qisheng *see* Qisheng Li
Li Qiu Ping *see* Qiu Ping Li
Li Qu *see* Qu Li
Li Quinn *see* Quinn Li
Li Ran *see* Ran Li
Li Ren *see* Ren Li
Li Ren-Jun *see* Ren-Jun Li
Li Renxiang *see* Renxiang Li
Li Renxing *see* Yu Jinxiang 53244
Li Renyuan *see* Renyuan Li
Li Reoxiang *see* Reoxiang Li
Li Rongxing *see* Rongxing Li
Li Ru-Xin *see* Xu Zhi-Zhan 82890
Li Rue-Ding *see* Rue-Ding Li
Li Rui *see* Rui Li
Li Ruigang, Qi Suqin, Wang Zhanguo GaAs very high speed voltage comparator and a new design by means of LT MBE GaAs buffer layer 80413
Li Ruitang, Ma Jianyue, Lu Kui The study of the target height measurement by the bistatic system 98299
Li Runqi, Gao Baoxin Calculating the scatter parameter of the complex resonant system 91775
Li Ruo-Ding *see* Ruo-Ding Li
Li Ruqi *see* Ruqi Li
Li San-Qi *see* San-Qi Li
Li Shang *see* Shang Li
Li Shao-Hong *see* Shao-Hong Li
Li Shaobin *see* Zhang Ye 85201
Li Shaohong *see* Shaohong Li
Li Shaoping *see* Shaoping Li
Li Shaoqing *see* Shaoqing Li
Li Shaozhong *see* Shaozhong Li
Li Shenjun, Liu Lin, Jiang Yandao, Jiang Xiaobo, Wu Xing Growth and characteristics of Mg_2SiO_4:Ti crystal 50770
Li Shenping, Pons, R., Orriols, G. The analysis on the stability and dynamic response of the laser with a bistable mirror 94634
Li Shenping, Pons, R., Zhang Yizhou Dynamic model and stability analysis of a laser using a nonlinear Fabry-Perot etalon as a cavity mirror 83197
Li Shenping *see* Shenping Li
Li Shi-Jie *see* Shi-Jie Li
Li Shisheng, Dai Qingzhong Review and prospect for hydro generator technology development in Dongfang Electrical Machinery Works 89710
Li Shizhe *see* Shizhe Li
Li Shizhi *see* Zhang Li 95034
Li Shou-Tian *see* Shou-Tian Li
Li Shoufu *see* Shoufu Li
Li Shuozhong *see* Shen Dingyu 87769
Li Shurong *see* Guo Weilian 93350
Li Sichao *see* Lue Shanwei 95033
Li Sichun *see* Sichun Li
Li Siyuan, Liu Su, Yang Jianhong, Sang Baosheng, Liu Ruixi Study of 40A/1000V static induction thyristor (SITH) 100223
Li Siyuan, Yang Jianhong, Liu Su, Liu Ruixi, Sang Baosheng Control of the electrical performance of bipolar-mode static induction transistor (BSIT) 80105
Li Siyuan, Yang Jianhong, Liu Su, Liu Ruixi, Sang Baosheng Design of the field-limiting-rings (FLR) in static induction device (SID) 81928
Li Siyuan *see* Liu Su 81848
Li Sufen, Xu Shiming, Cui E Nuclear heat and electricity coproduction system and analysis & optimization of steam assignation scheme 78312
Li Ta-Hsin *see* Ta-Hsin Li
Li Tao *see* Tao Li
Li Tian *see* Tian Li
Li Tianyun, Quan Yusheng, Zhang Yuhui, Liu Guang The application of grey extra-deleting control theory in the stable control of generators 89049
Li Tiejin *see* Tiejin Li
Li Ting *see* Gao Yuzhi 61365
Li To-Sing *see* To-Sing Li
Li Wang, Ching-Huei Lee Damping subsynchronous resonance using modal-control NGH SSR damping scheme. II. Two-machine common-mode study 89122
Li Wang, Ching-Huei Lee Damping common-mode torsional oscillations using static phase shifters 89123
Li Wang, Ching-Huei Lee Application of dynamic resistance braking on stabilizing torsional oscillations 89127
Li Wang, Ching-Huei Lee, Yung-Shan Wang Steady-state stability analysis of a parallel AC-DC power system containing a static VAr compensator 99520
Li Wang, Ioi Keong Ung, Ching-Huei Lee Damping subsynchronous resonance using modal-control NGH SSR damping scheme. I. Single-machine study 89121
Li Wang, Ming-Yang Huang, Ching-Huei Lee Suppression of subsynchronous resonance using phase shifter controller 89124
Li Wang, Shin-Muh Lee, Ching-Huei Lee Application of superconductive magnetic energy storage unit on damping subsynchronous resonance 89126
Li Wang, Yuk-Tong Lee, Ching-Huei Lee Steady-state stability analysis of a power system containing power system stabilizers and SMES controllers: a comparative study 89119
Li Wang *see* Barbier, P.R. 56442
Li Wang *see* Dong-Chen He 67774
Li Wang *see* Wang Li
Li Wei, Deng Shu-Guang A new selective retransmitted ARQ system 84005
Li Wei *see* Wei Li
Li Wei-Liang *see* Lin Wei-Zhu 50751
Li Wei-Liang *see* Wei-Liang Li
Li Wei-Ying *see* Wei-Ying Li
Li Weidan *see* Weidan Li
Li Weidong *see* Weidong Li
Li Weimin *see* Chen Guangju 91796
Li Weiping *see* Weiping Li
Li Weiqiang *see* Dong Youmei 81802
Li Wen-Lian *see* Wen-Lian Li
Li Wengping *see* Yuan Bin 53606
Li Wenjing *see* Chen Junbi 96639
Li Wenyan, Wang Yaqin, Sun Zhaoxing The three-dimensional calculation of turbulent flow, combustion and heat transfer in utility boiler furnace 53916
Li Wu *see* Wu Li
Li Xiang-Ming *see* Xiang-Ming Li
Li Xiangying *see* Xiangying Li
Li Xianjie, Zhou Jianliang, Qiu Shoukang The first national intercomparison of radon integrating detectors in radon chamber 87980
Li Xiao-Lei *see* Xiao-Lei Li
Li Xiaodong *see* Purvis, M. 50621
Li Xiaokui, Jiang Fan Enhancement of transient stability using Superconducting Magnetic Energy Storage 99512
Li Xiaokui *see* Jiang Fan 89823
Li Xiaonan *see* Xiaonan Li
Li Xiaoping *see* Xiaoping Li
Li Xiaoqin *see* Xiaoqin Li
Li Xiaosong *see* Xiaosong Li
Li Xiaowei *see* Xiaowei Li
Li Xiaoyong *see* Xiaoyong Li
Li Xiaoyu *see* Xiaoyu Li
Li Xin *see* Li Ying 80703
Li Xin *see* Xin Li
Li Xing *see* Xing Li
Li Xing Chang *see* Xing Chang Li
Li Xing-Yuan *see* Xing-Yuan Li
Li Xing-Zhong *see* Xing-Zhong Li
Li Xingguo, Tao Yuming, Xue Xiaoqin, Qian Yuangin, Xu Zianzhong Extremely short-range radar in 3 millimeter wave band 86580
Li Xingshan *see* Xingshan Li
Li Xingyuan Digital simulation study of asynchronous and resynchronous operation in power systems 77934
Li Xingyuan, Wang Guide, Liu Junyong Models of multimachine power systems for stability and control studies 77938
Li Xingyuan *see* Hong Jiarong 91335
Li Xintang *see* Liu Suying 54004
Li Xinwan, Xu Deming, Wu Kequin, Song Liepu, Wu Xiangyin The study of laser controlled semiconductor loaded waveguide switch 92496
Li Xiulian, Qi Linsheng A study on the class F insulation system of large hydro generator stator winding 89726
Li Xiuming, Liu Xianchao, Liu Qu The design and implementation of time-controller in supervisory computer control system 87028
Li Xiuzhi *see* Xiuzhi Li
Li Xixiong, Zeng Xian yun, Chen Waner, Tang Shengzong, Liu Wei, Ou Yuanjiang Research on decoupled mean-value PWM speed-adjusting control system 100152
Li Xuetai *see* Shuai Zhiming 53917
Li Yabo *see* Yabo Li
Li Yajun *see* Yajun Li
Li Yan Adaptive spatial-temporal postprocessing for low bit-rate coded image sequence 64654
Li Yan, Taha, H.A., Landers, T.L. A recursive approach for enumerating minimal cutsets in a network 91127

Li Yan, Yuan-Qun Liu, Lee, C.H. Pulse temporal and spatial chirping by a bulk Kerr medium in a regenerative amplifier 83307
Li Yan *see* Yang Junyou 90065
Li Yan *see* Zhai Ruoyan 89586
Li Yan-Da *see* Luo Fa-Long 55336
Li Yan-Da *see* Luo Fa-Long 80510
Li Yan-Da *see* Yan-Da Li
Li Yan-Jie *see* Yan-Jie Li
Li Yang *see* Haglund, R.F., Jr. 72363
Li Yangxian *see* Ju Yulin 79811
Li Yanhang *see* Yanhang Li
Li Yao *see* Yao Li
Li Yao-Hua *see* Ma Da-Ming 100088
Li Yao-Lin *see* Xu Zhi-Zhan 82890
Li Yaohua, Li Fahai, Wang Xiangheng, Gao Jingde The steady analysis of synchronous motor fed by cycloconverter 100087
Li Yaohua, Li Fahai, Zhu Chunyi The simulation of three phase cycloconverter loaded by RL 100248
Li Yaohua *see* Li Chongjian 89912
Li Yih-Lang *see* Yih-Lang Li
Li Ying, Ongge, Li Xin, Li Hong Stabilized millimeter oscillators employing planar and quasi-optic image whispering gallery mode disc dielectric resonators 80703
Li Ying *see* Ying Li
Li Yingxue *see* Wang Yangyuan 82081
Li Yong, Huang Lipei, Li Fahai All digital space vector PWM induction motor drive based on flux control 100831
Li Yong *see* Zhou Zhao-Ying 95488
Li Yong Chol *see* Yong Chol Li
Li Yong-Ming *see* Yong-Ming Li
Li Yongdong, Shao Jianwen A survey of progress in AC motor control and speed sensorless drive 89989
Li Yongdong *see* Cao Jiangtao 100115
Li Yongdong *see* Ji Zhiyan 100814
Li Yongdong *see* Yongdong Li
Li Yonggui *see* Xie Jialin 72933
Li You *see* Hart, R.C. 83335
Li Youli *see* Youli Li
Li Youming, Bao Zheng A fast high resolution technique based on the subspace iteration 64411
Li Yu *see* Nie Caitao 74983
Li Yu *see* Wei Guang-Pu 100468
Li Yu *see* Yu Li
Li Yu Cao, Fa Hai Li Damper windings in synchronous machines fed by a current-source inverter 89875
Li Yu-Miao *see* Yu-Miao Li
Li Yuan-Liang *see* Yuan-Liang Li
Li Yuan-Min *see* Yuan-Min Li
Li Yuanqing A theoretical formulation for the distribution density of multipath delay spread in a land mobile radio environment 65662
Li Yuanxing *see* Wang Xinmei 73601
Li Yuet *see* Yuet Li
Li Yuliang *see* Huang Zhenli 98346
Li Yulin *see* Zhao Mingjun 56294
Li Yunqing, Tang Xiangyun, Ma Jusheng, Huang Le Isothermal shear low-cycle fatigue behaviour of 62Sn-36Pb-2Ag surface mount solder joints 70166
Li Yupu *see* Yupu Li
Li Yusheng, Zhang Xinyu Be discreet to develop amorphous transformers 68686
Li Yuxin *see* Yuxin Li
Li Zaiguang *see* Ai Jun 56498
Li Zaiguang *see* Ai Jun 91682
Li Zaiguang *see* Hao Jianhua 98003
Li Zaiguang *see* Zhou Fangqiao 52865
Li Ze-Nian *see* Ze-Nian Li
Li Zenghai *see* Zenghai Li
Li Zhan-Ming *see* Zhan-Ming Li
Li Zhang *see* Xing-Zhong Li 88162
Li Zhang *see* Zhang Li
Li Zhao, Tong, L.S., Carter, R.G. The influence of boundary conditions on resonant frequencies of cavities in 3-D FDTD algorithm using non-orthogonal co-ordinates 83762
Li Zhaohui *see* Zhaohui Li
Li Zhaoji, Zhang Min Charge-based model of turn-off transient characteristics of hybrid LIGBT/LDMOS transistor 81763
Li Zhaoping *see* Zhaoping Li
Li Zhen *see* Zhen Li
Li Zheng *see* Zheng Li
Li Zheng-Fan *see* Zheng-Fan Li
Li Zhengfan *see* Mao Junfa 51150
Li Zhenguo *see* Zhenguo Li
Li Zhenhua *see* Zhenhua Li
Li Zhi-Yong *see* Zhi-Yong Li
Li Zhilu *see* Zhilu Li
Li Zhiquan *see* Zhiquan Li
Li Zhongcheng *see* Zhongcheng Li
Li Zhou *see* Bai, J.Z. 53324
Li Zhou *see* Pramanik, D. 71416
Li Zhu *see* Zhao Bin 56301
Li Zigao *see* Tan Kaisheng 55028
Li Ziyuan *see* Ziyuan Li
Li Zongmin *see* Liu Fangxin 56366
Li Zongwei *see* Yang Yongfeng 98553
Li Zuhua Testing and analysing of GaAs power MESFET's thermal resistance 81955
Li-Dong Cai, Mayhew, J. Estimating mean disparity of stereo images using shift-trials of phase differences 84661
Li-Hong Xu, Lees, R.M., Moruzzi, G. An automated two-channel wavenumber calibration program for a diode laser system 83236
Li-Huang Lin *see* Lin Li-Huang
Li-Jian Meng, dos Santos, M.P. Direct current reactive magnetron sputtered zinc oxide thin films—the effect of the sputtering pressure 91597
Li-Jie Chen *see* Chen Li-Jie
Li-Mei Li *see* Li Li-Mei
Li-Ming He *see* De-Gui Sun 72504
Li-Ming He *see* De-Gui Sun 94228
Li-Peng Zang *see* Zang Li-Peng
Li-Peng Zhang *see* Zhang Li-Peng
Li-Qing Zhang *see* Zhang Li-Qing
Li-Qiong Wang *see* Hui-Feng Li 81994
Li-Ren Liu, Du, D.H.C., Hsi-Chuan Chen An efficient parallel critical path algorithm 61480
Li-Wu Yang *see* John, E. 61917
Liabin, N.A. *see* Zubov, V.V. 94347
Liah Lih-Wen *see* Lih-Wen Liah
Lian, B., Salama, M.M.A. An overview of digital fault location algorithms for power transmission lines using transient waveforms 53810
Lian, F.Z., Pourarian, F., Simizu, S., Sankar, S.G., Wallance, W.E. Investigation of Pr-Fe-B magnets with high performance 71931
Lian, G.J. *see* Zhu, X. 72204
Lian, J., Shiosaki, T. Pyroelectric properties of lead zirconate titanate based ceramics with a rhombohedral ferroelectric phase transition 63075
Lian Guan *see* Xiaolin Wu 57361
Lian Guangbin *see* Guangbin Lian
Lian Yingwu *see* Yingwu Lian
Lian Yong *see* Yong Lian
Lian-Gen Liu *see* Liu Lian-Gen
Lian-Xing Jia *see* Jia Lian-Xing
Lianbo Jiao *see* Jiao Lianbo
Liang, A. *see* Litva, J. 95019
Liang, B.W. *see* Chen, W.M. 71098
Liang, B.W. *see* Houng, Y.M. 54914
Liang, B.W. *see* Houng, Y.M. 56818
Liang, C., Sun, F.P., Roger, C.A. Development of an actuator power factor meter for experimental determination of the optimal actuator location on complex structures 90330
Liang, C., Sun, F.P., Rogers, C.A. Investigation of the energy transfer and consumption of adaptive structures 71877
Liang, C. *see* Fan, M. 76680
Liang, C. *see* Sun, F.P. 82203
Liang, C. *see* Zhang, L. 94713
Liang, C.-K. *see* Wu, L. 50141
Liang, C.-T. *see* Frost, J.E.F. 62910
Liang, C.H. *see* Cui, T.J. 57085
Liang, C.H. *see* Cui, T.J. 59405
Liang, C.H. *see* Cui, T.J. 73279
Liang, C.H. *see* Cui, T.J. 88732
Liang, C.P. *see* Chang, P. 86961
Liang, D., Monteiro, L.F., Monteiro, M.L.F., Culshaw, B. A simple fiber-optic silicon impact sensor for smart skins applications 52936
Liang, D.T.W. *see* Virk, G.S. 60502
Liang, F., Novotny, D.W., Fei, R., Xu, X. Selection of the pole number of induction machines for variable speed applications 69050
Liang, F. *see* Li, H.-Y. 68556
Liang, G. *see* Wilkes, D.M. 51463
Liang, G.-C., Shih, C.F., Withers, R.S., Cole, B.F., Johansson, M.E., Suppan, L.P. Superconductive digital instantaneous frequency-measurement subsystem 98254
Liang, G.-C., Zhang, D., Shih, C.F., Withers, R.S., Johansson, M.E., Ruby, W., Cole, B.F., Krivoruchko, M., Oates, D.E. High-power HTS microstrip filters for wireless communication 80599
Liang, G.-C. *see* Withers, R.S. 93976
Liang, G.N. *see* Bai, J.Z. 53324
Liang, J., Deen, M.J. Parameter extraction and modelling of short-channel LDD MOSFETs for VLSI applications 93384
Liang, J. *see* Bouadma, N. 94304
Liang, J.-L., Nikles, D.E. Amine-quinone polyurethanes as binders for metal particle tape 50285
Liang, J.H. *see* Jiang, S.H. 88061
Liang, J.J., Ballantyne, J.M. Self-aligned dry-etching process for waveguide diode ring lasers 94521
Liang, J.W. *see* Pati, Y.C. 71482
Liang, M. *see* Zuo, M.J. 61031
Liang, M.J., Siu, G.G., Chan, K.S. A resonant-tunnelling electron wavesplitter 71552
Liang, M.S. *see* Chen, C.W. 81572
Liang, R., Dewan, S.B. Modelling and control of magnet power supply system with switch-mode ripple regulator 68782
Liang, R.-H., Hsu, Y.-Y. Scheduling of hydroelectric generations using artificial neural networks 99967
Liang, S. *see* Yuang, M.C. 74685
Liang, S.T.Y. *see* Ng, J.M. 65816
Liang, T.J., Hoft, R.G. Walsh function method of harmonic elimination 60357
Liang, W. *see* Nye, J.F. 94982
Liang, W.-C. *see* Feijoo, D. 71355
Liang, Y. *see* Carroll, D.L. 93267
Liang, Y.C., Oruganti, R., Oh, T.B. Design optimisation of power MOSFET for high frequency synchronous rectification 80132
Liang, Y.C. *see* Lee, T.K. 93365
Liang, Y.H., Abelson, J.R. Posthydrogenation study of a-Si films grown by reactive magnetron sputtering 91616
Liang, Y.L. *see* Ma, B.M. 71980
Liang, Y.P. *see* Tang, Y.Q. 83440
Liang, Z. Detector response restoration for high resolution positron emission tomography 59290
Liang, Z. *see* Wu, J. 99752
Liang Boon *see* Boon Liang
Liang Changhong, Guan Boran The statistics constraint of characteristic phase for lossy networks's parameters 91690
Liang Changhong *see* Cui Tiejun 64121
Liang Changhong *see* Cui Tiejun 64122
Liang Changhong *see* Xia Jun 87479
Liang Changhong *see* Zhang Liyang 94778
Liang Changhong *see* Zhang Liyang 94787
Liang Changhong *see* Changhong Liang
Liang Chen *see* Chen Liang
Liang Chih Ping *see* Chih Ping Liang
Liang Chih-Ping *see* Chih-Ping Liang
Liang Ching-Lun *see* Ching-Lun Liang
Liang Chun-Yu, Ren Li Study on quality control of procedure and metrological guarantee 54547
Liang Chunguang *see* Chunguang Liang
Liang Diannong, Kong Tiesheng, Wu Manqing Adaptive beamforming for phased array radar 65866
Liang Feng *see* Feng Liang
Liang Fu, Nai-quan Liu, Jian-ping Dai, Xin Chen Measurement of actual emittance of relativistic electron beams 53112
Liang Guo-chun *see* Guo-chun Liang
Liang Han *see* Han Liang
Liang Hu *see* Hu Liang
Liang Jang-Jeng *see* Jang-Jeng Liang
Liang Jen-Wei *see* Jen-Wei Liang
Liang Ji-Fuh *see* Ji-Fuh Liang
Liang Jia Yi *see* Jia Yi Liang
Liang Jing-Tong *see* Jing-Tong Liang
Liang Jinpeng A method of judging stability of linear differential equations 91389
Liang Jun *see* Liu Suying 54004
Liang Li *see* Haykin, S. 64443
Liang Li *see* Li Liang
Liang Lung-Sing *see* Lung-Sing Liang
Liang Min *see* Min Liang
Liang Minchang *see* Minchang Liang
Liang Minhua *see* Minhua Liang
Liang Mong Koh *see* Han Ooi Lim 71002
Liang Peihui Construction and control of a copper vapor laser master-oscillator-power-amplifier chain 82949
Liang Peihui *see* Hua Renzhong 56626
Liang Peihui *see* Lei Jianqui 72688
Liang Peihui *see* Peihui Liang
Liang Ping *see* Ping Liang
Liang Rong *see* Rong Liang
Liang Ruey-Hsun *see* Ruey-Hsun Liang
Liang Ruilin Influence of physicochemical characteristics of raw materials on properties and microstructures in porous PTC ceramics 61414
Liang Rung-Heui *see* Rung-Heui Liang
Liang Rung-Huei *see* Rung-Huei Liang
Liang Shen, Rangayyan, R.M., Desautels, J.E.L. Detection and classification of mammographic calcifications 59275
Liang Song-Chyau *see* Song-Chyau Liang
Liang Su-Jun, Luo Jin-Sheng Numerical analysis of high-voltage termination using a unified BEM algorithm 80113
Liang Sun Zhong *see* Zhong Liang Sun
Liang Tsair-Chun *see* Tsair-Chun Liang
Liang Wang, Libert, G.A. Combining pattern recognition techniques with Akaike's information criteria for identifying ARMA models 64487
Liang Xiao-Peng *see* Xiao-Peng Liang
Liang Xidong *see* Guan Zhicheng 99696
Liang Xingang *see* Wang Zheng 76238
Liang Ying-Chang *see* Ying-Chang Liang
Liang Ying-Quan *see* Ying-Quan Liang
Liang Yingchang, Wang Shuxun, Dai Yisong Fourth-order cumulant-based ESPRIT approach to sinusoidal parameters estimation 73949
Liang Yu *see* Yu Liang
Liang Zhang *see* Lie Xu 98340
Liang Zheng *see* Zheng Liang
Liang Zhengrong *see* Zhengrong Liang
Liang Zhicheng *see* Wu Jintong 53607
Liang Zhixiang, Yang Shunchang, Qing Yihong, Xu Guoyu The effect of asynchronized synchronous generators on the transient stability of power systems 99531
Liang Zhixiang *see* Luo Shiguo 99522
Liang-Cheng Zhang *see* Berndt, B.C. 79585
Liang-Chi Wen *see* Ross, R.G., Jr. 70985
Liang-Fang Chao Optimizing cyclic data-flow graphs via associativity 49058
Liang-Gee *see* Her-Ming Jong 80371
Liang-Gee Chen, Yuan-Chen Liu A high quality MC-OBTC Codec for video signal processing 57715
Liang-Gee Chen *see* Chun-Ta Chen 92417
Liang-Gee Chen *see* Her-Ming Jong 57713
Liang-Gee Chen *see* Her-Ming Jong 95924

Liang-Hua Chen, Wei-Chung Lin, Hong-Yuan Mark Liao Recovery of superquadric primitive from stereo images 51698
Liang-Hwa Chen, Shyang Chang An improved learning algorithm for principal component analysis 74608
Liang-Jing Tang *see* Tang Liang-Jing
Liang-Seng Koh, Chang-Jia Wang, Liu, M.T. A functional model for test sequence generation 74747
Liang-Seng Koh *see* Chang-Jia Wang 65078
Liang-Wei Lee, Hsing-Hung Kuo, Jhing-Fa-Wang M-correlated dynamic Huffman code 84897
Liang-Wei Lee, Liang-Ying Liu, Jhing-Fa Wang, Jau-Yien Lee Dynamic mapping technique for adaptive Huffman code 84896
Liang-Yao Cheng *see* Zhong-Min Ren 48961
Liang-Ying Liu, Jhing-Fa Wang, Jau-Yien Lee An efficient estimation technique in data path synthesis 70249
Liang-Ying Liu, Jhing-Fa Wang, Ruey-Jen Wang, Jau-Yien Lee CAM-based VLSI architectures for dynamic Huffman coding 84001
Liang-Ying Liu *see* Liang-Wei Lee 84896
Liang-Ying Liu *see* Ming-Hwa Sheu 80380
Liang-Ying Zhang *see* Hong-Tao Sun 66249
Liang-Ying Zhang *see* Shi-Mei Su 79980
Liang-Yuh Ouyang, Shuo-Jye Wu Prediction intervals for an ordered observation from a Pareto distribution 69643
Liang-Zhi Xiao *see* Xiao Tong 81230
Liangchien Lin, Adams, G.B., III, Coyle, E.J. Stack filter lattices 84201
Liangchien Lin *see* Adams, G.B., III 80443
Liangfan Chen *see* Jingya Hou 100538
Liangfeng Wan *see* Wan Liangfeng
Lianggui Xie *see* Xie Lianggui
Liangkun Chen *see* Chen Liangkun
Liangsheng Qiang *see* Hongxi Zhang 63349
Liangsheng Qiang *see* Hongxi Zhang 64027
Liangsheng Qiang *see* Qiang Liangsheng
Liangxin Si, Osanna, P.H. Information linkage in the CAD/CAQ context 76198
Liangyan Sun *see* Changzhi Gu 66579
Liangzhong Yao *see* Yao Liangzhong
Lianhong Cai, Huawu Wei Research and implementation of text-to-speech system for Chinese 95338
Liansheng Cheng *see* Cheng Liansheng
Liansheng Zhang *see* Zhang Liansheng
Liansuo An *see* An Liansuo
Lianwei Jiao *see* Jiao Lianwei
Lianxiang Chen *see* Chen Lianxiang
Lianyuan Que *see* Que Lianyuan
Liao, B.Y., Young, M.S., Wang, C.Y. A PC-based instrument of a modified differential normal pulse voltammetry with background current correction technique 58996
Liao, C.-Y. *see* Lee, L.-s. 84079
Liao, C.S., Shi, J.L., Takahashi, F. GPS time precision enhancement between Telecommunication Laboratories, R.O.C. and Communication Research Laboratory, Japan 86631
Liao, D.-Y., Chang, S.-C., Yen, S.-R., Chien, C.-C. Daily scheduling for R&D semiconductor fabrication 48652
Liao, H., Dai, W.W.-M. Wave spreading evaluation of interconnect systems 54525
Liao, H.H., Zhou, S.T., Sakamoto, I., Asbeck, P.M., Yu, P.K.L., Chang, W.S.C., Pedrotti, K., Zampardi, P. Design considerations for high speed optical modulator driver amplifiers using HBTs 75491
Liao, J. *see* Lee, F.N. 78017
Liao, J. *see* Villasenor, J.D. 57906
Liao, K., Wang, W. Cubic boron nitride/diamond films 91640
Liao, K. *see* Yih-Feng Chyan 55897
Liao, K.Y. *see* Zhao, J. 93343
Liao, L.X. *see* Heinrich, B. 63185
Liao, P., York, R.A. A varactor-tuned patch oscillator for active arrays 92569
Liao, P., York, R.A. A 1 watt X-band power combining array using coupled VCOs 95018
Liao, S.H., Yuan, S.W., Bertram, H.N. Biasing characteristics of unshielded, boundary exchange-coupled SAL/MR sensors 52801
Liao, S.Y. Charting the microwaves waters. A short overview in table form for quick and easy referencing 61894
Liao, T.-L.T. *see* McKie, A.D.W. 99363
Liao, X.B. *see* Li, L.Q. 100606
Liao, Y., Sun, C. A low cost, robust position sensorless control scheme for doubly-fed reluctance motor drives 69054
Liao, Y. *see* Luo, X. 68592
Liao Chia-shu *see* Chia-shu Liao
Liao Chia-Wei *see* Chia-Wei Liao
Liao Ching-Jong *see* Ching-Jong Liao
Liao Chun-Yi *see* Chun-Yi Liao
Liao Guisheng, Bao Zheng, Zhang Yuhong Adaptive spatial-temporal processing for airborne radars: generalized power inversion 84567
Liao Guisheng, Bao Zheng, Zhang Yuhong, Ren Yingzhou On 2-D clutter spectra for AEW radars with imperfect arrays 67950
Liao Guisheng *see* Bao Zheng 97382
Liao Haifang *see* Haifang Liao
Liao Hong-Yuan Mark *see* Hong-Yuan Mark Liao
Liao Hung *see* Hung Liao
Liao Ke-Qiang *see* Ke-Qiang Liao
Liao Kuo-Feng *see* Kuo-Feng Liao
Liao Luefeng *see* Luefeng Liao
Liao Tiankang *see* Ke Daoming 62985
Liao Wei-Hsiang *see* Wei-Hsiang Liao
Liao Xiaodong *see* Zheng Sixiao 87947
Liao Xiaodong *see* Xiaodong Liao
Liao Yuefeng *see* Yuefeng Liao
Liapis, C. *see* Harr, R. 88209
Liasi, E., North, W.P.T. Retroreflective moire deflectometry: phase and specular object inspection 54548
Liau, Z.L., Choi, H.K. $InAs_{1-x}Sb_x/In_{1-y}Ga_yAs$ multiple-quantum-well heterostructure design for improved 4-5 μm lasers 63826
Liau, Z.L., Walpole, J.N., Mull, D.E., Dennis, C.L., Missaggia, L.J. Accurate fabrication of anamorphic microlenses and efficient collimation of tapered unstable-resonator diode lasers 63915
Liaud, P. *see* Baglin, C. 59083
Liaug-Wei Lee *see* Ming-Hwa Sheu 80380
Liaw, C.L. *see* Song, P.S. 87799
Liaw, C.M., Chiang, S.J. Robust control of current-mode controlled converters 60345
Liaw, C.M., Chiang, S.J. Design and implementation of a single-phase three-wire transformerless battery energy storage system 89773
Liaw, C.M., Chiang, S.J. Design and implementation of a single-phase three-wire transformerless battery energy storage system 100041
Liaw, C.M., Chiang, S.J., Lai, C.Y., Pan, K.H., Leu, G.C., Hsu, G.S. Modeling and controller design of a current-mode controlled converter 68851
Liaw, C.M. *see* Chiang, S.J. 68874
Liaw, C.M. *see* Kung, Y.S. 90563
Liaw, H.-S., Chung, C.D. Differentially coherent correlation technique for DS-SS code acquisition in a fast Rayleigh fading channel 95148
Liaw, H.M., Cronin, W., Hickernell, F.S. The SAW characteristics of sputtered aluminum nitride on silicon 93845
Liaw, H.M.C., Philpott, I.W. Development of the Rockwell infrared air turbulence imaging sensor (RIATIS) 67717
Liaw, J.-N., Kashyap, R.L. A new sequential classifier using information criterion window 84938
Liaw, P.K., Pitchumani, R., Hsu, D.K., Jeong, H., Yao, S.C. Nondestructive eddy current evaluation of anisotropic conductivities of silicon carbide reinforced aluminum metal-matrix composite extrusions 70209
Liaw, U.H. *see* Su, Y.K. 93069
Liaw Chang-Ming *see* Chang-Ming Liaw
Liaw Ghang-Ming *see* Ghang-Ming Liaw
Liaw Ming *see* Ming Liaw
Liaw Ming-Huei *see* Ming-Huei Liaw
Libby, E.W., Maybeck, P.S. Application of sequence comparison techniques to multisensor data fusion and target recognition 74115
Libby, L. *see* Hoffner, J.E. 99990
Libby, M., Hughes, H. Priority management for selective cell scheduling and discarding in ATM networks 52215
Libby, S.B. *see* Wan, A.S. 50741
Libby, S.B. *see* Wan, A.S. 72666
Libelo, L. *see* Braunstein, J. 83840
Libelo, L.F. *see* Knop, C.M. 73505
Liber, V. *see* Alekseev, V. 83200
Liberali, V. *see* Dias, V.F. 61613
Liberatore, A., Manetti, S., Piccirilli, M.C. A new efficient method for analog circuit testability measurement 91095
Liberatori, L. *see* Esposito, A. 76388
Liberis, J. *see* Aninkevicius, V. 62274
Libert, G.A. *see* Liang Wang 64487
Libert, J.F. *see* Cocha, M. 82565
Libert, J.F. *see* Reinaudo, C. 86387
Liberti, J.C., Rappaport, T.S. Reverse channel performance improvements in CDMA cellular communication systems employing adaptive antennas 75273
Liberti, J.C., Jr., Rappaport, T.S. Analytical results for capacity improvements in CDMA 75340
Liberto, S.Di *see* Di Liberto, S.
Libes, D. Concepts of the NIST EXPRESS server 74889
Libeyre, P., Bertrand, B., Duchateau, J.L., Torossian, A., Turck, B. A Splittable CS Model Coil for ITER 82467
Libezny, M. *see* Caymax, M. 48921
Libezny, M. *see* Caymax, M. 48922
Libing Zhou *see* Zhou Libing
Libo Yuan *see* Yuan Libo
Librescu, L. *see* Song, O. 88623
Libsch, F.R. Steady state and pulsed bias stress induced degradation in amorphous silicon thin film transistors for active-matrix liquid crystal displays 62834
Lic, C. *see* Bylsma, B. 59179
Licata, T. *see* Vollmer, B. 61410
Licciardello, A. *see* Torrisi, A. 92988
Licciardi, C. *see* Keane, D. 96858
Liccione, J.W. *see* Hopper, D.G. 77161
Lichmanov, Yu.O. *see* Levin, M.N. 55673
Licht, S. *see* Marsh, C. 68969
Licht, S.J. *see* Fratello, V.J. 91464
Lichte, H. Electron holography 71063
Lichten, S.M., Haines, B.J., Young, L.E., Srinivasan, J., Sweeney, D., Spitzmesser, D., Stephens, S., Dunn, C. Using the Global Positioning System for Earth orbiter and deep space tracking 75671
Lichtenberger, D. *see* Ellmer, K. 91600
Lichtenthaler, H.K., Stober, F., Lang, M. Laser-induced fluorescence emission signatures and spectral fluorescence ratios of terrestrial vegetation 77677
Lichtenwalner, D.J. *see* Dat, R. 56164
Lichtenwalner, J. *see* Garber, M. 82418
Lichti, R.L. *see* Kreitzman, S.R. 76852
Lichti, R.L. *see* Paciotti, M.A. 76401
Lichun Cheng *see* Cheng Lichun
Lichun Zhang *see* Zhang Lichun
Licinio, R. *see* Prati, P. 53355
Licitra, C., Musumeci, S., Testa, A., Consoli, A. Soft-switching high quality rectifier employing a novel control scheme 68839
Licitra, C. *see* Rossetto, L. 49144
Licitra, C. *see* Rossetto, L. 60320
Licona, A.N. *see* Moreira, C.G. 77027
Licznerski, B.W. *see* Dziedzic, A. 66552
Licznerski, B.W. *see* Golonka, L.J. 66527
Licznerski, B.W. *see* Nitsch, K. 70175
Lidbjork, P., Astrom, J. A 100 MeV racetrack microtron 76549
Liddiard, K.C. Thin film monolithic detector arrays for uncooled thermal imaging 66449
Liddle, L., Wilkinson, J. Imparja Television Pty. Ltd — Australia's Aboriginal Owned Commercial Television Company 97522
Lide Wu *see* Wu Lide
Lideen, J.D. Considerations in solder paste selection for surface mount screen printing applications 92803
Liden, P., Dahlgren, P., Johansson, R., Karlsson, J. On latching probability of particle induced transients in combinational networks 70373
Liden, P. *see* Dahlgren, P. 91721
Liden, P. *see* Karlsson, J. 49349
Lidgard, A. *see* Couceiro, I.B. 94084
Lidgard, A. *see* Patrick, H. 94083
Lidgey, F.J., Su, W.J. Improvements to opamp power-supply current sensing technique 80151
Lidgey, F.J. *see* Denyer, C.W. 67573
Lidgey, F.J. *see* Su, W.J. 91925
Lidgey, F.J. *see* Toumazou, C. 55122
Lidgey, F.J. *see* Zhu, Q.S. 67555
Lidia, S., Carr, R. An elliptically-polarizing undulator with phase adjustable energy and polarization 87739
Lidong Chen, Kwok, H.H.L. A GaAs CCD structure for multiplying digital-to-analog conversion 92306
Lidong Hu *see* Hu Lidong
Lidong Zhang *see* Zhang Lidong
Lidorenko, N.S., Evdokimov, V.M. Thermodynamic principles of solar energy conversion in photovoltaic systems 60459
Lidov, M.L., Lyakhova, V.A., Teslenko, N.M. Control characteristics in the insertion of a spacecraft near the L_2 point of the Earth-Sun system with the help of lunar gravity (the Relict-2 project) 99041
Lie, D.Y.C., Vantomme, E., Eisen, F., Vreeland, T., Nicolet, M.-A., Carns, T.K., Wang, K.L., Hollander, B. Damage and strain in pseudomorphic vs relaxed Ge_xSi_{1-x} layers on Si(100) generated by Si ion irradiation 49793
Lie, D.Y.C. *see* Carns, T.K. 71138
Lie, I. Multidomain solution of advection problems by Chebyshev spectral collocation 57756
Lie, T.J. *see* Koga, R. 70466
Lie, T.T., Ghosh, A., Shrestha, G.B. Fuzzy logic control of power system transient stability 59810
Lie, T.T. *see* Sharaf, A.M. 59749
Lie, T.T. *see* Sharaf, A.M. 88979
Lie, T.T. *see* Sharaf, A.M. 89143
Lie, T.T. *see* Sharaf, A.M. 99626
Lie, T.T. *see* Shrestha, G. 59877
Lie Tek Tjing *see* Tek Tjing Lie
Lie Xu, Shuliang Zhou, Jun Yang, Jun Ye, Liang Zhang The fast measurement of thermal conductivity for the refrigerant by the transient hot-wire contrast method 98340
Lie-Fern Hsu *see* Chinho Lin 69607
Liebel, S.A., Mueller, R.E. Douglas fir crossarms: solid sawn vs. laminated comparison 89335
Liebemann, E. *see* Kirchner, R. 90460
Liebenberg, C.J. *see* Botha, L.R. 94320
Liebenberg, D.H. *see* Kim, C.C. 53077
Lieber, W., Vobian, J. Polarization mode dispersion measurements with a Mach-Zehnder interferometer 82610
Lieberman, K. *see* Rudman, M. 71519
Lieberman, M.A. *see* Kalpakjian, K.M. 71321
Lieberman, P., Gray, P., White, J. Testing air bag inflaters for your car 90621
Liebermann, R. *see* Krasko, Z. 90635
Liebert, T. *see* Sherif, M.H. 52059
Liebert, T. *see* Sherif, M.H. 96577
Liebesman, S. The ISO 9000 Series Standards—a new way of doing business 69619
Liebetrau, S.F. The exhilarating, dangerous world of technology transfer communication: success and sanity through teamwork 90855

Liebetreu, G.F., III New gas-to-chemical "solutions" 81483
Liebich, R.E. *see* Mansour, F.F. 89646
Liebig, D. *see* Ostermeir, R. 63603
Liebman, E. *see* Graff, C.J. 88908
Liebmann, J. *see* Grieser, M. 76310
Liebmann, L. *see* Ferguson, R. 71450
Liebmann, L. *see* Martino, R. 71505
Liebmann, L.W., Newman, T.H., Ferguson, R.A., Martino, R.M., Molless, A.F., Neisser, M.O., Weed, J.T. A comprehensive evaluation of major phase shift mask technologies for isolated gate structures in logic designs 71507
Liebmann, L.W., Pomerene, A.T., DeMay, D.D., Lamberti, A.C., Donohue, T.P., Burghartz, J.N. Supporting early development of advanced high performance logic with synchrotron orbital radiation lithography: a feasibility evaluation 81587
Liebmann, L.W. *see* Ferguson, R.A. 62566
Liebmann, L.W. *see* Ferguson, R.A. 71466
Liebmann, R., Schopp, M. High-resolution direction-finding algorithms, overview and application-oriented aspects 58510
Lieder, R.M. *see* Georgiev, A. 88226
Lieder, R.M. *see* Georgiev, A. 98698
Liedtke, C.-E., Schnier, T., Bloemer, A. Automated learning of rules using genetic operators 95681
lieen Lai *see* Lai lieen
Liefvoort, A.van de *see* van de Liefvoort, A.
Liehr, M. *see* Kunesh, R.F. 62374
Liehr, M. *see* Rubloff, G.W. 55966
Lielausis, O. Development of ideas concerning the flow structure in inductive MHD pump channels 100769
Liem, C., May, T., Paulin, P. Register assignment through resource classification for ASIP microcode generation 93573
Lien, E. *see* Caryotakis, G. 67156
Lien Chen-Chang *see* Chen-Chang Lien
Lien Chenhsin *see* Chenhsin Lien
Lien Chuang Shun *see* Shun Lien Chuang
Lien Jih *see* Jih Lien
Lien Tse Ho *see* Jih Wen Chou 81855
Lien Wen-Pin *see* Wen-Pin Lien
Lien-Hsun Ho *see* Shih-Liang Jung 90177
Lien-Hsun Ho *see* Shih-Liang Jung 100291
Lien-Hsun Ho *see* Ying-Yu Tzou 90192
Lienard, M., Baranowski, S., Degauque, P., Vandamme, J. Theoretical and experimental study of radio coverage in tunnels using radiating cables 57107
Lieneweg, U., Zamani, N. Measurement and modeling of size and proximity effects in conductor linewidths 62506
Lienhard, D., Nitschke, S., Ploss, B., Ruppel, W., von Munch, W. The optimization of low cost integrated pyroelectric sensor arrays 66323
Lienkamp, M., Kunaver, U., Exner, H.E. Stereometric quantitative fractography of unidirectional composite materials 91663
Liepins, G.E. *see* Homaifar, A. 48824
Liepinsh, V. Method for spectral analysis of band-limited signals 64408
Liepinsh, V. A method of spectrum evaluation applicable to analysis of periodically and nonregularly digitized signals 73994
Liepu Song *see* Song Liepu
Lier, E., Skyttemyr, S.A. A shaped single reflector offset antenna with low cross-polarization fed by a lens horn 57269
Lier, H.-P. *see* Bourdon, W. 86070
Liere, J.Van *see* Van Liere, J.
Liesch, D. *see* Delport, V. 64306
Lieshout, P.van *see* van Lieshout, P.
Lieske, R.J. *see* Yuan Guo 92802
Liestman, A.L., Richards, D. Perpetual gossiping 58152
Liestman, A.L. *see* Gargano, L. 85439
Lietong Yan *see* Chan, C.C. 60215
Lietti, C. *see* Canestrari, P. 81706
Lietzke, A. *see* Scanlan, R.M. 82411
Lietzke, C. *see* Ziock, H.J. 76767
Lieu, D.K. *see* Lorimer, W.L. 82289
Lieu, D.K. *see* Rahman, B.S. 54038
Lieuvin, M. Commissioning of the European Synchrotron Radiation Facility magnets 87670
Liew, A.C. *see* Chang, C.S. 59721
Liew, A.C. *see* Dash, P.K. 89207
Liew, A.C. *see* Sng, K. 78869
Liew, A.C. *see* Srinivasan, D. 53848
Liew, A.C. *see* Waikar, D.L. 59998
Liew, A.C. *see* Waikar, D.L. 78231
Liew, B.-K. *see* Helm, M. 71799
Liew, S.C. Performance of various input-buffered and output-buffered ATM switch design principles under bursty traffic: simulation study 51770
Liew, S.C. Multicast routing in 3-stage Clos ATM switching networks 51771
Liew, S.C., Lee, T.T. Nlog N dual shuffle-exchange network with error-correcting routing 51756
Liew, S.C. *see* Lee, T.T. 51763
Liew, S.C. *see* Lee, T.T. 74642
Liew Ah Choy *see* Ah Choy Liew
Liew Ong Hiap *see* Hiap Liew Ong
Lifante, G. *see* Hamelin, N. 73017
Lifen Zhang, Zaitong Lu, Bibo Feng Observation of the operating mode in Raman free-electron lasers 94546
Lifeng Tian *see* Tian Lifeng
Lifeng Yang *see* Kwa-Sur Tam 77185
Lifermann, A. *see* Le Roy, I. 65895
Liffredo, L. *see* Balboni, G.P. 85748
Lifka, H. *see* Pomp, H.G. 93171
Lifka, H. *see* van Dort, M.J. 49850
Lifka, H. *see* van Dort, M.J. 93121
Lifka, H. *see* Woerlee, P.H. 62997
Lifka, H. *see* Woltjer, R. 71672
Lifka, H. *see* Woltjer, R. 93389
Lifshits, B.A., Podlaskin, B.G., Chekulaev, E.A. The relation of quantile readings to the integral characteristics of a one-dimensional optical signal when processing it with a linear photodetector 58776
Lifshits, V.G. *see* Hayakawa, Y. 79763
Lifshits, V.G. *see* Tarasova, O.L. 49913
Lifshits, V.G. *see* Tarasova, S.L. 55766
Lifshitz, N., Luryi, S. Dependence of the off-state current in polycrystalline silicon thin film on electric field in the channel 49987
Lifshitz, N., Luryi, S. Enhanced channel mobility in polysilicon thin film transistors 81859
Lifshitz, Y. *see* Barak, J. 70379
Lifshitz, Y. *see* Levinson, J. 70462
Lifshitz, Yu.A. *see* Zhilyaev, Yu.V. 81980
Ligachev, V.A. *see* Suleman, Kh. 91627
Ligade, S. *see* Porter, W.A. 74096
Ligang Wang *see* Wang Ligang
Ligeon, M. *see* Bellet, D. 93169
Liger, P. *see* Liu, H. 83184
Liggins, M. *see* Kadar, I. 75522
Lightbody, D. Taping & reeling fine pitch components 92722
Lightfoot, J.M., Spinetto, R.D. An alternative method to share the initial fixed cost of a local area network 65350
Lightowlers, E.C. *see* Higgs, V. 81320
Lightowlers, E.C. *see* Zhang, J. 91492
Lightsey, P.A. Scintillation in ground-to-space and retroreflected laser beams 88658
Lightstone, M., Mitra, S.K., Ing-Song Lin, Bagchand, S., Jarske, P., Neuvo, Y. Efficient frequency-sampling design of one-and two-dimensional FIR filters using structural subband decomposition 49550
Ligler, F.S. *see* Anderson, G.P. 67513
Ligler, F.S. *see* Anderson, G.P. 76899
Ligler, F.S. *see* Golden, J.P. 76900
Ligne, M.Le. *see* Gay, E. 86438
Ligne, M.Le *see* Le Ligne, M.
Lignie, M.C.de *see* de Lignie, M.C.
Ligomenides, P.A. *see* Jyh-Shyan Lin 76944
Ligon, W.A. *see* Ito, A. 71825
Ligong Zhang *see* Ande Lu 66580
Ligou, J. *see* Decurnex, Ch. 53899
Ligtenberg, M.A.C. *see* Kajcsos, Zs. 88051
Ligthart, L.P. *see* Unal, C.M.H. 77416
Ligthart, M. *see* Dekker, R. 92081
Ligthart, W.C.M. *see* Rijken, H.A. 87967
Liguore, S. *see* Followell, D. 59486
Liguori, F. Built-in-test capability evaluation for weapon systems using computer modeling 59653
Liguori, G. *see* Ambrosio, M. 53341
Liguori, G. *see* Arena, V. 53299
Liguori, G. *see* Arena, V. 98656
Lih-Chyau Wuu, Shing-Tsaan Huang A new parallel computation model on synchronous wireless interconnection 85840
Lih-Chyau Wuu *see* Shing-Tsaan Huang 65077
Lih-Hsing Hsu *see* Tung-Yang Ho 80973
Lih-Hsing Hsu *see* Yung-Cheng Chang 79619
Lih-Wen Liah *see* Wen-Chau Liu 55874
Lihachov, V. *see* Androsov, V. 76390
Lihe Zhang *see* Zhang Lihe
Lihn Hung-chi *see* Hung-chi Lihn
Lihong Jiao *see* Jiao Lihong
Lihua Fang *see* Fang Lihua
Lihua Hu, Morrison, R.E., Young, D.J. Feasibility study of an electric railway system using SVCS to enable a substation spacing of 300 km 100912
Lihua Jing *see* Jing Lihua
Lihua Li *see* Ce Zhu 73773
Lihua Li *see* Li Lihua
Lihua Xie, Soh, Y.C., de Souza, C.E. Robust L_2 filtering: the discrete-time case 84236
Lihua Zhang *see* Zhang Lihua
Lii, T. *see* Mii, Y. 71677
Lii, T. *see* Shahidi, G.G. 71790
Lii, T. *see* Shahidi, G.G. 71797
Lii, T. *see* Subbanna, S. 92190
Lii, T. *see* Taur, Y. 62851
Lii, Y. *see* Mii, Y. 71804
Lii, Y. *see* Taur, Y. 93612
Lii Keh-Shin *see* Keh-Shin Lii
Lijap, O. *see* Pascente, J.E. 91100
Lijap, O. *see* Pascente, J.E. 91105
Lijian Zhang *see* Zhang Lijian
Lijima, S. *see* Kobayashi, T. 54941
Lijun Wu *see* Wu Lijun
Lik Mui *see* Keh-Jeng Chang 71431
Likhachev, I.G. *see* Bykovskii, Yu.A. 63810
Likhachev, S.M. *see* Gordienko, V.A. 52748
Likhachev, V. *see* Bar'yakhtar, V. 67407
Likhachev, V. *see* Efimov, S. 76546
Likhachiev, I.G. *see* Egorov, S.A. 98044
Likhanov, N.B. *see* Hajek, B. 96178
Likharev, I.G. *see* Bykovskii, Yu.A. 83106
Likharev, K.K. *see* Korotkov, A.N. 49795
Likhoshva, A.V. *see* Bulanyi, M.F. 71112
Lileg, K. *see* Schopf, H. 57205
Lili Zhu *see* Zhu Lili
Liliental-Weber, Z. *see* Lin, X.W. 79843
Liling Xiao *see* Xiao Liling
Lilja, K. *see* Dettmer, H. 55933
Lilja, K. *see* Fichtner, W. 93299
Liljeby, L. *see* Abrahamsson, K. 76307
Liljeby, L. *see* Beebe, E. 53173
Liljeby, L. *see* Beebe, E. 67263
Liljeby, L. *see* Ovsyannikov, V.P. 53174
Liljeby, L. *see* Pikin, A.I. 53151
Liljenstam, M. *see* Ronngren, R. 74960
Lill, J.V. *see* Godbey, D.J. 70030
Lilleberg, J. *see* Wichman, R. 84203
Lillevik, O., Lundgaard, L., Runde, M. Continuous monitoring and trend analyses of discharge activity in a stator insulation 89838
Lilley, F. *see* Pearson, J.D. 69610
Lillie, K. New safety issues for electric vehicles 54186
Lillo, F. *see* Gennaro, G. 94716
Lilly, C.J. What next in submarine systems? 86384
Lilly, M.D. *see* Charest, J.A. 87109
Lilong Yang *see* Yang Lilong
Lilov, S.K. Study of the evaporation mechanism in silicon carbide crystal growth from vapour phase 61235
Lilov, S.K. Investigation of the formation and growth processes of silicon carbide monocrystals 91417
Lilygren, J. *see* Helm, M. 71799
Lim, A. *see* Siu Wing Cheng 61669
Lim, A.W.T. *see* Mital, D.P. 95733
Lim, B. *see* Jones, P.F. 64849
Lim, C. *see* Woo, S.H. 71379
Lim, C.C. *see* Horiuchi, T. 68998
Lim, C.C. *see* Ma, W. 60454
Lim, C.C. *see* Ma, W. 100529
Lim, C.H., Lee, P.J. Security of interactive DSA batch verification 83998
Lim, C.K. Mechanical and materials modeling/simulation/verification trend for electronics packaging products 91016
Lim, C.M. Experimental study of a fuzzy system for DC motor control 78648
Lim, D.H., Shyh-Horng Yang, Morris, S.J., Tasch, A.F. An accurate and computationally-efficient model of boron implantation through screen oxide layers into (100) single-crystal silicon 93119
Lim, D.L. *see* Shyh-Horng Yang 81440
Lim, G.H. *see* Yoo, K.D. 62927
Lim, H. *see* Catton, I. 89490
Lim, H. *see* Her, J. 61373
Lim, H. *see* Kim, C.H. 55666
Lim, H. *see* Shin, J.C. 71568
Lim, H.H., Veysoglu, M.E., Yueh, S.H., Shin, R.T., Kong, J.A. Random medium model approach to scattering from a random collection of discrete scatterers 73290
Lim, H.K. *see* Choi, J.D. 70491
Lim, H.K. *see* Jung, C.M. 70565
Lim, H.K. *see* Lee, T.H. 69088
Lim, H.S., Doty, R.E. Migration of cobalt in nickel oxide/hydroxide active material of a nickel electrode in a Ni/H_2 cell 68946
Lim, J.-T. Asymptotic performance evaluation of CSMA and CSMA/CD networks 64997
Lim, J.-T. On adaptive control of mobile slotted ALOHA networks 86142
Lim, J.H. *see* Chun, H.S. 60434
Lim, J.O. *see* Samuelson, L.A. 66518
Lim, J.Ok *see* Ok Lim, J.
Lim, J.S. *see* Apostolopoulos, J.G. 75734
Lim, J.S. *see* Hardwick, J. 84048
Lim, J.S. *see* Nicolas, J.J. 86720
Lim, K.W. *see* Cheung, N.C. 94750
Lim, L.E.N. *see* Noor, Y.M. 69569
Lim, M. *see* Hadimioglu, B. 99311
Lim, M.T. *see* Gajic, Z. 84490
Lim, N. *see* Chua, S.J. 79861
Lim, S., Ryu, J.H., Wager, J.F., Plant, T.K. Rugate filters grown by plasma-enhanced chemical vapor deposition 61381
Lim, S. *see* Ryu, J.H. 72618
Lim, S.P., Shi, W.M. Fractal surface and its measurement by computer simulation 76204
Lim, S.T. *see* Sang Yeong Lee 70855
Lim, S.W. *see* Kwak, N.J. 61318
Lim, S.Y., Chatwin, C.R. Genetic and entropy methods for laser process prediction 90957
Lim, T.B. *see* Tay, A.A.O. 82005
Lim, W.L., Chew, Y.T., Chew, T.C., Low, H.T. Improving the dynamic range of particle tracking velocimetry systems 98368
Lim, Y.C., Yong Lian Frequency-response masking approach for digital filter design: complexity reduction via masking filter factorization 92376
Lim, Y.C. *see* Yang, R.H. 49543
Lim Byoung Duk *see* Byoung Duk Lim
Lim Chae Hoon *see* Chae Hoon Lim
Lim Chae Tak *see* Chae Tak Lim
Lim Chang-Moon *see* Chang-Moon Lim
Lim Chin Chou *see* Chin Chou Lim
Lim Choong Soo *see* Choong Soo Lim

Lim Dukbin *see* Dukbin Lim
Lim Gabgyu *see* Gabgyu Lim
Lim Geun Bae *see* Geun Bae Lim
Lim Han Ooi *see* Han Ooi Lim
Lim Hong Joo *see* Hong Joo Lim
Lim Hyung-Kyu *see* Hyung-Kyu Lim
Lim Ik-Sung *see* Ik-Sung Lim
Lim Il-Taek *see* Il-Taek Lim
Lim In Chil *see* In Chil Lim
Lim In-Gon *see* In-Gon Lim
Lim Jeong Ok *see* Jeong Ok Lim
Lim Jong Hwan *see* Jong Hwan Lim
Lim Junseok *see* Junseok Lim
Lim Kia Yong, Zhou Rujing, Ng Kien Aun Using a delayed-learning neural network and the speech energy zoning concept for noise-tolerant, speaker-independent spoken number recognition 95327
Lim Koon Seng *see* Koon Seng Lim
Lim Long *see* Long Lim
Lim See Yew *see* See Yew Lim
Lim Seong Bin *see* Seong Bin Lim
Lim Soonkwon *see* Soonkwon Lim
Lim Sung-Wook *see* Sung-Wook Lim
Lim Swee Boon *see* Swee Boon Lim
Lim Taek *see* Taek Lim
Lim Tong Kun *see* Tong Kun Lim
Lim Tong-Gun *see* Tong-Gun Lim
Lim Yong Hoon *see* Yong Hoon Lim
Lim Young Cheol, Park Jong Kun, Cho Kyung Young, Kim Eui Sun, Kim Tae Gon, Kim I Gon Performance improvement of material recognition sensor using cubic spline interpolation 97923
Lim Youngho *see* Youngho Lim
Lima, A.M.N., Deep, G.S., Neto, J.S.R., Freire, R.C.S., Lobo, P.C. Identification of thermoresistive solar radiation sensors 75933
Lima, A.M.N. *see* Freire, R.C.S. 97958
Lima, C.R., Davies, P.A. Noise performance of microwave signals generated by a gain-switched semiconductor laser 50865
Lima, C.R., Davies, P.A. Effects of extra low-frequency noise injection on microwave signals generated by a gain-switched semiconductor laser 72893
Lima, C.R., Gomez, L., Greenhalgh, P.A., Davies, P.A. Opto-electronic generation and distribution of optically filtered microwave subcarriers for high-capacity SCM systems 65797
Lima, C.R.A. *see* Cescato, L. 64014
Lima, J.A.De *see* De Lima, J.A.
Lima, L.T.G. *see* Campagnolo, J.M. 77844
Lima, P.M. Richardson extrapolation in boundary value problems for differential equations with nonregular right-hand side 69814
Lima, S., Poliakova, R.V., Nodarse, F.F., Yudlin, I.P. Expert system for magnetic systems investigations 87692
Limas-Serafim, A.F. Natural images segmentation for patterns recognition using edges pyramids and its application to the leather defects 95819
Limb, R. *see* Sano, A. 50262
Limb Young *see* Young Limb
Limbach, W. *see* Loffel, F. 60036
Limber, M.A. *see* Borwein, J.M. 79637
Limberg, T., Emma, P., Rossmanith, R. The north arc of the SLC as a spin rotator 66969
Limberg, T. *see* Adolphsen, C. 76537
Limberg, T. *see* Decker, F.-J. 76593
Limberg, T. *see* Krejcik, P. 87900
Limberg, T. *see* Raubenheimer, T.O. 76339
Limberger, H.G., Fonjallaz, P.Y., Lambelet, P., Salathe, R.P., Zimmer, C., Gilgen, H.H. OLCR characterization of efficient Bragg gratings in optical fiber 63398
Limberger, H.G. *see* Fonjallaz, P.Y. 50498
Limbruno, A. The Italian electrical industry and the advent of AD 2000: objectives and perspectives 59699
Limei Song *see* Song Limei
Limei Wang *see* Wang Limei
Liming Huang *see* Huang Liming
Liming Liu *see* Hon-Wai Chu 96093
Liming Tsau, Dawen Wang, Wang, K.L. Nanometer scale patterning of silicon (100) surfaces by an atomic force microscope operating in air 49886
Liming Tsau *see* Dawen Wang 81507
Limiti, E. *see* Giannini, F. 80158
Limiti, E. *see* Giannini, F. 80758
Limiti, E. *see* Giannini, F. 92541
Limlamai, N. *see* Ditsariyakul, P. 67882
Limorenko, P.M. *see* Timoshenko, V.D. 69087
Lin, A. *see* DeHope, W. 62122
Lin, A.T. *see* Wang, Q.S. 62123
Lin, A.W. Low cost multichip modules 90972
Lin, A.W., Lyons, A.M., Simpkins, P.G. Reliability and thermal characterization of a 3-dimensional multichip module 91010
Lin, B., Devadas, S. Synthesis of hazard-free multi-level logic under multiple-input changes from binary decision diagrams 92164
Lin, B., Vercauteren, S. Synthesis of concurrent system interface modules with automatic protocol conversion generation 96266
Lin, B., Ykman-Couvreur, C., Vanbekbergen, P. A general state graph transformation framework for asynchronous synthesis 91744
Lin, B. *see* de Jong, G.G. 92096
Lin, B. *see* Goossens, G. 91837
Lin, B. *see* Kakimoto, N. 77968
Lin, B. *see* Kondratyev, A. 92097
Lin, B. *see* Monteiro, J. 92094
Lin, B. *see* Vanbekbergen, P. 91746
Lin, B.-R. Analysis of fuzzy control method applied to DC-DC converter control 54074
Lin, B.-R., Hoft, R.G. Power electronics inverter control with neural networks 54172
Lin, B.-R., Hoft, R.G. Real-time digital control of PWM inverter with fuzzy logic compensator for nonlinear loads 68725
Lin, B.-Y., Beetz, C.P., Winn, D.R., Segall, K. Electron bombarded semiconductor gain in CVD diamond 62129
Lin, C., Lee, B.I., Haertling, G.H. PLZT powders from acetate precursors via coprecipitation 54987
Lin, C. *see* Baartmans, A.H. 61175
Lin, C.-H., Chin, T.S., Huang, Y.H., Yau, J.M., Cheng, K.H., Chu, T.Y. Magnetic hardening of Cr-/W-added NdDyFeCoB sintered magnets 50187
Lin, C.-H., Lee, L.-S., Ting, P.-Y. A new framework for recognition of Mandarin syllables with tones using sub-syllabic units 73887
Lin, C.-H. *see* Bin, S.-Y. 88991
Lin, C.-H. *see* Ching, T.-S. 50246
Lin, C.-H. *see* Villeneuve, A. 56853
Lin, C.-H. *see* Wen-Teng Lo 92461
Lin, C.-L. *see* Yeh, T.-A. 50310
Lin, C.-M. *see* Tuckerman, D.B. 48679
Lin, C.-W. *see* Shohdohji, T. 64102
Lin, C.C., Deppe, D.G. Calculation of lifetime dependence of Er^{3+} on cavity length in dielectric half-wave and full-wave microcavities 56380
Lin, C.C., Deppe, D.G., Lei, C. Role of waveguide light emission in planar microcavities 93011
Lin, C.E., Ann-San Hou Nonlinear feedback model attitude control using CCD in magnetic suspension system 99059
Lin, C.E., Chen, K.L. An automated TCA monitor system for air traffic control 88721
Lin, C.E., Jou, H.L., Yan, J.H. A dynamic method for magnetic torque measurement using pendulum motion system 98270
Lin, C.E., Sheu, Y.-R. One-dimensional position measurement for large-gap magnetic suspension system 78930
Lin, C.E. *see* Chen, C.L. 99559
Lin, C.E. *see* Chen, C.L. 99586
Lin, C.E. *see* Ching-Lien Huang 99455
Lin, C.E. *see* Mingtian Fan 99669
Lin, C.E. *see* Yeh, J.C. 100189
Lin, C.G. *see* Po-Rong Chang 66090
Lin, C.H., Chua, C.L., Zhu, Z.H., Ejeckam, F.E., Wu, T.C., Lo, Y.H. Photopumped long wavelength vertical-cavity surface-emitting lasers using strain-compensated multiple quantum wells 63843
Lin, C.H. *see* Chin, T.S. 50188
Lin, C.H. *see* Chua, C.L. 69925
Lin, C.H. *see* Kuo, C.K. 84917
Lin, C.H. *see* Yau, J.M. 50207
Lin, C.L., Aboelfotoh, M.O., Woodall, J.M., Lin, E.W., Ku, W.H., Melloch, M.R. High transconductance n- and p-channel GaAs MESFETs using novel amphipolar Cu_3Ge ohmic contacts 93505
Lin, C.L., Zheng, Q., Chellappa, R., Davis, L.S., Zhang, X. Site model supported monitoring of aerial images 74606
Lin, C.T., Juang, M.H., Jan, S.T., Chou, P.F., Cheng, H.C. Formation of shallow p^+n junctions by BF_2^+ implantation into thin polycrystalline Si films 93117
Lin, C.T., Li, L., Webb, J.S., Lipeles, R.A., Leung, M.S. DAAS technique for synthesizing doped PZT and PLZT thin films 54934
Lin, C.T. *see* Cheng, H.C. 81573
Lin, C.T. *see* Juang, M.H. 81426
Lin, C.W. *see* Hsieh, S.W. 93063
Lin, C.Y., Lee, F.C. Design of a piezoelectric transformer converter and its matching networks 100299
Lin, D.-S., Hawoong Hong, Miller, T., Chiang, T.-C. Growth and atomic structure of epitaxial Si films on Ge(111) 61311
Lin, D.D.H. *see* Shi, S.S.B. 74838
Lin, D.K.J. Making full use of Taguchi's orthogonal arrays 48760
Lin, E.W. *see* Chang, K.W. 80755
Lin, E.W. *see* Lin, C.L. 93505
Lin, F. A linguistic approach to stochastic comparison of queuing systems 69682
Lin, F., Sarcona, G., Hatalis, M.K., Cserhati, A.F., Austin, E., Greve, D.W. Characterization of cobalt annealed on silicon-germanium epilayers 93052
Lin, F. *see* Lu, T. 56476
Lin, F. *see* Wang, M.R. 72659
Lin, F.C. *see* Bai, J.Z. 53324
Lin, F.Y. *see* Hwang, C.S. 87448
Lin, F.Y.-S., Kwang-Ting Cheng Virtual path assignment and virtual circuit routing in ATM networks 74641
Lin, F.Y.S. Allocation of end-to-end delay objectives for networks supporting SMDS 74768
Lin, F.Y.S., Wang, J.L. A minimax utilization routing algorithm in networks with single-path routing 85378
Lin, G.H., Bertram, H.N. Experimental studies of noise autocorrelation in thin film media 50295
Lin, G.H., Bertram, H.N., Simmons, R. Noise correlations in dibit recording 63230
Lin, H., Venetsanopoulos, A.N. A weighted minimum distance classifier for pattern recognition 95702
Lin, H., Wu, N.J., Xie, K., Li, X.Y., Ignatiev, A. Transient behavior and memory effect of a $PbZr_xTi_{1-x}O_3/YBa_2Cu_3O_{7-x}$ three-terminal device 71899
Lin, H. *see* Huang, C.H.-J. 56163
Lin, H.-C. *see* Kuo, C.-M. 74559
Lin, H.-H. *see* Villeneuve, A. 56853
Lin, H.-Y. *see* Harn, L. 51317
Lin, H.C. Resonant tunneling diodes for multivalued digital applications 55895
Lin, H.C., Chang, C.Y., Chen, W.H., Tsai, W.C., Chang, T.C., Jung, T.G., Lin, H.Y. Effects of SiH_4, GeH_4, and B_2H_6 on the nucleation and deposition of polycrystalline $Si_{1-x}Ge_x$ films 79964
Lin, H.C. *see* Jung, T.G. 93313
Lin, H.C. *see* Shieh, M.-H. 49955
Lin, H.D. *see* Lee, K.F. 93613
Lin, H.D. *see* Yu, D.C.H. 82078
Lin, H.H. *see* Ren, F. 93351
Lin, H.H. *see* Tsai, H.H. 81792
Lin, H.H. *see* Yang, L.W. 62715
Lin, H.Y. *see* Lin, H.C. 79964
Lin, I.-H., Geraniotis, E. The tradeoff between blocking and dropping in circuit-switched networks of video users 66036
Lin, J., Itoh, T. Two-dimensional quasi-optical power-combining arrays using strongly coupled oscillators 55378
Lin, J. *see* Tang, S. 82858
Lin, J. *see* Tang, S. 82867
Lin, J. *see* Tew, C. 98228
Lin, J. *see* Toland, B. 83852
Lin, J. *see* Vook, D. 61908
Lin, J.-C. *see* Yang, C.-Y. 57741
Lin, J.-F., Wu, M.-C., Jou, M.-J., Chang, C.-M., Lee, B.-J., Tsai, Y.-T. Highly reliable operation of indium tin oxide AlGaInP orange light-emitting diodes 94291
Lin, J.-H. *see* Hayden, J.D. 63040
Lin, J.-H. *see* Pfiester, J.R. 70482
Lin, J.-H. *see* Pfiester, J.R. 71803
Lin, J.-H. *see* Taft, R.C. 70490
Lin, J.-S., Chen, C.-L., Lai, C.-Y. A high-bandwidth PWM servo amplifier for the direct-drive-valve actuation system 54137
Lin, J.-Y.G., Milkovic, M. An improved digital sensor using delta modulation loop 97939
Lin, J.C. Microwave technology for minimally invasive interventional procedures 77055
Lin, J.C., Chen, L.J., Chen, C.J., Chen, J.L. Study on the interface of ferrite/Sendust film 63193
Lin, J.C., Chen, L.J., Tseng, M.R., Chen, C.J. Microstructures and soft magnetic properties of sputtered FeSiAlRuTi films 56203
Lin, J.C., Wang, Y.-L., Hariman, R.J. Comparison of power deposition patterns produced by microwave and radio frequency cardiac ablation catheters 67614
Lin, J.F. *see* Hsu, S.N. 92952
Lin, J.K. *see* Jeffay, K. 96835
Lin, J.S., Tai, S.C. Image sub-band coding with inter-band predictions 85196
Lin, J.T., Nichols, K.G., Redman-White, W. New concepts of SOI modelling for use in circuit simulator 93303
Lin, J.Y., Daryoush, A.S., Gershman, V., Rosen, W. A new approach to the design of LED based Gb/s digital fiber optic link 74921
Lin, J.Y., Daryoush, A.S., Gershman, V., Rosen, W. A new approach to the design of LED based Gb/s digital fiber optic link 86507
Lin, J.Y., Donaghey, C.E. A Monte Carlo simulation to determine minimal cut sets and system reliability 54604
Lin, K. *see* Tuckerman, D.B. 48679
Lin, K.-S. *see* Seshan, N. 58331
Lin, K.-Y., Krishna, B., Krishna, H. Rings, fields, the Chinese remainder theorem and an extension—Part I: theory 95603
Lin, K.-Y. *see* Krishna, H. 95604
Lin, K.C. *see* Chang, E.Y. 80662
Lin, K.C. *see* Chen, H.D. 62165
Lin, K.D. *see* Rubin, I. 74673
Lin, K.F., Schaefer, G. A low cost compact CCD grating spectrometer 66705
Lin, K.H., Wong, A., Yang, K.S., Yeh, K.C. Probing the ionosphere with an extremely narrow frequency separation 83673
Lin, K.K., Hsu, K.T., Ueng, T.S. Measurement on the SRRC 1.3 GeV electron booster synchrotron operation parameters and the ramping behavior 76540
Lin, K.P., Huang, S.C., Guerrero, T.M., Baxter, L., Yu, D.C., Melega, W., Barrio, J., Phelps, M.E. A general technique for inter-study registration of multi-function and multi-modality images 98828

Lin, L., Jain, V.K. Parallel architectures for computing the Hough transform and CT image reconstruction 85079
Lin, L., Kiasaleh, K. Performance of PLL-based optical OPPM communication systems 58411
Lin, L., Tsatsaronis, G. Design optimization of a hybrid concept for generation of electric power 89700
Lin, L. *see* Anantheswaran, R.C. 79013
Lin, L. *see* Chen, S.D. 61302
Lin, L. *see* Jain, V.K. 49457
Lin, L. *see* Jain, V.K. 80350
Lin, L. *see* Tsatsaronis, G. 60109
Lin, L. *see* Tsatsaronis, G. 60110
Lin, L.-L., Howe, R.T., Pisano, A.P. A passive, in situ micro strain gauge 58744
Lin, L.-Y., Marshall, T.C., Cecere, M.A. A solitary wave theory for spiking pulses emitted by a Raman free electron laser 50876
Lin, L.-Y. *see* Wu, M.C. 75999
Lin, L.C.-L., Chen, S.C., Gonichon, J., Trotz, S., Wurtele, J.S. Waveguide side-wall coupling in RF guns 81123
Lin, L.C.-L. *see* Chen, S.C. 76359
Lin, L.C.-L. *see* Gonichon, J. 76641
Lin, L.Z., Yan, L.G., Gao, Z.Y., Wang, Z.K., Jing, B.H., Zenkevitch, V.B., Veselovski, A.S., Kirienin, I.A., Baev, V.P. The test of a superconducting saddle magnet for MHD facility 94024
Lin, L.Z. *see* Li, J.D. 93908
Lin, L.Z. *see* Yan, L.G. 90456
Lin, M.-Y. *see* Breipohl, A.M. 89166
Lin, M.C. *see* Bu, Y. 81555
Lin, M.E., Huang, F.Y., Morkoc, H. Nonalloyed ohmic contacts on GaN using InN/GaN short-period superlattices 55646
Lin, M.E. *see* Morkoc, H. 81752
Lin, M.E. *see* Zhou, G.L. 71714
Lin, M.J., Neil, M.A.A., Paige, E.G.S. Integrated optic mode order converting and manipulating structures in strip waveguides 72361
Lin, M.S. *see* Hsieh, J.C. 50007
Lin, M.S. *see* Hsieh, J.C. 55981
Lin, M.W., Rogers, C.A. Bonding layer effects on the actuation mechanism of an induced strain actuator/substructure system 82214
Lin, M.W., Rogers, C.A. Induced strain actuation on a beam structure subjected to external loads 82215
Lin, P. *see* Hashemi, H. 91061
Lin, P. *see* Hsieh, I.J. 61337
Lin, P.I.-H. Development of fuzzy-logic processing objects for industrial control applications 68648
Lin, P.S.D. *see* Chung-En Zah 72838
Lin, P.S.D. *see* Hwang, D.M. 61038
Lin, P.S.D. *see* Wang, M.C. 63805
Lin, P.S.D. *see* Zah, C.E. 97283
Lin, Q., Luan, G., Wang, L., Xiang, L., Zichichi, A. Study of a low temperature electromagnetic valve 94756
Lin, R.-J., Chen, K.-J., Chu, Y.-S. Simulation study of the FDDI-ethernet bridging 58108
Lin, R.-M. *see* Hwang, H.-P. 55886
Lin, R.Y. *see* Jiang, S.H. 88061
Lin, R.Y. *see* Jiang, S.H. 98572
Lin, S. *see* Kasami, T. 73739
Lin, S. *see* Takata, T. 95188
Lin, S.-M. *see* Tsao, S.-H. 96270
Lin, S.-P., Gupta, S.K., Breuer, M.A. A low cost BIST methodology and associated novel test pattern generator 49301
Lin, S.B. *see* Tseng, B.H. 62450
Lin, S.C. *see* Tsou, R.H. 98710
Lin, S.Y. *see* Wen, Z. 94224
Lin, S.Z. *see* Bai, J.Z. 53324
Lin, T.-S. *see* Lee, L.-s. 84079
Lin, T.-S. *see* Pan, F.-M. 91623
Lin, T.-T. *see* Liou, H.-Y. 82849
Lin, T.L. *see* Gunapala, S.D. 55914
Lin, T.L. *see* Gunapala, S.D. 66366
Lin, T.L. *see* Park, J.S. 58746
Lin, T.T.Y. *see* Obac Roda, V. 49498
Lin, T.Y., Chen, Y.C. A congestion control approach for LAN/MAN interconnection via ATM 65288
Lin, V.S., Pottie, G.J. Channel coding for a frequency-hopped wireless transceiver 75180
Lin, W. Analytic approach to the static problem of two contacting spheres 51021
Lin, W. Field leakage of a channel guide with an opening 64091
Lin, W., Holmes, T.J., Szarowski, D.H., Turner, J.N. Data corrections for three-dimensional light microscopy stereo pair reconstruction 98815
Lin, W. *see* Bai, J.Z. 53324
Lin, W. *see* Hsu, R.T. 62251
Lin, W. *see* Huang, K. 73411
Lin, W. *see* Liu, C.T. 93616
Lin, W. *see* Wang, B.-Z. 83638
Lin, W.-S., Tsai, Y.-S., Wang, C.-H. Parameter estimation of squirrel-cage induction motors considering variable operating conditions 60206
Lin, W.-Y., Wei, C., Rajeshwar, K. Interfacial chemistry at metal/CdTe contacts as probed by differential scanning calorimetry 81546
Lin, W.G. *see* Wang, J.I. 71974
Lin, W.L. *see* Zhang, H.X. 53225
Lin, W.M., Tsay, M.T., Wu, S.W. Load assignment for determining substation service areas with the aid of digital mapping 99664
Lin, W.M. *see* Tsay, M.T. 53740
Lin, W.P. *see* Lundquist, P.M. 73102
Lin, W.P. *see* Zhang, T.G. 94659
Lin, W.T. *see* Adam, A. 88087
Lin, W.T. *see* Adam, A. 88102
Lin, W.T. *see* Adriani, O. 88023
Lin, W.X., Shen, H.Y., Zheng, R.R., Zhou, Y.P., Yu, G.F. Experimental research on dual wavelength Nd:YAG pulsed laser 56734
Lin, W.Y.C. *see* Chen, G.C.C. 87354
Lin, X., Steele, R. Subband coding with modified multipulse LPC for high quality audio 75793
Lin, X.-Z., Zhang, Y., An, H.-L., Liu, H.-D. Electrically tunable singlemode fibre Bragg reflective filter 56513
Lin, X.F., Nogami, J. Au on the Si(001) surface: room-temperature growth 70121
Lin, X.J., Addessi, L.J., Cullen, J.R., Jr., Esper, A.J., Green, M.A., Meier, R.E., Chien-Ih Pai, Snydstrup, L.P., Tallerico, T.N. Cryogenics for the muon g-2 superconducting magnet system 98479
Lin, X.W., Washburn, J., Liliental-Weber, Z., Weber, E.R., Sasaki, A., Wakahara, A., Nabetani, Y. Morphological transition of InAs islands on GaAs(001) upon deposition of a GaAs capping layer 79843
Lin, Y., Joos, G., Lindsay, J.F. Performance analysis of parallel-processing UPS systems 49170
Lin, Y. *see* Huang, K. 73411
Lin, Y.-C. *see* Fang, W.-C. 74506
Lin, Y.-S. *see* Chen, Y.-H. 57528
Lin, Y.-S. *see* Chen, Y.-H. 84446
Lin, Y.C. *see* Lu, C.N. 78092
Lin, Y.J., Fruehauf, G.L., Desai, M. An evaluation of seasonal impacts of a mechanical draft cooling tower 89608
Lin, Z. Three-valued nonmonotonic logic 49256
Lin, Z.W. *see* Xu, B. 95356
Lin, Z.Y., Chen, J.D.Z. Recursive running DCT algorithm and its application in adaptive filtering of surface electrical recording of small intestine 67569
Lin Bo-Shen *see* Bo-Shen Lin
Lin Bor-Ren *see* Bor-Ren Lin
Lin Chao-Hui *see* Chao-Hui Lin
Lin Chaung *see* Chaung Lin
Lin Chen Lu *see* Lohner, T. 49857
Lin Chen-Shang *see* Chen-Shang Lin
Lin Cheng-Tung *see* Cheng-Tung Lin
Lin Chenglu *see* Chenglu Lin
Lin Chern Sheng *see* Chern Sheng Lin
Lin Chern-Sheng *see* Chern-Sheng Lin
Lin Ch'i-Hsin *see* Ch'i-Hsin Lin
Lin Chi-Huei *see* Chi-Huei Lin
Lin Chia-Jen *see* Chia-Jen Lin
Lin Chih-chang *see* Chih-chang Lin
Lin Chih-Hsiang *see* Chih-Hsiang Lin
Lin Chih-Jen *see* Chih-Jen Lin
Lin Chii-Lian *see* Chii-Lian Lin
Lin Ching-lu *see* Ching-lu Lin
Lin Chinho *see* Chinho Lin
Lin Chinlon *see* Chinlon Lin
Lin Chiou Wen *see* Wen Lin Chiou
Lin Chuan *see* Chuan Lin
Lin Chuan-Fu *see* Chuan-Fu Lin
Lin Chun-Bo *see* Chun-Bo Lin
Lin Chun-Hsien *see* Chun-Hsien Lin
Lin Chun-Wei *see* Chun-Wei Lin
Lin Chung-Chieh *see* Chung-Chieh Lin
Lin Dah-Syang *see* Dah-Syang Lin
Lin Der-Gao *see* Der-Gao Lin
Lin Dongliang *see* Mao Dali 81347
Lin Faa-Jeng *see* Faa-Jeng Lin
Lin Feng A parametric iteration method of stochastic dynamic programming for optimal dispatch of hydroelectric plants 60120
Lin Feng *see* Feng Lin
Lin Feng-Bao *see* Feng-Bao Lin
Lin Fengyu Wind loads for transmission line 53768
Lin Fu-Jeng *see* Fu-Jeng Lin
Lin Fucheng *see* Zhou Zhiyao 72436
Lin Fucheng *see* Fucheng Lin
Lin Fujiang *see* Fujiang Lin
Lin Fuyau *see* Fuyau Lin
Lin Gen-Lan *see* Gen-Lan Lin
Lin Geng *see* Geng Lin
Lin Gong-Ru *see* Gong-Ru Lin
Lin Han, Lin-Su Tong, Jing Yang Integral equation method using total scalar potential for the simulation of linear or nonlinear 3D magnetostatic field with open boundary 83480
Lin Han-Bin *see* Han-Bin Lin
Lin Hao-Hsiung *see* Hao-Hsiung Lin
Lin He *see* He Lin
Lin Heh-Sen *see* Heh-Sen Lin
Lin Heyun, Zhou E On scalar potential in FEM analysis of 3D eddy current elec-magnetic field 73231
Lin Hong *see* Hong Lin
Lin Hong-Ming *see* Hong-Ming Lin
Lin Hongchin *see* Hongchin Lin
Lin Horng-Chih *see* Horng-Chih Lin
Lin Horng-Dar *see* Horng-Dar Lin
Lin Horng-Jyh *see* Horng-Jyh Lin
Lin How-Rern *see* How-Rern Lin
Lin Hsiao-Yi *see* Hsiao-Yi Lin
Lin Hu *see* Hu Lin
Lin Hua-kuan *see* Hua-kuan Lin
Lin Huang, Cheng, M.-C., Ying Wen Limitations of the displaced Maxwellian distribution for hot-electron transport in multi-valley semiconductors 81173
Lin Huang-Tien *see* Huang-Tien Lin
Lin Huei-Tsan *see* Huei-Tsan Lin
Lin Hui-Ju *see* Hui-Ju Lin
Lin Hung Chang *see* Hung Chang Lin
Lin Hung-Hsiang *see* Hung-Hsiang Lin
Lin Hung-Yu *see* Hung-Yu Lin
Lin Hwang-Kuen *see* Hwang-Kuen Lin
Lin Ing-Song *see* Ing-Song Lin
Lin Ja-Chen *see* Ja-Chen Lin
Lin Jandel *see* Jandel Lin
Lin Jea-Sen *see* Jea-Sen Lin
Lin Jean-Hsang *see* Jean-Hsang Lin
Lin Jeen-Shang *see* Jeen-Shang Lin
Lin Jen Chung *see* Jen Chung Lin
Lin Jen-Dau *see* Jen-Dau Lin
Lin Jen-Der *see* Jen-Der Lin
Lin Jen-Hon *see* Jen-Hon Lin
Lin Jenn-Wei *see* Jenn-Wei Lin
Lin Jenshan *see* Jenshan Lin
Lin Ji-Nan *see* Ji-Nan Lin
Lin Jian, Yu Mingbin, Zeng Zheng, Luo Jinsheng The simulation and analysis of high frequency performance of Si/SiGe HBT 81830
Lin Jian-Yi, Xia Xin-Shun A high carry frequency inverter with optimal PWM pattern 100382
Lin Jiang, Guangzhao Xu, Ping Jiang, Dong Lu, Xide Xie A theoretical study of the tunnelling spectroscopy of an electron waveguide 71172
Lin Jiang *see* Aiguo Fei 93292
Lin Jiang *see* Yijia Cao 89152
Lin Jiang *see* Jiang Lin
Lin Jianhua *see* Jianhua Lin
Lin Jiing-Yuan *see* Jiing-Yuan Lin
Lin Jiming *see* Jiming Lin
Lin Jin-Shin *see* Jin-Shin Lin
Lin Jing-Jenn *see* Jing-Jenn Lin
Lin Jing-Pei *see* Jing-Pei Lin
Lin Jing-Yue *see* Jing-Yue Lin
Lin Jinming *see* Chen Qiaofu 89818
Lin Jinming *see* Liu Shaoke 89819
Lin Jinming *see* Liu Shaoke 89820
Lin Jinming *see* Wu Wei 89865
Lin Jinming *see* Yin Huajie 89867
Lin Jiunn-Lee *see* Jiunn-Lee Lin
Lin Jong-Liang *see* Jong-Liang Lin
Lin Junyin *see* Wei Xiaoming 99792
Lin Jyh-Feng *see* Jyh-Feng Lin
Lin Jyh-Kuang *see* Jyh-Kuang Lin
Lin Jyh-Shyan *see* Jyh-Shyan Lin
Lin Jyhfong *see* Jyhfong Lin
Lin Kang-Chen *see* Kang-Chen Lin
Lin Kexong *see* Tian Wenshun 85470
Lin Kuan-Chung *see* Kuan-Chung Lin
Lin Kuan-Jen *see* Kuan-Jen Lin
Lin Kuei-Huei *see* Kuei-Huei Lin
Lin Kun-Chuan *see* Kun-Chuan Lin
Lin Kwang-Lung *see* Kwang-Lung Lin
Lin Lau Ping *see* Ping Lin Lau
Lin Lee Hsio *see* Hsio Lin Lee
Lin Li, Chung, D.D.L. Thermally conducting polymer-matrix composites containing both AlN particles and SiC whiskers 70176
Lin Li-Huang *see* Xu Zhi-Zhan 82890
Lin Liangchien *see* Liangchien Lin
Lin Ling *see* Li Gang 53425
Lin Ling *see* Ling Lin
Lin Liu *see* Liu Lin
Lin Lu Shih *see* Shih Lin Lu
Lin Mao-Chao *see* Mao-Chao Lin
Lin Maoliu, Gao Xiaoming, Sun Shenghe Testing jitter in high speed telecommunication systems 95073
Lin MaoLui, Shu DongMei Development of a VXIbus B-size special module used for measurement of time and distance 97774
Lin Maoyong *see* Zhang Running 85272
Lin Meng-Jang *see* Meng-Jang Lin
Lin Ming-Bo *see* Ming-Bo Lin
Lin Mneg Chiy *see* Mneg Chiy Lin
Lin Pao-Yi *see* Pao-Yi Lin
Lin Ping-Wha *see* Ping-Wha Lin
Lin Pingshi *see* Pan Zhongying 65889
Lin Pinxing *see* Pinxing Lin
Lin Pole-Shan *see* Pole-Shan Lin
Lin Pole-Shang *see* Pole-Shang Lin
Lin Psang Dain *see* Psang Dain Lin
Lin Qi The new three phase VFVA sine wave generator and the speed control of cycloconverter 100255
Lin Qi *see* Qi Lin
Lin Qian *see* Zhang Zhikang 53360
Lin Qiang *see* Liu Dekang 59016
Lin Qiguang *see* Qiguang Lin
Lin Qin Bai *see* Bai Lin Qin
Lin Ray-Ming *see* Ray-Ming Lin
Lin Riming *see* Cao Yansheng 77983
Lin Ruey-Yih *see* Ruey-Yih Lin
Lin Senmao *see* Senmao Lin
Lin Shaobo *see* Xie Jialin 72933
Lin Shen *see* Shen Lin
Lin Sheng Ji *see* Deng Yanping 74425
Lin Shin-Yeu *see* Shin-Yeu Lin

Lin Shu *see* Shu Lin
Lin Shueh-Sheng *see* Shueh-Sheng Lin
Lin Shujie, Zhang Yudong, Wu Bochang, Chen Chuangtian A temperature-tuned LiB_3O_5 optical parametric oscillator 50956
Lin Shuyu The three-dimensional equivalent circuit and the natural frequencies of rectangular piezoelectric ceramic resonators 93773
Lin Shuyu Study of the sandwiched piezoelectric ultrasonic torsional transducer 99350
Lin Shyan-Lung *see* Shyan-Lung Lin
Lin Shyh-Neng *see* Shyh-Neng Lin
Lin Shyue-Shyh *see* Shyue-Shyh Lin
Lin Sun *see* Sun Lin
Lin Sung-Chien *see* Sung-Chien Lin
Lin Sung-I *see* Sung-I Lin
Lin Taung-Pao *see* Taung-Pao Lin
Lin Terng-Jie *see* Terng-Jie Lin
Lin Ting-Pang *see* Ting-Pang Lin
Lin Ting-Ting *see* Ting-Ting Lin
Lin True-Lon *see* True-Lon Lin
Lin Tsann *see* Tsann Lin
Lin Tung-Sheng *see* Tung-Sheng Lin
Lin Ty-Cheng *see* Ty-Cheng Lin
Lin Tyson *see* Tyson Lin
Lin Tzung-Pao *see* Tzung-Pao Lin
Lin Wang, Kwok-Wah Hung Augmented ShuffleNet multihop lightwave networks 74656
Lin Wang *see* Kwok-Wah Hung 86230
Lin Wei *see* Zhou Zuoping 53062
Lin Wei *see* Wei Lin
Lin Wei-Chung *see* Wei-Chung Lin
Lin Wei-Liang *see* Wei-Liang Lin
Lin Wei-Song *see* Wei-Song Lin
Lin Wei-Xun *see* Wei-Xun Lin
Lin Wei-Zhu, Zhu De-Rui, Zeng Wen-Sheng, Pi Fei-Peng, Li Wei-Liang, Qiu Zhi-Ren, Huang Xu-Guang 18 fs pulses—new advance of CPM dye laser 50751
Lin Weigan *see* Liu Shuzhang 91648
Lin Weigan *see* Wang Shaoqing 91943
Lin Weigan *see* Zeng Xuegang 94780
Lin Weigan *see* Weigan Lin
Lin Weixun *see* Weixun Lin
Lin Wen-Gou *see* Wen-Gou Lin
Lin Won Yih *see* Won Yih Lin
Lin Wu Shye *see* Shye Lin Wu
Lin Xianshu, Jintao Ma Using artificial neural network to assess transient stability of power systems 88971
Lin Xiaodong *see* Xiaodong Lin
Lin Xin *see* Wang Euzhi 90249
Lin Xing Ping *see* Xing Ping Lin
Lin Xinggang *see* Li Jin 74427
Lin Xintian *see* Xintian Lin
Lin Xueyin *see* Xueyin Lin
Lin Yan *see* Chi Yan 100816
Lin Yan *see* Sun Hexu 89910
Lin Yang, Saavedra, S.S., Armstrong, N.R., Hayes, J. Fabrication and characterization of low-loss, sol-gel planar waveguides 50536
Lin Yao *see* Yao Lin
Lin Yi-Bing *see* Yi-Bing Lin
Lin Yi-Cheng *see* Yi-Cheng Lin
Lin Yih-Chuan *see* Yih-Chuan Lin
Lin Yih-Sheng *see* Yih-Sheng Lin
Lin Yin, Neuvo, Y. Fast adaptation and performance characteristics of FIR-WOS hybrid filters 74067
Lin Ying, Lu Mingzhe, Zhang Jianming, Fang Zhiliang, Liu Fulai, Mu Guoguang Design of binary serial-coded-filters by using Hopfield model 74471
Lin Yingwen, Yan Hua, Zhu Kunlun Fluoride fiber thermometer and its industrial application 52917
Lin Yinwen *see* Zhu Kunlun 66402
Lin Youn-Long *see* Youn-Long Lin
Lin Yu-De *see* Yu-De Lin
Lin Yuan-Pei *see* Yuan-Pei Lin
Lin Yucheng *see* Ge Hailin 97893
Lin Yue-Kae *see* Yue-Kae Lin
Lin Yung-Tsan *see* Yung-Tsan Lin
Lin Yuzheng *see* Zhao Zhentang 92872
Lin Zebo, Gao Jingde, Zheng Fengshi The study and application of a generalized digital simulation algorithm for power converters—induction machines system 100126
Lin Zhen Biao *see* Lu Jin 84578
Lin Zhen-Biao *see* Zhen-Biao Lin
Lin Zhencai *see* Ye Hua 80683
Lin Zheng The application of CAD in structure design for power transmission line tower 99718
Lin Zheng The application of dynamic programming theory for optimization of transmission line tower spotting 99719
Lin Zhenjin *see* Wu Xiaoshan 81443
Lin Zhi-Yue *see* Zhi-Yue Lin
Lin Zhou *see* Bai, J.Z. 53324
Lin-Cheng Xiu *see* Xiu Lin-Cheng
Lin-Gwo Liou *see* Soo-Chang Pei 84603
Lin-Gwo Liou *see* Soo-Chang Pei 84634
Lin-Gwo Liou *see* Soo-Chang Pei 95801
Lin-Shan Lee, Keh-Jiann Chen, Chiu-Yu Tseng, Renyuan Lyu, Lee-Feng Chien, Hsin-Min Wang, Jia-Lin Shen, Sung-Chien Lin, Yen-Ju Yang, Bo-Ren Bai, Chi-Ping Nee, Chun-Yi Liao, Shueh-Sheng Lin, Chung-Shu Yang, I-Jung Hung, Ming-Yu Lee, Rei-Chang Wang, Bo-Shen Lin, Yuan-Cheng Chang, Rung-Chiung Yang, Yung-Chi Huang, Chen-Yuan Lou, Tung-Sheng Lin Golden Mandarin(II)—an intelligent Mandarin dictation machine for Chinese character input with adaptation/learning functions 95300
Lin-Shan Lee *see* Jinn-Ja Chang 52332
Lin-Shan Lee *see* Jung-Fu Cheng 95100
Lin-Su Tong *see* Lin Han 83480
Lina, J.-M., Mayrand, M. Parameterizations for complex Daubechies wavelets 57604
Lina Yang *see* Haglund, R.F., Jr. 72363
Linamen, D.R. *see* Hansz, T.E. 76869
Linares, I., Mersereau, R.M., Smith, M.J.T. Enhancement of block transform coded images using residual spectra adaptive postfiltering 57903
Linares, J. *see* Michinel, H. 63946
Linares, L.R. *see* Marti, J.R. 88994
Linares, R. *see* de la Rosa, J. 87414
Linares-Barranco, B. *see* Serrano, T. 70304
Lincheng Zhao *see* Rao, C.R. 74082
Lincoln, D., Morrow, G., Kasper, P. A hidden bias in a common calorimeter calibration scheme 66111
Lincoln, J.R., Dymott, M.J.P., Ferguson, A.I. Femtosecond pulses from an all-solid-state Kerr-lens mode-locked Cr:LiSAF laser 82979
Lincoln, J.R., Ferguson, A.I. All-solid-state intracavity-doubled Nd:YLF laser producing 300 mW of 659-nm light 82980
Lincoln, J.R. *see* Dymott, M.J.P. 56666
Lincot, D. *see* Guillemoles, J.F. 79877
Lincot, D. *see* Guillemoles, J.F. 90397
Lincot, D. *see* Guillen, C. 71258
Lincot, D. *see* Ortega-Borges, R. 79875
Lincot, D. *see* Thouin, L. 81260
Lind, D., Hendrix, H. Process enhancements in plant operations of Destec's coal gasification plant in Louisiana 89698
Lind, P.C., Poehlman, W.F.S. Design of an expert-system-based real-time control system for a Van de Graaff particle accelerator 76288
Lind, R.F., Hylton, J.O., Remenyik, C.J., Carnal, C.L. Simulation of the SEMATECH gravimetric mass flowmeter calibrator 53082
Lind, T.A. *see* Aull, B.F. 56475
Lindahl, O.A., Nystrom, H., Bjerle, P., Bostrom, A. Grip strength of the human hand—measurements on normal subjects with a new hand strength analysis system (Hastras) 88360
Lindbald, A. A DSP implemented FSK detector generating side information in a frequency-hopping HF system 70334
Lindberg, B. *see* Jensen, U. 73785
Lindberg, C. Bandlimited regression 95524
Lindberg, J.F. *see* Voccio, J.P. 82414
Lindberg, L.-G. *see* Vegfors, M. 98860
Lindberg, L.-I. *see* Hallberg, O. 61049
Lindberg, M. *see* Gramsch, E. 56542
Lindberg, M. *see* Szawlowski, M.J. 56537
Lindberg, P. Improving SNR to improve ATR performance 74242
Lindberg, S.C. *see* Oliver, S.A. 87217
Lindblad, A. *see* Oscarsson, F. 75211
Lindbom, L. Simplified Kalman estimation of fading mobile radio channels: high performance at LMS computational load 86140
Lindborg, L. *see* Dutt, J.C. 88605
Linde, D.von der *see* von der Linde, D.
Linde, H.G. *see* Marine, S.S. 81596
Lindegaard, T. *see* Mogensen, M. 78810
Lindell, I.V., Ermutlu, M.E., Nikoskinen, K.I., Eloranta, E.H. Static image principle for two conducting anisotropic half-spaces with similar transverse anisotropies 64070
Lindell, I.V., Flykt, M.J. Image theory for DC problems involving a conducting half-space bounded by a perfect anisotropic impedance surface 57044
Lindell, I.V., Flykt, M.J. Image theory for DC problems involving a conducting half-space above an anisotropic impedance surface 64056
Lindell, I.V., Nikoskinen, K.I. Image method for electrostatic problems involving planar anisotropic media based on transmission-line analogy 64067
Lindell, I.V., Sihvola, A.H. Singularity of Green dyadic for bi-isotropic media 57066
Lindell, I.V., Sihvola, A.H., Tretyakov, S.A., Viitanen, A.J. Electromagnetic waves in chiral and bi-isotropic media 69309
Lindell, I.V., Weiglhofer, W.S. Green dyadic and dipole fields for a medium with anisotropic chirality 57096
Lindell, I.V., Weiglhofer, W.S. Green dyadic for a uniaxial bianisotropic medium 73296
Lindell, I.V. *see* Viitanen, A.J. 57076
Lindell, L.C., Jingui Li Advanced modeling techniques for harmonic analysis by computer 59714
Lindelof, P.E. *see* Baklanov, K. 53321
Lindelof, P.E. *see* Boisen, A. 81288
Lindelof, P.E. *see* Taboryski, R. 49796
Lindelof, R. *see* Nan-Chi Chou 92108
Lindemann, C. *see* German, R. 69706
Lindemann, L. *see* Schwille, W.J. 76785
Lindemans, F.W. *see* Malik, M. 77037
Linden, J.Th.Van Der *see* Van Der Linden, J.Th.
Linden, K. *see* Karam, N.H. 61253
Linden, M.B.von der *see* von der Linden, M.B.
Linden, W.E.van der *see* van der Linden, W.E.
Lindenbaum, M. *see* Katzir, N. 64587
Lindenfeld, M.J. Frequency-banded deconvolution by out-of-band penalty function 74205
Lindenmeier, H., Hopf, J., Reiter, L. Integrated antenna system on the rear window of a car for audio and television broadcast reception and mobile radio 58319
Lindenmeier, H. *see* Brose, J. 57248
Lindenmuth, R. *see* McGowan, R. 98129
Lindenthal, A. *see* Sayre, A.N. 76266
Linder, C. *see* Gretillat, M.-A. 66285
Linder, C. *see* Indermuehle, P.-F. 68925
Linder, C. *see* Jaecklin, V.P. 56404
Linder, C. *see* Jaecklin, V.P. 56433
Linder, C. *see* Jaecklin, V.P. 63532
Linder, J.A.F. *see* Harrison, G.H. 98934
Linder, T., Lugosi, G., Zeger, K. Recent trends in lossy source coding 64305
Linder, T., Zeger, K. Asymptotic entropy-constrained performance of tessellating and universal randomized lattice quantization 73716
Linder, T. *see* Zeger, K. 51352
Linderman, M., Leeser, M. Simulation of digital circuits in the presence of uncertainty 91822
Linders, J. *see* Enns, M. 68292
Linders, J.R. *see* Barnett, C.W. 54066
Lindgren, J.E. *see* Shen, S.S. 96091
Lindgren, L.-J. *see* Andersson, A. 53104
Lindgren, M., Trifonov, V., Zorin, M., Danerud, M., Winkler, D., Karasik, B.S., Gol'tsman, G.N., Gershenzon, E.M. Transient resistive photoresponse of $YBa_2Cu_3O_{7-\delta}$ films using low power 0.8 and 10.6 μm laser radiation 56521
Lindgren, M. *see* Danerud, M. 58749
Lindgren, M. *see* Danerud, M. 87181
Lindgren, M. *see* Karasik, B. 66353
Lindgren, P. *see* Bohm, C. 96228
Lindgren, S. *see* Phelan, P. 50723
Lindholm, D. *see* Velaga, A. 62344
Lindinger, M. *see* Dasgupta, K. 72712
Lindkvist, H., Andersson, P. Techniques for fast CMOS-based conditional sum adders 92059
Lindlein, N. *see* Schwider, J. 50543
Lindlein, N. *see* Sickinger, H. 82677
Lindman, P., Thorsell, L. Applying distributed power modules in telecom systems 68826
Lindmayer, J. *see* Xiangyang Yang 63356
Lindmayer, J. *see* Yang, X. 56314
Lindmayer, M. *see* Ming Sun 80949
Lindner, A., Liu, Q., Scheffer, F., Prost, W., Tegude, F.-J. Realization of highly strained short period InAs/GaAs superlattices by means of LP-MOVPE growth on InP substrates 54924
Lindner, A., Qiuming Liu, Scheffer, F., Prost, W., Tegude, F.-J. LP-MOVPE growth and characterization of short-period strained-layer superlattices (SPSLSs) on InP substrates 91513
Lindner, A. *see* Appuhn, R.D. 98542
Lindner, A. *see* Calvert, J. 66819
Lindner, A. *see* Janoth, J. 92905
Lindner, A. *see* Lakner, H. 81314
Lindner, A. *see* Scheffer, F. 56042
Lindner, A.F. *see* Ritchie, A.L. 76322
Lindner, B. *see* Rauprich, A. 59948
Lindner, D.K., Kirby, G., Sable, D. Power converters and power systems for piezoelectric actuators 90331
Lindner, E. *see* Neuman, M.R. 67453
Lindner, G. *see* Gluck, A. 66255
Lindner, H., Scheer, J., Kumar, A. Digitally controlled protection for a 220 kV substation: implementation and experiences 59988
Lindner, J., Hess, J., Reinhardt, M. Transmission and division methods in channels with frequency-selective fading 65690
Lindner, M., Anerella, M., Ganetis, G., Garber, R., Ghosh, A., Greene, A., Gupta, R., Jain, A., Kahn, S., Kelly, E., Killian, E., Morgan, G., Prodell, A., Rehak, M., Robins, K., Sampson, W., Shutt, R., Thomas, R., Thompson, P., Wanderer, P., Willen, E. Construction details and test results from RHIC sextupoles 82420
Lindoff, M. New-generation true pocket phones 96881
Lindow, H. *see* Piroth, H.G. 98968
Lindquist, A. *see* Byrnes, C.I. 57569
Lindquist, A. *see* Byrnes, C.I. 73991
Lindquist, C.S., Jun Shen New adaptive detection filters using Newton-type algorithms 84384
Lindquist, G.S. *see* Rivera-Colon, R. 95557
Lindquist, R.G., Kulick, J.H., Nordin, G.P., Jarem, J.M., Kowel, S.T., Friends, M., Leslie, T.M. High-resolution liquid-crystal phase grating formed by fringing fields from interdigitated electrodes 56453
Lindquist, R.G. *see* Nordin, G.P. 66621
Lindqvist, L.-E. *see* Adam, W. 88114
Lindroos, J. *see* Eskelinen, P. 67745
Lindroos, J. *see* Eskelinen, P. 91945
Lindroos, M. *see* Davidsson, P. 98546
Lindroos, M. *see* Delsing, P. 53072
Lindsay, J.F. *see* Campos, A. 78007
Lindsay, J.F. *see* Lin, Y. 49170
Lindsay-Stewart, A. *see* Xia, H.H. 75347
Lindsay-Stewart, A. *see* Xia, H.H. 86235
Lindsey, C. *see* Badgett, W. 74345
Lindsey, C.S., Denby, B., Haggerty, H. Drift chamber tracking with neural networks 76770
Lindsey, S. *see* Vasquez, B. 48704

Lindsey, T., Zipse, D.W., Krob, T.J.K. Grounding/earthing electrode studies. I 68313
Lindsey, W.C. Author's reply: "On the phase error variance of a first-order phase-locked loop in the presence of cochannel CW interference and additive noise" 91960
Lindsey, W.C. *see* Biyari, K.H. 74161
Lindsey, W.C. *see* Biyari, K.H. 74217
Lindsey, W.C. *see* van Alphen, D.K. 51308
Lindskog, E. *see* Sternad, M. 85213
Lindsley, M.M.LaBrosse *see* LaBrosse Lindsley, M.M.
Lindstedt, G., Olsson, G. Using ultrasonics for sensing in a robotic environment 53565
Lindstroem, G. *see* Borer, K. 53347
Lindstrom, B. *see* Robertsson, M.E. 94128
Lindstrom, G. *see* Bates, S.J. 53308
Lindstrom, G. *see* Feick, H. 98611
Lindstrom, G. *see* Schulz, T. 88105
Lindstrom, K. *see* Blad, B. 67572
Lindstrom, O. *see* Kivisaari, J. 68986
Lindstrom, R., Johansson, B. Measurements of, and propagation models for the wide-band HF channel 97023
Lindstrom, R., Vastberg, A. Using the Swedish Ionosonde Network 99172
Lindstrom, R. *see* Lundborg, B. 94828
Line, J.C., Ghosh, S. A methodology for constructing a stabilizing crash-tolerant application 96229
Linebarger, D.A., DeGroat, R.D., Dowling, E.M. Efficient direction-finding methods employing forward/backward averaging 74199
Linebarger, D.A., DeGroat, R.D., Dowling, E.M., Stoica, P. Constrained beamspace MUSIC 84533
Linebarger, D.A. *see* Dowling, E.M. 73277
Linebarger, D.A. *see* Fudge, G.L. 95403
Linebarger, D.A. *see* Fudge, G.L. 95536
Linebarger, D.J. *see* Djen, W.S. 65597
Linehan, L.L., Spinillo, G.T., Smith, R.S., Moreau, W.M., McCormick, B.C., Wood, R.L., Puttlitz, E.A., Collins, J.P., Miller, W.J. INR: a negative tone I-line chemically amplified photoresist 81639
Linehan, L.L. *see* La Tulipe, D.C. 81645
Lines, B.M., Hughes, D. Integration of real-time interactive speech with screen data on Local Area Networks: a step towards multimedia in a commercial/industrial environment 52108
Lines, N.P. *see* Corbett, N.C. 78451
Linet, V. *see* Bohineust, X. 73155
Linfield, E.H. *see* Billen, K. 71314
Linfield, E.H. *see* Brown, K.M. 54887
Linfield, E.H. *see* Daniels, M.E. 62275
Linfield, E.H. *see* Frost, J.E.F. 62910
Linfield, E.H. *see* Kurobe, A. 81969
Linfield, E.H. *see* Kurobe, A. 92994
Linfield, E.H. *see* Patel, N.K. 55629
Linfield, E.H. *see* Patel, N.K. 81335
Linford, G.J. Output power characteristics of the neutral xenon long laser 82936
Linford, G.J. SBS pulse compression for excimer inertial fusion energy drivers 83414
Linford, R.S. *see* Hamer, C.F. 48595
Ling, C.C., Landry, J.C., Davee, H., Chin, G., Rebeiz, G.M. Large area bolometers for THz power measurements 58681
Ling, C.C., Rebeiz, G.M. A 94 GHz planar monopulse tracking receiver 97402
Ling, C.C. *see* Beling, C.D. 87662
Ling, C.C. *see* Nath, R. 77051
Ling, C.C. *see* Shan, Y.Y. 81226
Ling, C.H. Trap generation at Si/SiO_2 interface in submicrometer metal-oxide-semiconductor transistors by 4.9 eV ultraviolet irradiation 71624
Ling, C.H., Ah, L.K., Choi, W.K., Tan, S.E., Ang, D.S. Hot-electron degradation in NMOSFET's: results from temperature anneal 71664
Ling, C.H., Ang, D.S., Tan, S.E. Spatially uniform degradation in nMOSFETs: evidence from gate capacitance and charge pumping current 93368
Ling, F. Digital rate conversion with a non-rational ratio for high speed echo-cancellation modem 85969
Ling, H.C. *see* LeGrange, J.D. 63410
Ling, J. *see* Takatani, S. 67512
Ling, M.P. *see* Sung, J.M. 71827
Ling, P.C.Y. *see* McQuade, F. 56228
Ling, T.Y. *see* Bylsma, B. 59179
Ling, W.Y., Huai, W.D., Ting, C.H., Wei, Y.D. The study of PZT ferroelectric thin film and composite with amorphous silicon 56121
Ling, Y.C. *see* Shye Lin Wu 49866
Ling, Z.G., Ajmera, P.K., Kousik, G.S. Nondestructive measurement of bulk lifetime and surface recombination velocities 100486
Ling Bo *see* Bo Ling
Ling Chen *see* Kusaka, K. 96981
Ling Du *see* Yao Wang 56991
Ling Fuyun *see* Fuyun Ling
Ling Hao *see* Cochran, A. 82385
Ling Jeeng-Min *see* Jeeng-Min Ling
Ling Jun *see* Deng Heng 92904
Ling Kuok-Mee *see* Kuok-Mee Ling
Ling Li *see* Li Ling
Ling Lin, Li Cao, Da-Jin Wu First-order-like transition for colored-noise saturation models of dye lasers 63681
Ling Lin *see* Lin Ling
Ling Niu *see* Niu Ling
Ling Nu *see* Jun Yang 95140
Ling Qin *see* Xiang-Wen Chen 92469
Ling Qin *see* Qin Ling
Ling Qiu *see* Qiu Ling
Ling Rongtang *see* Rongtang Ling
Ling Wang *see* Wang Ling
Ling Xiaoping *see* Xiaoping Ling
Ling Xieting, Dong Guojie The analysis and simulation of CMOS continuous-time current-mode filter 61790
Ling Zhang *see* Zhang Ling
Ling-Hwei Chen *see* Peng-Yeng Yin 95905
Ling-Yang Kung *see* Shiou-Wen Lu 85841
Ling-Yao Chou *see* Shih-Jen Wang 99871
Linga, K.R., Joshi, A.M., Ban, V.S., Mason, S. 1024 element linear $In_xGa_{1-x}As/InAs_yP_{1-y}$ detector arrays for environmental sensing from 1 μm to 2.6 μm 66327
Lingas, A. A linear-time construction of the relative neighborhood graph from the Delaunay triangulation 79742
Lingdi Ping *see* Xuezeng Pan 80041
Lingen, K.van der *see* van der Lingen, K.
Lingenauber, G. *see* Boswell, J. 97017
Linghui Wang *see* Wang Linghui
Lingjun Zhang *see* Zhang Lingjun
Lingren, C. *see* Butler, J.F. 98816
Lingxiong Shao, Billings, J., Pfeiffer, N., Kung, H.F. Concentration recovery for SPECT CNS dopamine-receptor studies for monkeys 67467
Lingyi Zhang *see* Zhang Lingyi
Linh Truong Hong *see* Hong Linh Truong
Linhjell, D., Lundgaard, L., Berg, G. Streamer propagation under impulse voltage in long point-plane oil gaps 63091
Linholm, L.W. *see* Allen, R.A. 62975
Linholm, L.W. *see* Cresswell, M.W. 55838
Linholm, L.W. *see* Cresswell, M.W. 81714
Linholm, L.W. *see* Cresswell, M.W. 81726
Linholm, L.W. *see* Khera, D. 62954
Linholm, L.W. *see* Teague, E.C. 55837
Linholm, L.W. *see* Zincke, C. 66232
Linial, N., Rabinovich, Y. Local and global clique numbers 54675
Lining Sun *see* Sun Lining
Link, D.J. Comparison of the effects of near-field and distributed atmospheric turbulence on the performance of an adaptive optics system 94842
Link, J. *see* Schwille, W.J. 76785
Linkai Ding *see* Ding Linkai
Linke, F. *see* Brunner, S. 56374
Linke, F. *see* Frank, W.F.X. 56408
Linke, R.A. *see* Thio, T. 81743
Linkens, D.A., Shieh, J.S., Peacock, J.E. Machine-learning rule-based fuzzy logic control for depth of anaesthesia 59397
Linkin, V. *see* Pershin, S. 77348
Linlin Li Static and dynamic properties of injection-locked semiconductor lasers 83059
Linlin Li A unified description of semiconductor lasers with external light injection and its application to optical bistability 83062
Linlin Li *see* Li Linlin
Linman, D. High reliability mass reflow of fine pitch 92766
Linman, D. High reliability mass reflow of fine pitch 92797
Linn, J. Generic interface to security services 65034
Linna Zeng *see* Zeng Linna
Linnarsson, M.K. *see* Svensson, B.G. 49856
Linnartz, J.-P.M.G. Wireless communication improves traffic and transportation; New services require new cellular architecture 65710
Linnartz, J.-P.M.G., Awater, G.A., Venema, R.-J. Throughput of inhibit sense multiple access with propagation delays 51788
Linnartz, J.-P.M.G., Westerman, M. Performance analysis of road traffic data collection system 86157
Linnartz, J.-P.M.G. *see* Kerkhoff, M. 58335
Linnartz, J.-P.M.G. *see* Yee, N. 86065
Linnartz, J.-P.M.G. *see* Yun, L.C. 97165
Linnartz, J.P.M.G., Vvdenskaya, N.D. Optimising delay and throughput in packet-switched CDMA network with collision resolution using stack algorithm 85269
Linne, C. *see* Wolny, M. 92963
Linnecar, T.P.R. *see* Boussard, D. 76511
Linnemann, J. *see* Einfeld, D. 59217
Linnemann, J. *see* Einfeld, D. 66834
Linnenbank, A.C. *see* Kemmelings, J.G.C. 88488
Linnert, U. New methods of network simulation in state space compared with the difference admittance method 100103
Linnik, A.I. *see* Nikolaev, E.I. 82705
Linnik, V.D. *see* Sysoev, B.I. 61379
Linnik, V.M. *see* Urlin, V.D. 50734
Linnington, P.F. Co-ordinating stored media 86704
Lins, W. *see* Biebricher, M. 56464
Linscott, I. *see* Aguero, V. 88632
Linscott, I. *see* Fox, J.D. 76552
Linscott, I. *see* Hindi, H. 76503
Linscott, I. *see* Sapozhnikov, L. 98468
Linscott, I.R. *see* Holmann, E. 92001
Linsen Chen *see* Chen Linsen
Linser, G. *see* Fanti, V. 76788
Linser, L. *see* Bence, R. 96774
Linsheng Qi *see* Qi Linsheng
Linsheng Zheng *see* Zheng Linsheng
Linshu Mi *see* Mi Linshu
Linssen, L. RD1 scintillating fibre calorimeter studies 53295
Linstrom, H.J. *see* Fischle, M. 99732
Lintelo, H.te *see* te Lintelo, H.
Linton, D. *see* Parks, G. 55429
Linton, R.L., Agonaber, D. Coarse and detailed CFD modelling of a finned heat sink 91082
Linton, R.L., Agonafer, D. Thermal model of a PC 69566
Linxian Bai *see* Bai Linxian
Linxian Kang *see* Kang Linxian
Linzel, R.C., Long, H.W., Collings, P. A retrofit of an analog DC drive with digital control on a winder 79056
Linzer, E. *see* Coppersmith, D. 57563
Linzhu Chen *see* Chen Linzhu
Linzhuang Gao *see* Gao Linzhuang
Liokumovich, L.B. *see* Gasyuk, V.I. 97285
Lion, Y. *see* Manivannan, G. 57006
Lionetti, D.J. High I/O isolation in LED-MOS relays opens up application horizons 49694
Lionheart, W. *see* Paulson, K. 67517
Lionheart, W.R.B. *see* Zhu, Q.S. 67555
Lions, T.Arnaud des *see* Arnaud des Lions, T.
Liou, C.S.J. *see* Lure, Y.S.F. 98871
Liou, H.-Y., Lin, T.-T. Analysis on link failures in free-space optical interconnects 82849
Liou, J.J. A model-based comparison of the performance of AlGaAs/GaAs and Si/SiGe heterojunction bipolar transistors (HBTs) including thermal effects 71615
Liou, J.J., Huang, C.I. On the surface recombination current of HBTs. A different perspective 93358
Liou, J.J., Huang, C.I., Bayraktaroglu, B., Williamson, D.C., Parab, K.B. Base and collector leakage currents of AlGaAs/GaAs heterojunction bipolar transistors 81828
Liou, J.J., Parab, K.B., Huang, C.I., Bayraktaroglu, B., Williamson, D.C. Base and collector leakage currents and their relevance to the reliability of AlGaAs/GaAs heterojunction bipolar transistors 62693
Liou, J.J. *see* Ho, C.S. 80539
Liou, J.J. *see* Ho, C.S. 92441
Liou, J.J. *see* Kager, A. 81833
Liou, J.J. *see* Kager, A. 93349
Liou, J.J. *see* Ortiz-Conde, A. 49991
Liou, J.J. *see* Ortiz-Conde, A. 62780
Liou, L.-C. *see* Nabet, B. 66342
Liou, L.L., Bayraktaroglu, B. Thermal stability analysis of AlGaAs/GaAs heterojunction bipolar transistors with multiple emitter fingers 55402
Liou, L.L., Bayraktaroglu, B., Huang, C.I. Thermal runaway analysis of high power AlGaAs/GaAs heterojunction bipolar transistors 62728
Liou, L.L. *see* Kager, A. 81833
Liou, L.L. *see* Kager, A. 93349
Liou, M.L. Advances in image/video signal processing 95894
Liou, M.L. *see* Renxiang Li 96094
Liou, M.L. *see* Reoxiang Li 84759
Liou, R., Hsu, T., Roth, G., Gundersen, M., Kirkman, G. A variable pulse-length electron beam from the back-lighted thyratron 71054
Liou, R. *see* Barletta, B. 76636
Liou, R. *see* Hsu, T.-Y. 76725
Liou, R. *see* Nakamura, K. 87878
Liou, R. *see* Pitchford, L. 76726
Liou, R.L. *see* Hsu, T.-Y. 81609
Liou, T. *see* Xie, S.W. 56868
Liou, W.-R., Roblin, P. High frequency simulation of resonant tunneling diodes 71579
Liou, W.-R. *see* Fang, Y.K. 93310
Liou Hsien-Chin *see* Hsien-Chin Liou
Liou Huay-Chung *see* Huay-Chung Liou
Liou Huoy-Yu *see* Huoy-Yu Liou
Liou Jiann-Jhy *see* Jiann-Jhy Liou
Liou Kan-Lee *see* Kan-Lee Liou
Liou Lin-Gwo *see* Lin-Gwo Liou
Liou Tsyr-Shyang *see* Tsyr-Shyang Liou
Liou Yeuh-Yeong *see* Yeuh-Yeong Liou
Liou Yong-Cheng *see* Yong-Cheng Liou
Liou Yung *see* Yung Liou
Lioupas, Z., Manolessos, Y., Theologou, M. Structuring principles for total quality management in IBCN 96509
Lioupas, Z.V., Theologou, M.E. Domains and policies in third generation mobile network management systems 85525
Liow, J.-S. *see* Xu, X.-L. 59334
Liow, J.-S. *see* Xu, X.-L. 88461
Liow Yuh-Tay *see* Yuh-Tay Liow
Lioy, A. *see* Lavagno, L. 92012
Lipa, J.A. *see* Kirschman, R.K. 66317
Lipari, J.J. *see* Berndt, M. 55911
Lipe, T.E. *see* De-Xiang Huang 87108
Lipei Huang, Tadokoro, Y., Matsuse, K. Deadbeat flux level control of direct-field-oriented high-horsepower induction servo motor using adaptive rotor flux observer 78668
Lipei Huang *see* Huang Lipei

Lipeika, A., Lipeikiene, J. Speaker identification 64397
Lipeikiene, J. Data compression methods. Application to ECG 67596
Lipeikiene, J. *see* Lipeika, A. 64397
Lipeles, R.A. *see* Lin, C.T. 54934
Lipiec, M. Magnetic tape "structural" model for analysis of analog and digital signal recordings 93883
Liping Cao *see* Cao Liping
Liping Yang *see* Yang Liping
Lipinski, A. *see* Mycielski, W. 81175
Lipinski, M. *see* Kuznicki, Z.T. 100479
Lipka, J. *see* Michalikova, M. 72070
Lipka, K.-M., Splingart, B., Erben, U., Kohn, E. LT-GaAs-MIS-diode characteristics and equivalent circuit model 62858
Lipkin, I.M. *see* Kapchinskiy, I.M. 76313
Lipko, A.L. *see* Evstropov, V.V. 49816
Lipman, E.A. *see* Donnelly, T.D. 72705
Lipman, J. *see* Coli, V.J. 70393
Lipnicky, M. *see* Lanz, P. 67162
Lipnitskii, V.I., Savchuk, V.A., Korzun, B.V., Makovetskii, G.I., Popelnjuk, G.P. The recombination in Zn, Cd and Hg-doped $CuAlS_2$ 63555
Lipnitskii, V.I. *see* Savchuk, V.A. 63556
Lipo, T. *see* Mertens, A. 78727
Lipo, T.A. *see* Abeyratne, S.G. 68798
Lipo, T.A. *see* Alan, I. 68635
Lipo, T.A. *see* Arefeen, M.S. 60200
Lipo, T.A. *see* Arefeen, M.S. 69070
Lipo, T.A. *see* Arefeen, M.S. 89897
Lipo, T.A. *see* Caricchi, F. 60523
Lipo, T.A. *see* Chen, S. 60539
Lipo, T.A. *see* Chiping Sun 89974
Lipo, T.A. *see* Erkuan Zhong 69079
Lipo, T.A. *see* Feng Liang 60193
Lipo, T.A. *see* Fu, J.-R. 60538
Lipo, T.A. *see* Fu, J.-R. 68766
Lipo, T.A. *see* Jen-Ren Fu 90534
Lipo, T.A. *see* Kreindler, L. 60226
Lipo, T.A. *see* Kreindler, L. 60542
Lipo, T.A. *see* Kutkut, N.H. 89941
Lipo, T.A. *see* Law, J.D. 89896
Lipo, T.A. *see* Li, H.-Y. 68556
Lipo, T.A. *see* Lorenz, R.D. 89936
Lipo, T.A. *see* Luo, X. 68592
Lipo, T.A. *see* Matsuo, T. 60198
Lipo, T.A. *see* Matsuo, T. 78585
Lipo, T.A. *see* Muljadi, E. 68616
Lipo, T.A. *see* Muljadi, E. 78638
Lipo, T.A. *see* Osama, M. 89955
Lipo, T.A. *see* Shaotang Chen 78887
Lipo, T.A. *see* Zhao, Y. 60364
Lipoff, S.J. Personal communications networks bridging the gap between cellular and cordless phones 52389
Lipoff, S.J. *see* Griffis, P.D. 52667
Lipovskii, A.A., Nikonorov, N.V., Lokalov, V.A. Study of optically waveguiding structures formed in potassium titanyl phosphate by ion exchange 82641
Lipowicz, U. *see* Dziuban, J. 66178
Lipp, A., Gu, X. Cycle-slip detection and repair in integrated navigation systems 65990
Lipp, A. *see* Xiaogang Gu 67711
Lipp, H.M. *see* Dudziak, H. 61625
Lipp, H.M. *see* von Steuber, O. 92067
Lipp, J.F. New choices for testing hub-centric LANs 85643
Lipp, M.J., O'Brien, J.J. Intracavity laser spectroscopy of RF plasmas of methane and benzene used in depositing diamondlike carbon films 79894
Lipp, W., Sagrestani, V., Sarrica, R. Integrated GPS/fibre optic gyro land navigation system 67940
Lippens, D. *see* Burgnies, L. 55607
Lippens, P.E.R. *see* Grant, D.M. 49316
Lipper, E.H., Rumsewicz, M.P. Teletraffic considerations for widespread deployment of PCS 86129
Lipper, E.H. *see* Erramilli, A. 86779
Lipphardt, B. *see* Schnatz, H. 86824
Lippi, I. *see* Gasparini, F. 53303
Lippi, M. *see* Conti, M. 59206
Lippincott, D.W. The aesthetics of UG transmission [underground power cable] 78131
Lippis, N., McClellan, R. Gauging service options for global LAN interconnect 96631
Lippman, A. The distributed Media Bank 85768
Lippman, A. *see* Jenq-Neng Hwang 95392
Lippman, A.F. *see* Hwang, J.-N. 74508
Lippmann, G., Pimiskern, K., Kaiser, H. New achievements in RF cavity manufacturing 67112
Lippmann, J. *see* Steinhagen, H. 99188
Lippmann, L., Jr. A low cost development system for DSP applications 70639
Lippmann, R.P., Kukolich, L., Singer, E. LNKnet: neural network, machine learning, and statistical software for pattern classification 51557
Lippmann, R.P., Singer, E. Hybrid neural-network/HMM approaches to wordspotting 73824
Lippold, G. *see* Yakushev, M.V. 49791
Lippold, H. *see* Burger, J. 98570
Lipsanen, H. *see* Ahopelto, J. 79841
Lipsanen, H.K., Airaksinen, V.M. Growth and characterization of a GaAs/AlAs superlattice with variable layer thicknesses 54919
Lipsett, L. *see* Youst, D.B. 90840
Lipsett, M.G. *see* Schwarz, H.D. 67134
Lipski, T., Ossowicki, J. Some aspects of application of stone-sand arc-quenching medium in HBC fuses 90266
Lipski, T. *see* Cwidak, K. 90260
Lipski, T. *see* Jakubiuk, K. 90263
Lipton, K.I. Flux removal—the industry's view of the future 81072
Lipton, R.J. A new approach to information theory 83904
Lipton, R.J. *see* Blum, A. 73761
Lipton, S. *see* Kamadolli, S. 68354
Lipton, S. *see* Krikeles, B. 68144
Liqin Lu *see* Brown, B.H. 67551
Liqin Shen *see* Shen Liqin
Liqing Zhang *see* Zhang Liqing
Liquan Chen *see* Wei Zhao 87338
Liquan Song *see* Song Liquan
LiQun Hu *see* XiaoDong Zhang 53205
Liqun Qi *see* Xiaojun Chen 54709
Liren Liu, Bo Cui, Liying Zhao Optical cellular fuzzy logic gray-scale image processor 51614
Liren Liu, Xuejun Zhang, Zibei Zhang Gray-tone image processing by threshold superposition in an optical cellular-logic binary-image processor 74442
Liren Liu, Zibei Zhang, Xuejun Zhang One-operation image algebra and optoelectronic cellular two-layer logic array 63515
Liren Liu *see* Changhe Zhou 56481
Liren Liu *see* Zhaohui Zhu 82793
Lirkov, I.D., Margenov, S.D., Vassilevski, P.S. Circulant block-factorization preconditioners for elliptic problems 79692
Lis, R.J., Zhao, J.H., Zhu, L.D., Illan, J., McAfee, S., Burke, T., Weiner, M., Buchwald, W.R., Jones, K.A. An LPE grown InP based optothyristor for power switching applications 55940
Lis, S.A., Henshaw, P.D., Cheifetz, M.G. Experimental demonstration of ultra-dense 4D holographic mass storage 56320
Lis, S.A. *see* Henshaw, P.D. 56305
Lis, S.A. *see* Henshaw, P.D. 56478
Lisak, R. *see* Voinigescu, S. 62220
Lisak, R. *see* Voinigescu, S.P. 55664
Lisboa, O., Jen, C.K. An optical-fiber bending sensor using two-mode fibers with an off-center core 87269
Lisboa, O., Tsukahara, Y., Neron, C., Jen, C.K. Quasi-distributed optical fiber sensors using multiple frequency shifters 52904
Lisboa, O., Tsukahara, Y., Neron, C., Jen, C.K. A quasi-distributed optical fiber sensor 87268
Lischinski, D., Tampieri, F., Greenberg, D.P. Combining hierarchical radiosity and discontinuity meshing 57807
Lischka, H., Henschel, H., Kohn, O., Lennartz, W., Schmidt, H.U. Radiation effects in light emitting diodes, laser diodes, photodiodes, and optocouplers 72589
Lischka, K. *see* Lang, M. 61293
Lischka, K. *see* Schikora, D. 61282
Lisdat, F., Moritz, W. Investigation of polymer membranes for diffusion restriction in miniaturised reference sensors 75957
Lisec, T. *see* Fuhr, G. 57065
Lisetski, L. *see* Krainov, I. 60487
Lishchenko, A.I., Farenyuk, A.P., Kuz'min, M.A. A mathematical model for a ship power installation based on an induction generator with capacitive excitation and A/D control system 90611
Lishing Liu Partial address directory for cache access 55273
Lisi, E., Colonna, N. Position reconstruction in two-dimensional position-sensitive silicon detectors: a new analytical method 88096
Lisin, A.A. *see* Vasiltsov, V.V. 56633
Lisio, M.P.de *see* de Lisio, M.P.
Lisitsyn, M.V., Kosareva, E.G. Multiply-connected automatic control system for electric power installations 78530
Liska, B., Carlisle, L., McCauley, G., Ellis, S., Ilg, T., Smith, P. Special design problems and solutions for high powered continuous duty linacs 76303
Lisovoi, B.V. *see* Debelyi, A.V. 81803
Lisowski, B. *see* Anghinolfi, F. 88228
Lisowski, B. *see* Anghinolfi, F. 98663
Lisowski, B. *see* Bates, S.J. 53308
Lisowski, B. *see* Beaumont, S.P. 88037
Lisowski, B. *see* Borer, K. 53347
Lisowski, M., Nowak, J. Study of magnetic susceptibility processing in an increment of the total flux 87450
Lisowski, P. *see* Krusin-Elbaum, L. 63282
Liss, W.J., Jr. *see* Becker, D.C. 85548
Lissandrello, G.J. The software export industry of developing countries 96313
Lissauer, D. *see* Benary, O. 53327
Lissauer, D. *see* Benary, O. 98517
Lissauer, D. *see* Benary, O. 98640
Lissor, J.P. *see* Marine, S.S. 81596
List, E. *see* Kusch, S. 63505
List, E. *see* Kusch, S. 82759
List, P. Picture coding standards 57630
List, R.S., Tregilgas, J.H., Turner, A.M., Beck, J.D., Ehmke, J.C. Electrical effects of subgrain boundaries, twins, dislocations and Te precipitation on LWIR HgCdTe photodiode arrays 94275
Listanti, M. *see* Bagnoli, G. 96417
Listanti, M. *see* Baiocchi, A. 51849
Listanti, M. *see* Baiocchi, A. 64954
Lister, J.M.D., Divall, E.J., Downes, S.W., Edwards, C.B., Hirst, G.J., Hooker, C.J., Key, M.H., Ross, I.N., Shaw, M.J., Toner, W.T. Sprite—a very high brightness, ultraviolet laser system 63668
Lister, J.M.D. *see* Key, M.H. 50731
Lister, J.M.D. *see* Osvay, K. 83280
Lister, J.M.D. *see* Ross, I.N. 63669
Lister, P.F. *see* Pearce, S.F. 85915
Lister, S.J.S. *see* Yeoh, C.T.H. 58926
Listerman, T.W. A useful and challenging take-home examination: characterization of an imaginary semiconductor sample 69418
Listopad, A.P. *see* Burov, L.I. 56645
Listvin, A.V., Listvin, V.N., Potapov, V.T., Tverdov, S.V. Passive fiber-optic accelerometer 98047
Listvin, V.N. *see* Listvin, A.V. 98047
Lisurenko, V.A. *see* Grishaev, S.I. 88136
Lisyuk, Yu.V. *see* Kulikov, V.D. 50111
Liszkowski, P. *see* Turek, K. 49021
Lit, J.W.Y. *see* Feng Zhang 66389
Lit, J.W.Y. *see* Jianluo Zhang 56705
Lit, J.W.Y. *see* Jianluo Zhang 72964
Lit, J.W.Y. *see* Wartak, M.S. 94611
Lit, J.W.Y. *see* Zhang, J. 63407
Lita, A. *see* Mihailescu, I.N. 93189
Litch, S. *see* Pham, D. 92287
Lithner, J. Comparing two versions of Markov's inequality on compact sets 54754
Litido, M.I., Cavallini, A., Chili, L. Local recording practice in dose record keeping in Italy 88604
Lititskii, V.A., Bagdasarov, R.E., Vtorov, M.F., Bogachek, L.N., Chapaev, V.M. Measurement of reactivity when a background component is present in the input signal by the method of the inverse solution of the kinetic equations 99030
Litka, T.J. An overview of reactor vessel internals segmentation for nuclear plant decommissioning 89498
Litman, A., Pearl, A., Rogers, S.R. CD-SEM metrology using BSE detection 87524
Litova, A.M. *see* Agalakov, Yu.G. 82552
Litovchenko, K. *see* Etkin, V. 77450
Litovchenko, V.G. *see* Brozek, T. 93068
Litovski, V., Glozic, D., Bayford, R. ASCOTA3 ADIL: a new reconfigurable CMOS analogue VLSI design framework 71794
Litsios, J. *see* Fichtner, W. 93299
Litsyn, S., Vardy, A. Two new upper bounds for codes of distance 3 73653
Litsyn, S., Vardy, A. The uniqueness of the Best code 95209
Litsyn, S. *see* Cohen, G. *(editor)* 60772
Litt, A.W. *see* Feinberg, D.A. 67532
Little, B.E. Optical-induced spectral tuning in grating-assisted nonlinear couplers 72355
Little, C.E. *see* Astadjov, D.N. 72693
Little, C.E. *see* Jones, D.R. 49174
Little, C.E. *see* Jones, D.R. 82906
Little, C.E. *see* Jones, D.R. 82955
Little, C.E. *see* Jones, D.R. 94327
Little, C.E. *see* Sabotinov, N.V. 82909
Little, G.R., Gustafson, S.C., Nikolaou, V.E. Multiperspective autostereoscopic display 77171
Little, G.R. *see* Gustafson, S.C. 74373
Little, J.J. *see* Boyd, J.E. 84804
Little, J.W., Powers, R.K., Michelson, P., Moore, D., Robinson, L.R., Goldstein, B. Electrodiagnosis of upper limb weakness in acute quadriplegia 59395
Little, J.W. *see* Faska, T.S. 66451
Little, J.W. *see* Faska, T.S. 87298
Little, J.W. *see* Towner, F.J. 66330
Little, L.T., Davies, S.R. A simple multiple beam LO coupler for SIS heterodyne arrays 61871
Little, L.T. *see* Claude, S.M.X. 93951
Little, M.R. *see* Janes, R. 56239
Little, T. *see* Walters, D. 60146
Little, T.D.C., Ahanger, E., Folz, R.J., Gibbon, J.F., Reeve, F.W., Schelleng, D.H., Venkatesh, D. A digital on-demand video service supporting content-based queries 66026
Little, T.D.C., Venkatesh, D. Client-server metadata management for the delivery of movies in a video-on-demand system 74791
Little, T.R. *see* Argade, P.V. 70586
Littlefair, P.J. A comparison of sky luminance models with measured data from Garston, United Kingdom 100936
Littlefield, M. *see* Grimm, K.A. 53504
Littlehales, P.A., Lewis, C.P., Bishop, S.R. Application of chaos theory to digital transducer design 58703
Littlejohn, M.A. *see* Ellis-Monaghan, J.J. 62765
Littlejohn, M.A. *see* Tian, H. 62912
Littlejohn, M.A. *see* Tian, H. 93374
Littlejohn, M.A. *see* Woolard, D.L. 49940
Littlejohn, M.A. *see* Woolard, D.L. 81761
Littler, C.L. *see* Syllaios, A.J. 92961
Littler, I.C.M. *see* Kowalski, F.V. 56825

Littlewood, B. *see* Brocklehurst, S. 79504
Littman, M. *see* Brothers, L. 96563
Littmann, B. *see* Bruns, W. 67226
Littmann, L. *see* Splinter, R. 67463
Litva, J., Yuan Zhuang, Liang, A. Modelling study of coaxial collinear antenna array 95019
Litva, J. *see* Fengzhen Wang 97500
Litva, J. *see* Ji Chen 91399
Litva, J. *see* Ke-Li Wu 92566
Litva, J. *see* Leung, H. 74025
Litva, J. *see* Lo, T. 51435
Litva, J. *see* Lo, T. 86566
Litva, J. *see* Lo, T. 96963
Litva, J. *see* Navarro, E.A. 94897
Litva, J. *see* Ping-Ya Zhao 80562
Litva, J. *see* Ping-Ya Zhao 95489
Litva, J. *see* Ping-Ya Zhao 95827
Litva, J. *see* Wang, F. 58514
Litvak, I.A. Canadian technology-based SMEs: the entrepreneurial roller coaster 60838
Litvak, I.I. Display means design by the synthesis of ergonomic and engineering studies 52992
Litvin, A.I. Methods of constructing orthogonal discrete functions 57485
Litvin, A.I. Check of digital circuits of computers and multiprocessor computer systems by means of Walsh and Fourier transforms 61619
Litvin, K., Burm, J., Woodard, D., Schaff, W., Eastman, L.F. High speed optical detectors for monolithic millimeter wave integrated circuits 65860
Litvin, K.I. *see* Burm, J. 75981
Litvin, L.V. *see* Bykov, A.A. 81326
Litvin, L.V. *see* Bykov, A.A. 82002
Litvinenko, A.G. *see* Afanasiev, S.V. 52771
Litvinenko, L.N. *see* Vasilieva, T.D. 73288
Litvinenko, V.N., Madey, J.M.J., Vinokurov, N.A. UV-VUV FEL program at DUKE storage ring with OK-4 optical klystron 63869
Litvinenko, V.N. *see* Burnham, B. 76695
Litvinenko, V.N. *see* Wu, Y. 66907
Litvinov, V., Oszwaldowski, M., Berus, T., Mironov, O. Magnetic field dependence of Hall coefficient in short-period PbTe/SnTe superlattices 93045
Litwiller, D.J. *see* Lula, J.J. 76087
Litwin, C., Maron, Y., Sarid, E. Plasma flows and fluctuations in intense ion-beam diodes 69019
Litwin, L.G. Mobile wireless data communications send a message 97120
Litwinowicz, T. *see* Piekutowski, M. 78489
Litwinowicz, T. *see* Piekutowski, M.R. 53957
Litz, T. *see* Bacher, G. 63559
Litz, T. *see* Illing, M. 63558
Litz, T. *see* Waag, A. 69995
Litz, T. *see* Waag, A. 71284
Liu, A., Joe, B. Relationship between tetrahedron shape measures 79749
Liu, A. *see* Fritsch, D.S. 57678
Liu, A. *see* Morse, B.S. 64820
Liu, A.K., Peng, C.Y. SAR application for ocean eddy monitoring 77426
Liu, A.K., Peng, C.Y., Schumacher, J.D. Wave-current interaction study in the Gulf of Alaska for detection of eddies by synthetic aperture radar 67846
Liu, B. *see* Eichler, H.J. 56677
Liu, B. *see* Eichler, H.J. 72759
Liu, B. *see* Lam, W.M. 85038
Liu, B. *see* Zaccarin, A. 85028
Liu, B.-D., Huang, C.-Y., Wu, H.-Y. Modular current-mode defuzzification circuit for fuzzy logic controllers 70783
Liu, B.D. *see* Wang, L.Y. 70250
Liu, B.D. *see* Wei, K.C. 80306
Liu, B.X., Zhu, D.H., Lu, H.B., Pan, F., Tao, K. Synthesis of β- and α-$FeSi_2$, phases by Fe ion implantation into Si using metal vapor vacuum arc ion source 49920
Liu, B.Y.H. How particles form during vacuum pump down 81404
Liu, C. *see* Marvasti, F.A. 51467
Liu, C.-C. *see* Chen, Y.-L. 53721
Liu, C.-C. *see* Tsai, M.S. 68140
Liu, C.-C. *see* Zhou, Z.-B. 98171
Liu, C.-R. *see* Fang, Y.K. 93310
Liu, C.C. *see* Barruncho, L.M. 59753
Liu, C.C. *see* Lee, T. 100300
Liu, C.C. *see* Neuman, M.R. 67453
Liu, C.H. *see* Li, Y.L. 51164
Liu, C.L. *see* Kim, T. 49226
Liu, C.L. *see* Mathur, A. 91812
Liu, C.L. *see* Peichen Pan 91832
Liu, C.L. *see* Raman, S. 92007
Liu, C.L. *see* Sun, Y. 92103
Liu, C.L. *see* Tong Gao 93574
Liu, C.M., Kuo, J.B., Wu, Y.P. An analytical quasi-saturation model considering heat flow for a DMOS device 62792
Liu, C.S., Wu, J.M., Chen, C.J., Tung, M.J. Effect of Er_2O_3 addition on microstructure and physical properties of Mn-Zn ferrites for high-power use 63203
Liu, C.S. *see* Jung, T.G. 93313
Liu, C.S. *see* Tung, M.J. 50379
Liu, C.T., Kuo, J.L. Transient analyses of transverse flux homopolar linear machines with unified prototype 78654
Liu, C.T., Lee, K.H., Yu, C.H.D., Sung, J.J., Nagy, W.J., Kornblit, A., Kook, T., Olasupo, K.R., Druckenmiller, R.O., Fu, C.C., Molloy, S.J. High reliability and high performance 0.35 μm gate-inverted TFT's for 16 Mbit SRAM applications using self-aligned LDD structures 63025
Liu, C.T., Luftman, H., Lin, W., Chang, C.P., Yang, T.S., Fu, C.C., Lee, K.H., Liu, R., Yaney, D.S. High-performance CMOS with oxidation-planarized twin tubs and one-mask sealed diffusion-junctions 93616
Liu, C.T., Tang, B. Investigating damage fields in a particulate composite material using real-time X-ray technique 55022
Liu, C.W., Sturm, J.C., Lacroix, Y.R.J., Thewalt, M.L.W., Perovic, D.D. Growth and band gap of strained <110> $Si_{1-x}Ge_x$ layers on silicon substrates by chemical vapor deposition 70110
Liu, C.Z. *see* Al-Mawlawi, D. 93156
Liu, D., Dew, S.K., Brett, M.J., Smy, T., Tsai, W. Compositional variations in Ti-W films sputtered over topographical features 71413
Liu, D., Marcus, R.B. Characterization of silicon field emission microtriodes 62073
Liu, D., Neuts, M.F. A queueing model for an ATM rate control scheme 74636
Liu, D. *see* Lee, K.S. 97896
Liu, D. *see* Wang, Q.Z. 72329
Liu, D.-R. *see* Sun, S.-Z. 92023
Liu, D.C. *see* Tsai, K.L. 52868
Liu, D.Der-Fen *see* Der-Fen Liu, D.
Liu, D.T.H., Johnston, A.R. Theory of radiation-induced absorption in optical fibers 50495
Liu, D.T.H., Johnston, A.R. Theory of radiation-induced absorption in optical fibers 63415
Liu, D.T.H., Kirkham, H., Johnston, A.R., Bergman, L.A., Bristow, J.P.G., Schoess, J. Microsensor networks 66408
Liu, D.T.H. *see* Johnston, A.R. 63363
Liu, D.T.H. *see* Johnston, A.R. 72434
Liu, D.X. *see* Chua, K.C. 97133
Liu, E. *see* Papalexopoulos, A. 53620
Liu, E. *see* Papalexopoulos, A. 77951
Liu, E.H. *see* Chang, E.Y. 80662
Liu, E.W.Y. *see* Demir, A. 91841
Liu, F., Ho, P., Cuperman, V. Joint source and channel coding using a non-linear receiver over Rayleigh fading channel 75193
Liu, F. *see* Barakat, M. 98712
Liu, F. *see* Wang, S. 72128
Liu, F.F. *see* Sherar, M.D. 88532
Liu, F.H., Kryder, M.H. Dynamic domain instability and popcorn noise in thin-film heads 72109
Liu, F.H. *see* Shi, X. 72110
Liu, F.H. *see* Zhang, H.X. 53225
Liu, G.X. *see* Zhang, J.H. 59967
Liu, H., Benson, S., Bisognano, J., Liger, P., Neil, G., Neuffer, D., Sinclair, C., Yunn, B. Integrated numerical modeling of a laser gun injector 83184
Liu, H., Bisognano, J. Simultaneous cancellation of beam emittance and energy spread in the CEBAF nuclear physics injector chopping system 66989
Liu, H., Gregory, E., Cross, R.W. Enhancement of critical current density and reduction of proximity coupling in fine filamentary NbTi with Si and Mn alloyed Cu matrices 89296
Liu, H. *see* Karellas, A. 59297
Liu, H. *see* Wing, O. 55096
Liu, H.-D. *see* Lin, X.-Z. 56513
Liu, H.-F. *see* Eggleton, B.J. 63387
Liu, H.-J., Sun, Y. Blind bilevel image restoration using Hopfield neural networks 64809
Liu, H.C. Recent progress on GaAs quantum well intersubband infrared photodetectors 58755
Liu, H.C., Jianmeng Li, Buchanan, M., Wasilewski, Z.R., Simmons, J.G. Regular and periodic peaks in device current, capacitance, and intersubband photocurrent from a multiple double-well structure 94262
Liu, H.C. *see* Chang, C.H. 76694
Liu, H.C. *see* Dupont, E. 87196
Liu, H.C. *see* Krishnamurthi, K. 80698
Liu, H.C. *see* Steele, A.G. 75977
Liu, H.C. *see* Wasilewski, Z.R. 55561
Liu, H.C. *see* Xing, B. 87180
Liu, H.C. *see* Yang, R.Q. 81790
Liu, H.F. *see* Cheng, H.H.Y. 73039
Liu, H.K. *see* Dou, S.X. 63273
Liu, H.K. *see* Dou, S.X. 63301
Liu, H.K. *see* Matthews, D.N. 82319
Liu, H.K. *see* Zhao, Y. 56276
Liu, H.L., Cho, G.H. Three-level space vector PWM in low index modulation region avoiding narrow pulse problem 100218
Liu, H.M. *see* Feng, Y.J. 94033
Liu, J., Basak, A., Moses, A.J., Shirkoohi, G.H. A method of anisotropic steel modelling using finite element method with confirmation by experimental results 82243
Liu, J., Crosbie, E., Teng, L., Bridges, J., Ciarlette, D., Kustom, R., Voss, D., Mills, F., Borland, M., Symon, K., Trzeciak, W. Particle diffusion from resonance islands in ALADDIN at SRC 66926
Liu, J., Crosbie, E., Teng, L., Bridges, J., Ciarlette, D., Symon, K., Trzeciak, W. Difference resonance study on the electron storage ring Aladdin at SRC 98429
Liu, J., Huang, S. Using topological information of images to improve stereo matching 96056
Liu, J., Marlow, S., Murphy, N.A. Multi-level fractal block coding in video compression 57658
Liu, J., Schwenk, A.J. The color-degree matrix and the number of multicolored trees in star decompositions 48772
Liu, J., Son, U.T., Stepanova, A.N., Christensen, K.N., Wojak, G.J., Givargizov, E.I., Bachmann, K.J., Hren, J.J. Modification of Si field emitter surfaces by chemical conversion to SiC 62051
Liu, J., Tai, Y.-C., Lee, J., Pong, K.-C., Zohar, Y., Ho, C.-M. In situ monitoring and universal modelling of sacrificial PSG etching using hydrofluoric acid 55786
Liu, J. *see* Chae, Y.C. 66895
Liu, J. *see* Chatterjee, A. 70486
Liu, J. *see* Fan, M. 76680
Liu, J. *see* Gao, Z. 85122
Liu, J. *see* Gao, Z. 85123
Liu, J. *see* Hwang, K.C. 55399
Liu, J. *see* Smith, R.P. 81769
Liu, J.-C., Bor, S.-S., Chang, C.-C., Lu, P.-C. Modified determinations of stability criteria for accurate designing the linear two-port amplifiers 55154
Liu, J.-M., Liu, Z.G., Zhu, S.N., Wu, Z.C. Growth of $LiNbO_3$ optical waveguide films by excimer laser ablation 72353
Liu, J.-P. *see* Lee, W.-J. 68530
Liu, J.B. A model for job scheduling in a distributed computer network 96770
Liu, J.B. *see* Shih, Y.C. 79778
Liu, J.C. *see* Jiang, S.H. 88061
Liu, J.C. *see* Jiang, S.H. 98572
Liu, J.C. *see* Lee, H.J. 57585
Liu, J.J. *see* Hibbs-Brenner, M.K. 71153
Liu, J.K. *see* Choudhury, D. 55392
Liu, J.K. *see* Gunapala, S.D. 55914
Liu, J.K. *see* Gunapala, S.D. 66366
Liu, J.L. *see* Jiang, R.L. 81276
Liu, J.M. *see* Chan, R.Y. 83766
Liu, J.M. *see* Gomelsky, L. 50532
Liu, J.M. *see* Li, H.S. 56543
Liu, J.M. *see* Liu, Z.G. 70161
Liu, J.M. *see* Simpson, T.B. 72792
Liu, J.M. *see* Simpson, T.B. 94512
Liu, J.P., Zhang, Z.D., Zeng, D.C., Tang, N., de Chatel, P.F., de Boer, F.R., Buschow, K.H.J. High-field magnetization of R_2Co_{17} and $R_2Co_{17}N_x$ compounds 72014
Liu, J.Y., Ball, M., Brabson, B., Budnick, J., Caussyn, D.D., Collins, J., Derenchuk, V., East, G., Ellison, M., Friesel, D., Hamilton, B., Huang, H., Jones, W.P., Lee, S.Y., Li, D., Riabko, A., Sloan, T., Wang, Y., Ng, K.Y. Determination of the linear coupling resonance strength using 2D invariant tori 98399
Liu, J.Y., Berkey, F.T. Phase relationships between total electron content variations, Doppler velocity oscillations and geomagnetic pulsations 94807
Liu, J.Y. *see* Li, D. 98409
Liu, K., Guven, H., Beyene, A., Lowrey, P. A comparison of the field performance of thermal energy storage (TES) and conventional chiller systems 69241
Liu, K. *see* Wiseman, D. 70339
Liu, K.C. *see* Lu, C.N. 88992
Liu, K.C. *see* Xu, Y. 71476
Liu, K.J.R., Chiu, C.T., Kolagotla, R.K., JaJa, J.F. Optimal unified IIR architectures for time-recursive discrete sinusoidal transforms 80448
Liu, K.J.R., Chiu, C.T., Kolagotla, R.K., Jala, J.F. Optimal unified architectures for the real-time computation of time-recursive discrete sinusoidal transforms 57482
Liu, K.J.R., O'Leary, D.P., Stewart, G.W., Wu, Y.-J.J. An adaptive ESPRIT based on URV decomposition 84393
Liu, K.J.R. *see* Frantzeskakis, E. 74106
Liu, K.J.R. *see* Frantzeskakis, E.N. 84364
Liu, L., Mulder, N.J. Detection of noisy regions with known frequency distributions 67777
Liu, L. *see* Anzivino, G. 67353
Liu, L. *see* Davis, M. 91794
Liu, L. *(editor)* IEEE 1994 Microwave and Millimeter-Wave Monolithic Circuits Symposium. Digest of Papers (Cat. No.94CH3351-4) 79117
Liu, L.-R., Chen, H.-C., Du, D.H.C. The calculation of signal stable ranges in combinational circuits 80222
Liu, L.M., Manry, M.T., Amar, F., Dawson, M.S., Fung, A.K. Image classification in remote sensing using functional link neural networks 57819
Liu, M. *see* Mercer, D.J. 87998
Liu, M., Safari, A., Kingon, A., Haertling, G. *(editors)* ISAF '92. Proceedings of the Eighth IEEE International Symposium on Applications of Ferroelectrics (Cat. No.92CH3080-9) 48561
Liu, M.N. *see* Wiseman, D. 70339
Liu, M.S. *see* Nayeri, M. 84516
Liu, M.T. *see* Chang-Jia Wang 65078
Liu, M.T. *see* Liang-Seng Koh 74747
Liu, M.T. *see* Yu, S.S. 85349
Liu, M.Y., Chen, E., Chou, S.Y. 140-GHz metal-semiconductor-metal photodetectors on silicon-on-insulator substrate with a scaled active layer 87172
Liu, M.Z. *see* Lu, D.L. 53198

Liu, N., Yan, H. Colour image edge enhancement by two-channel process 64703
Liu, P. *see* Chao, E.Y. 93457
Liu, P. *see* Chao, E.Y. 93461
Liu, P. *see* Hughes, T.A.T. 67583
Liu, P.-Y., Shieh, H.-P.D. Measurement of birefringence of magneto-optical disks 56225
Liu, P.C.K., Cheung, W.L., Li, K.C. On the modeling of bursty traffic 85258
Liu, P.C.K., Cheung, W.L., Tam, S.W.J. The modelling of variable bit rate video traffic 95930
Liu, P.C.K. *see* Chang, V.W.W. 70219
Liu, P.C.K. *see* Cheung, R.W.L. 59740
Liu, P.C.K. *see* Li, K.C. 70246
Liu, P.H. *see* Lai, R. 70913
Liu, P.H. *see* Lai, R. 92521
Liu, P.H. *see* Laskar, J. 80694
Liu, P.L. *see* Lu, W. 62226
Liu, P.T.S. *see* Dillon, B.M. 70830
Liu, P.W. *see* Chen, L.S. 88397
Liu, Q., Locatelli, M.L., Chante, J.P. Study of high temperature power MOSFET electrical behaviour for automotive applications 90619
Liu, Q. *see* Bai, J.Z. 53324
Liu, Q. *see* Lakner, H. 81314
Liu, Q. *see* Lindner, A. 54924
Liu, Q. *see* Scheffer, F. 56042
Liu, Q. *see* Spanos, L. 93164
Liu, Q.-H. *see* Chew, W.C. 77325
Liu, Q.D. *see* Wang, Q.Z. 72329
Liu, Q.D. *see* Wang, Q.Z. 94111
Liu, Q.Z., MacDonald, R.I. Very high isolation optoelectronic switch using PIN-PD and GaAs MESFET transmission gate 82878
Liu, Q.Z. *see* Pappert, S.A. 56422
Liu, R. *see* Batarseh, I. 100298
Liu, R. *see* Baumann, F.H. 93098
Liu, R. *see* Liu, C.T. 93616
Liu, R. *see* Qian, J. 100230
Liu, R. *see* Soon, V.C. 57565
Liu, R. *see* Zhu, X. 72204
Liu, R.-W. *see* Chen, H. 74112
Liu, R.G. *see* Bai, J.Z. 53324
Liu, R.M., Deng, P., Xue, S.Q. A high precision dc voltage measurement system in JJAVS 86918
Liu, R.M. *see* Xue, S.Q. 86846
Liu, S., Hayes, M. Video compression using quadtree segmentation and component quantization 85041
Liu, S. *see* Kamshilin, A.A. 64021
Liu, S. *see* Mussman, H. 75424
Liu, S.-I. *see* Wu, D.-S. 49533
Liu, S.J. *see* Xing-Zhong Li 88162
Liu, S.M.J. *see* John, E. 61917
Liu, S.M.J. *see* Pin Ho 55408
Liu, S.M.J. *see* Yang, L.W. 62715
Liu, S.S. *see* Chen, T.M. 75079
Liu, T. *see* Hafizi, M. 55926
Liu, T. *see* Hafizi, M. 62695
Liu, T. *see* Hafizi, M. 92526
Liu, T. *see* Hafizi, M. 92618
Liu, T. *see* Jelloian, L.M. 62861
Liu, T. *see* Kim, J.G. 71101
Liu, T. *see* McLean, I.S. 66427
Liu, T. *see* Matloubian, M. 61935
Liu, T. *see* Matloubian, M. 93504
Liu, T. *see* Pospieszalski, M.W. 80693
Liu, T.-C. The modular covariance adjustment adaptive array for CDMA wireless communications 86168
Liu, T.-Y.M. *see* Tzu-Yin Chiu 62712
Liu, T.K. *see* Brown, J.J. 55409
Liu, T.K. *see* Shealy, J.B. 62906
Liu, T.M., Chin, G.M., Jeon, D.Y., Morris, M.D., Archer, V.D., III, Johnson, R.W., Tarsia, M., Kim, H.H., Cerullo, M., Lee, K.F., Sung, J.J., Kei-Shun Lau, Tzu-Yin Chiu, Voshchenkov, A.M., Swartz, R.G. An ultra-high-speed ECL-BiCMOS technology with silicon fillet self-aligned contacts 82092
Liu, T.M., Chin, G.M., Jeon, D.Y., Morris, M.D., Archer, V.D., Kim, H.H., Cerullo, M., Lee, K.F., Sung, J.M., Lau, K., Chiu, T.Y., Voshchenkov, A.M., Swartz, R.G. A half-micron super self-aligned BiCMOS technology for high speed applications 61659
Liu, T.M. *see* Lee, K.F. 62856
Liu, T.M. *see* Lee, K.F. 93613
Liu, T.M. *see* Sung, J.M. 71827
Liu, T.S. *see* Wang, J.D. 61028
Liu, T.Y. *see* Allen, S.J. 71163
Liu, T.Y. *see* Scott, J.S. 62673
Liu, T.Y. *see* Tung, M.J. 50379
Liu, U.-J. *see* Chen, W.-T. 96753
Liu, W., Beam, E., III, Khatibzadeh, A. 1.5-W CW S-band GaInP/GaAs/GaInP double heterojunction bipolar transistor 61904
Liu, W., Doraiswami, R. A novel high resolution parallel spectral estimation method for narrowband signals 73946
Liu, W., Khatibzadeh, A. The collapse of current gain in multi-finger heterojunction bipolar transistors: its substrate temperature dependence, instability criteria, and modeling 93324
Liu, W., Khatibzadeh, A., Tae Kim, Sweder, J. First demonstration of high-power GaInP/GaAs HBT MMIC power amplifier with 9.9 W output power at X-band 80753
Liu, W., Tae Kim, Ikalainen, P., Khatibzadeh, A. High linearity power X-band GaInP/GaAs heterojunction bipolar transistor 61902
Liu, W. *see* Bai, J.Z. 53324
Liu, W. *see* Gray, C.T. 80221
Liu, W. *see* Khatibzadeh, A. 80793
Liu, W. *see* Mehrotra, S. 93630
Liu, W. *see* Skromme, B.J. 69996
Liu, W.C. *see* Wu, C.L. 55630
Liu, W.K., Santos, M.B. Surface reconstructions of InSb(001) during molecular beam epitaxy 91543
Liu, W.L. *see* Ma, B.M. 71980
Liu, W.S., Nicolet, M.-A., Carns, T.K., Wang, K.L. Epitaxial Ge layers on Si via $Ge_xSi_{1-x}O_2$ reduction: the roles of the hydrogen partial pressure and the Ge content 54917
Liu, W.Y. *see* Wang, C.R.C. 83244
Liu, X., Cheng, G., Wu, J.X. Identifying the measurement noise in glaucomatous testing: an artificial neural network approach 98761
Liu, X., Ilic, M., Athans, M., Vila, C., Heilbronn, B. A new concept of an aggregate model for tertiary control coordination of regional voltages 77906
Liu, X., Sakamoto, A., Shimamoto, T. Genetic channel router 49099
Liu, X. *see* Abe, K. 88115
Liu, X. *see* Antilogus, P. 59064
Liu, X. *see* Antilogus, P. 59127
Liu, X. *see* Bai, J.Z. 53324
Liu, X. *see* Gao, Z. 85122
Liu, X. *see* Gao, Z. 85123
Liu, X. *see* Lee, H.P. 54951
Liu, X. *see* Zheng, J.F. 71103
Liu, X.F., Asahi, H., Inoue, K., Marx, D., Asami, K., Miki, K., Gonda, S. Etching effect on metal-organic molecular-beam epitaxy growth of GaSb using triethylgallium and trisdimethylaminoantimony 70044
Liu, X.F. *see* Cha-Mei Tang 92878
Liu, X.M. *see* Wang, E.Z. 90282
Liu, X.N. *see* Chen, J.L. 79510
Liu, X.X., Eisgruber, I.L., Sites, J.R. Analysis of losses in high-efficiency CdTe cells 100493
Liu, X.X., Sites, J.R. Trade-off between collection efficiency and open-circuit voltage 100510
Liu, Y. Image compression using stochastic neural networks 64806
Liu, Y., Akansu, A.N. An evaluation of time-frequency localization in transforms and filter banks 84264
Liu, Y., Chang, W., Kari, B. Designing position sensitive NaI(Tl) bar-detectors with an empirical model 59140
Liu, Y., Ohtsubo, J. Intermittency in a delayed-differential system with a laser interferometer 83169
Liu, Y., Rios Leite, J.R. Coupling of two chaotic lasers 82920
Liu, Y. *see* Avery, R.E. 59123
Liu, Y. *see* Avery, R.E. 59132
Liu, Y. *see* Cennini, P. 76755
Liu, Y. *see* Escandon, G.J. 56780
Liu, Y. *see* Finan, R.A. 73798
Liu, Y. *see* Jawerth, B. 57831
Liu, Y. *see* Kasten, D.G. 68186
Liu, Y. *see* Lau, Y.Y. 62062
Liu, Y. *see* Liu, Y.S. 82869
Liu, Y. *see* Pawlowski, J. 76920
Liu, Y. *see* Prouty, M.D. 94914
Liu, Y. *see* Shaw, P.S. 81130
Liu, Y.-F., Sen, P.C. New class-E DC-to-DC converter topologies with constant switching frequency 68774
Liu, Y.-H. *see* Lee, W.-J. 68530
Liu, Y.-Z. *see* Chu, M. 91528
Liu, Y.-Z. *see* Le, H.Q. 83039
Liu, Y.C., Chen, J.R., Kuo, C.C. Construction and commissioning of the SRRC storage ring 67244
Liu, Y.M., Xiao, X., Prucnal, P.R., Sturm, J.C. All-optical switching in an asymmetric silicon Fabry-Perot etalon based on the free-carrier plasma effect 72640
Liu, Y.M. *see* Lampe, D.R. 61688
Liu, Y.S., Cole, H.S., Bristow, J., Liu, Y. Hybrid integration of electrical and optical interconnects 82869
Liu, Y.W. *see* Zheng, J.C. 99733
Liu, Z. *see* Bennett, G. 76550
Liu, Z. *see* Cheng, Z. 51031
Liu, Z. *see* Ding, C.Q. 89651
Liu, Z. *see* Lemonnier, M. 98511
Liu, Z. *see* Wuosmaa, A.H. 67386
Liu, Z.A. *see* Bai, J.Z. 53324
Liu, Z.G., Chen, X.Y., Liu, J.M., Wu, Z.C., Feng, D. Pulsed laser deposition of PZT/LSCO heterostructure for integrated ferroelectric devices 70161
Liu, Z.G. *see* Liu, J.-M. 72353
Liu, Z.H., Krick, J.T., Wann, H.J., Ko, P.K., Hu, C., Cheng, Y.C. The effects of furnace N_2O annealing on MOSFETs 62825
Liu, Z.H. *see* Huang, J.H. 62824
Liu, Z.H. *see* Starzyk, J.A. 49582
Liu, Z.Q. *see* Zhu, W. 63082
Liu, Z.Y. *see* Bai, J.Z. 53324
Liu Ah-Hsing *see* Ah-Hsing Liu
Liu Ansheng *see* Ansheng Liu
Liu Bin *see* Sun Biehe 53243
Liu Bin-Da *see* Bin-Da Liu
Liu Bo *see* Wu Bing 63255
Liu Bo *see* Bo Liu
Liu Ce *see* Ce Liu
Liu Chang-Huan *see* Chang-Huan Liu
Liu Changle *see* Changle Liu
Liu Cheh-Ming *see* Cheh-Ming Liu
Liu Chen Chin *see* Chen Chin Liu
Liu Chen-Ching *see* Chen-Ching Liu
Liu Cheng-Tsung *see* Cheng-Tsung Liu
Liu Chi-Shi *see* Chi-Shi Liu
Liu Chia-Liang *see* Chia-Liang Liu
Liu Chih-Ming *see* Chih-Ming Liu
Liu Chih-Wen *see* Chih-Wen Liu
Liu Ching-Ru *see* Ching-Ru Liu
Liu Chiu *see* Chiu Liu
Liu Chuan-Li *see* Chuan-Li Liu
Liu Chuan-Shen *see* Chuan-Shen Liu
Liu Chuang-Chun *see* Chuang-Chun Liu
Liu Chun-Chang *see* Chun-Chang Liu
Liu Chun-Chung *see* Chun-Chung Liu
Liu Chung-Chang *see* Chung-Chang Liu
Liu Chung-chiun *see* Chung-chiun Liu
Liu Da *see* Da Liu
Liu Dahe *see* Dahe Liu
Liu Dake *see* Dake Liu
Liu Dan *see* Dan Liu
Liu Dekang, Ye Kairong, Cheng Huijun, Yang Liping, Zhang Changzhong, Su Yuhua, Yue Wen, Lu Ping, Lin Qiang, Huang Hong Instrumentation and control system of PLS-IM-60 MeV linac 59016
Liu Der-Cherng *see* Der-Cherng Liu
Liu Dong-Lai *see* Dong-Lai Liu
Liu Donghai *see* Ma Weixin 89051
Liu En-Hui *see* Luo Rui-Xian 52964
Liu Enke *see* Enke Liu
Liu Fangxin, Zhang Chenhua, Li Zongmin Influence of γ irradiation on bandwidth of optical fibers 56366
Liu Feng *see* Cheng Jun 84180
Liu Fulai *see* Lin Ying 74471
Liu Fulai *see* Lu Mingzhe 50652
Liu Fusheng *see* Xie Yanying 68118
Liu Gang *see* Gang Liu
Liu Gin-Kai *see* Gin-Kai Liu
Liu Guang *see* Li Tianyun 89049
Liu Guanhua, Zhu Yongtai, Feng Enpu, Guo Zhongyan, Zhan Wenlong, Hu Xiaoqing, Xi Hongfei, Zhou Jianqun, Zhao Youxiong, Wei Zhiyong A detection system of 80 cm large area position sensitive ionization chamber 59141
Liu Guanyu, Song Wei, Zhao Hongshan, Jiang Bingquan BITBUS substation supervisory control system 100412
Liu Gui-Chuan *see* Gui-Chuan Liu
Liu Guohai, Liu Xinqiao, Yang Zhengtang The application of three-phase pulse width modulation waveform generator (MA818) in the converter of an air conditioner 100954
Liu Guohai, Yang Zhengtang, Liu Xinqiao The simulation of a vector control system with current hysteresis for an induction motor 100117
Liu Guoping *see* Guoping Liu
Liu Guosui *see* Gu Hong 74222
Liu Hai *see* Hai Liu
Liu Haijun, Ren Zhen A study of transient voltage stabilities improvement by static VAr compensators in electric power systems 53684
Liu Haitao *see* Xu Zurun 99797
Liu Hang *see* Hang Liu
Liu Hanyu *see* Hanyu Liu
Liu Hao *see* Zhou, E. 89723
Liu He *see* He Liu
Liu Herng *see* Herng Liu
Liu Hing *see* Hing Liu
Liu Hong *see* Hong Liu
Liu Hong-Xia *see* Hong-Xia Liu
Liu Hongbing *see* Hongbing Liu
Liu Hongguang *see* Hongguang Liu
Liu Hongtao *see* Liu Xin 76759
Liu Hongwei, Hunter, I.C. Computer-aided design of millimeter wave diplexer with E-plane circuits 80594
Liu Hongwei *see* Shi Zhendong 57083
Liu Hongxiu *see* Hongxiu Liu
Liu Hsi-Ho *see* Hsi-Ho Liu
Liu Hsiao-Hua *see* Hsiao-Hua Liu
Liu Hua-Kuang *see* Hua-Kuang Liu
Liu Huai-Dong *see* Liu Wei-Zhong 60379
Liu Huai-Jen *see* Huai-Jen Liu
Liu Huey-Ing *see* Huey-Ing Liu
Liu Hui, Long Gong, Tan Zheng Edge detection using adaptive scales wavelet transform 57847
Liu Hui *see* Hui Liu
Liu Huichang *see* Liu Yonglian 88195
Liu Huijuan *see* Zhou Yuanhua 51607
Liu Huimin *see* Huimin Liu
Liu Huiqun *see* Huiqun Liu
Liu Huizhen, Zhu Fuying, Zhu Dezhang, Cao Dexin, Shen Haoyuan, Pu Shijie Application of ultra-thin window Si(Li) detector in some experiments 98719
Liu Hung-Yu *see* Hung-Yu Liu
Liu Iching *see* Iching Liu
Liu Ji *see* Shi Bangren 63426
Liu Ji-Chyun *see* Ji-Chyun Liu
Liu Jia-Ming *see* Jia-Ming Liu
Liu Jian Du *see* Jian Du Liu

Liu Jian-Gang, Bian Jingming Novel ZVS-PWM DC-DC converters 100227
Liu Jian-Qin *see* Jian-Qin Liu
Liu Jianfen *see* Jianfen Liu
Liu Jiang *see* Jiang Liu
Liu Jiangping *see* Gong Xu 99759
Liu Jianhan *see* Zhang Jing 99607
Liu Jianjie *see* Jianjie Liu
Liu Jianqin *see* Jianqin Liu
Liu Jianqing *see* Jianqing Liu
Liu Jianzheng *see* Huang Yizhuang 99751
Liu Jianzhuang *see* Jianzhuang Liu
Liu Jie *see* Teng Fusheng 89115
Liu Jin, Sun Yangshen, Luo Yi A time domain based practical fault locating algorithm using one terminal voltage and current 78239
Liu Jinfang *see* Pan Shuming 71932
Liu Jingai *see* Jingai Liu
Liu Jingru *see* Wei Yanming 56624
Liu Jinjun, Zhuo Fang, Wang Zhaoan A novel method for signal detecting in SVC based on instantaneous reactive power theory 99606
Liu Jinming *see* Yuan Libo 66401
Liu Jinn-Liang *see* Jinn-Liang Liu
Liu Jinting *see* Jinting Liu
Liu Juan *see* Chen Zhenshi 100225
Liu Jun *see* Chen Anshi 87550
Liu Jun *see* Jun Liu
Liu Jun-Hua *see* Jun-Hua Liu
Liu Junhong, Wang Weijian The main protection scheme of internal short circuit for generator-transformer bank of Three Gorges hydroelectric power station 78498
Liu Junhong *see* Wang Weijian 78548
Liu Junjia *see* Di Ang Zhao 58012
Liu Junyong *see* Li Xingyuan 77938
Liu Jyh-Charn *see* Jyh-Charn Liu
Liu Kai, Hong Wei Analysis of EM wave scattering on metallic periodic surface with arbitrary profile 94779
Liu Ke *see* Ke Liu
Liu Ko-Chih *see* Ko-Chih Liu
Liu Kou-Bin *see* Kou-Bin Liu
Liu Kun, Chu Junhao, Chen Siyuan, Tang Dingyuan The subband structure of p-type $Hg_{0.76}Cd_{0.24}Te$ 71241
Liu Kuo-Ching *see* Kuo-Ching Liu
Liu Kuo-Wei *see* Kuo-Wei Liu
Liu Lei Jian *see* Lei Jian Liu
Liu Li-Ren *see* Li-Ren Liu
Liu Lian-Gen The control technique of inverter and traction motor on AC drive electric locomotive 90603
Liu Liang-Ying *see* Liang-Ying Liu
Liu Liming *see* Liming Liu
Liu Lin, Goncalves da Silva, C.E.T. A quasi-isochronous operation mode for the LNLS UVX storage ring 66916
Liu Lin *see* Li Shenjun 50770
Liu Liren *see* Liren Liu
Liu Lishing *see* Lishing Liu
Liu Lizhi The 80C196 microcontroller applied to the new vector control plan of high performance AC servo system 100807
Liu Lizhi *see* Lizhi Liu
Liu Lung-Tien *see* Lung-Tien Liu
Liu Meng Hwang *see* Meng Hwang Liu
Liu Ming-Kang *see* Ming-Kang Liu
Liu Mingjian, Chen Xiangkun The research of two-phase inverter 89908
Liu Mingye *see* Li Chun 80042
Liu Mingye *see* Niu Zhendong 92136
Liu Nai-quan *see* Nai-quan Liu
Liu Nian Analysis of current waves and microcomputer recognition of faults in rotating rectifiers used in brushless exciters 78597
Liu Nian Study of a new CAD in DC machine designs 78646
Liu Nianzong *see* Mao Huishun 98593
Liu Nien-Bao *see* Nien-Bao Liu
Liu Ning *see* Zhang Wenxiu 100804
Liu Ningyan *see* Ningyan Liu
Liu Pan-Tai *see* Pan-Tai Liu
Liu Pei-Ling *see* Pei-Ling Liu
Liu Ping *see* Ping Liu
Liu Qian *see* Qian Liu
Liu Qianjin, Chen Deshu The application of the fuzzy sets theory on real-time prediction of power system transient stability 53683
Liu Qing-Guang *see* Sun Xin 75539
Liu Qing-Huo *see* Qing-Huo Liu
Liu Qingguang, Peng Yingning, Sun Xin, Ma Zhanger, Lu Dajin Adaptive clutter suppression in airborne radar by a combined channel transformation approach 97381
Liu Qingguo *see* Ji Yanchao 99555
Liu Qingguo *see* Ji Yanchao 100254
Liu Qingyu *see* Liu Xuanyi 99747
Liu Qiuming *see* Qiuming Liu
Liu Qu *see* Li Xiuming 87028
Liu Rong, Liu Ze-Min, Zhou Zheng Neural network approach for communication network routing problem 85370
Liu Rong *see* Rong Liu
Liu Ronglin *see* Wei Yongtian 89728
Liu Ruey-Wen *see* Ruey-Wen Liu
Liu Rui *see* Rui Liu
Liu Ruixi *see* Li Siyuan 80105
Liu Ruixi *see* Li Siyuan 81928
Liu Ruixi *see* Li Siyuan 100223
Liu Shangqing *see* Shangqing Liu
Liu Shaoke, Chen Qiaofu, Lin Jinming Characteristic and equivalent circuit of current transformer used for monitoring PD signals of stator windings of large rotating machines 89819
Liu Shaoke, Chen Qiaofu, Lin Jinming Measured wave propagation characteristic of stator windings of a large rotating machine 89820
Liu Shen-Iuan *see* Shen-Iuan Liu
Liu Sheng, O.R. *see* Higa, K. 52053
Liu Shengzhong *see* Shengzhong Liu
Liu Shenquan *see* Shenquan Liu
Liu Shixiang *see* Shixiang Liu
Liu Shiyong *see* Chen Weiyou 63609
Liu Shiyong *see* Chen Weiyou 81819
Liu Shou-Bin, Yu Hei-Fen Surface roughness measurement by image processing method 58969
Liu Shude *see* Li Gengyin 89052
Liu Shudong, Lang Wenpeng The realization of LED-big-screen dynamic displaying 87391
Liu Shun-Jee *see* Shun-Jee Liu
Liu Shunkang Computation of matching characteristics between rectangular coupled cavity and waveguide for millimeter wave TWT's 55519
Liu Shunkang A broadband MM wave helix-waveguide coupler 61872
Liu Shunkang The characteristics and energy coupler of the single row comb circuit for MMW BWOs 81152
Liu Shutian *see* Shutian Liu
Liu Shuzhang, Qiu Caiming, Lin Weigan Calculating of effective EM parameters of random composite materials containing carbonyl iron particles 91648
Liu Sixing *see* Sixing Liu
Liu Songhao *see* Ma Tianchi 73187
Liu Songyin *see* He Caolai 86924
Liu Su, Li Siyuan, Yang Jianhong The measurement principle and calculating method of the dynamic characteristic of power SITH 81848
Liu Su *see* Li Siyuan 80105
Liu Su *see* Li Siyuan 81928
Liu Su *see* Li Siyuan 100223
Liu Suying, Liang Jun, Li Xintang, Sun Xiaojun Microprocessor-based power angle measuring device and its application 54004
Liu Tai-Chien *see* Tai-Chien Liu
Liu Taishan *see* Zeng Jinchuan 72561
Liu Tian-Hua *see* Tian-Hua Liu
Liu Tian-Rua *see* Tian-Rua Liu
Liu Tiehui *see* Zhu Yongsheng 76392
Liu Tiejun *see* Wang Baofa 99065
Liu Tongyu *see* Tongyu Liu
Liu Tsann-Shyong *see* Tsann-Shyong Liu
Liu Wei, Wang Qun, Sun, X.K., Zhao Xin-Guo, Zhang Zhi-Dong, Xiao Qun-Feng, Zhao Tong, Chuang, Y.C. Structural and magnetic properties of mechanically alloyed $Sm_x(Fe_{1-y}Co_y)_{100-x}N_\delta$ nitrides 82256
Liu Wei *see* Li Xixiong 100152
Liu Wei *see* Wei Liu
Liu Wei-Zhong, Liu Huai-Dong, Wang Jin-Shui, Fang Da-Zhong An on-line working condition monitoring and fault alarm system for high voltage circuit breakers 60379
Liu Weidong *see* Luo Enze 92634
Liu Weiqun *see* Chen Xianming 89906
Liu Weiren *see* Xie Jialin 72933
Liu Weixiao *see* Zhang Zongcheng 80397
Liu Wen The comparison between arbitrary information sources and memoryless information sources and its limit properties 73575
Liu Wen-Chau *see* Wen-Chau Liu
Liu Wen-Chung *see* Wen-Chung Liu
Liu Wen-Fei *see* Xu Pei-Xia 84179
Liu Wenhua *see* Wenhua Liu
Liu Wentai *see* Wentai Liu
Liu Wucheng *see* Wucheng Liu
Liu Xian *see* Xian Liu
Liu Xianchao *see* Li Xiuming 87028
Liu Xiang-Dong *see* Xiang-Dong Liu
Liu Xianghong *see* Xianghong Liu
Liu Xianping *see* Xianping Liu
Liu Xiao-Lin, Xie Dong A new contour coherence based thinning algorithm 74348
Liu Xiaofan *see* Xiaofan Liu
Liu Xiaojian *see* Xiaojian Liu
Liu Xiaojun *see* Xiaojun Liu
Liu Xiaolin *see* Xiaolin Liu
Liu Xiaowei, Xu Mingzhen, Tan Changhua, Wang Yangyuan Potential barrier modulation caused by high electric field stressing and its effects on the measurement of traps 81383
Liu Xiaqi *see* Xiaqi Liu
Liu Xin, Yanlin Jiang, Jiang Dongxing, Lu Xiting, Liu Hongtao Intrinsic efficiency of a ϕ76 mm×100 mm BGO scintillation detector 76759
Liu Xinggang *see* Xinggang Liu
Liu Xingwen *see* Zhang Lijian 77278
Liu Xinqiao *see* Liu Guohai 100117
Liu Xinqiao *see* Liu Guohai 100954
Liu Xinyi *see* Xinyi Liu
Liu Xiuju A brief explanation on parameter setting of Computer Controlled Load Shedding Device Model WLK-1 99576
Liu Xuan Zhong *see* Jin Pei Lai 90181
Liu Xuanyi, Guan Shuilong, Liu Qingyu Direct lightning stroke protection technique by combining rejection with attraction 99747
Liu Xunlang *see* Xunlang Liu
Liu Yajian *see* Wang Zhongyang 93295
Liu Yan *see* Yan Liu
Liu Yan Qiu, Chi Han Zhong A new algorithm for reliability evaluation of telecommunication networks with link-capacities 85473
Liu Yan-Fei *see* Yan-Fei Liu
Liu Yang, Lee, C.Q. Variable duty-ratio control of flyback (buck-boost) for power factor correction 99603
Liu Yang, Wu Jianhui, Fu Qiang, Yu Wenxian A high-speed and adaptive multichannel data recording system for radar target analysis 87009
Liu Yang-Kuan *see* Yang-Kuan Liu
Liu Yanqiu *see* Yanqiu Liu
Liu Yao-Wu *see* Yao-Wu Liu
Liu Yaogang *see* Yaogang Liu
Liu Yaowu *see* Yaowu Liu
Liu Yaozhong *see* Yaozhong Liu
Liu Yashe, Liu Zengji Performance of output-buffered ATM switch with two priority classes 85903
Liu Yee-Wei *see* Yee-Wei Liu
Liu Yehou *see* Wang Yunshan 57030
Liu Yi *see* Yi Liu
Liu Yi-Song *see* Yi-Song Liu
Liu Ying *see* Ying Liu
Liu Ying-Moh *see* Ying-Moh Liu
Liu Yishi The Gezhouba project in operation [hydroelectric power] 78503
Liu Yonglian, Han Jinqin, Liu Huichang Study on the latent image stability of nuclear emulsion 88195
Liu Yongqian *see* Yongqian Liu
Liu Yongqing *see* Guan Zhihong 54780
Liu Yongqing *see* Guan Zhihong 79523
Liu Yongshen *see* Yongshen Liu
Liu Yongsheng *see* Yongsheng Liu
Liu Yongtan *see* Yongtan Liu
Liu Youbin *see* Shen Jianxin 90543
Liu Youbin *see* Zhou Suquan 99619
Liu Youheng *see* Xiong Qingxu 74816
Liu Yow-Jong *see* Yow-Jong Liu
Liu Yu-li *see* Yu-li Liu
Liu Yuan *see* Yang Wanghai 97389
Liu Yuan *see* Yuan Liu
Liu Yuan-Chen *see* Yuan-Chen Liu
Liu Yuan-Qun *see* Yuan-Qun Liu
Liu Yuan-Shing *see* Yuan-Shing Liu
Liu Yuanan *see* Yuanan Liu
Liu Yudong *see* Yudong Liu
Liu Yue *see* Yue Liu
Liu Yueai *see* Yueai Liu
Liu Yuen-Chung *see* Yuen-Chung Liu
Liu Yuguang *see* Yuguang Liu
Liu Yuliang *see* Yuliang Liu
Liu Yun *see* Zhang Yueqing 83394
Liu Yunpeng *see* Luo Enze 92634
Liu Yutian, Du Zhengchun, Xia Daozhi Application of neural network to turbine fast valving in multi-machine power system 77935
Liu Yutian, Du Zhengchun, Xia Daozhi Determination of generator-shedding for power system transient stability control by neural networks 77937
Liu Yuyan *see* Wang Guiling 98650
Liu Yuyan *see* Yan Gaoqiang 56625
Liu Ze-Min *see* Liu Rong 85370
Liu Ze-Min *see* Wu Jian-Hua 74132
Liu Ze-Min *see* Wu Jian-Hua 84477
Liu Ze-Min *see* Wu Jian-Hua 84478
Liu Ze-Min *see* Wu Jian-Hua 95519
Liu Zejian *see* Zejian Liu
Liu Zemin *see* Zemin Liu
Liu Zenghuang, Wu Zhongxi, Zhou Zexin Mathematical model bank for excitation system and its application in the study of power system transient stability 99573
Liu Zengji *see* Liu Yashe 85903
Liu Zhao *see* Zhao Liu
Liu Zhaoxu *see* Fu Weixing 78039
Liu Zhen *see* Zhen Liu
Liu Zheng-Yu *see* Ma Hao 91873
Liu Zhengjin *see* Wang Shengqi 97817
Liu Zhengkai *see* Zhengkai Liu
Liu Zhengqing A microcomputer real-time supervisory system with management and dispatch functions for the hydropower stations 89731
Liu Zhengtang *see* Zhengtang Liu
Liu Zhenning *see* Zhenning Liu
Liu Zhi Hong *see* Zhi Hong Liu
Liu Zhigang, Hao Rongtai Research on vector control method of induction traction motor of electric locomotives 90607
Liu ZhiHuam *see* Zhang He 60484
Liu Zhijun, Xiao Liling, Zhang Wenxun Analysis of GNRD waveguide discontinuity of the gap in dielectric strip using the double field-matching method 83780
Liu Zhijun *see* Zhijun Liu
Liu Zhimin, Gu Shuming The optimal design of the heat pipe-air preheater in power station boiler 78411
Liu Zhongahan, Han Zhi, Chen Yufeng A unique SIT device with implanted recessed-gate structure 81978
Liu Zhongkan *see* Zhongkan Liu
Liu Zhongyang *see* Zheng Sixiao 87947
Liu Zhongyang *see* Zhongyang Liu

Liu Zhuo *see* Zhou Suquan 99619
Liu Zi Dong *see* Zi Dong Liu
Liu Zongfu *see* Man Yongkui 100808
Liu Zongfu *see* Sun Hexu 89910
Liu Zuhan *see* Zuhan Liu
Liu Zuo *see* Han Xueshan 77981
Liu Zuo *see* Han Xueshan 89582
Liubakka, M. *see* Krtolica, R. 57927
Liuding Zhou *see* Zhou Liuding
Liutao Wei *see* Wei Liutao
Liuxing Huang *see* Huang Liuxing
Liuzzo, A. *see* Pierantoni, A. 49943
Livas, J. *see* Ball, G.A. 72781
Livas, J.C., Chinn, S.R., Kintzer, E.S., Walpole, J.N., Wang, C.A., Missaggia, L.J. Single-mode optical fiber coupling of high-power tapered gain region devices 50491
Livas, J.C. *see* Rauschenbach, G.A. 86023
Livas, J.E., Chinn, S.R., Kintzer, E.S., Walpole, J.N., Wang, C.A., Missaggia, L.J. High-power erbium-doped fibre amplifier with 975 nm tapered-gain-region laser pumps 63743
Livesay, W.R. Vertical lithography—controlling resist profiles in optical lithography with a large area electron beam 81720
Livescu, G. *see* Asom, M.T. 54883
Livescu, G. *see* Lentine, A.L. 86022
Livi, A. *see* Casalini, R. 98261
Livingston, F. *see* Magotra, N. 98954
Livingston, J.N. *see* Chien-Cheng Tung 73685
Livingston, J.N. *see* Jardak, H.G. 83926
Livingston, P. *see* Suesada, K. 86794
Livingston, R. *see* Abbott, L. 54382
Livingstone, E.S. *see* Clark, G.L. 82903
Livingstone, J. *see* Henry, J. 62451
Livingstone, J. *see* Ruther, R. 92975
Livny, M. *see* Franklin, M.J. 58153
Livshits, A.M., Peleznev, A.V. The development of spectral equipment on the basis of charge-coupled devices 71735
Livshits, D.A. *see* Berishev, I.E. 72793
Livshits, D.A. *see* Boroditskii, M.L. 50814
Livshits, D.A. *see* Boroditskii, M.L. 54967
Livshits, Yu.A. *see* Kozlovskii, V.V. 50104
Livshitz, D.A. *see* Garbuzov, D.Z. 50813
Liwei Pei *see* Yuhai Bai 99383
Liwei Zhou *see* Zhou Liwei
Liwen Wang *see* Wang Liwen
Liwu Lu *see* Lu Liwu
Lixi Wan *see* Wan Lixi
Lixia Zhang *see* Mitzel, D.J. 65041
Lixia Zhang *see* Shenker, S. 85771
Lixiang Yuan *see* Yuan Lixiang
Lixin Tang *see* Tang Lixin
Lixin Yang *see* Yang Lixin
Lixing He *see* He Lixing
Lixue Chen *see* Chen Lixue
Lixue Wu, Zielinski, A., Bird, J.S. Acoustic transmitting/receiving elliptic ring arrays 97462
Liyan Fu *see* Fu Liyan
Liyan Wang *see* Wang Liyan
Liyanapathirana, R. *see* Ekanayake, N. 95086
Liyang Zhang, Yongchang Jiao, Changhong Liang The dominant mode in a parallel-plate chirowaveguide 94905
Liyang Zhang *see* Zhang Liyang
Liying Huang, Raghuveer, M.R. Thermal assessment of metal oxide surge arresters 53821
Liying Zhao *see* Liren Liu 51614
Liyou Yang *see* Fonash, S.J. 72588
Liyuan Li *see* Li Liyuan
Lizhi Liu, Fenglin Li, Wucheng Liu, Zhonggao Ji The design of MIS subsystem of the production and technology division of Northeast China Electric Power Administration Bureau—SMIS 99528
Lizhi Liu *see* Liu Lizhi
Lizhi Zhu, Xisheng Han A ZVS bi-directional DC-DC converter with phase-shift circulating construction 100229
Lizhong Wu, Niranjan, M., Fallside, F. Fully vector-quantized neural network-based code-excited nonlinear predictive speech coding 95253
Lizhong Zhu, Fettweis, A. Computer design of mixed lumped and distributed lossy networks in MMICs 61942
Lizhou Zhu *see* Zhu Lizhou
Lizogub, V.G. *see* Ivanchenko, I.A. 59373
Lizuka, J. *see* Mieno, F. 70149
Lizunova, M.S. *see* Ivanov, A.V. 73245
Lizzio, J.R. Real-time RAID storage: The enabling technology for video-on-demand 65139
Ljolje, A. The importance of cepstral parameter correlations in speech recognition 73783
Ljubesic, J. *see* Mestrovic, K. 68904
Ljubicic, A. *see* Ilic, R. 88161
Ljubicic, A., Jr. *see* Almeida, J. 87994
Ljung, S.P.O. *see* Jansson, M.C.O. 83614
Ljungberg, P., Axner, O. Two-step degenerate four-wave mixing as a means to decrease pre- and post-filtering effects in optically thick media 73007
Ljunggren, K., Strand, S.-E. Reduction of noise in the Beta camera for low activity applications 88440
Ljungqvist, M. *see* Fujisaki, H. 73883
Ljuslin, C., Christiansen, J., Marchioro, A., Klingsheim, O. An integrated 16-channel CMOS time to digital converter 88224
Ljuslin, C., Cristiansen, J., Marchioro, A., Klingsheim, O. An integrated 16-channel CMOS time to digital converter 98700
Ljuslin, C. *see* Christiansen, J. 70448
Llamas, C. *see* Lazaro, S. 95275
Llamazares, J.L.Sanchez *see* Sanchez Llamazares, J.L.
Llerena, P., Wolff, S. Inter-firm agreements in telecommunications: Elements of an analytical framework 96297
Lles, P. *see* Sharps, P.R. 100668
Lles, P.A. *see* Chu, C. 100684
Llewellyn, I.P., Heinecke, R.A., Lewis, K.L., Dexter, K.P. Pulsed plasma deposition of lead lanthanum zirconate titanate (PLZT) and lead lanthanum titanate(PLT) 61361
Llewellyn-Jones, D.T., Mutlow, C.T., Zavody, A.M., Murray, M.J., Allen, M., Saunders, R.W., Barton, I.J. SST measurements from ATSR on ESA's ERS-1 satellite-early results 77514
Llewellyn-Jones, D.T. *see* Zavody, A.M. 77449
Llinares, D. *see* Harsono, S. 81258
Llodra, J., Depenbrock, F. How pumped storage can boost network security 53727
Llopis, O., Verdier, J., Dienot, J.M., Andre, P., Plana, R., Graffeuil, J. Large signal modelling of cryogenically cooled GaAs field effect transistors for low phase noise oscillator design 80718
Llopis, O. *see* Dienot, J.M. 80717
Llopis, O. *see* Verdier, J. 62885
Llopis, R.P., Xirgo, L.R., Bordoll, J.C. Short destabilizing paths in timing verification 92027
Llopis, R.Peset *see* Peset Llopis, R.
Lloreda, F.G. Telephone development project for Valle del Cauca state Colombia, S.A 96524
Llorente Gonzalez, J.I., Lopez de la Calle, L.N., Sanchez Galindez, J.A., Sarachaga Gonzalez, M.I., Lopez, I.M., Burgos Fernandez, A. Advanced control for automated plants 69314
Llorente Gonzalez, J.I. *see* Burgos Fernandez, A. 69315
Lloret, A. *see* Roca i Cabarrocas, P. 49786
Lloris, A. *see* Parrilla, L. 92137
Lloris-Ruiz, A., Gomez-Lopera, J.F., Roman-Roldan, R. Entropic minimization of multiple-valued functions 49253
Llory, M. *see* Montmayeul, R. 89444
Lloyd, A. A rural technology of choice [subscriber radio systems] 96543
Lloyd, A.C., Leonard, J.H., George, R. Fuel cells and air quality: a California perspective 60432
Lloyd, A.D. *see* Wang, C.H. 63479
Lloyd, B.A., Stone, G.C., Stein, J. Motor insulation condition assessment using expert systems software 78570
Lloyd, B.A. *see* Stone, G.C. 78572
Lloyd, B.F. *see* Restle, P.J. 61735
Lloyd, C.J.C., Reinhart, W.F. Requirements for HUD raster image modulation in daylight 99082
Lloyd, C.J.C. *see* Post, D.L. 52993
Lloyd, D.J. *see* Lambert, K.P. 88219
Lloyd, F.C. Area classification for combustible dusts—principles, standardisation and practice 53984
Lloyd, G. *see* Basak, A. 54056
Lloyd, G. *see* Basak, A. 68652
Lloyd, G. *see* Basak, A. 68670
Lloyd, G. *see* Basak, A. 90070
Lloyd, J. The power of plain language in global competition 90866
Lloyd, J., Hae-Seung Lee A CMOS op amp with fully-differential gain-enhancement 49188
Lloyd, J.R. Reliability modelling for electromigration failure 82010
Lloyd, J.R., Kitchin, J. The finite electromigration boundary value problem 81580
Lloyd, P.D. *see* Giroult-Matlakowski, G. 91556
Lo, A.W.F., Ohta, M., Omodani, M., Hoshino, Y. A linear array of point coronodes for negative corona discharge 64088
Lo, B.S.K. *see* Ghafouri-Shiraz, H. 56802
Lo, C. Image coding with a map and vector quantizer 85062
Lo, C. *see* Jain, R. 97062
Lo, C.C. The ALS Gun Electronics system 71029
Lo, C.C., Taylor, B. The phase servo tuner control system of the ALS 500 MHz cavity 67228
Lo, C.C. *see* Taylor, B. 67177
Lo, C.M., Tse, C.T. Application of coherency-based dynamic equivalents in small perturbation stability studies 59829
Lo, D. *see* Kozlowski, L.J. 66492
Lo, D.C. *see* Laskar, J. 80694
Lo, D.C.W., Dow, G.S., Yujiri, L., Chen, S., Wang, H., Biedenbender, M., Mussetto, M., Allen, B.R. Monolithic W-band seven-stage low noise amplifier/detector for radiometric imaging array application 66312
Lo, D.C.W., Wang, H., Allen, B.R., Dow, G.S., Chen, S., Biedenbender, M. A novel monolithic balanced switching low noise amplifier 80832
Lo, D.C.W., Wang, H., Allen, B.R., Dow, G.S., Chen, S., Biedenbender, M. A novel monolithic balanced switching low noise amplifier 92592
Lo, D.C.W., Yujiri, L., Dow, G.S., Ton, T.N., Mussetto, M., Allen, B.R. A W-band direct-detection radiometric imaging array 83870
Lo, D.C.W. *see* Huei Wang 49668
Lo, D.C.W. *see* Wang, H. 92543
Lo, D.C.W. *see* Wang, H. 92614
Lo, E.K. *see* Ekere, N.N. 55468
Lo, E.K. *see* Mannan, S.H. 80994
Lo, E.K.H. *see* Yuen, K.S.Y. 96107
Lo, G.Q. *see* Fazan, P.C. 61720
Lo, G.Q. *see* Yoon, G.W. 80318
Lo, I. *see* Mitchel, W.C. 81331
Lo, J. *see* Petek, B. 50232
Lo, J. *see* Tang, D.D. 72111
Lo, J.C. *see* Ramakrishna, K. 91042
Lo, J.T. *see* Yang, H.C. 56275
Lo, J.T.-H. *see* Clements, J.H., III 84448
Lo, J.Ting-Ho *see* Ting-Ho Lo, J.
Lo, K.-T., Cham, W.-K. New predictive classified vector quantisation scheme for image compression 74561
Lo, K.-T., Cham, W.-K. Predictive sub-codebook searching algorithm for vector quantisation of images 95655
Lo, K.C., Purvis, A. Application of random and pseudo-random sampling for tracking moving objects 95925
Lo, K.C. *see* Cheung, J.K.L. 59822
Lo, K.L., Ghauri, S.S. Expert system for the design of low-voltage distributors 59887
Lo, K.L., Khan, M.I., Akhtar, A. Sectoral outage cost estimation using an emergency action strategy for reliability optimization studies 59861
Lo, K.L., Ojaghi, S.G.M. Load flow solutions using homeostatic simulation based on parallel processing 99602
Lo, K.L., Peng, L.J., Macqueen, J.F., Ekwue, A.O., Dandachi, N.H. Extended Ward equivalent of external system for on-line security analysis 59734
Lo, K.L., Zhang, X. Dispatching outputs of generators for enhancing the power margins from the viewpoint of voltage stability 59675
Lo, K.L. *see* Alawaji, S.H. 59814
Lo, K.L. *see* Ma Li 59886
Lo, K.L. *see* Sun, J.H. 99434
Lo, K.M., McPhedran, R.C., Bassett, I.M., Milton, G.W. An electromagnetic theory of dielectric waveguides with multiple embedded cylinders 50487
Lo, K.Y. *see* Engargiola, G. 66011
Lo, K.Y. *see* Shang, J.Q. 94733
Lo, R.H.Y. *see* Mekdhanasarn, B. 54537
Lo, S. *see* Damento, M.A. 66473
Lo, S.-C.B. *see* Jyh-Shyan Lin 76944
Lo, T., Leung, H., Litva, J. Radial basis function neural network for direction-of-arrivals estimation 51435
Lo, T., Leung, H., Litva, J. Low-angle radar tracking in a naval environment using a forward-backward nonlinear prediction method 86566
Lo, T., Litva, J., Leung, H. A new approach for estimating indoor radio propagation characteristics 96963
Lo, T. *see* Fengzhen Wang 97500
Lo, T. *see* Leung, H. 74025
Lo, T. *see* Wang, F. 58514
Lo, T.C. *see* Huang, H.C. 82731
Lo, T.F., Chan, F.H.Y., Lam, F.K., Poon, P.W.F. Signal analysis of electromyogram by artificial neural network 98922
Lo, T.K.Y. *see* Ji Chen 91399
Lo, V.C. *see* Wong, S.P. 55719
Lo, Y.H. *see* Chua, C.L. 69925
Lo, Y.H. *see* Lin, C.H. 63843
Lo, Y.L., Nielsen, P.L., Sirkis, J.S. Phase-strain model for polarimetric strain sensors based on fictitious residual strains 98071
Lo, Y.L., Sirkis, J.S. Simultaneous measurement of two strain components using passive demodulation 98053
Lo, Y.L. *see* Sirkis, J.S. 87243
Lo Bianco, G. *see* Aulchenko, V.M. 67341
Lo Chi-Yuan *see* Chi-Yuan Lo
Lo Chung-Ming *see* Chung-Ming Lo
Lo Cigno, R. *see* Ajmone Marsan, M. 85806
Lo Cigno, R. *see* Ferrari, M. 75732
Lo Cyrus Chang Yu *see* Yu Lo Cyrus Chang
Lo Huiguo, Zhu Yaoting, Zhu Guangxi, Wan Faguan A fast signal wavelet decomposition algorithm 84562
Lo Ikai *see* Ikai Lo
Lo Jien-Chung *see* Jien-Chung Lo
Lo Kuie-Lin *see* Kuie-Lin Lo
Lo Kwok-Tung *see* Kwok-Tung Lo
Lo Pei-Chen *see* Pei-Chen Lo
Lo Presti, M. *see* Pagni, A. 54034
Lo Presti, M. *see* Pagni, A. 70294
Lo Rung-Kuang *see* Rung-Kuang Lo
Lo Seen, D., Mougin, E., Rambal, S., Gaston, A., Hiernaux, P. On coupling a regional ecosystem model with satellite derived parameters: case of a Sahelian grassland 67898
Lo Shih-Hsien *see* Shih-Hsien Lo
Lo Taichin *see* Zhang Pengfei 81413
Lo Wen-Teng *see* Wen-Teng Lo
Lo Yen-Wu *see* Yen-Wu Lo
Lo Yu-Hwa *see* Yu-Hwa Lo
Lo Yu-Kang *see* Yu-Kang Lo
Lo-Hive, J.-P. *see* Reymann, D. 66638
Lo-Hive, J.P., Reymann, D., Geneves, G. Comparisons of 10 V Josephson array voltage standards between the BNM/LCIE and the BIPM 86843

Loader, B. Automated mapping/facilities management (AM/FM); the key to efficiency 89131
Loader, I. *see* Arthur, G. 81696
Loaec, G. *see* Ollitrault, M. 88811
Loaec, J. *see* Fessant, A. 66655
Loaec, J. *see* Queffelec, P. 76180
Loaiza-Montiel, R. Layout techniques boost dynamic range for high speed ICs 81085
Lobachev, A.G. *see* Nigmatulin, B.I. 99846
Lobad, A.I., Rodney, P.J., Mehta, S.M., Tousley, B.C., Fauchet, P.M. The starting mechanism in coupled-cavity modelocked laser systems 63696
Lobad, A.I., Rodney, P.J., Tousley, B.C., Mehta, S.M., Fauchet, P.M. The starting mechanism in coupled-cavity, mode-locked laser systems 72968
Lobanov, N.R. The plasma-emitter type ion source 53267
Lobanov, N.R. The high current ion source system HOLCROSS 76733
Lobanova, O.V. *see* Zhezhelenko, I.V. 59841
Lobashev, K. *see* Sekachev, I.V. 87943
Lobb, C.J. *see* Amar, A. 56261
Lobb, J. *see* Miller, D.J. 81788
Lobbett, R.A. *see* Massicott, J.F. 63705
Lobbia, R., Kent, M. Data fusion of decentralized local tracker outputs 73960
Lobensommer, H. PCN/DCS 1800. A universal European mobile telephony system 86202
Loberg, K. *see* Kuznetsov, A.V. 67357
Lobetskii, V.E. *see* Ippolitov, I.I. 99926
Lobmaier, Ch. *see* Loibner, A.P. 66514
Lobmaier, Ch. *see* Schalkhammer, T. 66511
Lobo, N.da Vitoria *see* da Vitoria Lobo, N.
Lobo, P.C. *see* Freire, R.C.S. 97958
Lobo, P.C. *see* Lima, A.M.N. 75933
Lobo Ribeiro, A.B. *see* Brady, G.P. 52899
Lobo Ribeiro, A.B., Rao, Y.J., Jackson, D.A. Multiplexing interrogation of interferometric sensors using dual multimode laser diode sources and coherence reading 76010
Lobo Ribeiro, A.B. *see* Brady, G.P. 87251
Loboda, M.J. *see* Montress, G.K. 87466
Loboda, M.J. *see* Steckl, A.J. 61385
Loboda, M.J. *see* Yuan, C. 54966
Loboda, P.A. *see* Politov, V.Yu. 56603
Loboda, S.A. *see* Ippolitov, I.I. 99926
Lobos, T. *see* Cichocki, A. 53644
Lobos, T. *see* Cichocki, A. 77835
Lobos, T. *see* Eichhorn, K.F. 68306
Lobotka, P. *see* Gomory, F. 98266
Lobotka, P. *see* Vavra, I. 93048
Lobstein, A., Pless, V. The length function: a revised table 73637
Lobstein, A. *see* Kabatianski, G. 73654
Lobstein, A. *see* Cohen, G. *(editor)* 60772
Loc, A.S. *see* Pruitt, G.R. 67716
Locanthi, B.N. *see* Kahrs, M. 70440
Locardi, B. *see* Zanella, G. 59098
Locascio, J.J., Cho, W. New controllers for battery systems increase systems efficiency 61506
Locatelli, M.L., Gamal, S.H., Chante, J.P. Semiconductor materials for high temperature power drives 90558
Locatelli, M.L. *see* Liu, Q. 90619
Locatelli, M.L. *see* Planson, D. 81328
Locci, N., Marongiu, I., Perfetto, A., Serri, A. A distributed anisotropy linear reluctance motor 68563
Lochan, R., Adimurthy, V., Kumar, K. Separation dynamics of ullage rockets 59669
Lochard, J.P. *see* Doucin, B. 71580
Lochard, J.P. *see* Patin, Y. 71746
Locher, R., Wild, C., Herres, N., Behr, D., Koidl, P. Nitrogen stabilized <100> texture in chemical vapor deposited diamond films 70109
Locher, R. *see* Kalish, R. 55697
Lochhead, R. *see* Sheriff, J.A. 52967
Lock, J.S., Bertson, E., Boissevain, J., Clark, D.J., Collier, W., Hammock, R., Jacak, B.V., Morgan, A., Roybal, P., Shaheen, S., Simon-Gillo, J., Sullivan, J.P. Air cooling of front-end electronics for silicon detectors in a collider experiment 67366
Lock, K.S. *see* Low, T.S. 54003
Lock, K.S. *see* Panda, S.K. 89894
Lockhande, C.D. *see* Bhosale, C.H. 70076
Lockhart, G.B., Zhang, S.D. Determination of optimum reconstruction levels for embedded decoders 95147
Lockhart, G.B. *see* Li, H. 64346
Lockhart, J.M., Hipkins, D.N., Gutt, G.M., Muhlfelder, B., Jennerjohn, N. Comparative study of bias-reversing schemes for low frequency noise reduction in DC SQUIDS 50409
Lockman, W. *see* Baggs, R. 76791
Lockmann, A. *see* Graessle, S. 59062
Lockner, T.R. *see* Mazarakis, M.G. 66798
Lockwood, D.J. *see* Lu, Z.H. 92991
Lockwood, G.R., Foster, F.S. Modeling and optimization of high-frequency ultrasound transducers 53563
Lockwood, G.R., Turnbull, D.H., Foster, F.S. Fabrication of high frequency spherically shaped ceramic transducers 53401
Lockwood, G.R., Turnbull, D.H., Foster, F.S. High frequency (>20 MHz) spherically shaped ceramic transducers 99337
Lockwood, G.R. *see* Ryan, L.K. 98770
Lockwood, G.R. *see* Turnbull, D.H. 98777
Lockwood, L. *see* Drake, K. 48677
Lockwood, L.W. Video servers 86757
Lockwood, P., Blanchet, M. An algorithm for the dynamic inference of hidden Markov models (DIHMM) 84022
Lockwood, P. *see* Alexandre, P. 73855
Lockwood, P. *see* Bezie, O. 84081
Lockwood, S.J. *see* Schwartz, R.W. 50130
Lockyear, B., Ebeling, C. Optimal retiming of level-clocked circuits using symmetric clock schedules 80210
Lockyear, C.F. *see* Gai, H. 53559
Lockyer, A.J., Kudva, J.N., Kane, D.M., Hill, B.P., Martin, C.A., Goetz, A.C., Tuss, J. A qualitative assessment of smart skins and avionic/structures integration 88657
Lockyer, D., Moore, C., Seager, R., Simpkin, R., Vardaxoglou, J.C. Coupled dipole arrays as reconfigurable frequency selective surfaces 73557
Lockyer, D. *see* Vardaxoglou, J.C. 95042
Lockyer, G. Profibus—a user's view 65347
Lockyer, N. *see* Britton, C.L. 71809
Lodder, C. *see* Abelmann, L. 53028
Lodder, C. *see* Geerts, W. 93868
Lodder, C. *see* Simsa, Z. 72031
Lodder, C. *see* te Lintelo, H. 50230
Lodder, J.C. *see* Li Cheng-Zhang 72048
Lodder, J.C. *see* van Kooten, M. 63211
Lodders, W.H.M. *see* Oversluizen, G. 48985
Lodenquai, R. *see* Yeung, N.K. 92284
Lodge, F. *see* Newcombe, A. 96863
Lodge, J., Young, R., Guinand, P. Separable concatenated codes with iterative MAP filtering 73617
Lodge, J.H., Young, R.J., Guinand, P.S. Structure and properties of separable concatenated convolutional codes 95218
Lodge, N.K. Picture quality assessment and optimisation methods for advanced television systems 97636
Lodge, N.K., Green, N.W., Nunn, J.P. Audetel, audio described television—the launch of national test transmissions 97529
Lodge, N.K., Wood, D. Subjectively optimising low bit-rate television 97621
Lodin, S.W. The Corporate Software Bank 96728
Lodwig, S.G. Costs of 34-12.5 kV unit substation installation due to deferral of substation construction 90310
Lodygin, A.B. *see* Ivkin, E.B. 91558
Lodygin, A.V. *see* Antonov, A.N. 92465
Loe, R.S., Anderson, K., Jung, K. Comparative analysis results for underwater transient classification 57600
Loeb, H.W. *see* Groh, K.H. 53522
Loeb, H.W. *see* Groh, K.H. 67741
Loebinger, F.K. *see* Duerdoth, I. 88207
Loeckenhoff, H. Systemic leadership for strategic quality management 60822
Loeffler, W. *see* Binkley, D.M. 98817
Loehman, R.E. Ceramic metal reactions in composites, ceramic joining, and electronic packaging 79381
Loehr, L. Know your network: connecting with audiences in the age of electronic communications 96558
Loeliger, H.-A. *see* Chang-Jia Chen 73714
Loesch, K., Wuenstel, K., Pusch, R., Mayer, H.-P., Leong, J.S., Willems, F., Muys, W. Final results of RACE 1031. Low cost optoelectronic components 52508
Loeser, A. *see* Specht, E. 51408
Loew, G. *see* Bloom, E. 76520
Loew, G. *see* Winick, H. 63870
Loew, G. *see* Winick, H. 83178
Loew, G.A. Linear collider systems and costs 66796
Loew, G.A. *see* Ruth, R.D. 66791
Loew, G.A. *see* Vlieks, A.E. 67011
Loewenstein, L.M. *see* Barna, G.G. 62351
Lof, G. *see* Smith, C.C. 66716
Lofaro, R.J. Detecting and mitigating aging in component cooling water systems [nuclear plants] 60066
Lofdahl, L., Kalvesten, E., Stemme, G. Small silicon based pressure transducers for measurements in turbulent boundary layers 75915
Lofe, J.J., Almhem, P. Environmentally sound, high-efficiency PFBC plants rated to 750 MW 68472
Loferski, J.R. *see* Bettinger, D.D. 97785
Loffel, F., Brehm, G., Limbach, W. Applications of the power station control room desk 'cockpit' in the German Staudinger power station block 5 60036
Loffeld, O. Estimating range and time varying Doppler centroids with Kalman filters 77627
Loffeld, O. *see* Klaus, F. 67770
Loffler, F., Pfutzner, H., Booth, T., Bengtsson, C., Gramm, K. Influence of overlap length in stacked transformer cores consisting of several packages 68669
Loffler, F., Pfutzner, H., Booth, T., Bengtsson, C., Gramm, K. Influence of air gaps in stacked transformer cores consisting of several packages 72171
Loffler, F. *see* Miller, J. 94747
Loffler, F. *see* Pfutzner, H. 90062
Loffler, J.C. *see* Gericke, B. 90457
Loffler, S. *see* Fahrner, W.R. 71244
Loffler, S. *see* Neitzert, H.C. 81386
Loffler, W. *see* Reichel, F. 74311
Lofgren, S. *see* Carlson, P. 98532
Lofstedt, B. *see* Alippi, C. 53346
Lofstedt, B. *see* Alippi, C. 67381
Lofstedt, B. *see* Dell'Acqua, A. 87955
Lofstedt, B. *see* Dell'Acqua, A. 98680
Lofti, A.W. *see* Dai, N. 68687
Lofts, C. *see* Ruffin, P.B. 87219
Lofts, C. *see* Sawyer, J. 98061
Lofts, C.M., Ruffin, P.B., Sawyer, J.G., Parker, M. Development of sensing coils for an ultraminiaturized tactical fiber gyroscope 76031
Logachenko, I. *see* Bouclier, R. 88109
Logachenko, I. *see* Bouclier, R. 98617
Logachov, P.V. *see* Aleksandrov, A.V. 87901
Logan, E.A. *see* Mockler, A.J. 81120
Logan, P.M., Tunney, T., McCoy, C.T., Masterson, J. Comparison of a new dual characteristic film-screen system (Insight) with a standard film-screen system for chest radiology 76906
Logan, R. *see* Shahidi, G.G. 71797
Logan, R. *see* Storer, M. 88700
Logan, R.A. *see* Ackerman, D.A. 56810
Logan, R.A. *see* Andrekson, P.A. 63764
Logan, R.A. *see* Chen, Y.K. 72896
Logan, R.A. *see* Froberg, N.M. 50820
Logan, R.A. *see* Hunt, N.E.J. 63604
Logan, R.A. *see* Jiang, X.P. 94445
Logan, R.A. *see* Lee, B.-T. 54892
Logan, R.A. *see* Lee, B.-T. 54930
Logan, R.A. *see* Morton, P.A. 56750
Logan, R.A. *see* Morton, P.A. 56761
Logan, R.A. *see* Morton, P.A. 56788
Logan, R.A. *see* Patel, D. 83129
Logan, R.A. *see* Temkin, H. 56782
Logan, R.A. *see* Tsang, W.T. 72855
Logan, R.S. Administration of generation engineering contracts: a local-government perspective of customer service 89028
Logar, A.M., Conwin, E.M., Oldham, W.J.B. Predicting acid concentrations in processing plant effluent: an application of time series prediction using neural networks 99306
Logeay, Y. *see* Handschin, E. 78011
Loggini, M., Montanari, G.C., Cavallini, A. Generation of uncharacteristic harmonics in electrical plants with AC/DC converters 78701
Loggini, M. *see* Cavallini, A. 67998
Loggini, M. *see* Cavallini, A. 68852
Loggini, M. *see* Cavallini, A. 77884
Loggini, M. *see* Cavallini, A. 78702
Loggini, M. *see* Montanari, G.C. 69224
Loggini, M. *see* Ramos, J.R. 67999
Logginov, A.S. *see* Arjanov, E.V. 94459
Logginov, A.S. *see* Arzhanov, E.V. 72795
Loginnov, V.A. *see* Kirakosyants, V.E. 51555
Loginov, A.I. *see* Grebenev, V.N. 88135
Loginov, B.B. *see* Baublis, V.V. 59244
Loginov, S.V. *see* Abdullin, I.N. 54072
Loginov, V.A. *see* Bakut, P.A. 50910
Loginov, V.A. *see* Kirakosyants, V.E. 52470
Loginov, V.A. *see* Kirakosyants, V.E. 52647
Loginov, V.M. The soliton of the Korteweg-de Vries equation: a 'device' for separating an additive mixture of a determinate signal and Gaussian noise 73996
Logothetis, D., Trivedi, K. Transient analysis of the leaky bucket rate control scheme under Poisson and ON-OFF sources 64925
Logothetis, E.M. *see* Brailsford, A.D. 87322
Logunov, M.V. *see* Randoshkin, V.V. 56463
Logush, O.I. *see* Brozek, T. 93068
Logvin, Yu.A., Volkov, V.M., Samson, A.M. Spatio-temporal light dynamics of coupled bistable thin films 94627
Loh, E.C. *see* Bird, D. 98533
Loh, H.T. *see* Ji, P. 90966
Loh, M.H. *see* Cappelli, M.A. 70084
Loh, N.K. *see* Jiwen Wang 57526
Loh, N.K. *see* Xiangui Yu 98098
Loh, R., Dorfler, J. FAA's Satellite Program Office—satellite navigation program and status 67707
Loh, R., Fernow, J.P. Integrity monitoring requirements for FAA's GPS Wide-Area Augmentation System (WAAS) 65984
Loh, W.H., Grudinin, A.B., Afanasjev, V.V., Payne, D.N. Soliton interaction in the presence of a weak nonsoliton component 56347
Loh, W.H. *see* Atkinson, D. 97238
Loh, Y.C. *see* Kwon, H.M. 86300
Loh Sau Chung *see* Sau Chung Loh
Loh Sharchih *see* Sharchih Loh
Loh Yin-Chung *see* Yin-Chung Loh
Lohan, J., Davies, M. Transient thermal behaviour of a board-mounted 160-lead plastic quad flat pack 91079
Lohel, H., Owen, D., Merey, T. BorderMaster 2000—an advanced border surveillance system 74785
Loher, T., Tomm, Y., Pettenkofer, C., Jaegermann, W. Van der Waals epitaxy of three-dimensional CdS on the two-dimensional layered substrate $MoTe_2$(0001) 70038
Lohmann, A., Ojeda-Castaneda, J., Ibarra, J.G. Airy function and Laguerre polynomials: optical display and processing 74248

Lohmann, A., Ojeda-Castaneda, J., Rodriguez-Montero, P. Axial irradiance shaping with binary polar curves 56508
Lohmann, A.W., Soffer, B.H. Relationships between the Radon-Wigner and fractional Fourier transforms 64825
Lohmann, A.W. *see* Mendlovic, D. 84898
Lohmann, A.W. *see* Ozaktas, H.M. 64851
Lohmann, J.R. A clarification of the concepts of "income, wealth base, and rate of return implications of alternative project evaluation criteria" 90873
Lohmann, M. *see* Buschhorn, G. 76859
Lohmann, W. *see* Adam, A. 88087
Lohmann, W. *see* Adam, A. 88102
Lohmann, W. *see* Adriani, O. 88023
Lohming Li *see* Ming Zhang 51457
Lohner, A., Kruck, P., Ruhle, W.W. Generation of 200 femtosecond pulses tunable between 2.5 and 5.5 μm 73085
Lohner, A. *see* Leitenstorfer, A. 81238
Lohner, H. *see* Gabler, A.R. 67416
Lohner, T., Toth, Z., Fried, M., Khanh, N.Q., Gen Qing Yang, Lin Chen Lu, Shichang Zou, Hanekamp, L.J., van Silfhout, A., Gyulai, J. Comparative investigation of damage induced by diatomic and monoatomic ion implantation in silicon 49857
Lohner, T. *see* Kinomura, A. 49832
Lohner, T. *see* Takai, M. 49894
Lohnert, R. A model to structure the N-dimensional vector space of block coding and decoding procedures for error correction beyond the half minimum distance 83963
Lohneysen, H.van *see* van Lohneysen, H.
Lohr, R.F. *see* Rosenbaum, S.E. 92615
Lohrmann, A. *see* Cabrera, R. 99274
Lohrmann, D.R., Morrissett, J.G. Reduce noise in millimeter-wave radar receivers 65887
Loibner, A.P., Doblhoff-Dier, O., Zach, N., Bayer, K., Katinger, H., Lobmaier, Ch., Schalkhammer, Th., Pittner, F. Automated glucose measurement with microstructured thin-layer biosensors for the control of fermentation processes 66514
Loiko, N.A., Samson, A.M. Instabilities in laser systems with delay 94633
Loiko, T.V. *see* Averchenkov, V.Ya. 59053
Loiko, V.A., Konkolovich, A.V. The noise properties of medium at holographic reconstruction of the image 64025
Loinaz, M.J., Wooley, B.A. A BiCMOS time interval digitizer based on fully-differential, current-steering circuits 61783
Loiseaux, B. *see* Nicolas, C. 58934
Loiseaux, J.-M. *see* Savalle, A. 87766
Loisel, B. *see* Duhamel, N. 81871
Loisel, B. *see* Plevert, L. 81398
Loisel, B. *see* Stoemenos, J. 81396
Loiselet, M. *see* Desnos, Y.-L. 77242
Loizzo, E. *see* Cennamo, F. 92317
Lojacono, R. *see* Biey, M. 70262
Lok, J.G.S. *see* Strijbos, R.C. 63751
Lok, J.G.S. *see* Strijbos, R.C. 82988
Lok, N.Van *see* Van Lok, N.
Lok, T.M., Lehnert, J.S. DS/SSMA communication system with trellis coding and CPM 65560
Lokalov, V.A. *see* Lipovskii, A.A. 82641
Lokberg, O.J. Sound in flight: measurement of sound fields by use of TV holography 56937
Lokberg, O.J., Pedersen, H.M., Valo, H., Wang, G. Measurement of higher harmonics in periodic vibrations using phase-modulated TV holography with digital image processing 83353
Loken, R. *see* Adnanes, A.K. 69124
Loken-Kim, K.-H. *see* Yato, F. 95270
Loker, D.R. Microstrip circuit design using PUFF 60807
Lokhande, C.D. *see* Desai, J.D. 79880
Lokhande, C.D. *see* Gadave, K.M. 61333
Lokhnygin, V.D., Bernard, J.E., Alcock, A.J. Single longitudinal mode, diode-pumped Nd:YVO_4 slab laser 56691
Lokre, J. *see* Abu-Amara, H. 65194
Loktev, S.M., Maslennikov, V.L., Sychugov, V.A., Tishchenko, A.V., Usievich, B.A. Diffraction gratings in a system of two radiationally-coupled waveguides 72407
Loktev, S.M., Sychugov, V.A., Usievich, B.A. Propagation of light in a system of two radiatively coupled waveguides 63436
Lolgen, P., Leguijt, C., Eikelboom, J.A., Steeman, R.A., Sinke, W.C., Verhoef, L.A., Alkemade, P.F.A., Algra, E. Aluminium back-surface field doping profiles with surface recombination velocities below 200 cm/s 100644
Lolgen, P. *see* Leguijt, C. 94252
Lom, C. *see* Cole, M. 67075
Lom, C. *see* Sredniawski, J. 76443
Lomakin, Yu.F. *see* Butenko, V.A. 53317
Lomas, J. *see* Duerdoth, I. 88207
Lomas, T.M.A. *see* Anderson, R.J. 64310
Lomash, S.K. *see* Bhan, R.K. 52942
Lomasov, V.N. *see* Arinushkin, V.N. 49958
Lomatch, S., Rippert, E.D. Josephson transmission lines with multilayer Josephson junctions 82353
Lombard, J.-J. *see* Habashi, K. 68066
Lombardi, A. *see* Andreev, V.A. 76416
Lombardi, C. *see* Jones, S.K. 62967
Lombardi, E.J. Engineering tests performed on the X2000 and ICE high speed trainsets 54212
Lombardi, F. *see* Salinas, J. 80366
Lombardi, F. *see* Sun, X. 55189
Lombardi, G. *see* Anzaloni, A. 96640
Lombardo, P., Oliver, C.J. Estimation of texture parameters in K-distributed clutter 86531
Lommasson, T.C., Wiedeman, S., Russell, L., Kessler, J., Arya, R.R. Progress in large area copper indium diselenide modules 90439
Lommasson, T.C. *see* Arya, R.R. 100513
Lomonosov, V.V. *see* Vikharev, V.D. 88073
Lomova, L. *see* Chultem, D. 88174
Lomova, L. *see* Chutlem, D. 87736
Lomow, G.A. *see* Unger, B.W. 74847
Lomukhin, Yu.L. *see* Vetluzhskiy, A.Y. 80548
Lon Chu *see* Ying-Moh Liu 66151
Lon-Rong Hu *see* Rappaport, S.S. 86135
Lonard, D. Digital distance protection algorithm for $16^2/_3$ Hz catenary networks 78900
Loncaric, S. *see* Ivanovic, M. 67466
London, C. *see* Bechade, R. 92285
London, R.A. *see* Da Silva, L.B. 94323
London, R.A. *see* Eder, D.C. 63677
London, R.A. *see* Ratowsky, R.P. 50733
Lone, M.A., Wong, P.Y., Ajmani, K. Sensitivity of self-powered detector probes to electron and gamma-ray fields 98531
Lonergan, T.J. *see* Dinges, W.L. 94337
Long, A.P. *see* Hankey, J. 52606
Long, B.Y. *see* Yang, G.-R. 92973
Long, D.C. *see* You-Wen Yau 91012
Long, D.D.E. *see* Cheng Tang 74744
Long, D.G., Arnold, D.A., Reed, R. An ultra wide band radar for the study of air/sea interaction 77536
Long, D.G., Early, D. Sea ice observed at enhanced resolution by spaceborne scatterometers 88822
Long, D.G., Gunther, J. Recent results in model-based wind retrieval 77413
Long, D.G., Hardin, P.J. Vegetation studies of the Amazon basin using enhanced resolution Seasat scatterometer data 77703
Long, G.J. *see* Marasinghe, G.K. 50181
Long, H.C.De *see* De Long, H.C.
Long, H.W. *see* Linzel, R.C. 79056
Long, J., Wickens, C. Conformal versus non-conformal symbology and the head-up display 67700
Long, J.E. *see* Travers, M.G. 60393
Long, K.J. *see* Curren, A.N. 92869
Long, K.W. *see* Hung, Y.Y. 70187
Long, L. *see* Barr, D.A. 76993
Long, M. *see* Zimmerman, D.E. 90817
Long, P.M. *see* Hoang, D.T. 57892
Long, R.G. *see* Vantomme, A. 48945
Long, R.L. TMI-2 lessons have been learned 78300
Long, R.R. *see* Bernecker, C.A. 90638
Long, R.W. *see* Slade, P.G. 68889
Long, T. *see* Jamerson, C. 49161
Long, T.P. *see* Sung, J.M. 71827
Long Gao *see* Youyi Wang 89075
Long Gao *see* Youyi Wang 89117
Long Gong *see* Liu Hui 57847
Long Jiang *see* Jian Ping Wang 55491
Long Lee Charng *see* Charng Long Lee
Long Li *see* He Mincai 52844
Long Lim *see* Cheah, R.S.-S. 74975
Long Que, Guoliang Sun, Boru Feng Programming of phase shift mask simulation software and some important aspects 71499
Long Wei *see* Uedono, A. 71358
Long Wei *see* Uedono, A. 81186
Long Xiao *see* Sun Xiaowei 56847
Long Yang, Draving, S.D., Mars, D.E., Tan, M.R.T. A 50 GHz broad-band monolithic GaAs/AlAs resonant tunneling diode trigger circuit 55171
Long Yun-Liang *see* Yun-Liang Long
Long Yunliang, Jiang Hongyan Far fields due to a loop antenna in a three-layered conducting medium 94956
Long Yunliang *see* Yunliang Long
Long-Jun Shen *see* Shen Long-Jun
Long-Sen Yang *see* Maoh-Chin Jiang 100253
Long-Wen Chang, Shui-Kung Chuag, Shang-Shung Yu Skeleton chain coding for Chinese characters 57860
Longan Wu *see* Wu Longan
Longbotham, H. *see* Rouzky, R. 59392
Longbotham, H. *see* Yan, P. 64621
Longbotham, H.G. *see* Arnow, T.L. 69599
Longbotham, H.G. *see* Roberson, D.J. 88550
Longbottom, F., Eren, H. Ultrasonic multiple-sensor solid level measurements 98365
Longcor, S. *see* Jack Zezhong Peng 61693
Longcor, S. *see* Zezhong Peng, J. 49411
Longde Zhu *see* Buchwald, W.R. 50695
Longenbach, K.F. *see* Guarin, F.J. 92667
Longenbaker, W.E. *see* Haszto, E.D. 65209
Longenecker, C.L. *see* Hiester, C.S. 78416
Longginnou, L. *see* Chan, K.L. 97101
Longhi, S. Theory of transverse modes in end-pumped microchip lasers 72753
Longhi, S. Bistability in self-mode-locked lasers with radially varying gain 72990
Longjian Cao *see* Jing Shi 59676
Longmore, D.B. *see* Forbat, S.M. 59369
Longo, L., Halim, R., Bor-Rong Horng, Ken Hsu, Shamlou, D. A cellular analog front end with a 98 dB IF receiver 97134
Longo, S. *see* Colonna, G. 72669
Longobardi, G. *see* Ciamberlini, C. 52959
Longoni, A. *see* Gauthier, C. 98713
Longoni, A. *see* Jalas, P. 88315
Longoni, A. *see* Jalas, P. 98724
Longqing He, Xiaochun Zhang, Yongkang Guo, Lurong Guo Two-step synthetic rainbow holography with 360° viewing angle 56998
Longquan Ruan *see* Ruan Longquan
Longtin, K., Morjaria, M., Rink, F.J., Stanton, D., Klempner, G.S., Burns, C.W., Stein, J. Generator expert monitoring system as an enabler for a condition-based maintenance program for utility generators 89788
Longya Xu, Wei Cheng, Xingyi Xu Position sensorless control of a doubly-fed induction machine system using only rotor side variables 89985
Longya Xu, Yifan Tang, Lurong Ye Comparison study of rotor structures of doubly excited brushless reluctance machine by finite element analysis 60190
Longya Xu *see* Bonnano, C.J. 100848
Longya Xu *see* Tumageanian, A. 60194
Longya Xu *see* Yifan Tang 100040
Lonie, B. The role of power quality: meeting the needs of the electronics industry 54354
Lonie, B., Shaughnessy, T. When traditional power monitoring isn't enough 58939
Lonnestad, T. *see* Iversen, H. 64697
Lonngren, K.E. *see* Ali Amin 55712
Lonsbury-Martin, B.L. *see* Whitehead, M.L. 53388
Lonsdale, A. *see* Hall, D.A. 87086
Lonsdale, E.M. *see* Ostheimer, M.W. 60785
Lonvig, B. *see* Nielsen, P.S. 96507
Loo, G.-J.Van *see* Van Loo, G.-J.
Loo, J., Duteau, J.-H. The DREO Electronic Warfare Engagement Simulation Facility 88917
Loo, R.F. *see* Tangonan, G.L. 86364
Loo Chun *see* Chun Loo
Loock, W.Van *see* Van Loock, W.
Loois, G., van der Weiden, T.C.J., Hoekstra, K.J. Technical set-up and use of PV diesel systems for houseboats and barges 100895
Look, D.C., Fang, Z.-Q., Yamamoto, H., Sizelove, J.R., Mier, M.G., Stutz, C.E. Deep traps in molecular-beam-epitaxial GaAs grown at low temperatures 79787
Look, D.C., Jogai, B., Stutz, C.E., Sherriff, R.E., DeSalvo, G.C., Rogers, T.J., Ballingall, J.M. Magneto-Hall characterization of delta-doped pseudomorphic high electron mobility transistor structures 71718
Look, D.C. *see* Roberts, J.C. 49007
Look, D.C. *see* Stutz, C.E. 55555
Loomans, M.E., Vaynman, S., Ghosh, G., Fine, M.E. Investigation of multi-component lead-free solders 79975
Loomba, D. *see* Ahlen, S.P. 59097
Loomis, D. *see* Samadani, R. 98239
Loomis, D.P. *see* Savitz, D.A. 67634
Loomis, H.H. *see* de la Serna, A.E. 70756
Loomis, H.H., Jr., Bernstein, R.F., Jr. Realization of TDOA estimation architectures 92291
Loomis, J.S. *see* Gustafson, S.C. 74373
Looney, J.P. *see* Tilford, C.R. 98350
Loong, A.H.S., Cheung, W.H. An implementation model for developing network protocol infrastructures 74717
Loong, W.A. *see* Shy, S.L. 81611
Loong Wen-an *see* Wen-an Loong
Loop, C. A G^1 triangular spline surface of arbitrary topological type 61152
Loop, J.D. *see* Basch, B. 85666
Loorya, J. Monitoring harmonics for sizing filters and for complying with IEEE 519 60028
Loos, G. *see* Christensen, D.A. 76016
Loos, G.D., Antar, Y.M.M. A new aperture-coupled rectangular dielectric resonator antenna array 95036
Loose, D.C., Colson, J.C. PPA-A precise, data driven component tool 49706
Loose, D.R., Gentner, F.C. Comparative anatomy of maintenance tasks (CAMT) database feasibility study field administration technology demonstration 99033
Loose, D.R., Gentner, F.C., Dascalos, C.M. Comparative anatomy of maintenance tasks (CAMT): demonstration of field administration technique 59655
Loosen, P. *see* Ehrlichmann, D. 72954
Looy, P. *see* Jayaram, S. 64111
Looy, P.C. *see* Chang, J.S. 64106
Looy, P.C. *see* Chang, J.S. 68419
Looyen, W.J., Zeppenfeldt, F.O., Hendriks, C.F.W. A mathematical monitoring concept in an Earth observation framework 67895
Looyen, W.J., Zeppenfeldt, F.O., Venema, J.C., van der Burg, G., Hoekman, D.H., van der Sanden, J.J., Reichert, P.G., Westinga, E. FAME: a forest assessment and monitoring environment scenario 77618
Loparo, K.A. *see* Yuguang Fang 91360
Lopata, J. *see* Bylsma, R.B. 72804
Lopata, J. *see* Chand, M. 63775
Lopatin, G.G. *see* Anthony, T.C. 72131
Lopatin, V.V. *see* Bastrikov, A.N. 55515

Lopatin, V.V. *see* Gavrilov, I.M. 63064
Lopatin, V.V. *see* Kukhta, V.R. 56095
Lopatkin, S.A. *see* Boev, S.G. 93695
Loper, M. *see* Bassiouni, M. 75005
Loper, M. *see* Bassiouni, M. 75050
Lopes, A. *see* Karam, M.A. 77585
Lopes, A. *see* Nezry, E. 67800
Lopes, A. *see* Nezry, E. 67800
Lopes, A. *see* Nezry, E. 77684
Lopes, A. *see* Piau, P. 77625
Lopes, A. *see* Touzi, R. 77682
Lopes, A. *see* Touzi, R. 88871
Lopes, E.P. *see* Burgun, L. 91999
Lopes, L. *see* Hua Jin 78777
Lopes, L.A.C., Joos, G., Boon-Teck Ooi A PWM quadrature booster phase shifter for AC power transmission 99642
Lopes, L.B. *see* Brandao, A.L. 65679
Lopes, L.B. *see* Ibbetson, L.J. 58349
Lopes, L.B. *see* Safavi, S. 58338
Lopes, M.C.V., Hasenack, C.M., Baranauskas, V. Numerical calculations of the electrical effects induced by structural imperfections on MOS capacitors 62325
Lopes, M.I., Ypsilantis, T. Study of the uniformity of the scintillation response in a liquid xenon calorimeter 67338
Lopes, M.I. *see* Chepel, V.Y. 98528
Lopez, A.R. Comments on "Effect of wet snow an the null-reference ILS system" 99077
Lopez, A.Ruano *see* Ruano Lopez, A.
Lopez, A.S. *see* Dykaar, D.R. 73113
Lopez, C., Morel, J.M. Axiomatization of shape analysis and application to texture hyperdiscrimination 96053
Lopez, C. *see* Lemonnier, B. 88813
Lopez, D.A., Haughton, D.A. World-class manufacturing in northwest electronics companies: distressing results for technology and MPC applications 54313
Lopez, E. *see* Garcia, A. 66193
Lopez, F., Koul, R., Mills, F.E. Effect of magnet sorting using a simple resonance cancellation method on the RMS orbit distortion at the APS injector synchrotron 76706
Lopez, F. *see* de Frutos, J. 52867
Lopez, F. *see* de Frutos, J. 66570
Lopez, F. *see* Koul, R.K. 76707
Lopez, G. Quench simulation of the 40 mm aperture SSC-quadrupole magnet connected in series with 50 mm aperture SSC-dipole magnets 76661
Lopez, G. Head-on and long-range beam-beam tune shift spread in the SSC 87863
Lopez, G., Chen, S. Tune shift effect due to the sextupole longitudinal periodic structure in the superconducting dipole magnets 66901
Lopez, G. *see* Chen, S. 87905
Lopez, H. *see* Mayo, J.L. 60122
Lopez, I.M. *see* Burgos Fernandez, A. 69315
Lopez, I.M. *see* Llorente Gonzalez, J.I. 69314
Lopez, J. *see* Chen, H. 59347
Lopez, J. *see* Chen, H. 67524
Lopez, J. *see* Policroniades, R. 67399
Lopez, J.M., Carbonne, D. Electronically scanned antennas for Earth global monitoring 57295
Lopez, J.R. The effect of induction motor design on losses and efficiency for adjustable-frequency drives 100125
Lopez, J.R.A. *see* Rosa, L.C. 54046
Lopez, M., Horman, M., Luu, T., Orlando, H. Mission relevant testing 59622
Lopez, M. *see* Osaka, F. 93191
Lopez, O. *see* Bayruns, R. 93539
Lopez, R., Vlahodimitropulos, K. Adaptive propagation prediction using Lee's model in a nonhomogeneous environment 64152
Lopez, V. *see* Serrano, E. 64030
Lopez Aguera, A. *see* Adam, W. 88114
Lopez de la Calle, L.N. *see* Burgos Fernandez, A. 69315
Lopez de la Calle, L.N. *see* Llorente Gonzalez, J.I. 69314
Lopez de Munain, J.M.H., Rodriguez de Torres, I. Management of pan-European transmission infrastructures 52018
Lopez Lago, E. *see* Sochacka, M. 66700
Lopez Lerida, J. *see* Vina, A. 74818
Lopez Nunez, G. *see* Sanchez Llamazares, J.L. 50231
Lopez Rubio, J.A. *see* Rodriguez, T. 62161
Lopez-Amo, M. *see* Fernandez de Caleya, R. 76050
Lopez-Amo, M. *see* Vizoso, B. 50484
Lopez-Gonzalo, E. *see* Banga, E.R. 73876
Lopez-Gonzalo, E. *see* Hernandez-Gomez, L.A. 84108
Lopez-Krahe, J. *see* Lutton, E. 51602
Lopez-Lopez, M.A. *see* Natarajan, R. 69142
Lopez-Ruiz, R., Mindlin, G.B., Perez-Garcia, C., Tredicce, J.R. Nonlinear interaction of transverse modes in a CO_2 laser 72697
Lopez-Soler, J.M., Farvardin, N. A combined quantization-interpolation scheme for very low bit rate coding of speech LSP parameters 73835
Lopez-Urrutia, J.R.Crespo *see* Crespo Lopez-Urrutia, J.R.
Lopez-Villanueva, J.A. *see* Gamiz, F. 55996
Lopez-Villegas, J.M. *see* Samitier, J. 58885
LoPresti, P.G. *see* Khoo, I.C. 50947
Lopresti, P.V. Extending design-for-test into the analog and mixed-signal domains 66120
Lops, M. *see* Conte, E. 88821
Lops, M. *see* Conte, E. 97857
Lopuga, A.D. *see* Baigarin, K.A. 98718
Lopusnik, P. *see* Orgon, M. 62631
Lora Tamayo, E. *see* Duenas, S. 81211
Lora-Tamayo, E. *see* Cane, C. 55614
Lora-Tamayo, E. *see* Duenas, S. 81454
Lora-Tamayo, E. *see* Lozano, M. 55849
Lorattanasane, C. *see* Kikuchi, K. 82559
Lorcet, B. *see* Driss, K.B. 88958
Lord, A. *see* Widdowson, T. 56369
Lord, B.E. *see* Louineau, J.P. 100020
Lord, J.S. *see* Kapusta, C. 50218
Lord, K.R., II, Walters, M.R., Woodyard, J.R. Investigation of light and dark I-V characteristics of a-Si:H alloy solar cells, irradiated with 1.0 MeV protons 100751
Lord, R., Aujla, S. High density backplane connector: suits high signal speeds 62021
Lord, S.M. *see* Goorsky, M.S. 54837
Lord, W. *see* Ghorayeb, S.R. 49033
Lord, W. *see* Sun, Y.S. 80000
Lord, W. *see* Sun, Y.S. 80001
Loredo, S. *see* Tellez, J.R. 93499
Loree, T.R. *see* Zuclich, J.A. 67464
Lorello, M. *see* Den Hartog, P. 76300
Loreman, J.R. *see* Shell, J.S. 58370
Lorence, L.J., Jr. *see* Baldwin, G.T. 59211
Lorentz, R.D. *see* Callaby, R.D. 71981
Lorenz, D. *see* Gorablenkow, J. 100419
Lorenz, E., Natkaniec, S., Renker, D., Schwartz, B. Fast readout of plastic and crystal scintillators by avalanche photodiodes 53294
Lorenz, H., Groh, H. Pressurized enclosures—the way to large scale integration of power installations 53985
Lorenz, H. *see* Gossner, H. 62593
Lorenz, H. *see* Tobben, D. 93001
Lorenz, H. *see* Wendel, M. 81742
Lorenz, J. *see* Tait, R.B. 69246
Lorenz, R. RF beam position monitors for the TESLA Test Facility 76494
Lorenz, R. *see* Bruns, W. 67226
Lorenz, R.D., Lipo, T.A., Novotny, D.W. Motion control with induction motors 89936
Lorenz, R.D. *see* Heeres, B.J. 99668
Lorenz, R.D. *see* Jansen, P.L. 68594
Lorenz, R.D. *see* Jansen, P.L. 68611
Lorenz, R.D. *see* Jansen, P.L. 78637
Lorenz, R.D. *see* Seidl, D.R. 68649
Lorenz, R.D. *see* Wallace, I.T. 89978
Lorenz, R.W., Kadel, G. Diversity measurement technique for wideband mobile radio 97105
Lorenz, U. *see* Baur, H. 60134
Lorenzelli, F., Hansen, P.C., Chan, T.F., Yao, K. A systolic implementation of the Chan/Foster RRQR algorithm 74212
Lorenzetti, D.M., Norford, L.K. Pressure setpoint control of adjustable speed fans 90677
Lorenzini, P. *see* Mosser, V. 66195
Lorenzini, P. *see* Mosser, V. 66245
Lorenzo, J.P. *see* Martin, E.A. 56555
Loreti, M. *see* Amidei, D. 98639
Lorick, N.O. Organization effectiveness for the next decade [electric utilities] 89030
Lorikian, M.P. *see* Gavalian, V.G. 98545
Lorimer, W.L., Lieu, D.K., Hull, J.R., Mulcahy, T.M., Rossing, T.D. Correlation of experimental data and three-dimensional finite element modeling of a spinning magnet array 82289
Lorin, A. *see* Charra, F. 81255
Lorito, F. *see* De Nicolao, G. 64516
Lorke, A. *see* Bressler-Hill, V. 91441
Lorkowski, H.-J. *see* Biebricher, M. 56464
Lortscher, M., Wili, U., Furrer, B. Overhead live beams [railway catenary] 100888
Lory, E.R. *see* Rietman, E.A. 62474
Lory, J. *see* Gingrich, D. 53291
Los, P., Bruce, P.G. AC impedance measurements at ultramicroelectrodes 87435
los Galanes, F.M.Gimenez de *see* Gimenez de los Galanes, F.M.
Losasso, M. *see* Seyfert, P. 94014
Losch, K. *see* Ohnsorge, H. 96422
Losch, R. *see* Heedt, C. 93492
Loschner, H., Stengl, G., Berry, I.L., Randall, J.N., Wolfe, J.C., Finkelstein, W., Hill, R.W., Melngaillis, J., Harriott, L.R., Brunger, W., Buchmann, L.-M. Ion projection lithography 62601
Losev, V. *see* Kovalenko, S.E. 63909
Losev, V.F. *see* Bychkov, Yu.I. 63635
Losh, M.W. *see* Riemer, T.E. 73977
Loshkareva, N.N., Sukhorukov, Yu.P., Shuvalov, V.A., Kartashev, E.V., Tugushev, S.N., Samokhvalov, A.A. Magnetooptical filter for 8-14 μm infrared radiation 72494
Losic, N.A., Varga, L.D. A current-free and parameter-free control algorithm 60520
Losito, J., III, McIntyre, J. Critical-path tensioning by specialist supervision [reactor heads] 53875
Losito, R. *see* Cardito, M. 76449
Losito, S. *see* Fiorini, P. 74895
Loske, A.M. *see* Prieto, F.E. 88541
Losleben, J.P. *see* DeWinkel, C.C. 68169
Losleben, P. *see* Saraswat, K.C. 69548
Losquadro, G. *see* Ferrari, M. 75732
Loss, I.J.B. *see* Galup-Montoro, C. 82073
Loss, K., Nicosia, J., Taylor, G. Autonomous precision approach and landing system APALS 77132
Losserand-Madoux, R. *see* Bezaguet, A. 82474
Losurdo, M. *see* Bruno, G. 54902
Lotan, N., Ashkenazi, G., Tuchman, S., Nehamkin, S., Sideman, S. Molecular bio-electronics biomaterials 55497
Lotem, H. Mode-hop suppression of Littrow grating-tuned lasers: comment 63908
Lotfalian, M., Talley, C. The modeling of the state estimator using artificial measurements 88954
Lotfi, A.W., Lee, F.C. A high frequency model for Litz wire for switch-mode magnetics 61975
Lothian, J.R. *see* Bharatan, S. 91489
Lothian, J.R. *see* Fu, S.T. 92527
Lothian, J.R. *see* Pearton, S.J. 81219
Lothian, J.R. *see* Ren, F. 93351
Lothian, J.R. *see* Wisk, P.W. 48949
Lothian, J.R. *see* Yang, L.W. 55930
Lothian, J.R. *see* Yang, L.W. 62715
Lotin, J. *see* Meny, C. 75969
Lotke, S.D. *see* Patil, M.G. 71127
Lototsky, M.V. *see* Shmal'ko, Yu.F. 76742
Lotov, A.I. *see* Danilichev, M.V. 77467
Lotov, V.V. *see* Buzynin, A.N. 71766
Lotrian, J. *see* Perennou, A. 77508
Lott, C., Xu, J.H., Saadate, S., Davat, B. A new approach of control by model of a voltage source GTO active power filter 90124
Lott, G.K., Rose, R.B. Project PENEX a modern HF field strength measurement project 83660
Lott, G.K., Vincent, W.R., Jauregui, S. HF signal amplitude distributions and total spectrum power measurements 97026
Lott, G.K. *see* Brant, D. 97515
Lott, G.K. *see* Bust, G.S. 99191
Lott, G.K. *see* Rose, R.B. 83661
Lott, G.K. *see* Vincent, W.R. 94880
Lott, J.A. *see* Choquette, K.D. 63857
Lott, J.A. *see* Chow, W.W. 72830
Lott, J.A. *see* Howard, A.J. 94526
Lott, J.A. *see* Schneider, R.P., Jr. 50823
Lott, U. Sensitivity analysis of the millimeter-wave heat performance parameters f_T and f_{max} to errors in the equivalent circuit elements 80712
Lottgen, J., Wagner, R., Richerzhagen, N., Wienhard, K. Automatic control device for the continuous administration of ^{15}O labelled gaseous tracers for PET measurements 88417
Lotti, F. *see* Baronti, S. 95796
Lottici, P.P. *see* Gennari, S. 71120
Lottin, J.-C. *see* Bate, J.-M. 82488
Lottin, J.P. *see* Gingrich, D. 53291
Lotton, P. *see* Bruneau, M. 77739
Lotufo, R.de Alencar *see* de Alencar Lotufo, R.
Lotzerich, K. A comparison of a conventional launch system vs. externally supplied vehicles for installation and maintenance of solar power satellites 68495
Lotzkat, W. *see* Holtz, J. 60537
Lotzkat, W. *see* Holtz, J. 90535
Lou, E., Durdle, N.G., Raso, V.J., Hill, D.L. A system for measuring pressures exerted by braces in the treatment of scoliosis 88354
Lou, J. Reliability of packet switched HF networks 96994
Lou, J.H. *see* Kuo, J.B. 49363
Lou, L., Mugnier, J., Bahtat, M., Simoni, E., Brandel, V., Genet, M. Thorium phosphate xerogel thin film-light guide 72378
Lou, S. Compact fluorescent lamp adapter measurement with integrated system of virtual instrumentation 69203
Lou, S.H. *see* Nghiem, S.V. 77534
Lou, X. *see* Page, H. 56867
Lou, Y.L. *see* Rignot, E. 77461
Lou Chen-Yuan *see* Chen-Yuan Lou
Lou Fengguang *see* Ai Jun 56498
Lou Jen-Chung *see* Jen-Chung Lou
Lou Ken-An *see* Ken-An Lou
Lou Men *see* Zhou Hongmei 67785
Lou Meng *see* Yang Xingwei 67911
Lou Qihong Progress of excimer lasers and its applications 82946
Lou Qihong *see* Ye Zhenhuan 73047
Lou Qihong *see* Qihong Lou
Lou Shuhui *see* Jiao Lianbo 77936
Lou Shuli, Su Deqing, Gong Chaoyang, Jin Yuquan A study on speedy test method of failure rate of microwave devices 61897
Lou Xu *see* Gong Xiaowu 80110
Lou Yung-Song *see* Yung-Song Lou
Lou Zhi-Ping *see* Kuang Yuan-Zhu 53258
Loubet, G., Jourdain, G. Characterization of the underwater medium as an acoustical horizontal transmission channel 75520
Loubnin, E.N. *see* Pimenov, S.M. 81560
Loubriel, G.M., Zutavern, F.J., Hjalmarson, H.P., Gallegos, R.R., Helgeson, W.D., O'Malley, M.W. Measurement of the velocity of current filaments in optically triggered, high gain GaAs switches 63577
Loubriel, G.M. *see* Stoudt, D.C. 63552
Loucks, T., Ghosh, B.K., Lund, J. An optical flow based approach for motion and shape parameter estimation in computer vision 64837

Louderback, M.L. *see* Biggs, J.D. 58850
Louderback, M.L. *see* Blessinger, M.A. 58849
Loudin, W.J. *see* Fasching, G.E. 58710
Loudon, G.H. *see* Sehmi, A.S. 53419
Loudon, R. *see* Blow, K.J. 72313
Lougher, P., Shepherd, D., Pegler, D. The impact of digital audio and video on high-speed storage 74981
Loughlin, P.J., Pitton, J.W., Atlas, L.E. Construction of positive time-frequency distributions 95384
Loughlin, P.J. *see* Pitton, J.W. 84508
Loughlin, P.J. *see* Pitton, J.W. 95244
Loughlin, P.J. *see* Pitton, J.W. 95628
Loughry, C.W. *see* Woisetschlager, J. 88378
Lougnot, D.-J. Self-processing photopolymer systems for holographic recording with red or near infrared sensitivity 57011
Lougnot, D.-J. Photopolymer recording materials for holography—some recent developments 64024
Louhi, J.T. The capacitance of a small circular Schottky diode for submillimeter wavelengths 49654
Loui, A., Venetsanopoulos, A.N. A geometrical correlation function for shape recognition 57768
Loui, M.C. Computer engineering at the University of Illinois at Urbana-Champaign 69419
Loui, M.C. *see* Uribe, R.B. 60786
Louie, M.E., Ercegovac, M.D. Implementing division with field programmable gate arrays 70353
Louineau, J.P., Crick, F., McNelis, B., Scott, R.D.W., Lord, B.E., Noble, R., Anderson, D., Hill, R., Pearsall, N.M. Photovoltaic cladding systems for commercial buildings in the UK 100020
Louis, D., Laporte, P., Molle, P., Ullmann, H. DUV PRIME: A robust process for 0.3 μm contact holes 81653
Louis, E.A. *see* Jian-Gang Zhu 82271
Louis, J.-P. *see* Grenier, D. 90500
Louis, J.-P. *see* Oukaour, A. 90113
Louis, J.H. *see* Santamaria, J.C. 83723
Louis, J.P. *see* Flieller, D. 90121
Louis, M. *see* Meichenin, D. 72786
Louis, V. *see* Granjon, Y. 67501
Louis-Jacquet, M. *see* Jacquemot, S. 50742
Loukas, D. *see* Adam, W. 88114
Loukas, D. *see* Kavadias, S. 53319
Loukas, D. *see* von Apeldoorn, G. 88116
Lounasmaa, O.V., Knuutila, J., Salmelin, R. SQUID technology and brain research 56260
Lounasmaa, O.V. *see* Knuutila, J.E.T. 53390
Loundu, M.D., Despins, C.L., Conan, J. Estimation of the capacity of a mobile radio channel with selective fading and diversity 86220
Loung Goung, Hui Liu, Zhen Tan Automatic interpretation of TV scene based on wavelet method 57846
Loupas, T., Gill, R.W. Multifrequency Doppler: improving the quality of spectral estimation by making full use of the information present in the backscattered RF echoes 76901
Loupas, T., McDicken, W.N., Anderson, T., Allan, P.L. Development of an advanced digital image processor for real-time speckle suppression in routine ultrasonic scanning 59285
Loupis, M.I., Avaritsiotis, J.N., Tziallas, G.D. Comparative study of statistical distributions in electromigration-induced failures of Al/Cu thin-film interconnects 93268
Louradour, F. *see* Couderc, V. 72952
Loural, M.S.S. *see* Morosini, M.B.Z. 50800
Lourdudoss, S., Streubel, K., Wallin, J., Andre, J., Kjebon, O., Landgren, G. Very rapid and selective epitaxy of InP around mesas of height up to 14 μm by hydride vapour phase epitaxy 56817
Lourdudoss, S., Zhang, S.-L. High concentration phosphorus doping of polycrystalline silicon by low temperature direct vapor phase diffusion of phosphine followed by rapid thermal annealing 62413
Lourdudoss, S. *see* Streubel, K. 56792
Lourdudoss, S. *see* Streubel, K. 83155
Lourdudoss, S. *see* Varga, D. 56812
Loureiro, M.J. LABEL: an intelligent learning environment (ILE) for electric circuits 79188
Lourenco, A. *see* Cantao, M.P. 82725
Lourenco, L.M., Gogineni, S.P., LaSalle, R.T. On-line particle-image velocimeter: an integrated approach 58999
Lourens, J.G., de Waal, W.R.M. On the TV ghost image model 86657
Lourens, J.G., Weber, D.M. Measuring audio SNR on digital broadcast systems 58553
Lourens, T., Petkov, N., Kruizinga, P. Large scale natural vision simulations 84610
Lourens, W. *see* Kolstein, M. 74343
Louri, A., Hongki Sung A hypercube-based optical interconnection network: a solution to the scalability requirements for massively parallel computers 50704
Louri, A., Hongki Sung 3D optical interconnects for high-speed interchip and interboard communications 94298
Louri, A., Sung, H. An optical multi-mesh hypercube: a scalable optical interconnection network for massively parallel computing 63509
Lourtie, I.M.G., Carter, G.C. The Novel Ocean Low SNR Signal (NOLOSS) detection method for uncertain ocean environments 75665
Lourtioz, J.-M. *see* Chelnokov, A.V. 94157
Lous, E.J. *see* Brown, A.R. 93452
Lous, E.J. *see* de Leeuw, D.M. 81776
Loushine, M.J., Scanlan, J.M. Improving two dimensional feature extraction with a recursive sliding discrete Fourier transform 74518
Loutchkiha, I.I. *see* Dovgalenko, G.E. 56965
Loutts, G. *see* DeLoach, L.D. 82963
Loutts, G. *see* Payne, S.A. 72720
Loutts, G.B. *see* Zhang, X.X. 63724
Loutzky, S. *see* Passerini, S. 78787
Louvergneaux, E., Hennequin, D., Dangoisse, D., Glorieux, P. Transverse eigenmode dynamics in multimode CO_2 lasers 94358
Louvet, B., Chellingsworth, S. Satellite integration into broadband networks 96735
Lovanyi, I., Nagy, A. Robust morphological and textural description of micro- and macroproperties on machine finished surfaces 69589
Lovas, A., Varga, L.K., Kisdi-Koszo, E., Kovak, J. Inhomogeneities and basic magnetic properties in Fe-B glassy alloys 72045
Lovas, A. *see* Vojtanik, P. 72003
Lovas, L. *see* Kadar, I. 75522
Lovberg, J., Ri-Chee Chou, Martin, C. Real-time millimeter-wave imaging radiometer for avionic synthetic vision 77175
Lovchinov, V. *see* Nedkov, I. 72212
Love, A.W. GPS, atomic clocks and relativity 65938
Love, D.J. Reliability of utility supply configuration for industrial power systems 68054
Love, D.J. Reliability of utility supply configurations for industrial power systems 89251
Love, G.D., Bhandari, R. Optical properties of a QHQ ferroelectric liquid crystal phase modulator 82734
Love, G.D., Major, J.V., Purvis, A. Liquid-crystal prisms for tip-tilt adaptive optics 72476
Love, J.A. Field performance of compact fluorescent systems 69190
Love, J.D., Steblina, V.V. Highly broadband buried channel couplers 94105
Love, J.D. *see* Ladouceur, F. 94163
Love, J.D. *see* Morey, W.W. 56330
Love, J.D. *see* Vance, R.W.C. 94162
Love, S., Foster, J.C., Jack, M.A. On the effects of individual differences with reference to spoken language dialogue systems 73895
LoVecchio, P. *see* Norton, P.W. 91524
Loveday, D.L. *see* Virk, G.S. 90672
Lovejoy, M.L., Melloch, M.R., Lundstrom, M.S., Keyes, B.R., Ahrenkiel, R.K. Temperature dependence of minority hole mobility in n^+-GaAs measured with a new variable temperature technique 81223
Lovejoy, M.L., Simmons, J.A., Pin Ho, Martin, P.A. Hybrid Shubnikov-de Haas-photoluminescence analysis of two-dimensional electron density in strained quantum well structures with heavily doped contact layers 71709
Lovejoy, M.L. *see* Shul, R.J. 93215
Lovejoy, M.L. *see* Zolper, J.C. 71727
Lovelace, D., Camilleri, N., Kannell, G. Silicon MMIC inductor modeling for high volume, low cost applications 70921
Lovelace, D., Costa, J., Camilleri, N. Extract small-signal models for MOSFETs 62764
Lovelace, D., Costa, J., Camilleri, N. Extracting small-signal model parameters of silicon MOSFET transistors 81933
Lovelace, D. *see* Camilleri, N. 80724
Lovelace, D. *see* Camilleri, N. 81417
Lovelace, D. *see* Camilleri, N. 82052
Lovelace, D. *see* Camilleri, N. 93675
Lovelace, D. *see* Costa, J.C. 80719
Lovelace, D.K. Utility programs simplify RF analysis in SPICE 91701
Lovell, M. *see* Raymond, M. 88242
Lovell, M.J. *see* French, M.J. 59202
Lovely, D. *see* Danisch, L. 76026
Lovergine, F.P., Stella, E., Distante, A. Dynamic integration of depth maps 84584
Lovering, D.J., Phillips, R.T., Grey, R., Crystall, B., Rumbles, G. A novel optical study of the tunnelling rate and ambipolar transport characteristics of excitons in superlattices with a variety of barrier thicknesses 62268
Loverre, P.F. *see* Buontempo, S. 53296
Loverre, P.F. *see* Buontempo, S. 98502
LoVetri, J., Ehrman, J.B. Time-domain electromagnetic plane waves in static and dynamic conducting media. I 73322
LoVetri, J. *see* Krumpholz, M. 73414
Lovitsky, V.A. *see* Pearce, P.D. 48620
Lovstrand, L. *see* Gaver, W. 65275
Low, H.T. *see* Lim, W.L. 98368
Low, K. *see* Kalbfleisch, C. 74864
Low, K. *see* Mathieson, D. 75009
Low, K.K. *see* Lucas, K.D. 71497
Low, K.K. *see* Otto, O.W. 71480
Low, K.K. *see* Wojcik, G. 71494
Low, P. A fully differential, vertically structured and compensated subranging A/D-converter 92315
Low, R. *see* Nebosis, R.S. 66354
Low, S., Varaiya, P. An algorithm for optimal service provisioning using resource pricing 65114
Low, S. *see* Brassil, J. 65395
Low, T.-S. *see* Lee, T.H. 69088
Low, T.S., Ding, Y.P., Lock, K.S. Analysis and control of torque ripples in inverter-fed permanent-magnet synchronous motors using the electromechanical spring-stiffness coefficient $\partial T_e/\partial\theta$ 54003
Low, T.S. *see* Lee, T.H. 50367
Low, T.S. *see* Ma, L.Y.X. 78642
Low, T.S. *see* Shi Xin Chen 83481
Low, T.S. *see* Weerasooriya, S. 78772
Low, W., Ivanov, A. An integrated functional tester for CMOS logic 80311
Low Chien Yong *see* Chien Yong Low
Low Hwee Boon *see* Hwee Boon Low
Low Teck-Seng *see* Teck-Seng Low
Lowans, B.S., Bates, B., Greer, R.G.H. Optical characteristics of an optically addressed spatial light modulator for nonlinear joint transform correlation 63475
Lowans, B.S., Bates, B., Greer, R.G.H. Characterization of an optimized nonlinear joint transform correlator 63984
Lowden, M. *see* Unruh, J. 69185
Lowder, S. Electrical contact accident with a welding machine 78757
Lowe, D.G. *see* Beis, J.S. 84803
Lowe, H., Ford, W. Overview of PCMCIA packaging and card assembly process 90976
Lowe, I.J. *see* Wysong, R.E. 76954
Lowe, J. Development of standard at National and Scottish vocational qualification (NVQ/SVQ) levels IV and V (moving towards a complementary framework of qualifications) 69439
Lowe, J. *see* Abdou, M.S.A. 81675
Lowe, J.P. *see* Drullinger, R.E. 86922
Lowe, J.P. *see* Szekely, C. 75826
Lowe, K.S., Gulak, P.G. A unified discrete gate sizing/cell library optimization method for design and analysis of delay minimized CMOS and BiCMOS circuits 91724
Lowe, P.J. *see* Garner, B.J. 54274
Lowe, R. *see* Wilt, D.M. 54153
Lowe, S. *see* Gillick, L. 84071
Lowe, S. *see* Roth, R. 84111
Lowenberg, R. Telluride InfoZone: a program of the Telluride Institute 85469
Lowenstein, M.Z., Hibbard, J.F. Modeling and application of passive-harmonic trap filters for harmonic reduction and power factor improvement 67996
Lowenthal, A. *see* Wong, K.Y. 89569
Lowery, A.J., Novak, D. Performance comparison of gain-coupled and index-coupled DFB semiconductor lasers 83119
Lowery, A.J., Olesen, H. Dynamics of mode-instabilities in quarter-wave-shifted DFB semiconductor lasers 63813
Lowery, A.J. *see* Lacey, J.P.R. 86439
Lowery, C.M. *see* Cool, C. 97707
Lowery, T.F., Petro, D.W. Application considerations for PWM inverter-fed low-voltage induction motors 60519
Lowes, T.D. *see* Zinke-Allmang, M. 91510
Lowman, A.E. *see* Greivenkamp, J.E. 87273
Lowndes, D.H. *see* DeSilva, M.J. 93252
Lowney, J.R., Postek, M.T., Vladar, A.E. A Monte Carlo model for SEM linewidth metrology 82026
Lowney, J.R., Thurber, W.R., Seiler, D.G. Transverse magnetoresistance: a novel two-terminal method for measuring the carrier density and mobility of a semiconductor layer 58945
Lowrey, P. *see* Liu, K. 69241
Lowry, A. *see* Yi-Min Wang 57987
Lowry, H.S. *see* Elrod, P.D. 66452
Lowry, L. *see* Yen, S.P.S. 82127
Lowry, M. *see* Roeske, F. 67727
Lowry, M. *see* Twelves, C.J. 59262
Lowry, R.K. *see* Conley, J.F., Jr. 81377
Lowry, R.K. *see* Evans, H.L. 62991
Lowson, M.V. A new prediction model for wind turbine noise 89768
Lowther, D.A. *see* Dyck, D.N. 51040
Lowther, D.A. *see* Dyck, D.N. 83436
Lowther, D.A. *see* Ramirez, J.A. 51027
Lowther, D.A. *see* Rong, R.W. 79249
Lowther, D.A. *see* Sassine, R.M. 79250
Lowy, H. *see* Langenkamp, U. 65233
Lowy, M. A low power architecture for digital sequence generation 70422
Lowy, M.G. *see* Sinoyannis, S.F. 51994
Loy, J., Garg, A., Krishnamoorthy, M., McDonald, J. Wiring pitch integrates MCM design domains 48668
Loy, J., Garg, A., Krishnamoorthy, M., McDonald, J. Differential routing of MCMs—CIF: the ideal bifurcation medium 92833
Loy, J. *see* Garg, A. 49463
Loy, J. *see* Garg, A. 92835
Loyer, P., Sole, P. Quantizing and decoding for usual lattices in the L_p-metric 73650
Loza, O.T., Strelkov, P.S., Voronkov, S.N. Causes of microwave generation disruption in vacuum relativistic microwave generators 81143
Lozada-Morales, R. *see* De Melo, O. 79871

Lozanne, A.L.de *see* de Lozanne, A.L.
Lozano, A. *see* Rius, J.M. 73454
Lozano, H. *see* Guarini, M. 87548
Lozano, M., Cane, C., Santander, J., Gracia, I., Lora-Tamayo, E. A moveable shielding box adaptable to commercial automatic wafer probers 55849
Lozano, M. *see* Cane, C. 55614
Lozano, M. *see* Fonseca, L. 81557
Lozano, M. *see* Santander, J. 62310
Lozano-Perez, T. *see* Grimson, W.E.L. 84809
Lozano-Perez, T. *see* Grimson, W.E.L. 91124
Loze, M.K. Modelling the asymmetry of the recorded transition zone in digital magnetic recording 72097
Loze, M.K. Methods for characterizing the replay pulse asymmetry for a digital magnetic recording channel 82272
Loze, M.K., Middleton, B.K. Wavelength, frequency and interface effects in the replay process in digital magnetic recording 50375
Loze, M.K., Saunders, R. A least squares method for fitting head fields by parametric equations 72098
Lozes, A. *see* Diaz, M. 74697
Lozic, T. *see* Hazen, E. 88227
Lozic, T. *see* Hazen, E. 98699
Lozinski, A.H. PLZT pyroelectric radiant energy sensor 66201
Lu, A., Saul, J., Dagless, E. Architecture oriented logic optimization for lookup table based FPGAs 92019
Lu, A., Wu, X., Zhuang, W., Chen, W.-K. New global routing subsystem for CMOS gate arrays 92061
Lu, A. *see* Abe, K. 88115
Lu, A. *see* Antilogus, P. 59064
Lu, A. *see* Antilogus, P. 59127
Lu, A. *see* Runguang Sun 72391
Lu, A.K., Roberts, G.W., Johns, D.A. A high-quality analog oscillator using oversampling D/A conversion techniques 80404
Lu, C., An, M., Qian, Z., Tolimieri, R. A hybrid parallel *M*-D FFT algorithm without interprocessor communication 84269
Lu, C., Eastham, T.R., Dawson, G.E. Transient and dynamic performance of a linear induction motor 68593
Lu, C., Qian, Z., An, M., Tolimieri, R. Efficient multi-dimensional DFT module implementation on the Intel i860 processor 70640
Lu, C. *see* Qian, Z. 95395
Lu, C. *see* Wang, J.-K. 73072
Lu, C.C. *see* Chew, W.C. 51061
Lu, C.G. *see* Bai, J.Z. 53324
Lu, C.N., Leou, R.C., Liu, K.C., Unum, M. A load flow and fuzzy linear programming based external network modeling approach 88992
Lu, C.N., Tsay, M.T., Hwang, Y.J., Lin, Y.C. An artificial neural network based trouble call analysis 78092
Lu, C.N. *see* Huang, H.S. 77853
Lu, C.N. *see* Tsay, M.T. 53740
Lu, C.S., Jhing-Fa Wang, Yih-Lan Song Third-parties applied to traffic direction analysis 95053
Lu, D., Makino, Y., Kuwano, Y. Twin peaks band-pass-filter as protection for islanding of inverter connected to utility line 78197
Lu, D. *see* Al-Assadi, W.K. 55200
Lu, D.F. *see* Alzayed, N.S. 75906
Lu, D.F. *see* Fan, C.-X. 70196
Lu, D.L., Jiang, S.F., Yang, J.F., Guan, C.L., Wang, D.T., Zheng, S.Q., Liu, M.Z. 8.5 cm multipole ion source 53198
Lu, D.L., Yang, J.F., Jiang, S.F. Low energy broad beam multipole ion source 53257
Lu, E., Ni, J., Wu, S.M. An algorithm for the generation of an optimum CMM inspection path 97800
Lu, G., Cannon, M.E., Lachapelle, G., Kielland, P. Attitude determination using dedicated and nondedicated multiantenna GPS sensors 97183
Lu, G., Lachapelle, G., Cannon, M.E., Vogel, B. Performance analysis of a shipborne gyrocompass with a multi-antenna GPS system 65967
Lu, G.N., Chaoui, H., Rigo, S. Increased swing convertor for low-internal-voltage ULSI circuits 70295
Lu, G.Z. *see* Tong, W.B. 74439
Lu, H., Aghazadeh, F. VDT positions: effect on performance and comfort 98205
Lu, H., Blaauw, C., Makino, T., Gallant, M. High temperature operation of 1.3 μm ridge waveguide lasers using lattice matched and strained multiple quantum wells 56763
Lu, H., Blaauw, C., Maritan, C., Chik, K.D. Performance of 1.3 μm ridge waveguide distributed feedback lasers fabricated by one-step metalorganic chemical vapour deposition 94496
Lu, H., Flynn, P.J. Ground state texture patterns for the second-order Ising model 96049
Lu, H.-C., Yeh, K.-S. Further result on 2-D stability test via 1-D stability robustness analysis 84537
Lu, H.B. *see* Liu, B.X. 49920
Lu, H.M. *see* Huang, Z.Z. 54985
Lu, I.D., Lee, P. Use of mixed radix FFT in electric power system studies 77875
Lu, J., Healy, D.M., Jr., Weaver, J.B. Contrast enhancement of medical images using multiscale edge representation 57844
Lu, J. *see* Weaver, J.B. 57843
Lu, J.-Q., Ogawa, K., Takahashi, M., Adachi, T. Stochastic interpolation model scheme and its application to statistical circuit analysis 49125
Lu, J.-Y., Chin, S.-K. Linking Higher Order Logic to a VLSI CAD system 55070
Lu, J.C., Kleinrock, L. An access protocol for high-speed optical LANs 51864
Lu, J.C., Kleinrock, L. A WDMA protocol for multichannel DQDB networks 75001
Lu, J.G. *see* Bai, J.Z. 53324
Lu, J.H. *see* Ku, L.C. 82357
Lu, J.J., Murray, N.V., Rosenthal, E. Signed formulas and annotated logics 49257
Lu, J.J. *see* Mitra, A.K. 68751
Lu, K., Fisher, P.A., House, J.L., Ho, E., Coronado, C.A., Petrich, G.S., Kolodziejski, L.A., Hua, G.-C., Otsuka, N. Gas source molecular beam epitaxy growth of ZnSe on novel buffer layers 54856
Lu, K., House, J.L., Fisher, P.A., Coronado, C.A., Ho, E., Petrich, G.S., Kolodziejski, L.A. (In,Ga)P buffer layers for ZnSe-based visible emitters 61281
Lu, K., Perry, P., Brazil, T.J. A direct, reliable, measurement-based technique for the extraction of an on-chip HBT dummy structure equivalent circuit 50078
Lu, L., Nakhla, M.S., Zhang, Q.-J. A resetting algorithm for transient analysis of coupled transmission line circuits 49117
Lu, L., Pearlman, W.A. Multi-rate video coding using pruned tree-structured vector quantization 85000
Lu, L. *see* Wang, W. 67584
Lu, M., He, Z.Y. Adaptive beamforming for coherent interference suppression 74052
Lu, M. *see* Bousetta, A. 70145
Lu, M. *see* Xu, Y.B. 63186
Lu, M.-W. *see* Allmen, C.R. 54614
Lu, N. *see* Bidermann, W. 71763
Lu, P. *see* Lai, C. 61366
Lu, P. *see* Wang, X. 54982
Lu, P.-C. *see* Kuo, C.-M. 74559
Lu, P.-C. *see* Liu, J.-C. 55154
Lu, P.-F., Warnock, J.D. Trench-proximity effects on collector current in self-aligned NPN and-PNP bipolar transistors 81834
Lu, P.C. *see* Baji, T. 70655
Lu, P.F. *see* Wu, B.S. 61656
Lu, P.H. *see* Dammel, R.R. 81658
Lu, P.W. *see* Wang, H. 50143
Lu, Q. *see* Baumbaugh, B. 59149
Lu, Q. *see* Bramblett, T.R. 79790
Lu, S., Eiho, S. 3-D reconstruction of coronary arteries from 2 plane X-ray angiograms 88446
Lu, S., Swidenbank, E., Hogg, B.W. A hybrid laboratory simulator of a power plant system for control design and test 60085
Lu, S., Zhang, L., Yao, X. Preparation and phase transition of nanophase ferroelectric $PbTiO_3$ fine powders 54981
Lu, S.-L., Ferendeci, A.M. Coupling modes of a ring resonator side coupled to a microstrip line 70862
Lu, S.-T., Chou, C., Wu, Y.-P., King, H.-J. Newton-Raphson method for accuracy enhancement of electro-optical targeting system 53053
Lu, S.C.H., Ramaswamy, D., Kumar, P.R. Efficient scheduling policies to reduce mean and variance of cycle-time in semiconductor manufacturing plants 79273
Lu, S.S., Huang, C.L. Piezoelectric field effect transistor (PEFET) using $In_{0.2}Ga_{0.8}As/Al_{0.35}Ga_{0.65}As/In_{0.2}Ga_{0.8}A$ s/GaAs strained layer structure on (111)B GaAs substrate 56014
Lu, T., Lin, F., Chou, H., Kostrzewski, A., Chen, J. Large-scale neural network model for multiclass pattern recognition 56476
Lu, T.-M. *see* Wu, P.K. 71001
Lu, T.-M. *see* Yang, H.-N. 91537
Lu, T.C. *see* Kuo, J.B. 55899
Lu, T.M. *see* Singh, P.K. 87487
Lu, W., Gu, N., Lu, Z.H., Wei, Y. An investigation of the back-scattering yield of Langmuir-Blodgett resist films in electron beam lithography 81729
Lu, W., Gu, N., Lu, Z.H., Yang, X.M., Wei, Y., Shen, H.Y., Zhang, L. Langmuir-Blodgett resist films for microlithography by exposure to a scanning electron microscope 49929
Lu, W., Liu, P.L., Shen, S.C., von Ortenberg, M. Modification of Drude model on the free carrier property of IV-VI compound semiconductor in magnetic field 62226
Lu, W., Shen, H.Y., Gu, N., Yuan, C.W., Lu, Z.H., Wei, Y. Superiority of Langmuir-Blodgett resist films in electron beam lithography as demonstrated by the backscattering yield 62599
Lu, W.-S. Some new results on stability and stability robustness of Fornasini-Marchesini state-space 2-D digital filters 80485
Lu, W.-S., Cui, Y., Kirlin, R.L. Least *p*th optimization for the design of 1-D filters with arbitrary amplitude and phase responses 80446
Lu, W.-S. *see* Leung, C.M. 85083
Lu, W.-S. *see* Leung, C.M. 85085
Lu, W.-S. *see* Leung, C.M. 95953
Lu, W.-S. *see* Xu, H. 80497
Lu, W.-S. *see* Xu, H. 84572
Lu, W.D. *see* Bai, J.Z. 53324
Lu, X., Bodeep, G.E., Darcie, T.E. Clipping-induced impulse noise and its effect on bit-error performance in AM-VSB/64QAM hybrid lightwave systems 86328
Lu, X., Jackson, G. Observation of a short bunch train longitudinal instability in the Fermilab Main Ring 87705
Lu, X., Xie, Z., Abdou, M.S.A., Deen, M.J., Holdcroft, S. Studies of polymer-based field effect transistors 93383
Lu, X. *see* Kourbanis, I. 87845
Lu, Y. *see* Bo Lu 50582
Lu, Y. *see* Kosinski, J.A. 93851
Lu, Y. *see* Li, F. 84465
Lu, Y. *see* Shen, H. 72441
Lu, Y. *see* Shen, H. 94183
Lu, Y. *see* Wang, J. 94519
Lu, Y. *see* Xia, G. 56762
Lu, Y. *see* Yang, S.-Y. 90448
Lu, Y. *see* Yasuda, A. 77261
Lu, Y.-F. *see* He, X.-F. 56258
Lu, Y.-F. *see* Meagher, G. 50416
Lu, Y.-F. *see* Meagher, G. 88095
Lu, Y.C. *see* Barakat, M. 98712
Lu, Y.C. *see* Hsu, C.C. 70122
Lu, Y.H., Ng, C.S., Zhang, C.B., Yao, T.S. An advanced vernier method for accurate radar ranging 67783
Lu, Y.M. *see* Yang, B.J. 63557
Lu, Y.S. *see* Ahlen, S. 98641
Lu, Y.S. *see* Qian, Z.L. 62404
Lu, Z. *see* Arora, R.K. 57092
Lu, Z. *see* Habermehl, S. 91485
Lu, Z. *see* Yasuda, T. 93177
Lu, Z.-H. *see* Landheer, D. 93434
Lu, Z.-J., Yang, D.-K. Effect of chiral dopant on the performance of polymer dispersed liquid crystal light valve 72480
Lu, Z.A. A model-based approach to reconstruction of source activity and attenuation in emission tomography 67478
Lu, Z.G., Wu, Q., Li, Q.X., Yu, Z.X. Study of the mode-locking process in a laser with an auxiliary cavity 72944
Lu, Z.H. Postman: a bridge to the Unix mail system 65221
Lu, Z.H., Baribeau, J.-M., Lockwood, D.J. Surface segregation during $Si/Ge_n/Si(100)$ interface formation 92991
Lu, Z.H., Graham, M.J. Structure of S on a passivated GaP(100) surface 62470
Lu, Z.H. *see* Anderson, G.W. 71342
Lu, Z.H. *see* Lu, W. 49929
Lu, Z.H. *see* Lu, W. 62599
Lu, Z.H. *see* Lu, W. 81729
Lu, Z.Y. *see* Bai, J.Z. 53324
Lu Ande *see* Ande Lu
Lu Baida Recent advances in high-power solid-state slab lasers 83028
Lu Baida *see* Cai Bangwei 50918
Lu Bo *see* Bo Lu
Lu Boying ADS system implementation study 75688
Lu Boying, Zhu Qiling VHF air-ground data link message processing system 77184
Lu Cai-Cheng *see* Cai-Cheng Lu
Lu Changan *see* Changan Lu
Lu Chao, Siew Chee Kheong, Wilson, B., Ghassemlooy, Z. High speed optical LAN based on SCM-WCM techniques 85850
Lu Chien-Chun *see* Chien-Chun Lu
Lu Chih-Yua *see* Chih-Yua Lu
Lu Chih-Yuan *see* Chih-Yuan Lu
Lu Chin-Tu *see* Chin-Tu Lu
Lu Chung-Yen *see* Chung-Yen Lu
Lu Chunliang *see* Gu Jinwen 53603
Lu Chunyi *see* Wang Xiangwu 79812
Lu Da-Jin *see* Sun Xin 75539
Lu Dajin *see* Liu Qingguang 97381
Lu Dajin *see* Dajin Lu
Lu Dajun *see* Dajun Lu
Lu Deren *see* Deren Lu
Lu Ding *see* Ding Lu
Lu Dong *see* Dong Lu
Lu Erl-Huei *see* Erl-Huei Lu
Lu Fan *see* Chien-Hsun Ho 80609
Lu Fan *see* Chien-Hsun Ho 92600
Lu Fang *see* Fang Lu
Lu Feipeng, Mi Linshu, Jiang Kexun Study on equivalent model with double-end sources for transmission line of power system with variable configurations 77829
Lu Feng *see* Feng Lu
Lu Guojun *see* Guojun Lu
Lu Guowen *see* Guowen Lu
Lu Horng-Shing *see* Horng-Shing Lu
Lu Hsindao *see* Hsindao Lu
Lu Huanzhang *see* Huanzhang Lu
Lu Huaxiang *see* Wang Shoujue 92450
Lu Huizhu *see* Huizhu Lu
Lu I-Tai *see* I-Tai Lu
Lu Jian *see* Jian Lu
Lu Jian-Qin The calculations of low-energy beam transport 53128

Lu Jian-Qin, Quan Sheng-Wen Beam pulsing system for the 4.5 MV electrostatic accelerator 67253
Lu Jian-Yu *see* Jian-Yu Lu
Lu Jianping *see* Jianping Lu
Lu Jin, Lin Zhen Biao, Chan, S.C., Chan, C.K. Wideband ambiguity function of South-China FM bat sonar signals 84578
Lu Jin *see* Jin Lu
Lu Jing Ju *see* Jing Ju Lu
Lu Jun, Yu WenXian, Guo GuiRong Feature extraction for radar ship target recognition using compactly supported wavelets 85068
Lu Jun *see* Yu Wenxian 70804
Lu Junwei *see* Junwei Lu
Lu Jye-Chyi *see* Jye-Chyi Lu
Lu Kanghua *see* Kanghua Lu
Lu Ke *see* Ke Lu
Lu Keqian *see* Keqian Lu
Lu Kui *see* Li Ruitang 98299
Lu Kunsheng *see* Han Shuling 86229
Lu Lin Chen *see* Lin Chen Lu
Lu Liqin *see* Liqin Lu
Lu Liwu, Zhou Jie, Feng Songlin, Qian Zhaoming, Pen Qien Deep level studies of Si/Si interface formed by the Si direct bonding technique 81329
Lu Lu *see* Youngho Lee 74752
Lu Lu *see* Lu Lu
Lu Ming Optimization of spatially smoothing adaptive arrays 73950
Lu Ming-Wei *see* Ming-Wei Lu
Lu Mingzhe, Fang Zhiliang, Liu Fulai, Mu Guoguang, Zhan Yuanling The Monte Carlo learning algorithm in binary model of neural network 50652
Lu Mingzhe *see* Lin Ying 74471
Lu Neng Hsing *see* Neng Hsing Lu
Lu Pei-Xiang *see* Xu Zhi-Zhan 82890
Lu Peng *see* Peng Lu
Lu Ping *see* Liu Dekang 59016
Lu Ping *see* Ping Lu
Lu Ping-Hsing *see* Ping-Hsing Lu
Lu Po-Chiang *see* Po-Chiang Lu
Lu Pu-Ling *see* Pu-Ling Lu
Lu Qiang *see* Li Guojie 75929
Lu Qun *see* Qun Lu
Lu Shih Lin *see* Shih Lin Lu
Lu Shiou-Wen *see* Shiou-Wen Lu
Lu Shu, Kang Hongxia, Xu Penggen, Chang Mei Electromagnetic scattering by complex objects in two-medium half-spaces 94785
Lu Song *see* Song Lu
Lu Songlin *see* Zhang Xiaoming 77501
Lu Sonling *see* Sonling Lu
Lu Sze-Ching *see* Sze-Ching Lu
Lu Weiming *see* Ye Bingkun 52310
Lu Weixing *see* Ni Yixin 53614
Lu Weixing *see* Ni Yixin 68121
Lu Wen-Xiang *see* Huang Qi-Bai 59002
Lu Wengang *see* Wengang Lu
Lu Wu *see* Wu Lu
Lu Xian Ping *see* Xian Ping Lu
Lu Xiao-Gang Study of the improvement on the software of the laser ship model track-meter 58493
Lu Xiaolin *see* Xiaolin Lu
Lu Xingquan *see* Ye Zhou 89050
Lu Xingze *see* Xingze Lu
Lu Xinru *see* Xu Zhengwei 64728
Lu Xiting *see* Liu Xin 76759
Lu Xu-Guang Matrix inhomogeneous eigenvalue analysis 79691
Lu Xuekun *see* Gong Dawei 75995
Lu Ya-lin *see* Ya-lin Lu
Lu Yan *see* Yan Lu
Lu Yanchang Enhanced electric power dispatching department to meet the development of electric power industry of China 68067
Lu Yang *see* Yang Lu
Lu Yi *see* Yi Lu
Lu Yi-Chuan *see* Yi-Chuan Lu
Lu Yicheng *see* Yicheng Lu
Lu Yilong *see* Yilong Lu
Lu Yingyun *see* Qiu Daxiong 69028
Lu Yong-Feng *see* Yong-Feng Lu
Lu Youmei Three Gorges project—a progress report 78501
Lu Zaitong *see* Zaitong Lu
Lu Zhang-Ning *see* Zhang-Ning Lu
Lu Zhen Distributed SCADA system for industrial power dispatch 77995
Lu Zhen *see* Chen Zhenshi 100225
Lu Zhi-guo *see* Zhi-guo Lu
Lu Zhongliang *see* Zhongliang Lu
Lu Zukang *see* Zukang Lu
Lu Zuliang *see* He Caolai 86924
Lu-Rong Guo *see* Guo Lu-Rong
Lu-wei Li *see* Zhong-he Wang 81536
Lu-Xian *see* Yang-Xingwei 77694
Lua, T. *see* Yegenoglu, F. 97189
Luan, G. *see* Lin, Q. 94756
Luan, X. *see* Maniccia, D. 90625
Luan Qingru *see* Qingru Luan
Luan Shyh-Wei *see* Shyh-Wei Luan
Luan Zhaowen *see* Xu Zhiyou 77834
Luan Zhaowen *see* Xu Zhiyou 99538
Lubachevsky, B.D. *see* Eick, S.G. 85226
Lubachevsky, B.D. *see* Greenberg, A.G. 75270
Lubacz, J., Ostrowski, P. ISDN and new services in Poland: opportunities and obstacles 85870
Lubacz, J. *see* Pioro, M. 85581
Lubaszewski, M., Marzouki, M., Touati, M.H. A pragmatic test and diagnosis methodology for partially testable MCMs 48687
Lubaszewski, M. *see* Kolarik, V. 48659
Lubaszewski, M. *see* Mir, S. 92429
Lubatti, H.J. *see* Zhao, T. 59125
Lubbadeh, F. MMDS/Jordanian experience 97552
Lubben, D. *see* Kim, Y.-W. 79788
Lubbers, W.J. *see* Groenewold, G. 92358
Lubbert, E. Costs of renewable energies. Operating experiences and economic aspects of solar and wind power-plants in Germany 78274
Lubell, M.S. *see* Lue, J.W. 82480
Lubello, G. *see* Benvenuto, N. 97012
Lubelsmeyer, K. *see* Bock, R. 59147
Lubelsmeyer, K. *see* Kubicki, T. 67305
Luberacki, R.D. *see* Kaercher, G.C. 89647
Luberti, S., Nobili, A., Rogai, S. Operation of the RIAM radiomobile network of the ENEL 68113
Lubich, C. On the multistep time discretization of linear initial-boundary value problems and their boundary integral equations 54775
Lubinski, M.A. *see* O'Donnell, M. 98771
Lubinski, M.A. *see* Skovoroda, A.R. 59352
Lubinsky, D.S., Moricz, F. The weighted L_p-norms of orthonormal polynomials for Freud weights 54743
Lubinsky, D.S. *see* Levin, A.L. 61141
Lubis, A.Z. *see* Sopian, K. 100784
Lubitz, K., Wolff, A., Preu, G. Microstructuring technology 99341
Lubitz, K., Wolff, A., Preu, G., Stoll, R., Schulmeyer, B. New piezoelectric composites for ultrasonic transducers 67928
Lubke, K. *see* Schikora, D. 61282
Lubkeman, D.L. *see* Ghosh, A.K. 89239
Lubkeman, D.L. *see* Ghosh, A.K. 89252
Lubking, G.W. *see* Kovacs, G. 66508
Lubking, G.W. *see* Vellekoop, M.J. 63117
Lubking, G.W. *see* Vellekoop, M.J. 87154
Lublinsky, B., Firebaugh, J., Smolucha, J. New Tevatron cryogenic control system 76353
Lublinsky, B. *see* Herrup, D.A. 76562
Lubnow, A., Guang-Ping Tang, Wehmann, H.-H., Peiner, E., Schlachetzki, A. Effect of III/V-compound epitaxy on Si metal-oxide-semiconductor circuits 69986
Lubrano, F. *see* Oelhoffen, F. 73271
Lubrano, P. *see* Beier, T. 53305
Lubrano, P. *see* Fanti, V. 76788
Lubsandorzhiev, B.K. *see* Belolaptikov, I.A. 59156
Lubsanov, R.B. *see* Kramor, S.S. 93090
Luby, S. *see* Luches, A. 62502
Lubyshev, D.I., Rossi, J.C., Gusev, G., Basmaji, P. Wire crystals of GaAs and InAs grown by molecular beam epitaxy on porous silicon 48918
Lubyshev, D.I. *see* Gusev, G.M. 62299
Luc, C.Lechanoine-Le *see* Lechanoine-Le Luc, C.
Lucadou, I.von *see* von Lucadou, I.
Lucantoni, D.M., Choudhury, G.L., Whitt, W. Computing transient distributions in general single-server queues 85284
Lucantoni, D.M., Neuts, M.F., Reibman, A.R. Methods for performance evaluation of VBR video traffic models 75084
Lucantoni, D.M. *see* Leung, K.K. 74903
Lucantonio, M. *see* Ferrero, F. 85699
Lucanu, M. *see* Cretu, E. 100193
Lucanu, M. *see* Pastravanu, A. 90143
Lucari, F. *see* D'Orazio, F. 63190
Lucas, A.D. *see* Allport, P.P. 88021
Lucas, A.D. *see* Kaplan, D. 59067
Lucas, C., Amingual, D., Chatard, J.P. Recent developments in low temperature infrared detectors 66362
Lucas, C. *see* Meny, C. 75969
Lucas, D., Headrick, J. History and development of IONCAP and RADARC 73339
Lucas, D., Pinson, G., Pilon, R. Some results of RADARC-2 equatorial spread Doppler clutter predictions 65902
Lucas, D. *see* Byrne, E. 49091
Lucas, D. *see* McEnally, C.S. 77568
Lucas, J. *see* Bicknell, A. 97944
Lucas, J. *see* Jaekyong Cho 82748
Lucas, J.A. *see* Desourdis, R.I., Jr. 75386
Lucas, K., Strojwas, A.J. A new vector 2D photolithography simulation tool 62617
Lucas, K.D., Strojwas, A.J., Low, K.K. Evaluation of new attenuating phase shifting mask techniques 71497
Lucas, L. *see* Greiner, A. 49477
Lucatorto, T.B. *see* Tarrio, C. 67402
Lucazeau, G. *see* Fayette, L. 70086
Lucazeau, G. *see* Fontaine, F. 70120
Lucchini, F. *see* Crovato, G. 53948
Lucci, S. *see* Basu, D. 74239
Luccio, A. Measurement of the spin of a particle using undulator radiation 76456
Luccio, A. A tool for model based diagnostics of the AGS Booster 98401
Luccio, A., Auerbach, E.H. Ring diagnostics and consistency test of the model for the AGS Booster 76577
Luccio, A., Conte, M. Wiggler as spin rotators for RHIC 66970
Luce, S. *see* Koburger, C. 70397
Lucek, E.A. *see* Moore, V. 66008
Lucek, J.K. *see* Manning, R.J. 56776
Lucek, J.K. *see* Manning, R.J. 72903
Lucek, J.K. *see* Obro, M. 72789
Lucero, B. *see* Talasek, T. 62375
Lucertini, M. *see* Korner, J. 74165
Lucey, G. *see* Hwang, J.S. 54976
Lucey, M. Ultraviolet curable coatings for multichip modules on printed circuit boards 79375
Lucey, M. Ceramic capacitor resistance to high humidity environments 80911
Lucey, M.F. UV curable coatings for electronic components 80902
Lucey, M.F. UV curable coatings for electronic components 80916
Lucey, M.F. UV light curable conformal coatings 80923
Luches, A., D'Anna, E., Leggieri, G., Luby, S., Majkova, E., Majni, G., Mengucci, P. Iron silicide formation by excimer laser pulses 62502
Luches, A. *see* Mihailescu, I.N. 93189
Luchini, K. *see* Jackson, L.T. 68744
Luchinin, V.V. *see* Karasev, V.A. 55492
Luchkin, V.G. *see* Voronov, V.N. 99843
Lucia, M.De *see* De Lucia, M.
Luciani, J.V., Chen, C.Y.R. An analytical model for ATM based networks which utilize look-ahead contention resolution switching 64972
Lucic, R. National Science Foundation Engineering Research Centers: a new model for cooperative research 54411
Lucidarme, J. *see* Ahmed, A.B. 89880
Lucidi, F., Trigila, S., Di Blasi, R. Protocol test specification in SDL 96213
Lucidi, F. *see* Bruno, G. 96452
Lucinski, T., Gontarz, R. A new method of producing $Co_{100-x}Pt/Co_{100-y}Pt_y$ superstructures by cosputtering 70147
Luck, C.F. *see* Bates, J.B. 60408
Luck, R., Ray, A. Fixed memory filter for real-time estimation of noise-corrupted signals 57608
Luck, R., Ray, A. Experimental verification of a delay compensation algorithm for integrated communication and control systems 75114
Lucke, L.E., Parhi, K.K. Parallel processing architectures for rank order and stack filters 61805
Lucke, L.E., Parhi, K.K. Block processing for rank order filtering using the rank order state machine architecture 70745
Lucke, L.E. *see* Adams, G.B., III 80443
Lucke, L.E. *see* Ito, K. 92412
Luckenbach, T. Internetworking in the BERKOM broadband-ISDN pilot project 58232
Luckenbach, T. Performance experiments within local ATM networks 85703
Luckey, D. *see* Ahlen, S. 98641
Luckey, D. *see* Chen, M. 67349
Luckhurst, R.G. *see* Prestage, N.P. 86640
Lucklum, R. *see* Henning, B. 67926
Luckow, F., Voss, E., Zeyn, J., Lahmann, W., Weitkamp, C., Michaelis, W. Raman-shifted KrF laser radiation with low amplified spontaneous emission for a rotational Raman daytime-temperature lidar 73188
Lucky, R.W. Reflections: The disappearing space crunch 48628
Lucovsky, G., He, S.S., Williams, M.J., Stephens, D. Integrated processing of amorphous and microcrystalline Si thin film transistors by plasma-assisted chemical-vapor deposition 93431
Lucovsky, G. *see* Habermehl, S. 91485
Lucovsky, G. *see* Ma, Y. 49988
Lucovsky, G. *see* Misra, V. 93217
Lucovsky, G. *see* Misra, V. 93430
Lucovsky, G. *see* Yasuda, T. 93177
Lucyszyn, S., Robertson, I.D. High performance MMIC narrow band filter using tunable active inductors 80789
Lucyszyn, S., Robertson, I.D., Aghvami, A.H. Novel applications in microwave communication systems for small-shift frequency translators 52325
Lucyszyn, S., Robertson, I.D., Aghvami, H. 24 GHz serrodyne frequency translator using a 360° analog CPW MMIC phase shifter 49667
Lucyszyn, S., Stewart, C., Robertson, I.D., Aghvami, A.H. Measurement techniques for monolithic microwave integrated circuits 49664
Lude, P.J. Multichannel baseband video system design for the DIRECTV DBS broadcast centre 97542
Ludecke, H. *see* Bahr, J. 88245
Ludeke, H.-P., Maas, J., Frohleke, N., Grotstollen, H. Controller design for resonant converters by automatable techniques 68728
Ludeking, L.D. *see* Nguyen, K.T. 62060
Ludeman, L.C. *see* Tehrani, R. 95627
Luderer, G.W.R., Bhandari, N. A research testbed for switching software studies 86006
Luderer, G.W.R. *see* Boinepelli, H.K. 96142
Ludewigt, B., Jaklevic, J., Kipnis, I., Rossington, C., Spieler, H. A high rate, low noise, X-ray silicon strip detector system 88063
Ludewigt, B., Jaklevic, J., Kipnis, I., Rossington, C., Spieler, H. A high rate, low noise, X-ray silicon strip detector system 98621

Ludewigt, B.A. *see* Staples, J.W. 77052
Ludicke, F. *see* De Bievre, P. 86980
Ludington, M.A. *see* Dewaraja, Y.K. 88117
Ludington, M.A. *see* Dewaraja, Y.K. 98588
Ludke, J. *see* Sievert, J. 53021
Ludman, J.E., Reinhand, N.O., Semenova, I.V. Holographic solar concentrators for space 83375
Ludman, J.E. *see* Caulfield, H.J. 74372
Ludmirsky, E.A. *see* Asseev, A.A. 66932
Ludowise, M. *see* Yang, L. 55693
Ludtke, U. *see* Jurgens, R. 90693
Ludvigsen, H., Bodtker B, E. New method for self-homodyne laser linewidth measurements with a short delay fiber 83229
Ludvik, S. *see* Apel, T. 86222
Ludwar, G. *see* Faltin, C. 53079
Ludwig, A. An image processing language for digital radiography systems 76946
Ludwig, C., Leonhardt, S., Ayoubi, M., Isermann, R. Measurement and monitoring of pressure curves in diesel engines 58997
Ludwig, C., Strohmaier, R., Petersen, J., Gompf, B., Eisenmenger, W. Epitaxy and scanning tunneling microscopy image contrast of copper-phthalocyanine on graphite and MoS_2 69938
Ludwig, F., Dantsker, E., Nemeth, D.T., Koelle, D., Miklich, A.H., Clarke, J., Knappe, S., Koch, H., Thomson, R. Fabrication issues in optimising $YBa_2Cu_3O_{7-x}$ flux transformers for low 1/f noise 56252
Ludwig, F. *see* Miklich, A.H. 63312
Ludwig, F. *see* Wellstood, F.C. 97906
Ludwig, G. *see* Fay, B. 67534
Ludwig, J.-P. *see* Jufer, M. 89881
Ludwig, M. *see* Bangert, A. 87204
Ludwig, M. *see* Rashid, E. 92286
Ludwig, P. *see* Melin, G. 53148
Ludwig, P. *see* Melin, G. 76747
Ludwig, R. *see* Pieper, W. 58380
Ludwig, T., Volk, K., Barth, W., Klein, H. Quantization error of slit-grid emittance measurement devices 53131
Ludwig, T. *see* Kipper, A. 76527
Ludziejewski, T. *see* Moszynki, M. 67304
Lue, J.W. Review of stability experiments on cable-in-conduit conductors 93901
Lue, J.W., Lubell, M.S., Luton, J.N., Frame, B.J., Paulaskas, F.L., Blake, H.W. Development of light weight, high current density, superconducting magnets 82480
Lue, J.W., Luton, J.N., Schwenterly, S.W., Wilson, C.T. Test results of superconducting AC magnets for magnetic refrigeration experiment 82479
Lue, J.W. *see* Takahata, K. 82416
Lue Shanwei, Zhuang Yan, Li Sichao The slotted-waveguide antenna of a sectorial cross section 95033
Luebbers, R., Penney, C. Scattering from apertures in infinite ground planes using FDTD 73285
Luebbers, R.J. *see* Penney, C.W. 94950
Lueck, C.D. *see* Ramabadran, T.V. 51415
Lueckel, W.J. *see* Whitaker, F.L. 78523
Lueder, E. *see* Benzel, H.W. 97926
Luefeng Liao, Chiping Sun A novel position sensorless control scheme for doubly fed reluctance motor drives 90531
Luehrmann, P., Wittekoek, S., Hansen, S. Practical 0.35 μm i-line lithography 71490
Luenen, W.T.C.Van *see* Van Luenen, W.T.C.
Luettgen, M., Willsky, A.S. Likelihood calculation for a class of multiscale stochastic models 79560
Luettgen, M.R., Karl, W.C., Willsky, A.S., Tenney, R.R. Multiscale representations of Markov random fields 84950
Luettgen, M.R. *see* Allen, T.G. 57836
Luettgen, M.R. *see* Allen, T.G. 74455
Luft, L.A. *see* Spalding, J.W. 65952
Luft, W. NREL/industry interaction: amorphous silicon alloy research team formation 90405
Luft, W., Branz, H.M., Dalal, V.L., Hegedus, S.S., Schiff, E.A. Recent progress in amorphous silicon PV technology 90404
Luft, W., von Roedern, B., Stafford, B., Mrig, L. Second controlled light-soaking experiment for amorphous silicon modules 100534
Luft, W. *see* Peterson, T.M. 100548
Luftig, M.D. Structure of the electric utility industry 77974
Luftman, H. *see* Liu, C.T. 93616
Luftman, H.S. *see* Gossmann, H.-J. 81422
Luftman, H.S. *see* Grober, L.H. 54838
Luftman, H.S. *see* Hong, M. 81480
Luftman, H.S. *see* Manchanda, L. 93617
Luftman, H.S. *see* Park, B.G. 62227
Luftman, H.S. *see* Schubert, E.F. 49851
Lughadha, S.Mac *see* Mac Lughadha, S.
Lugiato, L.A. *see* Castelli, F. 56857
Lugiato, L.A. *see* Oppo, G.-L. 63941
Lugiato, L.A. *see* Oppo, G.L. 94626
Lugiato, L.A. *see* Prati, F. 94558
Luginsland, J.W. *see* Lau, Y.Y. 87701
Lugli, P. *see* Bordone, P. 62285
Lugli, P. *see* Ostermeir, R. 63603
Lugli, P. *see* Sabella, R. 82719
Lugli, P. *see* Zandler, G. 63592
Lugo, E. *see* Marple, L. 98872
Lugo, J.P., Shubik, J. Comprehensive harmonic reduction technique analysis for electrical system design 59706
Lugosi, G., Pawlak, M. On the posterior-probability estimate of the error rate of nonparametric classification rules 74563
Lugosi, G. *see* Linder, T. 64305
Lugovtsov, V.M. The method of spline collocation for numerical analysis of nonstationary electromagnetic radiation and scattering by thin-wire structures 83626
Lugscheider, E., Schlump, W., Deuerler, F., Remer, P. Extensive diamond film deposition by d.c. plasma jet chemical vapor deposition 70081
Lugt, H.J.van der *see* van der Lugt, H.J.
Luh, P.B. *see* Lan Zhang 53636
Luh, P.B. *see* Lan Zhang 77955
Luh, P.B. *see* Xiaohong Guan 77850
Luhmann, N., Jr. *see* DeHope, W. 62122
Luhmann, N., Jr. *see* DeHope, W. 92901
Luhmann, N.C., Jr. *see* Hartemann, F.V. 64100
Luhmann, N.C., Jr. *see* Leou, K.C. 92902
Luhmann, N.C., Jr. *see* Sjogren, L.B. 55425
Luhmann, N.C., Jr. *see* Wang, Q.S. 62123
Luhrs, F. New ceramic chip capacitors from ROHM use dry-film process to improve reliability, increase capacitance 80921
Lui, C.Y., Hiley, J. Computational study of very fast transients in GIS with special reference is effects of trapped charge and risetime on overvoltage amplitude 100408
Lui, H.C. *see* Guo, J. 84025
Lui, J. *see* Alien, S.T. 92544
Lui, M. *see* Allen, S.J. 71163
Lui, M. *see* Brown, J.J. 55409
Lui, M. *see* Hafizi, M. 55926
Lui, M. *see* Hafizi, M. 62695
Lui, M. *see* Hafizi, M. 92618
Lui, M. *see* Jelloian, L.M. 62861
Lui, M. *see* Matloubian, M. 61935
Lui, M. *see* Matloubian, M. 93504
Lui, M. *see* Pospieszalski, M.W. 80693
Lui, M. *see* Scott, J.S. 62673
Lui, M. *see* Shealy, J.B. 62906
Lui, W., Doraiswami, R. Robust signal ARMA model estimation using pre-filtering and data sectioning 84517
Lui, W. *see* Seki, S. 63779
Lui, W.W., Yamanaka, T., Yoshikuni, U., Seki, S., Yokoyama, K. A suppression mechanism of Auger recombination effects in strained quantum wells induced by local negative curvature of the energy band structure 63773
Lui, W.W. *see* Yamanaka, T. 81275
Lui Ho Chung *see* Ho Chung Lui
Lui Jianxin *see* Cui Xiang 90063
Lui Yongtan *see* Yong Rin 59638
Luidl, C. *see* Metzger, T.H. 98717
Luijckx, G. *see* Maas, R. 87627
Luijendijk, I.H.T. *see* De Bruin, N.C. 67589
Luine, J. *see* Yokoyama, K. 97218
Luis, J.C.M. *see* Garcia, G.O. 90528
Luis Moran, T. *see* Dixon, L.W. 89090
Luise, M., Roncella, R. VLSI implementation of a signal interpolator chip for high-speed all-digital data modems 75132
Luise, M. *see* Gini, F. 65855
Luiten, A.N., Mann, A.G., Blair, D.G. Power stabilised exceptionally high stability cryogenic sapphire resonator oscillator 80669
Lujan, A.S., Chueiri, I., Swart, J.W., Prince, F.C., Tessari, P.H. SPICE DC parameter extraction of MESFETs with diffused and grown channel 56011
Lujan, A.S. *see* Swart, J.W. 80157
Lujan, R., Christensen, K. Application of precision mechanical engineering techniques to the design of a moderate energy beam transport for the FAA explosive detection system 76715
Lujan, R. *see* Hadimioglu, B. 99311
Lujan, R. *see* Mei, P. 81912
Lujing Cai, Hong Wang Further results on adaptive filtering with embedded CFAR 97378
Lujing Cai *see* Hong Wang 77133
Lujun Chen *see* Chen Lujun
Luk, A. *see* Lam, A.T.W. 95915
Luk, K.M. *see* Leung, K.W. 83839
Luk, K.M. *see* Leung, K.W. 94996
Luk, K.M. *see* Leung, K.W. 95001
Luk, K.M. *see* Shum, S.M. 94954
Luk, K.M. *see* Tam, W.Y. 57250
Luk, K.M. *see* Tam, W.Y. 83843
Luk, K.M. *see* Tong, K.F. 94998
Luk, P.C.K. On applying parallel processing to a versatile induction motor drive system 90517
Luk, P.C.K. *see* Lee, C.K. 60241
Luk, R.W.P., Damper, R.I. Inference of letter-phoneme correspondences with pre-defined consonant and vowel patterns 73881
Luk, T., Hosseini, M. Characterization of electrical packages via simulation and measurement 54546
Luk, W., Wu, T. Towards a declarative framework for hardware-software codesign 80267
Luk Chan Kap *see* Chan Kap Luk
Luk Kwai Man *see* Kwai Man Luk
Lukach, V. *see* Norton, P.W. 91524
Lukacs, P. *see* Kirschner, I. 56280
Lukash, D.G., Filippov, V.N., Drozdov, S.V. Improved technique for measuring the polarization beat length of an anisotropic single-mode fiber 50457
Lukash, D.G., Filippov, V.N., Nikolaev, V.M. Calculation of the modulation bandwidth for an optical-fiber microwave modulator 56352
Lukash, D.G., Filippov, V.N., Nikolaev, V.M. The fiber-optic Solc filter 72342
Lukashkin, V.M. *see* Zhulina, E.M. 64140
Lukaszek, T. *see* McGowan, R. 98129
Lukaszek, W., Dixon, W., Vella, M., Messick, C., Reno, S., Shideler, J. Characterization of wafer charging mechanisms and oxide survival prediction methodology 62366
Lukaszewicz, J. *see* Maciszewski, W. 87638
Luke, E. Fuse rupture in medium-voltage networks with short-circuits to earth 68696
Luke, H.D. *see* Antweiler, M. 57476
Luke, P.N., Pehl, R.H., Dilmanian, F.A. A 140-element Ge detector fabricated with amorphous Ge blocking contacts 88057
Luke, P.N., Pehl, R.H., Dilmanian, F.A. A 140-element Ge detector fabricated with amorphous Ge blocking contacts 98869
Luke, P.N., Rossington, C.S., Wesela, M.F. Low energy x-ray response of Ge detectors with amorphous Ge entrance contacts 88123
Luke, P.N. *see* Derhacobian, N. 81188
Luke, P.N. *see* Derhacobian, N. 92932
Luke, P.N. *see* Derhacobian, N. 94250
Luke, S.P. *see* Hoyle, B.S. 66759
Luke, S.R., Sutariya, R.M. Time meter estimation technique for naval equipment 54586
Luken, W. *see* Narayanaswami, C. 54740
Lukens, J.E. *see* Lapointe, J. 63292
Luker, L.D., Van Buren, A.L., Rogers, P.H. A water-filled cylindrical wave-number calibration array 77742
Lukin, A.N., Moiseyev, S.N. Statistical models of the frequency parameters of the sporadic E layer 94818
Lukin, A.V. Four-grating holographic interferometer 83373
Lukin, A.V. *see* Larionov, N.P. 83372
Lukin, S.V. *see* Sidulov, M.V. 89662
Lukin, V.V., Miao Zhenjiang, Yuan Baozong Multifrequency remote sensing radar images processing and analysis 77293
Lukishova, S.G., Ermakov, A.A., Ilichev, N.N. Graded reflectivity mirrors with high reflectivity for 1.06 μm lasers 72979
Lukosz, W. *see* Clerc, D. 66510
Lukosz, W. *see* Pliska, P. 56465
Lukosz, W. *see* Stamm, C. 59265
Lukova, O. *see* Gorelov, G. 58215
Lukovich, V.V. *see* Kussul, E.M. 83973
Lukowski, T.I., St-Jean, R., Hawkins, R.K., Draper, K.J., Hamm, P.L., Teany, L.D. ERS-1 SAR calibration studies: preparation for RADARSAT 77244
Luksch, P. A portable and extendible testbed for distributed logic simulation 92014
Lukutin, B.V., Bespalov, S.S. Transients at microhydroelectric stations operating in parallel 68482
Luk'yanetz, E.A. New laser dyes 94369
Luk'yanov, A.E. *see* Katz, E.A. 62147
Lukyanov, S. *see* Tretyakova, S. 88168
Lukyanov, S.M. *see* Fomichev, A.S. 53328
Luk'yanov, S.V. *see* Kamuz, A.M. 72951
Lula, J.J., Miethig, M., Litwiller, D.J., Doody, B.C., Washkurak, W.D., Chamberlain, S.G. A 23,000 frame per second 256×128 camera with digital control 76087
Lulevich, V.I. *see* Skachkov, V.S. 76684
Lullo, G., McKee, A., McLean, C.J., Bryce, A.C., Button, C., Marsh, J.H. Fabrication of electroabsorption optical modulators using laser disordered GaInAs/GaInAsP multiquantum well structures 82723
Lum, G. *see* Tu, R. 63016
Lum, G.K. *see* Meshel, D.C. 75446
Lum, K.S.K., Manandhar, R.P., Eikenberry, S.S., Krockenberger, M., Grindlay, J.E. Initial performance of the EXITE2 imaging phoswich detector/telescope for hard X-ray astronomy 88320
Lum, L. *see* Lum, N. 58851
Lum, M. Testing SDH interfaces for compliance with CCITT Rec. G.957 65859
Lum, N., Asbrock, J., White, R., Kelchner, R., Lum, L., Pham, L., McCreight, C., McKelvey, M., McMurray, R., Jr., Forrest, W., Garnett, J. Low-noise, low-temperature, 256×256 Si:As IBC staring FPA 58851
Lum, P.S., Reinkensmeyer, D.J., Lehman, S.L. Robotic assist devices for bimanual physical therapy: preliminary experiments 53478
Lum, S., Nakhla, M., Qi-Jun Zhang Sensitivity analysis of lossy coupled transmission lines with nonlinear terminations 57161
Lum, T.K.H. An integrated computer database for environmental qualification information [on electric utilities] 89071
Lum, T.K.H. Establishing MOV setpoints for NRC Generic Letter 89-10 compliance 89452
Lumb, C. *see* Parraud, R. 53779
Lumb, N. *see* Duerdoth, I. 88012
Lumb, N. *see* McMahon, T. 88003

Lumb, N. *see* McMahon, T. 88013
Lumholt, O. *see* Wang, Y.H. 94921
Lumia, R. *see* Fiala, J.C. 57695
Lumini, F., Lacava, J.C.S. Radiation properties of chirostrip antennas 83857
Lummer, B. *see* Hoffmann, A. 71303
Lummer, B. *see* Krause, E. 61376
Lumpkin, A. *see* Chung, Y. 76488
Lumpkin, A.H. RF-synchronized imaging for particle and photon beam characterizations 76554
Lumpkin, A.H., Borland, M., Milton, S. Proposed particle-beam characterizations for the APS undulator test line 53111
Lumpkin, A.H., Ciarlette, D., Kahana, E., Patterson, D., Sellyey, W., Wang, X. Diagnostics for the APS undulator test line 98460
Lumpkin, A.N., Chung, Y., Kahana, E., Patterson, D., Sellyey, W., Votaw, K., Wang, X. Results of prototype particle-beam diagnostics tests for the Advanced Photon Source (APS) 76436
Lun, S.-M. *see* Xiao, N. 65186
Lun, S.-M. *see* Xiao, N. 74873
Lun Dai *see* Bei Zhang 72887
Lun Mao *see* Ya-lin Lu 73059
Lun-Jun Hsu *see* Ying-Yu Tzou 80131
Lunadei, G. *see* Bagnaia, P. 53349
Lunardi, L., Chandrasekhar, S., Swartz, R.G., Hamm, R.A., Qua, G.J. A high speed burst mode optoelectronic integrated circuit photoreceiver using InP/InGaAs HBT's 86322
Lunardi, L.M. *see* Chandrasekhar, S. 58424
Lunardi, L.M. *see* Chandrasekhar, S. 97292
Lunardi, L.M. *see* Kirtania, A.K. 55927
Luncun Wei *see* Wei Luncun
Lund, B. *see* Burt, D. 58072
Lund, E., Pernicka, F., Carlsson, C.A. Experimental determination of the angular dependence factor for the dose equivalent for photons in calibration phantoms of PMMA 88594
Lund, J. *see* Loucks, T. 64837
Lund, J.C., Olschner, F. Junction field effect transistors as radiation detectors 88267
Lund, J.C. *see* Olschner, F. 59199
Lund, J.C. *see* Zhang, J.G. 88407
Lund, J.C. *see* Zhang, J.G. 98561
Lund, J.L. *see* Hetke, J.F. 67422
Lund, P.C., Shindo, Y., Nakashiki, N., Ohsumi, T. A simulation model and a thermodynamic database for the system sea water/liquid CO_2 at large depths 88835
Lund, P.D. *see* Peippo, K. 100019
Lund-Jensen, B. *see* Gingrich, D. 53291
Lundahl, S.L. *see* Kozodoy, R.L. 94091
Lundberg, D., Edholm, M., Burwall, H., Start, K. Management systems in a new role. Exchanging services between private and public networks 65192
Lundberg, J., Nuckolls, E. A 15-150 MHz, all-digital phase-locked loop with 50-cycle lock time for high-performance low-power microprocessors 70711
Lundberg, N. *see* Hult, M. 49817
Lundblad, A., Bjornbom, P. Wetting-in studies on alkaline-fuel-cell cathodes using a potentiostatic-galvanostatic experimental design 68991
Lundborg, B., Lindstrom, R., Vastberg, A. The $Sech^2$-model in new applications 94828
Lunden, O.-P., Sipila, M., Jenu, M. A 60-GHz LNA using commercially available PM HEMTs for intersatellite and mobile communications 80797
Lunden, O.P. Ku-band active dipole antenna 83849
Lunderstaedt, R.A., Hillemann, T. Knowledge based sensor fault detection for gas turbines under consideration of model based methods 52764
Lundgaard, L. *see* Lillevik, O. 89838
Lundgaard, L. *see* Linhjell, D. 63091
Lundgaard, L.E. *see* Aurud, T. 90317
Lundgren, A., Tiberg, H., Kvarnsjo, L., Bergqvist, A., Engdahl, G. A magnetostrictive electric generator 50388
Lundgren, J., Franzen, B., Storakers, J. Design for environment can be profitable—a case study of the paper feeder in the IBM printer 4234 90896
Lundgren, L. *see* Fobelets, K. 55866
Lundgren, L. *see* Kiss, L.B. 56235
Lundgren, T.D. User system security 58103
Lundin, M. *see* Anzivino, G. 67353
Lundmark, A. *see* Haibo Li 84770
Lundquist, F.E. *see* Keen, T.G. 89614
Lundquist, P.M., Lin, W.P., Xu, Z.Y., Wong, G.K., Rippert, E.D., Helfrich, J.A., Ketterson, J.B. Ultraviolet second harmonic generation in radio-frequency sputter-deposited aluminum nitride thin films 73102
Lundquist, P.M., Yitzchaik, S., Tongguang Zhang, Kanis, D.R., Ratner, M.A., Marks, T.J., Wong, G.K. Dispersion of second-order optical nonlinearity in chromophoric self-assembled films by optical parametric amplification: experiment and theory 50928
Lundquist, P.M. *see* Zhang, T.G. 94659
Lundquist, T.G. *see* Atmuri, S.R. 89258
Lundqvist, A.G. On the construction of cyclically permutable codes using cyclic codes over prime fields 64304
Lundstrom, A. Provision of mobility for DECT by interworking with GSM 52363
Lundstrom, I. *see* Arbab, A. 66555
Lundstrom, I. *see* Assadi, A. 66576
Lundstrom, I. *see* Jansson, R. 94051
Lundstrom, M.S. *see* Alam, M.A. 55853
Lundstrom, M.S. *see* Alam, M.A. 62722
Lundstrom, M.S. *see* Lovejoy, M.L. 81223
Lundstrom, M.S. *see* Lush, G.B. 100735
Lundstrom, M.S. *see* Patkar, M.P. 90445
Lundstrom, M.S. *see* Stettler, M.A. 49953
Lundstrom, M.S. *see* Stettler, M.A. 62698
Lundstrom, M.S. *see* Tanaka, S. 93341
Luneau, P., Delisle, G.Y. Millimeter wave target identification system using a backpropagation neural network 86594
Luneburg, E. *see* Boerner, W.-M. 77211
Luneburg, E. *see* Boerner, W.-M. 77704
Lunenborg, M. *see* Verweij, J. 91145
Lunenborg, M.M. *see* Verweij, J.F. 82034
Lunev, A.V. *see* Konstantinova, N.N. 55615
Lung Chang Ching *see* Ching Lung Chang
Lung Chen Yu *see* Yu Lung Chen
Lung Lang Mong *see* Mong Lung Lang
Lung-Sing Liang *see* Zsehong Tsai 58084
Lung-Tien Liu, Minshine Shih, Chung-Kuan Cheng Data flow partitioning for clock period and latency minimization 91716
Lung-Tien Liu *see* Nan-Chi Chou 92108
Lungu, S. *see* Vlaicu, A. 74290
Lungu, S. *see* Vlaicu, A. 76910
Luning, S., Rousseau, P.M., Griffin, P.B., Carey, P.G., Plummer, J.D. Kinetics of high concentration arsenic deactivation at moderate to low temperatures 62152
Lunji Qiu, Soo-Ngee Koh, Haiyun Yang Pitch determination of noisy speech using wavelet transform in time and frequency domains 84176
Lunkwitz, K. *see* Gerhard-Multhaupt, R. 63950
Lunn, A.S., Scott, A.C., Shepherd, W.D., Yeadon, N.J. A mini-cell architecture for networked multimedia workstations 58202
Lunn, B. *see* Dhese, K.A. 71285
Lunn, B. *see* Hagston, W.E. 55600
Lunn, C., Yates, J. Total dose radiation effects on DRAM performance 70458
Lunnen, R.J. *see* Breakall, J.K. 51224
Lunney, J.G. *see* Tyrrell, G.C. 91585
Lunon, X. *see* Le Gall, Y. 77552
Lunsford, A. *see* Vermillion, C. 77644
Lunsford, J.L. *see* Chitre, D.M. 86246
Lunskis, C., Jr. *see* Dayanand, S. 74466
Lunze, U. *see* Dietzsch, M. 79461
Luo, C.P. *see* Chen, S.D. 61302
Luo, C.P. *see* Huang, D. 72106
Luo, D. *see* Mardirossian, G. 59378
Luo, D. *see* Sethi, S. 81699
Luo, F. *see* Cao, M. 75517
Luo, F.-L., Li, Y.-D. Real-time neural computation of the noise subspace for the MUSIC algorithm 74110
Luo, H., Samarth, N., Short, S.W., Xin, S.H., Furdyna, J.K., Ahrenkiel, P., Bode, M.H., Al-Jassim, M.M. First indications of spontaneous ordering in $ZnSe_{0.50}Te_{0.50}$ alloy 54854
Luo, H. *see* Karczewski, G. 61279
Luo, H. *see* Short, S.W. 54855
Luo, H.Y., Denbigh, P.N. A speech separation system that is robust to reverberation 95310
Luo, H.Y. *see* Denbigh, P.N. 64352
Luo, J., Olthuis, W., Bergveld, P., Bos, M., van der Linden, W.E. Determination of buffer capacity by means of an ISFET-based coulometric sensor-actuator system with a gate-covering porous actuator 66261
Luo, J. *see* Chen, C.W. 88455
Luo, J. *see* Fenner, D.B. 66347
Luo, J.K., Thomas, H. Admittance spectroscopy of electron irradiated p-type indium phosphide 100736
Luo, J.K., Thomas, H., Clark, S.A., Williams, R.H. The effect of thermal treatment on the electrical properties of MBE-AlInAs 55571
Luo, J.K. *see* Pearsall, N.M. 100750
Luo, J.S. *see* Merchant, N. 63275
Luo, J.S. *see* Merchant, N. 72215
Luo, J.W. *see* Lee, J.H. 57383
Luo, L. *see* Davey, K.R. 88523
Luo, M. *see* Alonso, T. 75107
Luo, R.C., Baeg, M., Hashimoto, H., Harashima, F. Visual feedback control for tracking and intercepting 3D moving object 94704
Luo, R.C., Kay, M.G., Lee, W.G. Future trends in multisensor integration and fusion 97901
Luo, R.C., Potlapalli, H., Hislop, D.W. Defocusing blur restoration in natural scene images for fractal analysis 95823
Luo, R.X. *see* Chen, W.J. 100744
Luo, W.-G., Ding, A.-L., Zhang, R.-T., Chan, K.S., Siu, G.G. Measurement of electro-optic coefficient of ferroelectric PLZT thin films 56107
Luo, W.-G., Ding, A.-L., Zhang, R.-T., Huang, Y.-H., Ge, M. Deposition and properties of PLT thin films by magnetron sputtering from powder target 49004
Luo, X., Liao, Y., Toliyat, H., El-Antably, A., Lipo, T.A. Multiple coupled circuit modeling of induction machines 68592
Luo, Y. *see* Xue, Y. 89118
Luo, Z.D. *see* Qiu, M.W. 83033
Luo, Z.Q. *see* Jin, Q. 74167
Luo, Z.Q. *see* Jin, Q. 75594
Luo, Z.X. *see* Chen, Y.G. 53239
Luo, Z.Y. *see* Makarytchev, S.V. 78394
Luo Chunlei, Sun Hongbo, Xu Guoyu Application of artificial neural networks in the analysis of steady-state security region of power systems 68015
Luo Daling, Yong, E.C.M., Zhang Chunxiang Nonlinear responses of gamma-ray dosimeters 59426
Luo Dzun *see* Gusev, A.V. 80162
Luo Enze, Liu Yunpeng, Liu Weidong, Chen Lujun, Zhen Maosheng Surface potential barrier of a conductor reduced by its surface geometrical configuration 92634
Luo Fa-Long, Li Yan-Da Neural network for the exact RLS adaptive algorithm 55336
Luo Fa-Long, Li Yan-Da Real-time computation of the eigenvector corresponding to the smallest eigenvalue of a positive definite matrix 80510
Luo Fang *see* Fang Luo
Luo Fei *see* Huang Shanglian 66384
Luo Fengguang, Xi Jun, Cao Mingcui, Li Hongpu, Ai Jun Optical implementation method of full-permutation non-blocking double Omega optical interconnection network in optical computing 56500
Luo Fengguang *see* Fengguang Luo
Luo Gang *see* Ao Farliang 96576
Luo Gang *see* Gang Luo
Luo Guixiang *see* Ye Hua 80683
Luo Gwo-Huei *see* Gwo-Huei Luo
Luo Huan *see* Huan Luo
Luo Jianshu *see* Jianshu Luo
Luo Jin-Sheng *see* Liang Su-Jun 80113
Luo Jingyu *see* Wang Yongqing 99870
Luo Jinsheng *see* Feng Yu Chen 81849
Luo Jinsheng *see* Gong Xiaowu 80110
Luo Jinsheng *see* Lin Jian 81830
Luo Jinsheng *see* Qi Ming 62241
Luo Jinsheng *see* Jinsheng Luo
Luo Jun Analysis and research of generalized matrix converter 100367
Luo Mingya *see* Mingya Luo
Luo Peilin *see* Peilin Luo
Luo Perng-Fei *see* Perng-Fei Luo
Luo Qiang *see* He Guoyu 94957
Luo Qikun *see* Chen Lianxiang 98857
Luo Rongjie *see* Xu Shanchun 89725
Luo Rui-Xian, Liu En-Hui, Ren Feng-Cai, Chen Ai-Fan, Chung-chiun Liu Oxygen sensor based on the principle of electrochemical pump 52964
Luo Ruifu *see* Guo Qingding 100811
Luo Sheng *see* Zhi-Liang Wang 90175
Luo Shiguo, Hou Zhengcheng, Liang Zhixiang An adaptive detecting method for harmonic and reactive currents 99522
Luo Sifen *see* Sifen Luo
Luo Songjun *see* Songjun Luo
Luo Tao, Gan Fuxi Optical recording behavior of tetra-neopentoxy phthalocyanine zinc Langmuir-Blodgett film 63362
Luo Tiejian *see* Tiejian Luo
Luo Ting *see* Ting Luo
Luo Weiang *see* Weiang Luo
Luo Weili *see* Weili Luo
Luo Wenzhe, Xu Jiasheng Design of a new type of FFT address generator IC 80301
Luo Xianyun *see* Xianyun Luo
Luo Xiaogang *see* Xiaogang Luo
Luo Xingqiao *see* Qiao Chengshu 53747
Luo Yansheng *see* Yansheng Luo
Luo Yi, Si Weimin, Zhang Shengzhong, Chen Di, Wang Jianhua, Pu Rui GaAlAs/GaAs multi-quantum well gain-coupled distributed feedback lasers with absorptive gratings all grown by MBE 72851
Luo Yi *see* Liu Jin 78239
Luo Yingli, Wang Yanping, Li Hongguo, Huang Shipeng Study of the variable frequency start-up process of pumped storage machines. I. The mathematical model of variable frequency starting process of pumped storage machines 89740
Luo Yingli, Wang Yanping, Li Hongguo, Huang Shipeng Study of the variable frequency start-up process of pumped storage machines. II. Some factors acting on start-up process of pumped storage machines 89741
Luo Yisheng, Tao Deyuan, He Xiaohai, Zhao Ying, Chen Di Automated image analysis system for etched track counting—a preliminary study 88081
Luo Yishu, Shi Haoshan, He Mingyi Design and implementation of hardware and software of remote computer network communication system 85722
Luo Yongjian *see* Ye Hua 80683
Luo Yuanyu, Wang Jinggong A new algorithm for fast soft decision decoding 53699
Luo Zhenhuang *see* Xia Hongsheng 91213
Luo Zhenhuang *see* Xia Hongsheng 91214
Luo Zhi-Quan *see* Zhi-Quan Luo
Luo Zhiqiang *see* Zhiqiang Luo
Luo Zhizeng *see* Shao Yuan 87060
Luo Zongnan, Cui Yiping, Chen Songsheng, Yang Zhengming Measurements and simulation of energy spectrum of electron beam generated in soft vacuum 98253
Luo Zundu *see* Zundu Luo
Luoma, L. *see* Fripp, M. 82211

Luong, H.C., Van Duzer, T. Multi-gigahertz performance of a superconducting analog-to-digital converter 92310
Luong, Q.-T., Faugeras, O.D. Determining the fundamental matrix with planes: instability and new algorithms 96026
Luong, V.K. *see* Munidasa, M. 66587
Luong Dong *see* Dong Luong
Luongo, C., Bingham, W. SMES poised for commercial demonstration 54161
Luongo, C.A., Chih-Lien Chang, Partain, K.D. A computational quench model applicable to the SMES/CICC 72265
Luongo, C.A., Partain, K.D., Miller, J.R., Miller, G.E., Heiberger, M., Langhorn, A. Quench initiation and propagation study (QUIPS) for the SMES-CICC 94002
Luongo, C.A. *see* Parsons, B.K. 93985
Luoni, G. *see* Casanova, G. 78120
Luoning Gui *see* Gui Luoning
Luotonen, A. *see* Berners-Lee, T. 85638
Lupas, O. *see* Velkov, K.S. 99895
Lupei, A. *see* Pelletier-Allard, N. 94391
Lupei, V. *see* Dinca, A. 83224
Lupei, V. *see* Georgescu, S. 72737
Lupi, D. *see* Fraigi, L. 66192
Lupi, D. *see* Fraigi, L. 66256
Lupi, S. *see* Ali, A. 54264
Lupi, S. *see* Dughiero, F. 54256
Lupini, P., Hassanein, H., Cuperman, V. A 2.4 kbit/s CELP speech codec with class-dependent structure 73866
Lupo, D. *see* Hickel, W. 63431
Lupon, N. *see* Laguarta, F. 94697
Luppi, C. *see* Buontempo, S. 53296
Luppi, C. *see* Buontempo, S. 98502
Luppi, J., Pons, L. Heating of catenaries 60549
Luppov, V.G. *see* Apel, P.Yu. 88190
Luprianov, A.P. *see* Demsky, M.I. 67022
Lupu, V., Milstein, L.B. Performance analysis of a coherent frequency hopped spread-spectrum system with multipath channel equalization in the presence of jamming 52339
Luque, A. The MONOCHESS project: goals and results to date 78816
Luque, A. *see* Davies, P.A. 69007
Luque, A. *see* Marti, A. 100518
Luque, A. *see* Terron, M.J. 78811
Luque, J., Escudero, J.I., Gomez, I. Differential transmission of evolution measures in SCADA systems 53678
Lur'e, A.I. *see* Biki, M.A. 90087
Lure, Y.M.F. *see* Rau, Y.C. 77435
Lure, Y.S.F., Liou, C.S.J., Metzner, J.J. Reversible compression of medical images using decomposition and decorrelation methods 98871
Lurong Guo *see* Chaochuan Jiang 50962
Lurong Guo *see* Kuoping Wang 83349
Lurong Guo *see* Longqing He 56998
Lurong Ye *see* Longya Xu 60190
Lursinsap, C. *see* Khunasaraphan, C. 70805
Lurton, X., Pouliquen, E. Sea-bed identification using echo-sounder signals. II. Identification method and experimental results 77473
Lurton, X. *see* Ayela, G. 85474
Luryi, S. Ultrafast operation of heterostructure bipolar transistors resulting from coherent base transport of minority carriers 62718
Luryi, S. *see* Belenky, G.L. 49801
Luryi, S. *see* Belenky, G.L. 62694
Luryi, S. *see* Belenky, G.L. 92545
Luryi, S. *see* Lifshitz, N. 49987
Luryi, S. *see* Lifshitz, N. 81859
Luryi, S. *see* Mastrapasqua, M. 63527
Luryi, S. *see* Tedesco, C. 93328
Luscombe, J. *see* Hanna, R.A. 60532
Lush, G.B., Patkar, M.P., Young, M.P., Melloch, M.R., Lundstrom, M.S., Vernon, S.M., Gagnon, E.D., Geoffroy, L.M., Sanfacon, M.M. Thin-film GaAs solar cells by epitaxial lift-off 100735
Lush, G.B. *see* Patkar, M.P. 90445
Luskin, J. The pollution prevention consortium of New England universities 90838
Lusse, P., Stuwe, P., Schule, J., Unger, H.-G. Analysis of vectorial mode fields in optical waveguides by a new finite difference method 51175
Lussert, J.M. *see* Fillard, J.P. 81419
Lussert, J.M. *see* Fillard, J.P. 95788
Lussier, G. *see* Trueman, C.W. 86659
Lusson, A. *see* Dumont, H. 69967
Lusson, A. *see* El Mokri, A. 69919
Lusson, A. *see* Guillemoles, J.F. 79877
Lusson, A. *see* Kuhn, W.S. 69942
Lusson, A. *see* Qu'Hen, B. 70020
Lusson, A. *see* Sallet, V. 48936
Lusson, L., Elkaim, P., Correia, A., Ballutaud, D. Deuterium effusion from microcrystalline sputtered silicon thin films: hydrogen stability and bonding configurations 79916
Lusted, K. *see* Corcoran, P.M. 85787
Lustrac, A.De *see* De Lustrac, A.
Luszik-Bhadra, M., Alberts, W.G., Dietz, E., Guldbakke, S., Matzke, M. A wide-range neutron dosemeter based on a CR-39 track detector 88177
Luszik-Bhadra, M., Dietz, E. Reactor beam profile measurements with electrochemically etched track detectors 88176
Lutes, G.F. *see* Johnston, A.R. 63363
Lutes, G.F. *see* Johnston, A.R. 72434
Lutes, G.F. *see* Otoshi, T.Y. 57259
Luth, H. *see* Appenzeller, J. 55640
Luth, H. *see* Berger, M.G. 62255
Luth, H. *see* Dieker, C. 81794
Luth, H. *see* Gerthsen, D. 81354
Luth, H. *see* Kamp, M. 81428
Luth, H. *see* Marso, M. 58797
Luth, H. *see* Schuppen, A. 55403
Luther, G.G., Bagley, C. A redetermination of the Newtonian gravitational constant at the Los Alamos National Laboratory 86978
Luther, G.G., Warthen, B.J. Microwave interferometry to elucidate shock properties 87606
Luther, G.G. *see* Aceves, A.B. 83272
Luther, L. *see* Asom, M.T. 54883
Luther, R., Sr. *see* Mashikian, M.S. 68244
Luther, W.J., Otten, W. Verified inclusion for eigenvalues of the first order PLL equation with general phase detector characteristics 61605
Luther-Davies, B. *see* Andersen, D.R. 83252
Luther-Davies, B. *see* Jaatinen, E. 50497
Luther-Davies, B. *see* Yanjie Wang 83295
Luthi, R. *see* Meyer, E. 71069
Luthier, R. *see* Racine, G.-A. 60264
Luthier, R. *see* Racine, G.-A. 66213
Luthy, W. *see* Ghisler, Ch. 63736
Luthy, W. *see* Morris, P.J. 94431
Luthy, W. *see* Pollnau, M. 56662
Lutjens, S. *see* Seidler, W. 82077
Lutkehaus, H. *see* Kreutz, R. 76649
Lutolf, R. The electricity meter from an apparatus to an evolving system element 89390
Luton, J.N. *see* Lue, J.W. 82479
Luton, J.N. *see* Lue, J.W. 82480
Luton, M.H. *see* Argaut, P. 99707
Lutsenko, E.V. *see* Gribkovskii, V.P. 63763
Luttenberger, N. Multimedia integration in the RACE BANK multimedia broadband cooperation project 96391
Lutton, E., Maitre, H., Lopez-Krahe, J. Contribution to the determination of vanishing points using Hough transform 51602
Luttrell, S.P. Partitioned mixture distribution: an adaptive Bayesian network for low-energy image processing 84824
Lutz, C.R., Jr. *see* Agahi, F. 48935
Lutz, E. *see* Bottcher, A. 65742
Lutz, F. *see* Blieske, U. 100685
Lutz, I. *see* Jackson, L.T. 68744
Lutz, J. *see* Stoger, G. 55591
Lutz, K.A. Voice transmission quality in tomorrow's networks 96273
Lutzelberger, P. *see* Christl, N. 88948
Luu, T. *see* Lopez, M. 59622
Luu, T. *see* Orlando, H. 58840
Luu, V. *see* Crowley, J.D. 55390
Luu Pham *see* Hmurcik, L.V. 70418
Luu Sujen *see* Sujen Luu
Luukkala, M. *see* Ermolov, V. 82300
Lux, B. *see* Haubner, R. 79779
Lux, E. *see* Harle, V. 55624
Lux, G. *see* Shyh-Horng Yang 81440
Lux, H. Influence of the gas composition on the electrical resistivity of diamond thin films synthesized by the tantalum hot-filament method 49765
Lux-Steiner, M.C., Akari, S., Friemelt, K., Glockler, K. 3D-mapping of solar cell base materials by photo-assisted tunnelling microscopy 100454
Lux-Steiner, M.C. *see* Kirchner, R. 90460
Lux-Steiner, M.Ch. *see* Jager-Waldau, A. 90392
Lux-Steiner, M.Ch. *see* Jager-Waldau, A. 100661
Luxmoore, A.R. *see* Davies, T. 66678
Luxton, G. Comparison of radiation dosimetry in water and in solid phantom materials for I-125 and Pd-103 brachytherapy sources: EGS4 Monte Carlo study 67639
Luy, J.-F., Schmidl, J. Temperature distribution in cylinder symmetric MM-wave devices 55397
Luy, J.-F., Strohm, K.M., Sasse, E. Si/SiGe MMIC technology 80868
Luy, J.-F. *see* Presting, H. 80748
Luy, J.F. *see* Presting, H. 61898
Luyckx, G. *see* Van Den Bosch, A. 92710
Luyer, F.Le *see* Le Luyer, F.
Luz, E. *see* Wei-Liang Jin 60067
L'vov, E.L. Electromagnetic forces in stationary nonlinear systems 73206
L'vova, T.V. *see* Berkovits, V.L. 55740
Lvovsky, Y. *see* Kral, S.F. 90470
Lvovsky, Y.M., Kral, S.F., Rackov, P.M. A novel tubular superconductor stabilized with static pressurized helium 82451
Lwin, M. *see* Shang, H.M. 49038
Ly, J. *see* Ianculescu, G.D. 67736
Lyagushin, V.I. *see* Bolotnikov, A.E. 67415
Lyakhimets, S.N. *see* Hisatake, K. 63195
Lyakhimets, S.N. *see* Hisatake, K. 72076
Lyakhov, A.I. Asymptotic method of failure probability estimation in the sectional buffer memory of a commutation center 74668
Lyakhov, G.A., Suyazov, N.V., Ushakov, I.E., Shishkin, I.F. Remote detection of hydroacoustic signals by resonance volume scattering of three-centimeter microwave radiation 99282
Lyakhova, V.A. *see* Lidov, M.L. 99041
Lyakhovich, A.N. *see* Nikitin, P.I. 63500
Lyalikov, A.M. Wide range control of measurement sensitivity in studies of surface relief 87499
Lyalikov, A.M., Serenko, M.Yu. Application of holographic interferometry for visualization of transparent inhomogeneities by the defocused grating method 73180
Lyalinov, M.A. Boundary-contact problems of the electromagnetic theory of diffraction 83637
Lyamets, Yu.Ye., Il'in, V.A., Efremov, V.K. Adaptive resistance relay 78221
Lyapin, V.G. *see* Kuznetsov, A.V. 67357
Lyapkalo, Yu.M. *see* Berezin, A.K. 92466
Lyapkalo, Yu.M. *see* Berezin, A.K. 92892
Lyaschenko, V. *see* Androsov, V. 76390
Lyashchenko, V. *see* Bar'yakhtar, V. 67407
Lyashenko, A.A. *see* Sokolov, G.A. 87598
Lyashenko, V.I. *see* Gorsky, O.I. 82514
Lyashko, O.V. *see* Tretyak, V.P. 79636
Lybanon, M. *see* Krishnamurthy, S. 77543
Lycette, M. *see* Banerjee, A. 100523
Lyden, C. *see* Kelly, G. 91019
Lyding, J.W. *see* Fay, P. 62469
Lye, K.M. *see* Chua, K.C. 97133
Lye, K.M. *see* Guo, S. 65331
Lye, K.M. *see* Zhao, G.F. 85288
Lye Kin Mun *see* Kin Mun Lye
Lyes, J.F., Goodeve, T.E., Sedding, H. Parameters required to maximize a thermoset hydro-generator stator winding life. Part II—monitoring, maintenance 89736
Lygin, V.K. *see* Zapevalov, V.E. 49743
Lyke, J. *see* Forman, G.A. 90999
Lykkebo Thomsen, P. *see* Strandem, A. 89202
Lykov, V.A. *see* Politov, V.Yu. 56603
Lyle Rocke, A.F. Finding the sources of momentary HF signals, from a single site 75678
Lyles, J.F., Goodeve, T.E., Sedding, H. Parameters required to maximize a thermoset hydro-generator stator winding life. Part I—design, manufacture, installation 89735
Lymberopoulos, D., Anastassopoulos, G., Karatzoglou, M., Kokkinakis, G. An homogeneous medical tele-working domain supported by a new remote expert consultation conferencing service 76873
Lymberopoulos, D.C. *see* Kotsopoulos, S.A. 58329
Lymer, A. Digital-modulation scheme processes RF broadcast signals 57322
Lyn, R.J. Encapsulation for PCMCIA assemblies—an overview 90977
Lynch, C.S. *see* He, M.-Y. 82198
Lynch, D. *see* Ingold, G. 63868
Lynch, D. *see* Wang, X.J. 76748
Lynch, J. *see* McCann, R.S. 99083
Lynch, J.E., Playfoot, K.C. A sheath breach detector for use in fixed in-vessel instrumentation assemblies 99887
Lynch, J.G. *see* Beaumont, S.P. 88037
Lynch, J.J., York, R.A. Pulse power enhancement using mode locked arrays of automatic level control oscillators 80658
Lynch, M. *see* Carbonara, J. 68698
Lynch, M. *see* Carbonara, J. 78681
Lynch, M.T., Browman, A., DeHaven, R., Jameson, R., Jason, A., Neuschaefer, G., Tallerico, P., Regan, A. Linac design study for an intense neutron-source driver 76295
Lynch, M.T. *see* Tallerico, P.J. 98387
Lynch, M.T. *see* Ziomek, C.D. 76516
Lynch, N.A. *see* Lampson, B.W. 85297
Lynch, N.A. *see* Varghese, G. 96222
Lynch, T., Paradis, V., Spak, M., Moreau, W. Properties and performance of near UV reflectivity control layers 81632
Lynch, T. *see* Padmanaban, M. 81618
Lynch, T. *see* Spiess, W. 81620
Lynch, T.J. *see* Norwood, R.A. 81676
Lynch, T.P. *see* Selby, J. 99009
Lynch, W. *see* Speliotis, D.E. 50281
Lynn, D. *see* Harr, R. 88209
Lynn, K.G. *see* Simpson, P.J. 71410
Lynn, K.J.W., Kelly, T.D. A new real time frequency management technique based on vertical sounding demonstrated over a 2598 km circuit 83691
Lynnworth, L.C. *see* Bragg, M.I. 58702
Lynnworth, L.C. *see* Yi Liu 99314
Lyon, D.B. *see* Theiss, A.J. 92898
Lyon, H.B., Jr. *see* Mahan, G.D. 81271
Lyon, N. Data networking for greater cost benefits 74835
Lyon, R.H. *see* Tohyama, M. 73797
Lyon, S.A. *see* Kane, M.G. 94248
Lyon, S.A. *see* Kurdak, C. 62890
Lyon, S.A. *see* Xiao, X. 66483
Lyon, S.B. *see* Zhang, S.H. 87434
Lyon, T.J.de *see* de Lyon, T.J.
Lyong Kim Hae *see* Hae Lyong Kim
Lyong Kwon Ki *see* Ki Lyong Kwon
Lyong Sun Pu *see* Furuki, M. 58897
Lyons, A.M. *see* Lin, A.W. 91010
Lyons, C.M., MacBrayne, P., Johnson, J.L. Interactive television as a vehicle for the delivery of higher education to rural areas 52733
Lyons, D.F., Neuhoff, D.L., Hui, D. Reduced storage tree-structured vector quantization 85061

Lyons, G. Evolving from FSA to passive cable networks: Cost considerations 86474
Lyons, J. *see* Yuan, J.S. 72608
Lyons, M. Level 2 System Simulator fidelity study 53500
Lyons, M., Gell, M. Companies and communication in the next century 85478
Lyons, M.H. Modelling the interactions between new telecommunications services 51908
Lyons, M.H., Cochrane, P., Fisher, K. Technology and the teleworker 74801
Lyons, M.R., Balanis, C.A. Transient coupling reduction in edge-coupled coplanar waveguide forward directional couplers 80640
Lyons, P.B. *see* West, R.H. 63370
Lyons, S. *see* Whitham, K. 67008
Lyons, S. *see* Whitham, K. 67009
Lyons, T.J. *see* Ercoline, W.R. 67694
Lyons, W.G., Anderson, A.C., Arsenault, D.R., Seaver, M.M., Boisvert, R.R., Sollner, T.C.L.G. Issues and applications for wideband real-time spectral analysis systems 93933
Lyons, W.G. *see* Lee, L.H. 50397
Lyori, V. *see* Nissila, S. 52940
Lyozin, Yu.S. Statistical averaging of conditional characteristic of random signal probability distribution 51476
Lyra, M.L., Gouveia-Neto, A.S. Saturation effects on modulational instability in non-Kerr-like monomode optical fibers 56346
Lyra, M.L., Gouveia-Neto, A.S. Evolution of coherent states in a dispersionless fibre with saturable nonlinearity and the generation of macroscopic quantum-superposition states 73019
Lyraud, C. *see* Orrell, D. 87680
Lyraud, C. *see* Rifflet, J.M. 87792
Lyraud, C. *see* Vedrine, P. 87794
Lysen, E.H. Photovolts for villages 99977
Lysenko, A. *see* Danilov, V. 87823
Lysenko, A.T. *see* Kuznetsov, V.G. 99500
Lysenko, V.V. *see* Sebko, V.V. 55018
Lysenko, W.P. *see* Johnson, K.F. 76427
Lysko, V.V. *see* Zinger, N.M. 78350
Lysogorski, C.D., Schebor, F.S., Siebert, L.D., Downward, J.G. Highly versatile holographic imaging system for plume particulates (HISPP) 56977
Lyster, T.C. *see* Zoghi, B. 80024
Lysyannyi, Yu.K., Khokhlenkov, L.N., Prokhorchik, S.M. Developing processes and equipment for fabricating optical components with aspherical surfaces 72973
Lytkina, T.A. *see* Myasin, Ye.A. 92894
Lytle, C. FLEX programmable logic: largest density PLD 70388
Lytle, T.E. *see* Wang, Y. 91444
Lytle, V. *see* Tjuatja, S. 77522
Lytle, V.I., Jezek, K.C. Dielectric permittivity and scattering measurements of Greenland firn at 26.5-40 GHz 77504
Lytle, W.H. *see* Scharr, T.A. 92841
Lyu, R. *see* Lee, L.-s. 84079
Lyu Jong-Son *see* Jong-Son Lyu
Lyu Renyuan *see* Renyuan Lyu
Lyu Sung Pil *see* Sung Pil Lyu
Lyubarskii, M.G. *see* Antonov, A.N. 92465
Lyubarskii, Yu.Ya. *see* Dyakov, A.F. 99564
Lyubchenko, A.V. *see* Vlasenko, A.I. 92934
Lyubchenko, V.E., Martyakhin, V.A. Travelling wave amplification in GaAs image waveguide at V-band 57197
Lyubchenko, V.Ye., Martyakhin, V.A. Millimeter wave amplification by interaction with drifting electrons in layered semiconductor dielectric waveguides 80552
Lyubich, Yu.I. Averaging sets on the unit circle 79593
Lyubomirsky, I. *see* Cahen, D. 62217
Lyubomudrov, O.V., Shkunov, V.V. Self-bending specklons in photorefractive crystals 83254
Lyuksyutov, S.F. *see* Vashchuk, V.I. 56455
Lyul Min Sang *see* Sang Lyul Min
Lyul'kin, A.E. Construction of test sets for MOS-circuits 63021
Lyumkis, E. *see* Apanovich, Y. 55859
Lyuu Gau-Ming *see* Gau-Ming Lyuu
Lyytinen, K., Maaranen, T.P., Knuuttila, J. Groups are not always the same: an analysis of group behaviors in electronic meeting systems 85920
Lyzenga, D. *see* Hara, T. 67873

Ma, B. *see* Xu, B. 95356
Ma, B.M., Liu, W.L., Liang, Y.L., Scott, D.W., Bounds, C.O. Comparison of the improvement of thermal stability of NdFeB sintered magnets: intrinsic and/or microstructural 71980
Ma, C.-K. *see* Chan, C.-K. 51654
Ma, C.-M., Knight, R.T., Nahum, A.E., Mayles, W.P.M. An investigation of the response of a simple design of plane-parallel chamber 88617
Ma, C.C.H. Rapid tracking of short complex trajectories by a DC motor 100163
Ma, C.C.H. *see* Qian, T.W.T. 97789
Ma, C.L., Lauritzen, P.O., Pao-Yi Lin, Budihardjo, I., Sigg, J. A systematic approach to modeling of power semiconductor devices based on charge control principles 93445
Ma, C.L.F., Deen, M.J., Tarof, L.E. DC and noise characteristics of InP-based avalanche photodiodes for optical communication applications 97278
Ma, C.L.F. *see* Tarof, L.E. 72602
Ma, D.H. *see* Bai, J.Z. 53324
Ma, D.I. *see* Witczak, S.C. 71218
Ma, E.C. *see* Bai, J.Z. 53324
Ma, F. *see* Kamasz, S.R. 66471
Ma, G.-K. *see* Chen, P.-F. 96257
Ma, H., De Araujo, C.B. Time shortening of laser pulses as an application of dynamical light-bending effects 83290
Ma, H., El-Keib, A.A., Smith, R.E. A genetic algorithm-based approach to economic dispatch of power systems 89156
Ma, H. *see* Benary, O. 53327
Ma, H. *see* Benary, O. 98517
Ma, H. *see* Benary, O. 98640
Ma, H. *see* El-Keib, A.A. 77959
Ma, J., Haley, M.W., Mitchell, T.W., Sanchez, I. Wafer level detecting of Idd failures in CMOS ASICs using liquid crystal techniques 62974
Ma, J. *see* Cantanzaro, B. 83387
Ma, J. *see* Patra, S.K. 54493
Ma, J. *see* Patra, S.K. 82854
Ma, J. *see* Sasaki, H. 63359
Ma, J. *see* Zaleta, D. 82856
Ma, J.M. *see* Bai, J.Z. 53324
Ma, J.T., Wu, Q.H. Estimation of generator parameters using evolutionary programming 60185
Ma, J.T. *see* Wu, Q.H. 59759
Ma, K.T. *see* Zemon, S. 94065
Ma, L., Pothecary, N.M., Railton, C.J. Application of the FDTD technique on microwave heating 54260
Ma, L.Y.X., Low, T.S., Lee, T.H., Ding, Y.P. Learning control of brushless DC motors for motion control applications 78642
Ma, M.T. *see* Hill, D.A. 73393
Ma, Q.Y., Wong, A., Dosanjh, P., Carolan, J.F., Hardy, W.N. A planar method for patterning of high-temperature superconducting films and multilayers 72203
Ma, S.C., McCluskey, E.J. Open faults in BiCMOS gates 49404
Ma, S.L. A survey of partial difference sets 54691
Ma, T.P. *see* Binglong Zhang 62747
Ma, T.P. *see* Binglong Zhang 93458
Ma, W., Horiuchi, T., Lim, C.C., Goda, K., Okamoto, I.I., Hamakawa, Y. An optimum design of a a-Si//poly-Si tandem solar cell 100529
Ma, W., Horiuchi, T., Lim, C.C., Okamoto, H., Hamakawa, Y. Optimum design and its experimental approach of a-Si//poly-Si tandem solar cell 60454
Ma, X. *see* Wu, J. 99752
Ma, X.-F. *see* Yang, G.-R. 92973
Ma, X.F. *see* Jin, Y. 71209
Ma, X.F. *see* Wu, P.K. 71001
Ma, Y., Pang, C.S., Pathak, J., Tsao, S.C., Chang, C.F., Yamauchi, Y., Yoshimi, M. A novel high density contactless flash memory array using split-gate sources-side-injection cell for 5 V-only applications 70516
Ma, Y., Yasuda, T., Lucovsky, G. Ultrathin device quality oxide-nitride-oxide heterostructure formed by remote plasma enhanced chemical vapor deposition 49988
Ma, Y. *see* Ahlen, S. 98641
Ma, Y. *see* Ferekides, C. 100490
Ma, Y. *see* Yasuda, T. 93177
Ma, Y.P. *see* Lampert, C.M. 63486
Ma, Z., Bliss, C.A., Tennakoon, S.B. Frequency domain modelling of SF_6 switchgear for reactor switching 100405
Ma, Z.J., Shin, H., Ko, P.K., Hu, C. Effects of plasma charging damage on the noise performance of thin-oxide MOSFET's 62785
Ma, Z.J., Wann, H.J., Chan, M., King, J., Cheng, Y.C., Ko, P.K., Hu, C. Characterization of hot-carrier effects in thin-film fully-depleted SOI MOSFETs 62775
Ma, Z.J., Wann, H.J., Chan, M., King, J.C., Cheng, Y.C., Ko, P.K., Hu, C. Hot-carrier effects in thin-film fully depleted SOI MOSFET's 62784
Ma, Z.J. *see* Huang, W.M. 93629
Ma Bao-Tong *see* Bao-Tong Ma
Ma Changwen *see* Wang Dazhong 99904
Ma Changxue *see* Changxue Ma
Ma Cherng Min *see* Cherng Min Ma
Ma Chi-kit *see* Chi-kit Ma
Ma Chunchi *see* Chunchi Ma
Ma Chunsheng *see* Chunsheng Ma
Ma Da-Ming, Zhu Chun-Yi, Li Yao-Hua Nonlinear analysis of switched reluctance motor 100088
Ma Daeyoung *see* Daeyoung Ma
Ma Dye-Jyun *see* Dye-Jyun Ma
Ma Gin-Kou *see* Gin-Kou Ma
Ma Hao, Liu Zheng-Yu, Ma He-Ting An investigation of nonlinear zero-current resonant switch converter 91873
Ma Hao *see* Kang Pengju 100112
Ma He-Ting *see* Ma Hao 91873
Ma Hede *see* Hede Ma
Ma Hengjie *see* Hengjie Ma
Ma Hongliang, Yang Shili Development of a fission-couple 58731
Ma Jian *see* Jian Ma
Ma Jian-Guo *see* Jian-Guo Ma
Ma Jianfeng, Wang Yumin A new fast decoding algorithm for the Golay code 95141
Ma Jianglei, Yang Hongsheng The wide band property of circular groove guide 92458
Ma Jianwei *see* Jianwei Ma
Ma Jianyue *see* Li Ruitang 98299
Ma Jing *see* Shi Jiawei 56760
Ma Jing *see* Shi Jiawei 63800
Ma Jintao *see* Jintao Ma
Ma Junfang *see* Guo Qingding 100085
Ma Junfang *see* Guo Qingding 100811
Ma Junfu *see* Junfu Ma
Ma Jusheng *see* Li Yunqing 70166
Ma Kwok-Wai *see* Kwok-Wai Ma
Ma Li, Ozveren, C.S., Lo, K.L. Graphically Integrated Distributed Planning and Problem Solving Environment 59886
Ma Li *see* Ji Yanchao 99555
Ma Li *see* Ji Yanchao 100254
Ma Pengxiang *see* Ma Xianmin 100806
Ma Qiu-Ming *see* Qiu-Ming Ma
Ma Sha *see* Sha Ma
Ma Shang-Chih *see* Shang-Chih Ma
Ma Shaohan *see* Qiu Hongze 65256
Ma Shaoyan *see* Shaoyan Ma
Ma Shi-Jie *see* Shi-Jie Ma
Ma Shihong *see* Shihong Ma
Ma Shufen *see* Wu Siliang 64412
Ma Shufen *see* Wu Siliang 84565
Ma Susen *see* Xiong Xuming 72689
Ma Ta-Kang *see* Ta-Kang Ma
Ma Tianchi, An Deyu, Liu Songhao Determination of laser processed hardened depth by IR photothermal radiometry 73187
Ma Tso-Ping *see* Tso-Ping Ma
Ma Wei-ming The power characteristic of 500 kV large power compact over head transmission line 99717
Ma Weixin, Wang Yongqiang, Cheng Shousun, Yuan Bin, Rao Wenguang, Liu Donghai, Huang Yingju The features of stability of longitudinal power systems and strategy 89051
Ma Weixing *see* Yuan Bin 53606
Ma Weixing *see* Yuan Bin 77831
Ma Weizhen *see* Weizhen Ma
Ma Wen *see* Wen Ma
Ma Xiandong *see* Wu Jintong 53607
Ma Xianmin, Zhou Xiuhua, Ma Pengxiang, Xie Guilin, Xu Zhimin Control strategy for SF mode vector control, system using rotor parameter adaptive algorithm 100806
Ma Xiaoliang *see* Yang Jingheng 90541
Ma Xiaoliang *see* Xiaoliang Ma
Ma Xiaoming *see* Xiaoming Ma
Ma Xiaoyan *see* Xiaoyan Ma
Ma Xing *see* Xing Ma
Ma Yin-Pang *see* Yin-Pang Ma
Ma Ying-Ren *see* Ying-Ren Ma
Ma Yoguang *see* Yoguang Ma
Ma Youjie *see* Youjie Ma
Ma Youwu *see* Wu Bing 63255
Ma Yuan-Ron *see* Yuan-Ron Ma
Ma Yuanliang *see* Chen Kean 64402
Ma Yuqing *see* Qiu Daxiong 69028
Ma Yuqing *see* Smith, K.R. 68362
Ma Yutai A VLSI oriented parallel FFT algorithm 91403
Ma Zhanger *see* Liu Qingguang 97381
Ma Zhewang *see* Zhewang Ma
Ma Zhi-Jian *see* Zhi-Jian Ma
Ma Zhongren *see* Ye Feng 59017
Maa Chia-Yiu *see* Chia-Yiu Maa
Maack, I. *see* Neitzel, U. 53403
Maag, R. *see* Raynor, J.M. 75898
Maagt, P.de *see* de Maagt, P.
Maagt, P.J.I.de *see* de Maagt, P.J.I.
Maamari, F. *see* Chakraborty, T.J. 62936
Maan, J.C. *see* Willing, B. 62176
Maanen, J.v. *see* v. Maanen, J.
Maani, G.G., Toh, P.S., Sng, Y.H., Choo, F.H. Practical implementation of 3-phase and 3-level microprocessor sampled PWM techniques 100256
Maaranen, T.P. *see* Lyytinen, K. 85920
Maas, C., Levermann, F. Data reduction for the representation of curves by piecewise polynomials 54722
Maas, F.E. *see* Muller, W. 98421
Maas, H. *see* Singh, Y.P. 66712
Maas, H.G.R. *see* Dekker, R. 93580
Maas, J. *see* Ludeke, H.-P. 68728
Maas, M. *see* Hagerup, T. 91259
Maas, P. *see* Stecher, M. 49052
Maas, R., Kroes, F., van der Laan, J., Luijckx, G., Noomen, J., Wu, Y. Commissioning results of the Amsterdam pulse stretcher/storage ring AmPS 87627
Maas, R. *see* Wu, Y. 87694

Maas, S.A., Kwo Wei Chang A broadband, planar, doubly balanced monolithic Ka-band diode mixer 49661
Maas, S.A., Ryu, Y. A broadband, planar, monolithic resistive frequency doubler 80821
Maas, S.A., Ryu, Y. A broadband, planar, monolithic resistive frequency doubler 92607
Maas, S.A. *see* Virk, R.S. 93510
Maaser, A. *see* Sarstedt, M. 59021
Maaskant, R. *see* Alavie, A.T. 52923
Maaskant, R. *see* Alavie, A.T. 98057
Maaskant, R. *see* Measures, R.M. 52888
Maasmi, A. *see* Agli, N. 81259
Maass, H., Schreyer, O., Stahl, M. Interworking issues for mobility management in private telecommunication networks (PTNs) 52376
Maass, H., Schreyer, O., Stahl, M. Data management for wide-area mobility in private telecommunications networks 52381
Maass, H., van der Cruijs, P. Replicated distributed directory services for mobile communications networks 75242
Mabilleau, P. *see* Xiaohui Zhang 96832
Mabrouki, A. *see* Gadonna, M. 52491
Mabuchi, H., Polzik, E.S., Kimble, H.J. Blue-light-induced infrared absorption in $KNbO_3$ 94645
Mabuchi, T., Kohno, R., Imai, H. Multiuser detection scheme based on canceling cochannel interference for MFSK/FH-SSMA system 65552
Mac An Airchinnigh, M., Belsnes, D., O'Regan, G. Formal methods and service specification 96454
Mac An Airchinnigh, M., Kugler, H.-J. Service engineering versus software engineering a foundational study 96442
Mac Lughadha, S. *see* Huan Xu 82740
McAdams, E.T., Jossinet, J. Physical interpretation of Schwan's limit voltage of linearity 53437
McAdams, E.T., Jossinet, J. The detection of the onset of electrode-electrolyte interface impedance nonlinearity: a theoretical study 67432
McAdams, E.T., McLaughlin, J.A., Anderson, J.McC. Multi-electrode systems for electrical impedance imaging 67559
McAdams, E.T., McLaughlin, J.A., Anderson, J.M. Designing biosignal monitoring sensors 98921
McAdams, E.T. *see* Jossinet, J. 67563
McAdams, R. *see* Proudfoot, G. 59008
McAdoo, J. *see* Joshi, R.P. 75967
McAfee, J.R., Gage, K.S., Strauch, R.G. Examples of vertical velocity comparison from collocated VHF and UHF profilers 88760
McAfee, S. *see* Lis, R.J. 55940
McAlinden, P., Murphy, M. DSP solutions for mobile communications 58332
McAlister, S.P., McKinnon, W.R., Abid, Z., Guzzo, E.E. Hysteresis in the switching of hot electrons in InP/InGaAs double-heterojunction bipolar transistors 81814
McAlister, S.P. *see* Abid, Z. 62685
McAlister, S.P. *see* Abid, Z. 62726
McAlister, S.P. *see* Kam-Wing Chai 72837
McAlister, S.P. *see* McKinnon, W.R. 55924
McAlister, S.P. *see* Zhan-Ming Li 63783
McAllister, B. *see* Flanz, J.B. 76342
McAllister, B.G. *see* Jacobs, K.D. 76578
McAllister, D.J. *see* Andle, J.C. 98130
McAllister, I.W. *see* Pedersen, A. 82113
McAllister, I.W. *see* Rerup, T.O. 83532
MacAlpine, J.M.K., Ko, C.C. A simple detector and analyser of partial discharges 58627
Macaluso, G. *see* Lazzeri, L. 78480
McAnally, P. *see* Shin-Puu Jeng 71435
McAndrew, C.C., Zaneski, G., Layman, P.A., Ayyar, S.G. Accurate characterization of MOSFET overlap/fringing capacitance for circuit design 62752
McAndrew, C.C. *see* Ashton, R.A. 50032
McAndrews, G., Fahy, M. Achieving high reliability in a complex circuit board 79487
McAnelly, J.K. HACCP: a total quality system for assuring food safety and quality 54555
McAreavy, M.J. *see* Rener, B.A. 68741
Macario, G. *see* Gagnaire, M. 85751
Macario, R.C.V. *see* Dababneh, M.I.S. 52395
Macario, R.C.V. *see* Hannoun, B.G. 52766
Macario, R.C.V. *see* Negrat, M.A. 52043
McArthur, D.N. *see* Schill, R.L. 60865
MacArthur, D.W., Allander, K.S., Bounds, J.A., Catlett, M.M., Caress, R.W., Rutherford, D.A. Long-range alpha detector (LRAD) technology, results, and applications 59113
MacArthur, D.W. *see* Garner, S.E. 98574
MacArthur, D.W. *see* Johnson, J.D. 88840
MacArthur, D.W. *see* Johnson, J.D. 99303
McArthur, J.E. *see* Hibbs, A.D. 82395
McAshan, M. *see* Burgett, W. 98480
McAshan, M. *see* McInturff, A.D. 76652
McAulay, A.D., Xu, X. Finite element analysis of optically controlled non-linear directional coupler switches 75516
McAulay, A.D., Xu, X., Wang, J. Designing fast optically controlled waveguide switches 50648
MacAulay, C. *see* Xu, L. 76928
McAulay, R.J., Quatieri, T.F. The application of subband coding to improve quality and robustness of the sinusoidal transform coder 84063
McAuley, A.J. Weighted sum codes for error detection and their comparison with existing codes 57352
McAuley, D. ATM to the desktop 65244
McAuliffe, M.J. *see* Turner, M.D. 50935
McAvoy, B.R. *see* Levy, M. *(editor)* 79113
Macbeth, D. Finding common ground: The Global Virtual Network Services Forum 85494
Macbeth, D.P. *see* Das, R. 58029
McBrayer, J.D., Richardson, C.B., Jojola, A.A., Pitre, L.J. High-voltage failure mechanisms in liquid-filled, Fluorinert FC-40, capacitors 90341
MacBrayne, P. *see* Lyons, C.M. 52733
McBride, A. *see* Rozental, S. 52263
McBride, G. *see* Chiew, S.P. 91582
McBride, J.E., Harper, V.S., Coffeen, L.T., Stanley, F.T., Ng, H.W. Examination and location of partial discharge sites in severely aged underground distribution cables 68238
McBride, J.W., Sharkh, S.M.A. The effect of contact opening velocity and the moment of contact opening on the AC erosion of Ag/CdO contacts 61981
McBride, J.W. *see* Weaver, P.M. 68886
McBride, J.W. *see* Weaver, P.M. 87225
McBride, R. *see* Chang, D.D. 92793
McBride, R. *see* Wong, C.P. 91047
McBride, R.A. *see* Bauer, M.A. 51867
McBurnett, S. *see* Jorgensen, J. 66604
McCabe, J.F. *see* Forman, G.A. 90999
McCabe, P.A. VHDL-based system simulation and performance measurement 55075
McCafferty, P.G. *see* Sellai, A. 71575
McCaffery, A.J. *see* Hamelin, N. 73017
McCaffrey, J.P., Bryskiewicz, B., Bryskiewicz, T., Jiran, E. Transmission electron microscopy characterization of $In_xGa_{1-x}As$ substrates grown by heteroepitaxial lateral overgrowth 54817
McCaffrey, P.J., Westwood, I.D., Tribe, R. Autonomous intelligent cruise control—an automotive application for silicon hybrids 69182
McCain, A.J. *see* Kouri, J.V. 82204
McCaldin, J.O. *see* Swenberg, J.F. 72633
McCall, J., Anderson, S. Design considerations for potential environmental implications driving selection of semiconductor starting material 79280
McCall, M. *see* Ziping Jiang 94555
McCall, S., Begovic, M., Meliopoulos, A.P.S. An educational tool for load flow analysis with electromechanical interface 89098
McCalley, J.D., Krause, B.A. Determination of available transmission capacity for stability-limited transmission using artificial neural networks 78050
McCalley, J.M. *see* Jiang, H. 99474
McCallion, K., Johnstone, W., Fawcett, G. Tunable in-line fiber-optic bandpass filter 50660
McCallion, K. *see* Gloag, A. 63715
McCallion, K. *see* Johnstone, W. 82995
McCallum, D. *see* Nakra, H. 89064
McCammon, D. *see* Pei, X. 67235
McCammon, D. *see* Stahle, C.K. 53334
McCammon, J.A., Pettitt, B.M., Scott, L.R. Ordinary differential equations of molecular dynamics 91380
McCandless, B.E. *see* Yamanaka, S. 100663
McCandliss, S.R. *see* Morrissey, P.F. 58834
McCandliss, S.R. *see* Sahnow, D.J. 52941
McCann, D.H. *see* Temofonte, T.A. 66482
McCann, L.I., Smalley, R.M., Dubson, M.A. High-temperature scanning tunneling microscope with a novel sample heater and interchangeable scan heads 81168
McCann, P.J., Aanegola, S.K. The role of graphite boat design in liquid phase epitaxial growth of $PbSe_{0.78}Te_{0.22}$ on BaF_2 79810
McCann, R.S., Lynch, J., Foyle, D.C., Johnston, J.C. Modelling attentional effects with head-up displays 99083
McCann, R.S. *see* Andre, A.D. 99055
McCann, R.S. *see* Foyle, D.C. 99063
McCann, W. *see* Keoleian, G.A. 90948
McCanney, N.R. PROJECT STARLIGHT. An approach to wide range dimming for AMLCD backlighting 76134
McCanny, J.V., Hu, Y., Yan, M. DAC: A silicon compiler framework for the design of DSP ASICs 70258
McCanny, J.V., Hu, Y., Yan, M. Automated design of DSP array processor chips 80061
McCanny, J.V. *see* Woods, R.F. 70656
McCardel, W. *see* Wadsworth, M.V. 98088
McCarley, P.L. *see* Massie, M.A. 98117
McCarron, J.P., Jr. *see* Cretella, J.P. 59341
McCarter, J. *see* Rozental, S. 52263
McCarthy, A.M. *see* Weiner, K.H. 62396
McCarthy, D. *see* Chu, W. 49927
McCarthy, D. *see* Shirey, L.M. 81598
McCarthy, D.F., Patterson, M.S., Younger, M., DeLuca, C. High-performance image processing system 76084
McCarthy, D.K., Allnutt, J.E., Salazar, W.E., Omeata, E.C., Owolabi, B.R., Oladiran, T., Ojeba, E.B., Ajayi, G.O., Raji, T.I., Zaks, C. Results of 11.6 GHz radiometric experiment in Nigeria: second year 83666
McCarthy, D.K., Allnutt, J.E., Salazar, W.E., Sitati, R.W., Okoth, M., Mutungi, M.J., Odhiambo, C.D., Zaks, C. Results of 11.6 GHz radiometric experiment in Kenya: second year 83665
McCarthy, D.K., Allnutt, J.E., Salazar, W.E., Wanmi, F., Tchinda, M., Ndinayi, T.D.G., Zaks, C. Results of 11.6 GHz radiometric experiment in Cameroon: second year 83664
McCarthy, F. *see* Gustafsson, K. 95537
McCarthy, G.P. *see* Hartmann, M.J. 67983
McCarthy, G.W. *see* Viveash, J.P. 67672
McCarthy, J. Power monitoring devices: trends in power automation 60025
McCarthy, J.C., Monk, A.F. Measuring the quality of computer-mediated communication 96828
McCarthy, J.D. *see* Pollak, P. 76287
McCarthy, K. *see* Fraser, G.W. 98552
McCarthy, K.J. *see* Owens, A. 67418
McCarthy, K.J. *see* Owens, A. 87277
McCarthy, M. *see* Sheedy, J.E. 52991
McCarthy, M.J. *see* Mortin, D.E. 54622
McCarthy, N. *see* Mailhot, S. 56772
McCarthy, N. *see* Mailhot, S. 56830
McCarthy, O. *see* Byrne, E. 49091
McCartin, B.J. *see* Lee, C.F. 51096
McCartney, D.M., Skormin, V.A. Parameter estimation in a failure detection system of a fighter aircraft 59650
McCartney, M. *see* Kizakevich, P.N. 77013
McCartney, M.R. *see* Mathine, D.L. 54877
McCartney, R., Ackerman, J. The primary flight instruments for the Boeing 777 airplane 77146
McCarty, D. High-performance applications targeted by new FPGA family 70395
McCarty, D.M. *see* Burrows, P.E. 56565
McCarty, J. *see* Jun Wei 60142
McCarty, K. *see* Kim, Q. 70493
McCarty, K.F., Mills, M.J., Medlin, D.L., Friedmann, T.A. Comment on "Growth and characterization of epitaxial cubic boron nitride films on silicon" 91431
McCarty, K.F. *see* Medlin, D.L. 70126
McCarty, K.P. *see* Nichols, D.K. 71551
McCarty, K.P. *see* Nichols, D.K. 71646
McCaskill, G.A. *see* Bailey, A. 61462
McCaskill, T.B., Largay, M.M., Oaks, O.J., Reid, W.G., Buisson, J.A., Warren, H.E. Measurements and analysis of the frequency stability of GPS Navstar clocks 87560
McCaslin, S., Van Bavel, N. Effects of quasi-periodic training signals on acoustic echo canceller performance 95460
McCaughan, L. *see* Chi-Hung Huang 72403
McCaughrean, M.J. *see* Herbst, T.M. 66429
McCauley, G. *see* Liska, B. 76303
McChesney, D. *see* Garber, M. 82418
Macchiarella, G., Stracca, G.B. An accurate design approach for TM mode dielectric resonator filters in circular waveguide below cutoff 70836
Macchiarella, G. *see* Gentili, G.G. 49640
Macchietto, R. *see* Cerdonio, M. 50404
Macchietto, R. *see* Falferi, P. 82510
Macchietto, R. *see* Franceschini, L. 50405
Macciotta, M.P. *see* Martin, A. 67356
McClary, C.R., Walborn, J.R. Fault-Tolerant Air Data Inertial Reference System development results 67703
McClean, I.P. *see* Thomas, C.B. 72655
McCleary, J., Ming-Yi Li, Kai Chang Ka-band slot-fed higher order-mode low-loss Fabry-Perot filters 70847
McCleer, P.J. *see* Sotli Peng 81975
McClellan, J.H. *see* Evans, B.L. 57543
McClellan, J.H. *see* Evans, B.L. 57564
McClellan, J.H. *see* Evans, B.L. 74032
McClellan, J.H. *see* Heck, L.P. 84389
McClellan, R. *see* Lippis, N. 96631
McClellan, S.A. *see* Gibson, J.D. 95314
McClelland, J.J. *see* Scholten, R.E. 71445
McClements, J.D. *see* Gander, R.E. 87002
McClendon, M. Characterization of photoreceivers used in lightwave instrumentation 86432
McCleskey, D.M. Powering the LA Convention Center expansion 78072
McClintock, M. *see* Messersmith, J. 89738
McClintock, R. *see* Williams, D. 88671
McClintock, R.L. *see* Wang Tang 77790
McCloskey, T., Sahraian, M., Agarwal, A. BTA—Bearing Troubleshooting Advisor 68546
McCluer, S.W., Sieberg, M. Generators and UPS—good news, bad news 68410
McCluney, W.R. Introduction to radiometry and photometry 79196
McClung, L.B., Ramachandran, S. Improvement in fire safety features of electrical conductors and cables 55452
McClung, L.B., Ramachandran, S. Improvement in fire safety features of electrical conductors and cables 80945
McClung, L.B. *see* Bridger, B. 68905
McClure, J.C. *see* Britton, J.D. 66637
McClure, M. Energy gauges add intelligence to rechargeable batteries 68968
McClure, M., Kralj, D., Teng-Tai Hsu, Carin, L., Felsen, L.B. Frequency-domain scattering by nonuniform truncated arrays: wave-oriented data processing for inversion and imaging 95641
McClure, M.T., von Windheim, J.A., Glass, J.T., Prater, J.T. Effect of native SiO_2 layer on the nucleation of diamond using a combustion flame 48990

McClure, S. *see* Datte, P. 98455
McClurg, D.C. *see* Soreide, N.N. 99248
McClurkin, D.J. A lower bound for tree resolution 91241
McCluskey, E.J. *see* Franco, P. 49383
McCluskey, E.J. *see* Franco, P. 49407
McCluskey, E.J. *see* Ma, S.C. 49404
McCluskey, E.J. *see* Touba, N.A. 91846
McCluskey, F.M.J., Denat, A., Lesaint, O. Breakdown and prebreakdown phenomena in liquids under positive impulse voltages 63061
McColgin, W.C., Lavine, J.P., Kyan, J., Nichols, D.N., Stancampiano, C.V. Dark current quantization in CCD image sensors 66480
McCollough, C.H. *see* Zink, F.E. 88588
McCollum, D. *see* Chiang, S. 61666
McCollum, T. *see* Spector, G.B. 67358
McColskey, D. *see* Rix, C. 82454
McColskey, J.D. *see* Fortunko, C.M. 99313
McComas, M. Switching coal to cut SO_2 also brings fuel savings 78396
McComas, M.G. *see* Law, A.M. 74823
McCombs, G.M. The Internet and technical services: a point break approach 58148
McConaghy, C. *see* Roeske, F. 67727
Maccone, C. The Karhunen-Loeve transform: a better tool than the Fourier transform for SETI and relativity 65747
Maccone, C., Matloff, G.I. SETIsail: a space mission to 550 AU to exploit the gravitational lens of the Sun for SETI and astrophysics 66007
McConnell, J. ATM: the video services engine 58031
McConnell, J. In search of better router management 65168
McConnell, R. *see* Ehrenfeucht, A. 69748
McConnell, R. *see* Lavenier, D. 70359
McConnell, R.E., II *see* Olson, R.A. 52649
McConnell, S.O., DeProspo, D.F. Broad-band bottom forward loss and backscattering off San Diego 88805
McCord, M.A. *see* Risk, W.P. 50553
McCord, T.B. *see* Birk, R.J. 88683
McCord, T.B. *see* Birk, R.J. 88749
McCorkle, S. *see* Benary, O. 53327
McCorkle, S. *see* Benary, O. 98517
McCorkle, S. *see* Benary, O. 98640
McCormack, A.S., Flower, J.O., Godfrey, K.R. The suppression of drift and transient effects for frequency-domain identification 74010
McCormack, A.S., Godfrey, K.R., Flower, J.O. The design of multilevel multiharmonic signals 57472
McCormack, F. *see* McMahan, M.A. 76460
McCormack, K. *see* Turner, A. 98114
McCormack, M., Jin, S., Graebner, J.E., Tiefel, T.H., Kammlott, G.W. Low temperature thinning of thick chemically vapor-deposited diamond films with a molten Ce-Ni alloy 49764
McCormack, M., Jin, S., Kammlott, G.W. Enhanced solder alloy performance by magnetic dispersions 79971
McCormack, M. *see* Jin, S. 79974
McCormick, B.C. *see* Linehan, L.L. 81639
McCormick, D., Ross, M., Himel, T., Spencer, N. Thermal stabilization of low level RF distribution systems at SLAC 76336
McCormick, D. *see* Emma, P. 76451
McCormick, J.E., Nussman, P.G. Logistics support analysis on the palletized load system (PLS) 59666
McCormick, K., Wells, R.O., Jr. Wavelet calculus and finite difference operators 69858
McCormick, M., Davies, N., Aggoun, A., Brewin, M. Examination of the requirements for autostereoscopic full parallax, 3D TV 97625
McCormick, M. *see* Davies, N. 50562
McCormick, R. Re-inventing the telephone industry 51885
McCormick, S., Rude, U. A finite volume convergence theory for the fast adaptive composite grid methods 48871
McCormick, T.L. *see* He, Y. 79842
McCormick, W.S. *see* Dierking, M.W. 83202
McCornick, D. *see* Babenko, E. 76589
McCourt, P.M., Kaouri, H.A. Transform coding at 4.8 kbit/sec using interleaving of transform frames and dual gain-shape vector quantisation 84107
McCowen, A., Tran, T.V. An FFT-based formulation for 3D PEC scatterers in the resonance region 51089
McCowen, A. *see* Clibbon, K.L. 59349
McCowen, A. *see* Tran, T.V. 83629
McCowen, A. *see* Zwamborn, A.P.M. 52620
McCowen, B. *see* Macnab, J.A.R. 51083
McCoy, B. How to manage random access video 86749
McCoy, B.A., Robins, G. Non-tree routing 49083
McCoy, C.E., Floryancic, B.L. Characteristics and measurement of capacitor switching at medium voltage distribution level 59934
McCoy, C.T. *see* Logan, P.M. 76906
McCoy, J.G. *see* Daugherty, J. 99396
McCoy, M.A., Dregia, S.A., Lee, W.E. Evolution of phases and microstructure in optical waveguides of lithium niobate 82636
McCoy, T. *see* LaCourse, J. 67423
McCracken, S. *see* Overbeck, J.A. 58498
MacCraith, B.D. *see* O'Keeffe, G. 87221
McCray, T.W., Cudney, H.H. Modeling the dynamics of removable and reusable piezoelectric patch-type actuators 93785
McCreary, J. *see* Clementi, J. 91015
McCredle, B., Blennemann, H. AC design issues for a multireference computer package 91064
McCree, A.V., Barnwell, T.P., III Implementation and evaluation of a 2400 bit/s mixed excitation LPC vocoder 73870
McCreight, C. *see* Lum, N. 58851
McCreight, C.R., Jr *see* McKelvey, M.E. 58781
McCrory, E.S. Easy and effective application programs using DataViews 76332
McCrory, E.S. *see* Owens, T.L. 76406
McCrosky, C. *see* Ghatraju, L. 49218
McCrosky, C. *see* Weidong Li 55190
McCuaig, W., Ota, K. Contractible triples in 3-connected graphs 48780
McCulla, G.A. *see* El-Gasseir, M.M. 100003
McCullen, J. *see* Rod, B.J. 49003
McCulley, W. *see* Bryzek, J. 75902
McCulloch, D.J. *see* Brotherton, S.D. 79915
McCulloch, M. *see* Meyer, A.S. 69049
McCulloch, M.D. *see* Jackson, K.D. 69127
McCullough, E. *see* Bernard, J.E. 63687
McCullough, E.D. *see* Schoenwald, J.S. 99315
McCurdy, A.H. Synchronous mode locking in gyrotrons 62101
McCurley, M.F. An optical biosensor using a fluorescent, swelling sensing element 98136
McCutchan, D.R., Reilly, J.W. Pentium processor thermal design guidelines 55278
McDanal, A.J. *see* O'Neill, M.J. 100708
McDaniel, D.L. *see* Johnston, B.D. 53411
McDaniel, J.C. *see* Krauss, R.H. 66715
McDaniel, M.M. *see* Bopp, D. 60645
McDermid, J.A. Proving the design in the safety case 54421
McDermid, W. *see* Campbell, S.R. 78540
McDermott, D. *see* DeHope, W. 62122
McDermott, D. *see* DeHope, W. 92901
McDermott, D.B. *see* Hartemann, F.V. 64100
McDermott, D.B. *see* Leou, K.C. 92902
McDermott, D.B. *see* Wang, Q.S. 62123
McDermott, E., Katagiri, S. Prototype-based minimum error training for speech recognition 73796
McDermott, E., Katagiri, S. Prototype-based MCE/GPD training for word spotting and connected word recognition 84032
McDermott, W.E. *see* Copeland, D.A. 94333
McDevitt, J.T. *see* Jurbergs, D. 66292
McDevitt, T. *see* Sturtevant, J. 71515
McDiarmid, C., Reed, B., Schrijver, A., Shepherd, B. Induced circuits in planar graphs 48769
McDicken, W.N. *see* Hoskins, P.R. 76926
McDicken, W.N. *see* Loupas, T. 59285
McDicken, W.N. *see* Shariati, M.A. 98781
McDonagh, C. *see* Craith, B.D.M. 58817
McDonagh, C. *see* O'Keeffe, G. 87221
McDonagh, D. *see* Mathur, B.P. 81654
Macdonald, A.S., Scott, B.F. Creating an integrated learning environment. Experiences in product design engineering education 54471
MacDonald, C.A. *see* Ullrich, J.B. 88298
MacDonald, C.E. *see* Barbosa, L.C. 50355
McDonald, C.F., Silady, F.A., Wright, R.M., Kretzinger, K.F., Haubert, R.C. GT-MHR helium gas turbine power conversion system design and development 78299
McDonald, D. *see* Phelan, P. 50723
McDonald, D.S. *see* Leung, K.N. 76734
McDonald, E.C. Open systems quality challenge 74913
Macdonald, F., Rensch, D., Josefowicz, J., Williams, F., Hoefer, W. HTS microstrip matching networks and filters 49676
MacDonald, G.A. *see* Argade, P.V. 70586
McDonald, J. *see* Boel, B. 85422
McDonald, J. *see* Hoppe, H. 54801
Macdonald, J. *see* Lettington, A.H. 66450
McDonald, J. *see* Loy, J. 48668
McDonald, J. *see* Loy, J. 92833
McDonald, J. *see* Rong-Chang Hsieh 52605
MacDonald, J.A., Ackerman, E.I., Prince, J.L. Signal and noise analysis of direct modulation fiber optic link with optical component and arbitrary lossless matching circuits 86455
Macdonald, J.A. *see* Kierstead, J.A. 59085
McDonald, J.D. *see* Fan, J.Y. 78078
McDonald, J.F. *see* Garg, A. 49463
McDonald, J.F. *see* Garg, A. 92835
McDonald, J.K., Tanton, G.A., Grisham, J.A., Christensen, C.R., Syllaios, A.J. Wide band magneto-optical characterization of HgCdTe 92962
McDonald, J.R. *see* Asar, A.-U. 68157
McDonald, J.R. *see* Azzam-ul-asar 78038
McDonald, J.R. *see* Booth, C. 59812
McDonald, J.R. *see* Burt, G.M. 59754
McDonald, J.R. *see* Burt, G.M. 59813
McDonald, J.R. *see* Cruden, A. 60020
McDonald, J.R. *see* Huber, H.E. 59890
McDonald, J.R. *see* Noor, S.F. 78040
McDonald, K. *see* Way, J. 77660
McDonald, K.C. A synopsis of microwave remote sensing investigations planned for BOREAS 77385
McDonald, K.C., Zimmermann, R., Oren, R., Way, J. Hydrologic and dielectric properties of woody plant tissue: implications for remote sensing of canopy water status 67870
MacDonald, K.C. *see* Miller, S.P. 99141
McDonald, K.C. *see* Way, J. 77297
MacDonald, L.W., Lenz, R. An ultra-high resolution digital camera 98102
McDonald, M. *see* Collins, J.J. 98746
McDonald, M. *see* Dutto, G. 53189
MacDonald, M. *see* Jiang, X.P. 94445
McDonald, M. *see* Neifeld, M.A. 94045
Macdonald, M.A. *see* Haskard, M.R. 71008
MacDonald, M.A. *see* Kamenskikh, I.A. 88042
MacDonald, M.A. *see* Southworth, S.H. 88259
McDonald, M.G. Low-bridging soldering process using nitrogen 92805
McDonald, M.J. *see* Strang, W.M. 89255
MacDonald, N.C. *see* Chen, L.-Y. 55832
MacDonald, N.C. *see* Mihailovich, R.E. 58743
MacDonald, N.C. *see* Santos, E.J.P. 49735
MacDonald, N.C. *see* Santos, E.J.P. 62063
MacDonald, N.C. *see* Shaw, K.A. 55843
MacDonald, N.C. *see* Yao, J.J. 55977
McDonald, P. *see* Campbell, A. 70464
Macdonald, P.A. *see* Hafizi, M. 55926
Macdonald, P.A. *see* Hafizi, M. 92526
MacDonald, P.A. *see* Hafizi, M. 92618
McDonald, R. *see* Braceras, G. 92229
Macdonald, R. *see* Illman, J. 97490
MacDonald, R.I. Optoelectronic equalisation 50503
MacDonald, R.I., Lam, D., Noad, J. Multistage optoelectronic switch networks 65541
Macdonald, R.I. *see* Janz, C.F. 82718
MacDonald, R.I. *see* Liu, Q.Z. 82878
MacDonald, R.P., Boothroyd, S.A., Chrostowski, J., Syrett, B.A. Free-space intermodule interconnection using "non-diffracting" diode laser beams 94226
MacDonald, S.M. *see* Fisher, J.M. 61329
MacDonald, W.M. *see* Mizrahi, V. 58396
McDonnell, D.G. *see* Hughes, J.R. 98226
McDonnell, J.T.E. *see* Bentley, P.M. 84192
McDonnell, N. *see* Kelleher, A. 77095
McDonnell, P.J. *see* Fromhold, T.M. 62670
McDonnell, P.J. *see* Geim, A.K. 93518
McDonough, A.K. *see* Desourdis, R.I., Jr. 75386
MacDougal, M.H., Zhao, H., Dapkus, P.D., Ziari, M., Steier, W.H. Wide-bandwidth distributed Bragg reflectors using oxide/GaAs multilayers 72802
MacDougal, M.H. *see* Zhao, H. 50855
McDougal, P., Barendse, V. Inmarsat and personal mobile satellite services 58356
MacDougall, F.W., Hardy, P.E., Winsor, P., IV, Yang, X.H. The impact of metallized electrodes on high energy density pulse power capacitors 90339
MacDowall, R.D. *see* Burke, A.F. 54201
MacDowell, A.A. *see* Tichenor, D.A. 81591
McDowell, C. *see* Bowling, B.A. 87696
McDowell, G.W.A. Generator earthing 53995
McDowell, W., Knott, M., Lenkszus, F., Kraimer, M., Arnold, N., Daly, R. Status and design of the Advanced Photon Source control system 76334
McDysan, D.E. Public data multi-service interface interworking using ATM (balancing connectivity, efficiency and performance) 85888
Mace, D.A.H. *see* Davies, D.A.O. 65540
Mace, S.E., DiBrito, D.A., Blank, R.W., Keegan, L.S., Allran, M.G. Effect of wheel and rail profiles on gage widening behavior 54213
McEachen, J.C., II, Duncan, J.S. Shape-based tracking of naturally occurring annuli in image sequences 96044
McEachern, J. *see* Jammu, D. 75749
McEachern, R.H. Ratio detection precisely characterizes signals' amplitude and frequency 51473
Macedo Filho, A.D.de *see* de Macedo Filho, A.D.
Macedonia, M.R., Brutzman, D.P. MBone provides audio and video across the Internet 52068
Macek, J. *see* Austregesilo, H. 99864
Macek, R. *see* Donahue, J. 66950
Macek, R. *see* Frankle, S. 76324
Macek, R. *see* Hardek, T. 76493
Macek, R. *see* Hutson, R. 66948
Macek, R. *see* Hutson, R. 66949
Macek, R. *see* Wang, T. 87918
Macek, R. *see* Wilkinson, C. 76325
Macek, R.J., Fitzgerald, D.H., Hoehn, M., Ryder, R., York, R. Status of the PSR improvement program 87829
Macek, R.W. *see* Jason, A.J. 87950
Macek, T. *see* Brodsky, W.L. 92673
Macel, L.R. *see* Bertoni, H.L. 86133
McElhaney, S.A., Falter, D.D., Todd, R.A., Simpson, M.L., Mihalczo, J.T. Passive (self-powered) fiber optic sensors 58992
McElhanon, R.W. *see* Gopalakrishnan, G.K. 94199
McElray, J.L., Warwick, B.K., Baumgartner, E.A., Burzese, A.A., Daume, J.F., Feldman, B.J., Fennell, E.C., Fromen, C.W., Hawver, D.W., Hemming, D.R., Huddleston, J.D., III, Ingleson, J.W., Jodice, J.A., Lerley, P.J., Marsh, W.J., Jr., Rankin, F.A., Sanders, M.P., Taylor, R.P., Winston, P.B. A survey of relay test practices 1991 results. IEEE power system relaying committee report 78228

McElroy, C., Murray, B., Fagan, A.D. Wideband speech coding in 7.2 kbit/s 84106
McElroy, M.W. What to know about EIA/TIA 569 [telecommunication distribution systems] 58270
McElroy, M.W. The do's and don'ts of UTP cabling 75174
McElroy, M.W. Proposed changes to EIA/TIA 568 [communications wiring standard] 96950
McElroy, M.W. Testing methods for UTP and fiber 96951
McElwain, C.K. *see* Heggestad, H.M. 74882
McEnally, C.S., Sawyer, R.F., Koshland, C.P., Lucas, D. Sensitive in situ detection of chlorinated hydrocarbons in gas mixtures 77568
McEntarfer, P. *see* Mijuskovic, D. 49198
McEntee, J. High-tech solutions mean drivers will pay their way 90597
McEntee, J. *see* Kaminar, N. 90427
McEntee, J. *see* Kaminar, N. 100722
McEntee, J. *see* King, R.R. 100631
McEvoy, A.J. *see* Murphy, M.M. 78808
McEvoy, A.J. *see* van Herle, J. 60428
McEvoy, A.K. *see* Craith, B.D.M. 58817
McEwan, J.A. Real-time 3-D: the sound of the times 66083
McEwan, N.J. *see* Sadeghzadeh, R.A. 51227
McEwan, N.J. *see* Sadeghzadeh, R.A. 73353
McEwan, N.J. *see* Sadeghzadeh, R.A. 83807
McEwan, P.M. *see* Tennakoon, S.B. 60389
McEwan, P.M. *see* Tennakoon, S.B. 68903
Macewan, W.R. *see* Moze, O. 72033
McEwen, D.J. *see* Oznovich, I. 99194
McEwen, J. *see* Gadgil, P.N. 98755
McFadden, M.A. *see* Cook, L.T. 67469
McFadden, S.M. *see* Matthews, M.L. 97444
Macfadyen, R.N. *see* Azmodeh, M. 64904
McFall, J.D. *see* Campeanu, R.I. 98206
McFall, R.H. *see* Yester, J.L. 78949
McFarland, A. *see* Hagood, N. 100173
McFarland, D.J. *see* Wolpaw, J.R. 88562
McFarland, M.J. *see* Ilic, I. 72415
McFarland, P.A. *see* Sadana, D.K. 93637
McFarland, P.A. *see* Shahidi, G.G. 71790
McFarland, P.A. *see* Shahidi, G.G. 71797
McFarland, R.H. The upslope endfire ILS glide slope: a non-image system that accommodates rising terrain below the approach path 65992
McFarland, R.H. Commentary on Walton correspondence relating to the ILS glide slope 77134
McFarlane, D.C. *see* Petersen, I.R. 84491
MacFarlane, D.L. *see* Dowling, E.M. 52568
MacFarlane, D.L. *see* Tatum, J.A. 94571
McFarlane, G. *see* Gidney, E. 75713
Macfarlane, J.C. *see* Cochran, A. 82385
McFarlane, R.A. Upconversion laser in BaY_2F_8:Er 5% pumped by ground-state and excited-state absorption 56895
McFarlin, M.S. LOS shadowing in RCS prediction code simulation 53572
McFarren, M.J. *see* Hasting, J.S. 88695
McFee, J.E., Ellingson, R.O., Das, Y. A total-field magnetometer system for location and identification of compact ferrous objects 87349
McFee, S. *see* Galiana, F.D. 53650
McFee, S. *see* Galiana, F.D. 77836
McFee, S. *see* Giannacopoulos, D. 83441
McFee, S. *see* Javidi, H. 99423
MacFhearraigh, A. *see* Botvich, D.D. 64913
McGahan, W.A. *see* Woollam, J.A. 52997
McGann, J. Choosing and using adhesives for surface mount component placement 81038
McGarity, J.O. *see* Oberhardt, M.R. 88633
McGarr, T. *see* Bhatoolaul, D. 52456
McGarrity, C., Jackson, D.A. Improvement on phase generated carrier technique for passive demodulation of miniature interferometric sensors 66405
McGarrity, J.M. *see* Scozzie, C.J. 62868
McGarry, F.J. *see* Margaritis, G. 61441
McGarry, F.J. *see* Margaritis, G. 82006
McGavis, D. The energy bucket and a not-so-drop-in-the-bucket portion of the waste stream, consumables 79243
McGeehan, J.P. *see* Boloorian, M. 52435
McGeehan, J.P. *see* Cheung, J.C.S. 97156
McGeehan, J.P. *see* Parsons, K.J. 49195
McGeehin, P., Moseley, P.T., Williams, D.E. Self-diagnostic solid state gas sensors 58892
McGeer, P.C. *see* Saldanha, A. 91706
McGehee, D., Jaffe, J.S. Design and testing of a three-dimensional acoustical imaging system 99253
McGehee, J., Hebley, J., Mahaffey, J. The MMST computer-integrated manufacturing system framework 62918
McGhan, D. *see* Tarof, L.E. 72602
McGhan, D. *see* Yu, J. 72603
McGhee, D. *see* Cho, Y. 87949
McGhee, D.G. Circuit description of unipolar DC-to-DC converters for APS storage ring quadrupoles and sextupoles 68845
McGhee, D.G. *see* Fathizadeh, M. 59019
McGhee, D.G. *see* Turner, L.R. 76672
McGhee, J., Henderson, I.A. Current trends in the theory and application of classification to instrumentation and measurement systems 75805
McGhee, J., Henderson, I.A. Fundamental limits in instrument science 75821
McGhee, J., Henderson, I.A., Renwick, A., McGowan, M. Multifrequency binary testing and simulation of temperature sensors with compensated stream temperature control 58679
McGhee, J. *see* Henderson, I.A. 57314
McGhee, J. *see* Henderson, I.A. 75816
McGhee, J. *see* Smirthwaite, P.T. 59253
McGibbon, B. Technical review: the NEw World Infrastructure 75015
McGill, C. *see* Wang, S. 58472
McGill, J. *see* Bhandari, R. 66953
McGill, J. *see* Fuhua Wang 66952
McGill, J. *see* Mariam, F.G. 66954
McGill, J.A. *see* Naifeng Mao 66939
MacGill, R.A. *see* Anders, S. 53237
MacGill, R.A. *see* Brown, I.G. 53213
McGill, T.C. *see* Collins, D.A. 55557
McGill, T.C. *see* Swenberg, J.F. 72633
McGillem, C.D. *see* Heidari-Bateni, G. 58286
McGillis, D., Sud, S. Power systems interconnection planning and experience 68029
McGillis, D.T. *see* Marceau, R.J. 53652
McGillis, D.T. *see* Marceau, R.J. 77949
McGillis, L. Gopher searching using VERONICA 75017
MacGillivray, G. Graph homomorphisms with infinite targets 91240
McGillivray, R., Proctor-Williams, K., McLister, B. Simple biofeedback device to reduce excessive vocal intensity 67602
McGilp, J.F., Cavanagh, M., Power, J.R., O'Mahony, J.D. Spectroscopic optical second-harmonic generation from semiconductor interfaces 94624
McGilp, J.F. *see* O'Keeffe, G. 87221
McGinley, P.H., Butker, E.K. Laminated primary ceiling barriers for medical accelerator rooms 88611
McGinn, M., Alberkrack, J. An advanced multistandard TV video/sound IF 86687
McGinn, V.P., Reis, R.R. Harmonic bandpass detection of TDM signals 74036
McGinnis, D. *see* Jackson, G. 87876
McGinnis, D. *see* Pasquinelli, R.J. 76506
McGinnis, D. *see* Shan, J.P. 87843
McGinnis, D. *see* Skan, J.P. 66848
McGinnis, D. *see* Steimel, J.M., Jr. 76466
McGinnis, D. *see* Steimel, J.M., Jr. 76558
McGinnis, D. *see* Wu, G. 76465
Mcginnis, K. *see* Crist, C.E. 76442
Mcginnis, K. *see* Hurd, J.W. 76440
McGinnis, T. Design and applications of a versatile multiplexed telemetry and power system for coax cables 96585
McGinnis, W.C. *see* Jones, T.E. 48976
McGladdery, W.A., Clifford, R. Survey of current and emerging wireless data networks 97082
McGlashan, S., Fraser, N., Gilbert, N., Bilange, E., Heisterkamp, P., Youd, N. Dialogue management for telephone information systems 51423
McGlip, M.I. *see* Staton, D.A. 68641
McGlone, M.D. *see* Ososanya, E.T. 80378
McGough, J.C. *see* Fong, J.C. 90311
McGovern, F.A., Woods, R.F., Yan, M. Novel VLSI implementation of (8×8) point 2D DCT 49471
MacGowan, B.J. *see* Da Silva, L.B. 94323
MacGowan, B.J. *see* Eder, D.C. 63677
MacGowan, B.J. *see* Jacquemot, S. 50742
MacGowan, B.J. *see* Nilsen, J. 82919
MacGowan, B.J. *see* Wan, A.S. 50741
MacGowan, B.J. *see* Wan, A.S. 72666
McGowan, M. *see* McGhee, J. 58679
McGowan, R., Foerster, J., Lindenmuth, R., Huynh, D., Lukaszek, T. Biological agent detector using a surface transverse wave resonator: preliminary report 98129
McGowen, R., Ferguson, F.J. A study of undetectable non-feedback shorts for the purpose of physical-DFT 49323
McGowen, R., Ferguson, F.J. Eliminating undetectable shorts between horizontal wires during channel routing 49401
McGowin, C.R. *see* Stolte, W.J. 100005
McGranaghan, M. *see* Le Tang 89229
McGrath, G. Optimizing MC68882 code 49469
McGrath, G. *see* Jeong-Ky Min 74941
McGrath, J. Just the ticket: A case study of Strathclyde PTE's use of private mobile radio 86206
McGrath, J.J. *see* Lee, P.S. 98855
McGrath, W.R. *see* Febvre, P. 61909
McGrath, W.R. *see* Febvre, P. 66013
McGregor, D.R. *see* Dasgupta, D. 99916
McGregor, D.S., Rojeski, R.A., Knoll, G.F., Terry, F.L., Jr., East, J., Eisen, Y. Evidence for field enhanced electron capture by EL2 centers in semi-insulating GaAs and the effect on GaAs radiation detectors 71106
McGregor, J.A., Poulter, E.M., Smith, M.J. Switching system for single antenna operation of an S-band FMCW radar 88790
McGregor, J.A. *see* Poulter, E.M. 59575
MacGregor, M.H., Grover, W.D. Optimized k-shortest-paths algorithm for facility restoration 85435
MacGregor, M.H. *see* Slevinsky, J.B. 86433
MacGregor, P.R., Puttgen, H.B. The integration of nonutility generation and spot prices within utility generation scheduling 88993
MacGregor, R., Chung Chan, Ye, J., Ruden, T. A circular crossed-field amplifier for in situ measurements, study of reentrant beam effects, and comparison with numerical simulation 81137
MacGregor, R. *see* Browning, J. 62112
McGruer, N.E. *see* Bintz, W.J. 62048
McGuiggan, T. *see* Johnson, R. 79391
McGuiness, P.J., Fitzpatrick, L., Yartys, V.A., Harris, I.R. Anisotropic hydrogen decrepitation and corrosion behaviour in NdFeB magnets 56204
McGuire, A. *see* Burnett, I. 52504
McGuire, D. *see* Day, C. 51996
McGuire, E.D.R. *see* Aidarous, S. 51979
McGuire, G. *see* Fine, B. 70608
McGuire, G.E. *see* Hsia, S.L. 71422
McGuire, G.E. *see* Palmer, W.D. 92875
McGuire, M., Axford, M. Cost-effective GE LM6000 aeroderivative 68465
McGuire, M. *see* Hashemi, H. 73359
McGuire, S.C., Hossain, T.Z., Soave, R.J. Impurity characterization of $Si_{1-x}Ge_x$ circuit structures with the use of neutron activation analysis 62205
Mach, K.D. *see* Bodruzzaman, M. 88647
Mach, R., Muller, G.O. Reasons and implications of asymmetries in thin film EL devices 82832
Macha, K. *see* Schneider, W.J. 76709
Machac, P., Myslik, V., Vrnata, M. Laser annealed W/Sn contacts on N-type GaAs 71195
Machac, P. *see* Matal, M. 72547
Machado, A.M. *see* Bernussi, A.A. 50798
Machado, C. *see* Hua Yang 77067
Machado, J.C. *see* Alves, C.H.F. 76972
Machado e Moura, A. *see* Vale, Z.A. 59729
Machajdik, D. *see* Vavra, I. 93048
Machala, C.F. *see* Duvvury, C. 93408
McHale, G. *see* Neal, D.B. 71255
McHale, G. *see* Newton, M.I. 71253
Machalett, F., Muhle, R. Liquid alloy ion sources for Pd and Cu 67279
McHardy, S., Phillipson, J.T. Electrical safety considerations for canned pumps in flammable material services 48639
Machczynski, W. *see* Haubrich, H.-J. 78199
Machefert-Tassin, Y., Julien, L. The electric locomotives of the Shuttle trains [for the Channel Tunnel] 60553
Machel, G., Motokawa, M., von Ortenberg, M., Li, L., Van Bockstal, L., Herlach, F. Design and performance of pulsed-field magnets with an optimized ice/fibre reinforcement 83572
Machel, G. *see* von Ortenberg, M. 82505
Machelski, R.J. *see* Curland, N. 72132
Machewirth, D. *see* Fengqing Wu 94429
Machewirth, D.P. *see* Wang, J.S. 94380
Machewirth, D.P. *see* Wei, K. 63341
Machi, A. *see* Gugliotta, G. 57772
Machi, Y. *see* Shimada, Y. 69931
Machias, A.V. *see* Skikos, G.D. 60145
Machida, H. *see* Ishikura, K. 54869
Machida, H. *see* Kimura, T. 91567
Machida, K., Kikuchi, M., Sawa, Y., Fu-Pen Chiang Young's fringes analysis with a computer image-processing system 95984
Machida, K., Shimoyama, N., Takahashi, J.-I., Takahashi, Y., Yabumoto, N., Arai, E. Improvement of water-related hot-carrier reliability by using ECR plasma-SiO_2 55983
Machida, N., Ito, M., Ohtsuki, K., Motoyama, H. CS digital sound receiver model NE-PCM8000 58559
Machida, N. *see* Furuya, K. 62651
Machida, O. *see* Uchiki, H. 61360
Machida, S. Space-charge calculations in synchrotrons 87896
Machida, S. *see* Huang, Y. 87882
Machida, S. *see* Wu, X. 66917
Machida, S. *see* Zhang, P. 66893
Machida, T. *see* Hoshi, T. 75255
Machida, T. *see* Nakaya, H. 100573
Machihara, F. Busy-period and blocking behavior of finite queues with state-dependent Markov renewal arrivals 48748
Machmoun, M., Le Doeuff, R., Gudefin, E., Ramaromisa, V. Modelling in view of simulation of a doubly-fed asynchronous machine 89953
Machowski, J., Nelles, D. Optimal modulation controller for superconducting magnetic energy storage 99450
Machowski, J. *see* Dilger, R. 68041
Machowski, W. *see* Balachandran, W. 73239
Macht, A. *see* Barker, T. 96490
Machtovoi, I.A. Artificial-vision stereo system as a source of visual information for preventing the collision of vehicles 95843
Machuga, S. *see* Giesler, J. 80991
Machuga, S. *see* O'Malley, G. 80990
McHugh, S. *see* Abe, K. 88115
McHugh, S. *see* Antilogus, P. 59064
McHugh, S. *see* Antilogus, P. 59127
McHugo, S. *see* Bailey, J. 81201
Machusak, D.A. *see* Wenger, G.M. 92717
Maci, S. *see* Tiberio, R. 73278
Macias, J. *see* Aguilera, S. 98987

Macias, J.A.Rosendo *see* Rosendo Macias, J.A.
Macias, J.L.Ruis *see* Ruis Macias, J.L.
Macias, M., Seefried, E. Digital speed control of an AC asynchronous motor with current inverter supply 60510
Maciejko, R., Champagne, A., Reid, R., Mani, H. Analysis of an InGaAsP/InP twin-overlayed-waveguide switch 82655
Maciel, C.V.B., Argollo, D.F.M., Abdalla, H., Jr. Broadside suspended stripline 3 dB couplers 80611
Maciel, L.R., Bertoni, H.L. Cell shape for microcellular systems in residential and commercial environments 65652
Maciel, L.R. *see* Xia, H.H. 75347
Maciel, P. *see* Bernstein, J. 58741
Maciga, B. *see* Aleksandrov, A.V. 87901
Maciga, B. *see* Calabrese, R. 76741
Macii, E. Hazard elimination in two-valued logic functions using multi-valued techniques 80312
Macii, E., Wolf, T. Area reduction techniques for BIST PLA's 91978
Macii, E., Wolf, T. Combinatorial optimization models for the PLA folding problem 91979
Macii, E. *see* Bahar, R.I. 49334
Macii, E. *see* Bahar, R.I. 92161
Macii, E. *see* Cho, H. 49076
Macii, E. *see* Hachtel, G.D. 91980
Macii, E. *see* Hyunwoo Cho 92033
McIlraith, A.H. *see* Fitzgerald, M.P. 66739
McIlroy, S.J., Evans, N.E. An encoding telemeter for climatic temperature monitoring using a single chip microcontroller 97809
McIlvain, T. *see* Mandeville, J.B. 76855
McIlvaney, K. *see* Nawaz, M. 63489
Macina, D. *see* Buontempo, S. 53296
Macina, D. *see* Buontempo, S. 98502
McInerney, J.G. *see* Hui, R. 50917
Mcinerney, J.G. *see* Wright, M.W. 83075
McInerney, J.J. *see* Herr, M.D. 88366
Macinnes, A.N. *see* Power, M.B. 49005
McIntosh, A.A. *see* Duffy, D.E. 51971
Macintosh, B. *see* McLean, I.S. 66427
McIntosh, K.A. *see* Brown, E.R. 61907
McIntosh, P.A. *see* Quinn, P.D. 98464
McIntosh, P.S. The design and development of a spread spectrum digital cordless telephone for the consumer market 65668
McIntosh, R. *see* Pazmany, A. 88783
McIntosh, R.C. *see* Burghartz, J.N. 71830
McIntosh, R.C. *see* Burghartz, J.N. 82093
McIntosh, R.E. *see* Pazmany, A.L. 77405
McIntosh, R.E. *see* Pazmany, A.L. 77414
McIntosh, R.E. *see* Pazmany, A.L. 97370
McInturff, A. *see* Burgett, W. 98480
McInturff, A. *see* Kraushaar, P. 76654
McInturff, A. *see* Robinson, W. 76644
McInturff, A.D., Burgett, W., Carter, H., Dombeck, T., Gannon, J., Kraushaar, P., Mulholland, G., Savord, T., Tool, G., Robinson, W., Weisend, J.G., II, Voy, D., Zbasnik, J. Test results and operational characteristics of prototype SSCL half cell 87671
McInturff, A.D., Burgett, W., Christianson, M., Dombeck, T., Gannon, J., Haenni, D., Kraushaar, P., Levin, M., McAshan, M., Mulholland, G., Murray, D., Robinson, W., Savord, T., Smellie, R., Spinos, F., Tool, G., Weisend, J., II, Zatopek, J. Collider scenario implications of ASST operation 76652
McInturff, A.D. *see* Weisend, J.G., II 87684
McInturff, D.T. *see* Melloch, M.R. 62163
MacIntyre, D. Manufacturing of MCM-L 92838
McIntyre, D.H. *see* Cuneo, C.J. 56749
McIntyre, E.H., Goodwill, J.E., Klesser, D.E. The challenge of improving electric arc furnace efficiency 69233
McIntyre, J. *see* Losito, J., III 53875
McIntyre, N.F. *see* Scott, R.F. 77230
McIntyre, P.M. *see* Bo Lee 62042
McIntyre, P.M. *see* Lee, B. 71036
McIntyre, P.M. *see* Smith, D.D. 76847
McIntyre, P.M. *see* Smith, D.D. 76848
Maciszewski, W., Lukaszewicz, J., Migdal, W., Chmielewski, A.G. Control and data acquisition system of electron accelerator for radiation processing 87638
Maciukenas, T.B. *see* Savin, H.V. 70382
McIver, J.C. *see* Godart, T.F. 89240
McIver, J.C. *see* Mashikian, M.S. 68244
Mack, B. *see* Sera, M.M. 82095
Mack, C.A. Enhanced lumped parameter model for photolithography 71498
Mack, C.A. Swing curves 81582
Mack, C.A., DeWitt, D.P., Tsai, B.K., Yetter, G. Modeling of solvent evaporation effects for hot plate baking of photoresist 81661
Mack, C.A. *see* DeWitt, D.P. 81708
Mack, R.J. *see* Ahmad, H.H. 50062
Mack, W.D. *see* Meyer, R.G. 52402
Mack, W.D. *see* Meyer, R.G. 61575
Mckaig, J. *see* Derdall, B.C. 92736
McKay, A. *see* Herman, R.M. 86224
McKay, C.G. From the archives Arvid Damm makes an offer 73691
MacKay, D.K. *see* Findlay, R.D. 89998
MacKay, D.K. *see* Stranges, N. 89839
Mackay, G. *see* Soubra, M. 53484
MacKay, I. *see* Danisch, L. 76026
McKay, J., Vrba, J., Betts, K., Burbank, M., Lee, S., Mori, K., Nonis, D., Spear, P., Uriel, Y. Implementation of a multi-channel biomagnetic measurement system using DSP technology 88468
Mackay, J.A. MOPS; meeting the needs of UK industry 48619
McKay, L. *see* Seneff, T. 91975
Mackay, R. *see* Brown, B.H. 67551
McKay, R. *see* Crawley, H.B. 59209
McKay, R. *see* Crawley, H.B. 61775
McKay, R. *see* Crawley, H.B. 88233
McKay, R. *see* Crawley, H.B. 98666
McKay, R. *see* Nutter, S. 88234
McKay, R. *see* Nutter, S. 98697
Mckay, R.G., Cartledge, J.C. Performance of narrow deviation coherent optical CPFSK-DD with tight IF filtering and an amplified interfering echo 65758
McKeating, R. *see* Armitage, A.F. 87272
McKee, A. *see* Lullo, G. 82723
McKee, J. *see* Rodder, M. 93620
McKee, P.F. *see* Kashyap, R. 63383
McKee, P.F. *see* Kashyap, R. 63416
McKee, R.A. *see* Walker, F.J. 82662
McKee, S. *see* Jumarhon, B. 69878
McKee, T. *see* Miller, I. 56679
Mckeeman, J. *see* Hary, S. 59641
McKelvey, B., Turco, A., Ufford, D. DoD imposed environmental requirements: readying DSEG for 'Green' weapon systems 67937
McKelvey, D.J., Bothman, R., Pigman, J. Overview of IVHS-CVO operational tests 78959
McKelvey, J.A. *see* Misra, D.K. 98264
McKelvey, M. *see* Lum, N. 58851
McKelvey, M.E., McMurray, R.E., McCreight, C.R., Jr, Roellig, T.L., Cooper, R., Yuen, L., Deutsch, L.K. 58×62 Si:As IBC detector arrays on PMOS multiplexers for astronomy 58781
McKelvey, M.H. *see* Redgate, M.L. 59437
McKenna, M. *see* Kezunovic, M. 78188
McKenna, S.M. *see* Kezunovic, M. 78201
McKenna, S.M. *see* Kezunovic, M. 78225
McKenna, T.A. *see* Pafimeni, S.R. 78401
McKenna, T.P. *see* Hur, K.Y. 93199
McKenna-Lawlor, S.M.P. *see* Spiridonov, M. 56620
Mackenthun, K.M., Jr. A fast algorithm for multiple-symbol differential detection of MPSK 57531
McKenty, P.W., Skupsky, S., Kelly, J.H., Cotton, C.T. Numerical investigation of the self-focusing of broad-bandwidth laser light with applied angular dispersion 83262
McKenzie, D.R., Yin, Y., Marks, N.A., Davis, C.A., Pailthorpe, B.A., Amaratunga, G.A.J., Veerasamy, V.S. Hydrogen-free amorphous carbon preparation and properties 70083
McKenzie, D.R. *see* Davis, C.A. 61390
McKenzie, D.R. *see* Davis, C.A. 62411
McKenzie, D.R. *see* Veerasamy, V.S. 50679
MacKenzie, F., Payne, R., Rush, J.D. D-fibre optical backplane interconnect 86469
Mackenzie, F. *see* Syms, R.R.A. 50574
Mackenzie, G.H. *see* Laxdal, R.E. 66951
Mackenzie, G.H. *see* Yin, Y. 98477
Mackenzie, H.A. *see* Hand, D.P. 87224
MacKenzie, H.S. *see* Veerasamy, V.S. 50679
MacKenzie, I.S., Riddersma, S. Effects of output display and control-display gain on human performance in interactive systems 98209
Mackenzie, J. *see* Mak, A. 71273
Mackenzie, J.A. *see* Johnson, S.R. 54879
McKenzie, L. *see* Xu, L. 49344
Mackenzie, P., Dudek, G. Precise positioning using model-based maps 97458
McKenzie, P. *see* Cocha, M. 82565
Mackenzie, R. *see* Crane, M. 75011
Mackenzie, R.A.D. *see* Huang, M. 62078
Mackenzie, R.A.D. *see* King, R.A. 62050
McKenzie, S. *see* Gan, D. 52211
MacKenzie Beck, J. *see* Wrench, A.A. 98988
McKenzie-Wilson, R. *see* Rose, J. 67164
McKeown, D.M. *see* Roux, M. 84792
Mackeown, W.P.J., Greenway, N., Thomas, B.T., Wright, W.A. Contextual image labelling with a neural network 84822
Mackerle, J. Finite and boundary element techniques in biomechanics: a bibliography (1991-1993) 61207
Mackerle, J. Finite element and boundary element library for composites—a bibliography (1991-1993) 79752
Mackerle, J. Error analysis, adaptive techniques and finite and boundary elements—a bibliography (1992-1993) 91339
Mackerle, J. *see* Brannberg, N. 91394
Mackerrow, E. *see* Donahue, J. 66950
MacKerrow, E.P., Cohen, S., Donahue, J.B., Swenson, D.R., Bryant, H.C. Laser diagnostics for H^- beam momentum and momentum spread 98462
MacKerrow, E.P. *see* Swenson, D.R. 98475
McKervey, G.W., Perry, B. Fan applications in the cement industry 60666
Mackevich, J.P. Proper lightning arrester application improves distribution system reliability 59917
Mackevich, J.P. Evaluation of polymer-housed distribution arresters for use on rural electric power systems 60008
Mackevich, J.P. *see* Bennett, J.A. 90300
Mackey, E.F. *see* Sahnow, D.J. 52941
Mackey, W.A., Carter, J.C. Measure the steps to success [concurrent engineering] 69506
Mckie, A.D.W., Addison, R.C., Jr. Practical considerations for the rapid inspection of composite materials using laser-based ultrasound 70213
McKie, A.D.W., Addison, R.C., Jr., Liao, T.-L.T., Ryang, H.-S. Laser-based ultrasonics—applications to NDE and process monitoring 99363
Mackie, R.L., Smith, J.T., Madden, T.R. Three-dimensional electromagnetic modeling using finite difference equations: the magnetotelluric example 88734
Mackie, T.R. *see* Engler, M.J. 77042
Mackie, W.A., Hartman, R.L., Anderson, M.A., Davis, P.R. Transition metal carbides for use as field emission cathodes 62052
Mackie, W.A. *see* Hartman, R.L. 62054
Mackiewich, B.T. *see* Scheuer, T.E. 97451
McKillip, R., Marzen, V. Display technology at Rockwell 77155
McKinlay, A. *see* Hine, N.A. 98993
McKinley, P.K. Multicast communication in staircase multichannel networks 96614
McKinley, P.K. *see* Chenghang Huang 85708
McKinney, C.J. PIN photodiode-based miniature gamma radiation detector for multiple applications including positron emission tomography radioisotopes 53359
McKinney, D.L., Bhaiwala, M., Chui, K.-T.A., Houghton, C.L., Mullens, J.R., Leibholz, D.L., Patel, S.J., Ramey, D.A., Rosenbluth, M.B. Digital's DECchip 21066: the first cost-focused Alpha AXP chip 55286
McKinney, E.D., DeBrunner, V.E. Directionalizing adaptive multi-microphone arrays for hearing aids using cardioid microphones 77079
McKinney, P.J., Davidson, J.H. Comparison of electrical characteristics of barbed-plate and wire-plate precipitators 64107
Mckinney, R.S., Gordon, T.H. ATM for narrowband services 52203
McKinney, W.R., Shannon, C.L., Shults, E.N. Water-cooled ion-milled diffraction gratings for the synchrotron radiation community 88281
McKinney, W.R. *see* Valdes, V.S. 88280
McKinnon, A.D. *see* Hensley, W.K. 98629
MacKinnon, E. *see* Lariviere, J. 98978
McKinnon, W.R., McAlister, S.P., Abid, Z., Guzzo, E. InP double heterostructure bipolar transistors: comparison of doped and undoped InGaAsP composite collectors 55924
McKinnon, W.R. *see* Abid, Z. 62685
McKinnon, W.R. *see* Abid, Z. 62726
McKinnon, W.R. *see* McAlister, S.P. 81814
McKinstry, K.D. *see* Truedson, J.R. 72054
McKisson, J.E., Haskins, P.S., Phillips, G.W., King, S.E., August, R.A., Piercey, R.B., Mania, R.C. Demonstration of three-dimensional imaging with a germanium Compton camera 88316
McKisson, J.E., Haskins, P.S., Piercey, R.B., Phillips, G.W., King, S.E., August, R.A., Mania, R.C. Multiparameter data acquisition system for germanium Compton telescope 98727
McKisson, J.E. *see* Haskins, P.S. 98613
McKitterick, J.B. *see* Pennise, C.A. 93079
McKitterick, J.B. *see* Warren, W.L. 93078
Macklin, H.R., Picard, H.E. Utility competitiveness and outage productivity improvement 78258
Macklin, J.T. *see* Sephton, A.J. 77448
McKnight, B. *see* Harris, F. 92330
McKnight, D.J. Continuous view of dc-balanced images on a ferroelectric liquid-crystal spatial light modulator 94201
McKnight, D.J., Johnson, K.M., Serati, R.A. 256×256 liquid-crystal-on-silicon spatial light modulator 56445
McKnight, R., Jr. *see* Gilbreath, G.C. 56869
McKnight, S.W. *see* Oliver, S.A. 87217
McKnight, T.R. *see* Valverde, C.R. 59643
Macko, D. *see* Vojtanik, P. 72003
Macks, L.D., Brown, S.A., Starrett, R.P., Clark, R.G., Deshpande, M.R., Reed, M.A., Fernando, C.J.L., Frensley, W.R., Matyi, R.J. High magnetic field tunneling transport in a double quantum well-triple barrier resonant tunneling diode 81797
Macks, L.D. *see* Clark, R.G. 83571
Mackus, P., Kuliesius, F., Poskus, A. Peculiarities of dielectric relaxation near T_g for PEPCa layers 76151
MacLachlan, J. *see* Bhat, C.M. 66961
McLachlan, W. An integrated manufacturing test development process 92740
Maclaine, D. Fields of doubt [electromagnetic fields] 67638
McLaine, D. Keep your distance [power cable EMC] 78129
Maclaine, D. Keeping cool in the city heat [CHP plant] 78358
McLandrich, M.N. *see* Orazi, R.J. 52600
McLane, G.F., Buchwald, W.R., Casas, L., Cole, M.W. Magnetron enhanced reactive ion etching of GaAs in $CH_4/H_2/Ar$: surface damage study 93216

McLane, P.J. *see* Funderburk, D.M. 75133
McLane, P.J. *see* Narayan, S. 52269
McLane, P.J. *see* Ning Zhang 86295
MacLaren, I. *see* Quarmby, N. 85145
McLaren, P.G., Kuffel, R., Giesbrecht, J., Keerthipala, W., Castro, A., Fedirchuk, D., Innes, S., Mustaphi, K., Sletten, K. On site relay transient testing for a series compensation upgrade 78226
McLaren, P.G., Swift, G.W., Neufeld, A., Zhang, Z., Dirks, E., Haywood, R.W. "Open" systems relaying 78227
McLaren, P.G. *see* Song, J. 87123
McLaren, R. *see* Mogre, A. 51651
McLarty, P.K. *see* Alok, D. 55671
McLarty, P.K. *see* Alok, D. 93168
McLarty, P.K. *see* Alok, D. 93291
McLarty, P.K. *see* Bhatnagar, M. 55887
Mclarty, P.K. *see* Bhatnagar, M. 62679
McLarty, P.K. *see* Dev Alok 93054
McLarty, P.K. *see* Perkinson, T.L. 81402
McLaughlin, D.J., Boltniew, E., Wu, Y., Raghavan, R.S. Low grazing angle bistatic NRCS of forested clutter 86545
McLaughlin, J.A. *see* McAdams, E.T. 67559
McLaughlin, J.A. *see* McAdams, E.T. 98921
McLaughlin, N.B. *see* Murray, A. 77033
McLaughlin, P. *see* Sullivan, D. 96515
McLaughlin, R.A., Alder, M.D., deSilva, C.J.S. Inference of structure: hands 85133
McLaughlin, S. *see* Chen, S. 84555
McLaughlin, S. *see* Fackrell, J.W.A. 64350
McLaughlin, S. *see* Grant, P.M. 57470
McLaughlin, S. *see* Laurenson, D.I. 97106
McLaughlin, S. *see* Ushaw, G. 49510
McLaughlin, W.L. *see* Spindel, A. 93977
McLaughlin, W.P. The introduction of cellular manufacturing at Bomford Turner 48618
McLauglin, M.J. *see* Kinoshito, K. 86130
Maclay, G.J. *see* Li, C. 58707
MacLean, A. *see* Gaver, W. 65275
McLean, C.J. *see* Lullo, G. 82723
McLean, F.B. *see* Scozzie, C.J. 62868
McLean, I.R. *see* Heylen, A.E.D. 78024
McLean, I.S., Becklin, E.E., Brims, G., Canfield, J., Casement, L.S., Figer, D.F., Henriquez, F., Huang, A., Liu, T., Macintosh, B., Teplitz, H. The UCLA double-beam infrared camera system 66427
McLean, J.G. Design robustness assessment—a technical overview 79254
Maclean, T.S.M. *see* Ivrissimtzis, L.P. 95014
Maclean, T.S.M. *see* John, J. 63380
McLean, W. Numerical evaluation of some trigonometric series 69860
McLean, W.E. *see* Kotulak, J.C. 66633
McLellan, D. Upgrading the Anglo-Scottish Interconnector: plant construction stage 59799
McLellan, D.R., Ryan, J.P., Browalski, E.S., Heinricy, J.W. Increasing the safe driving envelope—ABS, traction control and beyond 78978
McLellan, H.R. *see* Argade, P.V. 70586
McLellan, J.F., Abousalem, M.A., Porter, T.R. Quality control in DGPS separation vector systems 65996
McLellan, J.F., Battie, J.P. Testing and analysis of OEM GPS sensor boards for AVL applications 65974
McLellan, J.F., Schleppe, J., McLintock, D., Deren, G. GPS/barometry height-aided positioning system 66002
McLellan, J.F. *see* Abousalem, M.A. 65983
McLeod, A. Keeping watch on surveillance 52737
McLeod, C.N. *see* Denyer, C.W. 67573
McLeod, C.N. *see* Zhu, Q.S. 67555
McLeod, D. *see* Diamond, J. 49294
MacLeod, E.N., Chiarella, M. Navigation and control breakthrough for automated mobility 73185
Macleod, I.M. *see* Stothert, A. 95873
Macleod, J. *see* Xiaoyuan Zhu 95346
MacLeod, L.M. *see* Grobbelaar, G.B. 78393
Macleod, M.D. *see* Dempster, A.G. 51492
Macleod, M.D. *see* Dempster, A.G. 92060
Macleod, M.D. *see* Dempster, A.G. 92405
McLeod, R.D. *see* Pelletier, R.V. 80207
McLeod, R.D. *see* Wieler, R.W. 70358
MacLeod, R.S. *see* Johnson, C.R. 53399
MacLeod, R.S. *see* On, H. 67543
McLernon, D.C. *see* Brandao, A.L. 65679
McLevige, W.V. *see* Kozlowski, L.J. 52954
McLinden, C.A. *see* Chang, J.S. 64106
McLintock, D. *see* McLellan, J.F. 66002
McLister, B. *see* McGillivray, R. 67602
McMahan, M.A., Assang, A., Herr, S., McCormack, F., Krebs, E., Feinberg, B. A scintillating fiber beam halo detector for heavy ion beam diagnostics 76460
MacMahon, H.G. *see* Reynolds, Q. 81088
McMahon, O.B. *see* Brown, E.R. 64227
Macmahon, P.A. The combinations of resistances 91688
McMahon, S.P. *see* Heylen, A.E.D. 78024
McMahon, T., Wilson, J., Jones, T., Duerdoth, I., Lumb, N., Baines, J., Botterill, D., Edgecock, R., English, R., Payne, B., Bignall, P., Crone, G., Esten, M. A study of the rate dependence of the gain of gas microstrip detectors with glass substrates in high intensity particle beams 88013
McMahon, T., Wilson, J., Jones, T., Duerdoth, L., Lumb, N., Baines, J., Botterill, D., Edgecock, R., English, R., Payne, B., Bignall, P.B., Crone, G.J., Esten, M.J. Study of some factors influencing performance of gaseous micro-strip detectors 88003
McMahon, T. *see* Bennett, M. 100535
McManamon, P.F., Watson, E.A., Dorschner, T.A., Barnes, L.J. Nonmechanical beam steering for active and passive sensors 65928
McManamon, P.F. *see* Barnard, K.J. 98084
McManamon, P.F. *see* Duncan, B.D. 58497
McManamon, P.F. *see* Watson, E.A. 94568
McManus, A. *see* Carrigan, R.A., Jr. 59039
McMaster, L. *see* Jochem, W.J. 75867
McMaster, L. *see* Kizakevich, P.N. 77013
McMaster, M.C. *see* Hsu, W.L. 54969
McMath, W.S., Yeung, S.K., Colven, M.D., Petriu, E.M., Gal, C., Thijssen, A. Tactile sensor system for object recognition 97887
McMath, W.S., Yeung, S.K., Gal, C., Petriu, E.M., Korba, L., Elgazzar, S. Multi-sensor data fusion for mobile robot position recovery 97993
McMath, W.S. *see* Yeung, S.K. 74389
McMeekin, S.G., Taylor, M.R.S., Vogele, B., Stanley, C.R., Ironside, C.N. Franz-Keldysh effect in an optical waveguide containing a resonant tunneling diode 72649
McMeeking, R.M. *see* He, M.-Y. 82198
McMichael, D.W. Decision-theoretic approach to visual inspection using neural networks 84821
McMichael, F. *see* Hendrickson, C. 90894
McMichael, G.E. *see* Sheikh, J.Y. 66822
McMichael, I.C. *see* Rosker, M.J. 83401
McMickle, C.W. *see* Radford, G.P. 85911
McMillan, D.E. *see* Ericson, M.N. 87032
McMillan, D.E. *see* Ericson, M.N. 98667
McMillan, J.C. A GPS attitude error model for Kalman filtering 65966
McMillan, J.C., Arden, D.A.G. Sensor integration options for low cost position and attitude determination 67964
McMillan, L. *see* Sumi, T. 93798
McMillan, L.D., Huffman, M., Roberts, T.L., Scott, M.C., Paz de Araujo, C.A. Deposition of $Ba_{1-x}Sr_xTiO_3$ and $SrTiO_3$ via liquid source CVD (LSCVD) for ULSI DRAMS 82149
McMillan, L.D. *see* Arita, K. 50138
McMillan, L.D. *see* Fujii, E. 61721
McMillan, L.D. *see* Hayashi, S. 70489
McMillan, L.D. *see* Melnick, B.M. 63098
McMillan, L.D. *see* Scott, J.F. 56122
McMillan, L.D. *see* Scott, J.F. 61938
McMillan, L.D. *see* Scott, J.F. 93699
MacMillen, D. Behavioural synthesis for IC design 80214
McMorrow, R.J., Upton, D.M., Maloney, P.R. The microwave Doherty amplifier 80859
MacMullan, S.Jay *see* Jay MacMullan, S.
MacMullen, S. *see* Kirk, J. 65915
McMullin, J.N. Explicit split-step propagating beam method 51197
McMullin, J.N. *see* Vermeulen, F.E. 94902
McMurray, R., Jr. *see* Lum, N. 58851
McMurray, R.E. *see* McKelvey, M.E. 58781
McMurray, R.E., Jr. Infrared detector requirements which drive cryogenic development 52852
McMurray, R.E., Jr., Hubbard, G.S., Wercinski, P.F., Keller, R.G. MeV gamma ray detection algorithms for stacked silicon detectors 59110
McMurray, R.E., Jr. *see* Hubbard, G.S. 88069
McMurray, R.E., Jr. *see* Hubbard, G.S. 98614
McMurray, T., Pearce, J.A. Theoretical and experimental comparison of the Lorenz information measure, entropy, and the mean absolute error 57816
McMurry, D. *see* Johnson, K.F. 76427
Macnab, J.A.R., McCowen, B., Towers, M.S. Near and far field modelling of P.E.C. cavity-backed apertures by a mixed finite and infinite element method 51083
McNair, B. *see* D'Angelo, D.M. 85602
MacNair, D., Berndt, M., Saab, A. The design of a precision current regulation power supply controller 100349
MacNair, D. *see* Berndt, M.M. 100313
McNally, B.D. *see* Cohen, C.E. 88656
McNally, P.J. *see* Blodgett, D.W. 63476
McNamara, D.A., Joubert, J. On the use of bivariate spline interpolation of slot data in the design of slotted waveguide arrays 51255
McNamara, D.A. *see* van Rensburg, D.J.J. 57089
McNamara, G.P., Spencer, J.L. Comparative reliability of SONET rings in feeder applications 96374
McNamara, L.F., Nightingale, M.D., Romberg, C.L. The intelligent skywave link 86044
McNamara, S., Sugrue, E. Burn-in apparatus for electronic stress screening of electronic power supplies 55123
McNamee, L.P. *see* Wang, P.-H.P. 93651
McNames, J.N. *see* Staib, W.E. 69234
McNaughtan, A., Ansell, R.O., Pugh, J.R. The measurement of microelectrode sensor characteristics using impedance spectroscopy 66277
McNaughtan, A., Ansell, R.O., Pugh, J.R. The investigation of the factors influencing the limit of detection of microelectrode chemical sensors using AC impedance spectroscopy and cyclic voltammetry 87169
MacNaughton, R. *see* Kalnitsky, A. 71269
McNaughton, T.G., Horch, K.W. Action potential classification with dual channel intrafascicular electrodes 76987
McNay, S. *see* Johnson, L. 86685
McNeal, G.D. The high frequency environment at the ROTHR Amchitka radar site 65901
MacNeal, P. *see* Mason, P. 99040
McNeese, M.D., Zaff, B.S., Brown, C.E., Citera, M. Understanding the context of multidisciplinary design: establishing ecological validity in the study of design problem solving 90902
McNeil, B.W.J., Robb, G.R.M., Phelps, A.D.R. Universally scaled cyclotron resonance maser equations 63621
McNeil, C.J. *see* Cooper, J.M. 58866
McNeil, J.R. *see* Hatab, Z.R. 80328
McNeil, J.R. *see* Murnane, M.R. 81693
McNeil, J.R. *see* Zaidi, S. 81703
McNeil, P.A., Fryer, T.D., Hawkesworth, M.R., Parker, D.J. Modelling the factors affecting image quality for the RAL-Birmingham positron camera 88406
McNeil, R. *see* Ahlen, S. 98641
McNeil, R.R., Korytov, A., Osborne, L.S. Studies of electromagnetic debris associated with a high energy muon passing through matter 87988
McNeill, C., Jr. Success story. How European innovation helped Limerick to a record refuelling outage 78327
McNelis, B. *see* Louineau, J.P. 100020
McNelly, T. *see* Lage, C. 92197
McNelly, T. *see* Pfiester, J.R. 70482
McNerney, A. *see* Sanders, R.T. 67163
McNerney, A.J. *see* Brennan, J.M. 67178
McNerney, G. Unintended stalling of the USW 56-100 during optimum pitch control operation 89765
McNett, K. *see* Whitacre, J. 100660
Macniak, E. *see* Jajszczyk, A. 85726
McNicholl, B.P. *see* Lantz, B.A. 59624
McNichols, R. *see* King, T.W. 88373
McNiff, E.J. *see* Iwasa, Y. 82442
McNulty, D.D. *see* Vernon, S.M. 54964
McNulty, L. *see* Prager, T.C. 98897
McNulty, P.J. *see* Beauvais, W.J. 70468
McNulty, P.J. *see* Chen, L. 76069
McNulty, P.J. *see* Roth, D.R. 77135
McNutt, E.L. *see* Maluf, N.I. 76881
McNutt, M.J., LeMarquis, S., Dunkley, J.L. Systematic capacitance matching errors and corrective layout procedures 56057
McNutt, P. *see* Strand, T. 90639
Macomber, H.K. *see* Hanson, R.J. 98375
McOwan, P.W. *see* Underwood, I. 56444
McPhaden, M.J. *see* Freitag, H.P. 99272
McPhaden, M.J. *see* Soreide, N.N. 99248
McPhail, S. Development of a simple navigation system for the Autosub autonomous underwater vehicle 97491
McPhedran, R.C. *see* Lo, K.M. 50487
MacPhee, A. *see* Kato, Y. 50730
MacPhee, A. *see* Murai, K. 56613
McPhee, A.G. *see* Key, M.H. 50731
McPherson, A.L. *see* Ramabadran, U.B. 83261
Macpherson, D. *see* Droste, M. 79598
McPherson, D.A. Near field angle error compensation for high precision hardware-in-the-loop RF missile seeker simulation 53579
McPherson, J. *see* Akchnrin, N. 66847
McPherson, J.W. *see* Graas, C.D. 62514
Macq, B., Sibomana, M., Coppens, A., Bol, A., Michel, C., Baker, K., Jones, B. Lossless compression for 3D PET 98825
Macq, D., Jespers, P.G.A. A 10-bit pipelined switched-current A/D converter 80402
McQuade, F., Moses, A.J., Ling, P.C.Y. Correlation of internal stress and power loss with domain motion in strip wound magnetic cores 56228
MacQuarrie, D.J., Cosby, L.R., Edley, C., Gallant, W.A. A command, control and communications interface for an environmental sampling ROV 99392
McQuate, D. Calibration of lightwave detectors to 50 GHz 76000
McQuay, W.K. *see* Boyer, R.T. 67971
Macqueen, C.N., Irving, M.R., Morrison, S.A., Sterling, M.J.H. An integrated software environment for distribution system planning 53741
Macqueen, J.F. *see* Barruncho, L.M. 59753
Macqueen, J.F. *see* Ekwue, A.O. 60283
Macqueen, J.F. *see* Esp, D.G. 60016
Macqueen, J.F. *see* Laughton, M.A. 59752
Macqueen, J.F. *see* Lo, K.L. 59734
McQuiddy, D.N., Jr. The challenge—applying high performance military MMIC fabrication processes to price driven commercial products 92595
McQuilken, M. Using micros for digital signal processing 87051
McQuiston, B.K. *see* Chaffee, J. 58511
Macrander, A.T., Blasdell, R.C. Weak polarization effects for an inclined crystal monochromator 88293
McReynolds, R.J. *see* Bousse, L. 98738
McRoberts, A.M. *see* Stone, P.J.W. 63944

McRory, J.G., Johnston, R.H. An RF amplifier for low inter-modulation distortion 80160
McShane, M. *see* Hashemi, H. 91061
McSherry, B. *see* Hademenos, G.J. 59296
McSpadden, J.O., Brown, A.M., Kai Chang, Kaya, N. A receiving rectifying antenna for the International Space Year—Microwave Energy Transmission in Space (ISY-METS) rocket experiment 95035
McSpadden, J.O., Chang, K. A dual polarized circular patch rectifying antenna at 2.45 GHz for microwave power conversion and detection 80867
Mactaggart, I.R. *see* Grider, D.E. 63024
McTiffin, M.J., Hulbert, A.P., Ketseoglou, T.J., Heimsch, W., Crisp, G. Mobile access to an ATM network using a CDMA air interface 75311
McVeigh, E.R. *see* O'Dell, W.G. 98862
McVey, B.D., Basten, M.A., Booske, J.H., Joe, J., Scharer, J.E. Analysis of rectangular waveguide-gratings for amplifier applications 70825
McVey, B.D. *see* Green, M.A. 87749
McVitie, S., Ferrier, R.P. Stray field and Lorentz image calculation of a longitudinal recording medium 50302
McVittie, J.P. *see* Chang, C.Y. 93172
McVittie, J.P. *see* Fang, S. 93692
McVittie, J.P. *see* Murakawa, S. 55811
McVittie, J.P. *see* Murakawa, S. 62488
McVittie, J.P. *see* Murakawa, S. 81511
McVittie, J.P. *see* Singh, V.K. 93195
McVittie, J.P. *see* Sychyi Fang 62478
McVittie, J.P. *see* Sychyi Fang 62489
McWaid, T. *see* Schneir, J. 86836
McWaid, T.H., Vorburger, T.V., Fu, J., Song, J.F., Whitenton, E. Methods divergence between measurements of micrometer and sub-micrometer surface features 76189
Macwan, A., Mosleh, A. A methodology for modeling operator errors of commission in probabilistic risk assessment 89448
McWhorter, L.T., Scharf, L.L. Properties of quadratic covariance bounds 95543
McWhorter, P.J. *see* Rodriguez, J.L. 66589
MacWilliams, K.P. *see* Nayak, D.K. 62740
MacWilliams, K.P. *see* Nayak, D.K. 62842
MacWilliams, K.P. *see* Song, M. 62838
MacWilliams, K.P. *see* Song, M. 93413
McWilliams, T.P. Economic, statistical, and economic-statistical $\bar{X}$ chart designs 79450
Madabhushi, R. *see* Burke, E.R. 63228
Madabhushi, S.V.R., Lakshmivarahan, S., Dhall, S.K. Analysis of a class of networks based on cubic star graphs 91681
Madan, A. Going global without leaving your office—using new WAN technologies 74919
Madan, M.L. *see* Elder, G.G. 54683
Madan, P. Concurrent engineering and its application in turnkey projects management 61006
Madan Mohan, T.R. Fault-tree analysis of technological failures 69626
Madan Mohan, T.R. *see* Akhilesh, K.B. 69494
Madangarli, V.P. *see* Gradinaru, G. 72592
Madani, K. A novel technique for performance evaluation of satellite communication adaptive digital beam forming networks 51263
Madani, K., Berechet, I. Temperature perturbation effects on image processing dedicated stochastic artificial neural networks 61844
Madani Bozorg, M.S. *see* Galagedera, S.B. 88240
Madar, R. *see* Templier, F. 48981
Madariaga, R.Martinez de *see* Martinez de Madariaga, R.
Maddali, H.K. A time-bound approach to no-clean processes 81004
Madden, C. *see* Pao, Y.C. 94302
Madden, C.J., Van Tuyl, R.L., Le, M.V., Nguyen, L.D. A 17 dB gain, 0.1-70 GHz InP HEMT amplifier IC 92629
Madden, J., Fenzi, N. HTS filters and delay lines suit EW systems 61868
Madden, J.M. Practical high temperature superconductor filters 93953
Madden, M. *see* Gramsch, E. 56542
Madden, M. *see* Gramsch, E. 82819
Madden, M. *see* Gramsch, E. 94270
Madden, M. *see* Marieb, T.N. 62535
Madden, M. *see* Szawlowski, M.J. 56537
Madden, M.C. *see* Brennan, S. 82032
Madden, N. *see* Adachi, R. 59195
Madden, N. *see* Adachi, R. 88218
Madden, N. *see* Goulding, F.S. 88065
Madden, N. *see* Goulding, F.S. 88229
Madden, N. *see* Goulding, F.S. 98619
Madden, N. *see* Goulding, F.S. 98682
Madden, N. *see* LeGros, M. 67306
Madden, N.W. *see* Rossington, C.S. 59108
Madden, R.P. *see* Vest, R.E. 88289
Madden, T.R. *see* Mackie, R.L. 88734
Maddocks, A.J. In-house testing during development—minimum requirements and diagnostic techniques [for EMC] 51130
Maddocks, A.J. Advances in design for EMC 73373
Maddocks, H. $YBa_2Cu_3O_7$ 50395
Maddocks, J. *see* Shu, Q.S. 87932
Maddocks, M.C.D., Pullen, I.R., Green, J.A., Williams, W.F. The measured performance of a VHF single-frequency network for DAB 97548
Maddux, C.D. The Internet: educational prospects-and problems 85785
Maddux, J.R. *see* Dumin, D.J. 55670
Maddux, J.R. *see* Dumin, D.J. 71262
Maddux, J.R. *see* Dumin, D.J. 82117
Madej, A.A. *see* Schnier, D. 50838
Madelon, R. *see* Rizk, R. 55540
Maden, D. *see* Abela, R. 76400
Mader, D., Woodford, D.A. Lightning surge analysis of transmission systems 53594
Mader, G., Uhlmann, F.H. Computation of 3-D capacitances of transmission line discontinuities with the boundary element method 51153
Mader, H. *see* Izzard, M.J. 70712
Mader, T. *see* Bruhs, H.-D. 57206
Madercic, M., Krzelj, K., Gaspar, L. Printed circuit board design in HWD process 62005
Madey, J.M.J. *see* Burnham, B. 76695
Madey, J.M.J. *see* Hooper, B.A. 94652
Madey, J.M.J. *see* Litvinenko, V.N. 63869
Madey, J.M.J. *see* Wu, Y. 66907
Madhavan, B. Project management for an international environment 69452
Madhavi, K. *see* Subbaiah, P.V. 51223
Madhow, U., Honig, M.L., Steiglitz, K. Optimization of wireless resources for personal communications mobility tracking 65622
Madhow, U., Pursley, M.B. Universal receivers with side information from the demodulators: an example for nonselective Rician fading channels 75184
Madhow, U., Pursley, M.B. On the design of universal receivers for nonselective Rician-fading channels 96964
Madhow, U. *see* Anantharam, V. 75216
Madhukar, A., Xie, Q., Chen, P., Konkar, A. Nature of strained InAs three-dimensional island formation and distribution on GaAs(100) 54936
Madhukar, A. *see* Ching-Mei Yang 72597
Madhukar, A. *see* Karim, Z. 56839
Madhukar, A. *see* Kaviani, K. 49990
Madhukar, A. *see* Rajkumar, K.C. 54843
Madhukumar, A.S. *see* Yegnanarayana, B. 73778
Madhusudhana Rao, D.N. *see* Ramana, K.V.V. 51101
Madhusudhana Rao, G., Reddy, K.V.V.S., Reddy, E.M.D.E.A. Waveform design of FH-BFSK communication system useful for mobile telephone subscribers 58325
Madhwapathy, S., Sherwani, N., Bhingarde, S., Panyam, A. A unified approach to multilayer over-the-cell routing 91789
Madhwapathy, S. *see* Panyam, A. 50059
Madigan, W.P. Monte Carlo simulation of pulse height spectra in nuclear logging density tools 99150
Madihian, M. *see* Desclos, L. 71924
Madio, D.P. *see* Wysong, R.E. 76954
Madisetti, A. *see* Molloy, S. 97699
Madisetti, V. *see* Khan, S. 48690
Madisetti, V.K. A fast spotlight-mode synthetic aperture radar imaging system 51656
Madisetti, V.K. *see* Curtis, B.A. 49453
Madisetti, V.K. *see* Sipitca, M. 86124
Madjar, A. Performance prediction and optimization of a coherent phase modulated low noise analog optical link operating at microwave frequencies 65842
Madjar, A., Breitbard, A., Meirav, U., Messica, A. A miniature microwave measurement fixture for operation up to 40 GHz and at temperatures approaching absolute zero 80851
Madjar, A., Musia, M. A×4 low loss microstrip 38.5 to 40 GHz subharmonic mixer 70858
Madjar, A. *see* Hilu, M. 82827
Madjar, A. *see* Paolella, A. 70906
Madlung, J. *see* Kipper, A. 76527
Madok, J.H., Haegel, N.M., Moll, A., Haller, E.E., Yu, K.M. Direct measurement of C_{As} in group III+C coimplanted GaAs 49868
Madrangeas, V., Verdeyme, S., Aubourg, M., Guillon, P. Modelling microwave boxed structures by 2D and 3D finite element method 73440
Madrangeas, V. *see* Delpino, F. 49523
Madre, J.C. *see* Coudert, O. 54603
Madre, J.C. *see* Coudert, O. 54641
Madre, J.C. *see* Coudert, O. 61021
Madrenas, J., Cabestany, J. A test structure for E-beam testing 49365
Madrenas, J. *see* Moreno, J.M. 61740
Madrenas, J. *see* Verleysen, M. 61836
Madrid, J.J.M., Corredera, J.R.C., Vela, G.DeM., Rodriguez, F.J.J. Detection of shallowly buried objects with subsurface radars 67907
Madrid, J.J.Martinez *see* Martinez Madrid, J.J.
Madruga, E.L., Tarouco, L.M.R. Fault management tools for a cooperative and decentralized network operations environment 85529
Madsen, E.L. *see* Jian-Feng Chen 77737
Madsen, H., Sejling, K., Sogaard, H.T., Palsson, O.P. On flow and supply temperature control in district heating systems 89654
Madsen, K. *see* Bandler, J.W. 49051
Madsen, K.D. *see* Blaabjerg, F. 80134
Madsen, M.M. *see* Budtz-Jorgensen, C. 88033
Madsen, S.N. *see* Dall, J. 77678
Madsen, W.B. *see* Jacobson, M.D. 99181
Madu, C.N. *see* Chu-Hua Kuei 54418
Madurasinghe, D., Anderson, W.C. Efficient technique for computing the RCS of curved surfaces at low grazing angles 86540
Madurasinghe, D., Tuck, E.O. The induced electromagnetic field associated with submerged moving bodies in an unstratified conducting fluid 59580
Madzhet sbeikh Makhamid *see* Kachan, A.D. 60096
Mae, S. *see* Fujita, S. 77528
Maeda, A., Miyashita, O., Tomita, H., Haneyoshi, T. Power flow of a three-phase diode bridge rectifier and its equivalent circuit 68881
Maeda, A. *see* Nishida, Y. 100320
Maeda, H., Irie, M., Hino, T., Kusakabe, K., Morooka, S. Diamond growth from a mixture of fluorocarbon and hydrogen in a microwave plasma 79929
Maeda, H., Masuda, S., Kusakabe, K., Morooka, S. Heteroepitaxial growth of diamond on c-BN in a microwave plasma 69930
Maeda, H., Yasumoto, K. Numerical analysis of a symmetric nonlinear directional coupler 50516
Maeda, H. *see* Asano, T. 83560
Maeda, H. *see* Asano, T. 83569
Maeda, H. *see* Fukutomi, M. 91638
Maeda, H. *see* Hirota, T. 83539
Maeda, H. *see* Inoue, K. 82501
Maeda, H. *see* Inoue, K. 94026
Maeda, H. *see* Ishii, K. 80688
Maeda, H. *see* Jae-Woong Ko 82333
Maeda, H. *see* Kawasaki, S. 66805
Maeda, H. *see* Kirimura, H. 79946
Maeda, H. *see* Kiyoshi, T. 82473
Maeda, H. *see* Kuriyama, T. 94009
Maeda, H. *see* Kuwata, M. 88238
Maeda, H. *see* Kuwata, M. 98696
Maeda, H. *see* Oshikiri, M. 82502
Maeda, H. *see* Sakai, Y. 82235
Maeda, H. *see* Shiho, M. 50886
Maeda, H. *see* Tomita, N. 82402
Maeda, H. *see* Yasumoto, K. 94159
Maeda, K., Hashi, M., Yamazaki, T., Kikkawa, H., Iimura, Y., Kobayashi, S. An optical neural computing using FLC 72505
Maeda, K., Nagano, S., Moriuma, J. Global change monitoring system using Japanese advanced Earth observing satellites and data relay satellites 77572
Maeda, K. *see* Fujino, K. 54959
Maeda, K. *see* Hisatake, K. 63195
Maeda, K. *see* Hisatake, K. 72076
Maeda, K. *see* Ikari, T. 93125
Maeda, K. *see* Nakano, K. 81629
Maeda, K. *see* Soeda, K. 61704
Maeda, K. *see* Umezu, I. 92970
Maeda, M. Distortion and CNR characteristics in FM-FDM optical CATV transmission 86751
Maeda, M., Ejiri, M. Enhancement of service-front operations: building of the service-front support system 65107
Maeda, M., Ikeda, K. Effect of added ethanol in atmospheric-pressure chemical vapor deposition reaction using tetraethoxysilane and ozone 61346
Maeda, M., Nishijima, M., Takehara, H., Adachi, C., Fujimoto, H., Ishikawa, O. A 3.5 V, 1.3 W GaAs power multi-chip IC for cellular phones 97066
Maeda, M. *see* Chinone, N. 74948
Maeda, M. *see* Maenaka, K. 52828
Maeda, M. *see* Nishimaki, K. 88148
Maeda, M. *see* Okada, T. 64045
Maeda, M. *see* Sugino, T. 48931
Maeda, M. *see* Takasu, H. 80852
Maeda, M. *see* Uchiumi, M. 88786
Maeda, M. *see* Yamasaki, T. 52750
Maeda, N., Esumi, S., Nishimura, S., Sakaguchi, A., Sugitate, T., Sumi, Y., Nishiyama, F. A Cherenkov beam counter far ultra-relativistic heavy-ion experiments 67351
Maeda, N. *see* Ito, S. 88004
Maeda, N. *see* Murakawa, T. 89636
Maeda, S., Maegawa, S., Ipposhi, T., Nishimura, H., Ichiki, T., Mitsuhashi, J., Ashida, M., Muragishi, T., Nishimura, T. Negative bias temperature instability in poly-Si TFTs 71691
Maeda, S., Maegawa, S., Ipposhi, T., Nishimura, H., Kuriyama, H., Tanina, O., Inoue, Y., Nishimura, H., Tsubouchi, N. A Vertical Φ-shape Transistor (VΦT) cell for 1 Gbit DRAM and beyond 70484
Maeda, S. *see* Komori, J. 49724
Maeda, S. *see* Maegawa, S. 92819
Maeda, S. *see* Sakamoto, O. 70509
Maeda, T. Multimedia in offices 51927
Maeda, T., Akagi, K., Mohri, K., Uchiyama, T. Analysis of magnetostrictive torque sensor using two-core multivibrator bridge circuit 87159
Maeda, T., Fujita, H. Characteristics of linear actuator with semiclosed magnetic circuit excited by discharge current of capacitor 78770
Maeda, T., Ohnishi, T., Suzuki, T. Studies about dynamic voltage stability of power systems based on fundamental experiments 99457
Maeda, T., Toda, T., Ide, H., Kirino, F., Mita, S., Shigematu, K. Write control method for high density magneto-optical disk system 50607
Maeda, T. *see* Amano, H. 60936

Maeda, T. *see* Enokizono, M. 61435
Maeda, T. *see* Hara, Y. 64236
Maeda, T. *see* Hida, H. 63026
Maeda, T. *see* Honma, F. 61243
Maeda, T. *see* Inagaki, K. 60607
Maeda, T. *see* Matsuda, T. 89356
Maeda, T. *see* Matsuda, T. 89377
Maeda, T. *see* Matsuda, T. 89378
Maeda, T. *see* Ohba, R. 86997
Maeda, T. *see* Ozaki, S. 70623
Maeda, T. *see* Shigematsu, K. 82753
Maeda, T. *see* Sugimitsu, T. 67251
Maeda, T. *see* Yamakoshi, H. 77509
Maeda, T. *see* Yanagihashi, K. 89381
Maeda, T. *see* Yanagihashi, K. 89399
Maeda, Y. Optical signal inverter effects in erbium-yttrium aluminum garnets 63929
Maeda, Y. Bistable optical devices with laser diodes coupled to absorbers of narrow spectral bandwidth 63992
Maeda, Y. Optical signal inverter of erbium-doped yttrium aluminum garnet with red shift of laser diodes 82766
Maeda, Y., Migitaka, M. Bistable optical devices using laser diodes coupled to interference filters 83333
Maeda, Y., Takei, K., Rogers, D.J. Compositional microstructures in Co-Cr films for magnetic recording 72089
Maeda, Y. *see* Murakawa, K. 94861
Maeda, Y. *see* Rogers, D.J. 71998
Maeder, A.J., Bell, D.M. Parallel region-based progressive image compression 74261
Maeder, P.F. *see* Nikitopoulos, D.E. 53083
Maegawa, S., Ipposhi, T., Maeda, S., Nishimura, H., Ichiki, T., Ashida, M., Tanina, O., Inoue, Y., Nishimura, T., Tsubouchi, N. Performance and reliability improvement in poly-Si TFTs by fluorine implantation 92819
Maegawa, S. *see* Maeda, S. 70484
Maegawa, S. *see* Maeda, S. 71691
Maegawa, S. *see* Sakamoto, O. 70509
Maeguchi, K. *see* Demura, T. 92280
Maeguchi, K. *see* Matsuoka, F. 50006
Maehara, E., Shimizu, H., Ohkawa, K., Sugai, K., Ohsaki, H. Intelligent power IC incorporated active converter/inverter in one unit 60365
Maehara, K. *see* Fujita, S. 69966
Maehara, K. *see* Fujita, S. 70017
Maehara, M. *see* Tanaka, Y. 88627
Maehara, Y. *see* Uehara, M. 50183
Maehashi, Y. *see* Sasaki, H. 78974
Maehata, K. *see* Koga, S. 93964
Maehata, K. *see* Wakuta, Y. 53270
Maehlum, H.S. *see* Grini, P.G. 98372
Maejima, Y. *see* Nishimura, T.H. 88558
Maekawa, E. *see* Takigawa, Y. 75081
Maekawa, H., Masui, T., Inujima, H., Miyamoto, N. Partial discharge locating system for GIS 60373
Maekawa, H., Tanie, K., Kaneko, M., Suzuki, N., Horiguchi, C., Sugawara, T. Development of a finger-shaped tactile sensor using a hemispherical optical waveguide 75991
Maekawa, H. *see* Kanai, Y. 98123
Maekawa, H. *see* Miyamoto, T. 83049
Maekawa, H. *see* Mukaihara, T. 94444
Maekawa, T., Miyazaki, T., Yamamoto, E., Tsutsumi, T., Nakamura, S., Yamamaka, E., Yoshida, M. High-performance RISC processor V_R 4400 61756
Maekawa, Y., Fukao, S., Sonoio, Y., Masukura, K. Dual polarization radar observations of ice particles in wintertime thunderclouds related to lightning locations 77401
Maekawa, Y., Fukao, S., Yamamoto, M., Manabu, Yamanaka, D., Tsuda, T., Kato, S., Woodman, R.F. Upper stratospheric vertical wind observations using high-power VHF radar technique 77390
Maekawa, Y., Nion Sock Chang, Miyazaki, A. Cross-polarization discrimination measurements on satellite-to-ground path using CS-3 beacon signal 75367
Maekawa, Y., Yamaguchi, A., Sekii, Y., Hara, M., Marumo, M. Development of DC XLPE cable for extra-high voltage use 68251
Maekawa, Y. *see* Kitamura, T. 63051
Maekawara, M. *see* Hu, S. 69096
Maemoto, T., Yoh, K., Inoue, M. Fabrication and characterization of superconducting weak links with InAs-AlGaSb heterostructure 82365
Maemura, K. *see* Saitoh, Y. 59075
Maenaka, K., Maeda, M. Interface electronics for integrated magnetic sensors 52828
Maenaka, K., Shiozawa, T. A study of silicon angular rate sensors using anisotropic etching technology 66239
Maeno, H. *see* Nagata, H. 58561
Maeno, H. *see* Sanada, K. 55192
Maeno, H. *see* Sanada, K. 92214
Maeno, S. *see* Ohara, Y. 53179
Maeno, T., Akiba, M., Hiromoto, N., Takada, T. Two-dimensional lock-in amplifier systems for microscopic imaging 98120
Maeno, T. *see* Kawasaki, T. 82713
Maergoiz, I.I. *see* Bykov, K.I. 78362
Maes, G. *see* Lenaerts, S. 66540
Maes, H. *see* Bosisio, L. 59074
Maes, H. *see* Dierickx, B. 67378
Maes, H.E. *see* Bellens, R. 50005
Maes, H.E. *see* Bellens, R. 81906
Maes, H.E. *see* Degraeve, R. 62771
Maes, H.E. *see* Janssens, K.G.F. 81408
Maes, H.E. *see* Van Houdt, J. 80326
Maes, H.E. *see* Verhaege, K. 82011
Maes, P. *see* Darrell, T. 64893
Maestri, R. *see* Pinna, G.D. 59391
Maex, K. *see* Byung Jin Cho 81401
Maex, K. *see* Tavares, J. 81353
Maex, K. *see* Verhaverbeke, S. 62494
Maeyama, H. *see* Kawaguchi, S. 79033
Maeyama, S. *see* Sugiyama, M. 81503
Maezawa, K., Akeyoshi, T., Mizutani, T. Flexible and reduced-complexity logic circuits implemented with resonant tunneling transistors 92073
Maezawa, K. *see* Chen, K.J. 92083
Maezawa, M. *see* Aoyagi, M. 80281
Maffi, S. *see* Pandey, R.K. 48963
Maffioli, F. *see* Galbiati, G. 69847
Maffray, F., Preissmann, M. Perfect graphs with no P_5 and no K_5 79615
Maftoul, J. *see* Flevet, C. 90277
Magafas, L. *see* Georgoulas, N. 62250
Magalhaes, M.N. *see* Daigle, J.N. 51801
Magalhaes, S.D.de *see* de Magalhaes, S.D.
Magana, A. *see* Yamakawa, K. 50752
Magari, K., Okamoto, M., Suzuki, Y., Sato, K., Noguchi, Y., Mikami, O. Polarization-insensitive optical amplifier with tensile-strained-barrier MQW structure 63796
Magda, E.P. *see* Bochkov, A.V. 56623
Magdeyev, Sh.N. *see* Kolmakov, A.A. 87940
Magdic, M. Social benefit-cost analysis of electric power stations 78267
Mage, J.C., Marcilhac, B., Gerbaux, X., Hadni, A. Microwaves properties of MgO single crystals computed from the IR, and measured with a resonator technique 82099
Mage, J.C., Marcilhac, B., Mercandalli, M., Lemaitre, Y., Barrau, S., Dessertenne, B., Mansart, D., Castera, J.P., Hartemann, P. Advances in the application of high T_c superconductors to microwave devices for analog signal processing 82321
Magedanz, T. TMN-based management of intelligent networks—medium-term and long-term perspectives 96856
Magedanz, T., Tschichholz, M. The use of directory and traders to support a TMN-based interdomain management in global IN environments 96846
Magedanz, T. *see* Beires, N. 96504
Magedanz, T. *see* Tschammer, V. 85640
Magee, C. *see* Shyh-Horng Yang 81440
Magee, C.W. *see* Matutinovic-Krstelj, Z. 93340
Magee, M., Weniger, R., Franke, E.A. Location of features of known height in the presence of reflective and refractive noise using a stereoscopic light-striping approach 57640
Mageed, M.F.Abdel *see* Abdel Mageed, M.F.
Magele, C., Preis, K., Paul, C., Friedrich, M. Optimisation of electromagnetic devices 51041
Magele, C.A. *see* Renhart, W. 88566
Mager, K. Use of neural nets for the reconstruction of distorted digital signals 87061
Mager, K.R. Equalizer adaptation with a geometrical criterion and fuzzy logic 82281
Magerko, M.A., Fan, L., Chang, K. Configuration considerations for multi-layered packaged conductor-backed coplanar waveguide MICs 80860
Maggi, B. *see* Aulchenko, V.M. 67341
Maggi, B. *see* Cantoni, P. 53306
Maggi, M. *see* Dobrowolny, M. 88635
Maggi, R. *see* Policroniades, R. 67399
Maggi, S., Menichetti, E., Rinaudo, G., Vanolo, M. Test of a Nb thin film superconducting detector 59066
Maggi, W., Polese, P., Vandenameele, J. Integrated broadband communications: optical technologies and structure of the network 51909
Maggio, G. *see* Fragola, J.R. 59527
Maggio, G. *see* Saiti, P. 60425
Maggioni, G. *see* Bouclier, R. 88109
Maggioni, G. *see* Bouclier, R. 98617
Maggs, B.M. *see* Cox, I.J. 84666
Maggs, B.M. *see* Leighton, F.T. 69710
Maghenzani, R. *see* Molinar, G.F. 66752
Magidor, M. *see* Abraham, U. 74701
Magill, D.T., Natali, F.D., Edwards, G.P. Spread-spectrum technology for commercial applications 52322
Magill, E.H. *see* Muller, C. 96463
Magill, P. *see* Feldman, M.R. 79321
Magill, P. *see* Feldman, M.R. 82850
Magill, P. *see* Markus, K. 93213
Magill, P. *see* Tsang, W.T. 72855
Maginot, S. *see* O'Brien, K. 95101
Magis, M. *see* Pribat, D. 58930
Magistris, M.de *see* de Magistris, M.
Maglara, A. *see* Kotropoulos, C. 84947
Maglaris, B. *see* Dimitrijevic, D.D. 85358
Magli, S. *see* Vayrier, J. 98012
Magliveras, S.S. *see* Memon, N.D. 51717
Magliveras, S.S. *see* Memon, N.D. 77696
Magnago, F. *see* Reineri, C.A. 90264
Magnani, A. *see* Cantoni, P. 53306
Magnanti, T.L. *see* Balakrishnan, A. 79571
Magne, L. *see* Ancelin, C. 68377
Magne, R. *see* Bate, J.-M. 82488
Magne, S., Druetta, M., Goure, J.P., Thevenin, J.C., Ferdinand, P., Monnom, G. An ytterbium-doped monomode fiber laser: amplified spontaneous emission, modeling of the gain and tunability in an external cavity 72732
Magnea, N. *see* Baron, T. 81420
Magnea, N. *see* Bassani, F. 62254
Magni, R., Giunti, S., Bianchi, A., Reni, G., Bandello, F., Durante, A., Cerutti, S., Brancato, R. Single-sweep analysis using an autoregressive with exogenous input (ARX) model 88492
Magni, V. *see* Cerullo, G. 63953
Magni, V. *see* Cerullo, G. 72746
Magni, V. *see* Danailov, M.B. 63714
Magni, V. *see* De Silvestri, S. 72966
Magni, V. *see* Fantini, V. 72957
Magnin, H. *see* Reyne, C. 90056
Magnin, I.E. *see* Corneloup, G. 70214
Magnitskii, S.A. *see* Belyaev, V.S. 94405
Magnuson, D.C., Gibbard, H.F. Status and prospects of metal hydrides for nickel-metal hydride secondary batteries 90368
Magnuson, P.H. Advanced composites—the enabling technology for electric vehicles 61426
Magnusson, M. Still picture telephony for people with aphasia 53470
Magnusson, M. Still-picture telephony for an aphasic user 98977
Magnusson, M., Danielsson, P.-E., Edholm, P. Artefacts and remedies in direct Fourier tomographic reconstruction 59314
Magnusson, M., Edholm, P. The linogram method for image reconstruction from projections applied to fan-beam projection data 59333
Magnusson, R., Wang, S.S. Optical waveguide-grating filters 72406
Magnusson, R., Wang, S.S., Black, T.D., Sohn, A. Resonance properties of dielectric waveguide gratings: theory and experiments at 4-18 GHz 55365
Magnusson, R. *see* Goldsmith, C.L. 82726
Magnusson, R. *see* Wang, S.S. 63540
Magnusson, U. *see* Martino, J.A. 49979
Magnusson, U. *see* Simoen, E. 50000
Magnusson, U. *see* Simoen, E. 71773
Magomedov, M.A. *see* Konstantinova, N.N. 55615
Magori, V. Ultrasonic sensors: from research to applications 53561
Magori, V. *see* Heide, P. 87168
Magori, V. *see* von Jena, A. 66175
Magotra, N., Livingston, F., Rajagopalan, S. Single channel speech enhancement in real time 98954
Magruder, R.H., III *see* Haglund, R.F., Jr. 72363
Magrupov, M.A., Umarov, A.V., Khamidov, Sh.R., Makhmudov, R.Kh. On the interaction between glass-bonding and a current-conducting phase in resistive compositions 80893
Maguire, G.Q. *see* Klemets, A. 97111
Maguire, J. *see* Hale, J.R. 83558
Maguire, J. *see* Ruddy, V. 66374
Maguire, R.P. *see* Townsend, D.W. 98819
Magunov, A.N. Measurement of the bulk heating rate of metallic thin films on silicon in an rf discharge plasma 55791
Magvas, J. *see* Ross, M. 81680
Magyar, M. Do-it-yourself style guides for all occasions 90802
Magyar, M. Quality documentation—ISO 9000 as a process model 90859
Magyary, S. Anatomy of a control system; a system designer's view [Advanced Light Source] 76352
Mah Jae Pyung *see* Jae Pyung Mah
Mahabala, H.N., Arun Kumar, A.T., Kurup, R.R., Ravi Prakash, G. Fault diagnosis of machines 75844
Mahaffey, J. *see* McGehee, J. 62918
Mahafzah, M.H. A fault-tolerant multi-access communication channel 51838
Mahajan, R.L. *see* Li, Y. 62008
Mahajan, R.L. *see* Xie, H. 61371
Mahajan, S., Peters, J.G. Regularity and locality in k-terminal graphs 91256
Mahajan, S. *see* Philips, B.A. 61299
Mahajan, V., Sharma, S., Buzzell, R.D. Assessing the impact of competitive entry on market expansion and incumbent sales 60811
Mahajan, V.C. *see* Patil, M.G. 71127
Mahalanobis, A., Carlson, D.W., Vijaya Kumar, B.V.K., Sims, S.R.F. Distance classifier correlation filters 74359
Mahalanobis, A., Forman, A.V., Jr., Day, N., Bower, M., Cherry, R. Multi-class SAR ATR using shift-invariant correlation filters 51677
Mahalanobis, A., Singh, H. Application of correlation filters for texture recognition 51546
Mahalanobis, A., Vijaya Kumar, B.V.K., Sewoong Song, Sims, S.R.F., Epperson, J.F. Unconstrained correlation filters 64850
Mahalanobis, A., Vijaya Kumar, B.V.K., Sims, S.R.F. Distance classifier correlation filters for distortion tolerance, discrimination and clutter rejection 51647
Mahalanobis, A. *see* Mahalanobis, P. 95980
Mahalanobis, A. *see* Vijaya Kumar, B.V.K. 94236

Mahalanobis, P., Mahalanobis, A. Statistical inference for automatic target recognition systems 95980
Mahale, N., Yan, Y.T., Ellison, J. Bunch coalescing studies for the SSC 66967
Mahale, N. *see* Garavaglia, T. 87837
Mahale, N.K. *see* Goren, Y. 67090
Mahalingam, M., Lee, K., De Ji, Hanson, D.M. High-resolution and high-sensitivity instrumentation for detection of visible-ultraviolet luminescence from products of core-hole decay 87187
Mahalingam, M. *see* Lee, T. 91017
Mahalingam, M. *see* Siew-Wei Chin 54536
Mahan, A.H. *see* Iwaniczko, E. 90443
Mahan, G.D., Lyon, H.B., Jr. Thermoelectric devices using semiconductor quantum wells 81271
Mahan, G.D. *see* Sofo, J.O. 81221
Mahan, J.E. *see* Vantomme, A. 48945
Mahan, S.T. *see* Rodda, W.J. 78972
Mahaney, M. *see* Villacourt, M. 81691
Mahant, A.K., Rao, P.S., Misra, S.C. Composite space charge density functions for the calculation of gamma sensitivity of self-powered neutron detectors, using Warren's model 67359
Mahant-Shetti, S.S. *see* Fattaruso, J. 70774
Mahant-Shetti, S.S. *see* Fattaruso, J.W. 49575
Mahant-Shetti, S.S. *see* Fattaruso, J.W. 70776
Mahant-Shetti, S.S. *see* Landers, R.J. 70429
Mahanta, A., Sharma, R.K. A linear systolic array using DSP microprocessors 70686
Mahapatra, P.R., Zrnic, D.S. Remote sensing of weather for aviation management 77370
Mahapatra, P.R. *see* Jha, R.H. 73319
Maharana, P.K. *see* Goel, P.S. 77189
Mahdavi, J., Roudet, J., Scheich, R., Rognon, J.P. Conducted RFI emission from an AC-DC converter with sinusoidal line current 68769
Mahdavian, S.M.R., Bovopoulos, A.D. Effective loss of multiplexed ATM cell streams 64933
Mahdi, K. *see* Kjurkchiev, N. 79682
Mahdi, S. *see* Sohrabi, M. 88079
Mahdjoubi, L. *see* Agli, N. 81259
Maher, D.M. *see* Sanganeria, M.K. 93243
Maher, G.H., Prokopowicz, T.I., Bheemineni, V. High volumetric capacitance low fired X7R MLC capacitor 92646
Maher, R.C. A method for extrapolation of missing digital audio data 64421
Maheshwar, T.M., Geier, J.T., Moore, B. Network resource planning and management: 1990's 96646
Maheshwari, K.P. *see* Konar, S. 57074
Maheswar, M.V.R. *see* Sharma, O.P. 91201
Mahey, P. *see* Chifflet, J. 96145
Mahfoud, S.W. Finite Markov chain models of an alternative selection strategy for the genetic algorithm 54715
Mahfoudi, R. *see* Kamwa, I. 60187
Mahgerefteh, D. *see* Ching-Mei Yang 72597
Mahgoub, O. *see* Bayoumy, M. 100025
Mahidhara, R.K., Sastry, S.M.L., Turlik, I., Murty, K.L. Deformation and fracture behavior of Sn-5%Sb solder 79979
Mahieux, Y., Petit, J.P. High-quality audio transform coding at 64 kbps 95595
Mahin, S. *see* Bechade, R. 92285
Mahl, A. *see* Vogel, A. 66253
Mahlendorf, F. *see* Ledjeff, K. 54148
Mahlmann, K.H. *see* Feick, H. 98611
Mahlmann, K.H. *see* Schulz, T. 88105
Mahlum, D. *see* Maung, S. 60912
Mahmood, A. *see* Baker, W.I. 91802
Mahmood, F.S. *see* Gould, R.D. 70934
Mahmood, M. *see* Ginetti, A. 55283
Mahmoud, I.I., Asakura, K., Nishibu, T., Ohtsuki, T. Experimental appraisal of linear and quadratic objective functions effect on force directed method for analog placement 62940
Mahmoud, M.S. *see* Safar, Y.A. 68625
Mahmoud, S.A. Arabic character recognition using Fourier descriptors and character contour encoding 57875
Mahmoud, S.A., Hamed, A.E., El-Kier, A.A.A., Mousse, M.G., Kassem, M.E., El-Shafey, E.M. Effect of radiation on the electrical properties of plastic detector CR-39 98655
Mahmoud, S.A. *see* Anand, K. 96129
Mahmoud, S.A. *see* Ashour, A. 71121
Mahmoud, S.A. *see* Despins, C.L. 52416
Mahmoud, S.A. *see* Dong, L. 85855
Mahmoud, S.A. *see* Kaye, A.R. 85873
Mahmoud, S.A. *see* Omundsen, D.S. 75085
Mahmud, R. *see* Kuelz, K.W. 77040
Mahn, J., Haberle, J., Kopp, S., Schwegler, T. HP-PAC: a new chassis and housing concept for electronic equipment 79331
Mahn, U., Oeding, D., Werth, L. Repercussion of single-phase traction loads to three-phase systems 78904
Mahnkopf, R. *see* Bertagnolli, E. 71612
Mahnkopf, R. *see* Kerber, M. 63037
Mahnkopf, R. *see* Wurzer, H. 49965
Mahnss, J. *see* Fricke, A. 71210
Mahon, C.J. *see* Barron, C.C. 97999
Mahon, C.J. *see* Lee, S.-L. 63483
Mahon, C.J. *see* Scott, J.W. 83143
Mahon, R. *see* Moon, J.A. 84625
Mahoney, A.R., Cannon, J.E., Woodworth, J.R. Accelerated UV-aging of acrylic materials used in PV concentrator systems 100723
Mahoney, D.D. *see* Chung-En Zah 72838
Mahoney, D.D. *see* Zah, C.E. 97283
Mahoney, D.T., Jr., Boccieri, S.V., Jr. Involving construction in the preliminary engineering process 89501
Mahoney, J., Bessey, R. Building successful distance learning networks 96388
Mahoney, J.F., Capehart, B.L. Strategies for electric utility bill reduction when alternative rate structures apply 77899
Mahoney, K.L. *see* Hofler, A.S. 76486
Mahoney, R. *see* Vermillion, C. 77644
Mahony, J.D. *see* Schrank, H. 94988
Mahout, G. *see* Gingrich, D. 53291
Mahr, U. Analysis of slot-coupled planar radiator elements for circular polarisation 57305
Mahrane, A. *see* Najmi, A. 60590
Mahring, M. Business process development projects: the role of the top manager 90842
Mahrt, R.F. *see* Vestweber, H. 72636
Mahseredjian, J. *see* Jiming Lin 89907
Mahseredjian, J. *see* Lefebvre, S. 77991
Mahseredjian, J. *see* Sana, A.-R. 90118
Mahulikar, D., Pasqualoni, A., Crane, J., Braden, J. Development of a cost effective high performance metal QFP packaging system 91028
Mahvan, N., Ziera, E., Eltoukhy, A. Oxidation of seed-layer for improved magnetic and recording performance of thin-film rigid discs 50293
Mai Zhihong *see* Hao Jianhua 98003
Maia, M.Pommot *see* Pommot Maia, M.
Maidment, A.D.A., Yaffe, M.J. Analysis of the spatial-frequency-dependent DQE of optically coupled digital mammography detectors 67518
Maiello, G. *see* Lazarouk, S. 81552
Maier, B. Status of the HEIDELBERG-MOSCOW $\beta\beta$ experiment with ^{76}Ge 59158
Maier, G. *see* Eingartner, M. 78516
Maier, K. *see* Aspacher, B. 53358
Maier, K. *see* Munch, K.-H. 76851
Maier, M. *see* Goulding, F.S. 88065
Maier, M. *see* Goulding, F.S. 88229
Maier, M. *see* Goulding, F.S. 98619
Maier, M. *see* Goulding, F.S. 98682
Maier, M. *see* Pfluger, T. 51873
Maier, M.R. *see* Ciric, M. 59198
Maier, M.R. *see* Friese, J. 87970
Maier, M.R. *see* Turko, B.T. 61776
Maier, M.W. *see* Brooks, J.W. 75536
Maier, T. *see* Scherschel, M. 67289
Maier Zenya, V.Ya., Tkach, A.N. Determining the contribution of consumers to power quality indicators at the point of connection to power systems 77864
Maifeld, T.T. *see* Sheble, G.B. 99420
Maifret, R. *see* Balmat, J. 49595
Maijian Qian *see* O'Sullivan, F. 64777
Mailaender, L., Iltis, R.A. Importance sampling simulation of a symbol-by-symbol multiuser detector 95624
Mailaender, L. *see* Iltis, R.A. 74150
Maile, B.E. *see* Dickmann, J. 56034
Mailhot, G. *see* Manivannan, G. 56999
Mailhot, G. *see* Manivannan, G. 83389
Mailhot, I. *see* Krishnamoorthy, S. 91996
Mailhot, J. *see* Petajan, E. 66040
Mailhot, R. *see* Marceau, R.J. 53652
Mailhot, R. *see* Marceau, R.J. 77949
Mailhot, S., Champagne, Y., Doyon, B., McCarthy, N. Lateral-mode analysis of a broad-area laser operated with an external cavity 56772
Mailhot, S., Gay, D., McCarthy, N. Noise reduction in mode-locked lasers with a phase conjugate feedback 56830
Mailis, S., Boutsikaris, L., Vainos, N.A. Multiplexed static and dynamic photorefraction in $Bi_{12}SiO_{20}$ crystals at 780 nm 94680
Maillard, J.J. *see* Stappers, V. 52542
Maillard, J.J. *see* Stappers, V. 82603
Maillard, J.P., Fuller, C.R. Advanced time domain wave-number sensing for structural acoustic systems. II. Active radiation control of a simply supported beam 66780
Maillard, P. *see* Badin, F. 54200
Maillot, C., Blanchard, N., Valet, T., Lehureau, J.C. High track density magneto-optical readout of magnetic tapes 72497
Maillot, D., Olnes, J., Spilling, P. IN service security and service management security and their relationships: Using UPT as a case study 96864
Maillot, P. *see* El-Kareh, B. 62969
Maillotte, H., Monneret, J., Barthelemy, A., Froehly, C. Laser beam self-splitting into solitons by optical Kerr nonlinearity 63986
Maillotte, H., Monneret, J., Froehly, C. Self-induced multiple soliton-like beams by stimulated scattering 63987
Maillotte, H. *see* Gindre, D. 94620
Mailloux, G.E., Noumeir, R., Lemieux, R. Deriving the multiplicative algebraic reconstruction algorithm (MART) by the method of convex projection (POCS) 88456
Mailloux, G.E. *see* Noumeir, R. 88457
Maimistov, A.I. Theory of compression of optical pulses in a nonlinear fibre waveguide 56354
Maimistov, A.I. Propagation of an ultrashort light pulse in the region of zero second-order dispersion of group velocities 94074
Maimon, S., Schacham, S.E. Photoresponse of semiconductor on semi-insulator structure 62239
Main, J.A., Garcia, E., Howard, D. Optimal placement and sizing of paired piezoactuators in beams and plates 93779
Main, P.C. *see* Fromhold, T.M. 62670
Main, P.C. *see* Fromhold, T.M. 81796
Main, P.C. *see* Geim, A.K. 93518
Main, P.C. *see* Sakai, J.W. 55867
Main, P.C. *see* Wang, J. 71590
Main, P.C. *see* Wang, J. 81782
Main, W., Carmel, Y., Ogura, K., Weaver, J., Watanabe, S. Cold test measurements of a BWO slow-wave structure 70867
Maines, J. *see* Xu, S. 87891
Mainguet, B. *see* Herve, D. 56395
Maini, H., Mehrotra, K., Mohan, C., Ranka, S. Knowledge-based nonuniform crossover 95155
Maini, M., Bertotti, L., Bossi, C., Cuniolo, S., Piazzini, G., Poli, A. Roipes: robot for in service inspection of a thermoelectrical power plant electrostatic precipitators 90877
Maini, M. *see* Cuniolo, S. 78295
Mainkar, N. *see* Zhe Qu 88290
Mainprize, J.G. *see* Fahrig, R. 88419
Mains, R.E., Mosher, T.A., van Ginneken, L.P.P.P., Damiano, R.F. Timing verification and optimization for the PowerPC processor family 92262
Mains, R.K. *see* Chien-Chung Chen 61933
Mainsah, E., Stout, K.J. The design and implementation of a vendor rating model for quality control 79443
Mainville, J., Rofffon, P., Rillin, L.P., Hinrichsen, V. Pressure relief tests on varistors for the series compensation banks installed at the Montagnais substation 68911
Mainz, B. *see* Floter, A. 79859
Mainz, B. *see* Ullmann, J. 71077
Maio, A. *see* Ariztizabal, F. 98518
Maio, I., Pignari, S., Canavero, F. Influence of the line characterization on the transient analysis of nonlinearly loaded lossy transmission lines 51151
Maiorov, M.M. *see* Blums, E. 50241
Maiorov, V. Linear widths of function spaces equipped with the Gaussian measure 54746
Maiorskii, E.V. *see* Msaileb, A.T. 99936
Mair, G.L.R. Advances in liquid metal ion sources modelling: the analytical approach 76719
Maischak, D., Nemeth Csoka, M. Fast torque control in the whole speed range of an extremely utilized three-phase AC drive 69063
Maish, A.B. Progress in the Concentrator Initiative Program 100720
Maisheev, V.A. *see* Asseev, A.A. 66932
Maisheev, V.A. *see* Asseev, A.A. 66935
Maison, B. *see* Delogne, P. 84762
Maison, B. *see* Vandendorpe, L. 74314
Maisongrande, P. *see* Cabot, F. 77222
Maissen, C. *see* Zogg, H. 58830
Maissen, C. *see* Zogg, H. 61259
Maistrenko, V., Maistrenko, Y., Sushico, I. Noninvertible two-dimensional maps arising in radiophysics 61588
Maistrenko, Y. *see* Maistrenko, V. 61588
Maiti, B. *see* Okada, Y. 71667
Maiti, B. *see* Okada, Y. 81495
Maiti, C.K. *see* Chakrabarti, S. 82293
Maiti, C.K. *see* Mukhopadhyay, M. 81367
Maiti, C.K. *see* Ray, S.K. 71261
Maiti Bikas *see* Bikas Maiti
Maitland, A. *see* Jones, D.R. 49174
Maitland, A. *see* Jones, D.R. 82906
Maitland, A. *see* Jones, D.R. 94327
Maitra, P. *see* Sen, A. 52177
Maitre, H. *see* Bloch, I. 48792
Maitre, H. *see* Bloch, I. 57758
Maitre, H. *see* Dang, T. 57820
Maitre, H. *see* Lutton, E. 51602
Maitre, L. *see* Polignano, M.L. 55542
Maitre, X. *see* Kung, R. 96847
Maity, A.B. *see* Pal, R. 61368
Maiwa, H., Ichinose, N., Okazaki, K. Preparation and properties of Ru and RuO_2 thin film electrodes for ferroelectric thin films 91572
Maiwa, H., Ichinose, N., Okazaki, K. Fatigue and refreshment of $(Pb,La)TiO_3$ thin films by multiple cathode sputtering 93714
Maiwa, H. *see* Hayashi, T. 93718
Maiwald, D., Sidorovitch, D.V., Bohme, J.F. Broadband maximum likelihood wave parameter estimation using polarization sensitive arrays 84460
Majed, A.-M., Green, T.C., Williams, B.W. Dynamic properties of a step-down sinusoidal current AC/DC converter under state-feedback control 54081
Majeed, A., Ahmad, S.M., Durrani, S.A. Neutron spectrum measurements using electrochemically etched CR-39-spectrum unfolding 88178
Majeed, A., Humayun, F., Ahmad, S.M., Durrani, S.A. A simple technique to discriminate various charged particles using SSNTDs 88179
Majeed, A. *see* Arent, D.J. 56524
Majer, E.L. *see* Yedlin, M.J. 95606

Majeti, V.C., Prasad, R.A. Advanced intelligent network directions 85942
Majewski, A. *see* Krasinski, Z. 50475
Majewski, P., Hettich, B., Elschner, S., Aldinger, F. Increased pinning in "$Bi_2Sr_2CaCu_2O_8$" ceramics 63269
Majewski, P.P. *see* Oberg, D.L. 70580
Majewski, S., Gerbi, J., Kross, B., Weisenberger, A., Baker, K. Second coordinate readout in resistive straw drift tubes 88005
Majewski, S. *see* Pourang, R. 55527
Majewski, S. *see* Weisenberger, A.G. 59136
Majewski, S. *see* Weisenberger, A.G. 81158
Majewski, S. *see* Weisenberger, A.G. 98631
Majewski, S. *see* Wojcik, R. 59086
Majewski, S. *see* Zorn, C. 88099
Maji, A.K., Satpathi, D., Zawaydeh, S. Electronic shearography for inspecting steel bridges: a feasibility study 73159
Majid, W.H.Abd *see* Abd Majid, W.H.
Majidi-Ahy, R., Hill, H., Zdasiuk, G., Zander, A., Bandy, S. Real-time multirate FIR digital filters in RF transient spectroscopy applications and their implementation on TMS320-C30 80361
Majima, T. *see* Mizuno, H. 66826
Majima, T. *see* Ozawa, K. 55946
Majithia, J.C. *see* Jiang, H. 80285
Majkova, E. *see* Luches, A. 62502
Majkusiak, B. *see* Janik, T. 62766
Majni, G. *see* Luches, A. 62502
Majni, G. *see* Mihailescu, I.N. 93189
Major, A., Szabo Istvan, C. A timely computer software for personal dosimetry 67643
Major, J. *see* Munch, K.-H. 76851
Major, J.M. *see* Grimes, M.D. 97416
Major, J.M. *see* Grimes, M.D. 97417
Major, J.S., Jr. *see* Kish, F.A. 94290
Major, J.S., Jr. *see* Mehuys, D.G. 72796
Major, J.S., Jr. *see* Osinski, J.S. 83085
Major, J.S., Jr. *see* Plano, W.E. 50854
Major, J.V. *see* Love, G.D. 72476
Major, L. *see* Kushawaha, V. 63725
Major, L. *see* Kushawaha, V. 94415
Majorana, E. *see* Cinquegrana, C. 97970
Majors, M., Stori, J., Dong-il Cho Neural network control of automotive fuel-injection systems 69166
Majumdar, A. WRAPTure: a tool for evaluation and optimization of weights for weighted random pattern testing 92048
Majumdar, A., Vrudhula, S.B.K. Techniques for estimating test length under random test 80294
Majumdar, A.A.K. A note on the iterative algorithm for the Reve's puzzle 91212
Majumdar, A.K. *see* Ravi, K.N. 53784
Majumdar, A.K. *see* Sarkar, S. 91803
Majumdar, G. *see* Motto, E.R. 69065
Majumdar, G. *see* Terashima, T. 58700
Majumdar, S., Woodside, C.M., Bailey, D. Measurement of parallelism in data communications protocol software 96261
Majumdar, T.J. *see* Mohanty, K.K. 67849
Majumder, A., Dandapani, R. Neural networks as massively parallel automatic test pattern generators 66126
Majumder, D.Dutta *see* Dutta Majumder, D.
Majumder, S.P., Gangopadhyay, R., Alam, M.S., Prati, G. Performance analysis of optical heterodyne FSK systems with nonuniform laser FM response 85092
Majumder, S.P., Gangopadhyay, R., Prati, G. Effect of line coding on heterodyne FSK optical systems with nonuniform laser FM response 65776
Mak, A., Johnson, S.R., Lavoie, C., Mackenzie, J., Nissen, M.K., Rogers, D., Tiedje, T. Carbon filament source for *p*-type doping in molecular beam epitaxy 71273
Mak, B. *see* Junqua, J.-C. 64365
Mak, F.K. Design of nonlinear generator exciters using differential geometric control theories 68585
Mak, G. *see* van Driel, H.M. 56850
Mak, K. *see* Abbott, M. 70473
Mak, M.W., Allen, W.G. Lip-motion analysis for speech segmentation in noise 64384
Mak, M.W., Allen, W.G. A lip-tracking system based on morphological processing and block matching techniques 95272
Mak, P. *see* Asmussen, J. 53231
Mak, P. *see* Asmussen, J. 55382
Mak, S.K., Aghvami, A.H. Soft-decision decoding of block codes using neural network 84016
Mak, S.T., Radford, D. A TWACS system alarm function for distribution automation 68197
Mak, V.W. *see* Yi-Bing Lin 86132
Mak Hon-Ming *see* Hon-Ming Mak
Mak On-Cheong *see* On-Cheong Mak
Mak Tak Yum, Lam, S.S.L. A utility company's experience on electronic filing system for engineering applications 59807
Makabe, T. *see* Nakano, N. 55815
Makadsi, M.N., Al-Ani, S.K.J., Shakarchi, I.Kh., Hogarth, C.A. Dependence of electrical conductivity and bandgap of the graded system $CdTe_{1-x}S_x$ on the structure and annealing treatment 71097
Makansi, J. New supply lines, tools keep coal switching in forefront 68430
Makansi, J. Few new options emerge for complying with CAA phase II 78365
Makansi, J. Repowering: options proliferate for managing generation assets 78405
Makansi, J. FBC retrofit leads Komorany, Czech Republic into new era 78439
Makar, J.M., Atherton, D.L. Effect of uniaxial stress on the reversible and irreversible permeabilities of 2% Mn pipeline steel 72049
Makar, J.M., Atherton, D.L. Effects of stress on the magnetostriction of 2% Mn pipeline steel 72050
Makaraevich, I.I. *see* Turtsevich, A.S. 81554
Makarevich, T.V. *see* Lesnikova, V.P. 70162
Makarov, A.A. *see* Dolinsky, A.V. 87852
Makarov, A.V. Automatic phasing of a multichannel amplifier circuit using a communications line 84210
Makarov, I. *see* Nezhevenko, O. 76375
Makarov, L.E., Obraztsov, Y.V., Peshkov, I.B., Shuvalov, M.Y. XLPE-insulated high-voltage cables in Russia—design, manufacturing process and test results 89271
Makarov, M. *see* Bychkov, Yu. 50746
Makarov, V., Trontelj, M. Novel varistor material based on tungsten oxide 61964
Makarov, V. *see* Pershin, S. 77348
Makarov, V.V. *see* Balychenko, A.A. 69978
Makarova, T.L. *see* Biryulin, Yu.F. 81129
Makarova, T.L. *see* Boitsov, S.K. 62340
Makarychev, Yu.M., Ryzhov, S.Yu., Zhidareva, T.P. Design of electromagnets: stages, procedures and models 94752
Makarytchev, S.V., Cen, K.F., Luo, Z.Y. Staged desulphurization by direct sorbent injection in pulverized-coal boilers 78394
Makedon, F. *see* Kagaris, D. 80271
Makeev, Yu.G., Motornenko, A.P. Free axially nonsymmetric oscillations in a waveguide splitter with a magnetic dielectric filling 94933
Makepeace, C.D., Ghassemzadeh, A. A testbed for multimedia groupware applications 75099
Makhamid Madzhet sbeikh *see* Madzhet sbeikh Makhamid
Makhija, K.K. *see* Patel, N.G. 90453
Makhlouf, M. *see* Sazhin, S. 63628
Makhlouf, M. *see* Sazhin, S. 63663
Makhlouf, M. *see* Sazhin, S. 72678
Makhlouf, M.A., Giorgio, P.D. Performance analysis models of distributed radar systems 52642
Makhmudov, R.Kh. *see* Magrupov, M.A. 80893
Makhnenko, L.N. *see* Ivanov, G.M. 76290
Makhoul, J. *see* Bates, M. 73858
Makhoul, J. *see* Zavaliagkos, G. 73811
Makhov, V.I. *see* Eremchenko, D.V. 62049
Makhov, V.N. *see* Kamenskikh, I.A. 88042
Maki, A., Nagano, Y., Mori, M., Shigenaga, M. A continuous reload on-chip instruction cache for low-end RISC 70547
Maki, A. *see* Murakami, A. 59080
Maki, A.G., Che-Chung Chou, Evenson, K.M., Zink, L.R., Jow-Tsong Shy Improved molecular constants and frequencies for the CO_2 laser from new high-J regular and hot-band frequency measurements 82930
Maki, A.G. *see* Che-Chung Chou 86910
Maki, G., Gambles, J., Canaris, J., Whitaker, S., Venbrux, J. NASA secondary teacher VLSI program 54388
Maki, H. *see* Kitajima, K. 57635
Maki, H. *see* Takei, T. 85441
Maki, I. *see* Oguchi, K. 60319
Maki, J.J. *see* Cuneo, C.J. 56749
Maki, K. *see* Maruyama, Y. 78155
Maki, K. *see* Murakami, N. 68827
Maki, K. *see* Murakami, N. 100258
Maki, M. *see* Amano, H. 60936
Maki, N. Practical design of superconducting generator—electrical characteristics equations 89808
Maki, N. *see* Kobayashi, T. 94028
Maki, P. *see* Peatman, W.C.B. 62892
Maki, P. *see* Peatman, W.C.B. 62899
Maki, P.A. *see* Aull, B.F. 56475
Maki, T., Kobayashi, T. Selective homoepitaxy of diamond thin films and investigation of their cathodoluminescence 79783
Maki, T. *see* Ariki, T. 71220
Maki, T. *see* Kawase, M. 79898
Maki, T. *see* Kobayashi, T. 81429
Maki, Y. *see* Oguchi, K. 68726
Maki, Y. *see* Oguchi, K. 90163
Makida, Y. *see* Haruyama, T. 94010
Makida, Y. *see* Kimura, A. 72259
Makihara, K. *see* Ohmi, T. 62460
Makimura, T. *see* Nittono, T. 93586
Makimura, Y. SPARC version X Window terminal XMiNT CSL at Keio University 90792
Makinen, H., Mikkonen, R., Eriksson, J.-T. The availability analysis of a 100 kWh superconducting magnetic energy storage 72268
Makino, A., Suzuki, K., Inoue, A., Masumoto, T. Magnetic core properties and their thermal stability in a bcc Fe-Zr-B-Cu alloy with nanoscale grain size 68674
Makino, A. *see* Yamamoto, Y. 63192
Makino, H. *see* Nakashizuka, M. 95777
Makino, H. *see* Saga, S. 48844
Makino, K. *see* Sasaki, H. 74387
Makino, K. *see* Tsuruzawa, K. 78866
Makino, M. *see* Takeuchi, A. 58593
Makino, S. An experimental digital 1.2 Gbit/sec VCR for 1125/60 HDTV signals 86770
Makino, S., Ito, A., Endo, M., Kido, K. A continuous speech recognition system using a modified LVQ2 method and a dependency grammar with semantic constraints 64394
Makino, S., Kaneda, Y. A new RLS adaptive algorithm based on the variation characteristics of a room impulse response 51437
Makino, S., Shinkai, S., Takeshima, Y., Nakamura, T., Yabuta, M., Kitamura, M., Ishiwata, N., Tuboi, S., Urai, H. High density recording FeTaN laminated hard disk heads 50261
Makino, S. *see* Haneda, Y. 51469
Makino, S. *see* Idehara, T. 62093
Makino, S. *see* Idehara, T. 62105
Makino, S. *see* Ito, A. 84034
Makino, S. *see* Otsuki, T. 51386
Makino, S. *see* Otsuki, T. 95865
Makino, T., Maruko, M. Driving control of an automated guided vehicle using linear induction motors 90029
Makino, T. *see* Chunmeng Wu 56757
Makino, T. *see* Hong, J. 94494
Makino, T. *see* Hui, R. 72921
Makino, T. *see* Hui, R. 83089
Makino, T. *see* Lu, H. 56763
Makino, T. *see* Sato, H. 54005
Makino, Y., Ike, T., Ishida, T., Hagiwara, R., Okawa, K. Residential photovoltaic power generating system connected to the utility line 89746
Makino, Y. *see* Lu, D. 78197
Makino, Y. *see* Tsujino, N. 100023
Makioka, S., Tateoka, K., Yuri, M., Yoshikawa, N., Kanazawa, K. A high efficiency GaAs MCM power amplifier for 1.9 GHz digital cordless telephones 80782
Makios, V. *see* Papadopoulos, C. 75062
Makisara, K., Meinander, M., Rantasuo, M., Okkonen, J., Aikio, M., Sipola, K. Airborne imaging spectrometer for applications (AISA) 77580
Makishima, Y., Hashimoto, K., Yamaguchi, M. Thin-film bulk acoustic resonators employing ZnO/pyrex-glass composite diaphragm structure 71917
Makita, H. *see* Yara, T. 79949
Makita, K. *see* Tsuji, M. 70014
Makita, T. *see* Horikawa, T. 49436
Makita, T. *see* Kawahara, T. 93705
Makita, T. *see* Kuroiwa, T. 93710
Makita, Y. *see* Lee, J.-S. 62244
Makita, Y. *see* Niki, S. 61269
Makita, Y. *see* Uchimura, T. 63347
Makiyama, T. *see* Hamaker, H.C. 71470
Mako, F. *see* Thompson, C.J. 53404
Mako, F.M., Peter, W. A high-current micropulse electron gun 71035
Mako, F.M. *see* Murthy, K. 88126
Makosa, A. *see* Figielski, T. 81282
Makosik, S.K. *see* Brown, B.L. 87663
Makoto Matsumoto *see* Boliong Chen 48797
Makovetskii, G.I. *see* Lipnitskii, V.I. 63555
Makovetskii, G.I. *see* Savchuk, V.A. 63556
Makovich, L., Smalley, G. Short-term outlook: modest sales, peak-demand growth [electric utilities] 68081
Makow, S. Active board concurrent maintenance 92683
Makowiecki, D. *see* Benary, O. 53327
Makowiecki, D. *see* Benary, O. 98517
Makowiecki, D. *see* Benary, O. 98640
Makowitz, H., Abrashoff, J.D., Landman, W.H., Albano, R.K., Tajima, T., Larson, J.D. The intense slow positron source concept: A theoretical perspective on a proposed INEL facility 87937
Makowitz, H. *see* Brown, B.L. 87797
Makowitz, H. *see* Brown, B.L. 87935
Makowski, A.M. On an elementary characterization of the increasing convex ordering, with an application 91193
Makowski, A.M., Nelson, R. An optimal scheduling policy for fork/join queues 79537
Makowski, A.M. *see* Varma, S. 69671
Makowski, K. Evaluation of steady-state characteristics of a single-phase shaded pole induction motor by circuit-field method 54020
Makowski, M. *see* Allen, S.L. 63878
Makowski, M.A. *see* Lasnier, C.J. 63879
Makrakis, D., Mathiopoulos, P.T., Bouras, D.P. Optimal decoding of coded PSK and QAM signals in correlated fast fading channels and AWGN: a combined envelope, multiple differential and coherent detection approach 51325
Makrakis, D. *see* Burrell, A. 85709
Makram, E.B., Setzer, L., Varadan, S. Effects of harmonic sources on customer loads 53697
Makram, E.B. *see* Varadan, S. 99419
Makris, S.E. *see* Hung, N.L. 51934
Makrucki, B.A. Explicit forward congestion notification in ATM networks 57955
Maksimenko, V.G. Shielding an inductance coil from the effects of a static magnetic field 92649
Maksimov, A.Yu., Mal'tsev, A.A., Shulman, S.G., Yushin, N.K. Deposition of ferroelectric films on silicon carbide 48995

Maksimov, A.Yu. *see* Lemanov, V.V. 56149
Maksimov, M.V. *see* Egorov, A.Yu. 54910
Maksimov, M.V. *see* Egorov, A.Yu. 91449
Maksimov, M.V. *see* Ledentsov, N.N. 91450
Maksimov, N.N. *see* Grechishkin, R.M. 66278
Maksimov, S.K. Formation of dissipative structures in crystallization of epitaxial layers of multicomponent $A^{III}B^{V}$ compounds and Ta-Si amorphous films 54821
Maksimov, S.K., Khabelashvili, I.D., Uvarov, O.V., Zenkevich, A.V., Verner, I.V. Composition oscillations in amorphous Ta-Si films produced by laser deposition 92976
Maksimov, V.M., Sukharev, I.G. Synthesis of PAA radiator input driving by given amplitude-phase distribution 57286
Maksimov, V.M., Sukharev, I.G. Multimode waveguide matching structures in PAA 57287
Maksimov, V.S. *see* Erukhimov, L.M. 73357
Maksimova, N.K., Kalygina, V.M., Voronkov, V.P., Vyatkin, A.P. Structure and properties of interphase boundaries of gallium arsenide-metal (dielectric) 93071
Maksimovic, D. Design of the clamped-current high-power-factor boost rectifier 68810
Maksimovic, D. *see* Jiatian Hong 68808
Maksimovic, D. *see* Pejovic, P. 100215
Makuchowski, J., Pokora, L. Theoretical model of TEA nitrogen laser excited by electric discharge. I. Problem formulation 63629
Makuchowski, J., Pokora, L. Theoretical model of TEA nitrogen laser excited by electric discharge. Part 2. Results of calculations 63630
Makukatin, S. Water from the African sun 100975
Makulla, D. Reduction of peak loads by ceiling-mounted cooling panels combined with ice storage 79028
Makynen, A.J., Kostamovaara, J.T., Myllyla, R.A. Tracking laser radar for 3-D shape measurements of large industrial objects based on time-of-flight laser rangefinding and position-sensitive detection techniques 58500
Makynen, A.J., Kostamovaara, J.T., Rahkonen, T.E. CMOS photodetectors for industrial position sensing 66683
Mal, S. *see* Rosier, E. 97622
Malabouche, G. Management of the energy economy of France 99533
Malacara, D. *see* Servin, M. 58825
Malacky, L'. $In_{0.53}Ga_{0.47}As$ metal-semiconductor-metal photodetector with P^{+}/N-InP barrier enhancement layer 66360
Malafeev, S.I., Kiseleva, N.O. Program complex for simulation and adjustment of the regulators of electromechanical systems 90560
Malagodi, M.S., Ferguson-Pell, M.W., Masiello, R.D. A functional electrical stimulation exercise system designed to increase bone density in spinal cord injured individuals 77059
Malaguti, G. *see* Swinyard, B.M. 88045
Malah, D. *see* Chazan, D. 84133
Malah, D. *see* Kresch, R. 74340
Malah, D. *see* Sivan, Z. 95792
Malah, D. *see* Stettiner, Y. 84087
Malai, A.I. Epitaxial Schottky diodes with S-type current-voltage characteristics 81805
Malaiya, Y.K. *see* Al-Assadi, W.K. 55200
Malaiya, Y.K. *see* Menon, S.M. 49408
Malajovich, G. On generalized Newton algorithms: quadratic convergence, path-following and error analysis 79671
Malakhov, A. *see* Anishchenko, N. 94012
Malakhov, A.I. *see* Afanasiev, S.V. 52771
Malakhov, N. *see* Carrigan, R.A., Jr. 59039
Malakhova, I.A. *see* Kryukov, V.V. 56996
Malamud, G., Mine, Ph., Vartsky, D., Equer, B., Besson, P., Bourgeois, P., Breskin, A., Chechik, R. Measurement of the quantum efficiency of CsI, amorphous silicon and organometallic reflective photocathodes 88001
Malamud, G. *see* Breskin, A. 76003
Malan, D.F. *see* Lacquet, B.M. 94261
Malaney, S.L. Darts: an automated feature test system for a digital central office switching system 74878
Malaric, K. SS-TDMA (satellite switched time division multiple access) 96187
Malaric, K. *see* Bego, V. 86830
Malashenko, E.N. *see* Zimin, L.B. 53966
Malashin, P.O. *see* Silichev, O.O. 63902
Malassenet, F.J. Texture coding using a pyramid decomposition 85023
Malassiotis, S. *see* Tzovaras, D. 76908
Malatto, L. *see* Fraigi, L. 66192
Malavasi, E. *see* Charbon, E. 91786
Malavasi, E. *see* Cortelazzo, G.M. 86682
Malay, A.I. Volt-ampere characteristics of epitaxial Schottky diodes at high current densities 81777
Malberti, P. *see* Ciappa, M. 63802
Malchow, R. *see* Tesarek, R.J. 98504
Malchow, S. *see* Kaiser, R. 56593
Malchow, S. *see* Kaiser, R. 86348
Malcolm, N. *see* Wei Zhao 58132
Malcolm, S.A., Zenios, S.A. Robust optimization for power systems capacity expansion under uncertainty 89182
Malcovati, P., Azeredo Leme, C., O'Leary, P., Maloberti, F., Baltes, H. Smart sensor interface with A/D conversion and programmable calibration 87045
Malcovati, P., Leme, C.A., Lenggenhager, R., Maloberti, F., Baltes, H. Low noise multirate SC read-out circuitry for thermoelectric integrated infrared sensors 97863
Malcovati, P. *see* Azeredo Leme, C. 97862
Malcuit, M.S. *see* Kralik, J.C. 50945
Maldague, X. *see* Arsenault, M. 91107
Maldague, X. *see* Pitre, L. 87303
Maldonado, J.R. *see* Celler, G.K. *(editor)* 90721
Maldonado, M.A. *see* Carnahan, R.E. 55865
Maleki, L. *see* Prestage, J.D. 86960
Maleki, L. *see* Yao, X.S. 86417
Malengreau, F., Vermeersch, M., Sporken, R., Philippe, L., Han, B.Y., Caudano, R. Growth of AlN on clean and oxidised polycrystalline iron: an Auger study 49011
Malesani, L., Leonardi, F., Speranza, R., Scandellari, A. Switched reluctance motor: a reduced torque ripple drive 100863
Malesani, L., Mattavelli, P., Rossetto, L., Tenti, P., Marin, W., Pollmann, A. Electronic welder with high-frequency resonant inverter 68772
Malesani, L., Rossetto, L., Spiazzi, A., Zuccato, A. An AC power supply with sliding-mode control 68777
Malesani, L., Rossetto, L., Tenti, P., Tomasin, P. AC/DC/AC PWM converter with minimum energy storage in the DC link 54089
Malesani, L., Tomasin, P. PWM current control techniques of voltage source converters—a survey 90202
Maleto, M.I., Solovjeva, L.I., Turevskaya, E.P., Vorotilov, K.A., Yanovskaya, M.I. Alkoxy-derived Y_2O_3-stabilized ZrO_2 thin films 79885
Malevich, Yu.A. *see* Paderin, P.S. 60638
Maleville, C. *see* Robbes, D. 66714
Malevinskii, G.V. *see* Mal'tsev, B.K. 53901
Malewski, R. *see* Cepek, M. 78064
Maley, C.A. *see* Davis, J.A. 72487
Maley, N. *see* Arya, R.R. 90414
Maley, N. *see* Dawson, R.M.A. 100550
Maley, N. *see* Yang, Y.H. 79956
Maleysson, C. *see* Passard, M. 66543
Maleysson, C. *see* Pauly, A. 87323
Malfagia, R. *see* Balzarotti, G. 67681
Malfait, A. *see* Belmans, R. 68519
Malfante, L. *see* Rosenfeld, A. 88583
Malfante, L. *see* Rosenfeld, A. 99024
Malfaro, W.J., Adler, R.B., Meystel, A. Using fuzzy logic to estimate remaining life and evaluate renovation options for distribution substation equipment 68228
Malfliet, B., Piret, J.P. Long term, real-time generating unit simulator (GUS) on personal computer 68012
Malgorzata Marek-Sadowska *see* Yu-Liang Wu 49268
Malgrange, C. *see* Giles, C. 98716
Malgrange, C. *see* Lefebvre, D. 88337
Malguin, A.S. *see* Aglietta, M. 67318
Malhame, R.P. *see* El-Ferik, S. 68101
Malhame, R.P. *see* El-Ferik, S. 68156
Malhame, R.P. *see* Laurent, J.C. 79006
Malherbe, J.A.G. *see* Coetzee, J.C. 51165
Malhi, S. *see* Efland, T. 61660
Malhi, S. *see* Mei, P.C. 70293
Malhotra, J. *see* Senani, R. 70726
Malhotra, R. Optical computing for artificial neural network implementations 82784
Malhotra, R. *see* Musick, S. 88691
Malhotra, R.P., Siferd, R. Evaluation of electronic artificial neural network implementations 55357
Mali, P.C., Dutta Majumder, D. An analytical comparative study of a class of discrete linear basis transforms 48744
Malicki, P. *see* Kluszczynski, K. 89924
Malier, L. *see* Brunel, M. 63965
Malik, A. *see* de Vries, M.J. 98066
Malik, I.J. *see* Pirooz, S. 62949
Malik, M., Smits, K.F.A.A., Lindemans, F.W. Effects of anisotropic myocardial conductivity in model of defibrillation current density distribution 77037
Malik, M.A., Reddy, V.D., Reddy, P.V., Sagar, D.R., Prankishan Charge transport in germanium-substituted magnesium ferrites 71125
Malik, M.A., Saniie, J. Generalized time-frequency representation of ultrasonic signals 95450
Malik, N.H. *see* Al-Arainy, A.A. 50124
Malik, N.H. *see* Mufti, A.H. 63067
Malik, N.R. Four-state model for the Schottky transistor 71607
Malik, O.P. *see* Chen, G.P. 99548
Malik, O.P. *see* Li, X.-Y. 53661
Malik, O.P. *see* Roy, S. 89707
Malik, O.P. *see* Xing-Yuan Li 89920
Malik, O.P. *see* Yijia Cao 89152
Malik, O.P. *see* Zhang, Y. 89148
Malik, R., Taegkeun Whangbo Junction view densities in images 57922
Malik, R. *see* Canali, C. 81827
Malik, R.J., Anand, Y., Micovic, M., Geva, M., Ryan, R.W. Performance and reliability characteristics of GaAs planar doped barrier detector diodes using carbon-doped acceptor spikes grown by molecular beam epitaxy 61919
Malik, R.J. *see* Schubert, E.F. 82835
Malik, S. Analysis of cyclic combinational circuits 61675
Malik, S. *see* Ashar, P. 92100
Malik, S. *see* Devadas, S. 55238
Malik, S. *see* Devadas, S. 80241
Malik, S. *see* Horng-Fei Jyu 92101
Malik, S. *see* Tiwari, V. 92301
Malik, S.B., Satsangi, P.S., Tripathy, S.C., Balasubramanian, R. Mathematical model for energy planning of rural India 78279
Malik, S.M., Sridharan, K., Fetherston, R.P., Chen, A., Conrad, J.R. Overview of plasma source ion implantation research at University of Wisconsin-Madison 62385
Malikov, S.N. *see* Vygon, V.G. 52735
Malikov, V.Ya., Stadnik, P.E., Yakovlev, Yu.A. Instrumentation for measuring critical current in high-T_c ceramics by pulsed technique 58938
Malin, B. Service creation tools today and tomorrow: how will they affect your business? 65470
Malin, J.I. *see* Gardner, N.F. 70010
Malina, V., Micheli, V., Kohout, J., Berkov, D. Effect of deposition parameters on the electrical and metallurgical properties of Au-Zn contacts to p-type InP 71213
Malinas, N.P. *see* Sheen, D.R. 59597
Maliniak, D. Memory-chip stacks send density skyward 79380
Maliniak, L. Submicron ASIC tools enhance predictability 49213
Maliniak, L. Nix physical design flaws before layout 61460
Maliniak, L. A beginners guide to VHDL 91797
Malinin, A. *see* Akimov, V. 53300
Malinin, A. *see* Arefiev, A. 88007
Malinin, A.A. *see* Buravlyov, A.V. 54874
Malinovskii, A.A., Turkovskii, V.G. The main characteristics of steel melting electric arc furnaces for different supply systems 90691
Malinovsky, H. *see* Anishchenko, N. 94012
Malinowska, E. *see* Bartosik, M. 90252
Malinowski, J. *see* Subbanna, S. 92190
Malinowski, J.C. *see* Harame, D.L. 61658
Malinowski, M.E. *see* Tichenor, D.A. 81591
Malissard, M., Souquet, J., Jullien, D. Optimisation of pulse duration for intravaginal electrical stimulation: effect of tissue excitability 67601
Malitskaya, M.A. *see* Rayevsky, I.P. 82187
Malitsky, N. *see* Bourianoff, G. 66878
Maljean, M., Neyens, J. The strong points of electric motors with controllable speed 69040
Mal'khanov, S.E. *see* Kolesnikov, N.V. 93363
Malkin, R. Concurrent engineering challenges for manufacturing 60885
Malkin, R.A., Pilkington, T.C. Defibrillation efficacy estimation using Bayesian estimation theory 77007
Malkinson, T.J. The scientific personality and the role of the technical supervisor in the enhancement of communication within the university-based research laboratory 90813
Malkov, S.A. *see* Andriesh, A.M. 93094
Malkovich, R.Sh. *see* Didik, V.A. 93127
Mall, M. *see* Haberland, H. 91636
Mall, R., Raman, S., Patnaik, L.M. A parallel simulated annealing-based channel router 70247
Malla, R., Devarajan, V. Sensitivity analysis of similarity metrices for image matching 57821
Malladi, S.S., Fu-Quan Wang, Costello, D.J., Jr., Ferreira, H.C. Construction of trellis codes with a good distance profile 51348
Mallary, M.L., Dipalma, L., Gyasi, K., Sidman, A.L., Wu, A. Advanced multi-via heads 72129
Mallary, M.L., Ramaswamy, S. A new thin film head which doubles the flux through the coil 50343
Mallat, J., Lehto, A., Tuovinen, J. Antenna phase pattern measurements at millimeter wave frequencies using the differential phase method with only one power meter 94987
Mallat, J. *see* Piironen, P. 86645
Mallat, S., Zhang, Z. Adaptive time-frequency transform 84259
Mallat, S. *see* Davis, G. 57590
Mallat, S. *see* Davis, G. 74046
Mallat, S. *see* Hwang, W.-L. 91183
Mallavarpu, R. *see* Gammie, G. 92877
Mallee, R. *see* Poenar, D. 54972
Mallela, P.P. *see* Kuo, S.M. 75131
Mallener, W. *see* Divisek, J. 60435
Mallet, J. *see* Bacci, C. 67317
Malliaras, G.G., Krasnikov, V.V., Bolink, H.J., Hadziioannou, G. Photorefractive polymer composite with net gain and subsecond response at 633 nm 72564
Malliaras, G.G. *see* Gill, R.E. 50671
Mallick, A.K. *see* Khanra, D.N. 57239
Mallick, S. *see* Pham, D. 92287
Mallik, K., Dhar, S. Dominant traps in liquid phase epitaxial GaAs studied by controlled doping with indium and antimony 81441
Mallik, K., Dhar, S., Sinha, S. A photoluminescence and photocapacitance study of GaAs:In and GaAs:Sb layers grown by liquid-phase epitaxy 81236
Mallikarjun, T. Modeling of a tuned optical receiver front-end for broadband multichannel lightwave systems 75493
Mallin, D.F. *see* Ohnemus, K.R. 96694

Mallinckrodt, A.J. *see* Otten, D.D. 86290
Mallinson, J.C., Rao, K.V. On electron-beam Lorentz microscopy 71065
Malliot, H.A. Microwave CLO sounder 53535
Mallon, R.E. *see* Burns, H.S. 74858
Mallot, H.A. *see* Theimer, W.M. 95998
Malloy, K.J. *see* Bo Lu 83105
Malloy, K.J. *see* Schneider, R.P., Jr. 50823
Malme, C.I. Development of a high target strength passive acoustic reflector for low-frequency sonar applications 86622
Malmejac, Y. *see* Delaplace, J. 67732
Malmivuo, J. *see* Sievanen, H. 76996
Malo, B., Albert, J., Bilodeau, F., Kitagawa, T., Johnson, D.C., Hill, K.O., Hattori, K., Hibino, Y., Gujrathi, S. Photosensitivity in phosphorus-doped silica glass and optical waveguides 72383
Malo, B., Bilodeau, F., Albert, J., Johnson, D.C., Hill, K.O., Hibino, Y., Abe, M. Photosensitivity in optical fiber and silica-on-substrate waveguides 63443
Malo, B. *see* Hill, K.O. 86452
Malo, B. *see* Hill, K.O. 97288
Malo, B. *see* Kitagawa, T. 72787
Maloberti, F. *see* Alippi, C. 53346
Maloberti, F. *see* Alippi, C. 67381
Maloberti, F. *see* Brigati, S. 61781
Maloberti, F. *see* Chioffi, E. 92243
Maloberti, F. *see* Civardi, L. 54235
Maloberti, F. *see* Dell'Acqua, A. 87955
Maloberti, F. *see* Dell'Acqua, A. 98680
Maloberti, F. *see* Dias, V.F. 49209
Maloberti, F. *see* Malcovati, P. 87045
Maloberti, F. *see* Malcovati, P. 97863
Maloch, J.V. *see* Busov, B. 90276
Malocha, D.C. *see* Chang, R.E. 99346
Malocha, D.C. *see* Hines, J.H. 93831
Malocha, D.C. *see* Knapp, S.M. 99322
Malocha, D.C. *see* Lee, K.R. 91563
Malocha, D.C. *see* Tang, P.W. 95069
Malocha, D.C. *see* Vigil, A.J. 57330
Maloletnev, A.A. *see* Grebenev, V.N. 88135
Malomed, B.A. Strong periodic amplification of solitons in a lossy optical fiber: analytical results 72330
Malomed, B.A., Tasgal, R.S. Vibration modes of a gap soliton in a nonlinear optical medium 63413
Malomed, B.A. *see* Chu, P.L. 63994
Malomed, B.A. *see* Kaup, D.J. 63952
Malon, D.M. *see* Pham, H. 69641
Malone, C.T. *see* Qing Gu 81246
Malone, P. *see* England, J. 71291
Malone, P. *see* Vendura, G.J., Jr. 99104
Malone, R. *see* Wang, X.J. 76608
Malone, T.W., Rockart, J.F. Computers, networks and the corporation 85795
Maloney, J.G. *see* Shlager, K.L. 73493
Maloney, P.R. *see* McMorrow, R.J. 80859
Maloney, T.J. *see* Gardner, D.S. 90982
Malos, J. *see* Morgado, C.J.S. 88239
Malos, J. *see* Morgado, C.J.S. 98581
Malouf, P.M. *see* Park, G.S. 98482
Malov, S.N., Mikhailova, I.R. Combined shift as a method of holographic interferometry 94664
Malowany, A. *see* Sandrasegaran, K. 90837
Malowany, A.S. *see* Petroni, M. 76887
Malrieu, J.-P. *see* Guihery, N. 55489
Malstrom, E.M., Landers, T., Schmitt, N.M., Taylor, G.D. Design for assembly and test in electronics manufacturing curricula 80984
Malta, D.M. *see* Fox, B.A. 69927
Maltcev, P.P. *see* Petrosjanc, K.O. 91731
Malten, C. *see* Colbow, K.M. 93072
Maltezos, A. *see* Adam, W. 88114
Maltezos, A. *see* von Apeldoorn, G. 88116
Maltezos, S. *see* von Apeldoorn, G. 88116
Maltha, S. Spectrum use for mobile communications instead of television broadcasting? The Dutch case 58557
Mal'tsev, A.A., Serebryakov, G.V. Efficiency of signal processing for spatially distributed sources in adaptive antenna arrays 84380
Mal'tsev, A.A., Silaev, A.M. Optimal detection of discontinuous changes of signal parameters in discrete time 51474
Mal'tsev, A.A. *see* Maksimov, A.Yu. 48995
Maltsev, A.A. *see* Vanzha, A.V. 84379
Mal'tsev, A.T. *see* Alebastrov, V.A. 64148
Mal'tsev, B.K., Malevinskii, G.V. Probabilistic safety assessments of nuclear power plants abroad 53901
Mal'tsev, E.A. Characteristics of using the method of classifying a set of signals in direction finding of broad-band sources 64461
Maltsev, P.A. Soft morphological filters and hierarchical discrete transformations 64631
Maluf, N.I., McNutt, E.L., Monroe, S., Tanelian, D.L., Kovacs, G.T.A. A thermal signal generator probe for the study of neural thermal transduction 76881
Maluf, N.I. *see* Kovacs, G.T.A. 76983
Maluf, N.I. *see* Storment, C.W. 83530
Malvicino, C., Arri, A., Ansaldi, E. A particular thermal behaviour of residual magnetism in cast iron 63133
Maly, K. *see* Fondriat, E.C. 65368
Maly, K. *see* Rao, N.S.V. 65333
Maly, P. *see* Haderka, O. 56703
Maly, P. *see* Pani, R. 88044
Maly, W. Growth of silicon cost and resulting changes in manufacturing paradigms 79272
Maly, W. Cost of silicon viewed from VLSI design perspective 93549
Maly, W., Feltham, D.B.I., Gattiker, A.E., Hobaugh, M.D., Backus, K., Thomas, M.E. Smart-substrate multichip-module systems 55206
Maly, W., Jacobs, H., Kersch, A. Estimation of wafer cost for technology design 93542
Maly, W. *see* Gattiker, A.E. 48686
Maly, W. *see* Griep, S. 82035
Maly, W. *see* Khare, J. 60920
Maly, W. *see* Khare, J.B. 82038
Malyan, A.D. *see* Leung, V.C.M. 96598
Malyan, R. *see* Brown, G. 69598
Malyan, R. *see* Brown, G. 92676
Malyarov, V.G. *see* Aleshin, A.N. 66708
Malygin, S.A. *see* Zapevalov, V.E. 81144
Malykhin, E.I. *see* Voitekh, A.A. 90001
Malykin, G.B. Propagation of nonmonochromatic radiation in isotropic single-mode fibers with wear induced anisotropy 51168
Malykin, G.V. Utilization of nonmonochromatic circularly polarized radiation in a fiber ring interferometer 76058
Malyon, D.J. *see* Shan, X. 65800
Malyon, D.J. *see* Widdowson, T. 50933
Malyon, D.J. *see* Widdowson, T. 56369
Malyon, D.J. *see* Widdowson, T. 65787
Malyshev, O.B. *see* Anashin, V.V. 98393
Malyshev, V.A. Finitely convergent algorithms for isogeometric interpolation 61156
Malyshev, V.M., Usychenko, V.G. Model of Schottky-barrier diode low-frequency noise 55869
Malyshev, V.V., Eryshkin, A.V., Koltypin, E.A., Varfolomeev, A.E., Vasiliev, A.A. Gas sensitivity of semiconductor Fe_2O_3-based thick-film sensors to CH_4, H_2, and NH_3 66536
Malysheva, N.E. *see* Zheludeva, S.I. 82667
Malyutenko, V.K. *see* Akopyan, A.A. 93022
Malyutin, A.A. *see* Ilichev, N.N. 82964
Malyutin, A.A. *see* Il'ichev, N.N. 82965
Malyutin, A.A. *see* Il'ichev, N.N. 94585
Malyutin, A.M. *see* Glebov, V.N. 58794
Malzbender, J. *see* Jones, E.D. 71277
Mamaev, A.N. *see* Egorov, S.A. 98044
Mamaev, Yu.A. *see* Konoplev, Yu.N. 72556
Mamaev, Yu.A. *see* Konoplev, Yu.N. 72985
Mamalui, Yu.A. *see* Zablotskii, V.A. 72072
Mambo, M., Nishikawa, A., Okamoto, E., Tsujii, S. A secure broadcast communication method with short messages 95138
Mamedbeili, I.A. *see* Vezirov, Kh.N. 58772
Mamedov, A.K., Sedyakina, M.S. BBE-6U2 power units for subway cars 78896
Mamedov, N.T. *see* Dzhafarov, T.D. 68999
Mameno, K., Nishida, A., Nagasawa, H., Fujiwara, H., Suzuki, K., Yoneda, K. Elimination of negative charge-up during high current ion implantation 49875
Mamet, V.A., Martynova, O.I. Hideout in NPP steam-generator boiler water and its effect on the operating reliability of equipment 89477
Mamet, V.A. *see* Fateev, V.N. 53900
Mametani, T. *see* Fukiage, T. 55258
Mamidwar, R.S. *see* Mohan, C.S. 65530
Mamijoh, T., Horikawa, H., Matsui, Y., Sin, Y.K., Nakajima, M., Xu, C.Q., Ogawa, Y. Improved operation characteristics of long-wavelength lasers using strained MQW active layers 63781
Mamikonyants, L.G., Shakaryan, Yu.G. Developments in the field of asynchronized synchronous generators 78593
Mamikonyants, L.G. *see* Dyakov, A.F. 77863
Mamin, A. *see* Nizienko, Yu. 83024
Mamin, H.J. *see* Terris, B.D. 72296
Mamiya, M. *see* Yasuda, H. 56619
Mammano, R.A. A new BiCMOS PWM controller enhances both off-line and DC/DC converter designs 61527
Mammela, A. *see* Kaasila, V.-P. 51528
Mammeri, Z. *see* Cardeira, C.B. 58207
Mammone, R.J. *see* Assaleh, K.T. 84117
Mammone, R.J. *see* Assaleh, K.T. 95256
Mammone, R.J. *see* Farrell, K. 73808
Mammosser, J., Benesch, J.F. Mechanical results of the CEBAF cavity series production 67062
Mammosser, J., Kneisel, P., Benesch, J.F. Analysis of mechanical fabrication experience with CEBAF's production SRF cavities 67113
Mammosser, J. *see* Reece, C. 67127
Mammosser, J. *see* Schneider, W.J. 76709
Mamontov, Y.V., Willander, M. Bandgap narrowing and incomplete ionization calculations for the temperature range from 40 K up to 400 K 49761
Mamor, M. *see* Bassani, F. 62254
Mamoune, A., Cocquerelle, J. Analytical study of a set: 3-phases AC/AC converter taking into account the magnetic core saturation 90117
Mamouni, A. *see* Bellarbi, L. 53069
Mamyshev, P.V., Villeneuve, A., Stegeman, G.I., Aitchison, J.S. Steerable optical waveguides formed by bright spatial solitons in AlGaAs 56373
Mamyshev, P.V., Wigley, P.G., Wilson, J., Bosshard, C., Stegeman, G.I. Restoration of dual-frequency signals with nonlinear propagation in fibers with positive group velocity dispersion 63412
Mamyshev, P.V. *see* Mollenauer, L.F. 56349
Man, C.N. *see* Hello, P. 72721
Man, G.M.T., Poon, J.C.H. A novel method of enhancing Fourier descriptors for 3-D planar shape recognition 74432
Man, G.M.T., Poon, J.C.H., Siu, W.C. Viewpoint-invariant Fourier descriptor for 3-D planar object recognition 95657
Man, G.M.T., Poon, J.C.H., Siu, W.C. Estimation of the viewpoint of a single perspective projection image 96099
Man, H.De *see* De Man, H.
Man, H.J.de *see* de Man, H.J.
Man, K.S. *see* Burnett, I. 52504
Man, Y.H., Gath, I. Detection and separation of ring-shaped clusters using fuzzy clustering 74573
Man Cho Young *see* Young Man Cho
Man Han Jin *see* Jin Man Han
Man Hee Do *see* Chang Gyun Kim 83074
Man Kim Bum *see* Bum Man Kim
Man Kim Ki *see* Ki Man Kim
Man Kit Tang *see* Ikumi, N. 92283
Man Kit Tang *see* Unekawa, Y. 49419
Man Kit Tang *see* Unekawa, Y. 70548
Man Lee Kin *see* Kin Man Lee
Man Luk Kwai *see* Kwai Man Luk
Man Tai *see* Tai Man
Man Yongkui, Cai Shengle, Yang Jian, Han Anrong, Liu Zongfu A novel servo drive system 100808
Man-Li Zhou *see* Zhou Man-Li
Mana, F. *see* Gemello, R. 95324
Mana, G. *see* Basile, G. 86968
Mana, G. *see* Basile, G. 86982
Manabe, H., Yamazaki, T. Broadband node control architecture for multimedia services 96381
Manabe, K. Periodical dynamic stabilities of a catenary-pantograph system 78910
Manabe, K., Tanaka, T., Ohtsuka, S. A variable bit rate video codec for ATM networks and its robustness against cell losses 96867
Manabe, S. *see* Yamashita, H. 97663
Manabe, T., Tsujimura, T., Tomita, S., Tabuta, T. Acoustic inspection system for underground telecommunication conduit 97795
Manabe, T. *see* Tsujimura, T. 75171
Manabe, T. *see* Yamashita, N. 92240
Manabe, T. *see* Yamashita, N. 92289
Manabu *see* Maekawa, Y. 77390
Manaf, A., Zhang, P.Z., Ahmad, I., Davies, H.A., Buckley, R.A. Magnetic properties and microstructural characterisation of isotropic nanocrystalline Fe-Nd-B based alloys 50212
Manaf, A. *see* Al-Khafaji, M.A. 82260
Manak, D. *see* Cihlar, J. 77702
Manak, I.S. *see* Afonenko, A.A. 50839
Manandhar, R.P. *see* Lum, K.S.K. 88320
Manankov, V.M. *see* Glebov, V.N. 58794
Manara, G. *see* Calamia, M. 73262
Manara, G. *see* Pelosi, G. 94791
Manarin, A. *see* Akbari, H. 76610
Manasse, M.S. *see* Denny, T. 73755
Manassen, Y. *see* Ter-Ovanesyan, E. 91430
Manca, J., De Schepper, L., De Ceuninck, W., Stals, L.M., Barker, M.F., Pickering, C.R., Craig, W.A. A study of crossover failures in thick film multilayers 92822
Manca, J. *see* Curtin, M. 68742
Manca, J. *see* Whitham, K. 67008
Manca, J. *see* Whitham, K. 67009
Mancao, R.T. *see* Barker, P.P. 68330
Mancarella, G. *see* Farilla, A. 52772
Mancha, S. Chemical etching of thin film PLZT 63073
Manchanda, L., Storz, R.H., Yan, R.H., Lee, K.F., Westerwick, E.H. Clear observation of sub-band gap impact ionization at room temperature and below in 0.1 μm Si MOSFETs 62854
Manchanda, L., Weber, G.R., Mansfields, W., Boulin, D.M., Krisch, K., Kim, Y.O., Storz, R., Moriya, N., Luftman, H.S., Feldman, L.C., Green, M.L., Kistler, R.C., Lee, J.T.C., Klemens, F. A boron-retarding and high interface quality thin gate dielectric for deep-submicron devices 93617
Manchanda, L. *see* Green, M.L. 81463
Manchanda, L. *see* Mastrapasqua, M. 71669
Manchanda, R.K. *see* Sood, R.K. 53329
Manchester, T. *see* Preil, M.E. 71514
Mancia, D. *see* Bortone, E. 88504
Mancini, G. H/W-S/W co-verification in ATM 58263
Mancini, J. *see* Chen, C.H. 80708
Mancini, J. *see* Marosi, L. 92577
Mancini, L.J. *see* Sharma, T.C. 59483
Mancini, M. *see* Montangero, P. 56744
Mancini, R. *see* Bangham, M. 68421
Mancini, R. *see* Bangham, M. 78369
Mancino, P. *see* Epifani, M. 66369
Mancusi, J.E. *see* Palmer, W.D. 92875
Mancuso, R. *see* Vullo, T. 88364
Mancuso, Y. *see* Julie, J.-J. 52644
Mand, R.S. *see* Ojha, J.J. 56013
Mandai, M. *see* Okuno, S. 98559
Mandai, M. *see* Saitoh, Y. 59075
Mandai, M. *see* Saitoh, Y. 88124

Mandai, M. *see* Saitoh, Y. 98580
Mandal, D.P., Murthy, C.A., Pal, S.K. Utility of multiple choices in detecting ill-defined roadlike structures 77654
Mandal, J.K. A Gray like coding scheme with error-correction capabilities 95181
Mandal, K.C. *see* Savadogo, O. 60467
Mandal, R., Basu, S.K., Kar, A., Chowdhury, S.P. A microcomputer-based power factor controller 68080
Mandal, R. *see* Sarma, S.S. 79568
Mandayam, S., Udpa, L., Sun, Y.S. A fast iterative finite element model for electrodynamic and magnetostrictive vibration absorbers 82298
Mandel, P., Jingyi Wang Dynamic independence of pulsed antiphased modes 50926
Mandel, P. *see* Georgiou, M. 63698
Mandel, P. *see* Otsuka, K. 56711
Mandel, P. *see* Pieroux, D. 56712
Mandel', V.E., Nechaeva, T.A., Popov, A.Yu., Ryzhkov, A.V., Tyurin, A.V., Shugailo, Yu.B. Using a steady-state volume holographic diffraction grating to amplitude-modulate light 94678
Mandel', V.E. *see* Belous, V.M. 73169
Mandelberg, M.D. *see* Moustafa, M.S. 99247
Mandelis, A. *see* Munidasa, M. 66586
Mandelis, A. *see* Munidasa, M. 66587
Mandelis, A. *see* Munidasa, M. 76236
Mandelli, L. *see* Gingrich, D. 53291
Mandelman, J. *see* Nesbit, L. 92191
Mander, R. *see* Degen, L. 66092
Manders, W. *see* Woerlee, P.H. 62997
Mandeville, J.B., Cardman, L.S., Dolfini, S.M., Kim, W., Laszewski, R.M., Papanicolas, C.N., Williamson, S.E., Alarcon, R., Gorgen, J., Martinez, D., Dow, K., Farkhondeh, M.M., Tieger, D., Zumbro, J., Epstein, M., Margaziotis, D., Bernstein, A., Bertozzi, W., Bhushan, V., Gilad, S., Holtrop, M., Jordan, D., McIlvain, T., Weinstein, L., Beck, R., Boeglin, W., Offermann, E.A.J.M. Measured properties of an out-of-plane spectrometer 76855
Mandeville, J.B. *see* Dolfini, S.M. 76854
Mandeville, J.R. *see* Dorundo, A.D. 69596
Mandeville, P. *see* Schaff, W.J. 62904
Mandeville, R. Client-server challenge: FDDI or Ethernet switches? 58124
Mandeville, R. *see* Lemagen, J. 65500
Mandhana, O.P., Hoft, R.G. Steady state frequency domain analysis of parallel and series parallel resonant converter 60334
Mandl, A.E. *see* Klimek, D.E. 72714
Mandour, M. *see* ElKateb, M.M. 99470
Mandrell, L. *see* Abelson, J.R. 79905
Manduchi, R. *see* Bernardini, R. 64876
Manduteanu, G.V. A power semiconductor diode with an integrated forward-current sensor 49153
Mandzhavidze, I.Z. *see* Kozelov, A.V. 88253
Mane, V. Broadband impedance of azimuthally symmetric devices in RHIC 87726
Mane, V., Shea, T. Software development with two port calibration techniques for RHIC impedance measurements 87727
Maneesha *see* Haldar, S. 81950
Manegdeg, F. *see* Garcia, R.A. 69029
Manelis, V.B. An estimate of the spatial parameters of a complex object based on its image taking anomalous errors into account 84645
Manella, A., Molfino, P., Sabbi, G.L., Repetto, M. Power losses and magnetic forces analysis in large dipole magnets cryostat 72269
Manenica, G. The implementation of finite element method in calculation of cables parameters 86032
Manenica, G. *see* Haznadar, Z. 78592
Manenica, G. *see* Haznadar, Z. 92656
Manenkov, A.B. Radiation modes of a fibre part 1: construction and properties 94072
Manenkov, A.B. *see* Kleyev, A.I. 83769
Manesse, G. *see* Rabbouch, F. 90122
Manesse, G. *see* Yan, F. 90144
Manesse, G. *see* Yao, P. 90135
Manetti, S., Piccirilli, M.C. Analysis and design of DC/DC converters using symbolic approach 60315
Manetti, S. *see* Filippelli, F.L. 92442
Manetti, S. *see* Liberatore, A. 91095
Maneval, J.-P., Phan Hong Khoi, Bland, R., Chibane, F. The electron-phonon coupling constant λ (acoustic) of YBaCuO deduced from the photoresistive response 63283
Maney, H.D. An object-oriented synthetic aperture radar processor implemented using C++ classes 84557
Maney, H.D. *see* Orwig, L.P. 77788
Manfield, D.R., Millsteed, G.K., Zukerman, M. Performance analysis of SS7 congestion controls under sustained overload 51917
Manfra, M.J. *see* Brown, E.R. 61907
Manfredi, F. *see* Gingrich, D. 53291
Manfredi, M. *see* Lanzoni, M. 62762
Manfredi, M. *see* Selmi, L. 93416
Manfredi, M. *see* Tedesco, C. 93328
Manfredi, M. *see* Zanoni, E. 62186
Manfredi, P. *see* Buttler, W. 93648
Manfredi, P.F. *see* Aulchenko, V.M. 67341
Manfredi, P.F. *see* Cantoni, P. 53306
Manfredi, P.F. *see* Cesura, G. 53344
Manfredi, P.F. *see* Radeka, V. 67380
Manfredini, T. *see* Morten, B. 92636
Manfredotti, C., Fizzotti, F., Vittone, E., Bistolfi, S., Boero, M., Polesello, P. Grain size effects in CVD diamond detectors 88052
Mang, K.M. *see* Khang, Y. 71201
Mangal, R. *see* Jayaram, S. 64111
Mangalaraj, D. *see* Gurumurugan, K. 62171
Mangalaraj, D. *see* Gurumurugan, K. 91560
Mangalaraj, D. *see* Gurumurugan, K. 92948
Mangan, M.F., Andersson, B. The role of IEC in electric vehicle standardisation 54189
Mangan, S. *see* Adel, M.E. 62346
Mangano, J. *see* Prasad, R.R. 81593
Mangat, P.S. *see* Chen, W. 71206
Mangeas, M., Cottrell, M., Girard, B., Girard, Y., Muller, C. Advantages of multilayer perceptron for modelling and forecasting time series: application to the daily electrical consumption in France 89171
Mangeot, P. *see* Authier, M. 59133
Manges, J. *see* Aberle, J.T. 73543
Mangiafico, P. *see* Neuman, M. 75034
Mangialardi, L., Mantriota, G. Automatically regulated CVT in wind power systems 53977
Mangin, J.-F. *see* Frouin, V. 76948
Mangino, J. *see* Mestha, L.K. 76513
Mangione, S. *see* Augugliaro, A. 99683
Mangir, M.S. *see* Sumida, D.S. 94426
Manglos, S.H., Smith, B.D. Practical evaluation of several cone beam orbits for SPECT 59338
Mangnall, Y.F. *see* Smallwood, R.H. 67581
Mango, S.A. *see* Du, L. 67922
Mango, S.A. *see* Jong-Sen Lee 88862
Mango, S.A. *see* Lee, J.S. 77220
Mangulis, V. Antenna sidelobes in the presence of flat reflectors 94955
Manhaeve, H.A.R., Taylor, G.E., Vanneuville, J. Fault detection and location in augmented CMOS devices, design considerations 62790
Manheimer, W.M. Gyrotrons and free electron lasers as atmospheric sensors 67827
Manheimer, W.M. *see* Gold, S.H. 76373
Manheimer, W.M. *see* Hafizi, B. 76374
Manhire, B. *see* Smith, W.C. 77861
Mani, H. *see* Maciejko, R. 82655
Mani, N., Sadananda, R. An architecture and control strategy for an artificial intelligence approach to VLSI design 93564
Mani, R. *see* Paneras, D.E. 64400
Mani, R.G., Von Klitzing, K. Temperature-insensitive offset reduction in a Hall effect device 62622
Mani, T.Aruna *see* Aruna Mani, T.
Mania, R.C. *see* Haskins, P.S. 98613
Mania, R.C. *see* McKisson, J.E. 88316
Mania, R.C. *see* McKisson, J.E. 98727
Maniakov, P.K. *see* Afanasiev, S.V. 52771
Manian, K.S.B., Pathan, F.M., Anandarao, B.G. An inexpensive sidereal drive unit for 1-m class astronomical telescopes 49136
Maniar, P. *see* Jiyoung Kim 70488
Maniar, P.D. *see* Moazzami, R. 61737
Maniar, P.D. *see* Moazzami, R. 70519
Maniar, P.D. *see* Moazzami, R. 71890
Maniar, P.D. *see* Sudhama, C. 61694
Maniatopoulos, A. *see* Papadopoulos, C. 75062
Maniccia, D., Luan, X. Methods for assessing the maintained and initial detection performance of occupancy sensors 90625
Manickam, T.G., Vaccaro, R.J. A non-iterative deconvolution method for estimating multipath channel responses 74056
Maniev, V.M. *see* Aydin, Z.Z. 98394
Manifesto, I.E. The calculation of three-phase short circuit currents 53597
Manikas, A. *see* Takai, N. 84542
Maniloff, E. *see* Bernet, S. 56975
Maniloff, E.S., Altner, S.B., Bernet, S., Graf, F.R., Renn, A., Wild, P.U. Spectral hole burning holography in optical memory systems 56318
Manini, M. *see* Moglie, F. 49631
Manini, P., Marino, M., Belloni, F., Porro, M. High capacity getter pump for UHV operation 87646
Manione, R., Paschetta, E. An inconsistencies tolerant approach in the fault diagnosis of telecommunications networks 52002
Manis, G. *see* Papakonstantinou, G. 67561
Manivannan, A., Santiago, Y., Cabrera, C.R. Scanning tunneling microscopy and spectroscopy of MoS_2 thin films prepared by an intercalation-exfoliation method 71137
Manivannan, A., Sharp, P.F., Forrester, J.V. Performance measurements of an infrared digital scanning laser ophthalmoscope 76973
Manivannan, G., Changkakoti, R., Lessard, R.A., Mailhot, G., Bolte, M. Dichromated poly(vinyl alcohol)—xanthene dye systems: holographic characterization and ESR spectroscopic study 56999
Manivannan, G., Leclere, P., Van Den Bossche, G., Sobry, R., Fontaine, F., Changkakoti, R., Renotte, Y., Lion, Y., Lessard, R.A. Small angle X-ray scattering (SAXS) investigation on holographic recording materials 57006
Manivannan, G., Lemelin, G., Changkakoti, R., Lessard, R.A. Computer-generated holograms on a metal ion-doped polymer system: contact copying 64018
Manivannan, G., Mailhot, G., Bolte, M., Lessard, R.A. Xanthene dye sensitized dichromated poly(vinyl alcohol) recording materials: holographic characterization and ESR spectroscopic study 83389
Manivannan, G., Nikolov, O., Kardinahl, T., Keune, W., Franke, H., Changkakoti, R., Lessard, R.A. Charge transfer phenomenon in optical storage material: Fe^{3+} doped poly(vinyl alcohol) 57000
Manivannan, G. *see* Changkakoti, R. 56916
Manivannan, G. *see* Couture, J.J.A. 56956
Manivannan, G. *see* Lemelin, G. 83368
Manivannan, P., Subrahmanyam, A. Electrical characterization of electron beam evaporated indium tin oxide/indium phosphide junctions 81392
Manji, J.F. *see* Weil, M. 65578
Manke, S. *see* Bodenhausen, U. 73829
Manke, S. *see* Bregler, C. 73822
Mankiewich, P.M. *see* Berkowitz, S.J. 82352
Mankki, P. Electric power production capacity planning under uncertainty 53613
Mankoff, D.A. *see* Kohlmyer, S.G. 98833
Manku, T., Nathan, A., O, N., Aflatooni, K., Allegretto, W. Modeling of encapsulation stress effects on output response of Hall sensors 97903
Manley, D. *see* Anderson, N. 79703
Manley, M.C.G. *see* Mirlohi, H.R. 98750
Manley, M.H. *see* Hoffstetter, D.M. 61685
Manli Xiong *see* Xiong Manli
Manlief, M.D. *see* Aized, D. 82464
Manly, S. *see* Abe, K. 88115
Mann, A.G. *see* Fisk, P.T.H. 86912
Mann, A.G. *see* Luiten, A.N. 80669
Mann, C.A. *see* Sterman, M.B. 99054
Mann, E.W. Electric cars—environmental pollution reduction while maintaining personal mobility 100890
Mann, J., Hummel, R. Spotlight-mode synthetic aperture radar without Fourier transforms 74357
Mann, J., Lenschow, D.H. Errors in airborne flux measurements 88755
Mann, J. *see* Camas, J. 76612
Mann, J. *see* Camas, J. 76613
Mann, J. *see* Chapman, J. 59178
Mann, J. *see* Chapman, J.W. 59148
Mann, L.A., Gupta, S.P. A high mechanical strength Z5U dielectric for surface mount MLC capacitors 92647
Mann, L.A. *see* Gupta, S.P. 55440
Mann, M. *see* Kohlbrecher, J. 57016
Mann, R. *see* Biddle, M.B. 69546
Mann, R.F. *see* Amphlett, J.C. 60441
Mann, R.S., Kehoe, D.F. The quality improvement activities of total quality management. I 79445
Mann, R.S., Kehoe, D.F. The implementation of total quality management. II 79446
Mann, S.M. *see* Dimbylow, P.J. 88571
Mann, S.M. *see* Marvin, A.C. 76185
Mann-Li Chang *see* Chang, C.-I. 95907
Manna, M. *see* Annovazzi-Lodi, V. 72863
Manna, M. *see* Leblond, H. 57073
Manna, M. *see* Leblond, H. 94761
Manna, M.La *see* La Manna, M.
Mannaerts, J.P. *see* Grober, L.H. 54838
Mannaerts, J.P. *see* Hong, M. 55648
Mannaerts, J.P. *see* Hong, M. 56770
Mannaerts, J.P. *see* Hong, M. 81480
Mannaerts, J.P. *see* Passlack, M. 56091
Mannaerts, J.P. *see* Vakhshoori, D. 72832
Mannan, S.H., Ekere, N.N., Ismail, I., Lo, E.K. Squeegee deformation study in the stencil printing of solder pastes 80994
Mannan, S.H. *see* Ekere, N.N. 55468
Mannelli, I. *see* Fanti, V. 76788
Mannelli, M. *see* Anderson, B.E. 88246
Manner, O., Scholl, G., Wagner, K.C., Ruile, W. Signal flow graph analysis of transverse modes in a two-port SAW resonator 99324
Manner, O. *see* Wagner, K.C. 92347
Manner, O. *see* Zidek, H.P. 93828
Manner, R. *see* Baur, R. 59182
Manner, R. *see* Klefenz, F. 98664
Manner, R. *see* Ramacher, U. 49600
Mannerts, J. *see* Schubert, E.F. 56511
Manni, A.R. *see* Franceschetti, G. 77679
Manninen, A.J. *see* Alles, H. 58860
Manninen, P. *see* Laine, A. 78470
Manning, M.R.W., Gell, M.A. A neural network service assignment model 51957
Manning, R. *see* Ellis, A.D. 65811
Manning, R.J., Davies, D.A.O. Three-wavelength device for all-optical signal processing 64787
Manning, R.J., Davies, D.A.O., Cotter, S., Lucek, J.K. Enhanced recovery rates in semiconductor laser amplifiers using optical pumping 56776
Manning, R.J., Davies, D.A.O., Lucek, J.K. Recovery rates in semiconductor laser amplifiers: optical and electrical bias dependencies 72903
Manning, R.M. *see* Dobrowolny, M. 88635
Mannino, M.V., In Jun Choi, Rathnam, S. Formal specifications and command modeling in software systems with a complex command structure 52123
Manno, I. *see* Ranucci, G. 98551
Mannocchi, G. *see* Benetti, P. 67327

Mannoh, M., Kamiyama, S., Hoshina, J., Kidoguchi, I., Ohta, H., Ishibashi, A., Ban, Y., Ohnaka, K. Extremely low threshold current operation of 638 nm GaInP/AlGaInP strained MQW lasers 63860
Mannoh, M. *see* Kamiyama, S. 63759
Mannoh, M. *see* Kamiyama, S. 72854
Mannoh, M. *see* Kamiyama, S. 94505
Mannoh, M. *see* Kidoguchi, I. 63861
Mannoh, M. *see* Kidoguchi, I. 72847
Manns, J. *see* Schwille, W.J. 76785
Mannsaker, B. *see* Haugen, R.B. 52224
Mannsaker, B. *see* Haugen, R.B. 85864
Mannucci, A.J. *see* Wilson, B.D. 73330
Mannucci, F. *see* Gennari, S. 68654
Mannucci, F. *see* Herbst, T.M. 66429
Mano, F. *see* Sugino, T. 70119
Mano, K., Oguchi, K., Ikeda, K. Techniques for improving subjective quality of PSI-CELP and its evaluation results 57421
Mano, K. *see* Miki, S. 51425
Mano, K. *see* Miki, S. 57417
Mano, K. *see* Moriya, T. 51420
Mano, K. *see* Moriya, T. 57420
Mano, K. *see* Ohmuro, H. 51369
Mano, M. *see* Naiki, I. 92196
Mano, T. *see* Ina, K. 99331
Manochs, D., Canny, J.F. Multipolynomial resultants and linear algebra 69836
Manock, J.C. *see* Clech, J.-P.M. 91152
Manodoro, P. *see* Bruno, G. 55777
Manohar, K.G. *see* Singh, S. 72709
Manohar, M. *see* Perez-Lopez, K. 57835
Manohar, R., Roy, M.N. Intersystem analysis of geostationary satellite systems—an alternative approach 97187
Manohar, S. *see* Lakshmikantam, Ch. 55076
Manohar, S. *see* Lakshmikantam, Ch. 61481
Manoharan, H. *see* Kurdak, C. 62890
Manoj, L. *see* Yavatkar, R. 58192
Manolache, F., Sandu, D.D. Quantum effects modeled by electric circuits 49129
Manolakis, D.E. Computation of aircraft geometric height under radar surveillance for non-level flights 59480
Manolakis, D.E., Lefas, C.C., Dounis, A.I. Inherent bias assessment in height computation employing mixed-type radar data 97478
Manolakos, E.S. *see* Kechriotis, G. 51283
Manolakos, E.S. *see* Kechriotis, G. 51290
Manolakos, E.S. *see* Kechriotis, G.I. 74107
Manolakos, E.S. *see* Stellakis, H.M. 84430
Manolessos, Y. *see* Lioupas, Z. 96509
Manoli, Y. *see* Dudaicevs, H. 66246
Manoli, Y. *see* Kakerow, R. 66282
Manoli, Y. *see* Kordas, N. 67439
Manoli, Y. *see* Meyer, H. 58862
Manor, D., Shofti, R., Sideman, S., Beyar, R. Quantitative sorting of normal and abnormal coronary flow wave form shapes 88353
Manor, Y. *see* Johnson, L. 86685
Manorama, S., Sarala Devi, G., Rao, V.J. Hydrogen sulfide sensor based on tin oxide deposited by spray pyrolysis and microwave plasma chemical vapor deposition 66581
Manory, R.R. *see* Weiser, P.S. 79906
Manos, G.K., Cairns, A.Y., Rickets, I.W., Sinclair, D. Segmenting radiographs of the hand and wrist 76935
Manouchehri, D., Hansen, J.M., Wu, C.M., Yamamoto, B.S., Graham, T. Robotic end-effector for rewaterproofing Shuttle tiles 53490
Manousiouthakis, V. *see* Wilcoxson, M. 62445
Manoussakis, Y. *see* Bang-Jensen, J. 69711
Manoussakis, Y. *see* Fernandez de le Vega, W. 74764
Manov, A.H. *see* Christova, K.K. 71215
Manqing Wu *see* Wu Manqing
Manring, E.B. *see* Pyati, V.P. 79733
Manry, M.T. *see* Liu, L.M. 57819
Mansart, D. *see* Mage, J.C. 82321
Mansell, A., Bateman, A. Practical implementation issues for adaptive predistortion transmitter linearisation 52437
Mansell, A.D., Shen, J. Pulse converters in traction applications 78940
Mansell, A.D. *see* Ellams, P. 54097
Mansell, G., Highet, B. A Dollar each way: a partnership approach to contracting in New Zealand [electric utilities] 89130
Mansell, R. A networked economy: unmasking the "globalisation" thesis 58037
Mansell, R., Jenkins, M. Telecommunication strategies: Incremental change in Europe 96373
Mansen, A.J. *see* Jenkins, W.K. 80452
Manseop Lee, Sungsoo Kang A FTTH network for integrated services of CATV, POTS and ISDN in Korea 85881
Manser, H., Zagar, B., Weiss, H., Mittendorfer, R., Eder, H. Basic instrumentation and measurement lab for 'Telematik' students 69404
Mansfel'd, G.D. *see* Krutov, B.N. 76276
Mansfeld, M., Lang, W. Cooling of silicon structures using an integrated Peltier element 66324
Mansfield, J.F. *see* Karpenko, O.P. 79793
Mansfields, W. *see* Manchanda, L. 93617
Manshadi, S. *see* Johnsen, T. 95207
Mansingh, A. *see* Tandon, S. 79902
Mansley, J.A. *see* Scott, R.F. 88739
Manson, A.H. *see* Namboothiri, S.P. 88774
Mansoor, A., Grady, W.M., Chowdhury, A.H., Samotyi, M.J. An investigation of harmonics attenuation and diversity among distributed single-phase power electronic loads 89235
Mansoor, A. *see* Chowdhury, A.H. 100270
Mansoor, A. *see* Karady, G.C. 49164
Mansoorian, B. *see* Krishnamoorthy, A.V. 56477
Mansoulie, B. *see* Gingrich, D. 53291
Mansour, B.A. *see* Zayed, H.A. 62203
Mansour, F.F., Liebich, R.E. Acoustical modeling of a large flue-gas draft system 89646
Mansour, H.A. *see* Abdel-Halim, I.A.M. 78620
Mansour, H.A. *see* Abdel-Halim, I.A.M. 78624
Mansour, J. *see* de Barbaro, P. 98584
Mansour, K. *see* Perry, J.W. 56288
Mansour, M.M. *see* El-Arabaty, A.M. 78610
Mansour, M.M. *see* Mashaly, H.M. 100766
Mansour, N.S., Yang Wang, Brennan, K.F. Monte Carlo based calculations of hole transport including the hole-plasmon interaction in degenerate bulk GaAs 49779
Mansour, N.S. *see* Yang Wang 58751
Mansour, R.R. Design of superconductive multiplexers using single-mode and dual-mode filters 70846
Mansour, R.R., Dokas, V. C-band externally-equalized superconductive input channel filters 80621
Mansour, R.R. *see* Ye, S. 80622
Mansour, Y., Wilsun Xu, Alvarado, F., Chhewang Rinzin SVC placement using critical modes of voltage instability 78033
Mansour, Y., Xu, W., Alvarado, F., Rinzin, C. SVC placement using critical modes of voltage instability 53625
Mansour, Y. *see* Coppersmith, D. 73744
Mansour, Y. *see* Wilsun Xu 78062
Mansour, Y. *see* Xu, W. 59784
Mansour, Y. *see* Xu, W. 78686
Mansour Jaragh *see* Saleh, K. 52136
Mansouri, L. *see* Wang, J. 71590
Mansouri, L. *see* Wang, J. 81782
Mansouri, S. *see* Benamara, Z. 81877
Mansson, H.-C. *see* Deppert, K. 62475
Mansson, L. High level specification of a telecom application with SDL'92 96516
Mansten, T. *see* Sipola, H. 86894
Mansun Chan, Yuen, S.S., Zhi-Jian Ma, Hui, , K.Y., Ko, P.K., Chenming Hu Comparison of ESD protection capability of SOI and bulk CMOS output buffers 62988
Mansuripur, M. *see* Hong Fu 63209
Mansuripur, M. *see* Hong Fu 82276
Mansuripur, M. *see* Sugaya, S. 82277
Mansuripur, M. *see* Sugaya, S. 82750
Mansurov, V.G. *see* Bykov, A.A. 81326
Mansurov, V.G. *see* Bykov, A.A. 82002
Mansurov, V.V. *see* Skripov, V.P. 81749
Mansutti, A. Prejudices and realities about nuclear instrumentation 60071
Mant, G. *see* Svensson, A. 76860
Mantakas, C. *see* Kourtis, A. 85989
Mantei, M. *see* Haythornthwaite, C. 51933
Mantei, T.D. The plasma etching of electronic materials 62484
Mantei, T.D. *see* Dane, D. 71365
Mantei, T.D. *see* Ring, Z. 70111
Manteiga, W.G., Sanchez, J.M.P., Romo, J. The bootstrap—a review 69669
Mantel, M. *see* Hammer, J.W. 82911
Mantese, J.V. *see* Catalan, A.B. 80901
Manthorpe, S. Buffering and packet loss in the DQDB to ATM interworking unit 51784
Manthorpe, S. *see* Aalto, S. 58173
Manthorpe, S. *see* Kvols, K. 65385
Mantle, H., Wenger, P.-A. The role of ETNO in the changing European telecommunications environment 96362
Mantooth, H.A. *see* Budihardjo, I. 93446
Mantovani, F. *see* Bondi, M. 58518
Mantriota, G. *see* Mangialardi, L. 53977
Mantripp, D.R. *see* Cudlip, W. 77272
Mantripp, D.R. *see* Scott, R.F. 88739
Manugian, D. Using scrap tires in a tires-to-energy facility 89573
Manuilov, I. *see* Cardini, A. 67354
Manukian, H.H. *see* Markarian, G. 97013
Manukovskii, A.V. *see* Kletsel, M.Ya. 78224
Manus, S. *see* Drexler, H. 62257
Manus, S. *see* Godel, W. 61899
Manuzio, G. *see* Horvath, D. 53123
Manwielian, P.M. *see* Alichanian, K.A. 78549
Manxia Tie *see* Tie Manxia
Manyika, J.M., Durrant-Whyte, H.F. A tracking sonar sensor for vehicle guidance 58678
Manyika, J.M., Durrant-Whyte, H.F. On sensor management in decentralized data fusion 73990
Manyin, M. *see* Hasler, A.F. 64786
Manyuk'yan, A.A. Determination of the coordinates of local inhomogeneities on the surface of an object from the multifrequency amplitude-phase backscattering diagram in the presence of phase distortions 97407
Manz, W. *see* Kaiser, N. 52513
Manzalini, A., Bregni, S., Valtriani, L. A practical estimate methodology for MRTIE and related issues 51954
Manzalini, A. *see* Bregni, S. 74831
Manzbos, V.N., Kokin, V.N., Adamovitch, A.A., Timoshenko, S.V., Kondrashov, Ye.V. Quasi-optimal adaptive space-time processing of signals on the background of the non-Gaussian interference 51478
Manzhula, V.G. *see* Anisimov, V.I. 55114
Manzin, G. *see* Alunni, L. 88010
Manzin, G. *see* Bouclier, R. 87985
Manzin, G. *see* Bouclier, R. 88109
Manzin, G. *see* Bouclier, R. 98617
Manzo, G. *see* Shaw, P.S. 81130
Manzoor, S., Qureshi, I.E., Shahzad, M.I., Khan, H.A., Zafar, M.S. Interaction of 15.9 MeV/u ^{197}Au ions with ^{nat}Au and ^{209}Bi as targets on CR-39 plastic track detectors 88163
Manzoor, S. *see* Shahzad, M.I. 88167
Manzoul, M.A., Jayabharathi, D. CAD tool for implementation of fuzzy controllers on FPGAs 80255
Mao, C.-Y. *see* Hung, H.-S. 95465
Mao, H.S. *see* Bai, J.Z. 53324
Mao, J. *see* Rochon, R. 56326
Mao, J.M., Huang, Y., Du, Q.H., Zhou, J.M., Cai, L.H., Li, N., Zhou, W.Y., Qian, S.F., Wang, G., Fu, C.S., Ding, X.Z., Xie, S.S. Comparison of transport scattering and single-particle relaxation times in modulation-doped heterostructures 71158
Mao, S.N. *see* Lai, Y.S. 100787
Mao, X.M. *see* Li, D.L. 69911
Mao, Y., Krier, A. Energy-band offsets and electroluminescence in n-$InAs_{1-x}Sb_x$/N-GaSb heterojunctions grown by liquid phase epitaxy 71165
Mao, Y.L. *see* Duley, W.W. 73190
Mao, Z., Li, L.-T., Yao, X. A low-firing high properties MLC 55443
Mao, Z.M., Huang, W.P. Analysis of polarization rotation in periodically loaded rib waveguides by transfer matrix method 64194
Mao, Z.P. *see* Bai, J.Z. 53324
Mao Chao-Tang *see* Chao-Tang Mao
Mao Chengsheng *see* Xie Jialin 72933
Mao Chi-Yu *see* Chi-Yu Mao
Mao Dali, Lin Dongliang, Shi Changxin Thermal stability of W-nitride thin film on GaAs substrate 81347
Mao Duli *see* Duli Mao
Mao Hai Xie *see* Ohtani, N. 61246
Mao Huishun, Wang Guoliang, Shi Haunzhang, Liu Nianzong, Zhang Ge, Zhang Zhuxiang, Zhang Caidi, Zheng Linsheng, Zhou Yongsheng, Hu Lidong, Zhao Xiaojian, Zhong Xuechu, Tan Yiping, Han Shiwen The structure and materials of scintillator/fiber calorimeter and radiation hardness 98593
Mao Jianchang *see* Jianchang Mao
Mao Jicheng, Wang Chaijie, Zhang Yaming Communication between different microcomputers in distributed system 85650
Mao Jun-Fa *see* Jun-Fa Mao
Mao Junfa, Li Zhengfan Laplace transform analysis of time-domain response of nonuniform transmission lines 51150
Mao Lun *see* Lun Mao
Mao Ming-Hua *see* Ming-Hua Mao
Mao Minyao *see* Minyao Mao
Mao Naifeng *see* Naifeng Mao
Mao Rongqiang *see* Rongqiang Mao
Mao Sen *see* Sen Mao
Mao Shi-Yi *see* Shi-Yi Mao
Mao Shiyi *see* Huang Yonghong 97415
Mao Shiyi *see* Shiyi Mao
Mao Weiwei *see* Weiwei Mao
Mao Wenbo *see* Wenbo Mao
Mao Xianjun *see* Xianjun Mao
Mao Xueyan *see* Xue Yusheng 53681
Mao Yajun *see* Chen Zhicai 67272
Mao Yimin *see* Yimin Mao
Mao Yu-Shi *see* Yu-Shi Mao
Mao-Chao Lin, Shang-Chih Ma A coded modulation scheme with interblock memory 51360
Mao-Chao Lin *see* Shang-Chih Ma 95186
Mao-Chieh Chen *see* Jung-Chao Chiou 48974
Mao-Fu Lai *see* Guan-Chyun Hsieh 90049
Mao-Fu Lai *see* Guan-Chyun Hsieh 90150
Mao-Qi He *see* Zhong-Min Ren 48961
Mao-Song Yen, Shao-Hua Zhang Probabilistic simulation and optimal operation for pumped-storage plants 60127
Mao-Song Yen *see* Yi-Qun He 59819
Maoguan Feng *see* Feng Maoguan
Maoh-Chin Jiang, Ching-Tsai Pan An instantaneous amplitude detector for variable frequency three-phase sinusoidal signals 58711
Maoh-Chin Jiang, Ching-Tsai Pan, Long-Sen Yang An economic three-phase current-forced reversible AC to DC converter 100253
Maoh-Chin Jiang *see* Ching-Tsai Pan 70290
Maoh-Chin Jiang *see* Ching-Tsai Pan 91951
Maoli, R. *see* Febvre, P. 66013
Maoliu Lin *see* Lin Maoliu
MaoLui Lin *see* Lin MaoLui
Maosheng Zhen *see* Zhen Maosheng
Maouche, K. *see* Slock, D.T.M. 95463
Maoyong Lin *see* Lin Maoyong
Maoz, B. *see* Moniz, J.M. 80791
Maoz, B. *see* Wang, M.S. 86223
Mapes-Riordan, D. *see* Post, J.T. 97725
Maple, M.B. *see* Sun, A.G. 82371
Mapp, G. *see* Richardson, T. 85630
Mapps, D.J. *see* Darragh, N.R. 50307
Mapps, D.J. *see* Wilton, D.T. 72154

Maqsood, A. *see* Awan, M.S. 79766
Maqsood, M. *see* Awan, M.S. 79766
Maquet, A., Millack, T., Veniard, V. High order harmonic generation and atomic stabilization in ultra-intense laser pulses 73069
Maquin, D. *see* Kratz, F. 69627
Mar, A., Helkey, R., Bowers, J., Mehuys, D., Welch, D. Mode-locked operation of a master oscillator power amplifier 83160
Mara, K.J. Procedure for designing concrete-encased ductlines for medium voltage cables 78101
Maracas, G.N. *see* Cody, J.G. 56751
Maracas, G.N. *see* Droopad, R. 54913
Maracas, G.N. *see* Fathollahnejad, H. 72904
Maracas, G.N. *see* Kuo, C.H. 55570
Maracas, G.N. *see* Mathine, D.L. 54877
Maracas, K.B. Electric and magnetic fields 67636
Maradei, E. *see* Feliziani, M. 83434
Maradei, F. *see* Feliziani, M. 73266
Maradudin, A.A. *see* Tran, P. 57084
Marafih, N.M., Ya-Qin Zhang, Pickholtz, R.L. Modeling and queueing analysis of variable-bit-rate coded video sources in ATM networks 57716
Maragos, P. Morphological systems: slope transforms and max-min difference and differential equations 73983
Maragos, P. *see* Hanson, H.M. 64368
Maragos, P. *see* Hanson, H.M. 84130
Maragos, P. *see* Potamianos, A. 57326
Maragos, P. *see* Yang, P.-F. 84963
Marais, R., Bowles, B. Object-oriented expert system for evaluating land-mobile radio communications options 68141
Marais, E.L. The proposed use of GPS to provide the frequency traceability for a Josephson Array Voltage Standard 86833
Marakhonov, V.M. *see* Kozlovskii, V.V. 50104
Marakhonov, V.M. *see* Zhilyaev, Yu.V. 81980
Maral, G. *see* Dosiere, F. 75297
Maranda, B.H. *see* Fawcett, J.A. 97453
Maranesi, P.G. *see* Lamantia, A. 55124
Marangos, J. *see* Nagamine, K. 76397
Marangos, J.P. *see* Tisch, J.W.G. 63942
Marani, A. *see* Ramos, J.R. 67999
Marani, R. *see* Li, X. 83298
Maranowski, K.D. *see* Wang, S. 72128
Maranowski, S.A., Chen, E.I., Holonyak, N., Jr., Richard, T.A. $Al_xGa_{1-x}As$-GaAs-$In_yGa_{1-y}As$ quantum well heterostructure lasers with native oxide current-blocking windows formed on metallized devices 50808
Maranowski, S.A. *see* Ries, M.J. 72877
Marantidis, C., Van Way, C.B., Kudva, J.N. Acoustic-emission sensing in an on-board smart structural health monitoring system for military aircraft 99066
Marantz, R. *see* Badrinath, B.R. 96722
Marapane, S.B., Trivedi, M.M. Multi-primitive hierarchical (MPH) stereo analysis 51587
Marasco, K. *see* Woo, C. 80811
Marasinghe, G.K., Pringle, O.A., Long, G.J., Grandjean, F., Yelon, W.B. Preferential silicon site occupation in $Y_2Fe_{14-y}Si_yB$ 50181
Maratos, N. *see* Vournas, C.D. 59756
Maratukulam, D. *see* Iravani, M.R. 77989
Maratukulam, D. *see* Karady, G.G. 78004
Maratukulam, D. *see* Rajkumar, V. 89000
Maratukulam, D.J. *see* Yu Wang 88946
Marc, F., Fremont, H., Jounet, P., Danto, Y. Quick and exhaustive descrambling methodology for high-density static random access memories using voltage contrast 61689
Marca, J.R.B.de *see* de Marca, J.R.B.
Marcacci, M. *see* Wang, T. 76877
Marcano, G., Zanatta, A.R., Chambouleyron, I. Photoconductivity of intrinsic and nitrogen-doped hydrogenated amorphous germanium thin films 56517
Marcantonio, U.Di *see* Di Marcantonio, U.
Marceau, M. *see* Voldman, S. 63008
Marceau, R.J., Galiana, F.D., Mailhot, R., Denomme, F., McGillis, D.T. Fourier methods for estimating power system stability limits 53652
Marceau, R.J., Galiana, F.D., Mailhot, R., Denomme, F., McGillis, D.T. Fourier methods for estimating power system stability limits 77949
Marcellan, F. *see* Cachafeiro, A. 69824
Marcelli, A., Pavlidis, T. Using projections for preclassification of character shape 95643
Marcelli, A. *see* Ablameyko, S. 84847
Marcelli, A. *see* Burattini, E. 87745
Marcelli, R. *see* Chen, H. 50390
Marcelli, R. *see* Chen, H. 53039
Marcellin, M.W. On entropy-constrained trellis coded quantization 51324
Marcellin, M.W. *see* Sriram, P. 57429
Marcellin, M.W. *see* Sriram, P. 85051
Marcelo, R.M., Ruiz, M.J.P., Shinoda, K.I. On automorphism groups of some PCS graphs 79616
Marcenac, D.D., Carroll, J.E. Distinction between multimoded and singlemoded self-pulsations-in DFB lasers 72799
Marcenac, D.D., Carroll, J.E. Modeling of intensity noise including squeezing in DFB and Fabry-Perot semiconductor laser diodes 83120
Marcenac, D.D. *see* Tsang, C.F. 50722
Marcenac, D.D. *see* Zhang, L.M. 72857
March, R. Cost benefit analysis for condition monitoring 78255
Marchal, G. *see* Bellon, E. 85614
Marchal, G. *see* Bellon, E. 88473
Marchal, G. *see* Vandermeulen, D. 98796
Marchal, P. *see* Anton, J.-L. 64751
Marchal, R. An overall experimental method of measurement of emissivity [camouflage] 58994
Marchand, J.-F. *see* Boucher, J.-M. 77595
Marchand, J.L. *see* Martinez, A. 77622
Marchand, P. *see* Urquhart, K.S. 64033
Marchand, P.J., Krishnamoorthy, A.V., Esener, S.C., Efron, U. Optically augmented 3-D computer: technology and architecture 50624
Marchand, P.J., Krishnamoorthy, A.V., Harvey, P.C., Yayla, G.I., Esener, S.C. Motionless-head for parallel readout optical disk for optoelectronic content addressable memory system 56323
Marchandise, X. *see* Millaire, A. 67468
Marchant, J. *see* Baumbaugh, B. 59149
Marchegay, P. *see* Dallet, D. 87058
Marchegiano, J.E. *see* Thomson, J.E. 50714
Marchenko, A. *see* Savvin, Yu. 56523
Marchenko, I.G. *see* Korshunov, F.P. 55594
Marchenko, I.G. *see* Lastovskii, S.B. 55633
Marchenko, V.A. *see* Beshenkov, V.G. 71341
Marchenkot, G.N. *see* Pautov, V.P. 88157
Marchesani, R. *see* Benvenuto, N. 97012
Marchesani, R. *see* Guidotti, G. 96892
Marchese, P. Graphical method analyzes constant-phase-shift networks 61784
Marchesi, G. *see* Chioffi, E. 92243
Marchesi, M.L., Molinari, G., Repetto, M. A parallel simulated annealing algorithm for the design of magnetic structures 83564
Marchesoni, M. *see* Fracchia, M. 54193
Marchetti, F.M. *see* Clary, A. 75345
Marchetti, G. *see* Aglietta, M. 67318
Marchetti, S., Simili, R. Transverse MIR fast response in PbSe films 82802
Marchetti, S., Simili, R. Synchronisation effects in broadband FIR Raman scattering in NH_3 83287
Marchetti, U. *see* Anagni, F. 66412
Marchetti-Stasi, F. *see* Buontempo, S. 53296
Marchetti-Stasi, F. *see* Buontempo, S. 53297
Marchetti-Stasi, F. *see* Buontempo, S. 87987
Marchetti-Stasi, F. *see* Buontempo, S. 98502
Marchi, A.De *see* De Marchi, A.
Marchi, M.M. *see* Brown, G.M. 73154
Marchildon, L. *see* Abdulnour, J. 70827
Marchioro, A. *see* Christiansen, J. 76838
Marchioro, A. *see* Ljuslin, C. 88224
Marchioro, A. *see* Ljuslin, C. 98700
Marchis, G.De *see* De Marchis, G.
Marchisio, P., Venuti, G. Forthcoming standards for multimedia and hypermedia applications 65147
Marchman, H.M., Griffith, J.E., Filas, R.W. Fabrication of optical fiber probes for nanometer-scale dimensional metrology 87260
Marchman, H.M. *see* Griffith, J.E. 62564
Marchuk, L.A., Fattakhov, V.V. Special features of the control algorithm for an adaptive array to be synthesized in accordance with a minimization criterion of the output signal power 57453
Marchuk, L.A., Vattakhov, V.V. Analysis of the mutual coupling effect of antenna elements on the effectiveness of adaptive spatial signal processing 57454
Marchywka, M., Moses, D. Optical characterization of diamond MIS capacitors 75987
Marcilhac, B. *see* Mage, J.C. 82099
Marcilhac, B. *see* Mage, J.C. 82321
Marcillac, P.de *see* de Marcillac, P.
Marcin, M.R. *see* Graessle, S. 59062
Marck, H.Van *see* Van Marck, H.
Marco, Ch., Morillo, P. The use of elliptic curves in smart cards 83981
Marco, M.De *see* De Marco, M.
Marco, N.De *see* De Marco, N.
Marco, S. *see* Samitier, J. 58885
Marco, S.Del *see* Del Marco, S.
Marcopulos, J., Fletcher, F.B. A two layer resource management model for wireless communications 85537
Marcos, M. *see* Orive, D. 58112
Marcos, S. *see* Marsal, A. 84447
Marcoux, P.P. Economical silicon on glass interconnection 60954
Marcu, G., Iwata, K. Color classification of images based on binary tree splitting method 74520
Marculescu, D. *see* Marculescu, R. 92153
Marculescu, R., Marculescu, D., Pedram, M. Switching activity analysis considering spatiotemporal correlations 92153
Marcus, A. *see* Juravel, Y. 94274
Marcus, B. *see* Fayette, L. 70086
Marcus, B. *see* Fayette, L. 70090
Marcus, J.N. Phonetic recognition in a segment-based HMM 84073
Marcus, M.A. Requirements for distributed sensor technology in process control systems 52903
Marcus, M.J. Spectrum management implications of millimeter wave technology 97514
Marcus, R.B. *see* Liu, D. 62073
Marcuse, D. Noise properties of four-wave mixing of signal and noise 75401
Marcuse, D., Chraplyvy, A.R., Tkach, R.W. Dependence of cross-phase modulation on channel number in fiber WDM systems 65839
Marcuse, D. *see* Forghieri, F. 75419
Marczewska, G. *see* Korbicz, J. 53694
Marczuk, K. *see* Rysiakiewicz-Pasek, E. 56298
Mardanov, S.S. *see* Babayev, D.A. 54706
Mardanov, S.S. *see* Babayev, D.A. 61119
Marder, B.M. *see* Lemke, R.W. 62118
Marder, S.R. *see* Perry, J.W. 56288
Mardiguian, M. ESD hardening of plastic housed equipment 91004
Mardikian, J. How to use VERONICA to find information on the Internet 75018
Mardion, G.Bon *see* Bon Mardion, G.
Mardirossian, G., Matsushita, T., Luo, D., Clune, T., Botz, E., Brill, A.B. Calibration of X-ray fluorescence thyroid imaging measurement system 59378
Mardor, I. *see* Wu, J. 98659
Marechal, Y., Coulomb, J.L., Meunier, G., Touzot, G. Use of the diffuse approximation method for electromagnetic field computation 83445
Marechal, Y. *see* Schaeffer, C. 69138
Mareels, I. *see* Clarkson, V. 75601
Mareev, K. *see* Nikulin, A. 82452
Marek-Sadowska, M. *see* Cheng, D.I. 91252
Marek-Sadowska, M. *see* Chien-Chung Tsai 91984
Marek-Sadowska, M. *see* Chih-chang Lin 91817
Marek-Sadowska, M. *see* Shih-Chieh Chang 91982
Marek-Sadowska, M. *see* Vittal, A. 93525
Marek-Sadowska, M. *see* Wu, Y.-L. 49324
Marek-Sadowska Malgorzata *see* Malgorzata Marek-Sadowska
Marel, J.van der *see* van der Marel, J.
Mares, J.J. *see* Stepanek, B. 54815
Maresca, M., Ottaviani, G., Poretta, S., Testi, G. Aspects of standard specifications for high power electronic equipment 68757
Marescaux, D. All metal bakeable piezoelectric valve 78769
Maret, G. *see* Rub, P. 83542
Marfaing, Y. Limits of acceptor impurity doping in wide band gap II-VI semiconductors 71280
Marfaing, Y. *see* Guergouri, K. 48930
Marfaing, Y. *see* Sallet, V. 48936
Margaard, T. *see* Canelhas, A. 68901
Margail, J. *see* Garcia, A. 93237
Margalit, A. *see* Gagliardi, R.M. 84589
Margaritescu, A. *see* Martin, D. 67271
Margaritis, G., McGarry, F.J. A method to predict cracking in IC plastic packages 82006
Margaritis, G., Sikorski, S.A., McGarry, F.J. Elastic-plastic finite element method analysis and application of the island blister test 61441
Margarito, R. *see* Gardan, D. 86382
Margaritondo, G. *see* Abrami, A. 98715
Margaritondo, G. *see* Almeida, J. 87994
Margaziotis, D. *see* Mandeville, J.B. 76855
Marge, B.D., Seyed-Yagoobi, J. Heat transfer enhancement under various orientations resulting from attraction mode induction electrohydrodynamic pumping 100146
Margenov, S.D., Vassilevski, P.S. Algebraic multilevel preconditioning of anisotropic elliptic problems 79721
Margenov, S.D. *see* Lirkov, I.D. 79692
Margerie, S.de *see* de Margerie, S.
Margerum, E.A. *see* Hevenor, R.A. 58474
Margetides, S. *see* Tesarek, R.J. 98504
Margheim, A. *see* Sanders, B. 65253
Marghitu, O.V. *see* Marghitu, S. 67036
Marghitu, S., Marghitu, O.V. Three gradient method for the determination of charged particle beams emittance 67036
Margineda, J. *see* Munoz, J. 66145
Margiotta, A.R. *see* Cecchini, S. 88183
Margittai, P., Evans, J. In-orbit performance of the Anik C and D solar arrays 99107
Margo, V.A., Etter, D.M., Carlson, N.C., Gross, J.H. Multiple short-length adaptive filters for time-varying echo cancellations 77761
Margolin, G.L. *see* Tuzikov, A.V. 64637
Margottin-Maclou, M. *see* Henry, A. 63818
Margotton, G. *see* Beraud, R. 67398
Margouleff, D. *see* Dhawan, V. 88450
Margulies, S. Effects of hadron irradiation on scintillating fibers 76766
Margulies, S. *see* Baumbaugh, B. 59149
Margulis, W. *see* Couceiro, I.B. 94084
Margulis, W. *see* Gouvea, P.M.P. 83256
Margulis, W. *see* Lacerda, M.M. 56331
Margulis, W. *see* Lacerda, M.M. 63395
Margulis, W. *see* Lacerda, M.M. 64002
Margutti, G. *see* Moers, T. 67364
Marhic, M.E. *see* Ting-Kuang Chiang 72310
Mari, B. *see* Falinower, C.M. 68422
Mari, C.M. *see* Narducci, D. 66556
Maria, A., Srihari, K., Emerson, C.R. Solder advisor—a knowledge-based solder paste selection system 62006
Maria, G.de *see* de Maria, G.
Mariam, B.G.H. Theory of measurement and design of instrumentation vs. pedagogical problems of engineering 75808

Mariam, F.G., McGill, J., Brown, K. 200 GeV beam transfer lines at the SSC 66954
Mariani, D. *see* Halle, R. 77799
Mariani, E. *see* Olivo, M. 53265
Mariani, J. *see* Gauvain, J.L. 64390
Mariani, S. *see* Nicollini, G. 85954
Mariani Primiani, V. *see* Cerri, G. 55458
Marianneau, G. *see* Brendel, R. 50156
Mariano, A.J. *see* Chin, T.M. 57603
Mariano, P. *see* Amadio, E. 77200
Maric, S.V. Class of algebraically constructed permutations for use in pseudorandom interleavers 83931
Maric, S.V., Alonso, E., Metivier, G. Adaptive borrowing of ordered resources for the pan-European mobile communication (GSM) system 52367
Maric, S.V., Seskar, I., Titlebaum, E.L. On cross-ambiguity properties of Welch-Costas arrays 95435
Maricevic, Z.A. *see* Kahrizi, M. 49674
Maricevic, Z.A. *see* Kahrizi, M. 64197
Maricevic, Z.A. *see* Sarkar, T.K. 73421
Marichev, V.A. *see* Charny, L. 62341
Maricic, A., Marijan, N. Model of the program for processing meteorological pictures 99192
Mariconda, A. *see* Gianfranceschi, L. 85507
Marics, M. *see* Wharton, C. 96519
Marie, M. *see* Gingrich, D. 53291
Marieb, T.N., Abratowski, E., Bravman, J.C., Madden, M., Flinn, P. Direct observation of the growth and movement of electromigration voids under passivation 62535
Marietta, M. *see* Sudano, J.J. 84558
Mariette, H. *see* Lawrence, I. 93013
Marietti, P. *see* Cardone, A. 85320
Marigo, A. *see* Zanella, G. 59098
Marigodov, V.K., Yankovskiy, A.V. A method of increasing the noise immunity of communications systems employing combined adaptation to the signal and interference environment 57456
Marijan, N. *see* Maricic, A. 99192
Marik, R. *see* Boukouvalas, C. 91101
Marikkannu, C. *see* Pushpavanam, M. 49013
Marimont, D.H. *see* Ponce, J. 96081
Marin, A. *see* Adam, A. 88087
Marin, A. *see* Adam, A. 88102
Marin, A. *see* Ahlen, S.P. 59097
Marin, J., Onvural, R., Tedijanto, T. Broadband services: an integrated approach 96489
Marin, M. *see* Bixio, A. 67142
Marin, M. *see* Dormicchi, O. 82486
Mar'in, N.A. *see* Zinov, V.G. 52778
Marin, P. *see* Level, M.P. 66833
Marin, P.C. Synchrotron radiation stimulated gas desorption from metals 59012
Marin, S.P., Smith, P.W. Parametric approximation of data using ODR splines 61150
Marin, W. *see* Malesani, L. 68772
Marin-Sillue, R. *see* Garcia-Haro, J. 85886
Marincic, A. *see* Barbaric, Z. 74351
Marine, S.S., Benoit, D.E., Collins, K.W., Kimmel, K.R., Linde, H.G., Lissor, J.P., Plouff, D.M., Warner, J.A., Whiting, C.A., Towne, J.D. Development of a membrane-etch wet station for X-ray masks 81596
Marine, W. *see* Fogarassy, E. 61322
Marine, W. *see* Fogarassy, E. 79936
Marine, W. *see* Layadi, N. 61372
Marine, W. *see* Shafeev, G. 48957
Marinelli, D.J. *see* Breslin, M.W. 85604
Marinelli, M. *see* Basso, M. 63268
Marinelli, M. *see* Epifani, M. 66369
Marinelli, P.V. Mixed man-power and electric drive for small vehicles 60572
Marinescu, A. *see* Vijdea, A.-M. 77693
Marinescu, M., Marinescu, N. A new improved method for computation of radial stiffness of permanent magnet bearings 82290
Marinescu, M., Marinescu, N. Magnetic leakage fields from extended inhomogeneities in ferromagnetic plates 83482
Marinescu, N. *see* Marinescu, M. 82290
Marinescu, N. *see* Marinescu, M. 83482
Marinescu-Pasoi, L. *see* Schmidtchen, U. 90884
Marini, A. *see* Farilla, A. 52772
Marini, D. *see* Brezzi, F. 83443
Marini, M. *see* Fantacci, R. 64981
Marinkovic, N.M. Validation of the in-core fuel management codes by calculating a square lattice with adjacent gadolinium pins 53898
Marino, A., DiLemmo, M., Smith, L. Utilization of shipboard transducers to create single ping three dimensional bathymetry 99258
Marino, G., Merli, E., Pavesi, M., Rigolio, G., Vaccari, P., Zizza, F. AAL and ATM layers implementation in B-ISDN interworking units: design and performances 58226
Marino, G., Merli, E., Pavesi, M., Rigolio, G., Vaccari, P., Zizza, F. A hardware platform for B-ISDN services multiplexing: design and performances of AAL and ATM layers 85990
Marino, M. *see* Anselmo, F. 98647
Marino, M. *see* Manini, P. 87646
Marino, P. *see* Cavailo, A. 91876
Marino, P. *see* Glielmo, L. 89958
Marino, P. *see* Goren, A. 70654
Marinopoulou, A. *see* Pratt, A.R. 79777
Marinopoulou, A. *see* Zhang, J. 91492
Marinova, I., Hayano, S., Ishida, N., Saito, Y., Hirama, Y., Yamamoto, M. Polyphase eddy current testing 61439
Marinova, I. *see* Doi, T. 61440
Marinova, I. *see* Hayano, S. 76159
Mar'inskii, D.N. *see* Boroditskii, M.L. 50814
Mar'inskii, D.N. *see* Garbuzov, D.Z. 50813
Marinucci, C., Vecsey, G. Electromagnetic design of the SLS superconducting bending magnet with linear gradient 87678
Marioli, D., Rolla, P., Taroni, A. Insulated metal substrates for thick film sensor applications 87163
Marioli, D., Sardini, E., Taroni, A. A system for the generation of static and very low frequency reference accelerations 97762
Marioli, D. *see* Docchio, F. 94152
Marioli, D. *see* Ranucci, E. 52824
Marion, N. *see* Negus, K. 97135
Marion-Pera, M.C., Kedous-Lebouc, A., Cornut, B., Brissonneau, P. Analysis and comparison of magnetic sheet insulation tests 63086
Marion-Pera, M.C., Kedous-Lebouc, A., Cornut, B., Brissonneau, P. Evaluation of intralaminar losses in magnetic cores 68516
Mariotta, P. Electricity supply in the event of natural disasters: critical parts of installations and measures for fire prevention 89351
Mariotte, F. *see* Bourgeade, A. 73273
Mariotte, H., Cochet, P.Y. Real signals demodulation on a highly selective channel 83909
Mariotti, G. *see* Bruno, O. 89899
Mariotti, G. *see* Bruno, O. 89900
Mariotti, M. *see* Amidei, D. 98639
Maris, H.J. *see* Porter, F.S. 54048
Maritan, C. *see* Lu, H. 94496
Maritan, C.N. *see* Tarof, L.E. 72602
Maritsas, D.G. *see* Papadimitriou, G.I. 97275
Maritz, J.S. *see* Herman, R. 78086
Mariucci, L. *see* Fortunato, G. 50001
Marjoribanks, R.S. *see* Yamakoshi, H. 67413
Marjoribanks, R.S. *see* Zhao, L. 56655
Mark, A. *see* Hayes, S. 83898
Mark, J. *see* Mork, J. 50811
Mark, J. *see* Tessler, N. 50805
Mark, J. *see* Thogersen, J. 73091
Mark, J. *see* Uskov, A. 73100
Mark, J. *see* Uskov, A. 83067
Mark, J.W. *see* Bergeron, C. 75067
Mark, J.W. *see* Chen, D.X. 65518
Mark, J.W. *see* Chen, D.X. 96168
Mark, J.W. *see* Hassanein, H.S. 65330
Mark, J.W. *see* Hassanein, H.S. 65405
Mark, J.W. *see* Hassanein, H.S. 96652
Mark, J.W. *see* Hien Nguyen 57751
Mark, J.W. *see* Lee, H.W. 64932
Mark, M.B. *see* Duncan, B.D. 58497
Mark, M.B. *see* Overbeck, J.A. 88914
Mark, M.B.van der *see* van der Mark, M.B.
Mark Liao Hong-Yuan *see* Hong-Yuan Mark Liao
Markandey, V., Clatanoff, T., Gove, R., Ohara, K. Motion adaptive deinterlacer for DMD (digital micromirror device) based digital television 86686
Markarian, G., Honary, B., Manukian, H.H. Signal-to-noise ratio measurement employing trellis decoders 97013
Markarian, G. *see* Naderi, M. 51334
Markarian, K.J. *see* Gavalian, V.G. 98545
Markarian, M. *see* Yu, P.K.L. 71180
Markaryants, E.A. *see* Glebovsky, G. 81576
Markas, T., Royals, M., Kanopoulos, N. Design and DCVS implementation of a self-checking bus-monitor unit for highly reliable fault-tolerant system configurations 55215
Markatos, S. *see* Olsen, B.T. 86380
Markee, J. *see* Feng Lin 78988
Markeev, A.M. *see* Fominski, V.Yu. 70163
Markeev, A.M. *see* Fominski, V.Yu. 71369
Markel, M., Sanders, S.P. Turning a conference paper into a Transactions article 90740
Markell, R. Linear-phase filters aid high-speed communications 61792
Markelov, V.P. *see* Bikmatov, R.R. 58630
Markelz, A.G. *see* Allen, S.J. 71163
Markert, J.T. *see* Edwards, H.L. 63287
Markett, C. Triple sums and the Riemann zeta function 79581
Markevich, I.V. *see* Drozdova, I.A. 49775
Markey, B.J. *see* Paul, D.K. 65827
Markey, B.J. *see* Paul, D.K. 82699
Markey, J. *see* Levin, C. 59087
Markezich, R.L., Aschbacher, D.G. Formulations for flame retardant insulation give reduced smoke that is less corrosive 68233
Markhauser, C.P. *see* Yong, A. 86664
Markianos, K. *see* Christian, D.C. 59094
Markiewicz, H. *see* Klajn, A. 90254
Markiewicz, W.D., Vaghar, M.R., Dixon, I.R., Garmestani, H. Generalized plane strain analysis of solenoid magnets 82449
Markiewicz, W.D. *see* Garmestani, H. 82450
Markiewicz, Y. *see* Porat, Z. 91133
Markin, V.V., Miledin, V.K., Skibinskii, V.A., Khomenko, S.V. Development of tractional electric drives for trolleybuses 69154
Markin, Yu.V. *see* Zhdan, A.G. 62332
Markina, N.N. *see* Yefremenko, V.V. 88770
Markisz, J.A. *see* Cretella, J.P. 59341
Markle, D. *see* Grenville, A. 62555
Markle, D.A. *see* Jeong, H.J. 49413
Markley, R. *see* Hanson, T. 86305
Markman, I., Anderson, J.B. Sequential decoding on intersymbol interference channels under the Pe-criterion 73616
Marko, R.A. Adaptable fuzzy controller for missile warning applications 59632
Markolefas, S. *see* Fish, J. 48886
Markos, S., Szalay, T., Szollosi, G., Raifu, A.W. Tool and process monitoring of milling operations 69551
Markou, A. *see* Adam, W. 88114
Markou, A. *see* von Apeldoorn, G. 88116
Markov, E.V. *see* Goncharov, V.A. 48902
Markov, I.V. *see* Sheykin, A.R. 55331
Markov, V. *see* Bar'yakhtar, V. 67407
Markov, V. *see* Efimov, S. 76546
Markov, V.A. *see* Pchelyakov, O.P. 48916
Markov, Z. Calculation of collision probability in large both-way trunk groups 83891
Markov, Z.M., Antschev, V.C. Two-roller method for producing microcrystalline and amorphous magnetic material ribbons directly from the molten state 54812
Markova, S.V., Petrash, G.G. Ion r-m transition lasers 1. Possible transitions 94353
Markovic, Z.M. *see* Rakic, M.V. 59881
Markovsky, N.V. *see* Shevchenko, O.A. 90100
Markowitz, J. Keyword spotting in speech 95252
Marks, F.D., Jr. *see* Wen-Chau Lee 99205
Marks, J. *see* Ngo, J.T. 57381
Marks, M.P. Future directions in microprocessor technology 70622
Marks, M.R. *see* Kirby, D.G. 97617
Marks, N. *see* Otter, A.J. 76698
Marks, N.A. *see* McKenzie, D.R. 70083
Marks, P.M., Forshee, G.S., Pruett, D.A. Security systems design and sensor strategies 78982
Marks, R.B. *see* Williams, D.F. 66651
Marks, R.F. *see* Farrow, R.F.C. 91514
Marks, R.J. *see* Sanders, J.E. 76879
Marks, R.J., II *see* Oh, S. 51561
Marks, R.J., II *see* Oh, S. 74070
Marks, S. Precise integration of undulator Hall probe scans 87789
Marks, S., Cork, C., Hoyer, E., Humphries, D., Kincaid, B., Plate, D., Robb, A., Schlueter, R., Wang, C., Hassenzahl, W. Insertion device magnet measurements for the Advanced Light Source 67240
Marks, S. *see* Hoyer, E. 67239
Marks, S. *see* Humphries, D. 63254
Marks, S. *see* Humphries, D. 87788
Marks, S. *see* Wang, C. 67241
Marks, T.J. *see* Lundquist, P.M. 50928
Markstein, H.W. Applications for 3-D packaging 79346
Markstein, H.W. SMT passive components allow wider choices 92751
Markstein, H.W. PCB connectors and sockets favor SMT 92816
Markum, A.D., Kormos, K.A., Edwards, J.B. NICMOS flight FPA qualification program 58854
Markus, K., Osburn, C.M., Magill, P., Bobbio, S.M. Thin-oxide degradation along feature edges during reactive ion etching of polysilicon gates 93213
Markushevich, N.S., Herejk, I.C., Nielsen, R.E. Functional requirements and cost-benefit study for distribution automation at BC Hydro 53742
Markushevich, N.S., Herejk, I.C., Nielsen, R.E. Functional requirements and cost-benefit study for distribution automation at B.C. Hydro 78077
Markwitz, A., Baumann, H., Grill, W., Knop, A., Krimmel, E.F., Bethge, K. Investigations of ultrathin silicon nitride layers produced by low-energy ion implantation and EB-RTA 55534
Markwitz, A., Baumann, H., Krimmel, E.F., Michelmann, R.W., Maurer, C., Paloura, E.C., Knop, A., Bethge, K. Chemical bonding and interface analysis of ultrathin silicon-nitride layers produced by ion implantation and Electron Beam Rapid Thermal Annealing (EB-RTA) 93073
Markytan, M. *see* Fanti, V. 76788
Marle, G.L., Rogalski, J. The introduction of universal jointing and coupler technology for optical submarine cable systems 86033
Marlow, D.R. *see* Allen, C. 59188
Marlow, S. *see* Liu, J. 57658
Marlow, S.A. *see* Kircher, J. 77797
Marlow, W.C. Power dissipation in electromechanical actuator devices 93762
Marmier, P. *see* Bruyere, F. 86482
Marmier, P. *see* Letellier, V. 52609
Marmolejo, J.A. Helmet mounted display and associated research activities recently conducted by the NASA/Johnson Space Center 67721
Marmor, M.F., Zrenner, E. Standard for clinical electro-oculography 67540
Marmorino, G.O., Jansen, R.W., Valenzuela, G.R., Trump, C.L., Lee, J.S., Kaiser, J.A.C. Gulf Stream surface convergence imaged by synthetic aperture radar 99284
Marmorino, G.O. *see* Jansen, R.W. 77427
Marnada, N. *see* Uritani, A. 98547
Marneris, I. *see* Reece, R.K. 68746

Marnette, W., Kersten, L., Kramer, U. Norddeutsche Affinerie's new electric furnace plant 69255
Marnier, G. *see* Boulanger, B. 56876
Marnier, G. *see* Boulanger, B. 56890
Marnier, G. *see* Feve, J.P. 56844
Marola, G., Vaccarelli, A. An algebraic method for detection and recognition of polyhedral objects from a single image 84937
Maroli, C. *see* Acerbi, E. 63871
Marom, E. *see* Inbar, H. 74443
Marom, E. *see* Inbar, H. 74444
Marom, M. *see* Shemer, L. 59561
Maron, D.Moalem *see* Moalem Maron, D.
Maron, V. *see* Suchomel, J. 78334
Maron, Y. *see* Litwin, C. 69019
Marongiu, I. *see* Attaianese, C. 100821
Marongiu, I. *see* Locci, N. 68563
Marongiu, M.J. *see* Cosley, M.R. 100360
Maroni, V.A. *see* de Rochemont, L.P. 63279
Maroni, V.A. *see* Merchant, N. 63275
Maroni, V.A. *see* Merchant, N. 72215
Marosi, L., Yamauchi, D., Goel, J., Onak, G., Stones, D.I., Sharma, A., Tan, K., Brunner, B., Mancini, J. 1.5 watts V-band power amplifier using PHEMT technology 92577
Maroto, J.C. *see* Marti, A. 100518
Marotta, E.E. *see* Fletcher, L.S. 90986
Marotta, V. *see* Teghil, R. 48920
Maroulis, P.J. *see* Ketkar, S.N. 62373
Marowsky, G., Lehmann, S., Neuschafer, D., Bar, E., Hsiung, H., Cheng, L.-T., Rodriguez-Parada, J.M. Observation of phase-matched optical second-harmonic generation in organic monolayers 63966
Marowsky, G. *see* Neuschafer, D. 50936
Marpaka, D.R., Hwang, W.R. Neurocontroller for power systems using self-organizing neural networks 78005
Marpka, D.R., Hwang, W.R., Moturi, V. Neurocontroller with adaptable activation function for power system studies 89159
Marple, L., Brotherton, T., Barton, R., Lugo, E., Jones, D. Travels through the time-frequency zone: advanced Doppler ultrasound processing techniques 98872
Marple, S.L., Jr. Time-frequency analysis of Doppler radar data using Gabor data-adaptive weighting window 86551
Marquardt, C.L., Cooper, D.G., Budni, P.A., Knights, M.G., Schepler, K.L., DeDomenico, R., Catella, G.C. Thermal lensing in silver gallium selenide parametric oscillator crystals 56883
Marquardt, E., Opitz, B., Scholl, M., Heuken, M. Electroabsorption and light modulation with ZnSe/ZnSSe multiquantum wells grown by metalorganic vapor phase epitaxy 71107
Marquardt, J. *see* Johnson, K.F. 76415
Marquardt, J.Von *see* Von Marquardt, J.
Marquardt, K., Muller, H. Peripherals for automotive and industrial electronics: SAE 81C90 and SAE 81C91 simplify CAN applications 61768
Marquardt, N. Report on DELTA, one year before routine operation 63881
Marques, D., Forastieri, J., Comi, C., Pomme, N., Jungman, D. A new method for the functional characterization of piston-cylinder assemblies 66743
Marques, F., Cunillera, J., Gasull, A. Unsupervised image segmentation controlled by morphological contrast extraction 84944
Marques, F.C. *see* Vilcarromero, J. 71130
Marques, G.D. *see* Verdelho, P. 90153
Marques, J.S., Abrantes, A.J. Hybrid harmonic coding of speech at low bit-rates? 64382
Marques, M.M. *see* Ponten, L. 96447
Marques, R.Ferreira *see* Ferreira Marques, R.
Marques dos Santos, J.C. *see* Silva, J.A. 84871
Marques Silva, J.P., Sakallah, K.A. Dynamic search-space pruning techniques in path sensitization 91718
Marquet, M. *see* Bezaguet, A. 82474
Marquez, J. *see* Askenazy, S. 83568
Marquinez, F. *see* Alba, J.J. 77931
Marquis, L. *see* Masory, O. 59456
Marquis, M. *see* White, B. 66445
Marra, D.La *see* La Marra, D.
Marra, M. *see* Jiang, M. 99277
Marra, M. *see* Stewart, W.K. 59582
Marrakchi, A. *see* Andersen, P.E. 94669
Marrakchi, G. *see* Seghier, D. 49780
Marrakchi, G. *see* Zerrai, A. 55721
Marre, D. *see* Calzona, V. 97972
Marrian, C.R.K. *see* Chu, W. 49927
Marrian, C.R.K. *see* Dobisz, E.A. 81599
Marrian, C.R.K. *see* Shirey, L.M. 81598
Marriott, D.L. *see* Swindeman, R.W. 60113
Marrocco, M. *see* Parker, I.D. 82829
Marrone, G. *see* de Decker, D. 78067
Marroquin, F. *see* Ariztizabal, F. 98518
Marroquin-Rios, D. *see* Garcia-Flores, R. 92352
Marrow, G., Slatnick, M.F. The meaning of mediation: new devices, built to standards on open computing platforms, open the door to future growth 65274
Marrucci, G. *see* Bobbio, S. 82233
Marrufo, O. *see* Cutler, R.I. 67077
Marrufo, O. *see* Grippe, J. 70309
Marrufo, O. *see* Rees, D.E. 66821
Mars, D. *see* Davidson, A. 81222
Mars, D.E. *see* Houng, Y.M. 54914
Mars, D.E. *see* Houng, Y.M. 56818
Mars, D.E. *see* Long Yang 55171
Mars, D.E. *see* Yang, L. 55693
Mars, J.G.M. *see* Flicker, Y.Z. 54687
Mars, P. *see* Baxendale, P.R. 65246
Marsal, A., Marcos, S. A criterion to detect sensor array distortion 84447
Marsan, M.A., Albertengo, G., Casetti, C., Neri, F., Panizzardi, G. On the performance of topologies and access protocols for high-speed LANs and MANs 52175
Marsan, M.A., Albertengo, G., Cigno, R.L., Munafo, M., Neri, F., Tonietti, A. Characterization of the traffic at the output of a DQDB MAN 65365
Marsan, M.A., Bianco, A., Ciminiera, L., Sisto, R., Valenzano, A. A LOTOS extension for the performance analysis of distributed systems 74991
Marsan, M.Ajmone *see* Ajmone Marsan, M.
Marschalko, R. *see* Imecs, M. 90329
Marschall, R.A., Stinson, D.L., Pearce, R.E., Boyer, E., Embry, B. The use of an innovative solid towed array for exploring the Antarctic marine environment 99226
Marscher, W.D. Make vibration monitoring live up to its potential 78558
Marsden, C.F. *see* Picasso, M. 50989
Marsden, E. *see* Arbique, G. 76524
Marsden, E. *see* Grippe, J. 70309
Marsden, G.C. *see* Krishnamoorthy, A.V. 56477
Marsden, J.R. *see* Richardson, T. 71837
Marsden, R.M. *see* Lehmann, E.D. 53373
Marsden, R.P. Broadcast-quality television over SDH 66057
Marsden, S. *see* Cutler, R.I. 67077
Marseguerra, M., Nutini, M., Zio, E. Approximate physical modelling in dynamic PSA using artificial neural networks 89509
Marseguerra, M. *see* Antonopoulos-Domis, M. 89507
Marsh, A.M., Williams, D.A., Ahmed, H. Supercurrent transport through a high-mobility two-dimensional electron gas 92996
Marsh, C., Licht, S. A novel aqueous dual-channel aluminum-hydrogen peroxide battery 68969
Marsh, C.D., Li, Y., Nejim, A., Kilner, J.A., Hemment, P.L.F., Booker, G.R. TEM and HREM studies of As-implanted high-dose oxygen implanted silicon at doses and energies suitable for thin-film silicon-on-insulator substrates 81446
Marsh, C.D. *see* Giles, L.F. 93238
Marsh, C.D. *see* Wainwright, S.P. 71238
Marsh, C.D. *see* Yupu Li 49831
Marsh, G.W., Kahn, J.M. 50-Mb/s diffuse infrared free-space link using on-off keying with decision-feedback equalization 97297
Marsh, G.W. *see* Kahn, J.M. 65249
Marsh, J., Ruberg, S., Boettcher, C., Trujillo, E., Oxford, S. Object-oriented management of real-time data in integrated avionics architectures 59476
Marsh, J.H., Bryce, A.C. Quantum well intermixing for optoelectronic integration 93008
Marsh, J.H. *see* Gontijo, I. 71152
Marsh, J.H. *see* Laughton, F.R. 63429
Marsh, J.H. *see* Lullo, G. 82723
Marsh, J.H. *see* Ooi, B.S. 71288
Marsh, J.W. *see* Smith, J.R.H. 99011
Marsh, K.A. *see* Clayton, C.E. 66794
Marsh, K.A. *see* Clayton, C.E. 76626
Marsh, L. *see* Carpenter, R.B., Jr. 53815
Marsh, P., Ng, G.I., Pavlidis, D., Hong, K. InAlAs/InGaAs varactor diodes with THz cutoff frequencies fabricated by planar integrated technology 55414
Marsh, P. *see* Youngwoo Kwon 55432
Marsh, P.F. *see* Kyushik Hong 80665
Marsh, R. *see* Gelatos, A.V. 71427
Marsh, R.A. *see* Rudd, J.G. 77779
Marsh, S. Competitive communication strategies 65108
Marsh, S.E. *see* Filiberti, D.P. 84752
Marsh, S.J. *see* Mathew, J. 87691
Marsh, W.J. *see* Strang, W.M. 89255
Marsh, W.J., Jr. *see* McElray, J.L. 78228
Marshall, A. Intelligent power integrated circuits—history and overview 50065
Marshall, A., Coates, B., Siegel, F. Designing an asynchronous communications chip 55204
Marshall, A., Grose, B. Custom automotive requirements for power integrated circuits 54238
Marshall, A. *see* Clark, A. 88763
Marshall, A. *see* Efland, T. 50020
Marshall, A. *see* Lettington, A.H. 66450
Marshall, A.D. *see* Hong, J.W. 52104
Marshall, B. An apparatus for rapid prototyping and evaluation of wide field of view helmet-mounted display symbology 67695
Marshall, C. *see* Sopori, B.L. 100618
Marshall, C. *see* Sopori, B.L. 100635
Marshall, C.D., Speth, J.A., Payne, S.A., Krupke, W.F., Quarles, G.J., Castillo, V., Chai, B.H.T. Ultraviolet laser emission properties of Ce^{3+}-doped $LiSrAlF_6$ and $LiCaAlF_6$ 94425
Marshall, D., Jackman, R.B. Dry etching techniques for GaAs ultra-high vacuum chamber integrated processing 93181
Marshall, G.A. *see* Pearce, C.W. 55833
Marshall, G.F., Collins, S., Bunyan, R.J.T. Silicon-on-insulator 'HRes' circuit 80504
Marshall, G.F., Tarassenko, L. Robot path planning using VLSI resistive grids 80534
Marshall, G.R., Frantz, R.A.J. The location of PF correction 99484
Marshall, J. A low cost boundary scan test interface 87023
Marshall, J., Chong, F.C., Modlin, D., Westbrook, S. CAD-based net capacitance testing of unpopulated MCM substrates 58644
Marshall, J., Preble, J., Schneider, W. Superconducting cavity tuner performance at CEBAF 67201
Marshall, J. *see* Drury, M. 67082
Marshall, J.C. *see* Zhou, T. 66124
Marshall, J.M. *see* Goldie, D.M. 55578
Marshall, J.M. *see* Goldie, D.M. 55676
Marshall, J.M. *see* Goldie, D.M. 56430
Marshall, J.M. *see* Haynes, D.M. 56438
Marshall, N.W. *see* Chapple, C.-L. 88600
Marshall, P. Establishing a reflow profile 92709
Marshall, P., Dale, C., LaBel, K. Charged particle effects on optoelectronic devices and bit error rate measurements on 400 Mbps fiber based data links 75412
Marshall, P. *see* LaBel, K.A. 67726
Marshall, P. *see* LaBel, K.A. 75434
Marshall, P. *see* Sudersena Rao, T. 72895
Marshall, P.W., Dale, C.J., Carts, M.A., LaBel, K.A. Test results and calculations of ion-induced bit error rates for fiber-based data links in orbital satellite environments 65821
Marshall, P.W. *see* Meshel, D.C. 75446
Marshall, P.W. *see* Thelen, D. 65822
Marshall, R.C. Electromagnetic compatibility in critical applications: how can it be managed and taught? 94879
Marshall, R.J. *see* Patterson, M.H. 100466
Marshall, R.J. *see* Turner, A.K. 100462
Marshall, S. *see* Matsopoulos, G. 84787
Marshall, S. *see* Matsopoulos, G.K. 88453
Marshall, S. *see* Shah, D. 85924
Marshall, T. *see* Li, L.K. 55727
Marshall, T. *see* Sopori, B.L. 100624
Marshall, T.C. *see* Bateman, M.G. 88785
Marshall, T.C. *see* Lin, L.-Y. 50876
Marshall, T.C. *see* Zhang, T.B. 87854
Marshall, T.G., Jr. U-L block-triangular matrix and ladder realizations of subband coders 83952
Marshall, T.O., Wernli, C., Tanner, R.J. Performance requirements of personal dosemeters: Can these be met by present and future designs? 88598
Marshall, T.O. *see* Julius, H.W. 88597
Marshall, W.K. *see* Helal, I. 99459
Marshman, C. A navigator's guide to EMC 73376
Marsi, S., Sicuranza, G.L. Neural networks for compression of image sequences 57779
Marsi, S., Sicuranza, G.L. On reduced-complexity approximations of quadratic filters 95529
Marsiglia, M.A. *see* Crocetti, P. 96754
Marsili, P.M. *see* Dai, W.W. 67579
Marsili, P.M. *see* Morucci, J.-P. 67560
Marsland, J.S. *see* Yuan, X.-J. 71221
Marsland, R. *see* Pao, Y.C. 94302
Marso, M., Horstmann, M., Ruders, F., Hollricher, O., Hardtdegen, H., Kordos, P., Luth, H. A novel InP/InGaAs photodetector based on a 2DEG layer structure 58797
Marso, M. *see* Schuppen, A. 55403
Marsolais, E.B. *see* Kobetic, R. 67603
Marsolais, E.B. *see* Kobetic, R. 88553
Marsolais, E.B. *see* Scheiner, A. 67627
Marsten, R.E. *see* Yu-Chi Wu 53626
Marsten, R.E. *see* Yu-Chi Wu 77842
Marston, M. *see* Qun Shen 87757
Marston, P. POCSAG...the next generation [radiopaging code] 75235
Marston, P. *see* Deis, G. 87958
Marston, P. *see* Heim, J. 88070
Marston, P.G. *see* Chaniotakis, E.A. 82470
Marston, P.G. *see* Hale, J.R. 83558
Marston, P.G. *see* Myatt, R.L. 90455
Marston, P.G. *see* Smith, B.A. 82465
Martchev, Z.B. *see* Mitev, K.D. 52768
Martel, C., Raghunathan, A. Asynchronous PRAMs with memory latency 92181
Martel, C.U. Maximum finding on a multiple access broadcast network 96180
Martel, J., Boix, R.R., Horno, M. Analysis of a microstrip crossover embedded in a multilayered anisotropic and lossy media 49672
Martel, P. *see* Bochanky, L. 99666
Martel, R. *see* Laperriere, A. 69193
Martelet, C. *see* Arnaud, F. 59257
Martelet, C. *see* Clechet, P. 90320
Martelet, C. *see* Nyamsi Hendji, A.M. 98139
Martelet, C. *see* Souteyrand, E. 67445
Martell, S. *see* Yalamanchili, P. 69570
Martell, S.R., Semmens, J.E., Basterfield, A.J., Kessler, L.W. Quality assurance for multichip modules with AMI techniques 92828
Martelli, S. *see* Wang, T. 76877
Martemianov, A. *see* Akimov, V. 53300

Marten, A. *see* Guttich, U. 80769
Marten, A. *see* Guttich, U. 80819
Marten, A. *see* Riepe, K. 80751
Marten, R. *see* Seidl, A. 87337
Martens, G.O. *see* Scarth, G.B. 49114
Martens, J., Pance, A., Johansson, M., Char, K., Whiteley, S., Hou, S., Phillips, J. HTS flux flow devices and applications 93934
Martens, J. *see* Ghoshal, U. 91917
Martens, J.-B. *see* Kayargadde, V. 74284
Martens, J.S. *see* Ginley, D.S. 82332
Martens, J.S. *see* Hietala, V.M. 70814
Martens, J.S. *see* Hilbert, C. 50423
Martens, J.S. *see* Zhang, D. 98287
Martens, L. *see* Criel, S. 73392
Martens, L. *see* Debie, P. 62862
Martens, L. *see* Debie, P. 83142
Martens, L. *see* Dhaene, T. 58959
Martens, L. *see* Dhaene, T. 83736
Martens, M. *see* Bhat, C.M. 66961
Martens, M.A. Controlling the third harmonic cavity during focus free transition crossing in the Fermilab Main Ring 76335
Martens, M.A., Ng, K.Y. Impedance budget and beam stability analysis of the Fermilab Main Injector 87919
Martens, Z. *see* Dhaene, T. 74008
Marth, K. SMD chokes ensure electromagnetic compatibility in automotive bus systems 78944
Marthinuss, J. *see* Williams, D. 88671
Marthon, S. *see* Ermolieff, A. 71228
Marthy, C. Overload control methods in the circuit switched networks 51963
Marthy, C. *see* Hasler, M. 55103
Marti, A., Davies, P.A., Olivan, J., Algora, C., Terron, M.J., Alonso, J., Maroto, J.C., Araujo, G.L., Minano, J.C., Sala, G., Luque, A. High efficiency photovoltaic conversion with spectrum splitting on GaAs and Si cells located in light confining cavities 100518
Marti, A. *see* Araujo, G.L. 78824
Marti, F. *see* Galati, G. 77196
Marti, J. Nonlinear distortion analysis in optically prefiltered subcarrier multiplexed systems 83101
Marti, J., Anton, R., Capmany, J. Optical equalisation to combat fibre induced distortion in SCM systems 97232
Marti, J., Mossi, J.M., Ferrando, M. Measurement of the required cross-polar protection ratio in G-PAL TV FM satellite transmissions planning 75707
Marti, J.R., Linares, L.R. Real-time EMTP-based transients simulation 88994
Marti, J.R. *see* Carneiro, S., Jr. 68178
Marti, J.R. *see* DanHong Zhou 53757
Marti, J.R. *see* Qing Wang 100259
Marti, L. Simulation of electromagnetic transients in underground cables using the EMTP 59938
Marti, U. *see* Pfister, M. 71313
Marti-Panameno, E., Sanchez-Mondragon, J.J., Vysloukh, V.A. Theory of soliton pulse forming in an actively modelocked fiber laser 63697
Martikainen, O., Puro, P., Sonninen, J. OVOPS, object virtual operations system for distributed applications development 85533
Martil, I. *see* Martin, J.M. 55722
Martin, A., Birsa, R., Bradamante, F., Bressan, A., Dalla Torre-Colautti, S., Giorgi, M., Lamanna, M., Penzo, A., Schiavon, P., Tessarotto, F., Macciotta, M.P., Masoni, A., Puddu, G., Serci, S., Ahmidouch, A., Heer, E., Hess, R., Lechanoine-Le Luc, C., Mascarini, C., Rapin, D., Catz, H., Faivre, J.C., Perrot-Kunne, F., Arvieux, J., Bertini, R., Kunne, R.A., Agnello, M., Iazzi, F., Minetti, B., Bressani, T., Chiavassa, E., De Marco, N., Musso, A., Piccotti, A. An antineutron detectors calibration method for $\bar{p}p$—$\bar{n}n$ charge-exchange differential cross-section measurement 67356
Martin, A.C. *see* Pirooz, S. 62949
Martin, A.J. *see* Allport, P.P. 76752
Martin, A.J. *see* Allport, P.P. 88021
Martin, A.J. *see* Tierno, J.A. 55300
Martin, A.L. *see* Brunner, T.A. 71502
Martin, A.R. A review of spacecraft/plasma interactions and effects on space systems 67664
Martin, A.R. *see* Bond, R.A. 67735
Martin, B., Arthur, G. Effect of resist processes on dimensional control of sub-micron polysilicon gate structures 81712
Martin, B. *see* Arthur, G. 81696
Martin, B. *see* Cui, Z. 71478
Martin, B. *see* Prewett, P.D. 81694
Martin, B. *see* Stocker, D. 60982
Martin, B.C. Tips for straddling the 3-V to 5-V fence 50079
Martin, B.G. The effect of contact barriers on space-charge-limited current injection in impurity-band-conduction photodetectors 58762
Martin, C. *see* Dove, R. 98752
Martin, C. *see* Kramer, H. 88264
Martin, C. *see* Lovberg, J. 77175
Martin, C.A. *see* Lockyer, A.J. 88657
Martin, C.D. Application of a crew-centered cockpit design process and toolset 88694
Martin, C.J. *see* Tzima, E. 59402
Martin, D., Ivanov, E., Cojocaru, G., Braic, V., Margaritescu, A. Recent research on ECR ion sources at the Institute of Atomic Physics 67271
Martin, D., Radu, A., Cojocaru, G., Georgescu, N., Zoita, V. Marx generator for radiation devices 68709
Martin, D. *see* Cojocaru, G. 53170
Martin, D. *see* Datte, P. 76438
Martin, D. *see* Datte, P. 98455
Martin, D. *see* Hallstrand, J. 96366
Martin, D. *see* Haworth, M. 76408
Martin, D. *see* Koburger, C. 70397
Martin, D. *see* Meyer, D. 98463
Martin, D. *see* Pfister, M. 71313
Martin, D. *see* Shu, Q.S. 87932
Martin, D.C.C. *see* Carpenter, D.A. 98786
Martin, D.E. *see* Wong, W.K. 89032
Martin, E., Chicon, R. Computer assisted learning of basic concepts in electricity and electromagnetic wave propagation 79185
Martin, E., Dobeck, N., Flood, R., O'Sullivan, M., Rocamontes, R. Reuse of common elements of a corrector power supply design to develop a dissipative shunt regulator design 60309
Martin, E., Gilloire, A., Le Scan, P. CAD of signal processing architectures: an application to acoustic echo cancellation 92272
Martin, E., Sentieys, O., Philippe, J.-L. Architectural synthesis of core of digital signal processors 49050
Martin, E. *see* Cavallaro, J. 88670
Martin, E. *see* De Vlaminck, M. 68384
Martin, E. *see* Munoz, J. 66145
Martin, E.A., Vaccaro, K., Waters, W., Spaziani, S., Lorenzo, J.P., Robinson, G. Processing and design techniques for InGaAs/InAlAs/InP photoFETs and MSMs 56555
Martin, F. *see* Erisman, B.P. 49155
Martin, G., Kunze, R., Weihnacht, M., Wall, B. A discrete one component wave model and its application to SAW resonator filters 71912
Martin, G., Tarakanov, E.A., Weihnacht, M., Yushin, N.K. SAW filter resonant frequency adjustment by electro-strictive and piezoelectric actuators 82217
Martin, G., Wall, B., Kunze, R., Weihnacht, M. Four modes waveguide resonator filters 93817
Martin, G. *see* Tirole, N. 98348
Martin, G. *see* Vainakht, M. 56170
Martin, G.C., Triplett, J.D. Defining the system links between the vehicle on-board computer system and the ground-based computer system 52313
Martin, G.D. *see* Eng, K.Y. 75146
Martin, G.D. *see* Pashan, M.A. 52276
Martin, G.J. *see* Hinkkanen, A. 91235
Martin, G.K. *see* Whitehead, M.L. 53388
Martin, G.R. *see* Wooi Boon Goh 57651
Martin, H., Desplat, C. Limits of laser scattering defect inspection tools on patterned wafers 79455
Martin, H. *see* Hessenmuller, H. 86797
Martin, H. *see* Hessenmuller, H. 97634
Martin, I. *see* Darnell, M. 97045
Martin, J., Ouellette, F. Novel writing technique of long and highly reflective in-fibre gratings 56356
Martin, J., Pentland, A., Kikinis, R. Shape analysis of brain structures using physical and experimental modes 84682
Martin, J., Zhao, Y., Balle, S., Bergmann, K., Fewell, M.P. Visible-wavelength diode laser with weak frequency-shifted optical feedback 94513
Martin, J. *see* Bessede, J.L. 100394
Martin, J. *see* Ooi, B.S. 71288
Martin, J.B., Dogan, N., Gormley, J.E., Knoll, G.F., O'Donnell, M., Wehe, D.K. Imaging multi-energy gamma-ray fields with a Compton scatter camera 88329
Martin, J.B., Knoll, G.F., Wehe, D.K., Dogan, N., Gormley, J.E. Imaging multi-energy gamma-ray fields with a Compton scatter camera 98585
Martin, J.B., Knoll, G.F., Wehe, D.K., Dogan, N., Jordanov, V., Petrick, N., Singh, M. A ring Compton scatter camera for imaging medium energy gamma rays 88270
Martin, J.B. *see* Petrick, N. 98725
Martin, J.C., Bernal, M.P. Double ring and Fabry-Perot ring resonators: application for an optical fiber laser 83199
Martin, J.D. *see* Sapiano, P.C. 73592
Martin, J.F., Volfson, L.B., Kirzon-Zolin, V.V., Schukin, V.G. Application of pattern recognition and image classification techniques to determine continuous cardiac output from the arterial pressure waveform 88359
Martin, J.L. *see* de Miguel, J.L. 55625
Martin, J.L. *see* Flament, O. 70769
Martin, J.M., Garcia, S., Calle, F., Martil, I., Gonzalez-Diaz, G. Photoluminescence and electrical characterization of shallow Mg, Mg/Ar and Mg/P implants into InP:Fe 55722
Martin, J.M., Gonzalez-Diaz, G. Control system for a 300 kV ion implanter 55711
Martin, J.M. *see* Bastos, T.F. 79313
Martin, J.M. *see* Bastos, T.F. 88888
Martin, J.M. *see* Caicedo, E.F. 79314
Martin, J.M. *see* Joshi, N.V. 61359
Martin, J.M. *see* Rodriguez, E. 88792
Martin, J.P. Selection and use of fall protection and rescue equipment for work on towers 78142
Martin, J.P. *see* Allport, P.P. 76752
Martin, J.R. *see* Souteyrand, E. 67445
Martin, J.S. *see* Klymenko, V. 66627
Martin, J.S. *see* Verona, R.W. 66628
Martin, K. *see* Lackey, S. 76531
Martin, K. *see* Landers, T.L. 69582
Martin, K. *see* Padmanabhan, M. 80191
Martin, K.M. *see* Jackson, W. 73752
Martin, K.P. *see* Carnahan, R.E. 55865
Martin, K.P. *see* Carnahan, R.E. 62263
Martin, K.W. *see* Shakiba, M.H. 93681
Martin, M. *see* Arndt, P. 59047
Martin, M. *see* Avery, R.E. 59132
Martin, M. *see* Sire, P. 55021
Martin, M.J., Gonzalez, T., Pardo, D., Velezquez, J.E. One-dimensional Monte Carlo analysis of electron transport in submicrometre silicon structures 71081
Martin, M.Z., Oshita, F.K., Matloubian, M., Fetterman, H.R., Ho, W.J., Wang, N.L., Chang, F., Cheung, D. Electrical and optical response of a very high frequency AlGaAs/GaAs heterojunction bipolar transistor 93330
Martin, N.K. *see* Gevins, A. 88505
Martin, N.S. *see* Bolton, A.G. 84612
Martin, P. *see* Bogert, D. 87641
Martin, P.A. *see* Lovejoy, M.L. 71709
Martin, P.M., Ahmad, S.A., Sheard, F.W., Foster, T.J., Eaves, L., Fromhold, T.M., Henini, M., Maude, D.K., Portal, J.C. Magnetic-field-induced resonance in a triple-barrier resonant tunnelling diode 62671
Martin, R., Middo, K., Turner, W., Lewis, A., Thompson, M., Silverstein, L. A high resolution AMLCD for the electronic library system 77145
Martin, R., Vary, P. Combined acoustic echo cancellation, dereverberation and noise reduction: a two microphone approach 96537
Martin, R. *see* Cochran, D. 64573
Martin, R. *see* El-Antably, A. 100855
Martin, R. *see* Fenker, H. 67313
Martin, R. *see* Mawst, L.J. 63817
Martin, R. *see* Stafford, B.L. 100001
Martin, R. *see* Viola, R. 76703
Martin, R.A. *see* Da Costa, V.M. 55209
Martin, R.D., Forouhar, S., Keo, S., Lang, R.J., Hunsperger, R.G., Tiberio, R., Chapman, P.F. InGaAs-GaAs-AlGaAs laterally-coupled distributed feedback (LC-DFB) ridge laser diode 63847
Martin, R.D. *see* Bruce, A.G. 57588
Martin, R.G. *see* Bretones, A.R. 73479
Martin, R.Gomez *see* Gomez Martin, R.
Martin, R.J. *see* Cahill, R. 57263
Martin, R.L. *see* Arduini, G. 76285
Martin, R.R. *see* Beasley, D. 54699
Martin, R.R. *see* Beasley, D. 54720
Martin, R.San *see* San Martin, R.
Martin, S. Radio drop: wireless access techniques for local loop and rural areas 52375
Martin, S., Smith, P.R., Haner, M., Montgomery, R.K., Hamm, R.A., Feygenson, A., Yadvish, R.D. Low frequency noise and microwave properties of InP/InGaAs heterojunction bipolar transistors 55411
Martin, S.C. *see* Alien, S.T. 92544
Martin, S.C. *see* Choudhury, D. 55392
Martin, S.C. *see* Choudhury, D. 80705
Martin, S.C. *see* Smith, R.P. 81769
Martin, S.J., Frye, G.C., Wessendorf, K.O. Sensing liquid properties with thickness-shear mode resonators 87152
Martin, S.J. *see* Frye, G.C. 93849
Martin, V.E. *see* Murillo, N. 50209
Martin, W.N. *see* Taylor, J. 84815
Martin de Sterke, C., Bassett, I.M., Street, A.G. Differential losses in Bragg fibers 82539
Martin-Gomez, R. *see* Eldering, C.A. 52559
Martin-Pereda, J.A. *see* Fernandez de Caleya, R. 76050
Martin-Vegs, L.A. *see* Uzsoy, R. 90930
Martincic, M. *see* Gabri, S. 85992
Martineau, A. Restructuring the data acquisition for Hydro-Quebec's energy management system 53632
Martinelli, G. *see* Negrini, F. 82472
Martinelli, G., Carotta, M.C. A study of the conductance and capacitance of pure and Pd-doped SnO_2 thick films 66571
Martinelli, G., Perfetti, R. Circuit theoretic approach to the Tank-Hopfield A/D converter 61773
Martinelli, G. *see* Falaschi, A. 73827
Martinelli, R. *see* Gasparini, F. 53303
Martinelli, R.U. *see* Menna, R.J. 69949
Martinelli, R.U. *see* Riris, H. 94705
Martinelli, V.P., Squires, E.M., Watkins, J.J. Environmental performance of an elliptical core polarization-maintaining optical fiber for fiber-optic gyro applications 76037
Martinen, D. *see* Heyn, H. 94575
Martinerie, F. New data fusion and tracking approaches in multiple targets/distributed sensors network contexts 75663
Martinerie, F., Forster, P. Data association and tracking from distributed sensors using hidden Markov models and evidential reasoning 75557
Martines, G., Sannino, M. The determination of the noise, gain and scattering parameters of

microwave transistors (HEMT's) using only automatic noise figure test-set 70904
Martines, G., Sannino, M. Proposal of up-to-date standards on methods of measuring noise in linear two-ports 86945
Martines, G. *see* Caddemi, A. 61934
Martinescu, I. *see* Ketata, M. 52907
Martinet, C. *see* Pons, M. 49925
Martinet, E.L., Woods, G.L., Chui, H.C., Harris, J.S., Jr., Fejer, M.M., Rella, C.A., Richman, B.A. Free-electron laser nonlinear spectroscopy of doubly resonant (5.5-3.0 μm and 4.1-2.1 μm) InGaAs/AlGaAs asymmetric quantum wells 94604
Martinet, E.L. *see* Chui, H.C. 63993
Martinez, A., Duchateau, J.-L., Bon Mardion, G., Gauthier, A., Rousset, B. Supercritical helium cooling of a cable in conduit conductor with an inner tube 93997
Martinez, A., Marchand, J.L. Implementation and quality analysis of a CSA SAR processor 77622
Martinez, A. *see* Garcia, J.R. 68689
Martinez, A. *see* Kuznicki, Z.T. 55609
Martinez, A. *see* Shoga, M. 70694
Martinez, A.B. *see* Gott, R.M. 77338
Martinez, A.Vazquez *see* Vazquez Martinez, A.
Martinez, C., Shemesh, E. Analogue or digital: evaluating today's oscilloscopes 98181
Martinez, D. *see* Mandeville, J.B. 76855
Martinez, D. *see* Walz, F. 63205
Martinez, E., Shur, M., Schuermeyer, F. Heterostructure insulated gate field effect transistors operated in hot electron-regime 55991
Martinez, E. *see* Dai, W.W. 67579
Martinez, E.C., Miller, J. RF power transistor reliability 55922
Martinez, F. *see* Garcia-Sanchez, A. 73919
Martinez, F.C. *see* Bonilla, L.L. 93000
Martinez, G. *see* Laiz, H. 86900
Martinez, H., Olivos, D.J., Ayala, M.C., Asenjo S, E. Instrument for measuring natural pollution affecting insulators on high voltage overhead power lines 78180
Martinez, H. *see* de Urquijo, J. 88258
Martinez, J., Dortolina, C. Dynamic simulation studies on electric industrial systems for designing and adjusting load shedding schemes 69277
Martinez, J. *see* Abe, K. 88115
Martinez, J. *see* Antilogus, P. 59064
Martinez, J. *see* Antilogus, P. 59127
Martinez, J. *see* Garcia Nocetti, D.F. 59252
Martinez, J. *see* Holgado, S. 81459
Martinez, J.A. *see* Yilmaz, S. 82712
Martinez, J.M.Caro *see* Caro Martinez, J.M.
Martinez, L.M., Pont, M., Munoz, J.S. Digital voltmeter-based hysteresigraph 53027
Martinez, M. Lightning arrester lightning impulse energy capability requirements 53819
Martinez, M. Evidences on lightning arresters energy absorption capability 53822
Martinez, M. Testing set up for lightning arrester lightning impulse energy capability 53824
Martinez, M., Bracho, S. Concatenated LFSR makes a weighted built-in logic block observation 61626
Martinez, M. *see* Gingrich, D. 53291
Martinez, M. *see* Gruesbeck, W.G. 99057
Martinez, M.A. Chemical-mechanical polishing: route to global planarization 62442
Martinez, M.W. *see* Chang, J.J. 82901
Martinez, P.A. *see* Celma, S. 80177
Martinez, P.M. *see* Torroja, Y. 97777
Martinez, R. *see* Alsafadi, Y. 74707
Martinez, R. *see* Chimiak, W.J. 76980
Martinez, R. *see* Enjeti, P.N. 54084
Martinez, R. *see* Tao, J. 75091
Martinez, R.D., Compton, R.C. Electronic beam-steering of active arrays with phase-locked loops 64247
Martinez, R.D., Compton, R.C. A quasi-optical oscillator/modulator for wireless transmission 80842
Martinez, R.E. *see* Wilk, G.D. 79775
Martinez, R.P. *see* Barlow, D.B. 87689
Martinez, T.R. *see* Stout, M.G. 48674
Martinez, Z.R., Ray, B. Bidirectional DC/DC power conversion using constant frequency multi-resonant topology 61539
Martinez de Madariaga, R., Arroyo Fernandez, D. Approach to the Internet and its impact on libraries and information services 96765
Martinez Madrid, J.J. *see* Vela, G.deM. 77685
Martinez-Anton, J.C. *see* Carreno, F. 87539
Martinez-Davalos, A., Speller, R.D., Miller, D.J., Shekhtman, L.I., Baru, S.E., Khabakhpashev, A.G., Ponomarev, O.A. Evaluation of a low-dose digital X-ray system with improved spatial resolution 88382
Martinez-Duart, J.M. *see* Perez-Rigueiro, J. 62664
Martinez-Duart, J.M. *see* Vazquez, L. 79968
Martinez-Laso, L. *see* Akimov, V. 53300
Martinez-Laso, L. *see* Arefiev, A. 88007
Martinez-Salazar, J. *see* Petermann, J. 62554
Martinez-Tovar, B. *see* Kim, J. 52984
Martinez-Uriegas, E., Peters, J.D., Zokaites, D. Parameters of perceived image quality in satellite color images 84906
Martini, E. *see* Bolling, I.A. 81041
Martini, G. *see* Bosco, P.G. 65262
Martini, G. *see* Rivetti, A. 97971
Martini, M. *see* Cappi, R. 87885
Martini, M. *see* Fanti, V. 76788
Martini, M. *see* Morrison, A.T. 88833
Martini, P. Connection oriented data service in DQDB 52170
Martini, P. Update on 802.6 ongoing work on DQDB 58164
Martini, P., Rumekasten, M. Interworking of B-ISDN and DQDB — a simulation study 65425
Martini, S. *see* Basso, M. 63268
Martinich, T.G. *see* Xu, W. 78686
Martinis, J.M. Metrological applications of single electron tunneling 87492
Martinis, J.M., Nahum, M., Jensen, H.D. Testing for metrological accuracy of the electron pump 62915
Martinis, J.M. *see* Eiles, T.M. 56269
Martinis, J.M. *see* Eiles, T.M. 72244
Martinis, J.M. *see* Jensen, H.D. 56045
Martinis, J.M. *see* Nahum, M. 52860
Martinis, L. *see* De Bernardis, P. 66010
Martino, J. *see* de Botton, N. 87946
Martino, J.A., Rotondaro, A.L.P., Simoen, E., Magnusson, U., Claeys, C. Transient effects in accumulation mode p-channel SOI MOSFET's operating at 77 K 49979
Martino, J.C.Di *see* Di Martino, J.C.
Martino, J.P. A technology audit: key to technology planning 79217
Martino, M. *see* Mihailescu, I.N. 93189
Martino, R., Ferguson, R., Budd, R., Staples, J., Liebmann, L., Molless, A., Dove, D., Weed, J. Application of the aerial image measurement system (AIMS) to the analysis of binary mask imaging and resolution enhancement techniques 71505
Martino, R. *see* Ferguson, R. 71450
Martino, R. *see* Wojcik, G. 71494
Martino, R.M. *see* Brunner, T.A. 71502
Martino, R.M. *see* Ferguson, R.A. 62566
Martino, R.M. *see* Ferguson, R.A. 71466
Martino, R.M. *see* Liebmann, L.W. 71507
Martinoia, S. *see* Grattarola, M. 58867
Martinoia, S. *see* Massobrio, G. 66270
Martinovich, E.F. *see* Mironov, V.P. 83278
Martins, A.P. *see* Quintas, A.R. 100207
Martins, C.R., Piedade, M.S. Fast adaptive noise canceller using the LMS algorithm 75782
Martins, D.C., de Abreu, G.N. Application of the ZETA converter in switch-mode power supplies 54085
Martins, E. *see* Swart, J.W. 80157
Martins, J.A. *see* Azevedo, J. 85752
Martins, J.A. *see* Oliveira, J.L. 51987
Martins, L.F. *see* Kushner, H.J. 64899
Martins, M.M., Dias, J.A.S. CMOS shunt regulator with bandgap reference for automotive environment 69169
Martins, N. *see* Campagnolo, J.M. 77844
Martins, R.B. *see* Bernussi, A.A. 50798
Martinson, T.M. Corporate ATM optical transport network 52102
Martinuzzi, S., Dugas, J. Polycrystalline silicon films, new candidates for photovoltaics? 90389
Martinuzzi, S., Perichad, I., Stemmer, M. External gettering around extended defects in multicrystalline silicon wafers 81397
Martinuzzi, S. *see* Agli, N. 81259
Martinuzzi, S. *see* El Ghitani, H. 90382
Martinuzzi, S. *see* Perichaud, I. 100645
Martinuzzi, S. *see* Stemmer, M. 81215
Martiny, W.J. *see* Buschart, R.J. 60175
Martis, R.J., Rogers, D.W. Sheared loop amorphous magnetic material for switching power supplies 68794
Martis, T.S. *see* Hasan, A.R. 89916
Martlew, B.G. *see* Quinn, P.D. 98464
Martoff, C.J. *see* Wang, X.X. 53323
Marton, B.I. *see* Bohler, C.L. 83136
Marton, D. *see* Al-Bayati, A.H. 79961
Marton, K. Negative differential conductivity on I(U) characteristics at the positive corona discharge 93703
Martone, R. *see* Albanese, R. 83429
Martone, R. *see* Coccorese, E. 83462
Martorell, J., Corbalan, R. Enhancement of second harmonic generation in a periodic structure with a defect 56926
Martovetsky, N. *see* Deis, G. 87958
Martovetsky, N. *see* Heim, J. 88070
Martovetsky, N. *see* Smith, B.A. 82465
Martsishel, Ya. *see* Tunik, A.A. 88659
Martucci, S.A. Symmetric convolution and the discrete sine and cosine transforms 64425
Martucci, S.A., Mersereau, R.M. The symmetric convolution approach to the nonexpansive implementations of FIR filter banks for images 84956
Marty, A., Nouailhat, A., Ashburn, P. Theoretical and experimental study of high-energy implanted collectors for bipolar transistors in bipolar-complementary metal oxide semiconductor transistor technology 82090
Marty, A. *see* Verzellesi, G. 62709
Marty, J. *see* Ziad, H. 68655
Marty, P. *see* Leboucher, L. 100770
Martyakhin, V.A. *see* Lyubchenko, V.E. 57197
Martyakhin, V.A. *see* Lyubchenko, V.Ye. 80552
Martyanov, S.I. A decomposition approach to construction of a system of switching junction program tracking centers 57942
Martynchuk, N.N. *see* Lebedev, A.N. 98437
Martynov, V. *see* Padmore, H.A. 88279
Martynov, V.A. *see* Sidulov, M.V. 89662
Martynova, O.I. *see* Kritskii, V.G. 89482
Martynova, O.I. *see* Mamet, V.A. 89477
Martyrov, V.F. *see* Batskikh, G.I. 81145
Martz, H.F. *see* Savchuk, V.P. 61024
Maru, H. *see* Baker, B.S. 78805
Maru, K. *see* Totoki, M. 81514
Marubayashi, E. *see* Tanabe, K. 66150
Marubayashi, G. *see* Sasaki, S. 57342
Marubayashi, G. *see* Sasaki, S. 75210
Marubayashi, M. *see* Igarashi, Y. 100978
Marugin, A.V. Injection-laser Doppler velocimeter 58986
Marugin, A.V., Kharchev, A.V., Tsaregradskii, V.B. Low-frequency output power fluctuations in an individual longitudinal mode of an injection laser 72834
Marugin, A.V. *see* Korolev, V.N. 56746
Maruhashi, T. *see* Furuya, S.-I. 54045
Maruhashi, T. *see* Ishigohka, T. 93995
Maruko, M. *see* Makino, T. 90029
Marullo-Reedtz, G. *see* Arri, E. 86831
Marullo-Reedtz, G. *see* Boella, G. 86826
Marullo-Reedtz, G. *see* Boella, G. 93014
Marullo-Reedtz, G.-C. Cryogenics in fundamental metrology 97748
Marulo, F. *see* Savastano, M. 99049
Marumo, M. *see* Maekawa, Y. 68251
Marumo, Y. *see* Kasahara, M. 65498
Marumoto, K., Yabe, H., Aya, S., Kise, K., Matsui, Y. Total evaluation of W-Ti absorber for X-ray mask 81603
Marumoto, K. *see* Komaru, M. 55836
Marumoto, K. *see* Okuyama, H. 81595
Maruno, S. *see* Gotoda, M. 61300
Maruno, S. *see* Kawaguchi, T. 82522
Maruno, S. *see* Muruyama, M. 80537
Maruno, S. *see* Nakahira, H. 80529
Maruno, S. *see* Noda, M. 79948
Maruo, T. *see* Enpuku, K. 56278
Maruo, T. *see* Higashi, Y. 49871
Maruoka, A. *see* Jimbo, S. 61090
Maruschek, J.W. *see* Kory, C.L. 62126
Maruschuk, J.G. *see* Le Vine, D.M. 77309
Marusczyk, K. *see* Lang, W. 62472
Maruse, S. *see* Hanai, T. 81166
Maruska, H.P. *see* Halverson, W. 87385
Maruta, A., Arai, Y., Matsuhara, M. Transparent boundary for finite-element beam-propagation method 73300
Maruta, A. *see* Takakuwa, I. 82631
Maruta, A. *see* Urano, H. 57172
Marutake, M. *see* Yokosuka, M. 93723
Marutiak, D.J. A-I-Net products bring new services to life 65473
Marutsuka, K. *see* Shirakata, M. 98412
Maruyama, A. Test bench for electric multi-function watthour meters 58906
Maruyama, A., Tsunoda, T. A weather forecast algorithm based on atmospheric pressure data analysis 80412
Maruyama, A. *see* Fujita, M. 84717
Maruyama, E., Terakawa, A., Sayama, K., Ninomiya, K., Hishikawa, Y., Tarui, H., Tsuda, S., Nakano, S., Kuwano, Y. Improvement for high-efficiency, stable multi-junction cells 100528
Maruyama, E. *see* De, S.C. 91580
Maruyama, E. *see* Sayama, K. 100595
Maruyama, H., Pak, K., Yonezu, H. Initial growth modes of InP layer grown by molecular beam epitaxy and migration enhanced epitaxy on Si films grown on InP(100) substrates 48932
Maruyama, H. *see* Kashiki, K. 58357
Maruyama, M. *see* Fujiwara, H. 84855
Maruyama, M. *see* Nakahira, H. 80529
Maruyama, M. *see* Ogura, T. 98798
Maruyama, M. *see* Sakiyama, S. 70706
Maruyama, S., Kobayashi, S., Kudo, K. Three-dimensional reconstructed image of electrical tree using serial sectioning method and its fractal characteristics 63057
Maruyama, S. *see* Koshiba, M. 51188
Maruyama, S. *see* Soeda, K. 61704
Maruyama, T., Fuijwara, N., Yoneda, M., Tsukamoto, K., Omori, T., Banjo, T. Fine etching by non-biased ECR plasma 55761
Maruyama, T., Fujiwara, N., Yoneda, M., Tsukamoto, K., Banjo, T. Mechanism of reactive ion etching lag in WSi_2 etching using electron cyclotron resonance plasma 55808
Maruyama, T., Morishita, T. Tin dioxide thin films prepared by photochemical vapour deposition from tin(II) acetate 91599
Maruyama, T., Ohtani, S. Photoluminescence of porous silicon exposed to ambient air 82807
Maruyama, T. *see* Eimori, T. 92192
Maruyama, T. *see* Fujiwara, N. 55807
Maruyama, T. *see* Sato, T. 56754
Maruyama, T. *see* Shapiro, G. 76455
Maruyama, T. *see* Suzuki, T. 87513
Maruyama, T. *see* Watanabe, H. 70515
Maruyama, T. *see* Xiangzhao Wang 87511
Maruyama, X.K., DiNova, K., Snyder, D., Piestrup, M.A., Qiang Li, Fiorito, R.B., Rule, D.W.

A compact tunable X-ray source based on parametric X-ray generation by moderate energy linacs 67219
Maruyama, X.K., Fasanello, T., Rietdyk, H., Piestrup, M.A., Rule, D.W., Fiorito, R.B. A method for measuring dark current electron beams in an RF linac 76518
Maruyama, Y., Maki, K., Mori, H. A hot-line manipulator remotely operated by the operator on the ground 78155
Maruyama, Y. *see* Hosaka, S. 61401
Maruyama, Y. *see* Nio, S. 78154
Maruyama, Y. *see* Wierzbicki, J.G. 67616
Marvasti, F. *see* Nafie, M. 51413
Marvasti, F. *see* Sharaf, A. 51642
Marvasti, F.A., Liu, C., Adams, G. Spectral analysis of irregular samples of multidimensional signals 51467
Marvin, A.C. Recent developments in measurement techniques for use in screened rooms 76184
Marvin, A.C., Mann, S.M. Experimental study of the calibration of antenna-screened enclosure combinations for radiated emission measurements in the frequency range from 1 to 30 MHz 76185
Marvin, A.C. *see* Dawson, J.F. 51144
Marvin, A.C. *see* Konefal, T. 94876
Marvin, D.C. *see* Halle, L.F. 100519
Marvin, D.C. *see* Scott, D.M. 100734
Marvin, W.B., Phatak, D.S., Burleson, W.P. Full simulation of optical neural networks 56491
Marwedel, P. *see* Landwehr, B. 91728
Marwick, A.D. *see* Aboelfotoh, M.O. 55647
Marwick, A.D. *see* Buchanan, D.A. 93062
Marwick, A.D. *see* Krusin-Elbaum, L. 63282
Marwood, W., Clarke, A.P. A prototype SCalable Array Processor (SCAP) 70684
Marwood, W. *see* Clarke, A.P. 69906
Marx, D. *see* Liu, X.F. 70044
Marx, G.T. New telecommunications technologies require new manners 96365
Marx, K. *see* Ayyagari, M. 87305
Marx, K.A., Ok Lim, J., Minehan, D., Pande, R., Kamath, M., Tripathy, S.K., Kaplan, D.L. Intelligent materials properties of DNA and strategies for its incorporation into electroactive polymeric thin film systems 79995
Marx, K.A. *see* Chen, Z. 87304
Marx, K.A. *see* Samuelson, L.A. 66518
Mary, C. *see* Janvier, C. 79182
Mar'yanchuk, P.D. *see* Krylov, K.R. 92980
Maryanski, M.J., Schulz, R.J., Ibbott, G.S., Gatenby, J.C., Xie, J., Horton, D., Gore, J.C. Magnetic resonance imaging of radiation dose distributions using a polymer-gel dosimeter 88614
Marz, D. *see* Scheinberg, N. 61835
Marz, M.B., Royster, T.E., Wahlgren, C.M. A utility's approach to the application of scout arresters for overvoltage protection of underground distribution circuits 89244
Marz, R., Tischendorf, C. Solving more general index-2 differential algebraic equations 91375
Marz, R. *see* Clemens, P.C. 82700
Marzano, F.S. *see* Vivekanandan, J. 77375
Marzen, V. *see* McKillip, R. 77155
Marzetta, T.L. Fan filters, the 3-D Radon transform, and image sequence analysis 64730
Marzetta, T.L. Uniformly optimal 3-D fan filters for optical moving target detection 85049
Marziali, A., Schwettman, A. Microphonic analysis of cryo-module design 66809
Marziali, A., Smith, T.I. Demonstration of wavelength stabilization in a free-electron laser 83181
Marziani, M. *see* Alfano, B. 59375
Marziani, M. *see* Bencivelli, W. 88436
Marziani, M. *see* Frontera, F. 76862
Marziani, M. *see* Gambaccini, M. 88448
Marzio, D.D. *see* Casagrande, L.G. 91420
Marzio, D.D. *see* Larson, D.J., Jr. 91419
Marzio, D.Di *see* Di Marzio, D.
Marzo, J.L., Domingo, J., Fabregat, R., Sole, J. Multicast algorithms evaluation using an adaptative routing in ATM networks 65085
Marzo-Lazaro, J.L. *see* Fabregat-Gesa, R. 85363
Marzouk, E.S. *see* Franceschetti, G. 67798
Marzouk, H.A., Kim, J.Y., Kim, J.S., Reucroft, P.J., Jacob, R.J., Robertson, J.D., Eloi, C. Non-selective copper film growth on Kapton (polyimide) by MOCVD 79953
Marzouki, A. *see* Quelle, H.-C. 77500
Marzouki, M. *see* Lubaszewski, M. 48687
Marzulli, P. *see* Ghelardoni, P. 54781
Marzulli, V. *see* Fanti, V. 76788
Marzullo, K. *see* Budhiraja, N. 85340
Masa, P., Hoen, K., Wallinga, H. A high-speed analog neural processor 61838
Masada, E. High power converters and their applications in future 100386
Masada, E. *see* Kosceki, T. 78655
Masada, E. *see* Morizane, T. 90028
Masai, J., Shibata-Seki, T., Seki, K., Mori, K., Yamauchi, H., Sasaki, K., Yoshiyama, R., Yamamoto, M. Surface characterization of flexible magnetic disk with scanning probe microscopy 63244
Masai, Y. *see* Kamio, H. 95267
Masakawa, T., Komura, K., Tsunoda, T., Nagaoka, N. An estimating method of a two terminal-pair network's transfer-function in frequency domain 91693
Masaki, H. *see* Hashimoto, Y. 92706
Masaki, I. Function-oriented chip approach for real-time vision 95940
Masaki, K., Sakakibara, T., Murase, H., Akazaki, M., Uehara, K., Menju, S. On-site measurement for the development of on-line partial discharge monitoring system in GIS 68916
Masaki, K. *see* Inaba, H. 56213
Masaki, S. *see* Adachi, K. 53557
Masaki, T., Higuchi, K., Yokoi, Y. Study on the effective lightning protection schemes for distribution line 68303
Masakiyo, F. *see* Niki, N. 88509
Masalov, A.V., Putilin, A.A., Vasilyev, M.V. Sub-Poissonian light and photocurrent shot-noise suppression in closed optoelectronic loop 94267
Masarweh, S.K., Sherer, T.N., Yngvesson, K.S., Gingras, R.L., Drubin, C., Cardiasmenos, A.G., Wolverton, J. Modeling of a monolithic slot ring quasi-optical mixer 80740
Masashi Ohkawa *see* Xiang-Zhao Wang 56948
Masayuki Iijima *see* Xian-Shan Wang 93690
Mascarenhas, N. *see* Chen, M. 59169
Mascarilla, L., Zahzah, E.H., Desachy, J. Combination of remote sensing and geocoded data for satellite image interpretation based on neural networks 77308
Mascarin, G. *see* Pantel, R. 82062
Mascarini, C. *see* Martin, A. 67356
Maschenko, A.I. *see* Bayborodin, Yu.V. 72408
Maschmeyer, R.O. *see* Bhagavatula, V.A. 94129
Masci, F. *see* Redaelli, G. 77398
Masciangelo, S. *see* Garibotto, G. 57777
Mascini, M. *see* Sansubrino, A. 87309
Masciocchi, S., Peisert, A., Ronnqvist, C., Vite, D. Capacitance measurements on silicon microstrip detectors 59137
Mascitelli, R.O. *see* Gulbransen, D.J. 66490
Masciulli, P. *see* Bertolotti, M. 63450
Mascle, S. *see* Olivier, P. 77243
Mascureau, J.de *see* de Mascureau, J.
Mase, K. *see* Fukumoto, M. 95768
Mase, S. *see* Nishizawa, H. 66591
Masegi, T. *see* Kuriyama, T. 94009
Masek, J. *see* Zogg, H. 58830
Masek, J. *see* Zogg, H. 61259
Masek, K. *see* Mroz, W. 53219
Maselli, F. *see* Conese, C. 53530
Maselli, F. *see* Conese, C. 57786
Masera, G. *see* Civera, P. 49347
Masera, G. *see* Demarchi, D. 55285
Maserjian, J. *see* Johnston, A.R. 63363
Maserjian, J. *see* Johnston, A.R. 72434
Maserjian, J. *see* Thakoor, S. 82180
Maset, E. *see* Dede, E.J. 90658
Masetti, E. *see* Montecchi, M. 72976
Masetti, F., Gabriagues, J.-M. Multigigabit ATM optical cell processors: design guidelines and open issues 52505
Masetti, F. *see* Boettle, D. 97335
Masetti, F. *see* Casoni, M. 86017
Masetti, F. *see* Gabriagues, J.M. 97301
Masetti, F. *see* Jacob, J.-B. 52503
Masetti, G. *see* Kovacs-Vajna, Z.M. 50055
Mashade, R.B.El *see* El Mashade, R.B.
Mashaly, H.M., Sharaf, A.M., Mansour, M.M., El-Sattar, A.A. Fuzzy logic controller for maximum power tracking in line-commutated photovoltaic inverter scheme 100766
Mashanskii, A.M. *see* Bondarenko, A.F. 77917
Mashanskii, A.M. *see* Bondarenko, A.F. 99503
Mashao, D.J. *see* Foote, J.T. 84131
Mashayekhi, V. *see* Riedl, J. 65458
Mashikhin, A.D. *see* Bogoslovskii, A.P. 69156
Mashikhin, A.D. *see* Fel'dman, Yu.I. 68651
Mashikhin, A.D. *see* Fel'dman, Yu.I. 69103
Mashikian, M.S., Luther, R., Sr., McIver, J.C., Jurcisin, J., Jr., Spencer, P.W. Evaluation of field aged crosslinked polyethylene cables by partial discharge location 68244
Mashiko, K. *see* Sato, H. 91974
Mashiko, K. *see* Suzuki, S. 67046
Mashiko, K. *see* Ueda, K. 75483
Mashiko, Y. *see* Nakamura, M. 75786
Mashiko, Y. *see* Uchida, T. 93097
Mashimo, S. *see* Mizumoto, T. 50524
Mashinsky, V.M. *see* Anoikin, E.V. 56334
Mashinsky, V.M. *see* Isaev, A.A. 94625
Mashkovskii, D.A. *see* Apollonov, V.V. 72765
Mashtakov, A.D. *see* Erokhin, A.A. 87016
Mashwama, M., Newham, P.J. Swaziland PF correction project 99485
Masi, J., Davis, R., Fox, M., Peura, R. *(editors)* Proceedings of the 1994 20th Annual Northeast Bioengineering Conference (Cat. No.94CH3439-7) 54323
Masi, S. *see* De Bernardis, P. 66010
Masiello, R.D. *see* Malagodi, M.S. 77059
Masiennikov, A. *see* Benary, O. 98517
Masini, G., Palma, F., Tucci, M. Spatially resolved trap spectroscopy in amorphous silicon solar cells 100694
Maskara, S.L., Chakrabarti, S. Understanding error control coding 83987
Maskell, W.C. *see* Benammar, M. 87319
Maslar, J.E., Bohn, P.W., Agarwala, S., Adesida, I., Caneau, C., Bhat, R. Sputter-induced formation of an electron accumulation layer in $In_{0.52}Al_{0.48}As$ 71094
Maslennikov, A. *see* Benary, O. 98640
Maslennikov, A.L. *see* Aulchenko, V.M. 67341
Maslennikov, A.M. *see* Benary, O. 53327
Maslennikov, D.B. *see* Urlin, V.D. 50734
Maslennikov, I.L. *see* Anashin, V.V. 98393
Maslennikov, L.A. *see* Grishaev, S.I. 88136
Maslennikov, V.L. *see* Loktev, S.M. 72407
Maslennikov, V.M. *see* Batenin, V.M. 89703
Maslennikov, Y.V., Snigirev, O., Cerdonio, M., Prodi, G.A., Vitale, S. Thermal magnetic noise due to eddy currents in a strip wound ferromagnetic core at 4.2 K 72169
Maslov, A.A. *see* Kiselev, V.Ya. 99043
Maslov, I.V. *see* Borisov, R.I. 59840
Maslov, K. *see* Dorozhkin, L.M. 77734
Maslov, M. *see* Carrigan, R.A., Jr. 59039
Maslov, M.A. *see* Baibekov, V.I. 76574
Maslovskii, V.M., Klimov, Yu.A., Samsonov, N.S., Simanovich, E.V. Changes induced in the electrical properties of Si-SiO_2 systems by pulsed magnetic fields 71239
Maslovskii, V.M. *see* Levin, M.N. 55673
Maslovsky, V.M. *see* Levin, M.N. 62305
Maslowski, W.A. *see* Braun, D.H. 90530
Masnari, N.A. *see* Tian, H. 93374
Masoero, A. *see* Morten, B. 92636
Masoller, C. Coexistence of attractors in a laser diode with optical feedback from a large external cavity 83167
Mason, A.G. *see* Shelley, M.W. 57291
Mason, A.G. *see* Windram, M.D. 86652
Mason, B. *see* Fisher, M.V. 88288
Mason, C.F. Will regulatory hurdles trip up PCS? 65619
Mason, C.H. *see* Herman, R.M. 86224
Mason, D. *see* Arodzero, A. 59076
Mason, D.C. *see* Le Bas, T.P. 88738
Mason, D.J. *see* Beddara, A.S. 77098
Mason, J., Augousti, A.T. A self-referenced fibre optic temperature sensor using the temperature dependent threshold voltage of twisted nematic liquid crystals 87229
Mason, J. *see* Augousti, A.T. 66707
Mason, J. *see* Augousti, A.T. 87577
Mason, J. *see* Pritchett, S. 87010
Mason, J.B. *see* Gaston, G.J. 62753
Mason, J.S. *see* Haigh, J.A. 84172
Mason, J.S. *see* Le, T.T. 64354
Mason, J.S. *see* Le, T.T. 84169
Mason, J.S. *see* Openshaw, J.P. 84049
Mason, J.S. *see* Openshaw, J.P. 84174
Mason, L. *see* Ke-Qiang Liao 96809
Mason, L.G. *see* Dziong, Z. 58074
Mason, L.J. Estimation of fine-time synchronization error in FH FDMA satcom systems using the early-late filter technique 52458
Mason, L.J. Adaptive nulling with a multiple-beam antenna in FH/FDMA satellite communications 86294
Mason, L.J. *see* Qiang Wang 57329
Mason, M.E. *see* Legg, J.D. 62072
Mason, N.B. *see* Turner, A.K. 100462
Mason, N.J. *see* Barnes, D.J. 55592
Mason, P., Gutt, G., MacNeal, P., Rogers, D., Bunker, E., Torii, R., Worden, P. System design for the control of liquid helium by electrostatic forces for the Satellite Test of Equivalence Principle (STEP) mission 99040
Mason, P.D., Jackson, D.J., Gorton, E.K. CO_2 laser frequency doubling in $ZnGeP_2$ 73038
Mason, P.L., Penty, R.V., White, I.H. A system model for studying fibre grating dispersion compensators 65803
Mason, P.L., Penty, R.V., White, I.H. Multiple stage dispersion compensation in long haul optical fibre systems using chirped fibre Bragg gratings 75501
Mason, R. *see* Toth, J.M. 95436
Mason, R. *see* Visocchi, P. 70727
Mason, R.L. Data fusion for detecting sonar contacts from multiple sensors: the two sensor case 86606
Mason, S. *see* Linga, K.R. 66327
Mason, S.G. *see* Tajwar, S. 88510
Mason, S.T. *see* Gandy, C. 97594
Mason, T., Howard, J. Data recording using VHS 82283
Mason, T.O. *see* Kirkpatrick, K.S. 70170
Mason, W.P. *see* Engler, M.J. 77042
Masoni, A. *see* Martin, A. 67356
Masoomzadeh-Fard, A., Venetsanopoulos, A.N. An efficient vector ranking filter for colour image restoration 85084
Masory, O., Marquis, L., Subramanian, C., Kumar, A. Design and construction of a 'space emulator' 59456
Masot, F., Medina, F., Horno, M. Analysis and experimental validation of a type of three-microstrip directional coupler 80585
Masotti, D. *see* Rizzoli, V. 61924
Masotti, D. *see* Rizzoli, V. 80716
Masotti, L. *see* Capineri, L. 66185
Masoudi, H.M., Arnold, J.M. Parallel beam propagation methods 83750
Masri, S. *see* Murphy, K. 53091
Masri, S.F. *see* De Vries, M. 52939

Masri, S.F. *see* de Vries, M.J. 98067
Masry, E. On the truncation error of the sampling expansion for stationary bandlimited processes 95398
Masry, E. *see* Cambanis, S. 95428
Massa, A. *see* Caorsi, S. 73272
Massa, A. *see* Caorsi, S. 94789
Massa, G.Di *see* Di Massa, G.
Massaccesi, S. *see* Guillemoles, J.F. 79877
Massaccesi, S. *see* Guillemoles, J.F. 90397
Massaccesi, S. *see* Thouin, L. 81260
Massafra, P. *see* Fissore, L. 64338
Massafra, P. *see* Fissore, L. 84038
Massai, M.M. *see* Angelini, F. 59120
Massai, M.M. *see* Angelini, F. 98520
Massaloux, D. *see* Salami, R. 73892
Massambani, O. *see* Silveira, R. 86075
Massara, R.E. *see* Gustard, N.C. 92366
Massarek, I. *see* Di Pasquale, F. 72358
Massarini, A. *see* Borghi, C.A. 100774
Massarini, A. *see* Borghi, C.A. 100779
Massarotti, A. The design of a pill-box cavity with waveguide HOM suppressors 67114
Massarotti, A. Power conditioning of the RF cavities for ELETTRA 67115
Massarotti, A., D'Auria, G., Fabris, A., Pasotti, C., Rizzi, V., Rossi, E., Svandrlik, M. The low level system for the ELETTRA RF plants 66817
Massarotti, A. *see* Abrami, A. 98715
Massaud, A.G., Schilling, M.T., Hernandez, J.P. Electricity restriction costs 77896
Massaut, V. Learning from BR3 78326
Masse, P. *see* Lagage, P.-O. 66431
Masse, P. *see* Leboucher, L. 100770
Massee, P., Rijanto, H. The optimum adjustment of motor protection relays in an industrial complex 90684
Masselink, W.T. *see* Zahurak, J. 62891
Massenat, M. High-density package, cofired, multi-chip module, 3D, a mass memory mixed technology for space applications 90963
Massengill, L.W., Alles, M.L., Kerns, S.E. SEU error rates in advanced digital CMOS 71781
Massetti, R. *see* Adam, A. 88087
Massetti, R. *see* Adam, A. 88102
Massetti, R. *see* Adriani, O. 88023
Massey, G.W. Estimation methods for power system harmonic effects on power distribution transformers 59931
Massey, G.W. Power distribution system design for operation under nonsinusoidal load conditions 78105
Massey, J.L. Some applications of source coding in cryptography 73624
Massey, J.L. *see* Rupf, M. 96179
Massey, J.L. *see* Rupf, N. 74661
Massey, R.S. *see* Carlos, R.C. 77418
Massey, S. *see* Simons, D.A. 66426
Massey, W.A. *see* Leung, K.K. 65644
Massey, W.A. *see* Leung, K.K. 97056
Massicott, J.F., Willson, S.D., Wyatt, R., Armitage, J.R., Kashyap, R., Williams, D., Lobbett, R.A. 1480 nm pumped erbium doped fibre amplifier with all optical automatic gain control 63705
Massicotte, D. *see* Barwicz, A. 66095
Massicotte, D. *see* Barwicz, A. 97743
Massicotte, D. *see* Barwicz, A. 97877
Massie, F. *see* Bouteiller, L. 58931
Massie, M. *see* Curzan, J. 98106
Massie, M.A. Analog nonuniformity correction for highly integrated staring focal plane assemblies 66493
Massie, M.A. A complete end-to-end infrared sensor CAD system—the key to affordable focal plane designs 66494
Massie, M.A., Curzan, J.P., McCarley, P.L. A neuromorphic sensor with retinal capabilities 98117
Massies, J. *see* Courboules, B. 79774
Massies, J. *see* Grandjean, N. 54827
Massies, J. *see* Grandjean, N. 91480
Massies, J. *see* Tournie, E. 54896
Massini, A. *see* De Biase, G.A. 72524
Massiot, M., Perchais, E., Cicognani, J.W., Polzer, E. LTCC—an economical and industrial interconnect and packaging solution for MCM's 81103
Massobrio, G., Martinoia, S., Grattarola, M. Use of SPICE for modeling silicon-based chemical sensors 66270
Massobrio, G. *see* Grattarola, M. 58867
Massof, R.W., Rickman, D.L., Lalle, P.A. Low Vision Enhancement System 77063
Massof, R.W. *see* Sadowsky, J. 74898
Masson, G.M. *see* Yuanyuan Yang 75054
Massone, A. *see* Castagneri, G. 64341
Massonnet, D., Adragna, F., Rossi, M. CNES general-purpose SAR correlator 88851
Massoth, R.J. *see* Samaratunga, R.C. 67470
Massoud, H.Z. *see* Mirabedini, M.R. 71680
Massoud, H.Z. *see* Mirabedini, M.R. 81916
Massoulie, L. *see* Bremaud, P. 79547
Massoumnia, M.-A. An optimal mid-course guidance law for fixed-interval propulsive maneuvers 59442
Massucco, S. *see* Berizzi, A. 67977
Massucco, S. *see* Berizzi, A. 77882
Massuda, M. *see* Hom, C.L. 71868
Masszi, F. *see* Tarnay, K. 55061
Mastalio, K.I. *see* Lavely, L.L. 89645
Mastebroek, H.A.K. *see* van Deemter, J.H. 64752
Masters, E.G., Rizos, C., Hirsch, B. GPS...more than a real world digitizer 65969
Masterson, J. *see* Logan, P.M. 76906
Mastichiadis, T., Economou, E., Davies, A. Design principles and performance for flooding routing mesh topology spread spectrum LANs 96665
Mastin, S.T. *see* Drane, W.E. 98765
Mastrangelo, A.J. Practical considerations in dispensing solder cream 81037
Mastrangelo, C.H., Saloka, G.S. A dry-release method based on polymer columns for microstructure fabrication 55787
Mastrangelo, C.H. *see* Najafi, K. 97919
Mastrapasqua, M., Bude, J., Pinto, M., Manchanda, L., Lee, K.F. Temperature and channel-length dependence of impact ionization in p-channel MOSFETs 71669
Mastrapasqua, M., Luryi, S., Belenky, G.L., Garbinski, P.A., Cho, A.Y., Sivco, D.L. Multiterminal light emitting logic device electrically reprogrammable between OR and NAND functions 63527
Mastrapasqua, M. *see* Tedesco, C. 93328
Mastretta, M. *see* Guglielmi, N. 69615
Mastri, F. *see* Rizzoli, V. 61924
Mastri, F. *see* Rizzoli, V. 80716
Mastri, F. *see* Rizzoli, V. 80721
Mastroianni, G., Monegato, G. Nystrom interpolants based on the zeros of Legendre polynomials for a non-compact integral operator equation 79736
Mastroianni, G. *see* Vecchia, B.D. 69810
Mastronardi, G., Spilotros, F. Image expansion operators based on the Hadamard pyramidal coding 84869
Mastrovito, A. *see* Karam, N.H. 91629
Masu, K., Tsubouchi, K. Temperature scaling concept of MOSFET 62800
Masu, K. *see* Nakase, H. 85970
Masu, K. *see* Yokoyama, M. 62783
Masubuchi, H. *see* Kobayashi, H. 95285
Masubuchi, K. *see* Tohyama, S. 98089
Masuchi, T. *see* Sawa, S. 94156
Masuda, A., Itoh, K.-I., Zhou, J.-H., Kumeda, M., Shimizu, T. Relationship between electrical conductivity and charged-dangling-bond density in nitrogen- and phosphorus-doped hydrogenated amorphous silicon 92930
Masuda, H. *see* Arai, S. 76316
Masuda, H. *see* Mochizuki, K. 70003
Masuda, H. *see* Niki, K. 76428
Masuda, H. *see* Sato, H. 50082
Masuda, H. *see* Tanoue, T. 62706
Masuda, H. *see* Tsuneno, K. 49986
Masuda, H. *see* Yamashita, M. 58248
Masuda, I. *see* Minami, T. 84640
Masuda, K., Yataka, K., Chujo, Y., Kondo, K., Iijima, K. Measurement of initial conditions of a flying golf ball 98311
Masuda, K., Yuta, H., Abe, K., Hasegawa, K., Suekane, F., Kawamura, N., Katayama, J., Nakajima, T., Hanada, H., Neichi, K., Hasegawa, Y., Iwasaki, Y., Suzuki, K., Kuriki, M., Higuchi, M., Hoshi, Y., Iso, H., Sakamoto, M., Kikuchi, R., Miyano, K., Ishimaru, K. Characteristics of an ionization chamber filled with tetramethylgermanium 67337
Masuda, K. *see* Chen, M. 67340
Masuda, K. *see* Hirano, R. 86361
Masuda, K. *see* Hoshi, Y. 88113
Masuda, K. *see* Ishida, N. 67339
Masuda, K. *see* Oyama, K. 98567
Masuda, K. *see* Sakamoto, M. 59077
Masuda, M. *see* Okada, H. 77735
Masuda, N. *see* Kawaguchi, S. 79031
Masuda, S., Hosokawa, S., Tochizawa, I., Akutsu, K., Kuwano, K., Iwata, A. Surface treatment of plastic material by pulse corona induced plasma chemical process—PPCP 60642
Masuda, S., Mori, I., Tanaka, E. Algorithms for finding one of the largest common subgraphs of two trees 48789
Masuda, S. *see* Maeda, H. 69930
Masuda, S. *see* Padmanaban, M. 81618
Masuda, S. *see* Spiess, W. 81620
Masuda, T., Kimura, N. CAE applications in elevator development 78919
Masuda, T., Oyama, T., Hamada, S., Takahashi, N.S., Kawamura, I., Hagiwara, T. Linear and nonlinear operations of optically addressed spatial light modulators using antiferroelectric liquid crystal 56479
Masuda, T. *see* Hagio, K. 97607
Masuda, T. *see* Kawase, M. 79898
Masuda, T. *see* Nambu, H. 70537
Masuda, T. *see* Ogimoto, K. 89056
Masuda, T. *see* Tamaki, S. 61707
Masuda, W., Yamada, H. Numerical simulation of supersonic flow CO chemical laser solving Navier-Stokes equations 82897
Masuda, W. *see* Imada, G. 50726
Masuda, W. *see* Imada, G. 82907
Masuda, Y. Variation of dielectric constant affected by domain structure and electric-field-induced strain in ferroelectric ceramics 93727
Masuda, Y., Etani, A., Endoh, A., Takahashi, S.K., Nishihara, M., Matsumoto, H. Schematic editor for ASICs 61465
Masuda, Y., Sakata, K. Electro-optic and memory properties of PLZT ceramic family 82185
Masuda, Y. *see* Jyumonji, M. 56661
Masuda, Y. *see* Nakamura, H. 98229
Masugata, K. *see* Imada, G. 50726
Masugata, K. *see* Imada, G. 63650
Masugata, K. *see* Imada, G. 82907
Masugi, M., Murakawa, K., Kuwabara, N., Amemiya, F. Measurement and analysis of electromagnetic pulses due to indirect ESD 64164
Masugi, M., Takagi, K., Sato, M., Amemiya, F., Tokuda, M. An electromagnetic environmental monitoring system that interlocks with malfunctions 79266
Masuhara, H. *see* Sasaki, K. 94580
Masuhara, H. *see* Sekiguchi, A. 79927
Masuhara, H. *see* Sugimura, H. 93277
Masui, K. *see* Okuno, A. 54540
Masui, S., Tachimori, M. An analysis of threshold voltage variation in thin-film SOI MOSFETs 93463
Masui, T. *see* Maekawa, H. 60373
Masukawa, S., Iida, S. An improved double connected voltage source inverter for a static VAr compensator 60307
Masukawa, S., Iida, S. A method for reducing harmonics in output voltages of a double-connected inverter 100220
Masukawa, T. *see* Mori, K. 50273
Masuko, H., Shimada, M. Check of ocean observation capability of JERS-1 SAR 77452
Masuko, H. *see* Kobayashi, T. 77571
Masuko, H. *see* Ochiai, S. 67816
Masukura, K. *see* Fukami, K. 77458
Masukura, K. *see* Maekawa, Y. 77401
Masullo, M.R. *see* Cardito, M. 76449
Masumi, T. *see* Nakajima, H. 72462
Masumo, K., Yuki, M. Low-temperature preparation of poly-Si TFT by Ar laser annealing at high scanning speed 50023
Masumori, M. *see* Koziol, B. 65354
Masumoto, D. *see* Kimoto, T. 84615
Masumoto, K. *see* Kimoto, K. 61268
Masumoto, K. *see* Kimoto, K. 62214
Masumoto, K. *see* Noda, Y. 61222
Masumoto, M. *see* Yamaoka, K. 96801
Masumoto, S. *see* Raghavan, V. 77248
Masumoto, T. *see* Makino, A. 68674
Masumoto, Y. Luminescence and lasing of CuCl nanocrystals 72738
Masumura, Y., Ishikawa, T., Saitoh, H., Ishibashi, M., Fujii, K. Improvement of the lasing performance of the CuCl-He laser by adding Ag atoms as energy donors and Cs atoms as energy acceptors 63674
Masunov, E.S. Acceleration and transverse focusing of ion beams in lineondutron 76404
Masunov, E.S. *see* Chubar, O.V. 76605
Masuoka, A.F. *see* Aritome, S. 92204
Masuoka, F. Flash memory 55271
Masuoka, F. *see* Endoh, T. 61727
Masuoka, F. *see* Sakui, K. 92200
Masuoka, F. *see* Shiratake, S. 70528
Masuoka, F. *see* Tanaka, T. 92244
Masuoka, F. *see* Tanzawa, T. 70527
Masuoka, F. *see* Terauchi, M. 70501
Masuoka, F. *see* Yamashita, H. 97663
Masusda, T. *see* Saitoh, Y. 59075
Masut, R.A. *see* Bensaada, A. 55626
Masut, R.A. *see* Cleton, F. 81318
Masut, R.A. *see* Singh, A. 81772
Masut, R.A. *see* Sundararaman, C.S. 49828
Masut, R.A. *see* Xing, Q.J. 72891
Masuyama, S. *see* Corneil, D.G. 54670
Masuzawa, H. *see* Sugiura, A. 94989
Masuzawa, K. *see* Kojima, S. 60003
Masyurenko, Yu.A. *see* Kononenko, A.G. 87547
Maszara, W.P. *see* Warren, W.L. 93078
Matagne, E. *see* Garrido, M. 90074
Matal, M., Myslik, V., Machac, P. Polyimide thin films as original antireflection coatings in optoelectronic applications 72547
Matalgah, M.M. *see* Obaidat, M.S. 98764
Matanic, I., Klepac, V. The CCD sensor blemishes measurement 98113
Matano, T. *see* Sugibayashi, T. 70552
Matano, T. *see* Sugibayashi, T. 92215
Matarazzo, A., Pincetti, A., Civiera, P., Grasso, G., Hanssler, B. How to verify functional specifications of a system: a top-down process for ASIC development in automotive electronics 80217
Matare, H.F. How can dislocations enhance the efficiency of photovoltaic solar cells? 90381
Matas, J., Kittler, J. Contextual junction finder 84651
Matas, S. *see* Mihalik, M. 71986
Matcha, S., Chih-Cheng Hung, Imao Chen Certain and correlated neighboring pixels in multispectral image classification 95674
Mateescu, G. *see* Faur, M. 100687
Mateescu, M. On allocation schemes for the interconnection of LANs and multimedia sources over broadband networks 65424
Mateescu, M. Managing concurrency in the global network 96483

Mateika, D. *see* Kling, A. 67355
Matej, S., Lewitt, R.M. Image representation and tomographic reconstruction using spherically-symmetric volume elements 59331
Mateljan, I. Models for the estimation of the loudspeaker in-room response 97712
Maten, E.J.W.ter *see* ter Maten, E.J.W.
Mateo, D. *see* Segura, J. 93588
Mateo, F.X. *see* Li, W. 85024
Mateos, F. *see* Fimia, A. 94681
Mateos, P. *see* Calvo, F. 52285
Matera, F., Mecozzi, A., Romagnoli, M., Settembre, M. Signal propagation in the presence of side-band instability in long fiber links 75454
Matera, F., Settembre, M. Exploitation of optical fibre capacity in long links 58401
Matera, F., Settembre, M. Nonlinear compensation of chromatic dispersion for phase-and intensity-modulated signals in the presence of amplified spontaneous emission noise 83274
Matera, F. *see* Betti, S. 75751
Matera, F. *see* Camarda, P. 52483
Matera, F. *see* Galtarossa, A. 52489
Matera, F. *see* Iannone, E. 52589
Materdey, T., Gonzalez, S., Gomez, R., García, B. A new vision of numerical methods for the solution of Maxwell's equations related to the FD-TD method; application to general anisotropic media 51179
Mathae, J.C. *see* Rossa, E. 76592
Mathai, A. *see* Wellstood, F.C. 97906
Mathar, R., Zilinskas, A. Maximizing throughput of finite population slotted ALOHA 65080
Mathauer, V. Alcatel 4000: EDP and telecommunication grow together 96759
Mathcoorasing, D. *see* Blez, M. 56811
Matheisen, A. *see* Kirchgessner, J. 67104
Mathelin, M.de *see* de Mathelin, M.
Mather, C.J. *see* Dahlin, M.D. 85298
Mather, J.C. *see* Buhler, M. 67417
Matherson, K.J., Barber, H.B., Barrett, H.H., Hartsough, N.E., Woolfenden, J.M. Intraoperative coincidence probe for tumor detection with ^{111}In-labelled monoclonal antibodies 98844
Matherson, K.J. *see* Barber, H.B. 98851
Mathes, K.N., Goshima, H. Comments on "Dielectric breakdown characteristics of cryogenic nitrogen gas above liquid nitrogen surface" [and reply] 63071
Mathes, R., Pisoni, C., Tagliafico, L., Thibault, J.P. LM-MHD conversion: cycle analysis 100777
Matheson, D.N. *see* Claude, S.M.X. 93951
Matheson, J. *see* Beaumont, S.P. 88037
Mathet, V., Padeletti, G., Olivier, J., Galtier, P., Nguyen-Van-Dau, F. Microstructural characterization of the heteroepitaxy PbSe/BaF_2/CaF_2 on (111) Si 79835
Mathet, V. *see* Collot, P. 58791
Mathet, V. *see* Olivier, J. 79838
Matheus, A. Comparison of soliton propagation with other dispersion minimizing techniques for high bit-rate data transmission on standard monomode fibres 52493
Mathew, F.P. *see* Hamaker, H.C. 71470
Mathew, G., Reddy, V.U. Development and analysis of a neural network approach to Pisarenko's harmonic retrieval method 51451
Mathew, G., Reddy, V.U. Orthogonal eigensubspace estimation using neural networks 74083
Mathew, J., Marsh, S.J., Dialetis, D., Kapetanakos, C.A. Beam trapping in a modified betatron accelerator with a localized bipolar electric-field pulse 87691
Mathew, S. *see* Jarvis, G.B. 83277
Mathew, T., Stephen, D.S., Aanandan, C.K., Mohanan, P., Nair, K.G. Wideband trapezoidal strip grating for elimination of specular reflection 64153
Mathew, T. *see* Saji Stephen, D. 51063
Mathews, C.P., Zoltowski, M.D. Eigenstructure techniques for 2-D angle estimation with uniform circular arrays 84361
Mathews, C.P., Zoltowski, M.D. Performance analysis of the UCA-ESPRIT algorithm for circular ring arrays 84377
Mathews, C.P. *see* Zoltowski, M.D. 84411
Mathews, C.P. *see* Zoltowski, M.D. 95391
Mathews, H.W., Jr. Global outlook of safety and security systems in passenger cars and light trucks 78976
Mathews, J.D. *see* Qihou Zhou 97377
Mathews, N. *see* Chitre, D.M. 86246
Mathews, V.J., Junghsi Lee Techniques for bilinear time series analysis 95527
Mathews, V.J. *see* Junghsi Lee 74095
Mathews, V.J. *see* Lee, J. 80476
Mathews, V.J. *see* Syed, M.A. 51507
Mathews, V.K. *see* Fazan, P.C. 61720
Mathews, V.K. *see* Fazan, P.C. 93538
Mathews, V.K. *see* Han, L.K. 80319
Mathews, V.K. *see* Yoon, G.W. 49833
Mathewson, A. *see* Power, J.A. 50093
Mathewson, A. *see* Power, J.A. 82069
Mathewson, A.G. Vacuum technology for superconducting colliders 87853
Mathewson, B.J. *see* Hensler, K.V. 60172
Mathias, C.J. New LAN gear snaps unseen desktop chains 52083
Mathias, C.J. Wireless LANs: The top 10 challenges 85644
Mathias, H., Hebrard, L., Berger-Toussan, J., Jacquemod, G., Gaffiot, F., Le Helley, M. Automatic layout generation for CMOS analog transistors 91726
Mathias, H.H.G. *see* Skirius, S.A. 61421
Mathias, K.E., Whitley, L.D. Initial performance comparisons for the delta coding algorithm 95179
Mathias, K.E., Whitley, L.D., Stork, C., Kusuma, T. Staged hybrid genetic search for seismic data imaging 95976
Mathias, W.M. *see* Collins, F.M. 80899
Mathies, R.A., Scherer, J.R., Quesada, M.A., Rye, H.S., Glazer, A.N. Laser-excited confocal-fluorescence gel scanner 53384
Mathieson, D., Kalbfleisch, C., Hunt, S., Low, K. High speed serial communications for control systems [SSC] 75009
Mathieson, D., Robertson, B.J., Beerschwinger, U., Yang, S.J., Reuben, R.L., Addlesee, A.J., Spencer, J., Lawes, R.A. Micro torque measurements for a prototype turbine 100184
Mathieson, D. *see* Kalbfleisch, C. 74864
Mathieson, D. *see* Milne, N.G. 90039
Mathieson, E. *see* Mir, J.A. 67308
Mathieu, B., Dasgupta, A. A fractional-factorial numerical technique for stress analysis of glass-to-metal lead seals 69563
Mathieu, C. *see* Raasch, D. 82245
Mathieu, M.-C. Holographic visualization system 56959
Mathieu, N., Chovet, A., Chertouk, M. Figures of merit of semiconductor integrated magnetic sensors 52789
Mathieu, P., Parent, A., Snell, K., Peressini, D. Tunable gain-switched chromium YAG laser 56692
Mathieu, P. *see* Barlaud, M. 74327
Mathieu, P. *see* Bruneau, J.-M. 74462
Mathine, D.L., Maracas, G.N., Gerber, D.S., Droopad, R., Graham, R.J., McCartney, M.R. Characterization of an AlGaAs/GaAs asymmetric triangular quantum well grown by a digital alloy approximation 54877
Mathine, D.L. *see* Cody, J.G. 56751
Mathine, D.L. *see* Fathollahnejad, H. 72904
Mathiopoulos, P.T., Sablatash, M. Design and performance factors for mobile broadcast teletext reception 96596
Mathiopoulos, P.T., Sablatash, M. Design and selection of a ghost cancelling reference signal for television systems in North America 97629
Mathiopoulos, P.T. *see* Makrakis, D. 51325
Mathiot, D. *see* Warren, W.L. 62330
Mathis, B.S. *see* Bonnot, A.M. 70085
Mathis, W. Recent developments in numerical integration of differential equations 54771
Mathisen, T., Orpen, O. Use of GPS-determined attitude in combination with conventional attitude sensors 97481
Mathius, R. *see* Busta, H. 82806
Mathner, N. *see* Mertens, R. 86201
Mathonnet, J.M. *see* Girard, A. 67262
Mathoorasing, D., Kazmierski, C., Sorel, Y., Kerdiles, J.F. Distance limits of 10 to 20 Gbit/s FSK transmission on standard fibre 86346
Mathur, A., Liu, C.L. Compression-relaxation: a new approach to performance driven placement for regular architectures 91812
Mathur, A. *see* Dubovitsky, S. 63772
Mathur, A. *see* Dubovitsky, S. 72920
Mathur, B.P., Arshak, K.I., Arshak, A., McDonagh, D. DESIM: A simulator for the DESIRE process 81654
Mathur, B.S. *see* Banerjee, P. 87561
Mathur, D.P. *see* Feng, T. 93239
Mathur, M.C.A. *see* Jung, C. 50247
Mathur, M.K. *see* Goel, A.K. 62928
Mathur, M.K. *see* Goel, A.K. 93522
Mathur, P.C. *see* Bhan, R.K. 55668
Mathur, P.C. *see* Bhan, R.K. 62439
Mathur, P.C. *see* Mehra, R.M. 62201
Mathur, P.C. *see* Mehra, R.M. 63335
Mathurin, J.P. *see* Giani, E. 55473
Mathy, F. *see* Cuzin, M. 59241
Mathys, L. *see* Abe, K. 88115
Mathys, L. *see* Antilogus, P. 59064
Mathys, L. *see* Antilogus, P. 59127
Mathys, P. *see* Glineur, J.L. 60548
Mathys, P. *see* Glineur, J.L. 69122
Matias, L. *see* Hey, H.L. 100244
Matic, M. *see* Djuric, Z. 52843
Matic, R.M. Blazed phase liquid crystal beam steering 94570
Matin, E.N. *see* Mityukhlyaev, V.B. 63567
Matioukhin, D.G. *see* Salk, M. 69918
Matiullah, Kudo, K., Yang, X. Calibration of various types of neutron dosimeters in a heavy water moderated and monoenergetic neutron fields—I. Theoretical 88180
Matiullah, Kudo, K., Yang, X. Calibration of various types of neutron dosimeters in a heavy water moderated and monoenergetic neutron fields—II. Experimental 88181
Matiullah *see* Bashir, A. 88172
Matko, V., Donlagic, D., Koprivnikar, J. On the use of quartz crystal capacitive dependence for measurement of 0-1 ml volumes 66198
Matko, V., Donlagic, D., Koprivnikar, J. Measurement of 0-1 ml volumes using the procedure of capacitive-dependent crystals 66773
Matko, V., Donlagic, D., Koprivnikar, J. Measurement of 0-1 ml volumes using the procedure of capacitive dependent crystals 75966
Matkovskaya, L.N. Magnetic arc-quenching units of SF_6 cutouts 78736
Matla, W., Yung, B., Zinsilowski, F., Reimers, H., Ziegler, G. Digital protection of a 380 kV transformer station: concept and implementation 100201
Matloff, G.I. *see* Maccone, C. 66007
Matloubian, M. Analysis of hybrid-mode operation of SOI MOSFETs 93480
Matloubian, M., Jelloian, L.M., Lui, M., Liu, T., Thompson, M.A. Ultra-high breakdown high-performance AlInAs/GaInAs/InP power HEMTs 93504
Matloubian, M., Larson, L., Brown, A., Jelloian, L., Nguyen, L., Lui, M., Liu, T., Brown, J., Thompson, M., Lam, W., Kurdoghlian, A., Rhodes, R., Delaney, M., Pence, J. InP-based HEMTs for the realization of ultra-high efficiency millimeter wave power amplifiers 61935
Matloubian, M. *see* Brown, J.J. 55409
Matloubian, M. *see* Feng, T. 93239
Matloubian, M. *see* Jelloian, L.M. 62861
Matloubian, M. *see* Lam, F. 80752
Matloubian, M. *see* Martin, M.Z. 93330
Matloubian, M. *see* Rosenbaum, S.E. 92615
Matney, K.M. *see* Meshkinpour, M. 93496
Matoba, A. *see* Kashima, Y. 94284
Matoba, H. *see* Fuji, H. 58068
Matoba, M. *see* Nohtomi, A. 88210
Matoba, M. *see* Nohtomi, A. 98608
Matoba, M. *see* Rashid, M.M. 59193
Matoba, M. *see* Rashid, M.M. 88237
Matoba, M. *see* Rashid, M.M. 98674
Matoba, M. *see* Widodo, S. 59139
Matoba, O. *see* Itoh, K. 56377
Matola, M. *see* Eskelinen, P. 67745
Matola, M. *see* Eskelinen, P. 91945
Matola, M. *see* Eskelinen, P. 97358
Maton, P.D. *see* Hewak, D.W. 56726
Maton, P.D. *see* Roba, G.M. 52488
Matos, D. *see* Franceskovic, S. 96123
Matos, J.N. *see* Gameiro, A. 70331
Matos, J.N. *see* Monteiro, P. 58398
Matos, J.S., Ferreira, J.C., Leao, A.C., Silva, J.M. Architecture of test support ICs for mixed-signal testing 49581
Matragi, W., Bisdikian, C., Sohraby, K. Jitter calculus in ATM networks: single node case 64950
Matragi, W., Sohraby, K., Bisdikian, C. Jitter calculus in ATM networks: multiple node case 64951
Matragrano, M.J., Krishnamoorthy, V., Ast, D.G., Shealy, J.R. Characterization and elimination of surface defects in $Ga_xIn_{1-x}P$ grown by organometallic vapor phase epitaxy 79848
Matragrano, M.J. *see* Pitts, B.L. 61321
Matrangolo, C. *see* Santos, J. 58139
Matras, A. *see* Ciesla, A. 50434
Matricciani, E. Prediction of site diversity performance in satellite communications systems affected by rain attenuation: extension of the two layer rain model 65743
Matrosov, I.I. *see* Ippolitov, I.I. 99926
Matrosov, S.Y., Orr, B.W., Kropfli, R.A., Snider, J.B. Retrieval of vertical profiles of cirrus cloud microphysical parameters from Doppler radar and infrared radiometer measurements 99212
Matschke, M. *see* Roth, A. 77716
Matson, R. *see* Galagedera, S.B. 88240
Matson, R. *see* Galagedera, S.B. 98670
Matson, R. *see* Morgado, C.J.S. 88239
Matson, R. *see* Morgado, C.J.S. 98581
Matson, R.J. *see* Al-Jassim, M.M. 81234
Matson, R.J. *see* Al-Jassim, M.M. 100502
Matsopoulos, G., Marshall, S. Feature migration in morphological scale space 84787
Matsopoulos, G.K., Marshall, S. Use of morphological image processing techniques for the measurement of a fetal head from ultrasound images 88453
Matsu-Ura, K. *see* Funaki, T. 89204
Matsu-ura, K. *see* Funaki, T. 99654
Matsuba, S. *see* Kondou, T. 65638
Matsubara, H. *see* Hirae, S. 55768
Matsubara, H. *see* Saegusa, A. 93140
Matsubara, I. *see* Hisatake, K. 63195
Matsubara, I. *see* Hisatake, K. 72076
Matsubara, I. *see* Sekioka, S. 78175
Matsubara, K., Yajima, H. Functional Y-branching waveguide devices 63448
Matsubara, K. *see* Miki, T. 81265
Matsubara, K. *see* Tanaka, S. 49489
Matsubara, K. *see* Tanaka, S. 70666
Matsubara, R. *see* Kanemaru, K. 68272
Matsubara, S. *see* Takemura, K. 82179
Matsubara, S. *see* Yamaguchi, H. 56116
Matsubara, T., Satoh, K., Higuchi, Y., Nagahori, T., Fukushima, K., Itoh, M. An optical parallel interface for B-ISDN switching systems 86021
Matsubara, T., Satoh, K., Higuchi, Y., Nagahori, T., Fukushima, K., Itoh, M. Optical parallel interface for ATM switching systems 94308
Matsubara, T. *see* Minami, K. 55784

Matsubara, Y., Akimoto, T., Iwasaki, H., Ito, S., Ishigami, T., Noguchi, K., Ikawa, E., Okumura, K. A novel global planarization technology using defocused resist patterning with blanket stripe mask (DRESS) 93275
Matsubara, Y., Gao, J. Multi-staged pulse tube refrigerator for superconducting magnet applications 93987
Matsubara, Y., Jones, T.B. Observation of transient charge relaxation of oil within a cylindrical vessel 64079
Matsubara, Y., Sekine, M., Nishio, N., Shinmura, T., Noguchi, K., Horiuchi, T., Yamada, Y., Kitano, T. A novel low resistance salicide technology (SWAN) for quarter-micron CMOS 71801
Matsubara, Y., Sekine, M., Noguchi, K., Okumura, K. Tungsten-covered salicide technology 81581
Matsubara, Y. *see* Miyake, K. 53235
Matsubara, Y. *see* Pazda, R.J. 51025
Matsuda, A. *see* Arita, K. 50138
Matsuda, A. *see* Arita, K. 93659
Matsuda, A. *see* Fujii, E. 61721
Matsuda, A. *see* Fujishima, N. 56086
Matsuda, A. *see* Ganguly, G. 70078
Matsuda, A. *see* Hayashi, S. 92919
Matsuda, A. *see* Osborne, I.S. 91581
Matsuda, A. *see* Tanabe, M. 62423
Matsuda, A. *see* Yoshida, Y. 96684
Matsuda, H., Tanoue, T., Kashima, H., Mozume, T., Nakamura, T. InP/InGaAs heterojunction bipolar transistors with regrown emitters 55929
Matsuda, H. *see* Ishihara, T. 78802
Matsuda, H. *see* Nishimura, S. 75070
Matsuda, J.-i. Direct extraction of SPICE level 3 parameters without using optimization 50100
Matsuda, J.-I. *see* Kasuga, M. 92694
Matsuda, K., Asami, F., Kawai, O. LSIs for highly efficient video coding 55302
Matsuda, K., Baba, T., Tomisaki, K. Physical design of cellular telephones 86086
Matsuda, K., Kawai, O. LSIs for image and video signal processing 49472
Matsuda, K. *see* Barnes, T.H. 56328
Matsuda, K. *see* Chino, T. 94303
Matsuda, K. *see* Fujimoto, M. 56451
Matsuda, K. *see* Kuribayashi, S. 82952
Matsuda, K. *see* Matsui, M. 97632
Matsuda, K. *see* Sakamoto, Y. 55568
Matsuda, K. *see* Sugino, T. 55894
Matsuda, K. *see* Yamashita, T. 53218
Matsuda, K. *see* Yamauchi, M. 58972
Matsuda, K. *see* Yokota, K. 62406
Matsuda, M. *see* Shoji, H. 94504
Matsuda, M. *see* Suzuki, D. 93960
Matsuda, N. *see* Kazami, K. 56247
Matsuda, S., Itoh, N., Nakajima, H., Inou, K., Iinuma, T., Yoshino, C., Tsuboi, Y., Katsumata, Y., Iwai, I., Hara, H. A low-stress trench isolation structure and its electrical characteristics of sub 20 ps high-speed ECL 70423
Matsuda, S., Itoh, N., Yoshino, C., Tsuboi, Y., Katsumata, Y., Iwai, H. Mechanical stress analysis of trench isolation using a two-dimensional simulation 50054
Matsuda, S., Kuboyama, S., Tamura, T., Shimano, Y., Nakajima, M., Uesugi, M., Kanno, T., Ohya, J., Ishii, T., Ohira, H., Kohno, T., Inabe, N., Nakagawa, T., Kase, M., Goto, A., Yano, Y. Single event effect in power MOSFETs and CMOS ICs by high-energy heavy ion 55945
Matsuda, S. *see* Ando, T. 93993
Matsuda, S. *see* Goda, Y. 68279
Matsuda, S. *see* Hacke, P. 100453
Matsuda, S. *see* Hisamatsu, T. 100452
Matsuda, S. *see* Matsukawa, T. 61711
Matsuda, S. *see* Saito, M. 62850
Matsuda, S. *see* Shimizu, K. 98929
Matsuda, S. *see* Uesugi, M. 100765
Matsuda, S. *see* Washio, H. 99102
Matsuda, T., Yanagibashi, K., Maeda, T., Chiba, T., Kido, M., Kawai, T. High-precision techniques of analog input unit for advanced digital protection relay 89378
Matsuda, T., Yanagihashi, K., Maeda, T., Ohgaki, K., Matsunaga, K., Kaneko, S. Development of digital system technology applied to advanced digital relay 89356
Matsuda, T., Yoshida, H., Nara, N., Niu, H., Kishino, S. Chemical composition of Al_2O_3/InP metal-insulator-semiconductor interfaces improved by plasma and ultraviolet oxidation 93074
Matsuda, T., Yoshida, K., Maeda, T., Yokoyama, T., Ito, H. Improvements in operability and maintainability of protection relay by advanced human-interface 89377
Matsuda, T. *see* Asakawa, Y. 75128
Matsuda, T. *see* Deguchi, K. 81738
Matsuda, T. *see* Okazaki, Y. 71791
Matsuda, T. *see* Okuno, S. 98559
Matsuda, T. *see* Saitoh, Y. 59075
Matsuda, T. *see* Saitoh, Y. 88124
Matsuda, T. *see* Saitoh, Y. 98580
Matsuda, T. *see* Satoh, Y. 63125
Matsuda, T. *see* Shibata, S. 98487
Matsuda, T. *see* Suzuki, M. 89357
Matsuda, T. *see* Tanaka, H. 53137
Matsuda, T. *see* Tsunoda, T. 60582
Matsuda, Y. *see* Djennas, F. 91023
Matsuda, Y. *see* Fujita, K. 64721
Matsuda, Y. *see* Futamoto, M. 71971
Matsuda, Y. *see* Inaba, N. 63177
Matsuda, Y. *see* Ishikawa, M. 70946
Matsuda, Y. *see* Kumai, W. 53751
Matsuda, Y. *see* Matsushima, F. 61818
Matsuda, Y. *see* Notani, H. 70329
Matsuda, Y. *see* Saito, H. 65523
Matsuda, Y. *see* Shirahama, H. 60488
Matsuda, Y. *see* Yamanaka, H. 75161
Matsuda, Y. *see* Yamashita, T. 53218
Matsuda Jun-Ichi *see* Jun-Ichi Matsuda
Matsudai, T. *see* Nakagawa, A. 61559
Matsudai, T. *see* Nakagawa, A. 93438
Matsudate, T. *see* Kimura, M. 93386
Matsudo, M., Takishima, K. A raise in solder temperature for flip chip bump contacts 49727
Matsudo, T. *see* Karasawa, Y. 52382
Matsue, H. *see* Watanabe, K. 86052
Matsue, S. *see* Sasaki, H. 78974
Matsue, T. *see* Yamaguchi, T. 99045
Matsueda, H., Kobayashi, T., Hinohara, K. A study of oxide film on the rhodium contact reed switches generated through surface deactivation treatment 55453
Matsueda, N. *see* Yasumoto, K. 72374
Matsufuji, S., Imamura, K. Balanced binary sequences with optimal periodic correlation properties 75175
Matsufusa, J. *see* Eimori, T. 92192
Matsuhara, M. *see* Ise, T. 94935
Matsuhara, M. *see* Maruta, A. 73300
Matsuhara, M. *see* Takakuwa, I. 82631
Matsuhara, M. *see* Urano, H. 57172
Matsuhashi, H., Nishikawa, S. Optimum electrode materials for Ta_2O_5 capacitors for high- and low-temperature processes 55441
Matsuhashi, H., Nishikawa, S. Optimum top electrode materials for tantalum oxide capacitors 81086
Matsuhashi, S. *see* Nakao, N. 52295
Matsuhata, H., Miki, K., Sakamoto, K., Sakamoto, T. Strain and defects in Si/Ge superlattices fabricated on a Si substrate 81315
Matsuhata, H., Sakamoto, K., Kyoya, K., Miki, K., Sakamoto, T. Surfactant effect of Bi and Sb on Si/Ge/Si(001) heteroepitaxy 79831
Matsuhata, H. *see* Sakamoto, K. 61245
Matsuhiro, K. *see* Ohtomo, Y. 50109
Matsuhiro, K. *see* Suto, H. 50108
Matsui, H., Tomita, Y., Irishima, T., Ibaraki, H. An ISDN basic interface videophone 85564
Matsui, H. *see* Mikami, Y. 53000
Matsui, K., Asao, M., Ueda, F., Tsuboi, K., Iwata, K. A technique of parallel-connections of pulsewidth modulated NPC inverters by and using current sharing reactors 100327
Matsui, K., Chiba, J. Security communication in winding tunnels and deep underground streets 90883
Matsui, K., Kikuta, S. Development of integrated management control systems for multivendor environments 52071
Matsui, K., Yamamoto, I., Tsuboi, K., Iwata, K., Muto, S., Watanabe, M., Ueda, F. A reduction method of harmonic currents in power systems generated by switching regulators 67995
Matsui, K. *see* Kawabata, S. 89301
Matsui, K. *see* Tanaka, K. 74292
Matsui, M., Hara, H., Seta, K., Uetani, Y., Lee-Sup Kim, Nagamatsu, T., Shimazawa, T., Mita, S., Otomo, G., Oto, T., Watanabe, Y., Sano, F., Chiba, A., Matsuda, K., Sakurai, T. 200 MHz video compression macrocells using low-swing differential logic 97632
Matsui, M., Nagai, M., Mochizuki, M., Nabae, A. High-frequency link DC-AC converter with suppressed snubber circuits—naturally commutated phase angle control with self turn-off devices 68721
Matsui, M., Suematsu, E., Takenaka, T., Ogawa, H. A one-chip integrated optical/RF transducer using a HEMT optomicrowave mixer and a slot antenna 80800
Matsui, M., Yamagishi, A. On a statistical attack of secret key cryptosystems 51366
Matsui, M. *see* Demura, T. 92280
Matsui, M. *see* Ohta, K. 73757
Matsui, M. *see* Unekawa, Y. 49419
Matsui, M. *see* Unekawa, Y. 70548
Matsui, M. *see* Watanabe, T. 100460
Matsui, M. *see* Yabe, T. 70566
Matsui, N. Autonomous torque ripple compensation of DD motor by torque observer 78560
Matsui, N. Sensorless operation of brushless DC motor drives 90578
Matsui, N. *see* Mikazuki, T. 62003
Matsui, N. *see* Mizutami, K. 68658
Matsui, N. *see* Ohnishi, K. 90490
Matsui, N. *see* Sato, H. 54005
Matsui, S., Ichihashi, T., Ochiai, Y., Baba, M., Watanabe, H., Sato, A. Nanostructure technology developed through electron-beam-induced surface reaction 71546
Matsui, S. *see* Arakawa, F. 70667
Matsui, S. *see* Hara, K. 82557
Matsui, S. *see* Hoshi, T. 75255
Matsui, S. *see* Kumagai, K. 87781
Matsui, S. *see* Usami, K. 93962
Matsui, T. 30 MHz-1000 MHz half-wave dipole antenna calibration system in anechoic chamber 83845
Matsui, T., Furui, S. Comparison of text-independent speaker recognition methods using VQ-distortion and discrete/continuous HMMs 64329
Matsui, T., Furui, S. Comparison of text-independent speaker recognition methods using VQ-distortion and discrete/continuous HMM's 64373
Matsui, T., Furui, S. Concatenated phoneme models for text-variable speaker recognition 84054
Matsui, T., Kiyokawa, M., Kitamura, H., Miyazaki, H., Nakazoe, J., Ohta, H. Precision measurement of hf/2e voltage at 63 K with superconducting weak-links under 100-120 GHz irradiation 97754
Matsui, T. *see* Kamijo, K. 52729
Matsui, T. *see* Kiyokawa, M. 55431
Matsui, T. *see* Miyakawa, Y. 55804
Matsui, T. *see* Sawada, A. 98273
Matsui, T. *see* Sonoi, Y. 67801
Matsui, T. *see* Takusagawa, T. 91550
Matsui, T. *see* Yoshida, S. 71817
Matsui, Y., Kagami, A., Tsukada, S., Chonan, T., Chishiki, S., Yamada, Y., Tanigawa, T., Iwasaki, H., Koga, H., Nishimoto, S., Kuwabara, S., Takeuchi, Y. Development of 64 Mbit DRAM 61702
Matsui, Y. *see* Arahira, S. 63824
Matsui, Y. *see* Fujihara, K. 94488
Matsui, Y. *see* Ishino, M. 97666
Matsui, Y. *see* Iwasaki, S. 96929
Matsui, Y. *see* Katoh, Y. 72924
Matsui, Y. *see* Kito, M. 72849
Matsui, Y. *see* Kondoh, J. 98126
Matsui, Y. *see* Kondoh, J. 98131
Matsui, Y. *see* Mamijoh, T. 63781
Matsui, Y. *see* Marumoto, K. 81603
Matsui, Y. *see* Miki, T. 81265
Matsui, Y. *see* Okuyama, H. 81595
Matsui, Y. *see* Sato, K. 100533
Matsui, Y. *see* Shimano, H. 93284
Matsui, Y. *see* Takahashi, T. 89083
Matsukawa, M., Ninomiya, H., Horiike, H., Ohkawa, Y., Hasegawa, M. A plasma initiator using a multi-winding transformer for large tokamak devices and the application to the poloidal field coil power supply system 90104
Matsukawa, M. *see* Fujishiro, H. 89291
Matsukawa, T., Kishida, A., Koh, M., Hara, K.-I., Horita, K., Goto, M., Matsuda, S., Kuboyama, S., Ohdomari, I. Identification of soft-error sensitive junction in SRAM's using a single ion microprobe 61711
Matsukawa, T. *see* Koh, M. 71682
Matsukawa, T. *see* Koh, M. 91110
Matsukawa, Y. *see* Kawachi, G. 76120
Matsuki, H., Matsuzaki, T., Suzuki, A. Energy transferring system for totally implantable medical devices using amorphous magnetic fibers 67625
Matsuki, H. *see* Asada, N. 55193
Matsuki, H. *see* Asada, N. 61972
Matsuki, H. *see* Seki, K. 52799
Matsuki, H. *see* Yamaguchi, K. 49689
Matsuki, J., Katagi, T., Okada, T. Slot ripples in the damper windings of a salient-pole synchronous generator 60189
Matsuki, J., Katagi, T., Okada, T. Damper windings phenomena of synchronous machines during system oscillations 78586
Matsuki, J., Okada, T., Sakurai, K. Experimental approach to optimal setting of parameters in fuzzy control algorithm for power system stabilization 89155
Matsuki, J., Okada, T., Yamanaka, M. Determination of saturated synchronous reactances of synchronous machines by using air-gap permeance distributions 60180
Matsuki, M. Requirements for color reproduction process of color facsimile and its related image communication systems 52058
Matsuki, M., Mori, S. Asynchronous simultaneous oscillations in negative resistance oscillatory circuit containing periodically operating analog switch 49204
Matsuki, M. *see* Koden, M. 72460
Matsuki, T. *see* Takeuchi, K. 93621
Matsukuma, K., Morita, K., Warabisako, T. Performance simulation for bifacial silicon solar cells 100568
Matsukuma, K. *see* Warabisako, T. 100646
Matsumae, K. Modeling of anisotropic graded-index channel waveguides 72398
Matsumae, Y., Akiba, Y., Hirose, Y., Kurosu, T., Iida, M. Space charge limited current in semiconducting diamond films 55888
Matsumara, K. *see* Tomabechi, Y. 73456
Matsumara, S. *see* Shimizu, Y. 89756
Matsumaru, K., Kondou, H., Tanuma, A. KL642B displacement meter 91000
Matsumaru, Y. *see* Hasegawa, K. 78797
Matsumi, C., Mizushima, T., Iketani, A. A study on detection of blocks for digital VCR 86781
Matsumoto, A. *see* Mori, T. 92207
Matsumoto, A. *see* Wickramanayaka, S. 70133
Matsumoto, F., Okano, Y., Yonenaga, I., Hoshikawa, K., Rudolph, P., Fukuda, T.

Growth of (100) InP single crystals by the liquid encapsulated vertical Bridgman method using a flat-bottom crucible 54816
Matsumoto, F. *see* Ishibashi, Y. 49537
Matsumoto, G., Shimizu, K. Biological effects of ELF electric fields—historical review on bioengineering studies in Japan 98998
Matsumoto, G. *see* Odagiri, H. 99002
Matsumoto, G. *see* Yamashita, M. 99001
Matsumoto, H. Material characterization using a frequency-doubling two-color interferometer 98296
Matsumoto, H., Baba, H., Miura, A., Yamaguchi, S. High power test of a SLED system with dual side-wall coupling irises for linear colliders 67116
Matsumoto, H., Hatano, S., Tanno, K., Zheng Tang, Ishizuka, O. A switched-current algorithmic analog-to-digital converter 92314
Matsumoto, H., Kaya, N., Kinai, S., Fujiwara, T., Kochiyama, J. A feasibility study of Power Supplying Satellite (PSS) 67738
Matsumoto, H., Kitajima, T., Ito, K., Moriyama, H., Shibuya, J., Tsuda, Y., Suzuki, N. Development of major technologies for superconducting generator with quick response excitation 89783
Matsumoto, H., Ogura, H., Nishikawa, T. A miniaturized dielectric monoblock band-pass filter for 800 MHz band cordless telephone system 86195
Matsumoto, H., Oyaizu, I. Encryption board for ITU-T standard audio-visual services 51319
Matsumoto, H. *see* Fujino, Y. 68642
Matsumoto, H. *see* Honda, T. 73064
Matsumoto, H. *see* Honda, T. 94641
Matsumoto, H. *see* Kokaku, Y. 50311
Matsumoto, H. *see* Masuda, Y. 61465
Matsumoto, H. *see* Miura, A. 67160
Matsumoto, H. *see* Okumura, H. 77346
Matsumoto, H. *see* Rashid, M.M. 88237
Matsumoto, H. *see* Rashid, M.M. 98674
Matsumoto, H. *see* Sanada, K. 55192
Matsumoto, H. *see* Takami, H. 54099
Matsumoto, H. *see* Takeuchi, N. 77356
Matsumoto, H. *see* Tokumasu, T. 89793
Matsumoto, H. *see* Yamauchi, O. 86336
Matsumoto, H. *see* Zeng, L. 87503
Matsumoto, I. *see* Enokizono, M. 90656
Matsumoto, I. *see* Sasaki, S. 86159
Matsumoto, J. *see* Nishiguchi, M. 73868
Matsumoto, K. 10-beam laser diode array enables optical connection, speedy transmission 50795
Matsumoto, K. Role of a biased electrode in the first stage of electron cyclotron resonance multicharge ion source 53167
Matsumoto, K., Nishiguchi, H., Yoshida, K., Shiba, T., Omura, E. A semiconductor laser array for fiber-optic interconnections 82847
Matsumoto, K., Shiraishi, N., Takeuchi, Y., Hirukawa, S. Innovative image formation: coherency controlled imaging 71521
Matsumoto, K., Yokoi, T. An estimation method for end-to-end blocking probability and traffic flow based on information on links 65087
Matsumoto, K. *see* Kamikado, T. 82447
Matsumoto, K. *see* Kawamura, Y. 56177
Matsumoto, K. *see* Komai, K. 99582
Matsumoto, K. *see* Kuji, N. 61627
Matsumoto, K. *see* Ohmori, M. 72078
Matsumoto, K. *see* Rokushima, K. 83803
Matsumoto, K. *see* Saegusa, A. 93140
Matsumoto, K. *see* Sawada, K. 60964
Matsumoto, K. *see* Yoshizawa, J. 77954
Matsumoto, M., Hasegawa, A., Kodama, Y. Adiabatic amplification of solitons by means of nonlinear amplifying loop mirrors 73056
Matsumoto, M., Takeuchi, N. Effects of misestimated far-end boundary values on two common lidar inversion solutions 97432
Matsumoto, M. *see* Arai, K. 67766
Matsumoto, M. *see* Komatsu, N. 85434
Matsumoto, M. *see* Minami, Y. 52427
Matsumoto, M. *see* Ogawa, T. 55834
Matsumoto, M. *see* Ohhira, R. 86423
Matsumoto, M. *see* Ozaki, Y. 49037
Matsumoto, M. *see* Takewa, H. 75773
Matsumoto, M. *see* Yamamoto, S. 84923
Matsumoto, N. *see* Fukushima, T. 94484
Matsumoto, N. *see* Horikoshi, Y. 54868
Matsumoto, N. *see* Namegaya, T. 63786
Matsumoto, S., Fukuda, M., Sato, K., Itaya, Y., Yamamoto, M. Highly reliable 1.55 μm GaInAsP laser diodes buried with semi-insulating iron-doped InP 72910
Matsumoto, S., Nakajima, Y. Fundamental technologies for digital TV broadcasting -high efficiency digital TV coding 75706
Matsumoto, S., Ohno, T., Ishii, H., Yoshino, H. A high-performance self-aligned UMOSFET with a vertical trench contact structure 55990
Matsumoto, S. *see* Chichibu, S. 48999
Matsumoto, S. *see* Chichibu, S. 61307
Matsumoto, S. *see* Chichibu, S. 62213
Matsumoto, S. *see* Chichibu, S. 79822
Matsumoto, S. *see* Hamada, T. 64785
Matsumoto, S. *see* Hamada, T. 84841
Matsumoto, S. *see* Hamada, T. 95751
Matsumoto, S. *see* Hirata, K. 87867
Matsumoto, S. *see* Huai-Dong Ding 87297
Matsumoto, S. *see* Itoh, S. 72879
Matsumoto, S. *see* Kawada, R. 51560
Matsumoto, S. *see* Kim, I.J. 55994
Matsumoto, S. *see* Kumada, M. 68748
Matsumoto, S. *see* Ogawa, A. 61228
Matsumoto, S. *see* Sakai, T. 100289
Matsumoto, S. *see* Sakai, Y. 83107
Matsumoto, S. *see* Tohmori, Y. 83113
Matsumoto, S. *see* Yoshida, N. 55743
Matsumoto, T. Multiple-access optical network architecture employing a wavelength-and-network-division technique: MANDALA 75429
Matsumoto, T., Inaba, T., Yoda, Y., Egashira, K., Kato, T., Akitsu, T. p-type doping of ZnSe with a novel nitrogen exciter 71304
Matsumoto, T., Itoh, C., Ishido, Y., Hayashi, K., Suetsugu, K., Kawahara, Y., Kurauchi, S., Fukano, M. ATM oriented multimedia information system 2 96426
Matsumoto, T., Iwashita, T., Sasamoto, K., Kato, T. Atomic layer epitaxy of CdSe/ZnSe short period superlattices 61291
Matsumoto, T., Miyaji, Y., Kiuchi, K., Kato, T. Chloride multi-source epitaxial growth of $CuGaS_2$ and $CuGaSe_2$ 61266
Matsumoto, T., Nagahiro, Y., Nasu, Y., Oki, K., Okabe, M. Crystallization at initial stage of low-temperature polycrystalline silicon growth using ZnS buffer layer with (111) preferred orientation 79855
Matsumoto, T., Nakagawa, S., Yoshimura, H., Nagao, M., Inaguchi, T. MRI superconducting magnets with GM-cycle 4K refrigerator 72250
Matsumoto, T. *see* Aisawa, S. 80527
Matsumoto, T. *see* Balestra, F. 62801
Matsumoto, T. *see* Balestra, F. 62809
Matsumoto, T. *see* Cerecedo, M. 65038
Matsumoto, T. *see* Higashida, M. 52078
Matsumoto, T. *see* Kato, T. 91422
Matsumoto, T. *see* Koyanagi, M. 93393
Matsumoto, T. *see* Koyanagi, M. 93401
Matsumoto, T. *see* Kubota, H. 94283
Matsumoto, T. *see* Mimura, H. 72630
Matsumoto, T. *see* Oasa, T. 49441
Matsumoto, T. *see* Suga, Y. 77652
Matsumoto, T. *see* Yamamoto, S. 84923
Matsumoto, T. *see* Yao, T. 71278
Matsumoto, Y., Kubota, S., Kato, S. A new burst coherent demodulator for microcellular TDMA/TDD systems 80197
Matsumoto, Y. *see* Badics, Z. 80003
Matsumoto, Y. *see* Komaki, Y. 93242
Matsumoto, Y. *see* Miura, R. 75296
Matsumoto, Y. *see* Takine, T. 74684
Matsumoto, Y. *see* Tanaka, M. 86256
Matsumoto, Y. *see* Toyokura, M. 92281
Matsumoto, Y. *see* Wakai, T. 68336
Matsumoto Makoto *see* Makoto Matsumoto
Matsumura, A., Takahashi, T., Kurakado, M. Effect of Al overlayer thickness on the leakage current of radiation detectors using Nb/Al-AlO_x/Nb superconducting tunnel junctions 98720
Matsumura, A. *see* Basak, A. 68652
Matsumura, F., Hatake, K., Fujita, M. Loop-shaping based H^∞ robust control of a horizontal shaft magnetic bearing 89809
Matsumura, F. *see* Fujita, M. 60207
Matsumura, F. *see* Hashimoto, K. 83577
Matsumura, H. *see* Katsuyama, T. 82540
Matsumura, K. *see* Ichihara, T. 59299
Matsumura, K. *see* Karube, H. 72491
Matsumura, K. *see* Tanaka, Y. 65546
Matsumura, M., Nishihara, K., Nakamura, S., Takatsu, T., Akazawa, K., Yoshida, M. Rotational speed detection method of high resolution for small-sized rotary encoder 52781
Matsumura, M. *see* Byung-Chul Ahn 71626
Matsumura, M. *see* Chang-Dong Kim 81885
Matsumura, M. *see* Ichikawa, Y. 78753
Matsumura, M. *see* Nanri, K. 53253
Matsumura, M. *see* Shimizu, K. 62831
Matsumura, M. *see* Yamamuro, M. 52006
Matsumura, N. *see* Ichikawa, S. 61283
Matsumura, S., Ogata, K., Fujii, S., Shioya, H., Nakamura, H. Adaptive control for the steam temperature of thermal power plants 78355
Matsumura, S., Omatu, S., Higasa, H. Torque control of electric vehicle testing system by neuro-PID controller 52758
Matsumura, S. *see* Shiiyama, K. 76146
Matsumura, T., Amano, F., Tomita, Y. Speech signal processing for mobile communications 52257
Matsumura, T. *see* Kato, T. 68175
Matsumura, T. *see* Takase, F. 60195
Matsumura, T. *see* Yue-Jin Tang 68283
Matsumura, Y. *see* Koeninger, V. 93869
Matsumura, Y. *see* Uchida, H.H. 91573
Matsunaga, C. *see* Endo, H. 98134
Matsunaga, H., Ueda, H. Virtual path trace function and its mechanism for ATM transport networks 64917
Matsunaga, K. *see* Inosako, K. 70875
Matsunaga, K. *see* Matsuda, T. 89356
Matsunaga, K. *see* Nagasawa, T. 89354
Matsunaga, K. *see* Yamashita, T. 53218
Matsunaga, M., Katagi, T., Hashimoto, T., Nakahara, S. Switched branch line PIN diode phase shifter 49655
Matsunaga, M., Morimitsu, M., Obata, S., Hosokawa, K., Rikihisa, K., Adachi, K. Current distribution in a positive current collector of a sodium-selenium(IV) molten salt battery 90370
Matsunaga, N., Shibata, H. Accurate, non-time-intensive evaluation of the stress-migration endurance for layered Al interconnects 62522
Matsunaga, R. *see* Shimonaga, H. 75752
Matsunaga, S. *see* Shikano, K. 64393
Matsunaga, T. Emissivity spectra derived from TIMS data acquired over a partially vegetated area 77666
Matsunaga, T. *see* Noda, T. 64177
Matsunaga, T. *see* Okuno, M. 97252
Matsunaga, T. *see* Seshita, T. 96942
Matsunaga, T. *see* Uchida, K. 83621
Matsunaga, T. *see* Uchida, K. 91401
Matsunaga, Y., Tsuchiya, M., Kamiya, T. Enhanced nonlinear response in picosecond optical pulse transmission through a microcavity containing InGaAs/AlGaAs MQW absorbers 94552
Matsunaga, Y. *see* Ohsawa, S. 98093
Matsunaga, Y. *see* Shioyama, Y. 52946
Matsunaga, Y. *see* Tamiya, Y. 93655
Matsunaga, Y. *see* Yamashita, H. 97663
Matsunami, H. *see* Fujii, T. 70124
Matsunami, H. *see* Fujii, T. 100593
Matsunami, H. *see* Itoh, A. 79815
Matsunami, H. *see* Jang, S. 71141
Matsunami, H. *see* Komatsu, Y. 100445
Matsunami, H. *see* Yoshimoto, M. 69964
Matsunami, T. *see* Sakaki, M. 90217
Matsuno, A. *see* Nire, T. 63584
Matsuno, F., Hatayama, M., Senda, H., Ishibe, T., Sakawa, Y. Modeling and robust control of a flexible solar array paddle 90452
Matsuno, G., Yamazaki, D., Ogita, E., Mikuriya, K., Ueda, T. A quartz crystal microbalance-type odor sensor using PVC-blended lipid membrane 98163
Matsuno, T. *see* Shibata, H. 55829
Matsuno, Y. *see* Arimoto, S. 100576
Matsuno, Y. *see* Sasaki, H. 78825
Matsunobu, K. *see* Kako, Y. 50146
Matsunobu, K. *see* Kako, Y. 50147
Matsunobu, Y. *see* Arai, K. 82513
Matsunoshita, J., Akamatsu, S., Yamamoto, S. Architecture of top-down parallel pattern recognition system TOPS and its application to the MR head images 98800
Matsuo, F. *see* Pei-Chen Lo 88512
Matsuo, H., Aoike, N., Kurokawa, F., Hisako, A. A new combined voltage-resonant inverter with high power factor and low distortion factor 100927
Matsuo, H., Iida, K., Koga, T., Harada, K., Kurokawa, F., Imado, K. Analysis of the improved soft-commutated PWM inverter by using an AC current transformer 100312
Matsuo, H., Iida, K., Kurokawa, F., Asano, M., Koga, T., Kishimoto, T. An improved 210 kVA auxiliary power supply system of the electric railway rolling stock by using a new two phase buck-boost type DC-DC converter 100883
Matsuo, H., Iida, K., Kurokawa, F., Harada, K. New soft-commutated PWM inverter with AC current transformer 100332
Matsuo, H., Ohnishi, T., Ikeda, T., Ohno, H., Furuta, K., Inahara, M. Low-lightness conductor of overhead transmission line 68269
Matsuo, H. *see* Birch, J.R. 76149
Matsuo, H. *see* Ishigaki, Y. 71826
Matsuo, H. *see* Suehiro, J. 63096
Matsuo, H. *see* Yamashita, T. 71843
Matsuo, J. *see* Karahashi, K. 55817
Matsuo, K. *see* Ishihara, K. 94865
Matsuo, K. *see* Kuroda, T. 55207
Matsuo, M., Kondo, H., Takata, Y., Kobayashi, S., Satoh, M., Yoshida, T., Saito, Y., Hinata, J.-I. A 32-bit superscalar microprocessor with 64-bit processing and high bandwidth DRAM interface 92259
Matsuo, M. *see* Fujita, K. 61940
Matsuo, M. *see* Matsushima, F. 61818
Matsuo, N. *see* Takano, M. 52118
Matsuo, R. *see* Ohbayashi, S. 92211
Matsuo, S. *see* Horiuchi, T. 62594
Matsuo, S. *see* Horiuchi, T. 93274
Matsuo, S. *see* Ono, T. 91619
Matsuo, S. *see* Tsuchizawa, T. 55813
Matsuo, S. *see* Tsuchizawa, T. 93200
Matsuo, T., Ishikawa, M., Umoto, J. Numerical analysis of bifurcation phenomena in supersonic MHD generator with supersonic diffuser 54156
Matsuo, T., Ishikawa, M., Umoto, J. Analysis of choked flow in MHD generator: bifurcation phenomena in subsonic MHD generator 69018
Matsuo, T., Lipo, T.A. Current sensorless field oriented control of synchronous reluctance motor 60198
Matsuo, T., Lipo, T.A. Rotor design optimization of synchronous reluctance machine 78585
Matsuo, T., Yamashita, K., Endo, M., Hashimoto, K., Koizumi, T., Katsuyama, A., Sasago, M., Nomura, N. New technologies of KrF excimer laser lithography system in 0.25 micron complex circuit patterns 71540
Matsuo, T., Yamashita, K., Endo, M., Sasago, M., Nomura, N., Shirai, M., Tsunooka, M.

Advanced surface modification process for sub-quarter micron pattern fabrication 71356
Matsuo, T. *see* Endo, M. 61717
Matsuo, T. *see* Fujita, I. 86426
Matsuo, T. *see* Okude, Y. 59915
Matsuo, T. *see* Sasago, M. 49933
Matsuo, T. *see* Sotome, H. 86427
Matsuo, T. *see* Tanaka, S. 70666
Matsuoka, F., Ishimaru, I., Gojohbori, H., Koike, H., Unno, Y., Sai, M., Kondo, T., Ichikawa, R., Kakumu, M. High-density full-CMOS SRAM cell technology with a deep sub-micron spacing between nMOS and pMOSFET 92220
Matsuoka, F., Kasai, K., Oyamatsu, H., Kinugawa, M., Maeguchi, K. Drain structure optimization for highly reliable deep sub-micrometer n-channel MOSFET 50006
Matsuoka, F. *see* Chang, P.S.-T. 62852
Matsuoka, F. *see* Ishimaru, K. 71784
Matsuoka, F. *see* Yabe, T. 70566
Matsuoka, F. *see* Yoshimura, H. 63011
Matsuoka, F. *see* Yosomiya, M. 79022
Matsuoka, H., Ichiguchi, T., Yoshimura, T., Takeda, E. Single electron charging effect in coupled quantum dots of a Si-MOSFET 62843
Matsuoka, H. *see* Nakatani, M. 71469
Matsuoka, H. *see* Shimura, T. 92529
Matsuoka, K. *see* Sasago, M. 49933
Matsuoka, K. *see* Sasaki, K. 56639
Matsuoka, M., Hoshino, K., Ono, K. Low-temperature epitaxial growth of $BaTiO_3$ films by radio-frequency-mode electron cyclotron resonance sputtering 79789
Matsuoka, M. *see* Saito, K. 67129
Matsuoka, R., Kondo, K., Naito, K., Ishii, M. Influence of nonsoluble contaminants on withstand voltages of artificially contaminated insulators 53773
Matsuoka, R. *see* Fujii, K. 53780
Matsuoka, R. *see* Yamazaki, T. 78166
Matsuoka, S. *see* Tamaki, N. 65499
Matsuoka, T., Ohki, A., Ohno, T., Kawaguchi, Y. Comparison of GaN- and ZnSe-based materials for light emitters 72635
Matsuoka, T. *see* Fujita, S. 77528
Matsuoka, T. *see* Minami, Y. 51385
Matsuoka, T. *see* Ohno, T. 94499
Matsuoka, T. *see* Takahashi, S. 73885
Matsuoka, Y., Nakajima, H., Kurishima, K., Kobayashi, T., Yoneyama, M., Sano, E. Novel InP/InGaAs double-heterojunction bipolar transistors suitable for high-speed IC's and OEIC's 55928
Matsuoka, Y. *see* Asada, M. 59921
Matsuoka, Y. *see* Kurishima, K. 81816
Matsuoka, Y. *see* Sano, E. 49184
Matsuoka, Y. *see* Sano, E. 63608
Matsuoka, Y. *see* Wada, T. 72390
Matsuoka, Y. *see* Yamahata, S. 93359
Matsuse, K., Hayashida, T., Kubota, H., Yoshida, T. Analysis of inverter-fed high-speed induction motor considering crosspath resistance between adjacent rotor bars 68634
Matsuse, K., Hayashida, T., Miki, I., Kubota, H., Yoshida, T. Effect of crosspath resistance between adjacent rotor bars on performance of inverter-fed high-speed induction motor 68633
Matsuse, K., Hayashida, T., Yoshida, T. Design consideration of inverter-fed high speed induction motor taking into account crosspath resistance between adjacent rotor bars 68602
Matsuse, K., Kubota, H., Huang, L. Performance of PWM-controlled thyristor rectifier operating at unity fundamental power factor in PWM current source GTO inverter system for induction motor drives 69108
Matsuse, K., Takokoro, Y. Deadbeat flux level control of direct field-oriented high horse power induction servo motor using adaptive rotor flux observer 69055
Matsuse, K., Yamamoto, S., Shin-ichi Suzuki Fundamental characteristics of three phase five level PWM inverter 90173
Matsuse, K. *see* Hayasaka, H. 100335
Matsuse, K. *see* Kubota, H. 68607
Matsuse, K. *see* Kubota, H. 90532
Matsuse, K. *see* Lipei Huang 78668
Matsushima, F., Matsuda, Y., Hatta, T., Tsuboi, A., Nasu, H., Matsuo, M., Nishimura, R., Hida, A. Low-voltage, high-speed cell-based IC CB-C8 61818
Matsushima, T., Ishizuka, S. Prediction of remaining battery discharge time in telecommunications power systems 100439
Matsushima, T. *see* Okude, Y. 59915
Matsushima, T. *see* Oura, Y. 68044
Matsushima, T.K. *see* Nakajima, N. 64270
Matsushima, T.K. *see* Tanaka, H. 95152
Matsushima, Y. *see* Sakata, H. 94263
Matsushima, Y. *see* Sakata, H. 94587
Matsushiro, N., Asada, O. Halftone image generation and a coding method based on optimum pixel assignment 84745
Matsushita, A. *see* Kitao, I. 61762
Matsushita, H. An educational CAD system for use in design exercises of digital systems 49357
Matsushita, H., Suzuki, T., Endo, S., Irie, T. Crystal growth of $CuInSe_2$ by the method of horizontal Bridgman with three temperature zones 62212
Matsushita, H. *see* Kitagawa, A. 53159
Matsushita, K., Miyazaki, S., Okuyama, S., Kumagai, Y. Observation of HCl- and HF-treated GaAs surfaces by measuring contact angles of water droplets 81472
Matsushita, K., Omura, I., Nakagawa, A., Ohashi, H. Theoretical investigations on IGBT snubberless, self-clamped drain voltage switching-off operation under a large inductive load 55971
Matsushita, K., Satoh, S., Kitayama, T., Teshima, K., Takeuchi, M. Subcarrier multiplexing fiber-optic transmission technology and its practical applications 86360
Matsushita, K. *see* Kiyayama, T. 86356
Matsushita, K. *see* Nakagawa, Y. 53247
Matsushita, M. Telecommunications management network 96470
Matsushita, M., Miyagishi, O., Yoshida, M. NTT's approach to open telecommunications management. Part-1: fundamental concept 51955
Matsushita, M. *see* Miyagishi, O. 65173
Matsushita, M. *see* Sakiyama, S. 70706
Matsushita, N., Naoe, M. High coercivity of barium ferrite (BaM) films deposited by arc discharge evaporation 50255
Matsushita, N., Noma, K., Nakagawa, S., Naoe, M. Preparation of Co-Zn ferrite films at low substrate temperature by plasma-free dc sputtering for magnetic recording media 63201
Matsushita, N., Noma, K., Nakagawa, S., Naoe, M. Preparation and magnetic properties of BaM films with excellent crystallinity by Xe sputtering 72065
Matsushita, N. *see* Naoe, M. 70127
Matsushita, T., Fukunaga, C., Ikeda, H., Saitoh, Y. Radiation susceptibility of a non-radiation-hard 1.2 μm CMOS transistors 98660
Matsushita, T. *see* Hoshi, M. 55976
Matsushita, T. *see* Kato, I. 91639
Matsushita, T. *see* Mardirossian, G. 59378
Matsushita, T. *see* Saitoh, Y. 88124
Matsushita, T. *see* Saitoh, Y. 98580
Matsushita, T. *see* Sano, A. 50262
Matsutani, N. *see* Inoue, O. 82238
Matsutani, T. *see* Hisamatsu, T. 100452
Matsutani, T. *see* Washio, H. 99102
Matsuura, A. *see* Aoki, K. 62184
Matsuura, H., Nitta, T. A speaker-independent word recognition based on HMM using orthogonalized phonetic segment codebook 84139
Matsuura, H. *see* Fukuda, T. 66502
Matsuura, H. *see* Gault, M. 55852
Matsuura, H. *see* Kamio, H. 95267
Matsuura, H. *see* Kyushima, H. 81159
Matsuura, H. *see* Kyushima, H. 92908
Matsuura, H. *see* Kyushima, H. 98704
Matsuura, H. *see* Mernyei, F. 80604
Matsuura, H. *see* Mernyei, F. 92619
Matsuura, H. *see* Mernyei, F. 92620
Matsuura, H. *see* Seki, T. 63408
Matsuura, H. *see* Takenaka, T. 92574
Matsuura, H. *see* Takenaka, T. 92631
Matsuura, K., Homma, N., Sawada, R., Tsuchimoto, M., Yamaya, K., Honma, T. Observations of suspension and levitation effects of bulk high-T_c superconductors in microgravity experiments 72255
Matsuura, K. *see* Sonoi, Y. 67801
Matsuura, M. Current trends of development on liquid crystal display quality 87363
Matsuura, N. *see* Iwaski, S. 96930
Matsuura, S. *see* Akie, H. 78330
Matsuura, S. *see* Nishida, K. 66069
Matsuura, T., Yano, K., Hiraki, M., Sasaki, Y., Miyamoto, M., Ishii, T., Nagai, R., Nishida, T., Seki, K., Imaizumi, E., Anbo, T., Sumi, N., Rikino, K. 1.2 V mixed analog/digital circuits using 0.3 μm CMOS LSI technology 92423
Matsuura, T. *see* Furuya, A. 55501
Matsuura, T. *see* Furuya, A. 79993
Matsuura, T. *see* Ikeda, K. 100308
Matsuura, T. *see* Shimokawa, F. 94312
Matsuura, Y., Abel, T., Hirsch, J., Harrington, J.A. Small-bore hollow waveguide for delivery of near singlemode IR laser radiation 94132
Matsuura, Y., Shichi, I., Mitsui, Y. Surface roughness formation in Si during Cs^+ ion bombardment 93163
Matsuura, Y. *see* Sakaguchi, T. 62039
Matsuura, Y. *see* Tanaka, K. 81434
Matsuya, Y., Yamada, J. 1V power supply, 384 ks/s 10b A/D and D/A converters with swing-suppression noise shaping 92327
Matsuya, Y., Yamada, J., Mutoh, S., Douseki, T. 0.5 μm low-voltage-supply full-custom LSI design technology 50092
Matsuyama, H., Koike, K., Tomiyama, F., Aoi, H., Shiroishi, Y., Ishikawa, A. High spatial resolution spin-polarized scanning electron microscopy 76160
Matsuyama, H., Koike, K., Tomiyama, F., Shiroishi, Y., Ishikawa, A., Aoi, H. High spatial-resolution domain-observation of longitudinal thin film media by spin-polarized scanning electron microscopy 72099
Matsuyama, H. *see* Honda, Y. 72150
Matsuyama, I., Takeuchi, M. Sound field control technology for large space theatre 75783
Matsuyama, I. *see* Higuchi, S. 70178
Matsuyama, I. *see* Osaka, F. 93191
Matsuyama, K., Ohyama, T., Asada, H., Taniguchi, K. Successive Bloch line write operation in a 1-μM bubble material 63262
Matsuyama, K. *see* Fujiwara, G. 70530
Matsuyama, S., Fujisawa, M., Baba, M., Iwasaki, T., Iwasaki, S., Sakamoto, R., Hirakawa, N., Sugiyama, K. A compact post-acceleration beam chopper for a 4.5 MV Dynamitron pulsed neutron generator 87767
Matsuyama, S. *see* Takeuchi, T. 87446
Matsuyama, T., Baba, T., Takahama, T., Tsuda, S., Nakano, S. Polycrystalline Si thin-film solar cell prepared by solid phase crystallization (SPC) method 100579
Matsuyama, T., Yamamoto, H. Electrification of a single polymer particle by successive impacting onto metal targets 64073
Matsuyama, T., Yamamoto, H. Charge transfer between a polymer particle and a metal plate due to impact 64090
Matsuyama, T. *see* Hayakawa, Y. 79763
Matsuyama, T. *see* Wada, T. 51611
Matsuyama, Y., Iwata, H., Kubota, H., Ikeda, H. Visual inspection system for thin film magnetic heads using optical enhancement and gray scale image processing 69604
Matsuzaka, F. *see* Kanazawa, H. 72695
Matsuzaki, H., Hirohku, T., Miki, N., Nagai, N. Analysis of acoustic characteristics in the vocal tract with inhomogeneous wall impedance using three dimensional FEM model 51426
Matsuzaki, H. *see* Murakami, Y. 97600
Matsuzaki, K. Technology for highly dependable large capacity UPS system 60296
Matsuzaki, K. *see* Shiga, N. 92632
Matsuzaki, K.-I. *see* Nakajima, S. 81990
Matsuzaki, M. *see* Yoshida, M. 50344
Matsuzaki, N. *see* Fukami, A. 71833
Matsuzaki, T. *see* Matsuki, H. 67625
Matsuzaki, T. *see* Nagamine, K. 76398
Matsuzawa, A. Low-voltage and low-power circuit design for mixed analog/digital systems in portable equipment 49576
Matsuzawa, A. Low voltage mixed analog/digital circuit design for portable equipment 70775
Matsuzawa, H., Kobayashi, K., Mochizuki, H., Yoneyama, N., Ohshima, A., Hirano, S., Mori, E., Horigome, G., Ishida, Y., Chino, Y. Experimental corroboration for a ferrite-core model of high-T_c bulk superconductor lenses (Supertrons) 63330
Matsuzawa, H. *see* Miyachi, T. 87176
Matsuzawa, H. *see* Miyachi, T. 87177
Matsuzawa, K. *see* Yokoyama, A. 89375
Matsuzawa, T. *see* Khoury, J. 70704
Matsuzawa, Y. *see* Kuwahara, Y. 73549
Matta, F., Afshari, B., Pendse, R., Karnezos, M. Reliability qualification of a demountable packaging technology 91043
Matta, F. *see* Karnezos, M. 60966
Matta, I., Shankar, A.U. Type-of-service routing in dynamic datagram networks 65391
Matta, P. *see* Sovak, P. 72023
Mattana, G. Quality today. Its present situation and evolution 91102
Mattavelli, P. *see* Malesani, L. 68772
Mattay, S. *see* Vasan, S.V. 92843
Mattei, F. *see* Barcia, E. 52035
Matteini, P. *see* Benelli, G. 65645
Mattern, N. *see* Muller, M. 82258
Matthaei, G. *see* Fenzi, N. 92489
Matthaei, G.L., Hey-Shipton, G.L. Novel staggered resonator array superconducting 2.3-GHz bandpass filter 49623
Matthaei, G.L., Hey-Shipton, G.L. Concerning the use of high-temperature superconductivity in planar microwave filters 72276
Matthaei, G.L. *see* Fenzi, N.O. 80648
Mattheij, R.M.M. *see* Jansen, J.K.M. 61157
Matthes, R.W., Rossi, M., Baglia, D., Vandersall, D. Magnetostrictive position sensors for injection molding machines 66308
Mattheus, A. Multigigabit-per-second data transmission on standard monomode fibers in the 1.3μm optical window 82994
Mattheus, R. *see* Kiuru, A. 67479
Matthew, J.A.D. *see* Ofner, H. 55736
Matthew, R.G.S., Hughes, D.C. Getting at deep learning: a problem-based approach 90822
Matthews, D.L. *see* Da Silva, L.B. 94323
Matthews, D.L. *see* Eder, D.C. 63677
Matthews, D.L. *see* Jacquemot, S. 50742
Matthews, D.N., Muller, K.-H., Andrikidis, C., Liu, H.K., Dou, S.X. The effect of silver on the voltage-current characteristics of silver-sheathed PBSCCO superconducting tapes 82319
Matthews, E.K. Industrial applications of a fiber optic emissivity measuring infrared pyrometer 52915
Matthews, G.D., Griffin, R.D. Scalable design for a real-time optical correlator interfaced to a mesh-based parallel digital computer 75888
Matthews, H.W., Lawson, W., Calame, J.P., Flaherty, M.K.E., Cheng, J., Hogan, B., Latham, P.E., Granatstein, V.L. Experimental studies of a 30 MW two-cavity second harmonic gyroklystron 92890
Matthews, H.W. *see* Calame, J.P. 55512

Matthews, H.W. *see* Calame, J.P. 76376
Matthews, H.W. *see* Flaherty, M.K.E. 81149
Matthews, H.W. *see* Latham, P.E. 62095
Matthews, I.P. *see* Zhu, Z. 58896
Matthews, J. *see* Amidei, D. 98639
Matthews, J. *see* Unno, Y. 98558
Matthews, J.A.J. *see* Ziock, H.J. 76767
Matthews, K.L. *see* Ordonez, C.E. 88434
Matthews, K.L. *see* Ordonez, C.E. 98848
Matthews, K.L. *see* Yasillo, N.J. 98821
Matthews, M.L., McFadden, S.M. Implications of the user's information processing strategy on the design of decision aids for complex systems 97444
Matthews, P.A., Hu, Y.F., Ahmed, K.M. Theoretical analysis of VHF-UHF propagation through air-vegetation-ground media 94815
Matthews, P.J. *see* Nassiri, A. 98388
Matthews, R. *see* van Kann, F.J. 50402
Matthewson, M.J. *see* Colaizzi, J. 82591
Matthewson, M.J. *see* Rondinella, V.V. 72321
Matthewson, M.J. *see* Rondinella, V.V. 94098
Matthewson, M.J. *see* Rondinella, V.V. 94099
Matthias, B. *see* Meyberg, M. 76396
Matthies, A. *see* Fomichev, A.S. 53328
Matthies, L., Grandjean, P. Stochastic performance modeling and evaluation of obstacle detectability with imaging range sensors 98310
Matthiessen, P., Ellis, K.P. Field experience with an on-line gas monitoring device for oil filled instrument transformers 78685
Matthis, A.W., Butler, C.M. Capacitance of circularly symmetric via for microstrip transmission line 70979
Mattia, A.Di *see* Di Mattia, A.
Mattia, F. *see* De Carolis, G. 77218
Mattia, F. *see* De Carolis, G. 88875
Mattia, J.P. *see* Brown, E.R. 61907
Mattiello, C., Ordano, L. Multipoint radio systems: planning tools using terrain databases derived from satellite remote sensing 65563
Mattila, P., Orobitg, J. On some properties of Hausdorff content related to instability 91340
Mattioli, J., Schmitt, M. Learning the identity with basic morphological operators (potato peeler algorithm) 85107
Mattioli, J. *see* Schmitt, M. 84836
Mattischek, H.-P., Sobczak, R. A new cell for measurement of viscosity under high pressure 66782
Mattison, E.M. *see* Walsworth, R.L. 63618
Mattogno, G., Righini, G., Montesperelli, G., Traversa, E. X-ray photoelectron spectroscopy investigation of $MgAl_2O_4$ thin films for humidity sensors 87609
Mattogno, G. *see* Gaggiotti, G. 98162
Mattogno, G. *see* Smyntyna, V.A. 66529
Mattogno, G. *see* Smyntyna, V.A. 66530
Mattsson, R. *see* Paatero, J. 67655
Matty, J.J., Tennent, S.G., Shaw, R.J. National PARC (NPARC) alliance 88620
Matucci, A. *see* Soubeyran, A. 77116
Matuda, N. *see* Saito, Y. 93696
Matui, H. Adaptive reduced-state sequence estimation in magnetic digital recording channels 63243
Matuk, C. *see* Leemans, W. 66863
Matulewicz, W. Computer-aided determination of synchronous machine parameters 89859
Matulionis, A. *see* Aninkevicius, V. 62274
Matumoto, H. *see* Miyahara, H. 87960
Matumoto, Y. *see* Tanaka, M. 86260
Matunaga, Y. *see* Kuromori, K. 98367
Maturi, E.M., Pichel, W.G. Cloud masking for CoastWatch satellite imagery 99268
Matus, L.G. *see* Larkin, D.J. 79840
Matus, L.G. *see* Neudeck, P.G. 55893
Matus, L.G. *see* Neudeck, P.G. 63605
Matus, M. *see* Guarini, M. 53430
Matushkina, E.V. *see* Ikramov, Kh. D. 54767
Matusik, A.S. *see* Rostamkolai, N. 89002
Matusovsky, M. *see* Grumann, E. 63804
Matuszewski, B. *see* Borkowski, J. 75884
Matutinovic-Krstelj, Z., Venkataraman, V., Prinz, E.J., Sturm, J.C., Magee, C.W. A comprehensive study of lateral and vertical current transport in $Si/Si_{1-x}Ge_x/Si$ HBT's 93340
Matveev, A.I. *see* Krasikov, S.A. 78536
Matveev, A.K. *see* Goncharov, I.G. 52934
Matveev, A.T. *see* Kaputskii, F.N. 82399
Matveev, K.A. *see* Glazman, L.I. 56259
Matveev, S.K. *see* Vologin, V.G. 87859
Matveev, V.A. *see* Shmakov, E.M. 75924
Matveev, V.I., Murogov, V.M., Poplavskii, V.M., Subbotin, V.I., Troyanov, M.F., Tsikunov, A.G. Advanced concepts for developing fast reactors with a sodium coolant 99839
Matveev, Y. *see* Kadnikov, A. 67189
Matveev, Yu. *see* Erg, G. 67200
Matveyev, A.Z. *see* Andreyev, N.F. 63694
Matwin, S. *see* Charlebois, D. 77669
Matwin, S. *see* Goodenough, D.G. 88846
Matyi, R.J. *see* Chapek, D.L. 62391
Matyi, R.J. *see* Deshpande, M.R. 62624
Matyi, R.J. *see* Macks, L.D. 81797
Matyi, R.J. *see* Wang, V.S. 49903
Matyushin, A.T. *see* Aksinenko, V.D. 76824
Matyushin, V.T. *see* Aksinenko, V.D. 76824
Matz, G. *see* Albrecht, T. 87333
Matz, W. *see* Einfeld, D. 59217
Matz, W. *see* Einfeld, D. 66834
Matzke, M. *see* Luszik-Bhadra, M. 88177
Matzler, C. Microwave (1-100 GHz) dielectric model of leaves 77724
Matzler, C. *see* Wegmuller, U. 88855
Matzner, R. HDSL design issues—optimization and achievable gains 96880
Matzsuzaki, M. *see* Iwaski, S. 96930
Mau, J. Perfect reconstruction modulated filter banks: fast algorithms and attractive new properties 80473
Mau, P. *see* Kampert, K.-H. 98503
Mau Phon Houng *see* Yeong-Her Wang 93515
Mau Shyu-Ren *see* Shyu-Ren Mau
Mau-Phon Houng *see* Houng-Chi Wei 62690
Mau-Phon Houng *see* Houng-Chi Wei 81817
Maubach, K.-D., Verstege, J. Synthesis of load variation curves for medium term optimisation of power station utilisation 60037
Mauch, R.H. *see* Troppenz, U. 72574
Mauck, K.D. Wideband cyclic MUSIC 84444
Mauckner, G. *see* Baier, T. 94257
Maucksch, T. Measurements on GSM mobiles using Radiocommunication Tester CMD 52386
Maud, J.M. *see* Goldie, D.M. 55578
Maud, J.M. *see* Goldie, D.M. 55676
Maud, J.M. *see* Goldie, D.M. 56430
Maude, D.K., Kuhn, O., Portal, J.C., Henini, M., Eaves, L., Hill, G., Pate, M.A. Electroluminescence and magnetotransport studies of a p-i-n superlattice double-barrier resonant tunnelling structure 62271
Maude, D.K. *see* Gusev, G.M. 62299
Maude, D.K. *see* Hayden, R.K. 55868
Maude, D.K. *see* Martin, P.M. 62671
Mauduit, B.De *see* De Mauduit, B.
Mauduit, N. *see* Sasaki, H. 63359
Mauer, A.C. *see* Rosenquist, W.A. 89572
Mauer, J., Schelasin, R. Using simulation to analyze integrated tool performance in semiconductor manufacturing 90922
Mauer, J. *see* Kunesh, R.F. 62374
Mauer, J.L., Schelasin, R.E.A. The simulation of integrated tool performance in semiconductor manufacturing 71548
Mauger, R. A FITL architecture for flexible business service provision 52212
Maughan, R.L., Powers, W.E., Blosser, H.G. A superconducting cyclotron for neutron radiation therapy 67615
Maule, R., Lehmann, B., Necker, P., Schafer, K.-H. The heating power station HKW 2—the 330/280 MW newly constructed power station of Neckarwerke Elektrizitatsversorgungs-AG as a system unit 53947
Maule, R., Tegethoff, W., Hoffman, T. Possibilities of reduction in quantity of CO_2 in the power station sector 99799
Maule, R.W. Computers and telecommunications for distance education 85495
Maule, R.W. Smart Valley infrastructure [information superhighway] 96737
Maulsby, D.L. *see* Nevill-Manning, C.G. 57626
Maundrell, M. *see* Clark, P.D.J. 96995
Maundrell, M. *see* Honary, B. 97028
Maundrell, M.J. *see* Arthur, P.C. 96987
Maung, S., Banerjee, S., Draheim, D., Henck, S., Butler, S.W. Integration of in situ spectral ellipsometry with MMST machine control 62353
Maung, S., Henck, S., Duncan, W., Mahlum, D., Sheng, C. Software integration of in situ spectroscopic ellipsometry 60912
Maung, S. *see* Butler, S.W. 90939
Maung, S. *see* Henck, S.A. 60910
Maung, T. *see* Allen, L.P. 93559
Maung, T. *see* Jee-Hoon Yap 93080
Maung, W.N. *see* Sobolewski, R. 56253
Maung Win Naing *see* Win Naing Maung
Maurer, C. *see* Markwitz, A. 93073
Maurer, D.E., Oates, K.L., Chrysostomou, A.K. A graph-theoretic metric for distributed data fusion in multi-target tracking 77791
Maurer, J.M. *see* Arney, J.S. 51627
Maurer, P.M. The inversion algorithm for digital simulation 92152
Maurer, S.J., Rosenthal, D.L. Source characterization for power frequency magnetic fields in urban environments 89312
Maurer, W. *see* Biro, O. 82494
Maurer, W. *see* Ferguson, R. 71450
Mauri, D. *see* Tsann Lin 82241
Mauri, F. *see* Benetti, P. 67327
Mauri, F. *see* Benetti, P. 67328
Mauri, F. *see* Cennini, P. 67285
Mauri, F. *see* Cennini, P. 76755
Maurice, E., Monnom, G., Dussardier, B., Saissy, A., Ostrowsky, D.B., Baxter, G. Thermalization effects between upper levels of green fluorescence in Er-doped silica fibers 63422
Maurice, E. *see* Boukenter, A. 82997
Maurice, E. *see* Monnom, G. 94390
Maurice, F. *see* Hepp, B. 58929
Maurice, J.-L., Dixmier, J., Kretz, T., Legagneux, P., Plais, F., Pribat, D. Microstructure and transistor properties of solid-state-crystallised polysilicon: effect of a prolonged 600°C anneal 81870
Maurice, J.-L. *see* Barhdadi, A. 55536
Maurice, J.-L. *see* Barhdadi, A. 81182
Maurice, J.-L. *see* Correia, A. 55742
Maurice, J.-L. *see* Correia, A. 81489
Maurice, J.-L. *see* Patriarche, G. 79833
Maurin, D. *see* Ke Wu 87441
Maurin, G. *see* Arkam, C. 87566
Maurin, T. *see* Bouaziz, S. 70629
Mauro, A.Di *see* Di Mauro, A.
Mauro, E.C.Di *see* Di Mauro, E.C.
Maury, C. *see* Lectard, E. 71940
Mauser, W. *see* Demircan, A. 67902
Mauser, W. *see* Kellndorfer, J. 67888
Mauss, O.C., Feuchtinger, S. A low-complexity digital down-conversion and frequency correction scheme for burst-mode digital radio 75191
Mauss, O.C. *see* Pankert, M. 75212
Maussion, P., Faucher, J., Grandpierre, M. Principle for digital control of a pulse width modulation voltage source inverter under nonlinear loads 68871
Maussnest, D. Experiences with the realization of a radio-broadcast-CIM-process (with special regards on performance data and automated auxiliary data generation) 97558
Mauthe, M. *see* Kleine, U. 53455
Mautz, J.R. *see* Rahhal-Arabi, A. 73218
Mauzy, D.M. *see* Bobo, D.R. 53637
Mauzy, D.M. *see* Bobo, D.R. 59791
Maveddat, P. *see* Kovarik, K.D. 52201
Maves, B. *see* Wang, J.R. 77399
Mavlyanov, Kh.Yu. *see* Golikova, O.A. 93126
Mavlyutov, A.A., Mis'kevich, A.I., Salamakha, B.S. Nuclear pumping of a ^{3}He-Cs metal-vapor mixture 82912
Mavoori, J. *see* Wait, M.A. 62379
Mavretic, A. *see* Hazen, E. 88227
Mavretic, A. *see* Hazen, E. 98699
Mavrichev, M.E. *see* Akulinichev, V.V. 73001
Mavrin, S.V. *see* Larionov, N.P. 83372
Mavrocordatos, C., Richard, J. Rain radar system studies and hardware developments in Europe 77369
Mavrogenes, G. *see* Kang, Y.W. 66996
Mavrogenes, G. *see* White, M. 67007
Mavronicolas, M. *see* Attiya, H. 96172
Mavroyiannis, D. *see* Pollard, J.K. 57934
Mawatari, H., Iga, R., Sugiura, H., Tohmori, Y., Yoshikuni, Y. Modulation-doped GaInAs/GaInAsP strained multiple-quantum-well lasers grown by chemical beam epitaxy 72875
Mawatari, H. *see* Kano, F. 63782
Mawby, P. *see* Gault, M. 55852
Mawby, P. *see* Gault, M. 83058
Mawby, P.A., Hu, Z.-R., Towers, M.S., Evans, M.J., Board, K. Recombination and Joule heating effects in GTO thyristors with spatially varying lifetimes 71619
Mawby, P.A. *see* Hu, Z.R. 81917
Mawby, P.A. *see* Zeng, J. 55949
Mawer, A. *see* Johnson, R. 79391
Mawhinney, D. *see* Bharj, S. 80627
Mawhinney, D. *see* Bharj, S. 92587
Mawhinney, D.D. *see* Askew, R.E. 73380
Mawhinney, D.D. *see* Askew, R.E. 83724
Mawst, L.J., Tu, C., Zmudzinski, C., Botez, D., Martin, R., Mazed, M. Single-frequency antiguided laser array with buried distributed feedback grating 63817
Max, L.B. *see* Cogan, A.I. 80139
Max, L.B. *see* Cogan, A.I. 91911
Max Wong Kon *see* Kon Max Wong
Maxemchuk, N. *see* Brassil, J. 65395
Maxemchuk, N.F. *see* Brassil, J. 52173
Maxie, E. Supplier performance and the environment 79247
Maximov, I. *see* Deppert, K. 62475
Maximov, I. *see* Samuelson, L. 55638
Maximov, M.V. *see* Kirstaedter, N. 83054
Maximychev, A.V. *see* Rambidi, N.G. 55490
Maximychev, A.V. *see* Rambidi, N.G. 62030
Maxwell, B. *see* Torti, R. 75959
Maxwell, B.A., Shafer, S.A. A framework for segmentation using physical models of image formation 84807
Maxwell, G.D., Kashyap, R., Sherlock, G., Collins, J.V., Ainslie, B.J. Demonstration of a semiconductor external cavity laser using a UV written grating in a planar silica waveguide 83108
Maxwell, G.D. *see* Williams, D.L. 63344
Maxwell, K.L. *see* Blain, M.G. 71394
Maxwell, P.C. Quality impacts of non-uniform fault coverage 48720
Maxymuk, J. Science resources on the Internet 75022
May, C.J. *see* Sharma, T.C. 59483
May, G., Solheim, A., Conradi, J. Extended 10 Gb/s fiber transmission distance at 1538 nm using a duobinary receiver 58418
May, G. *see* Han, S.S. 61277
May, G. *see* Han, S.S. 61343
May, G.J. Operational reliability of VRLA batteries for standby service 60414
May, G.S. Manufacturing ICs the neural way 82037
May, G.S. *see* Byungwhan Kim 55781
May, M.J. *see* Regan, S.P. 63565
May, P.W. *see* Rego, C.A. 79913
May, R. *see* Perry, J. 76459
May, R. *see* Tran, T. 52924
May, R.E. *see* Brightwell, P.J. 95816

May, R.G., Sanderson, J.M., Claus, R.O. Combined fiber optic strain sensor and composite cure monitor for smart structure applications 98051
May, R.G. *see* Fang, X. 87218
May, R.G. *see* Gunther, M.F. 94117
May, R.G. *see* Wang, A. 98048
May, R.G. *see* Xiaojun Fang 98075
May, R.S., Hardy, C.R., Singh, A. Nuclear Operator Response Modeling and Analysis Tool 68385
May, R.S., Woolley, J.A., Bhatt, S.C. Handbook for verification and validation of digital upgrades to instrumentation and control systems 99852
May, R.S. *see* Hardy, C.R. 99856
May, T. *see* Liem, C. 93573
May, W.E. *see* Farag, S.F. 53998
May, W.E. *see* Farag, S.F. 68544
May Lan Kei *see* Kei May Lan
May Lau Kei *see* Kei May Lau
Maya, L. Deposition of amorphous hydrogenated silicon carbide films using organosilanes in an argon/hydrogen plasma 54960
Maybeck, P.S., Hanlon, P.D. Performance enhancement of a multiple model adaptive estimator 77180
Maybeck, P.S., Herrera, T.D., Evans, R.J. Tracking of a reflective target using infrared measurements and laser illumination 75554
Maybeck, P.S., Herrera, T.D., Evans, R.J. Target tracking using infrared measurements and laser illumination 77784
Maybeck, P.S. *see* Libby, E.W. 74115
Mayberry, C.S., Wroblewski, B., Schamiloglu, E., Fleddermann, C.B. Suppression of vacuum breakdown using thin-film coatings 81135
Mayer, A. Overvoltage protection for AC traction power supplies and vehicles 60559
Mayer, C. Remote energy meter-reading from hand-held terminals 68319
Mayer, C.-L. Modernisation of Northern line and electric traction of Luxembourg railway 69134
Mayer, C.E., Emerson, D.T., Davis, J.H. Design and implementation of an error-compensating subreflector for the NRAO 12-m radio telescope 58533
Mayer, D., Ulrich, B. Surface discharge protection on the stator winding of rotating electrical machines 78599
Mayer, D.C. *see* Koga, R. 70466
Mayer, G.E. Real-life batteries unveiled: lessons from teardown examinations 68941
Mayer, G.E. Almost everything the designer wants to know about batteries, but doesn't know who to ask 68942
Mayer, H.-P. *see* Loesch, K. 52508
Mayer, H.P. *see* Cebulla, U. 65812
Mayer, H.P. *see* Speier, P. 83173
Mayer, J. *see* Robertson, D. 59702
Mayer, J.R.R. High-resolution of rotary encoder analog quadrature signals 66166
Mayer, J.W. *see* Atzmon, Z. 48946
Mayer, J.W. *see* Hong, S.Q. 49821
Mayer, K.H. *see* Berger, C. 68442
Mayer, L. *see* Prager, B. 99132
Mayer, L.A. *see* Hughes Clarke, J.E. 99142
Mayer, R.A. *see* Natarajan, S. 82870
Mayer, R.A. *see* Sarathy, J. 63467
Mayer-Lindenberg, F. Hardware support for process synchronization 70794
Mayergoyz, D. *see* Burke, E.R. 63228
Mayergoyz, I.D. *see* Burke, E.R. 76164
Mayergoyz, I.D. *see* Gomez, R.D. 63227
Mayergoyz, I.D. *see* Gomez, R.D. 66660
Mayergoyz, I.D. *see* Tai, G.-C. 81754
Mayerhofer, O. *see* Handstein, A. 50199
Mayers, F.R. *see* Baggaley, A. 56904
Mayers, S.D., O'Brien, J.J. A note on wavelets and red signals 57591
Mayes, B.W. *see* Barakat, M. 98712
Mayes, T. *see* Smith, C. 75059
Mayes, T.W. *see* Farahi, F. 50617
Mayfield, G. *see* Choi, D. 92428
Mayhan, J.T., Dion, A.R., Simmons, A.J. A technique for measuring antenna drive port impedance using backscatter data 57232
Mayhew, G.L. A low cost, high speed encryption system and method 57356
Mayhew, G.L. Role of land navigation in a vehicular hazard warning system 65664
Mayhew, G.L., Kivett, J.A., Himes, J.G., Evans, J.A. Application, of radio navigation technology to advanced automatic train control 65951
Mayhew, G.L. *see* Nishinaga, E. 52364
Mayhew, J. *see* Li-Dong Cai 84661
Mayhew, J.E.W. *see* Cornell, S. 84674
Mayinger, F., Wang, Z.G. Experiments on natural convective air cooling of a PCBs array in a closed casing with inclination 79407
Mayles, W.P.M. *see* Ma, C.-M. 88617
Mayo, D.R. *see* Osborne, J.H. 59212
Mayo, J.L., Lopez, H., Garcia, D., Suarez, C., Ojea, G. Different control strategy results of an hydro-power plant using Ada 60122
Mayo, M.Neale *see* Neale Mayo, M.
Mayo, P.I., O'Grady, K. Magnetic characterisation of metal particle pigment dispersions II 50175
Mayo, W.L. Service consequences: Evaluating the role of insurance 79212
Mayor, S.D. *see* Higdon, N.S. 99175
Mayorga, A. *see* Saydam, T. 65528
Mayorga, M. *see* Reihani, K. 74223
Mayorquim, J.-L. *see* Meribout, M. 84881
Mayorquim, J.L. *see* Belloum, A. 70660
Mayoud, M. *see* Arnaudon, L. 66851
Mayoux, C. Activity of plasma on insulating materials. Critical time of interaction and synergistic effects 93759
Mayoux, J.-J. The data bus of the next generation European fighters 59463
Mayr, B.J., Weinrichter, H. Comments on: "Coded modulations for Rayleigh fading channels: an overview" 73628
Mayr, J. Transmitting MUSICAM-coded audio signals in telecommunication networks 83937
Mayrand, M. *see* Lina, J.-M. 57604
Mayrargue, S. Spatial equalization of a radio-mobile channel without beamforming using the constant modulus algorithm (CMA) 86138
Maystre, D., Felbacq, D., Tayeb, G. Localization of electromagnetic fields by randomly rough surfaces and large period gratings 94794
Maythaveekulchai, N. *see* Flory, F. 58989
Mayumi, S. *see* Hamanaka, M. 62525
Mayya, N., Rajan, V.T. Voronoi diagrams of polygons: A framework for shape representation 74598
Mazaher, S., Moller-Pedersen, O. On the use of SDL-92 for the specification of behaviour in OSI network 96458
Mazarakis, M.G., Smith, D.L., Bennett, L.F., Lockner, T.R., Olson, R.E., Poukey, J.W., Boyes, J. The light-ion pulsed power induction accelerator for the Laboratory Microfusion Facility (LMF) 66798
Maze, S., Refregier, P. Optical correlation: influence of the coding of the input image 95978
Maze-Merceur, G. *see* Aregba, D. 58960
Maze-Merceur, G. *see* Lefrancois, S. 87483
Mazed, M. *see* Mawst, L.J. 63817
Mazed, M. *see* Mehdi, I. 61957
Mazed, M. *see* Mehdi, I. 80834
Mazel, D.S. *see* Sirgany, W.N. 95555
Mazelsky, R. *see* Gottlieb, M. 82756
Mazer, E. Development of practical logic for aircraft group recognition in a set of observations 59633
Mazereeuw, J. *see* Cosse, R., Jr. 60231
Mazhukin, V.I., Samarskii, A.A. Mathematical modeling in the technology of laser treatments of materials 73184
Maziar, C. *see* Abramo, A. 81195
Maziar, C.M. *see* Agostinelli, V.M., Jr 62767
Maziar, C.M. *see* Agostinelli, V.M., Jr. 93369
Maziar, C.M. *see* Chandramouli, V. 56551
Maziar, C.M. *see* Chowdhury, A.A. 63490
Maziar, C.M. *see* Shaheed, M.R. 62689
Maziar, C.M. *see* Tasch, A.F. 54344
Maziar, C.M. *see* Wang, X.L. 62644
Mazilu, D. *see* Mihalache, D. 50923
Mazilu, D. *see* Mihalache, D. 72376
Mazilu, D. *see* Mihalache, D. 73438
Mazini, R. *see* Baglin, C. 59083
Mazo, J.E., Frigo, N.F. On a method for calculating the strength of intermodulation distortion and products 57331
Mazo, M. The control of medium sized DC machines. An application to guiding a mobile robot. II 60247
Mazon, R. *see* Balcazar, M. 88171
Mazoyer, Y. *see* Nicollini, G. 85954
Mazuelas, A. *see* Melendez, J. 93040
Mazuka, N. *see* Kaneko, S. 79879
Mazumdar, R. *see* Sanchez, P.-I. 65012
Mazumdar, R.R. *see* Dijkerman, R.W. 74069
Mazumdar, R.R. *see* Dijkerman, R.W. 91234
Mazumdar, S. *see* Wu, S.F. 74687
Mazumdar, T.K. *see* Bo Lee 62042
Mazumdar, T.K. *see* Lee, B. 71036
Mazumdar, T.K. *see* Smith, D.D. 76847
Mazumdar, T.K. *see* Smith, D.D. 76848
Mazumder, M.K., Banerjee, S., Ware, R.E., Mu, C., Kaya, N., Huang, C.C. Characterization of tribocharging properties of powder paint 57050
Mazumder, M.K. *see* Takakuwa, Y. 79965
Mazumder, N., Roy, S.K. Effect of enhanced leakage current on the microwave negative resistance of high efficiency GaAs double drift region IMPATT diode 70908
Mazumder, P. *see* Esbensen, H. 49081
Mazumder, P. *see* Mohan, S. 49236
Mazumder, P. *see* Shahookar, K. 49238
Mazumder, S.R., Waterman, R.C. A novel 6 to 18 GHz 180-degree bit phase shifter configuration having very small amplitude and phase errors 80765
Mazur, E. *see* Wang, J.-K. 73072
Mazur, J., Zagan, W. Multiple reflection effect in dissipative reflector signal lamps light distribution calculations 69143
Mazur, P. *see* Jaffery, T.S. 76656
Mazur, P.O. *see* Glass, H.D. 76685
Mazur, P.O. *see* Wake, M. 87685
Mazur, U. *see* Hipps, K.W. 71581
Mazurczyk, V.J., Zyskind, J.L. Polarization dependent gain in erbium doped-fiber amplifiers 56710
Mazure, C., Fitch, J., Gunderson, C. Facet engineered elevated source/drain by selective Si epitaxy for 0.35 micron MOSFETS 62846
Mazure, C., Gunderson, C., Roman, B. Impact of LDD spacer reduction on MOSFET performance for sub-μm gate/space pitches 62849
Mazure, C. *see* Hayden, J.D. 63040
Mazurek, A. *see* Wawryn, K. 70688
Mazurek, B. *see* Gasperowicz, A. 82132
Mazurkiewicz, A. Modification of stepping motor mathematical model 90033
Mazurov, S.A. *see* Kozlovskii, V.V. 55632
Maz'ya, V., Karlin, V. Semi-analytic time-marching algorithms for semi-linear parabolic equations 69851
Mazza, G. Standards for HV metalclad electrical apparatus 68511
Mazzanti, G. *see* Borghi, C.A. 100774
Mazzanti, G. *see* Borghi, C.A. 100779
Mazzanti, G. *see* Cacciari, M. 61066
Mazzanti, G. *see* Montanari, G.C. 82173
Mazzanti, M. *see* Gingrich, D. 53291
Mazzarella, G. *see* Bucci, O.M. 51214
Mazzei, R. Submicroscopic nuclear track theory and the charge changing process 88152
Mazzeo, A. *see* Conti, M. 59364
Mazzeo, A. *see* Franceschetti, G. 77679
Mazzeo, J.R. Non-invasive fetal electrocardiography 77028
Mazzeo, N. *see* Shahidi, G.G. 71797
Mazzetti, C. *see* Forster, E. O. 63090
Mazzetti, C. *see* Pompili, M. 50152
Mazzetti, P. *see* Carbone, A. 50675
Mazzetti, P. *see* Carbone, A. 50676
Mazzia, F., Trigiante, D. The role of difference equations in numerical analysis 61195
Mazzia, F. *see* Amodio, P. 48854
Mazzinghi, P. *see* Capineri, L. 66185
Mazziotto, G. *see* Krayem-Nevoux, R. 86185
Mazzocca, N. *see* Conti, M. 59364
Mazzocca, N. *see* Franceschetti, G. 77679
Mazzola, G., Zahorka, O. Tempo curves revisited: hierarchies of performance fields 58613
Mazzola, M.S., Saddow, S.E., Neudeck, P.G., Lakdawala, V.K., We, S. Observation of the D-center in 6H-SiC p-n diodes grown by chemical vapor deposition 55875
Mazzola, M.S. *see* Stoudt, D.C. 63552
Mazzoldi, P., Arnold, G.W., Battaglin, G., Bertoncello, R., Gonella, F. Peculiarities and application perspectives of metal-ion implants in glasses 73048
Mazzoleni, S. *see* Boni, A. 49505
Mazzolini, F. *see* Abrami, A. 98715
Mazzone, L. *see* Benetti, P. 67327
Mazzone, L. *see* Benetti, P. 67328
Mazzone, L. *see* Cennini, P. 67285
Mazzoni, M.A. *see* Buontempo, S. 53296
Mazzoni, M.A. *see* Buontempo, S. 98502
Mazzoni, O.S. Transient performance evaluation of nuclear generating station standby diesel generators 99880
Mazzucato, E. *see* Fanti, V. 76788
Mazzullo, T. Trends in design and layout for multichip module laminants 79386
Mbarki, I.E., Metzner, J.J. A multicast protocol for high speed local area networks 75053
M'Baye, A. *see* Giannini, F. 80872
Mboup, M., Bonnet, M., Bershad, N. LMS coupled adaptive prediction and system identification: a statistical model and transient mean analysis 95376
Mea, G.Della *see* Della Mea, G.
Meacham, R.J. *see* Goodenough, J. 61750
Mead, C.A. Scaling of MOS technology to submicrometer feature sizes 63019
Mead, C.A. Scaling of MOS technology to submicrometer feature sizes 71816
Mead, J. *see* Pazmany, A. 88783
Mead, W.C. *see* Brown, S.K. 53271
Meade, R.D., Devenyi, A., Joannopoulos, J.D., Alerhand, O.L., Smith, D.A., Kash, K. Novel applications of photonic band gap materials: low-loss bends and high Q cavities 56291
Meade, S.A., Railton, C.J. Efficient implementation of the spectral domain method including precalculated corner basis functions 80742
Meadows, B. *see* Abe, K. 88115
Meadows, B. *see* Antilogus, P. 59064
Meadows, B. *see* Antilogus, P. 59127
Meadows, C. A model of computation for the NRL Protocol Analyzer 74929
Meadows, C. *see* Kemmerer, R. 57371
Meadows, C. *see* Syverson, P. 51321
Meadows, P.J. *see* Smith, A.M. 77270
Meadows, R.G. *see* Parsons, A.J. 92622
Meadows, S.G. *see* Virdee, B.S. 80644
Meads, P.F., Jr. A compensated dispersion-free long insertion for an FFAG synchrotron 87890
Meads, R.E. *see* Cousins, C.S.G. 59213
Meagher, G., Lu, Y.-F., He, X.-F., Kotlicki, A., Eska, G., Turrell, B.G. Progress in the development of a cryogenic granule detector for dark matter 50416
Meagher, G., Lu, Y.-F., He, X.-F., Tehara, S., Kotlicki, A., Eska, G., Turrell, B.G. Tests of the position sensitivity of an improved PASS detector 88095
Meagher, G. *see* He, X.-F. 56258
Means, D.P. *see* Sanders, T.J. 55093

Means, D.P. *see* Shahsavasi, M.M. 80058
Means, J.M. *see* Lang, J.D. 88663
Means, R.W. *see* Qing, K.P. 64665
Meares, D. *see* Fuchs, H. 96870
Mearig, J. Stencil printing fine pitch applications 81076
Mearig, J. Stencil printing fine pitch applications 92733
Mearini, G. *see* Bekker, T.L. 62064
Mearini, G.T. *see* Krainsky, I.L. 62065
Mears, R.J. *see* O'Brien, D.C. 56447
Mears, R.J. *see* Wilkinson, T.D. 64031
Mears, R.J. *see* Wilkinson, T.D. 72549
Mears, R.J. *see* Yu, T.C.B. 50651
Meary, G.M. *see* Lawler, W. 66465
Meassick, S., Chan, C. Temporal study of the current collected by a Langmuir probe biased to high voltages in the wake behind a conducting body 99189
Meassick, S., Xia, Z., Chan, C., Browning, J. Investigation of the operating modes of gated vacuum field emitter arrays to reduce failure rates 62077
Measures, R.M., Alavie, T., Maaskant, R., Ohn, M., Karr, S., Huang, S., Glennie, D., Wade, C., Guha-Thakarta, A., Tadros, G., Rizkalla, S. Multiplexed Bragg grating laser sensors for civil engineering 52888
Measures, R.M., Huang, S., LeBlanc, M., Ohn, M., Alavie, A.T. Bragg intra-grating sensing. Implications for smart structures 98069
Measures, R.M. *see* Alavie, A.T. 52923
Measures, R.M. *see* Alavie, A.T. 98057
Measures, R.M. *see* Karr, S.E. 52929
Mebel', D.M. *see* Kozitsina, N.I. 100351
Meccarelli, E. *see* Borella, A. 96130
Mecea, V.M. Vibrating piezoelectric sensors 66210
Mechaik, M.M. *see* Budihardjo, A. 94724
Mechi, A., Funabiki, S. Three-phase PWM AC-to-DC converter with a wide control range of DC voltage 68880
Mechin, L. *see* Robbes, D. 66714
Mechin, L. *see* Villegier, J.C. 63318
Mechlih, H. *see* Benjelloun, K. 100166
Mechoso, C.R., Farrara, J.D., Spahr, J.A. Running a climate model in a heterogeneous, distributed computer environment 85712
Meciu, E. *see* Vlaicu, A. 76910
Mecius, V. *see* Valatkevicius, P. 90640
Mecke, H., Fischer, W., Merfert, J. Rapid response electronic power sources for arc welding 69273
Mecker, S. What makes a motor more efficient? 78546
Mecker, S. How premium efficiency motors cut your electric costs 78547
Mecker, S. Efficiency testing of premium efficiency motors 89806
Mecker, S. How loads affect efficiency of motors 100070
Mecocci, A. *see* Barni, M. 73998
Mecocci, A. *see* Bartolini, F. 57799
Mecocci, A. *see* Benelli, G. 74477
Mecozzi, A. Cavity standing-wave and gain compression coefficient in semiconductor lasers 56745
Mecozzi, A. Analytical theory of four-wave mixing in semiconductor amplifiers 63962
Mecozzi, A. *see* D'Ottavi, A. 56849
Mecozzi, A. *see* Matera, F. 75454
Mecozzi, A. *see* Mork, J. 82663
Medbo, J. *see* Adam, W. 88114
Meddahi, M., Bengtsson, J. Study of transverse coupled bunch instabilities by using non-linear Taylor maps for the Advanced Light Source (ALS) 67205
Meddahi, M., Bengtsson, J. Study of possible energy upgrade for the ALS and modeling of the "real lattice" for the diagnosis of lattice problems 87923
Meddaugh, G.E. The RF system of a typical clinical linear accelerator 88544
Meddeb, J., Ambri, M., Pitaval, M., Draidia, N., Dieter, R.J., Scholz, F. TEM characterization of GaAs on Si layers grown by low pressure OMCVD 79940
Meddi, F. *see* Buontempo, S. 53296
Medeiro, F., Fernandez, F.V., Dominguez-Castro, R., Rodriguez-Vazquez, A. A statistical optimization-based approach for automated sizing of analog cells 91840
Medeiro, F., Rodriguez-Macias, R., Fernandez, F.V., Dominguez-Castro, R., Huertas, J.L., Rodriguez-Vazquez, A. Global design of analog cells using statistical optimization techniques 91799
Medeiros Neto, J.A. *see* Hewak, D.W. 56708
Medeiros Neto, J.A. *see* Hewak, D.W. 56726
Medeiros Neto, J.A. *see* Samson, B.N. 83017
Medeiros-Ribeiro, G., de Oliveira, A.G., Soares, D.A.W., Ribeiro, G.M. Transport properties of heavily doped $Al_{0.3}Ga_{0.7}As$ semiconducting alloys 49774
Medelci, N. *see* Bensaoula, A. 60476
Medelci, N. *see* Freundlich, A. 100670
Medelci, N. *see* Vilela, M.F. 60471
Medelius, P.J. *see* Rubinstein, M. 59968
Medema, K.E. *see* Busta, H.H. 92844
Medetov, Zh.M. *see* Golovanov, A.P. 60086
Medhekar, S. *see* Sodha, M.S. 73051
Medhi, D. A unified approach to network survivability for teletraffic networks: models, algorithms and analysis 51879
Medhi, D., van de Liefvoort, A., Reece, C.S. A performance evaluation model for a digital group with multislot traffic streams 52236
Medianu, R., Pascu, M.L., Gutu, I. Coating method for variable reflectivity mirrors to be used in high power CW CO_2 lasers 72555
Mediavilla, A. *see* Garcia, J.L. 81992
Medicherla, T.K.P., Chau, M., Zigmund, R.E., Chan, K. Transmission station reliability evaluation 60392
Medicina, S. *see* Caorsi, S. 51584
Medina, D. *see* Camurati, P. 49445
Medina, F. *see* Masot, F. 80585
Medina, F.A. *see* Moreira, C.G. 77027
Medina, J. *see* del Peral, L. 87992
Medina, J.L., Mendieta, F.J., Ku, W.H. Analysis of shielding effects on the microstrip effective dielectric constant by the finite-element method 57179
Medina, M. *see* Jordan, F. 83982
Medina, R. *see* Falter, J. 67443
Medina, V. *see* Hassainia, F. 77026
Medini, D., Ben-Yaakov, S. A current-controlled variable-inductor for high frequency resonant power circuits 61523
Medini, D. *see* Gulko, M. 68805
Medinnis, M. *see* Harr, R. 88209
Medioni, G. *see* Chia-Wei Liao 74596
Medioni, G. *see* Yang Chen 84793
Meditch, J.S. *see* Shacham, N. 65135
Meditch, J.S. *see* Tridandapani, S. 65396
Meditch, J.S. *see* Zhixing Ren 64967
Medlen, N.J., Wilson, P.D., Stockton, D.J. Optical fibre development for new systems 52510
Medley, J.C. *see* Ridler, N.M. 53007
Medley, J.C. *see* Ridler, N.M. 86855
Medley, M., Saulnier, G., Das, P. Applications of the wavelet transform in spread spectrum communications systems 58298
Medlin, D.L., Friedmann, T.A., Mirkarimi, P.B., Rez, P., Mills, M.J., McCarty, K.F. Microstructure of cubic boron nitride thin films grown by ion-assisted pulsed laser deposition 70126
Medlin, D.L. *see* McCarty, K.F. 91431
Medora, N. *see* Kusko, A. 69130
Medouri, A. *see* Gallego, A. 64465
Medova, E. Flow models for network design and routeing 51872
Medova, E.A. Network flow algorithms for routing in networks with wavelength division multiplexing 65082
Medved, S.A. *see* Kozelov, A.V. 87860
Medved, S.A. *see* Kozelov, A.V. 88253
Medved-Rogina, B. Analysis of fiber optic and electrical LAN technology for shipboard applications 96724
Medvedev, A.A. *see* Barmenkov, Yu.O. 52884
Medvedev, A.V. *see* Ginevskii, S.P. 58808
Medvedev, A.V. *see* Ginevskii, S.P. 58814
Medvedev, M.I. *see* Nikulin, A.D. 82326
Medvedev, M.N. Detectors of neutral particles (Review) 76777
Medvedev, Yu.V. Thermodynamic stability of GaAs sulfur passivation 62497
Medvedko, A. *see* Jach, C. 68677
Medvedkov, O.I. *see* Parygin, V.N. 82755
Medvid', A., Blums, Yu. Position-sensitive photodetector with rectifying voltage-current characteristics 66321
Medvid, A., Kaupuz, J. Heat-flux sensor 66180
Medynski, S.A. *see* Nikitin, P.I. 63500
Mee, C.A. *see* Duguid, T.P. 99572
Mee Kang Sun *see* Sun Mee Kang
Mee Koy Chin, Chu, D.Y., Seng-Tiong Ho Approximate solution of the whispering gallery modes and estimation of the spontaneous emission coupling factor for microdisk lasers 72726
Meehan, D.H. *see* Ward, B.D. 65905
Meehan, K. *see* Tihanyi, P.L. 72914
Meehye Lee *see* Junseok Lim 67948
Meek, C.E. *see* Namboothiri, S.P. 88774
Meek, D.S., Walton, D.J. Alignment of planar curves 51699
Meeker, R.G. The VISION program: an opportunity for a partnership in education 54386
Meemong Lee *see* Lewicki, S. 75695
Meempat, G. *see* Suri, S. 64928
Meen Jung Hyun *see* Hyun Meen Jung
Meer, A.F.G.van der *see* van der Meer, A.F.G.
Meer, P., Rae-Hong Park, Cho, K. Multiresolution adaptive image smoothing 51666
Meer, P. *see* Lenz, R. 84595
Meer, P. *see* Lenz, R. 95889
Meera, B.M. Advances in library networking technology for resource sharing activities from LAN to WAN 96762
Meerbergen, J.Van *see* Van Meerbergen, J.
Meerholz, K., Volodin, B.L., Sandalphon, Kippelen, B., Peyghambarian, N. A photorefractive polymer with high optical gain and diffraction efficiency near 100% 94040
Meerkamm, H. Design for X—a core area of design methodology 60905
Meerkov, S.M. *see* BenMohamed, L. 65516
Meerkov, S.M. *see* Elta, M. 62443
Meerovich, V., Sokolovsky, V., Shter, G.E., Grader, G.S. S-N transition of high-T_c superconducting ring caused by induced current 63331
Meers, B.J. *see* Morrison, E. 83400
Meese, J.M. *see* Chao, C.H. 61388
Meese, J.M. *see* Chih-Hsiang Lin 56432
Meese, J.M. *see* Chih-Hsiang Lin 72432
Meese, J.M. *see* Chih-Hsiang Lin 82704
Meese, J.M. *see* Hajsaid, M. 62660
Meese, J.M. *see* Khan, A.H. 79967
Meesen, G., Uyttenhove, J., Poffijn, A., Van Laere, K., Buysse, J. Passive detector for measurement of the implanted ^{210}Po activity in glass 88185
Meesen, G., Uyttenhove, J., Poffijn, A., Van Laere, K., Buysse, J. Passive detector for measurement of the implanted ^{210}Po activity in glass 98577
Meester, J.P. *see* Lee, J.S. 86369
Meester, J.P. *see* Poole, C.D. 82555
Meeyoung Yoon *see* Jae Heon Shin 76227
Megahed, A.B. *see* Abdel-Salam, M.S. 64112
Megahed, F.M. *see* El-Sayed, N.I. 87578
Megahed, I.Y. *see* Zaky, A.A. 82171
Megargle, R. *see* Wilkes, R. 66125
Megdanis, A.C. *see* Burghartz, J.N. 71611
Megier, J. *see* Bertolo, F. 67923
Megier, J. *see* Folving, S. 67913
Megier, J. *see* Kanellopoulos, I. 77305
Meglio, D. *see* Sabella, R. 82719
Megnet, R. *see* Schwanke, J. 74383
Megret, P., Jaunart, E., Froidure, J.-C., Crahay, P., Lamquin, M., Blondel, M. Theoretical and experimental study of bit-error-rate in optical systems 86407
Megret, P. *see* Jaunart, E. 82566
Megret, P. *see* Jaunart, E. 82996
Megret, P.M. *see* Jaunart, E. 50468
Megtert, S. *see* Lemonnier, M. 98511
Meguro, H. *see* Yamaguchi, Y. 70498
Meguro, S. *see* Ikeda, S. 92194
Meguro, S. *see* Mizomata, Y. 93915
Meguro, T. *see* Ishii, M. 71329
Meguro, T. *see* Iwai, S. 69965
Meguro, T. *see* Odagawa, H. 56184
Meguro, T. *see* Sato, M. 97895
Meguro, T. *see* Yamanouchi, K. 63118
Meguro, T. *see* Yamanouchi, K. 71901
Meguro, T. *see* Yamanouchi, K. 93836
Meguro, T. *see* Yamanouchi, K. 93840
Mehaffey, L., III, Seiple, W., Holopigian, K. Comparison of P100 and P300 cortical potentials in spatial frequency discrimination 67542
Mehalic, M.A. *see* Banton, D.W. 59634
Mehalic, M.A. *see* Brothers, C.P., Jr. 80212
Mehalic, M.A. *see* Wailes, T.S. 55179
Meharry, M. *see* Burfield, G. 66440
Mehdi, I., Mazed, M., Dengler, R., Pease, A., Natzic, M., Siegel, P.H. Planar GaAs Schottky diodes integrated with quartz substrate circuitry for waveguide subharmonic mixers at 215 GHz 80834
Mehdi, I., Siegel, P., Mazed, M. Fabrication and characterization of planar integrated Schottky devices for very high frequency mixers 61957
Mehdi, I. *see* Raisanen, A.V. 80706
Mehdi, I. *see* Trong-Huang Lee 55391
Mehdian, M., Vaezi-Nejad, S.M., Shams, I. Optical tactile sensor for robots 76008
Mehlan, R. *see* Nandi, A.K. 95482
Mehlenbacher, B. The rhetorical nature of academic research funding 79191
Mehlenbacher, B., Hardin, B. Virtual resources for technical communicators: two studies of writing and reading on the Internet 96696
Mehlhaff, J. *see* Jurichich, S. 81878
Mehmet Uras, H. *see* Kleinke, D.K. 58740
Mehmet-Ali, M.K. *see* Xing Chen 57952
Mehnert, A. *see* Schmitt, N.P. 82989
Mehra, A. *see* Dolter, J. 65401
Mehra, R. *see* Parsad, R.S. 75410
Mehra, R.K. Utilizing neural networks for surface mount equipment operations 81024
Mehra, R.M., Ganjoo, A., Mathur, P.C. Electrical and optical properties of amorphous $(Se_{0.7}Te_{0.3})_{100-x}In_x$ system 62201
Mehra, R.M., Kaur, G., Pundir, A., Mathur, P.C. Study of Se-Te-Sb system for application to reversible optical data storage 63335
Mehra, V. An overview of some common operations research techniques to reduce cycle time in surface mount production 81033
Mehra, V. Reducing cycle times for surface mount production processes 92731
Mehrdad, M. A unique approach to energy savings through power quality—an introduction to ElectroFlow 59710
Mehregany, M. *see* Bang, C.A. 62929
Mehregany, M. *see* Deng, K. 60271
Mehregany, M. *see* Qingyuan Meng 62909
Mehregany, M. *see* Tong, L. 54975
Mehren, T. *see* Beier, T. 53305
Mehren, T. *see* Grafstrom, P. 76786
Mehrer, H. *see* Lerch, W. 69226
Mehrez, G. *see* Train, K. 68047
Mehrl, D.J. *see* Storrs, M. 98085
Mehrotra, K. *see* Maini, H. 95155
Mehrotra, M., Baliga, B.J. Comparison of high voltage rectifier structures 55880

Mehrotra, M., Baliga, B.J. Low forward drop JBS rectifiers fabricated using submicron technology 81780
Mehrotra, M., Baliga, B.J. The trench MOS barrier Schottky (TMBS) rectifier 93315
Mehrotra, R. *see* Chaudhury, K. 51691
Mehrotra, R. *see* Chaudhury, K. 95746
Mehrotra, R. *see* Namuduri, K.R. 64743
Mehrotra, R. *see* Shiming Zhan 95947
Mehrotra, S., Franzon, P., Liu, W. Stochastic optimization approach to transistor sizing for CMOS VLSI circuits 93630
Mehrotra, S. *see* Barbara, D. 96557
Mehrotra, S. *see* Franzon, P. 54531
Mehrotra, S. *see* Franzon, P. 91030
Mehrotra, S. *see* Lee, D.J. 70524
Mehrotra, S. *see* Simovich, S. 55081
Mehta, A., Kennedy, J., Johnson, K., Cano, F., Anderson, D., Chong, D., Hamilton, G., Brady, D., Murtuza, M., Hundt, P., Hong, N., Valente, F., Rusu, S., Kaul, S., Gannon, T. Super-SPARC multichip module 54509
Mehta, D.P. Estimating the storage requirements of the rectangular and L-shaped corner stitching data structures 49062
Mehta, G.P. *see* Gill, A.N. 61013
Mehta, H. Recent development: EPRI's Custom Power concept 68171
Mehta, H. *see* Gribnikov, Z. 55942
Mehta, H. *see* Kaprielian, S.R. 77867
Mehta, H. *see* Le Tang 89229
Mehta, H. *see* Quinn, C.A. 59707
Mehta, H. *see* Sudha, S.A. 89949
Mehta, K.S. *see* Chawla, M.P.S. 100834
Mehta, P. *see* Clark, G. 100793
Mehta, P. *see* Wu, Y. 70966
Mehta, S.K., Titlebaum, E.L. Performance comparison of matched filter receiver and twin processor for abutted waveforms 75637
Mehta, S.M. *see* Lobad, A.I. 63696
Mehta, S.M. *see* Lobad, A.I. 72968
Mehuys, D., Geels, R.S., Plano, W.E., Welch, D.F. 1.5 W visible, near-diffraction-limited, tapered-stripe optical amplifier 63812
Mehuys, D., O'Brien, S., Lang, R.J., Hardy, A., Welch, D.F. 5W, diffraction-limited, tapered-stripe unstable resonator semiconductor laser 94527
Mehuys, D. *see* Goldberg, L. 72888
Mehuys, D. *see* Goldberg, L. 72908
Mehuys, D. *see* Goldberg, L. 83161
Mehuys, D. *see* Goldberg, L. 94281
Mehuys, D. *see* Lang, R.J. 63795
Mehuys, D. *see* Mar, A. 83160
Mehuys, D. *see* Osinski, J.S. 94509
Mehuys, D.G., Major, J.S., Jr., Plano, W.B., Welch, D.F. 620 mW near-diffraction-limited, 1.8 μm tapered laser 72796
Mei, B.Z. *see* Scheinbeim, J.I. 56111
Mei, D.H. *see* Kim, Y.-W. 79788
Mei, K.K., Pous, R., Zhuoqing Chen, Yao-Wu Liu, Prouty, M.D. Measured equation of invariance: a new concept in field computations 50997
Mei, K.K. *see* Prouty, M.D. 94914
Mei, K.K. *see* Wei Hong 83596
Mei, P., Boyce, J.B., Hack, M., Lujan, R., Ready, S.E., Fork, D.K., Johnson, R.I., Anderson, G.B. Grain growth in laser dehydrogenated and crystallized polycrystalline silicon for thin film transistors 81912
Mei, P.C., Fujikura, K., Fawano, T., Malhi, S. A high performance 30 V extended drain RESURF CMOS device for VLSI intelligent power applications 70293
Mei, Q., Zurn, S., Polla, D.L. Process characterization and analysis of scaled vacuum microelectronic devices 62070
Mei Chang *see* Chang Mei
Mei Huang *see* Huang Mei
Mei Wen *see* Wen Mei
Mei Yong A new LPC interpolation technique for CELP coders 51405
Mei Zhang Xi *see* Zhang Xi Mei
Mei-Juan Shi *see* Wen Junding 55376
Mei-Shong Kuo *see* Janne-Wha Wu 69958
Mei-Yun Lee *see* Lee Mei-Yun
Mei-yun Yeh *see* Wei-Tou Ni 86822
Meibner, J. *see* Henschel, H. 59071
Meibody-Tabar, F. *see* Tounzi, A. 89852
Meichenin, D., Auzel, F., Hubert, S., Simoni, E., Louis, M., Gesland, J.Y. New room temperature CW laser at 2.82 μm: $U^{3+}/LiYF_4$ 72786
Meichenin, D. *see* Auzel, F. 73034
Meiendres, G. *see* Auerbach, F.J. 58721
Meier, A. *see* le Boudec, J.-Y. 74952
Meier, B.J. *see* Tallsa, S.H. 80639
Meier, C., Blum, W. Photovoltaic energy statistics 1993 78512
Meier, H., Russer, P. Analysis of leaky surface acoustic wave reflections 93834
Meier, J., Fluckiger, R., Keppner, H., Shah, A. Complete microcrystalline p-i-n solar cell—crystalline or amorphous cell behavior? 90380
Meier, J. *see* Fluckiger, R. 100530
Meier, J. *see* Keppner, H. 100572
Meier, J.E., Heinlein, W.E. Low-uncertainty measurement method and result of the nonlinear-refraction coefficient n_2 of single-mode fibres 82612
Meier, K., Kuster, N. Does mobile radio equipment comply with the safety limiting values? Dosimetric measurement for the mobile radio 65616
Meier, K. *see* Appuhn, R.D. 98542
Meier, M. *see* Karg, S. 56571
Meier, M. *see* Riess, W. 72626
Meier, R.E. *see* Jia, L.X. 94006
Meier, R.E. *see* Lin, X.J. 98479
Meier, T., Kostrzewa, C., Petermann, K., Schuppert, B. Integrated optical E-field probes with segmented modulator electrodes 82695
Meier, T. *see* Hohl, W. 83954
Meier, U., Greving, G. Reflector shaping and coma correction for millimetric-wave radar antennas 58480
Meier, U., Greving, G., Muller, H. Planar array antennas with substrate-integrated feed for communication systems in the millimetric-wave band 57281
Meier, W.R. Osiris and SOMBRERO inertial fusion power plant designs—summary, conclusions, and recommendations 89426
Meier, W.R. *see* Schoenung, S.M. 78839
Meier-Hellsrern, K.S. *see* Pollini, G.P. 85763
Meier-Hellstern, K.S., Pollini, G.P., Goodman, D.J. Network protocols for the cellular packet switch 51845
Meier-Hellstern, K.S. *see* Wirth, P.E. 58220
Meierer, M., Bursik, A., Muller, K. Investigation and optimization of operating conditions of regenerative heat exchangers in flue gas desulphurization plants 89560
Meifang Zhang *see* Zhang Meifang
Meigs, A.D., Saleh, B.E.A. Spatial and temporal fidelity of photorefractive image correlators 83302
Meigs, M.J. *see* Jones, C.M. 76294
Meij, R. Distribution of trace species in power plant streams: a European perspective 78425
Meijer, E.W. *see* Holland, E.R. 71652
Meijer, G.C.M. Concepts and focus point for intelligent sensor systems 58718
Meijer, G.C.M., Kerkvliet, H.M.M., Toth, F.N. Non-invasive detection of micro-organisms using smart temperature sensors 58864
Meijer, G.C.M. *see* de Jong, G.W. 58692
Meijer, G.C.M. *see* Kuenen, J.C. 98265
Meijer, G.C.M. *see* Li, X.J. 97920
Meijer, G.C.M. *see* van der Goes, F.M.L. 97963
Meijer, H.G. Sobolev orthogonal polynomials with a small number of real zeros 61146
Meijer, J. *see* Stephan, A. 56279
Meijs, N.P.van der *see* van der Meijs, N.P.
Meijvogel, K. *see* van Sonsbeek, R. 88094
Meil, G. *see* Glenn, S. 49501
Meilleur, R., Coquelin, A., Monnot, M., Brillouet, F., Grard, E. High power 1.48 μm laser pump module using efficient and low feedback microlenses 50804
Meillier, J.-L. *see* Laroche, J. 51470
Meilun Shao *see* Bohn, R.G. 100512
Meinander, M. *see* Makisara, K. 77580
Meindl, J.D. *see* De, V.K. 93442
Meindl, P. *see* Eichler, H.J. 72759
Meinel, C. *see* Bern, J. 49100
Meinel, C. *see* Gergov, J. 80288
Meinelt, A. *see* Forster, A. 93679
Meiners, U. *see* Stenzel, R. 55854
Meinertzhagen, A., Henry, V., Petit, C., El Hdiy, A., Jourdain, M. On the relaxation of field induced oxide charge in metal-oxide-semiconductor capacitors 55665
Meinertzhagen, A. *see* Elrharbi, S. 62327
Meinertzhagen, A. *see* Elrharbi, S. 81371
Meinerzhagen, B. *see* Stecher, M. 49052
Meinhardt, M.B. *see* Kowalczyk, T.C. 82629
Meinig, C., Milburn, H., Newman, R., Chadwick, W. Acoustic extensometer: a precise low-cost array for horizontal deformation monitoring on the sea floor 99131
Meinke, R., Nexsen, W., Tsyganov, E., Zinchenko, A. Limitations of a residual gas ionization beam profile monitor for the SSC collider 76603
Meinke, R. *see* Cai, Y. 66902
Meinke, R. *see* Tsyganov, E. 76609
Meinke, R. *see* Tsyganov, E. 87857
Meinkohn, J. *see* Strick, L. 96511
Meir, Y. *see* Wingreen, N.S. 55610
Meirans, L. *see* Drotning, W. 81044
Meirav, U. *see* Madjar, A. 80851
Meirelles, M.P., Dupont, C.J. Stochastic arc modelling 90230
Meirhaeghe, R.L.van *see* van Meirhaeghe, R.L.
Meis-Haugen, G. *see* DePuydt, J.M. 63839
Meischner, P. *see* Kienle, C. 77403
Meischner, P. *see* Smirnov, M.T. 77376
Meischner, P. *see* Tishchenko, J.G. 77512
Meischner, P. *see* Vivekanandan, J. 59552
Meischner, P.F. *see* Chandrasekar, V. 99204
Meise, J. *see* Thoie, M. 80078
Meisel, H., Gonschorek, K.H. Testing of immunity of unshielded data lines from strong interfering pulses 86034
Meisel, W. *see* Kajcsos, Zs. 88051
Meisenheimer, T.L. *see* Winokur, P.S. 71776
Meisingset, A. Telecommunications languages and methods 85484
Meisner, I. *see* Bhat, C.M. 66961
Meisner, K. RF synchronous transfer into specific buckets between Fermilab Main Ring and Tevatron accelerators 76619
Meisner, K., Jackson, G. Main Ring bunch length monitor 76620
Meisner, K. *see* Scala, R.G. 76618
Meiss, M., Reuter, R. Extension of a 123 kV SF_6 switchgear plant of the first generation by switchgear of a new different type 60383
Meissner, D. *see* Gunster, S. 60473
Meissner, D. *see* Thiele, J.-U. 81205
Meissner, E. *see* Bauer, J.G. 72605
Meissner, J. *see* Baraldi, L. 50540
Meissner, J. *see* Burger, J. 98570
Meissner, P. *see* Hilbk, U. 52498
Meister, C. *see* Trefonas, P. 81671
Meister, D. Human reliability database and future systems 54608
Meister, J.-J. *see* Rajaonah, J.-C. 95510
Meister, T.F., Stengl, R., Meul, H.W., Weyl, R., Packan, P., Felder, A., Klose, H., Schreiter, R., Popp, J., Rein, H.M., Treitinger, L. Sub-20 ps silicon bipolar technology using selective epitaxial growth 62964
Meitzler, C.R. *see* Xiu, L. 76419
Meitzler, R.C., Andreou, A.G. On the simulation of analog VLSI systems operating in the subthreshold and transition regions 56068
Meitzler, T. *see* Gerhart, G.R. 64616
Meixner, H. *see* Fleischer, M. 58871
Meixner, H. *see* Fleischer, M. 58941
Meixner, H. *see* Gerblinger, J. 66551
Meixner, H. *see* Lampe, U. 58873
Meixner, H. *see* Reti, F. 58874
Meixner, H. *see* Reti, F. 66558
Meixner, H. *see* Varhegyi, E.B. 66557
Meixner, R.P. Program calculates cascaded system parameters 86589
Meiyi Wang *see* Wang Meiyi
Meizel, D. *see* Rombaut, M. 100919
Mejia, P. *see* Simonetti, D.S.L. 90152
Mekada, N. *see* Yahara, T. 76040
Mekawi, A.M. *see* Zahwi, S.Z. 75851
Mekdhanasarn, B., Chen, A.S., Lo, R.H.Y. Evaluation of low temperature snap-cure die attach materials 54537
Mekhanikov, A.I. *see* Amosov, A.F. 99952
Mekhiche, M., Waeckerle, T., Cornut, B. Influence of low Al content on anomalous growth in 3% Si-Fe magnetic sheets 63136
Mekhiche, M. *see* Waeckerle, T. 63142
Mekhta, P., Daravish, M., Zabolotnyi, A.P. A new approach to improvement of electromagnetic compatibility in semiconductor rectifier installations 80125
Mekkaoui, A. *see* Dierickx, B. 67378
Mekonnen, G.G. *see* Kappe, F. 63616
Melamed, A.D. *see* Leizerovich, A.Sh. 53933
Melamed, A.M., Skripko, O.A. Application of the principles of expert systems for the prediction of power consumption 99614
Melamed, B., Hill, J.R. Applications of the TES modeling methodology 74678
Melamed, B., Raychaudhuri, D., Sengupta, B., Zdepski, J. TES-based video source modeling for performance evaluation of integrated networks 96749
Melamed, T. *see* Heyman, E. 57221
Melamed-Cohen, E. *see* Goren, A. 70654
Melamud, E.A. Design concepts for rural telephone networks in Russia 85575
Meland, E. *see* Schlafer, J. 72650
Melard, G., Klein, A. On a fast algorithm for the exact information matrix of a Gaussian ARMA time series 74210
Melard, G. *see* Klein, A. 51277
Melard, G. *see* Klein, A.A.B. 91219
Melas, M. *see* Shafiee, H. 50349
Melbye, H.E. *see* Baas, J.B. 50326
Mel'chenko, S.V., Panchenko, A.N., Tarasenko, V.F., Evtushenko, G.S. Investigation of SRS conversion of XeCl laser emission in lead vapor, methane, and hydrogen 63638
Melcher, C.L. LSO/photodiode and LSO avalanche photodiode detectors 59115
Melcher, C.L. *see* Dorenbos, P. 98635
Melcher, J. Systematic errors of long thin coaxial cables for the connection of four-terminal-pair devices 86864
Melcher, J., Schumacher, B. Quadrature bridge for the comparison of quantum Hall resistors with capacitors 86821
Melcher, J. *see* Hanke, R. 86950
Melchioni, E. *see* Dobrowolny, M. 88635
Melchior, H. *see* Besse, P.A. 72416
Melchior, H. *see* Blaser, M. 58423
Melchior, H. *see* Brenner, T. 71352
Melchior, H. *see* Brenner, T. 82620
Melchior, H. *see* Kyburz, R. 52815
Melchior, H. *see* Kyburz, R. 97949
Melchior, I. *see* Bachmann, M. 63472
Melchor, I. *see* Gamiz, F. 55996
Melcon, A.Alvarez *see* Alvarez Melcon, A.
Meldrum, D.T., Haddrell, T. GPS in autonomous underwater vehicles 97495
Mele, A. *see* Teghil, R. 48920
Mele, T.C. *see* Ajuria, S.A. 93185
Melebaev, D. *see* Zhilyaev, Yu.V. 49815
Meledin, G.F. *see* Alekseev, A.P. 55008
Melega, W. *see* Lin, K.P. 98828

Melehy, M.A. Thermodynamic theory of conduction in p-n homojunction and heterojunction structures. Part I: Interactions of dynamic processes in the presence of photons 71160
Melekh, B.T. *see* Hollmann, E.K. 80750
Melen, R. *see* D'Ambrosio, M. 51780
Melen, R. *see* D'Ambrosio, M. 75092
Melen, R. *see* Di Concetto, M. 65539
Melen, R. *see* Girardi, G. 51950
Melendes, M. *see* Khare, R. 93194
Melendes, M.A. *see* Brown, J.J. 55409
Melendez, J., Armelles, G., Mazuelas, A., Ruiz, A., Bacquet, G., Hassen, F. Band offset transitivity in the AlGaAs/GaP/InP system 93040
Melendez, J. *see* de Frutos, J. 66570
Melendez, J.L., Helms, C.R. Wet chemical cleaning and surface analysis of ZnSe 71354
Melendez, J.L., Helms, C.R., Tregilgas, J., Elkind, J. Cation impurity interactions in $Hg_{1-x}Cd_xTe$ 92956
Melendez, O. *see* Dhere, N.G. 100656
Meleshko, A.V. *see* Belostotsky, A.L. 63957
Melfi, S.H. *see* Palm, S.P. 88767
Melfi, S.H. *see* Wang, J.R. 77407
Melgard, T.E., Lachapelle, G., Gehue, H. GPS signal availability in an urban area—receiver performance analysis 65734
Melgard, T.E. *see* Lachapelle, G. 65726
Melhem, R. *see* Chunming Qiao 52487
Melhem, R. *see* Chunming Qiao 75447
Melhem, R.G. *see* Chunming Qiao 97350
Melhem, R.P. *see* Chiarulli, D.M. 52549
Melhorn, C.J., Hofmann, P., Samotyj, M. Characterization of power quality problems associated with large commercial customers served from large underground distribution network systems 68213
Melhorn, C.J. *see* Le Tang 68872
Meli, F. *see* Roba, G.M. 50760
Meli, F. *see* Roba, G.M. 52488
Meli, F. *see* Zuttel, A. 90349
Melia, J. *see* Moreno, J.F. 59598
Melia, J.F. *see* Brewer, J.E. 49459
Melia, J.F. *see* Brewer, J.E. 80347
Meliga, M. *see* Campi, D. 81298
Melikhov, S.V. *see* Titov, A.A. 49186
Melin, G., Bourg, F., Briand, P., Delaunay, M., Gaudart, G., Girard, A., Hitz, D., Klein, J.P., Ludwig, P., Nguyen, T.K., Pontonnier, M., Su, Y. Status of development of ECR ion sources at Grenoble 53148
Melin, G., Bourg, F., Briand, P., Delaunay, M., Girard, A., Hitz, D., Ludwig, P., Nguyen, T.K., Pontonnier, M. Electron cyclotron resonance sources of multiply charged ions. Latest developments at Grenoble 76747
Melin, G. *see* Ciavola, G. 53149
Melin, G. *see* Girard, A. 67262
Melin, G. *see* Seyfert, P. 94014
Melioli, E. *see* Alvazzi Delfrate, M. 63049
Meliopoulos, A.P.S., Cheng, C.S., Feng Xia Performance evaluation of static security analysis methods 89005
Meliopoulos, A.P.S., Fan Zhang, Zelingher, S. Power system harmonic state estimation 77868
Meliopoulos, A.P.S. *see* McCall, S. 89098
Melis, J. Master-slave half-bridge inverter 60352
Melis, J. A power controlled current source, circuit and analysis 68833
Melis, J. An output unit for low frequency square wave electronic ballasts 90132
Melissano, E. *see* Nichelatti, E. 72981
Melisse, A. *see* Bouma, W. 96862
Melito, M. *see* Musumeci, S. 61531
Melito, M. *see* Palara, S. 60591
Melkebeek, J. *see* Philips, D. 63158
Meller, A.S. *see* Kel'zon, A.S. 100068
Meller, R.E. *see* Dunnam, C.R. 67368
Melliar-Smith, P.M. *see* Moser, L.E. 65397
Melliar-Smith, P.M. *see* Valerio, M. 96392
Mellichamp, D. *see* Sturtevant, J. 81704
Mellichamp, D.A. *see* Soper, R.A. 62600
Mellinger, D.K. Handling time variability in bioacoustic transient detection 88830
Mellinger, D.K., Clark, C.W. A method for filtering bioacoustic transients by spectrogram image convolution 88829
Mellinger, E. Power system for new MBARI ROV 100880
Mellis, G. Measurement errors in HV systems 99781
Mellis, J., Rabone, N.H., Redstall, R.M., Shaw, R. Performance and reliability requirements for passive components in local optical networks 86524
Mellish, R. *see* Barry, N.P. 94409
Mellissinos, T.G. *see* Kerth, D.A. 97874
Mello, B. de A. *see* Cescato, L. 64014
Mello, C.R.B.de *see* de Mello, C.R.B.
Mello, F.P.de *see* de Mello, F.P.
Mello, J.C.O., Pereira, M.V.F., Leite da Silva, A.M. Evaluation of reliability worth in composite systems based on pseudo-sequential Monte Carlo simulation 88995
Mello, L.A.R.da Silva *see* da Silva Mello, L.A.R.
Mello, M.S.C.de *see* de Mello, M.S.C.
Melloch, M. *see* Keh-Ching Huang 93307
Melloch, M.R., Otsuka, N., Harmon, E.S., Nolte, D.D., Woodall, J.M., McInturff, D.T. Physics and applications of metallic arsenic clusters in GaAs based layer structures 62163
Melloch, M.R. *see* Brubaker, R.M. 73073
Melloch, M.R. *see* Eugster, C.C. 62245
Melloch, M.R. *see* Kwolek, K.M. 73168
Melloch, M.R. *see* Lin, C.L. 93505
Melloch, M.R. *see* Lovejoy, M.L. 81223
Melloch, M.R. *see* Lush, G.B. 100735
Melloch, M.R. *see* Patkar, M.P. 90445
Melloch, M.R. *see* Rahman, A. 51241
Melloch, M.R. *see* Sheppard, S.T. 71661
Melloch, M.R. *see* Shui, R.J. 93215
Melloch, M.R. *see* Wang, Y. 81999
Melloch, M.R. *see* Xie, W. 61712
Mellor, B.A., Varga, A.P. Noise masking in a transform domain 73852
Mellor, P.H. *see* Baholo, B. 68517
Mellor, P.H. *see* Leigh, S.P. 66085
Mellors, W. *see* Schwarz, H.D. 67134
Mellouk, A., Gallinari, P. A discriminative neural prediction system for speech recognition 73816
Melngaillis, J. *see* Hans, L. 81722
Melngaillis, J. *see* Loschner, H. 62601
Melnick, B.M., Scott, J.F., Paz de Araujo, C.A., McMillan, L.D. Thickness dependence of d.c. leakage current in lead zirconate-titanate (PZT) memories 63098
Melnick, B.M. *see* Scott, J.F. 93699
Melnick, B.M. *see* Scott, J.F. 93730
Melnick, W. *see* Harshbarger, J.H. 77164
Melnik, D.G. *see* Kalinin, S.V. 94354
Mel'nik, V.S. Minimization of superposition functionals 79708
Mel'nik, V.S. *see* Gerzanich, E.I. 64191
Melnikov, A.A. *see* Burchard, B. 82837
Mel'nikov, G.V. *see* Azarkevich, E.I. 55506
Melnikov, L.A. Nonlinear dynamics of additive-pulse mode-locked solid-state lasers: numerical simulations 94421
Melnikov, L.A. *see* Akchurin, G.G. 94420
Mel'nikov, M.B. *see* Il'inskii, A.V. 92986
Melnikov, N.A. *see* Vitushkin, L.F. 66098
Mel'nikov, P.I. *see* Knyazev, B.A. 63682
Mel'nikov, V.I., Burgasov, V.S., Labutin, S.A., Duntsev, A.V. Wave flow of a liquid film for cooling elements in nuclear reactors 89481
Melnikov, V.I., Nigmatulin, B.I. The newest two-phase flow control devices in LWR equipment based on ultrasonic and WAT-technology 89517
Melnikov, V.M., Pankrat'eva, G.S. Radar cross-sections of precipitations obtained for systems with frequency deviation 67813
Melnikova, Y. *see* Gribnikov, Z. 55942
Melnychuk, S. *see* Gammel, G. 53193
Melnychuk, S. *see* Gammel, G. 76735
Melo, L.V. *see* Freitas, P.P. 71977
Melo, L.V. *see* Freitas, P.P. 75948
Melo, O.De *see* De Melo, O.
Melody, B. The potential for positive tab corrosion in high voltage aluminum electrolytic capacitors caused by electrolytic decomposition products 90343
Melon, C., Leveque, P., Monediere, T., Reineix, A., Jecko, F. Frequency dependent finite-difference-time-domain [(FD)^{2}TD] formulation applied to ferrite material 72067
Melon, C. *see* Reineix, A. 57237
Melpignano, P. *see* Jark, W. 98714
Melqiao Cheng *see* Yuliang Liu 50707
Melrose, E. *see* Serrano, A. 96301
Melteig, O. *see* Helvik, B.E. 52230
Melton, C. Effect of solder reflow process variables on the solder wettability of lead free solder alloys 54489
Melton, C. Alternatives of lead bearing solder alloys 55481
Melton, C. Reflow soldering evaluation of lead free solder alloys 90961
Melton, J.G., Burns, M.J., Honaberger, D.J. Pulsed taut-wire measurement of the magnetic alignment of the ITS induction cells 76714
Melton, R.B., Jr. *see* Chrysanthou, C. 75477
Meltz, G., Morey, W.W., Glenn, W.H., Fritz, D.J. UV-induced Bragg gratings in optical fibers and thin-film waveguides 63397
Meltz, G. *see* Morey, W.W. 56330
Melus, J.L. *see* Cruselles, E. 75710
Melus, J.L. *see* Forne, J. 75002
Melus-Moreno, J.L. *see* Garcia-Haro, J. 85886
Melville, G. Getting IT correct [emissions control systems] 68415
Melzak, J.M. *see* Bang, C.A. 62929
Melzer, W. Automated pH-measurement based on on-line compensation of the sensor slope 66303
Memberg, W.D., Peckham, P.H., Keith, M.W. A surgically-implanted intramuscular electrode for an implantable neuromuscular stimulation system 88554
Memin, E., Heitz, F., Charot, F. Efficient parallel multigrid relaxation algorithms for Markov random field-based low-level vision applications 74599
Memmert, U. *see* Feltz, A. 71361
Memon, N.D., Sayood, K., Magliveras, S.S. Simple method for enhancing the performance of lossy plus lossless image compression schemes 51717
Memon, N.D., Sayood, K., Magliveras, S.S. Lossless compression of multispectral image data 77696
Men Lou *see* Lou Men
Mena, M.G. *see* Pantaleon, R.O. 91025
Menaert, B. *see* Boulanger, B. 56890
Menard, D. *see* Le Meur, J.P. 96921
Menchetti, A., Sasdelli, R. A non-invasive method for network impedance measurement at harmonic frequencies 78238
Menchetti, A. *see* Mirri, D. 98188
Menchetti, A. *see* Mirri, D. 98243
Menchetti, A. *see* Sasdelli, R. 77892
Menchikov, A. *see* Bahr, J. 88245
Mende, M. *see* Salz, W. 56208
Mendel, J.M. *see* Dogan, M.C. 73957
Mendel, J.M. *see* Dogan, M.C. 95610
Mendel, J.M. *see* Wang, L.-X. 51284
Mendel, J.M. *see* Wen Wei 91328
Mendelevich, V.A., Palitsyn, D.B. On the formation of digital systems for the automation of power installations 99811
Mendelevich, V.A., Palitsyn, D.B. Automated control systems for power units and installations 99813
Mendelevich, V.A., Palitsyn, D.B. Automation systems for power equipment in stations 99928
Mendelsberg, J.I., Perry, P.A. Combined-cycle optimization considerations 89693
Mendelsohn, S.L. *see* Paulson, C.C. 76314
Mendelzon, A.O. *see* Consens, M.P. 96461
Mendenhall, M. *see* Johnson, J.B. 58859
Mendez, A., Morse, T.F., Reinhart, L.J. Measurement of the internal strain in concrete elements using embedded fiber sensors 49040
Mendez, A.J., Lambert, J.L., Morookian, J.-M., Gagliardi, R.M. Synthesis and demonstration of high speed, bandwidth efficient optical code division multiple access (CDMA) tested at 1 Gb/s throughput 86481
Mendez, B. *see* Castaldini, A. 81218
Mendez, F. VHDL and cyclic corrector codes 95143
Mendez, F. *see* Ali, M.A. 82991
Mendez, M. *see* Ehrenborg, R. 69727
Mendez, R. *see* Carnero, A. 89639
Mendieta, F.J. *see* Medina, J.L. 57179
Mendis, F.V.Chrys *see* Chrys Mendis, F.V.
Mendis, S., Kemeny, S.E., Fossum, E.R. CMOS active pixel image sensor 52950
Mendis, S.K., Kemeny, S.E., Fossum, E.R. A 128×128 CMOS active pixel image sensor for highly integrated imaging systems 98096
Mendis, S.K., Kemeny, S.E., Gee, R.C., Pain, B., Kim, Q., Fossum, E.R. Progress in CMOS active pixel image sensors 66459
Mendis, S.K. *see* Pain, B. 66418
Mendis, S.R., Bishop, M.T. Utility and industrial interface concerns with in-plant generation and harmonic loads 68038
Mendis, S.R. *see* Witte, J.F. 67994
Mendis, S.R. *see* Witte, J.F. 77883
Mendkovich, A. *see* Kuzminsky, M. 65295
Mendler, R.A. *see* Tiltges, D.L. 69261
Mendlovic, D., Ozaktas, H.M., Lohmann, A.W. Graded-index fibers, Wigner-distribution functions, and the fractional Fourier transform 84898
Mendonca, C.A.C., Chiu, T.H., Williams, M.D., Storz, F.G. Impurity removal by chemical beam etching of GaAs 93154
Mendoza, R.A.C. *see* Baers, L.B. 87973
Mendoza Santoyo, F. *see* Oswin, J.R. 59611
Mendoza-Torres, J.E. The interferometric pattern of a simple radiointerferometer for a circular source 86632
Mendozzi, V. *see* Furetta, C. 72580
Menear, S. A pragmatic approach to AIN service deployment 96845
Menegat, A. *see* Farkas, Z.D. 66824
Menegat, A. *see* Hantista, C. 66823
Menegat, A. *see* Hoag, H.A. 66816
Menegat, A. *see* Ruth, R.D. 66791
Menegat, A. *see* Vlieks, A.E. 67011
Meneghini, R. *see* Li, F. 77360
Meneghini, R. *see* Wang, J.R. 77399
Meneguzzo, A. *see* Carugno, G. 67326
Meneguzzo, A. *see* Gasparini, F. 53303
Meneley, D.A., Olmstead, R.A., Yu, A.M., Dastur, A.R., Yu, S.K.W. Heavy water moderated reactors advances and challenges 89534
Menendez, M.L. *see* Papaioannou, T. 64253
Meneses, E.A. *see* Neves, B.R.A. 49798
Meneses, J. *see* de Frutos, J. 66570
Meneses, J. *see* Moreno, F. 91739
Menetrier, M. *see* Delmas, C. 90358
Menez, G. *see* Auguin, M. 70611
Menez, J. *see* Scotton, P. 95795
Menezes, B.L. Reliability of augmented tree networks under pin-out constraints 69650
Menezes, B.R. *see* Castanheira, R.C. 100304
Menezes, B.R. *see* Castanheira, R.C. 100306
Menezes, B.R. *see* Rossi, R.D.F. 100276
Menezes, D.de *see* de Menezes, D.
Menezes, M.O.de *see* de Menezes, M.O.
Menezes, N., Pullela, S., Dartu, F., Pillage, L.T. RC interconnect synthesis—a moment fitting approach 91830
Menezes, N. *see* Brawhear, R.B. 49317
Menezes, N. *see* Dartu, F. 93594
Menezes, S. *see* Kessler, J. 100654
Meng, C. *see* Shu, J. 92523

Meng, H.M., Seneff, S., Zue, V.W. The use of higher level linguistic knowledge for spelling-to-pronunciation generation 95347
Meng, J.C.S. Physics, electrochemistry, and engineering optimization analysis for sea water MHD propulsion 94759
Meng, T., Yamauchi, H. Strategies for digital picture compression and coding 74516
Meng, T. *see* Engels, M. 75754
Meng, T.H.-Y. *see* Black, P.J. 70613
Meng, T.H.-Y. *see* Black, P.J. 71813
Meng, T.H.-Y. *see* Douglas, S.C. 64483
Meng, T.H.-Y. *see* Douglas, S.C. 64484
Meng, T.H.-Y. *see* Gatherer, A. 81730
Meng, T.H.-Y. *see* Hung, A.C. 57885
Meng, T.H.Y. *see* Chaddha, N. 57409
Meng, T.H.Y. *see* Chaddha, N. 95951
Meng, T.H.Y. *see* Portmann, C.L. 80254
Meng, W., Sampson, W.B., Suenaga, M. Magnetic flux shielding for the precision muon g-2 storage ring superconducting inflector 76700
Meng, W., Tanaka, M. Three dimensional field analysis for the AGS combined function magnets 76701
Meng, W. *see* Danby, G.T. 76857
Meng, W. *see* Danby, G.T. 87675
Meng, X., Sloot, J., Damstra, G. Experimental evaluation of fuse lifetimes for the pulsed current 80964
Meng, X.C. *see* Bai, J.Z. 53324
Meng, X.L. *see* Tang, Y.Q. 83440
Meng, Y. *see* He, Z. 59225
Meng Chuanfu *see* Li Guangyou 89892
Meng Fandin *see* Chen Wenbo 85931
Meng Hao *see* Xie Zhimei 89813
Meng Hao *see* Xie Zhimei 89814
Meng Hwang Liu *see* Yeong-Her Wang 93515
Meng Li-Jian *see* Li-Jian Meng
Meng Lou *see* Lou Meng
Meng Ninghai *see* Wang Weijian 78548
Meng Qingyuan *see* Qingyuan Meng
Meng Wenbin *see* Feng Yushui 87978
Meng Xiande *see* Qin Ling 58450
Meng Xiande *see* Qin Ling 75635
Meng XianDe *see* Qin Ling 97411
Meng Zhicong *see* Zhicong Meng
Meng Zhiguo *see* Jiao Lihong 63569
Meng Zhiguo *see* Xiong Shaozhen 71675
Meng-Chyi Wu, En-Hsing Chen Investigation of Er-doped 1.55 μm InGaAsP single-heterostructure light-emitting diodes 50693
Meng-Chyi Wu *see* Chyuan-Wei Chen 71119
Meng-Chyi Wu *see* Jyh-Feng Lin 72624
Meng-Chyi Wu *see* Jyh-Feng Lin 94292
Meng-Hsiung Kiang *see* Georges, J.B. 50864
Meng-Jang Lin *see* Yih-Feng Chyan 55897
Meng-Lieh Sheu, Chung Len Lee Simplifying sequential circuit test generation 70439
Meng-Lin Yu, Ackland, B.D. VLSI timing simulation with selective dynamic regionization 91821
Meng-Yueh Chang, Rong-Shyang Ou, Ying-Yu Tzou DSP-based fuzzy control of bilateral IGBT PWM DC-to-AC and DC-to-DC converters for battery energy storage system 100046
Mengali, U. *see* D'Andrea, A.N. 51368
Mengali, U. *see* D'Andrea, A.N. 51526
Mengali, U. *see* D'Andrea, A.N. 51736
Mengali, U. *see* D'Andrea, A.N. 73686
Mengali, U. *see* D'Andrea, N.A. 52266
Menge, P.R., Gilgenbach, R.M., Lau, Y.Y., Walter, M., Ching, C.H. Experimental reduction of electron beam breakup instability using external coupled cavities 87700
Menge, P.R. *see* Gilgenbach, R.M. 76640
Mengers, P. High resolution, near real-time X-ray video imaging without image intensification 59242
Menges, B. *see* Hickel, W. 63431
Menges, J. *see* Jeffay, K. 96835
Mengjun Hui *see* Changxi Yang 63989
Mengjun Hui *see* Yong Zhu 50959
Mengucci, P. *see* Luches, A. 62502
Mengucci, P. *see* Mihailescu, I.N. 93189
Mengyou Hu *see* Hu Mengyou
Menhart, S. *see* Haiyin Sun 63808
Menhart, S. *see* Haiyin Sun 83078
Menhart, S. *see* Sun, H. 50892
Menicatti, A. *see* Seyfert, P. 94014
Menichelli, M. *see* Brunetti, M.T. 87957
Menichetti, E., Zhengang, Z. A CAMAC module for arbitrary test waveform generation 59196
Menichetti, E. *see* Maggi, S. 59066
Menicocci, R. Intrinsic weakness of variable-memory keystream generators 57387
Menin, O.A. *see* Reygenson, A. 93345
Menis, R. *see* Buja, G.S. 90519
Menjo, A. *see* Morimura, Y. 78865
Menjo, A. *see* Tsuruzawa, K. 78866
Menju, S. *see* Hasegawa, Y. 68897
Menju, S. *see* Masaki, K. 68916
Menju, S. *see* Oyama, M. 68912
Menkhoff, A. *see* Winterer, M. 70626
Menn, M.D., Bernstein, H. Ephemeris observability issues in the Global Positioning System (GPS) autonomous navigation (AUTONAV) 65989
Menn, W. *see* Hof, M. 67310
Menna, L.De *see* De Menna, L.
Menna, P., Parretta, A., Pellegrino, M., Quercia, L., Addonizio, M.L. Study of the selenium incorporation in sputtered Cu, In alloys 91546
Menna, R.J., Capewell, D.R., Martinelli, R.U., Ayers, W., Moulton, R., Palmer, J., Olsen, G. Epitaxial growth of $InP_{0.88}Sb_{0.12}$ using a stibine generator 69949
Menna, R.J. *see* Riris, H. 94705
Mennecke, B.E. *see* Valacich, J.S. 52044
Menner, R., Zweigart, S., Klenk, R., Schock, H.W. Ambipolar diffusion length in $CuGaSe_2$ thin films for solar cell applications measured by steady-state photocarrier grating technique 62206
Menner, R. *see* Kessler, J. 93006
Menninga, L. *see* Simrock, S.N. 67045
Menninger, J. *see* Krause, E. 61376
Menninger, W.L., Danly, B.G., Alberti, S., Chen, C., Giguet, E., Rullier, J.L., Temkin, R.J. CARM and harmonic gyro-amplifier experiments at 17 GHz 71042
Menon, A. *see* Hardie, C. 72146
Menon, C.S. *see* Pankajakshan, V.S. 91557
Menon, M.M., Boudreau, E.R., Kolodzy, P.J. An automatic ship classification system for ISAR imagery 52633
Menon, M.M., Wells, W.M., III. An efficient MRF image restoration technique using deterministic scale-based optimization 64749
Menon, P.R., Ahuja, H., Harihara, M. Redundancy identification and removal in combinational circuits 49287
Menon, P.R. *see* Ahuja, H. 49298
Menon, P.R. *see* Ke, W. 49313
Menon, P.R. *see* Ke, W. 49392
Menon, P.R. *see* Ke, W. 92022
Menon, S. *see* Balakrishnan, K. 85837
Menon, S.M., Jayasumana, A.P., Malaiya, Y.K. Input pattern classification for transistor level testing of BiCMOS circuits 49408
Menoni, C.S. *see* Patel, D. 83129
Menovsky, A.A. *see* Koziol, Z. 72062
Menovsky, A.A. *see* Mihalik, M. 71986
Menozzi, A., Mo-Yuen Chow A design methodology for an intelligent controller using fuzzy logic and artificial neural networks 90024
Menozzi, G. MCM-L: multichip on PCBs, a complementary interconnect to MCM-C and MCM-D for avionics applications 81105
Menozzi, R. *see* Bosacchi, A. 55885
Menozzi, R. *see* De Munari, I. 50095
Menq-Jiun Wu *see* Wu Menq-Jiun
Mensaert, S. *see* De Feyter, P. 69290
Menschik, F. *see* Osanna, P. 77061
Men'shikov, L. *see* Krasnykh, A. 66793
Men'shov, B.G., Ershov, M.S., Egorov, A.V. Determining the equivalent parameters of a supply network for finding a short circuit in the load 77865
Mensinger, H. *see* Abel, S. 79872
Mensink, C.H.J. *see* Klumperink, E.A.M. 93650
Mensz, P.M. BeTe/ZnSe graded band gap ohmic contacts to p-ZnSe 49800
Mensz, P.M. Electrical and optical modeling of II-VI semiconductor diode lasers 72868
Mentel, J. *see* Mizeraczyk, J. 72684
Menter, R. Air Terminal Command and Control System (ATCCS) 88718
Mentley, D.E. Projection-display market update 58914
Mento, R. *see* Nagaraj, K. 70782
Mentz, E., Friedrich, J., Kunz, C., Neviere, M. Theory and experiment for the XUV efficiency of a 1000 lines/mm holographic grating 94670
Menu, J.P. *see* Pellieux, L. 97722
Meny, C., Leotin, J., Birch, J.R. Millimetric response of stressed gallium doped germanium photoconductor 66368
Meny, C., Ristorrcelli, I., Le Naour, C., Giard, M., Lucas, C., Sirmain, G., Birch, J.R., Lotin, J. Silicon doped with gallium photoconductors: effect of uniaxial stress and detector development 75969
Menyennett, C., Ferreira, H.C. Sequences and a new code with spectral nulls at rational submultiples of the symbol frequency 51341
Menyennett, C. *see* Botha, L. 84000
Menyhard, M., Barna, A., Biersack, J.P. Study of ion mixing during Auger electron spectroscopy depth profiling of Ge-Si multilayer system 93032
Menyuk, C.R., Rubenchik, A.M. Effect of Brillouin scattering on optical fibre communication using solitons 75504
Menyuk, C.R., Wai, P.K.A. Polarization evolution and dispersion in fibers with spatially varying birefringence 72339
Menyuk, C.R., Wai, P.K.A. Elimination of nonlinear polarization rotation in twisted fibers 72340
Menyuk, C.R. *see* Chinni, V.R. 50554
Menyuk, C.R. *see* Saxena, S. 82782
Menyuk, C.R. *see* Wai, P.K.A. 94059
Menz, I. *see* Yang, Z. 56953
Menz, W. *see* Rapp, R. 60263
Menz, W. *see* Vollmer, J. 68924
Menz, W. *see* Wallrabe, U. 54043
Menzaghi, A. *see* Pitassi, S. 50472
Menze, D. *see* Schwille, W.J. 76785
Menzel, H.G. *see* Dietze, G. 88590
Menzel, R. *see* Eichler, H.J. 56675
Menzel, R. *see* Eichler, H.J. 72761
Menzel, R. *see* Eichler, H.J. 83035
Menzel, W. *see* Alessandri, F. 80567
Menzel, W. *see* Grabherr, W. 80749
Menzel, W. *see* Schwab, W. 70844
Menzel, W. *see* Schwab, W. 80630
Menzel, W. *see* Strauss, G. 92584
Menzer, R. *see* Schmidt, V.M. 60570
Menzies, R.T., Tratt, D.M. Airborne CO_2 coherent lidar for measurements of atmospheric aerosol and cloud backscatter 88768
Menzies, R.W., Steimer, P., Steinke, J.K. Five level GTO inverters for large induction motor drives 60534
Menzies, R.W., Steimer, P., Steinke, J.K. Five-level GTO inverters for large induction motor drives 78889
Menzione, A. *see* Amidei, D. 98639
Meo, A.R. *see* de Alfaro, L. 51359
Meo, M. *see* Camurati, P. 49232
Meo, S., Scarano, M., Villani, M. Computer aided identifications for a good design of new PM-DC brushless motor with axial magnetization 68639
Meo, S. *see* Di Stefano, R. 90005
Merabet, A., Gontrand, C. Dopant redistribution during rapid thermal annealing in a self-aligned polysilicon emitter bipolar structure compatible with a complementary metal-oxide-semiconductor technology 93357
Merakos, L.F. *see* Brady, D. 64993
Merakos, L.F. *see* Jangi, S. 51844
Merakos, L.F. *see* Reiss, L.K. 74639
Merani, L. *see* Tallini, L. 71749
Meray, G.M. *see* Levine, P.A. 66466
Merazzi, S. *see* Pfistner, C. 72757
Mercader, L. *see* Benarroch, A. 52459
Mercado, P.G., Jardine, A.P. Thin film multilayers of TiNi/TiO_2/PZT: material fabrication 79876
Mercado, P.G. *see* Jardine, A.P. 82154
Mercandalli, M. *see* Mage, J.C. 82321
Mercanti, D. *see* Abrami, A. 98715
Mercer, B.Shu *see* Shu Mercer, B.
Mercer, C.R., Creath, K. Liquid-crystal point-diffraction interferometer 63495
Mercer, D. A 16-b D/A converter with increased spurious free dynamic range 92305
Mercer, D.J., Mikolas, D., Yurkon, J., Austin, S.M., Bazin, D., Gaff, S., Kashy, E., Kataria, D., Winfield, J.S., Betts, R., Henderson, D., Hallin, A., Liu, M. APEX heavy ion counters 87998
Mercer, M.R. *see* Brawhear, R.B. 49317
Mercer, M.R. *see* Park, J. 49386
Mercer, R.L. *see* Brown, P.F. 73780
Mercey, B. *see* Lecoeur, P. 63285
Merchan, R. *see* Cuevas, A. 100476
Merchant, A., Sengupta, B. Multiway graph partitioning with applications to PCS networks 65623
Merchant, A., Yu, P.S. An analytical model of reconstruction time in mirrored disks 72080
Merchant, A. *see* Jabbari, B. 85350
Merchant, C.J., Renew, D.C., Swanson, J. Exposures to power-frequency magnetic fields in the home 53479
Merchant, C.J., Renew, D.C., Swanson, J. Occupational exposures to power-frequency magnetic fields in the electricity supply industry 77089
Merchant, K., Smith, S., Yang, M. Effect of relative humidity on lubricant performance 50276
Merchant, N., Luo, J.S., Maroni, V.A., Riley, G.N., Jr., Carter, W.L. Reaction induced texture of $(Bi,Pb)_2Sr_2Ca_2Cu_3O_{10+\delta}$/Ag composite conductors 72215
Merchant, N., Luo, J.S., Maroni, V.A., Sinha, S.N., Riley, G.N., Jr., Carter, W.L. Effects of oxygen pressure on phase evolution and microstructural development in silver-clad $(Bi,Pb)_2Sr_2Ca_2Cu_3O_{10+\delta}$ composite conductors 63275
Merchant, R. *see* Mohammed, O.A. 83525
Merchant, S., Arnold, E., Baumgart, H., Egloff, R., Letavic, T., Mukherjee, S., Pein, H. Dependence of breakdown voltage on drift length and buried oxide thickness in SOI RESURF LDMOS transistors 55973
Merchant, S. *see* Baumgart, H. 93082
Merchel, G. *see* Lan Zhang 53636
Merchel, G. *see* Lan Zhang 77955
Merchez, E. *see* Gingrich, D. 53291
Mercier, J.C. *see* Laporte, B. 89954
Mercier, M. *see* Laurent, A. 90278
Mercier, P., Bergman, M. Functionality and services from new LV metering apparatus in the domestic market 89387
Mercier, V.M. *see* Babcock, J.A. 93540
Merck, W. *see* Sloot, J. 90238
Merckel, G. *see* Skotnicki, T. 93677
Merckle, J. *see* Krishnamoorthy, A.V. 56477
Mercouroff, N. *see* Lapierre, M. 96493
Mercy, J.M. *see* Georgakilas, A. 81272
Mere, R.P. Convergence, universal service and public policy [telecommunications and IT technology] 96307
Meredith, R.J. A three axis model of the mode structure of multimode cavities 57169
Meredov, M.M. *see* Slobodchikov, S.V. 93305

Merel, D., Pirez, D. An adaptive half duplex data transmission FEC/ARQ procedure: results on real HF ionospheric channel 97031
Mereutza, A.Z. *see* Chand, M. 63775
Merewether, K.O. *see* Morris, M.E. 53812
Merewether, K.O. *see* Morris, M.E. 67947
Merey, T. *see* Lohel, H. 74785
Merfert, J. *see* Mecke, H. 69273
Mergel, D. *see* Hansen, P. 63210
Merhav, N. Bounds on achievable convergence rates of parameter estimators via universal coding 95048
Merhav, N., Feder, M. The minimax redundancy is a lower bound for most sources 57320
Merhav, N. *see* Weinberger, M.J. 73696
Merhej, S.J., Nichols, W.H. Harmonic filtering for the offshore industry 69280
Merhib, J. Contract manufacturing and surface-mount technology 92708
Meri, M. Megaprogramming Diana expert system—functionality and interfaces 68024
Meribout, M., Hou, K.M., Tu, X.W., Shawky, M., Belloum, A., Mayorquim, J.-L. A real time low level image processing: edge detection and edge tracking accelerator 84881
Meribout, M. *see* Belloum, A. 70660
Merikhi, J. *see* Bredol, M. 63564
Merino, J.M., Diaz, R., Leon, M., Trigo, J.F., Galan, L., Elhimer, A., Rueda, F., Alonso, A.A. Thin film component development for Cu(InGa)Se_2/CdS/ITO solar cells for space 100651
Merkel, B. Evaluation of fast neutron irradiation effects at liquid argon temperature 76830
Merkel, B. *see* Gingrich, D. 53291
Merkel, H. *see* Schwille, W.J. 76785
Merkel, K.G., Bright, V.M., Schauer, S.N., Barrette, J. Thermally stable WTiAu non-alloyed ohmic contacts on $In_{0.5}Ga_{0.5}As$ for GaAs-AlGaAs heterojunction bipolar transistor applications 62699
Merkel, K.G., Bright, V.M., Schauer, S.N., Casas, L.M., Walck, S.D. Electrical and structural properties of GeMoW ohmic contact to an $In_{0.5}Ga_{0.5}As$ cap layer on n-type GaAs 93051
Merkel, R. *see* Schwille, W.J. 76785
Merkle, C.L. *see* Venkateswaran, S. 53520
Merkt, U. *see* Schilling, M. 50426
Merkt, U. *see* Schilling, M. 56240
Merkulov, I.A. *see* Kalevich, V.K. 71176
Merkulov, I.A. *see* Kavokin, K.V. 92987
Merl, R. *see* Kim, K. 76666
Merl, R. *see* Kim, S.H. 76348
Merl, R. *see* Kim, S.H. 76571
Merl, R. *see* Kim, S.H. 76667
Merl, R. *see* Kim, S.H. 76668
Merle, A. An integrated approach towards the simulation analysis of network protocols 52101
Merle, E. *see* de Mascureau, J. 67025
Merle, E. *see* de Mascureau, J. 76437
Merle, E. *see* Eyharts, Ph. 66799
Merle, K. *see* Kramer, H. 88264
Merletti, R. *see* Fiorito, A. 98886
Merli, E. *see* Marino, G. 58226
Merli, E. *see* Marino, G. 85990
Merli, S. *see* Testa, F. 86367
Merlin, A.S. Latest developments and future prospects of power system operation and control 59863
Merlos, A., Esteve, J., Acero, M.C., Cane, C., Bausells, J. Low-cost fabrication technology for IC-compatible backside contacted ISFETs 87084
Mermelstein, M.D. Midwave and long-wave infrared radiance and clutter at the ocean-sky horizon 98080
Mermelstein, M.D., Shettle, E.P., Takken, E.H., Priest, R.G. Infrared radiance and solar glint at the ocean-sky horizon 87292
Mermelstein, P. *see* Iyengar, V. 85334
Mermelstein, P. *see* Jalali, A. 75313
Mermelstein, P. *see* Jalali, A. 86180
Mermelstein, P. *see* Yan Ming Cheng 95243
Mermet-Guyennet, M., Lecocq, P. Boiling coupled with air cooling 79423
Merminga, L., Bisognano, J.J., Hovater, C., Krafft, G.A., Simrock, S.N., Kubo, K. Operation of the CEBAF linac with high beam loading 87873
Merminga, L. *see* Krafft, G.A. 76507
Merminga, L. *see* Perry, J. 76459
Mermoux, M. *see* Fayette, L. 70086
Mermoux, M. *see* Fayette, L. 70090
Mernyei, F., Aoki, I., Matsuura, H. A novel MMIC coupler—measured and simulated data 80604
Mernyei, F., Aoki, I., Matsuura, H. Error correction at four-port on-wafer S-parameter measurements 92619
Mernyei, F., Aoki, I., Matsuura, H. MMIC bandpass filter using parallel-coupled CPW lines 92620
Mernyei, F. *see* Eged, B. 92696
Mero, T.N. *see* Appell, G.F. 59577
Merola, A. *see* Fukue, I. 60105
Meroni, E. *see* Ranucci, G. 98551
Merono, J.M.F. *see* Balibrea, L.-M.T. 73918
Merrell, A.C. *see* Copenhaven, W.H. 79052
Merrem, H.J. *see* Shih, H.-Y. 81656
Merrick, T. *see* Amidei, D. 98639
Merrien, J.-L. Dyadic Hermite interpolants on a triangulation 69789
Merrifield, H. *see* Pinkel, R. 77553
Merrill, D. Harmonic distortion and generator compatibility 68706
Merrill, E.F. Dynamics of AC electrical machines 60165
Merrill, E.F. Torsional dynamics of AC electrical machines and systems 78634
Merrill, K.M. *see* Gatley, I. 58844
Merrill, M. *see* Flack, W.W. 71513
Merrill, M. *see* Young-Mog Ham 82085
Merrill, S.C., Desourdis, R.I., Jr. Spatial diversity in meteor scatter radio links 75383
Merrill, S.C. *see* Desourdis, R.I., Jr. 75386
Merrill, W.C. *see* Saravanan, N. 67742
Merrill, W.C. *see* Saravanan, N. 77190
Merriman, D. *see* Christensen, D.A. 76016
Merritt, I. *see* Abou-Arrage, G. 65520
Merritt, S.W. *see* Carroll, R.D. 56188
Merry, C.J., Wu, T.H. Remote sensing/GIS integration facilitates landslide predictions 77421
Merryman, R.F.K. Vista Sabre II: integration of helmet-mounted tracker/display and high off-boresight missile seeker into F-15 aircraft 67686
Mersali, B., Ghirardi, F., Brandon, J., Herve Gruyer, G., Carenco, A. Low-loss fibre-matched diluted multiple quantum well waveguides 94143
Mersali, B. *see* Bruckner, H.J. 72905
Mersali, B. *see* Ghirardi, F. 50573
Merscheim, T. Process and control system technology: essential components of a QM system 60994
Merschel, F. Long-term tests on XLPE insulated medium-voltage cables: results, experience and standardisation 99700
Mersereau, K., Crisci, R.J., Nijander, C.R., Townsend, W.P., Daly, D., Hutley, M.C. Testing and measurement of microlenses 50559
Mersereau, R.M. *see* Guenter, B.K. 57810
Mersereau, R.M. *see* Huang, J. 85042
Mersereau, R.M. *see* Linares, I. 57903
Mersereau, R.M. *see* Martucci, S.A. 84956
Merten, L. *see* van de Griendt, M.A.J. 57225
Mertens, A. Performance analysis of three-phase inverters controlled by synchronous delta-modulation systems 78733
Mertens, A., Skudelny, H.-C., Caldeira, P.P.A., Lipo, T. Characterization of GTOs under different modes of zero current switching 78727
Mertens, J.D., Bhend, W.L. Digital coincidence detection: a scanning VLSI implementation 53412
Mertens, J.D. *see* Bronzino, J.D. 60784
Mertens, P. *see* Verhaverbeke, S. 62494
Mertens, P. *see* Werkhoven, C. 62493
Mertens, P.W., Schmidt, H.F., Meuris, M., Verhaverbeke, S., Graef, D., Dillenbeck, K., Salem, S.S., Heyns, M.M. Strategy for gate-oxide yield improvement on Cz and EPI wafers 71400
Mertens, P.W. *see* Depas, M. 71702
Mertens, P.W. *see* Schmidt, H.F. 62457
Mertens, R., Mathner, N. Mobile radio for traffic telematics: a system for automatic toll collection by means of GSM 86201
Mertens, R., Nijs, J., Van Overstraeten, R., Palz, W. Technical goals and financial means for PV development 53973
Mertens, R. *see* Caymax, M. 48921
Mertens, R. *see* Caymax, M. 48922
Mertens, R. *see* Elgamel, H.E. 100575
Mertens, R. *see* Elgamel, H.E. 100641
Mertens, R. *see* Ghannam, M.Y. 100623
Mertens, R. *see* Murti, M.R. 100480
Mertesdorf, C., Nathal, B., Munzel, N., Holzwarth, H., Schacht, H.-T. Deep-UV resists based on methacrylamide copolymers 81634
Mertin, W., Leyk, A., David, G., Bertenburg, R.M., Kosslowski, S., Tegude, F.J., Wolff, I., Jager, D., Kubalek, E. Two-dimensional mapping of amplitude and phase of microwave fields inside a MMIC using the direct electro-optic sampling technique 80804
Mertineit, O. *see* Pachunke, T. 73784
Mertzios, B.G. Parallel modeling and structure of nonlinear Volterra discrete systems 64512
Mertzios, B.G., Venetsanopoulos, A.N. On the implementation of the polyspectra and cumulants via Volterra kernels 57574
Mertzios, B.G. *see* Mitzias, D.A. 57862
Mertzios, B.G. *see* Pratikakis, I.E. 76909
Mertzios, B.G. *see* Spiliotis, I.M. 57765
Merwe, D.F.van der *see* van der Merwe, D.F.
Merwe, F.S.van der *see* van der Merwe, F.S.
Merz, C.J. *see* Bond, W.E. 99068
Merz, G. *see* Hutstein, J. 85428
Merz, J. *see* Girod, W.-D. 89410
Merz, J. *see* Ying-Lan Chang 55593
Merz, J.L. *see* Emiliani, V. 62237
Merz, J.L. *see* Floyd, P.D. 72405
Merz, J.L. *see* Hu, S.Y. 94501
Merz, J.L. *see* Leonard, D. 54841
Merz, J.L. *see* Schramm, J.E. 55823
Merz, J.L. *see* Schramm, J.E. 56019
Merz, W., Myers, F., Sarkar, S. Corrector magnet controls at the SSC 76394
Merz, W. *see* Sarkar, S. 78729
Merz, W. *see* Sarkar, S. 87625
Merzakreev, R.R. *see* Desourdis, R.I., Jr. 75384
Merzakreev, R.R. *see* Sidorov, V.V. 86310
Merzbacher, C.I., Harbison, B.B., Bolden, E.A., Aggarwal, I.D. Long-wavelength infrared transmitting glasses: new ternary sulfide compositions 63339
Merzlyakov, Yu.I. *see* Aksenov, G.A. 52770
Merzouk, S. *see* Deville, P.M. 90627
Mesa, F. *see* Plaza, G. 83730
Mesbahi, J.El *see* El Mesbahi, J.
Mesch, F. Relation between measurement theory and measurement education 75803
Mesch, F. Didactic reduction by theory, with special attention to measurement education 86816
Mesch, H.G. *see* Stella, P.M. 99099
Meschanov, V.P., Metelnikova, I.V., Tupikin, V.D., Chumaevskaya, G.G. A new structure of microwave ultrawide-band differential phase shifter 61887
Mescher, M.J. *see* Kazimierczuk, M.K. 61541
Meschini, F. *see* Borella, A. 51741
Meschini, F. *see* Borella, A. 52096
Meschini, F. *see* Borella, A. 85871
Meschini, F. *see* Borella, A. 86378
Meschini, F. *see* Borella, A. 96130
Meschini, M. *see* Arefiev, A. 88007
Mescia, N. *see* Chung, K. 81047
Mesenzhnik, Ya.Z., Ushakov, V.V. Flexible-screen characteristics of sealed-cable 59937
Mesenzhnik, Y.Z., Ushakov, V.V. Flexible-screen characteristics of sealed cables. II 78126
Meserve, R. *see* Garber, M. 82418
Meshcherov, R., Batskikh, G., Krasnopolsky, V., Rybalko, V., Sazhin, V., Vasiliev, A. Collective accelerator with variable energy and wide spectrum of accelerated ions 76379
Meshcheryakov, A.V. *see* Klyuenkov, V.M. 80676
Meshcheryakov, V.V. *see* Ilin, V.I. 99596
Meshel, D.C., Lum, G.K., Marshall, P.W., Dale, C.J. Radiation testing of InGaAsP fiber optic transmitter and receiver modules 75446
Mesher, D.E., Poehlman, W.F.S. Interpretation of pulsed radar backscatter waveforms using a knowledge based system 75553
Meshkinpour, M., Goorsky, M.S., Matney, K.M., Streit, D.C., Block, T.R. Characterization of buried pseudomorphic InGaAs layers using high-resolution X-ray diffraction 93496
Meshulach, D., Ruschin, S. Active N coupled waveguide switch and power splitter 72414
Mesina, J.M. Determination of electrical clearances for permissible equipment operating in gassy mines and tunnels 90700
Meskoob, B., Prasad, S. Application of the first-order bipolar model to harmonic distortion analysis of HBT's 62716
Meskoob, B., Prasad, S. A discrete phase-locked loop for undergraduate laboratories 90834
Meslener, G.J. *see* Xiaolin Lu 75468
Mesnyankin, E.P. *see* Kalyashova, Z.N. 63529
Mesnyankin, E.P. *see* Kalyashova, Z.N. 73142
Mesquida, G. *see* Speier, P. 83173
Mesquida Kusters, A., Kohl, A., Brittner, S., Sommer, V., Heime, K. Effect of indium mole fraction on charge control, DC and RF performance of single quantum-well InP/$In_xGa_{1-x}As$/InP ($0.53 \leqslant x \leqslant 0.81$) HEMTs 56032
Mesquida Kusters, A. *see* Kohl, A. 54921
Mesquida Kusters, A. *see* Sommer, V. 56037
Mesquita, M. *see* Carvalho, P. 96861
Mesquita, R.C. Additional properties of the incomplete gauge formulation for 3-D nodal finite-element magnetostatics 83474
Mesquita, R.C. *see* Bastos, J.P.A. 83764
Mesquita, R.C. *see* Silva, E.J. 83448
Mesquita, R.C. *see* y Gonzalez, E.L. 83476
Messal, R. *see* Saint-Martin, X. 81117
Messec, F.L. *see* Haynes, R.L. 60647
Messeguer, F. *see* Vazquez, L. 71080
Messenger, S.R., Walters, R.J., Cotal, H.L., Summers, G.P. Radiation degradation in $In_{0.53}Ga_{0.47}As$ solar cells 60481
Messenger, S.R. *see* Cotal, H.L. 60479
Messenger, S.R. *see* Summers, G.P. 100747
Messenger, S.R. *see* Walters, R.J. 100753
Messer, H. The use of spectral information in optimal detection of a source in the presence of a directional interference 86617
Messer, H., Schultheiss, P.M. Conditional GLRT detection of a wideband source in the presence of a directional interference 74100
Messer, H. *see* Bar-Ness, Y. 84283
Messer, H. *see* Frisch, M. 74093
Messer, H. *see* Sharfer, I. 57441
Messer, H. *see* Sharfer, I. 74026
Messer, H. *see* Sharfer, I. 95385
Messer, M.T. *see* Denlinger, D.W. 52810
Messer, R. *see* Fiegl, B. 79366
Messer, R. *see* Fiegl, B. 79383
Messerschmitt, D.G. *see* Chang, S.F. 85039
Messerschmitt, D.G. *see* Chen, T.M. 96190
Messerschmitt, D.G. *see* Haskell, P. 85775
Messerschmitt, D.G. *see* Shih-Fu Chang 64611
Messerschmitt, D.G. *see* Yun, L.C. 58237
Messersmith, J., McClintock, M. Training for the competitive 1990's a case study: Oglethorpe Rocky Mountain plant 89738

Messica, A., Greenstein, A., Katzir, A., Schiessl, U., Tacke, M. Fiber-optic evanescent wave sensor for gas detection 76053
Messica, A. *see* Madjar, A. 80851
Messick, C. *see* Lukaszek, W. 62366
Messick, C. *see* Suchle, J.S. 62621
Messick, C. *see* Wang, H. 63058
Messier, R. *see* Lakhtakia, A. 83622
Messina, G., Santangelo, S., Paoletti, A., Tucciarone, A. Simulation of electron-scattering properties of diamond membranes in X-ray mask fabrication 81689
Messina, M. Network performance management in client/server environment 96484
Messina, M.J., Schulz, R.P., Lavin, J.M., Congos, L.M. Improved method for protecting generation from loss of field conditions 78204
Messina, N. *see* Leotta, N. 99685
Messina, W.S. *see* Montgomery, D.C. 60995
Messinger, M. "Remote" control 99391
Messler, R.W., Jr. *see* Wenge Yang 79976
Mestas, J.-L. *see* Bourlion, M. 77035
Meste, O., Rix, H., Caminal, P., Thakor, N.V. Ventricular late potentials characterization in time-frequency domain by means of a wavelet transform 76989
Mester, A., Penescu, M., Mihaila, B. The electrically active phosphorus concentration in neutron transmutation doped silicon 62144
Mestha, L.K., Brouk, V., Webber, R.C., Mangino, J., Uher, T. A digital beam phase loop for the Low Energy Booster 76513
Mestha, L.K., Kwan, C.M., Yeung, K.S. General time-varying state-space control model and its application for transient beam loading compensation 76514
Mestre, D. *see* Berthelon, C. 98745
Mestreau, P. *see* Lagage, P.-O. 66431
Mestres, N. *see* Ruiz, A. 54875
Mestrovic, K., Harca, S. Computation of thermodynamic effects of shortcircuit due to internal arc in switchgear 90231
Mestrovic, K., Ljubesic, J. Computer-aided design of 420 kV gas insulated switchgear (GIS) 68904
Mesyats, G.A. *see* Abdullin, I.N. 54072
Mesyats, G.A. *see* Darznek, S.A. 90285
Mesyatz, G.A. Electron emission from a ferrodielectric ceramic 49738
Meszaros, A. 'ISOMAX S' new LV circuit breakers from ABB-SACE 100401
Meszaros, P. *see* Demjen, C. 53686
Metaal, E.G. *see* Soldano, L.B. 50552
Metaal, E.G. *see* Spiekman, L.H. 82640
Metafast, S.E. *see* Horianopoulos, S.L. 49560
Metag, V. *see* Gabler, A.R. 67416
Metal, I. *see* Griffin, M.F. 86553
Metalis, S.A. Assessment of pilot situational awareness: measurement via simulation 99053
Metaxas, A. *see* Fu, W. 73447
Metaxas, A.C. *see* Clee, M.J. 79012
Metaxas, A.C. *see* Dibben, D. 54261
Metaxas, A.C. *see* Fu, W.B. 54265
Metaxas, D. *see* Kakadiaris, I.A. 96065
Metaxas, D. *see* Park, J. 76942
Metaxas, D. *see* Park, J. 88357
Metayer, L. *see* Bigorgne, D. 73877
Metcalfe, S. *see* Tiler, C. 60833
Meteer, M., Rohlicek, J.R. Statistical language modeling combining N-gram and context-free grammars 73839
Meteer, M. *see* Denenberg, L. 73863
Metelitsa, O.N. *see* Baryshevsky, V.G. 50874
Metelnikova, I.V. *see* Meschanov, V.P. 61887
Meth, J. *see* Kim, D.Y. 83329
Meth, M. *see* Brennan, J.M. 67178
Meth, M. *see* Russo, D. 76482
Meth, M. *see* Sanders, R.T. 67163
Methiwalla, M. *see* Bourne, J. 65501
Methley, B.D.F. Photogrammetric data capture: an inexpensive alternative 77313
Metivier, G. *see* Maric, S.V. 52367
Metkemeijer, R., Achard, P. Comparison of ammonia and methanol applied indirectly in a hydrogen fuel cell 60427
Metkemeijer, R., Achard, P. Ammonia as a feedstock for a hydrogen fuel cell; reformer and fuel cell behaviour 60436
Metlinsky, N. *see* Saenz, C. 59159
Metlov, K.L. *see* Zablotskii, V.A. 72072
Metlov, V.A. *see* Bogdanov, Yu.I. 81389
Metra, C., Favalli, M., Ricco, B. Novel 1-out-of-n CMOS checker 82061
Metra, C., Ricco, B. Enhanced reliability evaluation for self-checking circuits 55175
Metra, P. *see* Ashworth, S.P. 89306
Metschuleit, J. *see* Coles, C. 66498
Metselaar, J.W., Kuznetsov, V.I., Zhidkov, A.G. Photoresist stripping in afterglow of Ar-O_2 microwave plasma 62610
Metselaar, J.W. *see* Tao, G. 100587
Metselaar, J.W. *see* Zeman, M. 100605
MettingVanRijn, A.C., Peper, A., Grimberger, C.A. Amplifiers for bioelectric events: a design with a minimal number of parts 67568
Mettler, A., Wyrsch, N., Goetz, M., Shah, A. Deep defect determination by the constant photocurrent method (CPM) in annealed or light soaked amorphous hydrogenated silicon (a-Si:H) 92972
Metty, P. *see* Curtin, M. 68742
Metusala, T. *see* Oidram, R. 89342
Metwally, H.M.B. *see* Anis, W.R. 100030
Metz, M. *see* Schneider, H. 89797
Metz, R.F., Hirsch, H.L., Jones, J. Real-time simulation of electronic scanning antennas 57215
Metz, R.F., Phelps, R.A. AECM, an AF tool to generate I/Q for simulators or real radar processors 88916
Metzer, K. *see* Bogenfeld, E. 75745
Metzger, D. *see* Hartung, W. 87731
Metzger, D. *see* Kirchgessner, J. 67104
Metzger, D. *see* Nordberg, E. 66815
Metzger, J. New metering apparatus and tariffing simulations 89386
Metzger, K. A new approach to sequential detection 57323
Metzger, R.A. *see* Hafizi, M. 61913
Metzger, S., Dreute, J., Heinrich, W., Rocher, H., Fischer, B.E., Harboe-Sorensen, R., Adams, L. Heavy ion microscopy of single event upsets in CMOS SRAMs 70476
Metzger, T.H., Luidl, C., Pietsch, U., Vierl, U. Novel versatile X-ray reflectometer for angle and energy dispersive characterization of liquid and solid surfaces and interfaces 98717
Metzler, P. *see* Raynor, J.M. 75898
Metzner, D., Vogler, T., Schroder, D. A modular concept for the circuit simulation of bipolar power semiconductors 93298
Metzner, D. *see* Sastry, V.V. 80091
Metzner, J.J. *see* Lure, Y.S.F. 98871
Metzner, J.J. *see* Mbarki, I.E. 75053
Metzner, J.J. *see* Zan, M.M. 85843
Metzner, N. *see* David, F. 86111
Meucci, R., Gadomski, W., Ciofini, M., Arecchi, F.T. Experimental control of chaos by means of weak parametric perturbations 56608
Meul, H.W. *see* Meister, T.F. 62964
Meunier, C., Viltart, P. In line monitoring of petroleum/oil products using a fiber optic spectrocolorimeter 52919
Meunier, G. *see* Belhoucine, B. 83579
Meunier, G. *see* Benbouzid, M.E.H. 51003
Meunier, G. *see* Guerin, C. 83478
Meunier, G. *see* Jarnieux, M. 83576
Meunier, G. *see* Marechal, Y. 83445
Meunier, G. *see* Morweiser, W. 80903
Meunier, G. *see* Morweiser, W. 80907
Meunier, G. *see* Schanen, J.-L. 80969
Meunier, J.P., Wang, Z.H., Hosain, S.I. Evaluation of splice loss between two nonidentical single-mode graded-index fibers 82560
Meunier, M., Suys, M., Tabbal, M., Izquierdo, R., Yelon, A., Sacher, E. Excimer laser-induced metallization for in situ processing on Si and GaAs 71412
Meunier, M., Tabbal, M., Suys, M., Izquierdo, R., Yelon, A., Sacher, E., Poulin, S. Excimer laser-induced metallization for Si and GaAs microelectronics 62511
Meunier, M. *see* Bastard, P. 68675
Meunier, M. *see* Bernier, M.-H. 61324
Meunier, M. *see* Evoy, S. 62510
Meunier, M. *see* Shen, B. 62447
Meunier, R. *see* Bogaert, G. 59020
Meur, A.Le *see* Le Meur, A.
Meur, D.Le *see* Le Meur, D.
Meur, J.P.Le *see* Le Meur, J.P.
Meurer, D. *see* Beigert, M. 68242
Meuris, M. *see* Depas, M. 71702
Meuris, M. *see* Mertens, P.W. 71400
Meuris, M. *see* Schmidt, H.F. 62457
Meuris, M. *see* Verhaverbeke, S. 62494
Meuris, M. *see* Werkhoven, C. 62493
Meusel, K.H. Optimum applications of logic analysers 97842
Meuser, T. Performance evaluation of the CRMA-II protocol in Gbit/s LANs 51821
Meuser, T. Enhancement of the CRMA-II protocol by distributed marking 85316
Meuser, T. Traffic control in slotted rings to realise a multi-service environment 85749
Meuser, T., Wolsky, J. Performance evaluation of the ATM ring-based switching architecture 96243
Meuser, T. *see* Breuer, S. 65327
Meuser, T. *see* Davids, P. 52169
Meuth, H., Schnase, A., Halling, H. Possibilities and limitations for a fully-digital RF signal synthesis and control [particle accelerators] 67232
Meuth, H. *see* Gunther, C. 87710
Meuth, H. *see* Papureanu, S. 67223
Mevlyut, Sh.T. *see* Yafarov, R.K. 55767
Mew, C.D. The use of a PC equipped with a fast ADC as an oscilloscope 97872
Mew, C.K., Kohli, J.C. Planning the operations of the San Diego PCS trial network 86175
Mey, G.De *see* De Mey, G.
Mey, V.de *see* de Mey, V.
Meyberg, M., Morenzoni, E., Wutzke, T., Zimmermann, U., Kottmann, F., Jungmann, K., Matthias, B., Prokscha, T. Development of very low energy μ^+ beam at PSI 76396
Meydan, T. Application of amorphous materials to sensors 66171
Meydan, T. *see* Goktepe, M. 66172
Meyer, A.P. Development of proton exchange membrane fuel cells for underwater applications 100879
Meyer, A.S., McCulloch, M., Landy, C.F. The industrial application of simulation to solve transient electric motor drive problems using readily available data 69049
Meyer, B. *see* Panciatici, P. 59695
Meyer, B.K. *see* Wetzel, C. 70045
Meyer, B.R. *see* Simpson, B.R.S. 59102
Meyer, C. *see* Misra, V. 93430
Meyer, C. *see* Yasuda, T. 93177
Meyer, C.E., Giddens, J.M., Jr. Westinghouse Owners Group life cycle management/license renewal program [nuclear plant] 99894
Meyer, C.W., Reilly, M.L. Measurements of the gas dependence of the effective area of a piston gauge using H_2, ^3He, ^4He, N_2, CO_2 and SF_6 66732
Meyer, D., Martin, D. Position detector design using an electrostatic application of ANSYS 98463
Meyer, D. *see* Shu, Q.S. 87932
Meyer, D.F. *see* Banker, W.A. 78095
Meyer, E., Howald, L., Luthi, R., Haefke, H., Ruetschi, M., Bonner, T., Overney, R., Frommer, J., Hofer, R., Guntherodt, H.-J. Scanning probe microscopy on the surface of Si(111) 71069
Meyer, F. Topographic distance and watershed lines 74338
Meyer, F. One-way time transfer using geostationary satellites: evolution of the experiment on the satellite TDF2 87562
Meyer, F. *see* Apelt, O. 99678
Meyer, F. *see* Eizenberg, M. 49819
Meyer, F. *see* Mosleh, N. 61391
Meyer, F. *see* Sarkar, S. 78729
Meyer, F. *see* Sarkar, S. 87625
Meyer, F.G., Bouthemy, P. Region-based tracking using affine motion models in long image sequences 95741
Meyer, F.J.C., Davidson, D.B. A 2D finite element/boundary element method applied to practical 2D and 3D scattering problems 51086
Meyer, F.J.C., Davidson, D.B. Error estimates and adaptive procedures for the two-dimensional finite element method 61204
Meyer, F.J.C., Davidson, D.B. Approximate computer modelling of a manpack antenna using the two dimensional finite element/boundary element method 77084
Meyer, F.M. *see* Lazarus, R.B. 59462
Meyer, G. *see* Feick, H. 98611
Meyer, G.A., IV, Toth, J.E. Micro, miniature and macro heat pipes for electronics cooling—what makes sense? 79398
Meyer, G.E., Fletcher, M.R., Fitzgerald, J.B. Calibration and use of a pyroelectric thermal camera and imaging system for greenhouse infrared heating evaluation 75990
Meyer, G.F. *see* Ainsworth, W.A. 84137
Meyer, H., Drewer, H., Krause, J., Cammann, K., Kakerow, R., Manoli, Y., Mokwa, W., Rospert, M. Chemical and biochemical sensor array for two-dimensional imaging of analyte distributions 58862
Meyer, H., Vogel, R. Explosion-proof low-voltage distribution in modular construction 90701
Meyer, H. *see* Kakerow, R. 66282
Meyer, H. *see* Walesch, H. 86976
Meyer, H.-G., Kohler, H.-J., Chwala, A., Bluthner, K., Weber, P., Kley, E.-B., Rockstroh, W. Microwave circuit for the generation of Josephson voltages at low frequencies 56256
Meyer, H.-G., Kohler, H.-J., Wende, G., Chwala, A., Vollmer, E., Stumper, U., Bluthner, K., Weber, P. Josephson voltage standard microwave circuit driven at 10 GHz 66112
Meyer, H.-G. *see* Schambach, J. 56257
Meyer, H.De *see* De Meyer, H.
Meyer, H.J., Doherty, P.E. Operational considerations for high frame rate CCD readout 76072
Meyer, H.J. *see* Damento, M.A. 66473
Meyer, H.L. *see* Barbier, C.E. 69175
Meyer, H.O. *see* Horowitz, C.J. 76391
Meyer, H.O. *see* Ross, M.A. 53283
Meyer, J., Spammer, S.J., Swart, P.L. All fibre Fabry-Perot interferometer using coherence demultiplexing and fibre loop reflectors 52900
Meyer, J. *see* Booysen, A. 76038
Meyer, J. *see* Elezzabi, A.Y. 63963
Meyer, J. *see* Elezzabi, A.Y. 65508
Meyer, J. *see* Hansen, C.L. 96882
Meyer, J. *see* Spammer, S.J. 61598
Meyer, J.-U. *see* Giesler, T. 58698
Meyer, J.A. *see* Klopper, W. 94321
Meyer, J.E. *see* Kim, K.K. 60058
Meyer, J.H. A disposable ship launched free-floating air/water interface probe 99170
Meyer, J.J., Behof, A.F. Experiment on the motion of a dielectric in a parallel-plate capacitor 94726
Meyer, J.J., Saiz Jabardo, J.M. An ultrasonic device for measuring the oil concentration in flowing liquid refrigerant 87588
Meyer, J.P. *see* Gingrich, D. 53291
Meyer, J.R. *see* Choi, J.B. 55611
Meyer, J.R. *see* DiVenere, A. 54853
Meyer, J.R. *see* Youngdale, E.R. 55599
Meyer, J.R. *see* Youngdale, E.R. 62246
Meyer, J.W. *see* Halloran, P. 80070

Meyer, K., Persinger, D., Phelps, R. Network management station performance metrics 51985
Meyer, M. *see* Finger, G. 58785
Meyer, M. *see* Hallfahrt, G. 89424
Meyer, P., van der Walt, P.W. Closed-form expression for implementing the method of lines for two-layer boxed planar structures 83772
Meyer, R. *see* Daledda, K. 99947
Meyer, R. *see* Haworth, M. 76408
Meyer, R., Jr., Weitzing, H., Qichang Xu, Qiming Zhang, Newnham, R.E., Cochran, J.K. Lead zirconate titanate hollow-sphere transducers 75938
Meyer, R.E. *see* Barlow, D.B. 76606
Meyer, R.E. *see* Barlow, D.B. 87688
Meyer, R.E. *see* Barlow, D.B. 87689
Meyer, R.E. *see* Gilpatrick, J.D. 76497
Meyer, R.G., Mack, W.D. A 1-GHz BiCMOS RF front-end IC 52402
Meyer, R.G., Mack, W.D. A wideband low-noise variable-gain BiCMOS transimpedance amplifier 61575
Meyer, R.J. Nearest-neighbor approximation for the dipole moment of conducting-particle chains 94730
Meyer, S. *see* Hudgens, R. 80736
Meyer, S. *see* Yee, H.P. 91888
Meyer, T., Effelsberg, W., Steinmetz, R. A taxonomy on multimedia synchronization 96439
Meyer, T.C. *see* Bouclier, R. 67348
Meyer, W. *see* Allen, S.L. 63878
Meyer, W.E. *see* Auret, F.D. 55564
Meyer, W.E. *see* Goodman, S.A. 55563
Meyer, W.E. *see* Myburg, G. 81360
Meyer, W.H. *see* Lasnier, C.J. 63879
Meyer, W.J. *see* Carson, R.F. 79512
Meyer, W.T. *see* Crawley, H.B. 59209
Meyer, W.T. *see* Crawley, H.B. 61775
Meyer, W.T. *see* Crawley, H.B. 88233
Meyer, W.T. *see* Crawley, H.B. 98666
Meyer, W.T. *see* Nutter, S. 88234
Meyer, W.T. *see* Nutter, S. 98697
Meyer zu Bexten, E., Moraga, C. Design of complex systems from behavioural descriptions using formal methods 49572
Meyer-Hilberg, J., Jacob, T. High accuracy navigation and landing system using GPS/IMU system integration 65961
Meyer-Hilberg, J., Jacob, T. High accuracy navigation and landing system using GPS/IMU system integration 77125
Meyere, A.de *see* de Meyere, A.
Meyerhof, W.E. *see* Feinberg, B. 87833
Meyerhofer, D. *see* Xiao, X. 66483
Meyerhofer, D.D. *see* Barletta, B. 76636
Meyerhofer, D.D. *see* Cao, X.D. 63364
Meyerhofer, D.D. *see* Peatross, T. 64000
Meyerova, R. *see* Garb, K. 49617
Meyerova, R. *see* Garb, K. 73481
Meyers, J. Wireless industry weighs digital test issues [digital radio networks] 97041
Meyers, J.L.H. *see* Korevaar, J. 79712
Meyers, P.V., Sandwisch, D.W. Polycrystalline thin film PV panel manufacturing program 90426
Meyers, P.V., Zhou, T., Powell, R.C., Reiter, N. Elemental vapor deposited polycrystalline CdTe thin film photovoltaic modules 100492
Meyerson, B. *see* Kermarrec, C. 81843
Meyerson, B. *see* Kermarrec, C. 92616
Meyerson, B.S., Kaiser, H., Schultz, S. Extending silicon's horizon through UHV/CVD 79820
Meyerson, B.S. *see* Crabbe, E.F. 93339
Meyerson, B.S. *see* Cressler, J.D. 93355
Meyerson, B.S. *see* Harame, D.L. 71770
Meyerson, B.S. *see* Harame, D.L. 93579
Meyerson, B.S. *see* Ismail, K. 79892
Meyerson, B.S. *see* Li, P.W. 93385
Meyerson, B.S. *see* Stoger, G. 55591
Meyn, J.-P., Huber, G. Intracavity frequency doubling of a continuous-wave, diode-laser-pumped neodymium lanthanum scandium borate laser 94377
Meyn, J.-P., Jensen, T., Huber, G. Spectroscopic properties and efficient diode-pumped laser operation of neodymium-doped lanthanum scandium borate 63730
Meyn, J.-P. *see* Beier, B. 56670
Meyn, J.-P. *see* Jensen, T. 56669
Meynaud, P., Pene, P. Voltage unbalance 59900
Meyr, H. *see* Classen, F. 84552
Meyr, H. *see* Fechtel, S.A. 58287
Meyr, H. *see* Joerssen, O. 73689
Meyrueis, P. *see* Eckerle, M. 87259
Meystel, A. *see* Malfaro, W.J. 68228
Meyyappan, N. *see* Zhang, L. 71311
Mezdrogina, M.M. *see* Kasherininov, P.G. 71150
Mezei, P. *see* Janossy, M. 56628
Mezentsev, N.A. *see* Kang, B.K. 76650
Mezentsev, N.A. *see* Poole, M.W. 67207
Mezher, K.A. *see* Bowron, P. 92353
Mezher, K.A. *see* Rodriguez Tellez, J. 50040
Meziane, B. *see* Besnard, P. 83061
Meziani, Z.-E. *see* Kawall, D. 98563
Mezzanotte, P., Mongiardo, M., Roselli, L., Sorrentino, R. FDTD analysis of high performance MMIC package 80776
Mezzanotte, P., Mongiardo, M., Roselli, L., Sorrentino, R., Heinrich, W. Analysis of packaged microwave integrated circuits by FDTD 80745
Mezzena, R. *see* Cerdonio, M. 50404
Mezzetti, S. *see* Brioschi, F. 72760
Mezzorani, G. *see* Greife, U. 98550
Mezzour, S. *see* Gouy, J.P. 72611
Mhango, L.M.C. Computational aspects of PM brushless DC LRECM machine using 2D finite element modelling 90017
Mi, J. *see* Yuan, X.-J. 71221
Mi Bi *see* Bi Mi
Mi Linshu *see* Lu Feipeng 77829
Mi Qun *see* Qun Mi
Mi Ran Kim, Jong Tae Park The characteristics of degraded drain output resistance of NMOSFET due to hot electron effects 93391
Mi Xiaoying, Xu Wei The characterization of a FLC light valve with pixellated metal reflector 72475
Mi Xin *see* Xin Mi
Mi-Chang Chang *see* Shin-Puu Jeng 71435
Miae Woo, Ghafoor, A. Multichannel scheduling for communication of pre-orchestrated multimedia information (homogeneous channels case) 64895
Miah, B., Scharf, E. A real time management system for the Two-Level CAC algorithm 65157
Miah, M.A.S. *see* Yatim, A.H.B.M. 99558
Miake, Y. *see* Kurata, M. 98524
Mialhe, P. *see* Bendada, M. 71248
Mialhe, P. *see* El-Hajj, K. 71173
Mian, G., Howell, T.D. Determining a signal to noise ratio for an arbitrary data sequence by a time domain analysis 50330
Mian, G., Potter, J.A., Howell, T.D. Effects of media orientation and intergranular exchange coupling on nonlinear transition shift 50296
Mian, G.A., Riccardi, G. A localization property of line spectrum frequencies 95240
Mian, G.A. *see* Bernardini, R. 57764
Mian, G.A. *see* Bernardini, R. 74081
Mian, G.A. *see* Bernardini, R. 74202
Mian, G.A. *see* Bernardini, R. 84844
Mian, G.A. *see* Bernardini, R. 84983
Mian, G.A. *see* Carrai, P. 95664
Mian, G.A. *see* Cortelazzo, G. 74581
Mian, M.S., Saadawi, T.N. Throughput-delay analysis of a meteor burst communication link 52464
Miano, G. *see* Albanese, R. 73265
Miano, G. *see* Bobbio, S. 63263
Miano, G. *see* Bobbio, S. 82233
Miano, G. *see* de Magistris, M. 83616
Miano, G. *see* De Menna, L. 94895
Miao, J., Hartnagel, H.L., Wurfl, J., Ruck, D. Investigation of defects induced during the fabrication of integrated sensors on GaAs using ion implantation 81462
Miao, K.X., Fan, H., Doroslovacki, M. Cascade lattice IIR adaptive filters 57541
Miao, Y. *see* Wuosmaa, A.H. 67386
Miao, Y.Z. *see* Xu, Y.B. 63186
Miao Guoqing *see* Zeng Xiaojun 98953
Miao Han Jin *see* Han Jin Miao
Miao Ji *see* Ji Miao
Miao Yang *see* Jinhai Si 63948
Miao Yang *see* Jinhai Si 73023
Miao Zhenjiang, Yuan Baozong Speech recognition by extended loop neural network 95309
Miao Zhenjiang *see* Lukin, V.V. 77293
Miaoulis, I.N. *see* Wong, P.Y. 62347
Mias, C., Ferrari, R.L. Closed singly periodic three dimensional waveguide analysis using vector finite elements 94934
Mias, C., Webb, J.P., Ferrari, R.L. Finite element analysis of electromagnetic plane wave scattering from an infinite doubly periodic structure 73275
Micali, S. *see* Leighton, T. 83961
Micca, G., Charpentier, F., Schukat-Talamazzini, E., Thomas, T. The recognition component of the SUNDIAL project 64335
Micca, G. *see* Baggia, P. 64389
Micchelli, C.A., Xu, Y. Using the matrix refinement equation for the construction of wavelets on invariant sets 95502
Micek, S.L. *see* Schotanus, P. 88324
Micek, S.L. *see* Schotanus, P. 98733
Miceli, W.J. *see* Chao, T.-H. 56488
Miceli, W.J. *see* Chao, T.-H. 57833
Miceli, W.J. *see* Tien-Hsin Chao 74459
Michael, A. *see* Kushawaha, V. 63725
Michael, C. *see* Wang, H. 63058
Michael, K. Get ready for ATM 96395
Michael, P. *see* Ryu, K. 94000
Michael, P.C. *see* Ryu, K. 89297
Michael, P.C. *see* Takao, T. 87790
Michael, R.B. *see* Koren, U. 94197
Michael, R.R., Lawson, C.M. Fiber optic low-coherence Michelson interferometer for silicon growth measurement 52925
Michael, R.R. *see* Lawson, C.M. 53050
Michaelides, J. *see* Iyengar, V. 85334
Michaelis, M.M. *see* Phipps, C.R. 59523
Michaelis, W., Haars, H., Augustin, R. A new determination of the gravitational constant G 86975
Michaelis, W. *see* Luckow, F. 73188
Michaelis, W. *see* Voss, E. 59549
Michaels, D.L. *see* Stetina, F. 77307
Michaels, K. Effective grounding of electrical systems. 2 59984
Michaels, K. Effective grounding of electrical systems. IV 78184
Michaels, K.M. Effective grounding of electrical systems. I 53804
Michaels, K.M. Earth ground resistance testing for low voltage power systems 68312
Michaels, K.M. Effective grounding of electrical systems—Part 3 90878
Michaels, K.W., Strojwas, A.J. Variable accuracy device modeling for event-driven circuit simulation 49092
Michaels, R.A. Advanced AMLCD technology for cockpits 77143
Michaelson, R.B. World class manufacturing culture: an approach developed in the IMOCIM project 48623
Michailova, A.G. *see* Kalyashova, Z.N. 56970
Michal, D.P., Fuhrmann, D.R. Multiple target detection for an antenna array using outlier rejection methods 86548
Michal, R. *see* Behrens, V. 61984
Michal, T. Trajectography treatments for the space activity surveillance 59640
Michal, V. Methods of time optimization of nuclear power plant safe enclosure before its final decommissioning 78294
Michalec, J.R. *see* Kogan, V.I. 60515
Michalik, W., Hasenpusch, H., Janiszewski, A. Determination of the parameters of induction motors under dynamic operating conditions 60214
Michalikova, M., Gruskova, A., Vicen, R., Lipka, J., Slama, J. Co, Ti, Mn-precipitated barium hexaferrite powders 72070
Michalopoulou, Z.H., Alexandrou, D. Comparison of multilayer perceptrons and maximum likelihood processors in the context of seafloor parameter estimation 99136
Michaloski, P. *see* DeStefano, P. 63465
Michalowski, J. *see* Adam, W. 88114
Michalski, A. Data telecommunication network needs for Polish state finance sector 85727
Michalski, K.A. *see* Jianxiang Wu 73274
Michalski, K.A. *see* Min-Hua Ho 73528
Michalsky, J. *see* Harrison, L. 88764
Michalson, W.R. *see* Virball, V.G. 65736
Michanov, B.V. *see* Grigor'ev, V.A. 87237
Michaud, F. *see* Goita, K. 67755
Michaud, F.D. *see* Alkire, R.W. 98426
Michaud, G. *see* Travier, C. 59048
Michaut, C., Bacal, M. Atomic collisions in negative ion beam simulation 53273
Michaut, C., Bacal, M., Belchenko, Yu.I., Auvray, J., Konieczny, C., Stephan, J.P. Study of pulsed discharge operation of volume H^- ion source 53195
Michaut, J. *see* Barthes-Corlier, M. 87791
Micheel, L.J., Hartnagel, H.L., Anderson, W.T., Kirchoefer, S.W., Papanicolaou, N.A. Interband-tunneling III-V semiconductor structures for multiple-valued literal and arithmetic functions 55244
Micheel, L.J., Taddiken, A.H., Seabaugh, A.C. Multiple-valued logic computation circuits using micro-and nanoelectronic devices 49938
Michel, A. *see* David, J.P. 100745
Michel, B. *see* Ariztizabal, F. 98518
Michel, B. *see* Dau Thi Thuy Lan 73301
Michel, B. *see* Dudek, R. 60965
Michel, C. *see* Cresson, P.-Y. 98943
Michel, C. *see* Francis, P. 50088
Michel, C. *see* Macq, B. 98825
Michel, E., Ball, S., Ehret, K., Geyer, C., Hesselbarth, J., Holscher, A., Hofmann, W., Holzer, B., Hupper, A., Khan, S., Knopfle, K.T., Seeger, M., Spengler, J., Brogle, M., Horisberger, R. The ARGUS silicon vertex detector 88029
Michel, E. *see* Brown, G.J. 71179
Michel, E. *see* Ozbay, E. 81522
Michel, G. *see* Burnett, R.O., Jr. 89019
Michel, H. *see* Barrat, S. 70095
Michel, H. *see* Clemens, P.C. 82700
Michel, J. The sensitisation and the formation of engineering information management specialisation based on a worldwide investigation 69394
Michel, J., Nandhakumar, N. Improved volume intersection methods for 3D object modeling 84592
Michel, J., Urfer, P., Morel, D. Fibre to home: cable termination "Optobook" 52523
Michel, J. *see* Devaud, M. 85869
Michel, J. *see* M'Saad, H. 55820
Michel, J. *see* M'saad, H. 81527
Michel, J. *see* Zheng, B. 56568
Michel, J.-L. Operations support for signalling system no. 7 85514
Michel, J.C. *see* Raffle, Y. 91454
Michel, J.P. *see* Demuynck, L. 70114
Michel, L. *see* Aoki, S. 53304
Michel, M. *see* Bakran, M.-M. 100315
Michel, M. *see* Combes, P. 96405
Michel, M. *see* Ranneberg, J. 78696
Michel, R. *see* Kawakami, H. 87192
Michel, W. *see* Beccard, B. 54904
Michel-Lours, L. *see* Bourdier, A. 50872
Michelena, E.D. *see* Van de Voorde, N.E. 99169
Micheletti, R., Minguzzi, P., Noginov, M.A., Tonelli, M. Upconversion luminescence of Er and Cr in YSGG laser crystals 94428
Michelfelder, S. *see* Eitz, A.W. 53923

Micheli, A.L. *see* Catalan, A.B. 80901
Micheli, E.De *see* De Micheli, E.
Micheli, G.De *see* De Micheli, G.
Micheli, M.P.De *see* De Micheli, M.P.
Micheli, V. *see* Malina, V. 71213
Micheli-Tzanakou, E. *see* Woogon Chung 95648
Michelis, G.De *see* De Michelis, G.
Michell, N. *see* Gopalakrishnan, G. 92076
Michell, N. *see* Toda, K. 93561
Michelmann, R.W. *see* Markwitz, A. 93073
Michelotti, F., Morelli, M., Cataldo, F., Petrocco, G., Bertolotti, M. Grating coupling to polymer optical waveguides 56390
Michels, M. *see* Horster, P. 73687
Michels, R. *see* Bayruns, R. 93539
Michels, R. *see* Scheinberg, N. 61835
Michelson, A.M., Rosen, G. The performance of a severely punctured convolutional code, some high rate distance-two block codes, and a Hamming code with maximum likelihood decoding 51345
Michelson, P. *see* Little, J.W. 59395
Michenaud, J.-P. *see* Gillot, C. 93747
Michet, D. *see* Rosolen, C. 86642
Michie, C. *see* Lecot, C. 52937
Michiel, H. *see* Domingo, J. 57940
Michieletto, G. *see* Benvenuto, N. 84551
Michiels, P.-P. *see* Leguijt, C. 94252
Michiels, P.-P. *see* Weeber, A.W. 81491
Michielsen, K. *see* De Raedt, H. 72245
Michielssen, E. *see* Jandhyala, V. 61217
Michigami, T., Koranagi, K. The improvement of power system stability of an adjustable-speed pumped-storage generator/motor 99975
Michihira, M. *see* Hamada, S. 100226
Michikami, O. *see* Nagai, Y. 92513
Michikami, O. *see* Suzuki, N. 50438
Michikami, O. *see* Suzuki, N. 93906
Michikami, O. *see* Tsuru, K. 72201
Michikami, O. *see* Tsuru, K. 92554
Michimura, S. *see* Suzuki, Y. 78545
Michinaka, S. *see* Demura, T. 92280
Michinaka, T., Ohguchi, Y. Development of a 3D simulator for hyperthermia with finite difference method 53365
Michinel, H. Bistable bright solitons in a non-linear monomode step-index optical fibre 83326
Michinel, H., de la Fuente, R., Linares, J. Temporal modulation of spatial optical solitons 63946
Michizono, S. *see* Fukuda, S. 67166
Michizono, S. *see* Saito, Y. 93696
Michler, E. *see* Albinus, C. 58311
Michler, P. *see* Harle, V. 55624
Mickelsen, R.A. *see* Chen, W.S. 100496
Mickelson, A.R. *see* Biernacki, P. 82876
Mickelson, A.R. *see* Biernacki, P. 98250
Mickelson, A.R. *see* Chon, J.C. 94651
Mickelson, A.R. *see* Weitzman, P.S. 51158
Mickelson, R.L., Yeh, K.C., Argo, P.E., Fitzgerald, T.J. A Rayleigh fading channel simulator 85209
Mickevicius, R. *see* Gaska, R. 81270
Mickevicius, S. *see* Galdikas, A. 87079
Micklich, B.J. *see* Delayen, J.R. 76302
Micocci, G., Tepore, A., Rella, R., Siciliano, P. Hall effect and impurity levels in lead doped indium selenide 49778
Micovic, M. *see* Malik, R.J. 61919
Micovic, M. *see* Schubert, E.F. 82835
Micu, D. Comparison between the Tugulea method of analytic synthesis and a numerical synthesis method 51013
Micu, D. Contributions to electromagnetic field synthesis by the method of regularisation of degenerate systems 51014
Middelburg, K. *see* Bouma, W. 96862
Middelhoek, S. Quo vadis silicon sensors? 58683
Middelhoek, S. *see* Aratani, K. 56413
Middelton, F. *see* Fisher, M.V. 88288
Middendorf, M. *see* Dunn, C. 61695
Middlehurst, R.J., Guran, O. PGA socket meets high speed devices' requirements 80962
Middleton, B.K. *see* Loze, M.K. 50375
Middleton, B.K. *see* Stupp, S.E. 50325
Middleton, D. *see* Sullivan, E.J. 95420
Middleton, F. *see* Hochst, H. 87744
Middleton, J. *see* Scherrer, D. 86239
Middleton, J.R. *see* Apostolakis, P.J. 70874
Middleton, R. *see* Song, J. 87123
Middleton, R.H. *see* Wang, Y. 68139
Middleton, R.H. *see* Youyi Wang 89075
Middo, K. *see* Martin, R. 77145
Middya, A.R., Ray, S. Influence of deposition rate and hydrogen/helium dilution on the structural relaxation of a-SiGe:H network prepared at low substrate temperature 61375
Mideke, M. *see* Mielke, T.A. 94819
Midgley, J.H. Comments on "Optical spectra of a semiconductor laser with incoherent optical feedback" 83068
Midkiff, S.F. *see* Bollinger, S.W. 92078
Midrio, M. *see* Franco, P. 72752
Midrio, M. *see* Romagnoli, M. 56345
Midwinter, J.E. WDM networks 65796
Midwinter, J.E. *see* Sabry, M. 97286
Miebach, J. Lean picking—the answer to increasing pressure of costs: techniques, strategies and cost comparisons 79291
Miedema, A.K. *see* Wood, L.L. 68134
Miedlar, M.J., Koenig, W. Automatic code generation for aerodynamic/math models 88643
Miedzinski, B. *see* Bakowski, P. 90274
Miehe, J.A. *see* Cunin, B. 50157
Miekina, A., Morawski, R.Z. Incorporation of the positivity constraint into a Tikhonov-method-based algorithm of measurand reconstruction 75882
Miekina, A., Morawski, R.Z., Podgorski, A. Dynamic reconstruction of measurands and calibration of measuring systems 86964
Mielczarski, W., Zajaczkowski, A.M. Nonlinear field voltage control of a synchronous generator using feedback linearization 100080
Miele, G. *see* Fedele, R. 66904
Miele, G. *see* Fedele, R. 66905
Mielke, N. *see* Ong, T.C. 70497
Mielke, P.W., Jr. *see* Berry, K.J. 69667
Mielke, T.A., Mideke, M. Anomalous-noise from whistlers and radio atmospherics due to quasi-transverse electromagnetic mode propagation of VLF signals in the Earth-ionosphere waveguide 94819
Mieno, F., Sukegawa, T.S., Lizuka, J., Miyata, H., Nomura, H., Tsukune, A., Furumura, Y. Thermally deposited amorphous silicon 70149
Mientus, R. *see* Ellmer, K. 61409
Mientus, R. *see* Ellmer, K. 79918
Mier, M.G. *see* Look, D.C. 79787
Miericke, J.L. *see* Bachelier, P. 88714
Mierop, A. *see* Centen, P. 97689
Miertusova, J. *see* Bernardini, M. 87647
Mierzwiak, K.-H. *see* Guttenberger, M. 57272
Mierzwinski, M.E., Plummer, J.D., Croke, E.T., Iyer, S.S., Harrell, M.J. AC characterization and modelling of the Ge_xSi_{1-x}/Si BICFET 61928
Miesak, E.J. *see* Yanovsky, V.P. 63729
Miesner, J.E., Teter, J.P. Piezoelectric/magnetostrictive resonant inchworm motor 90050
Mieth, U. *see* Osten, W. 75852
Miethig, M. *see* Lula, J.J. 76087
Mieville, J.-P., Ouisse, T., Cristoloveanu, S., Forro, L., Revil, N., Dutoit, M. Observation of nonstationary transport in deep submicron n-channel metal-oxide-semiconductor transistors with Shubnikov-de Haas oscillations 50017
Mieville, J.-P. *see* Dutoit, M. 71694
Mieville, J.-P. *see* Zhongming Shi 71655
Miftakhov, N.M. *see* Baublis, V.V. 59244
Migal, V.P. *see* Bykov, A.A. 81326
Migal, V.P. *see* Bykov, A.A. 82002
Migal, V.P. *see* Zagoruiko, Yu.A. 56848
Migaud, P. Joint application of passive infrared and active millimeter wave to weapon guidance 53582
Migdal, W. *see* Maciszewski, W. 87638
Migita, K. *see* Nakada, T. 61352
Migita, K. *see* Nakada, T. 100655
Migita, M., Taike, A., Momose, M., Gotoh, J. Blue-green light-emitting diodes with p-ZnSSe highly doped with nitrogen grown by metalorganic molecular beam epitaxy and molecular beam epitaxy 72629
Migita, T. *see* Takahashi, H. 61705
Migitaka, M. *see* Maeda, Y. 83333
Migitaka, M. *see* Yamamoto, S. 91633
Migliaccio, M., Riccio, D. Fractal Brownian Model for SAR image analysis: edge detection and classification issues 67758
Migliardi, P. *see* Delfino, B. 68158
Migliaro, M.W. *see* Alber, G. 60418
Migliora, C.G. *see* Chaves, M.B.F. 73437
Migliorati, P., Pedersini, F., Sorcinelli, L., Tubaro, S. Semantic segmentation applied to image interpolation in the case of camera panning and zooming 84946
Migliorato, P. *see* Fortunato, G. 50001
Migliorato, P. *see* Hai-Gang Yang 61576
Migliori, A. *see* Fanti, V. 76788
Migliozzi, P. *see* Buontempo, S. 53296
Migliozzi, P. *see* Buontempo, S. 98502
Mignardi, M.A. Digital micromirror array for projection TV 75726
Mignogna, R.B. *see* Kline, R.A. 91656
Mignone, V. *see* de Bot, P.G.M. 97550
Mignot, P. *see* Levy Vehel, J. 64761
Mignot, V. *see* Bourhis, J.F. 82703
Mignotte, M., Glesser, P. On the smallest divisor of a polynomial 69807
Miguel, J.L.de *see* de Miguel, J.L.
Miguel, M.S. *see* Hernandez-Garcia, E. 63768
Miguel, M.San *see* San Miguel, M.
Miguel, T.De *see* De Miguel, T.
Miguel Silveira, L., Elfadel, I.M., White, J.K., Chilukuri, M., Kundert, K.S. An efficient approach to transmission line simulation using measured or tabulated S-parameter data 94887
Mihaila, B. *see* Mester, A. 62144
Mihailescu, I.N., Chitica, N., Lita, A., Teodorescu, V.S., Luches, A., Leggieri, G., Martino, M., Majni, G., Mengucci, P. Simultaneous formation of titanium nitride and titanium silicide in a one-step process in heterogeneous phase during multipulse laser treatment of a Si wafer with a thin Ti coating in superatmospheric N_2 93189
Mihailescu, M. *see* Dascalescu, L. 64105
Mihailov, S.J., Gower, M.C. Recording of efficient high-order Bragg reflectors in optical fibres by mask image projection and single pulse exposure with an excimer laser 56329
Mihailovich, R.E., Zhang, Z.L., Shaw, K.A., MacDonald, N.C. Single-crystal silicon torsional resonators 58743
Mihajlovic, M.D. *see* Milovanovic, E.I. 69843
Mihalache, D., Baboiu, D.-M., Ciumac, M., Mazilu, D. Propagation and stability of the stationary stripe nonlinear guided waves in a symmetric structure with a nonlinear film 50923
Mihalache, D., Baboiu, D.-M., Ciumac, M., Torner, L., Torres, J.P. Guided waves in anisotropic antiguide structures 56389
Mihalache, D., Baboiu, D.-M., Mazilu, D. Propagation effects in nonlinear strip optical waveguides 73438
Mihalache, D., Baboiu, D.-M., Mazilu, D., Torner, L., Torres, J.P. Gaussian-beam excitation and stability of three-dimensional nonlinear guided waves 72376
Mihalache, D., Panoiu, N.-C., Truta, N., Moldoveanu, F. Femtoseconds single-soliton solutions of the perturbed nonlinear Schrodinger equations describing pulse propagation in optical fibers 63365
Mihalache, D. *see* Ciumac, M. 94160
Mihalache, D. *see* Torner, L. 64183
Mihalcioiu, F. *see* Hopirtean, E. 66717
Mihalczo, J.T. *see* Chiles, M.M. 87971
Mihalczo, J.T. *see* McElhaney, S.A. 58992
Mihalik, J. Scalar-vector quantizers 95579
Mihalik, M., Matas, S., Hrabcak, M., Kim-Ngan, N.H., Menovsky, A.A. Susceptibility and specific heat of $CeRu_2Si_2$ doped with U 71986
Mihaljevic, V.G. *see* Scherer, G.B. 98911
Mihaly, S. *see* Doka, T. 75547
Mihaly, S. *see* Doka, T. 75638
Mihara, M., Nakayama, T., Ohkawa, M., Kawai, S., Miyawaki, Y., Terada, Y., Ohi, M., Onoda, H., Ajika, N., Hatanaka, M., Miyoshi, H., Yoshihara, T. Row-redundancy scheme for high-density flash memory 92227
Mihara, M. *see* Hamamoto, T. 92219
Mihara, M. *see* Miyawaki, Y. 70526
Mihara, M. *see* Nakayama, T. 55257
Mihara, T., Watanabe, H., Paz de Araujo, C.A. Polarization fatigue characteristics of sol-gel ferroelectric $Pb(Zr_{0.4}Ti_{0.6})O_3$ thin-film capacitors 82139
Mihara, T., Watanabe, H., Paz de Araujo, C.A. Characteristic change due to polarization fatigue of sol-gel ferroelectric $Pb(Zr_{0.4}Ti_{0.6})O_3$ thin-film capacitors 92641
Mihara, T. *see* Hoshi, M. 55976
Mihara, T. *see* Scott, J.F. 61938
Mihashi, Y., Goto, K., Ishimura, E., Miyashita, M., Shimura, T., Nishiguchi, H., Kimura, T., Shiba, T., Omura, E. Long-wavelength receiver optoelectronic integrated circuit on 3-inch-diameter GaAs substrate grown by InP-on-GaAs heteroepitaxy 63606
Mihashi, Y., Miyashita, M., Kaneno, N., Tsugami, M., Fujii, N., Takamiya, S., Mitsui, S. Influence of oxygen on the threshold current of AlGaAs multiple quantum well lasers grown by metalorganic chemical vapor deposition 72805
Mihashi, Y. *see* Goto, K. 93024
Mihaychuk, J. *see* Zhao, L. 56655
Mihelic, R. *see* Shu, Q.S. 87932
Mihill, A. *see* Zhe Qu 88290
Mihnea, A. *see* Lee, D.J. 70524
Mihovsky, M.K., Tzonev, T.P. Brass turnings processing in plasma induction furnace 69256
Mii, T., Kleinhenz, R., Noble, W., Johnson, J., Bryant, A., Jaffe, M. First experimental verification of collection length limited gate induced drain leakage 62813
Mii, T. *see* Ferguson, R. 71450
Mii, T. *see* Nesbit, L. 92191
Mii, Y., Rishton, S., Taur, Y., Kern, D., Lii, T., Lee, K., Jenkins, K., Quinlan, D., Brown, T., Jr., Danner, D., Sewell, F., Polcari, M. High performance 0.1 μm nMOSFETs with 10 ps/stage delay (85 K) at 1.5 V power supply 71677
Mii, Y., Wind, S., Taur, Y., Lii, Y., Klaus, D., Bucchignano, J. An ultra-low power 0.1 μm CMOS 71804
Mii, Y. *see* Taur, Y. 62851
Mii, Y.J. *see* Taur, Y. 93612
Miike, H. *see* Nakajima, K. 88444
Miike, H. *see* Nomura, A. 57797
Miikkulainen, R. *see* Leow, W.K. 64807
Miinfeng Xu, Waynert, J.A. Two-dimensional magnetic sensitivity to asymmetric and symmetric deviations for SSC quadrupole magnets 87681
Miinster, F. *see* Hermes, T. 98154
Mijailovic, S. *see* Popovic, D. 68019
Mijalkovic, S. *see* Pantic, D. 49836
Mijic, G. *see* Benedetto, S. 82684
Mijnarends, P.E., Janssen, G.J.M., Sinke, W.C. The effect of material inhomogeneities on the characteristics of semicrystalline silicon solar cells: the second diode 78834
Mijuskovic, D., Bayer, M., Chomicz, T., Garg, N., James, F., McEntarfer, P., Porter, J. Cell-based fully integrated CMOS frequency synthesizers 49198
Mijuskovic, N. Up-dating of costs in the planning of the electric power system 68160
Mijuskovic, N.A. Reliability indices for electric-power wheeling 78012

Mika, L.J. *see* Busta, H.H. 92844
Mikac, B., Sever, Z. Software tool for telecommunication network oriented algorithm design and application 96280
Mikado, T. *see* Ohgaki, H. 87963
Mikado, T. *see* Yamazaki, T. 94544
Mikaelian, A.L., Salakhutdinov, V.K. Reprogrammable interconnects based on overrecordable holograms 56497
Mikaelian, A.L. *see* Shkitin, V.A. 50587
Mikaelyan, A.L. *see* Grebenev, V.N. 88135
Mikami, H. *see* Kubota, T. 78601
Mikami, M., Kwang-Soon Park, Noda, Y., Furukawa, Y. Radical-assisted metalorganic chemical vapor deposition of ZnSe 61386
Mikami, N. *see* Horikawa, T. 49436
Mikami, N. *see* Kawahara, T. 93705
Mikami, N. *see* Kuroiwa, T. 93710
Mikami, N. *see* Sato, B.K. 56165
Mikami, O. *see* Magari, K. 63796
Mikami, O. *see* Suzuki, Y. 82672
Mikami, T. *see* Miyake, K. 53235
Mikami, T. *see* Murakami, H. 67607
Mikami, Y., Nagae, Y., Mori, Y., Kuwabara, K., Saito, T., Hayama, H., Asada, H., Akimoto, Y., Kobayashi, M., Okazaki, S., Asaka, K., Matsui, H., Nakamura, K., Kaneko, E. A new patterning process concept for large-area transistor circuit fabrication without using an optical mask aligner 53000
Mikami, Y. *see* Mizukami, M. 93634
Mikata Yuu-Ichi *see* Yuu-Ichi Mikata
Mikawa, M. *see* Sato, H. 60310
Mikawa, T. *see* Kanno, I. 88088
Mikazuki, T., Matsui, N. Statistical design techniques for high-speed circuit boards with correlated structure distributions 62003
Mikazuki, T., Yasuda, K., Sugiura, N., Oka, H. High-speed data transmission in a rack system with coaxial board connectors 60967
Mikazuki, T. *see* Hayashi, T. 82512
Mikazuki, T. *see* Sasaki, M. 49704
Mikerov, A.G. *see* Astakhov, D.S. 60495
Mikerov, V.I., Zhitnik, I.A., Ignat'ev, A.P., Isakov, A.I., Korneev, V.V., Krutov, V.V., Kuzin, S.V., Oparin, S.N., Pertsov, A.A., Podolyak, E.R., Sobel'man, I.I., Tindo, I.P., Tukarev, V.A. High-resolution neutron tomography 74015
Mikhael, W.B., Ramaswamy, A. Application of multitransforms for lossy image representation 74333
Mikhailin, V.V. *see* Kamenskikh, I.A. 88042
Mikhailov, A.O. *see* Dovgun, V.P. 70340
Mikhailov, B.V. *see* Grigor'ev, V.A. 87257
Mikhailov, K. *see* Akimov, V. 53300
Mikhailov, M.A. Active decay time constant shaping in resistive feedback charge preamplifiers 53354
Mikhailov, N. *see* Kuchinski, V. 93978
Mikhailov, V.A. *see* Vasilev, A.B. 50893
Mikhailov, V.I. *see* Grinenko, S.G. 87345
Mikhailov, V.N., Adamov, E.O. Nuclear energy in Russia: realities and outlooks 89441
Mikhailov, V.P. *see* Demchuk, M.I. 83305
Mikhailov, V.P. *see* Kalashnikov, V.L. 56689
Mikhailov, V.P. *see* Kalashnikov, V.L. 63689
Mikhailov, V.P. *see* Kalashnikov, V.L. 63712
Mikhailov, V.P. *see* Kalashnikov, V.L. 63734
Mikhailov, V.P. *see* Kalashnikov, V.L. 82971
Mikhailov, V.P. *see* Kalashnikov, V.L. 83281
Mikhailov, V.P. *see* Kalosha, V.P. 73114
Mikhailov, Yu.V. *see* Kozelov, A.V. 87860
Mikhailov, Yu.V. *see* Kozelov, A.V. 88253
Mikhailova, A.G. *see* Kalyashova, Z.N. 56971
Mikhailova, E.A. *see* Bulatov, N.G. 77466
Mikhailova, I.R. *see* Malov, S.N. 94664
Mikhailova, M.P., Titkov, A.N. Type II heterojunctions in the GaInAsSb/GaSb system 71166
Mikhailyuk, V.V. *see* Demin, N.S. 58615
Mikhalev, N.I. *see* Akindinov, V.V. 83646
Mikhalev, V.L. *see* Sikorskii, A.E. 99756
Mikhalev, V.L. *see* Sikorskii, A.Y. 53842
Mikhalevich, M.V. Remarks on the Dyer-Saaty controversy [analytic hierarchy process] 79551
Mikhalevsky, P. *see* Lee, Y.P. 97446
Mikhalko, I.P. *see* Mikla, V.I. 92966
Mikheenko, L.A. *see* Potyrailo, R.A. 98157
Mikheev, A.A. *see* Alimov, O.A. 87330
Mikheev, L.D. *see* Knecht, B.A. 82908
Mikhelson, K.N. Ion-selective electrodes in PVC matrix 58664
Mikheyev, P.A., Shepelenko, A.A., Zaikin, A.P. Aberration sensitivity of unstable resonator with semitransparent output coupler 83215
Mikheyev, S.P. *see* Barabanov, I.R. 59170
Mikhlyaev, S.V. Optical matrix systems of parallel optoelectronic switches 86015
Mikhnevich, V.V. *see* Buinov, N.S. 58760
Mikhovski, M., Popov, A., Kirov, A. Nondestructive testing as a diagnostic information system 55013
Miki, H., Ohji, Y. Uniform ultra-thin $Pb(Zr,Ti)O_3$ films formed by metal-organic chemical vapor deposition and their electrical characteristics 91570
Miki, H. *see* Sasagawa, K. 54104
Miki, H. *see* Watanabe, H. 81177
Miki, I., Kumano, T., Yamada, T. Auto-tuning method based on fuzzy reasoning for speed controller in vector-controlled induction motor drives 60236
Miki, I. *see* Matsuse, K. 68633
Miki, K. *see* Liu, X.F. 70044
Miki, K. *see* Matsuhata, H. 79831
Miki, K. *see* Matsuhata, H. 81315
Miki, K. *see* Sakamoto, K. 61245
Miki, N., Takemura, K., Nagai, N. A short-time speech analysis method with mapping using the Fejer kernel 64398
Miki, N. *see* Matsuzaki, H. 51426
Miki, N. *see* Onoda, T. 52546
Miki, N. *see* Ren, J. 62628
Miki, N. *see* Sanada, H. 81995
Miki, S., Moriya, T., Mano, K., Ohmuro, H. Pitch synchronous innovation CELP (PSI-CELP) 51425
Miki, S., Moriya, T., Mano, K., Ohmuro, H. Basic algorithm of pitch synchronous innovation CELP (PSI-CELP) speech coding 57417
Miki, S. *see* Goto, K. 52323
Miki, S. *see* Moriya, T. 51420
Miki, S. *see* Moriya, T. 57420
Miki, S. *see* Ohmuro, H. 51369
Miki, S. *see* Yabuki, N. 95736
Miki, T. Fiber-optic access networks and services 65761
Miki, T. Photonic networks 65846
Miki, T., Kouno, H., Kumamoto, T., Kinoshita, Y., Igarashi, T., Okada, K. A 10-b 50 MS/s 500-mW A/D converter using a differential-voltage subconverter 49507
Miki, T., Matsui, Y., Teraoka, Y., Ebina, Y., Matsubara, K., Kishimoto, K. Point defects and thermoelectric properties of iron disilicide ceramics sintered with SiH_4-plasma-processed micrograins 81265
Miki, T. *see* Ito, M. 92321
Miki, T. *see* Kouno, H. 70709
Miki, T. *see* Nakamura, Y. 55316
Miki, T. *see* Ohya, T. 57419
Miki, T. *see* Okumura, Y. 58246
Miki, T. *see* Yamakawa, T. 49559
Miki, Y., Onae, A., Kurosawa, T., Akimoto, Y., Sakuma, E. Frequency chain to 3.39 μm CH_4-stabilized He-Ne laser using Josephson point contact as harmonic mixer 56612
Miki, Y. *see* Okumura, Y. 58246
Miki, Y. *see* Onae, A. 63626
Miki, Y. *see* Shiota, F. 86985
Mikkelsen, B. *see* Braagaard, C. 72665
Mikkelsen, B. *see* Braagaard, C. 72881
Mikkelsen, B. *see* Wang, Z. 50762
Mikkelsen, K. *see* Jones, P. 55690
Mikkelsen, S.D. *see* Bak-Jensen, B. 55032
Mikkonen, R. *see* Makinen, H. 72268
Mikla, V.I., Mikhalko, I.P., Yu Yu Nagy Study of trapping in Sb_xSe_{1-x} amorphous semiconductors 92966
Mikla, V.I., Rubish, V.M. Effect of Sb additives on electron mobility in amorphous selenium 49785
Mikli, N., Wiseman, G.H. ZnO overvoltage limiters in plastic insulators 61960
Miklich, A.H., Koelle, D., Shaw, T.J., Ludwig, F., Nemeth, D.T., Dantsker, E., Clarke, J., Alford, N.McN., Button, T.W., Colclough, M.S. Low-frequency excess noise in $YBa_2Cu_3O_{7-x}$ DC superconducting quantum interference devices cooled in static magnetic fields 63312
Miklich, A.H. *see* Ludwig, F. 56252
Miklich, A.H. *see* Wellstood, F.C. 97906
Miklius, W. *see* Ping Sun Leung 78022
Miklos, A., Bozoki, Z., Jiang, Y., Feher, M. Experimental and theoretical investigation of photoacoustic-signal generation by wavelength-modulated diode lasers 63828
Miklos, R. *see* Sanghera, J.S. 63419
Miklos, R.E. *see* Sanghera, J.S. 98029
Mikolajski, T. *see* Belolaptikov, I.A. 59156
Mikolas, D. *see* Mercer, D.J. 87998
Mikolaschek, A. Process-integrated monitoring of quality when grinding rotation-symmetrical precision parts 69583
Mikoshiba, S. Color plasma displays: where are we now? 98234
Mikropoulos, P.N., Stassinopoulos, C.A. Influence of humidity on the breakdown mechanism of medium length rod-plane gaps stressed by positive impulse voltages 89383
Mikrut, M. *see* Janiczek, R. 79159
Miksad, R.W. *see* Kiho Kim 57613
Miksis, M.J. *see* Bankoff, S.G. 88702
Mikulan, P.I. *see* Awadelkarim, O.O. 81479
Mikulec, J. *see* Ricny, V. 59508
Mikulevicius, R., Rozovskii, B.L. Separation of observations and parameters in nonlinear filtering 84328
Mikuriya, K. *see* Matsuno, G. 98163
Milan, M. *see* Ostinelli, A. 99018
Milan, S.E., Jones, T.B., Warrington, E.M., Reeves, G.D. Observations of substorm associated absorption events on a 3200 km high latitude HF propagation path 94827
Milanese, F. Hydroelectric machinery in Italy: 90 years of evolution 53958
Milanese, R., Wechsler, H., Gill, S., Bost, J.-M., Pun, T. Integration of bottom-up and top-down cues for visual attention using non-linear relaxation 84686
Milanesi, S. *see* Rovetta, A. 88527
Milanesio, D., Sardella, V. Computer simulation of SCM systems for digital TV distribution on passive optical networks 58427
Milanesio, D., Sardella, V. Computer simulation of SCM systems for digital TV distribution on passive optical networks 86755
Milanez, D.L., Miskulim, M.S. The instantaneous complex power applied to three-phase machines 68591
Milani, E. *see* Epifani, M. 66369
Milanicz, D.P. *see* Adibi, M.M. 60176
Milanicz, D.P. *see* Adibi, M.M. 89016
Milano, L. *see* Barone, F. 97824
Milazzo, M. *see* Silari, M. 59216
Milbrodt, M.A. *see* Adar, R. 63427
Milburn, H. *see* Illman, J. 97490
Milburn, H. *see* Meinig, C. 99131
Milburn, J.E. *see* Koo, Y.M. 76665
Milburn, P.S., Pardoe, B.H. Investigation of the efficiency of multi-variable block transforms for motion compensation 95813
Milcent, E., Olalde, G., Robert, J.F., Hernandez, D., Clement, M. Influence of high temperatures on a fiber-optic probe for temperature measurement 87246
Milczarek, E., Schwelb, O. Feedback assisted optical couplers 94139
Mildner, D.F.R. *see* Chen, H. 53109
Mildner, D.F.R. *see* Chen, H. 59026
Mileant, A., Hinedi, S. Overview of arraying techniques for deep space communications 58367
Miledin, V.K. *see* Markin, V.V. 69154
Miledin, V.K. *see* Zubkov, Yu.A. 78895
Milenin, M.B. *see* Belolaptikov, I.A. 59156
Milenin, V.V., Konakova, R.V., Statov, V.A., Sklyarevich, V.E., Tkhoryk, Yu.A., Filatov, M.Yu., Shevelev, M.V. Physical-chemical processes at the interface of Au/Pt/Cr/Pt/GaAs contacts subjected to a microwave anneal 55654
Milenkovic, P. *see* Guo, Q. 88375
Miler, M. Photoresist as a recording material for holographic elements 64023
Miles, D.M. *see* Borriello, G. 59448
Miles, D.R. *see* Cheveau, L. 97530
Miles, F.M., Danak, R.K., Wilson, T.G., Suranyi, G.G. Market trends toward enhanced control of electronic power systems 49143
Miles, J. *see* Arnaudon, L. 66851
Miles, J. *see* Bailey, R. 76434
Miles, J.J. *see* Stupp, S.E. 50325
Miles, J.W. *see* Hayward, T.L. 58790
Miles, K. *see* Murphy, D. 85613
Miles, P. *see* Korzekwa, D.A. 63277
Miles, P.K. *see* Riley, G.N., Jr. 63271
Miles, R. *see* Cheveau, L. 52674
Miles, R.E. *see* Collins, C.E. 87495
Miles, R.E. *see* Perkins, J.H. 55651
Miles, R.F., Jr. *see* Gindorf, T.E. 59438
Miles, R.H. *see* Youngdale, E.R. 55599
Miles, R.H. *see* Youngdale, E.R. 62246
Miles, R.J. *see* Swenberg, J.F. 72633
Milewski, M.S., Morawski, R.Z., Szczecinski, L. Comparative study of some iterative and variational algorithms of measurand reconstruction 75883
Miley, H.S. Monte Carlo calculations of low background detector response 98578
Miley, H.S. *see* Avignone, F.T. 67288
Miley, H.S. *see* Hensley, W.K. 98629
Milford, C. *see* Pye, S.D. 67621
Milgrome, O.B., Kleinfelder, S.A. A monolithic CMOS 16 channel, 12 bit, 10 microsecond analog to digital converter integrated circuit 62992
Milham, C.D. Structure and magnetic properties of mechanically alloyed $SmFe_2$ 63172
Milham, D.J., Pai, D. OMNIPoint: the implementation version of telecommunication management networks? 51984
Milhelich, P. *see* Sundararaman, C.S. 49828
Mili, L., Cheniae, M.G., Rousseeuw, P.J. Robust state estimation of electric power systems 67992
Mili, L. *see* Baldwin, T.L. 59673
Mili, L. *see* Bikdash, M. 77858
Milic, M., Kandic, D. A novel canonic, bipolynomial analogue filter configuration with a minimum number of common-ground capacitors 70728
Milic, O. *see* Axelrad, V. 71510
Milicevic, P. Some elements of selection of local computer-aided networks 74917
Miliczek, K.-D. *see* Jacobi, P.C. 67539
Milikh, G.M., Freeman, M.J., Duncan, L.M. First estimates of HF-induced modifications of the D region by the HF Active Auroral Research Program facility 94820
Milin, Z. *see* Sipus, Z. 73507
Milind Weling *see* Pramanik, D. 71416
Milios, E.E. *see* Feng Lu 57762
Militsin, B.L. *see* Anashin, V.V. 76538
Militsyn, B. *see* Danilov, V. 87823
Miljanic, P.N. Power and energy meters and their calibration 89400
Miljanic, P.N. *see* So, E. 86933
Miljanic, Z. *see* Cimini, L.J. 86126
Miljevic, V.I. Some characteristics of a cylindrical mesh hollow-cathode magnetron ion source 53266

Milker, R. The quick way to the prototype board: how to produce printed circuits automatically 81045
Milkove, K.R. *see* Tiwari, S. 63858
Milkove, K.R. *see* Tiwari, S. 72791
Milkovic, M. *see* Lin, J.-Y.G. 97939
Milkovich, C.S., Gaynes, M.A., Perkins, J.S. Double sided flexible carrier with discretes and thermally enhanced FCA/COF 91007
Mill, C.S. *see* Geake, J.E. 53063
Mill, H.F. Simplifying the implementation of QFD 54563
Mill, J.D. Midcourse space experiment (MSX), an overview of the instruments and data collection plans 77122
Millack, T. *see* Maquet, A. 73069
Millaire, A., Hossein-Foucher, C., Rousseau, J., Bedoui, H., Ducloux, G., Marchandise, X. A miniature cesium iodide-photodiode detector for ambulatory monitoring of left ventricular function 67468
Millan, F.R. Machines for placing SMD components 55477
Millan, J. *see* Flores, D. 81927
Millan, J. *see* Hidalgo, S. 50030
Millan, W., Dawson, E.P., O'Connor, L.J. Cryptanalysis of tree-structured ciphers 64273
Millane, R.P. Analytic properties of the Hartley transform and their implications 48742
Millane, R.P. Uniqueness and sampling conditions for image reconstruction from the Hartley-transform intensity 74405
Millar, B. *see* Xiaoyuan Zhu 95346
Millar, C. *see* Auge, J. 50759
Millar, C.E., Pedersen, L., Wolny, W.W. Hydrothermally processed piezoelectric and electrostrictive ceramics 61417
Millar, C.E., Wolny, W.W., Pardo, L. Hydrothermal synthesis of modified lead titanate powders 50134
Millar, C.E. *see* Pardo, L. 56143
Millar, I., Spracklen, C.T. Broadcast routing for fault tolerance in local area networks 51816
Millar, I., Spracklen, C.T. Simulation analysis of a continuously adaptive routing protocol in the presence of faults 52128
Millar, J., Barnett, T.G. A low-noise optically isolated preamplifier for use with extracellular microelectrodes 77030
Millar, K. Cellular essentials for wireless data transmission 52360
Millard, K. *see* Sherlock, B.G. 51550
Millen, J. *see* Kemmerer, R. 57371
Millen, W.F. OSI group communication support for a date planning application 52198
Miller, A. From here to ATM 74916
Miller, A. *see* Borota, M. 75375
Miller, A. *see* Li Kam Wa, P. 72776
Miller, A. *see* Wang, H.S. 82976
Miller, A.E. *see* Bandyopadhyay, S. 93520
Miller, A.J. *see* Redaelli, G. 77398
Miller, A.J.V., Dewe, M.B. Harmonic measurements made on the upgraded New Zealand inter-island HVDC transmission system 78065
Miller, A.R. *see* Jong-Sen Lee 73970
Miller, A.R. *see* Jong-Sen Lee 88862
Miller, A.R. *see* Lee, J.S. 77220
Miller, A.R. *see* Moskowitz, I.S. 57317
Miller, B. *see* Whitacre, J. 100660
Miller, B.H. *see* Tondra, M. 71979
Miller, B.I. Properties of compressive and tensile strain compensated InGaAsP/InP quantum well laser structures 56815
Miller, B.I. *see* Coleman, J.J. 63769
Miller, B.I. *see* Dudley, J.J. 56807
Miller, B.I. *see* Froberg, N.M. 97318
Miller, B.I. *see* Heismann, F. 50712
Miller, B.I. *see* I-Hsing Tan 87184
Miller, B.I. *see* Jianhui Zhou 83289
Miller, B.I. *see* Kim, I. 56764
Miller, B.I. *see* Kim, I. 63466
Miller, B.I. *see* Koren, U. 94197
Miller, B.I. *see* Raybon, G. 75508
Miller, B.I. *see* Verdiell, J.-M. 86362
Miller, B.I. *see* Zhou, J. 56918
Miller, B.I. *see* Zirngibl, M. 52598
Miller, B.W. *see* Carver, G.E. 61437
Miller, C.L. *see* Awan, A.A. 78426
Miller, C.M. High-speed digital transmitter characterization using eye diagram analysis 86991
Miller, C.M., Anderson, I.E., Smith, J.F. A viable tin-lead solder substitute: Sn-Ag-Cu 79301
Miller, C.M. *see* Hsu, K. 63721
Miller, C.M. *see* Hsu, K. 98041
Miller, D., Rose, K. Combined source-channel vector quantization using deterministic annealing 51353
Miller, D. *see* Landau, S. 83927
Miller, D. *see* Norwood, D. 92837
Miller, D. *see* Rose, K. 57400
Miller, D. *see* Rose, K. 95226
Miller, D. *see* Soderberg, B. 52131
Miller, D.A.B. Laser tuners and wavelength-sensitive detectors based on absorbers in standing waves 66335
Miller, D.A.B. *see* Cunningham, J.E. 56425
Miller, D.A.B. *see* von Plessen, G. 62267
Miller, D.J., Harris, J.S., Jr. 50 nm GaAs/AlAs wire structures grown on corrugated GaAs 55620
Miller, D.J., Lobb, J. Sharp variation in the magnetoresistance of a Si Schottky diode 81788
Miller, D.J. *see* Martinez-Davalos, A. 88382
Miller, D.L. *see* Wen-Yen Hwang 55726
Miller, D.M. Multiple-valued logic design tools 49250
Miller, D.M. Spectral transformation of multiple-valued decision diagrams 55243
Miller, D.M. *see* Walsh, P.A. 69773
Miller, D.R., Neikirk, D.P. Lattice Wigner simulations of quantum devices 62636
Miller, D.R. *see* Gullapalli, K.K. 93312
Miller, D.W., Hines, J.W., Hajek, B.K., Khartabill, L., Hardy, C.R., Haas, M.A., Robbins, L. Experience with the hierarchical method for diagnosis of faults in nuclear power plant systems 68376
Miller, D.W. *see* Hajek, B.K. 68394
Miller, E. *see* Ross, M.C. 76533
Miller, E.F. *see* Wu, W.W. 86136
Miller, E.K. PCs for AP other EM reflections 51438
Miller, E.K. PCs for AP and other EM reflections 64050
Miller, E.K. *see* Burke, G.J. 73480
Miller, E.L., Willsky, A.S. Wavelet transforms and multiscale estimation techniques for the solution of multisensor inverse problems 57580
Miller, G.A. *see* Stevens, A.E. 70785
Miller, G.A. *see* Stevens, A.E. 80428
Miller, G.E. *see* Luongo, C.A. 94002
Miller, G.J. *see* Gabler, A.R. 67416
Miller, H.C., Radzykewycz, D.T., Jr., Hager, G. An optically pumped mid-infrared HBr laser 94339
Miller, H.S. The board industry, 1943-1993-2043 market technology interactions 81053
Miller, I., Fendrykowski, S., Montgomery, J., Hurley, B., McKee, T. Optimizing Q-switched performance of a diode pumped Nd:YAG laser 56679
Miller, J., Riehle, C., Schwab, A.J., Loffler, F. Numerical field calculation in electrostatic precipitators with regard to equivalent electrical operating conditions 94747
Miller, J. *see* Arrington, K. 88112
Miller, J. *see* Arrington, K. 98564
Miller, J. *see* Boghosian, H.A. 82489
Miller, J. *see* Bonito-Oliva, A. 94025
Miller, J. *see* Brown, D. 59084
Miller, J. *see* Davidson, A. 81222
Miller, J. *see* Graves, B.R. 94336
Miller, J. *see* Martinez, E.C. 55922
Miller, J. *see* Williams, J.E.C. 82412
Miller, J. *see* Zeitlin, C.J. 87954
Miller, J.A., Jumper, E.J. Role of mixing in the chemical oxygen-iodine laser reactions 63631
Miller, J.F., Shugars, H.G. Applying ex-core fission chamber technology to reactor protection systems in European pressurized water reactors. A comparative analysis 67295
Miller, J.H., Jr., Gunaratne, G.H., Zou, Z., Davis, M.F., Rampersad, H.R., Fan, N.-Q., Wolfe, J.C. Magnetic properties of one-dimensional parallel arrays of Josephson junctions 93939
Miller, J.H., Jr., Gunaratne, H., Zou, Z., Davis, M.F., Rampersad, H.R., Wolfe, J.C. Phase coherence in the hysteretic magnetic behavior of parallel Josephson-junction arrays 72225
Miller, J.J.H., Wang, S. A tetrahedral mixed finite element method for the stationary semiconductor continuity equations 62635
Miller, J.L. *see* Bower, C.R. 98499
Miller, J.M. *see* Tianying Ren 67515
Miller, J.P. *see* Gozani, S.N. 67537
Miller, J.R., Bird, M.D., Bole, S., Bonito-Oliva, A., Eyssa, Y., Kenney, W.J., Painter, T.A., Schneider-Muntau, H.-J., Summers, L.T., van Sciver, S.W., Welton, S., Wood, R.J., Williams, J.E.C., Bobrov, S., Iwasa, Y., Leupold, M., Stejskal, V., Weggel, R. An overview of the 45-T hybrid magnet system for the new National High Magnetic Field Laboratory 82404
Miller, J.R. *see* Luongo, C.A. 94002
Miller, J.R. *see* Moss, C.E. 88318
Miller, J.R. *see* Moss, C.E. 98615
Miller, J.R. *see* Painter, T.A. 82446
Miller, J.R. *see* Peng Gong 77598
Miller, J.R. *see* Peng Gong 88866
Miller, J.R. *see* Rivard, B. 77295
Miller, J.S. Molecular/organic magnets—potential applications 63208
Miller, J.S. *see* Alexander, J.P. 59072
Miller, J.S. *see* Alexander, J.P. 70305
Miller, J.S. *see* Morin, B.G. 64163
Miller, J.W. A matrix equation approach to solving recurrence relations in two-dimensional random walks 91224
Miller, J.W. *see* Swanson, E.A. 94618
Miller, J.W.V. *see* Shabestari, B.N. 87376
Miller, J.W.V. *see* Shabestari, B.N. 87378
Miller, K.R. *see* Bowser, R.C. 89500
Miller, L.C. *see* Brewer, J.E. 80347
Miller, L.E. *see* Coates, D.K. 78785
Miller, L.G. *see* Brewer, J.E. 49459
Miller, L.G. *see* Gorin, A.L. 73809
Miller, L.H. *see* Alexander, J.P. 59072
Miller, L.S. *see* Stone, P.J.W. 56905
Miller, L.S. *see* Stone, P.J.W. 63944
Miller, M. *see* Atkinson, D. 59470
Miller, M. *see* Halchin, D. 81989
Miller, M. *see* Qiu, H. 66613
Miller, M. *see* Sturtevant, J. 81704
Miller, M.A., Simpson, K.D. Integrated survey and design for transmission lines 89259
Miller, M.B. *see* Castracane, J. 76894
Miller, M.D. A scenario for the deployment of interactive multimedia cable television systems in the United States in the 1990s 52719
Miller, M.F. Old lines made new again 59975
Miller, M.I. *see* Srivastava, A. 97394
Miller, M.I. *see* Turmon, M.J. 64427
Miller, M.J. *see* Fletcher, J.R. 89613
Miller, M.J. *see* Jaisilp, A. 97030
Miller, N.W. *see* Paserba, J.J. 68209
Miller, P. Bull's CMIP agent development kit: a platform for the rapid development of CMIP agents and objects 51982
Miller, P. Integrated system management: design considerations for a heterogeneous network & system management product 58061
Miller, P., Astley, S.E. Automated detection of mammographic asymmetry using anatomical features 59278
Miller, P., Lammers, M. Tips for choosing high-accuracy linear positioning systems. III 68931
Miller, P., Lammers, M. Tips for choosing high-accuracy linear positioning systems. II 78767
Miller, P. *see* Astley, S. 59271
Miller, P.A., Barth, M.F., van de Kamp, D.W., Schlatter, T.W., Weber, B.L., Wuertz, D.B., Brewster, K.A. An evaluation of two automated quality control methods designed for use with hourly wind profiler data 99185
Miller, P.C. *see* Kobetic, R. 67603
Miller, R. EO/IR modeling of a generic aircraft 67669
Miller, R. *see* Bloom, E. 76520
Miller, R. *see* Brown, D. 59084
Miller, R. *see* Hambrusch, S. 64838
Miller, R. *see* Hess, G.T. 54545
Miller, R. *see* Hrinko, W. 66600
Miller, R. *see* Kouadria, D. 100077
Miller, R. *see* Whitham, K. 67008
Miller, R. *see* Whitham, K. 67008
Miller, R. *see* Whitham, K. 67009
Miller, R. *see* Whitham, K. 67009
Miller, R. *see* Zhang, Y. 82826
Miller, R.D., Betterton, K.M., Burland, D.M., Lee, V.Y., Moylan, C.R., Twieg, R.J., Walsh, C.A., Volksen, W. Thermally stable chromophores and polymers for $\chi^{(2)}$ applications 56913
Miller, R.D. *see* Twieg, R.J. 56415
Miller, R.H. *see* Jones, T.A. 76413
Miller, R.H. *see* Ruth, R.D. 66791
Miller, R.H. *see* Vlieks, A.E. 67011
Miller, R.H. *see* Yeremian, A.D. 76724
Miller, S. Precleaning prior to hot air leveling 92781
Miller, S.K. *see* Shipps, J.C. 89704
Miller, S.L. Code sequence analysis of direct-sequence code-division multiple-access with M-ary FSK modulation 51795
Miller, S.L. *see* Strom, E.G. 86059
Miller, S.M., Antonsen, T.M., Jr., Levush, B., Bromborsky, A., Abe, D.K., Carmel, Y. Theory of relativistic backward wave oscillators operating near cutoff 62116
Miller, S.P., MacDonald, K.C., Atwater, T., Alexander, R., Cormier, M., Scheirer, D., Weiland, C., Wright, D., Forsyth, D.W., Shen, Y. Combined SeaBeam 2000 bathymetry and sidescan on the Melville: East Pacific Rise 15-19 S 99141
Miller, T. *see* Denenberg, L. 73863
Miller, T. *see* Lin, D.-S. 61311
Miller, T. *see* Wilbertz, C. 81724
Miller, T.E., Barish, J. Optimizing sound for listening in the presence of road noise 74122
Miller, T.J., Nathan, M.I. Schottky barrier height dependence on the compensation doping in the interfacial Si layer of Al/Si/n:GaAs Schottky diodes 71202
Miller, T.J.E. Faults and unbalance forces in the switched reluctance machine 68552
Miller, T.J.E. Design of PM synchronous and brushless DC motors 89922
Miller, T.J.E., Rabinovici, R. Back-EMF waveforms and core losses in brushless DC motors 54037
Miller, T.J.E. *see* Lagerquist, R. 68582
Miller, T.J.E. *see* Lagerquist, R. 69053
Miller, T.J.E. *see* Soon, W.L. 69044
Miller, T.J.E. *see* Staton, D.A. 68559
Miller, T.J.E. *see* Staton, D.A. 68641
Miller, T.L., Thompson, D.A., Elzinga, M.B., Lee, T.-H., Passenheim, B.C., Leadon, R.E. Experimental valuation of high speed CCD imager radiation effects using Co60 and proton radiation 76079
Miller, T.L. *see* Chen, L. 76069
Miller, T.M. *see* Dodabalapur, A. 56557
Miller, T.M. *see* Dodabalapur, A. 63599
Miller, W. High-speed FPGAs fill networking needs 92084
Miller, W. *see* Donahue, J. 66950
Miller, W. *see* Schlageter, J. 70389
Miller, W.C. Monitoring and diagnostics in digital television systems 97630
Miller, W.C. *see* Czilli, J.C. 61633

Miller, W.C. *see* Jiwen Wang 57526
Miller, W.C. *see* Xiangui Yu 98098
Miller, W.C. *see* Zhiwei Wang 79689
Miller, W.C. *see* Zhongde Wang 74144
Miller, W.H. *see* Al-Haddad, M.N. 88252
Miller, W.J. *see* Linehan, L.L. 81639
Miller, W.M. *see* Suehle, J.S. 62621
Millerioux, Y., Felder, R., Touahri, D., Acef, O., Hilico, L., Clairon, A., Biraben, F., de Beauvoir, B., Julien, L., Nez, F. A potential new frequency/wavelength standard at 778 nm: Doppler free two-photon transitions in rubidium 86877
Millerioux, Y., Touahri, D., Hilico, L., Clairon, A., Felder, R., Biraben, F., de Beauvoir, B. Towards an accurate frequency standard at $\lambda=778$ nm using a laser diode stabilized on a hyperfine component of the Doppler-free two-photon transitions in rubidium 58619
Millerioux, Y. *see* Nez, F. 86973
Millerioux, Y. *see* Touahri, D. 86883
Millich, A. CLIC transfer structure (CTS) simulations using "MAFIA" 67117
Millich, A. *see* Guignard, G. 87723
Millicker, D. *see* Negus, K. 97135
Millien, E. *see* Cardin, R. 84020
Milliman, L. *see* Dowell, D. 76384
Millin, N. Worldwide communication over Internet 96756
Million, G. *see* Alunni, L. 88010
Million, G. *see* Beckers, T. 67314
Million, G. *see* Bouclier, R. 59121
Million, G. *see* Bouclier, R. 87985
Million, S., Shah, B., Hinedi, S. Performance of full-spectrum combining for the Galileo S-band mission 52461
Millman, S.D. Improving quality: yield versus test coverage 79470
Millman, S.D., Acken, J.M. Special applications of the voting model for bridging faults 49352
Millner, A.R. Multi-hundred horsepower permanent magnet brushless disc motors 69072
Millo, D. *see* Walker, R.P. 67242
Millot, P. *see* Jourdin, P. 59768
Mills, A., Qing Chang Colorimetric polymer film sensors for dissolved carbon dioxide 97978
Mills, A.P. *see* Feijoo, D. 93081
Mills, A.P., Jr., Voris, S.S., Jr., Andrew, T.S. Solid Kr moderator for producing slow positrons 87944
Mills, A.P., Jr. *see* Canter, K.F. 81161
Mills, D.L. Precision synchronization of computer network clocks 65291
Mills, D.M. *see* Wah-Keat Lee 87759
Mills, D.M. *see* Yahnke, C.J. 88277
Mills, D.R., Monger, A., Keepin, B. Cleaning up the grid. Solar thermal electricity development in Australia 68491
Mills, D.W., Tamil, L.S. Coupling in multilayer optical waveguides: an approach based on scattering data 94135
Mills, F. *see* Cho, Y. 87949
Mills, F. *see* Kang, Y.W. 66996
Mills, F. *see* Liu, J. 66926
Mills, F. *see* Rokugawa, S. 77276
Mills, F.E. *see* Koul, R.K. 67258
Mills, F.E. *see* Koul, R.K. 76707
Mills, F.E. *see* Lopez, F. 76706
Mills, F.E. *see* Nassiri, A. 98388
Mills, F.E. *see* Turner, L.R. 76672
Mills, G. *see* Fenker, H. 67313
Mills, G.B. *see* Adam, A. 88087
Mills, G.B. *see* Adam, A. 88102
Mills, G.B. *see* Adriani, O. 88023
Mills, G.B. *see* Ambrosi, G. 53302
Mills, G.B. *see* Battiston, R. 53350
Mills, G.D. *see* Alton, G.D. 53200
Mills, G.D. *see* Alton, G.D. 53263
Mills, G.D. *see* Alton, G.D. 67281
Mills, G.D. *see* Alton, G.D. 67282
Mills, M., Cohen, J., Yin Yin Wong A magnifier tool for video data 66072
Mills, M. *see* Datte, P. 98455
Mills, M. *see* Teodosio, L.A. 66025
Mills, M.J. *see* McCarty, K.F. 91431
Mills, M.J. *see* Medlin, D.L. 70126
Mills, M.R. *see* Aiello, G.R. 76834
Mills, M.R. *see* Aiello, G.R. 98451
Mills, M.R. *see* Roberto Aiello, G. 76387
Mills, R. COMNET III: object-oriented network performance prediction 75008
Mills, R.J., Dunn, G.M., Walker, A.B., Daniels, M.E., Bishop, P.J., Jensen, K.O., Ridley, B.K., Herbert, D.C., Jefferson, J.H. Monte Carlo simulation of wide AlGaAs barriers 62302
Mills, T. *see* Gulick, P. 98233
Mills, W.H., Mullin, R.C. On λ-covers of pairs by quintuples: v odd 69733
Millsap, A.W. *see* Unruh, J. 69185
Millsom, D. *see* Crane, M. 75011
Millsteed, G.K. *see* Manfield, D.R. 51917
Millunchick, J.M., Barnett, S.A. Suppression of strain relaxation and roughening of InGaAs on GaAs using ion-assisted molecular beam epitaxy 70049
Mil'man, V.A. *see* Alekseev, G.I. 92652
Milne, A.M. *see* Smith, W.R. 51087
Milne, D.K. *see* John, P. 69928
Milne, D.K. *see* John, P. 70091
Milne, G.J. *see* Bailey, A. 61462
Milne, K.B. *see* Jones, J.L. 53442
Milne, N. *see* Ziad, H. 68655
Milne, N.G., Beerschwinger, U., Yang, S.J., Reuben, R.L., Mathieson, D., Ziad, H., Spirkovitch, S. Finite-element analysis of rotor stability in an axial-drive micromotor 90039
Milne, R. Upgrading the Anglo-Scottish Interconnector: environmental planning 59798
Milne, S.J. *see* Tu, Y.-L. 79982
Milne, W.I. *see* Davis, C.A. 61390
Milne, W.I. *see* Narayanan, E.M.S. 56061
Milne, W.I. *see* Veerasamy, V.S. 50679
Milne, W.I. *see* White, A.J. 70089
Milner, B.P., Vaseghi, S.V. Comparison of some noise-compensation methods for speech recognition in adverse environments 95262
Milner, B.P. *see* Vaseghi, S.V. 73856
Milner, M. *see* Gardenier, P. 65615
Milner, S.H., Cryan, R.A., Senior, J.M., South, C.R. Instantaneous error analysis of the least mean square algorithm 48827
Milner, S.H. *see* Elmirghani, J.M.H. 84143
Milner, S.M. *see* Antebi, J. 66012
Milner, S.M. *see* Ingalls, R.P. 58532
Milner, T.E. *see* Scutero, M.J. 58780
Milnes, A.G. *see* Dolginov, L.M. 93150
Milnes, A.G. *see* Polyakov, A.Y. 71217
Milnes, K. *see* Cherrick, S. 97597
Milnes, M. *see* Cudlip, W. 77271
Milonidis, E. *see* Karcanias, N. 75807
Milor, L., Sangiovanni-Vincentelli, A.L. Minimizing production test time to detect faults in analog circuits 54486
Milosavljevic, M.M. *see* Dostanic, M.R. 54756
Milosavljevic, M.M. *see* Veinovic, M.D.J. 57423
Milosevic, D. *see* Stefanovic, M. 57328
Milosevic, O., Jordovic, B., Uskokovic, D. Preparation of fine spherical ZnO powders by an ultrasonic spray pyrolysis method 48906
Milosevic, O. *see* Brankovic, Z. 49680
Miloshova, M.S., Seleznev, B.L., Bychkov, E.A. Chalcogenide glass chemical sensors for determination of thallium in natural and waste water 66228
Milosic, Z. The use of a model of trochoidal ship swing in the analysis of error in the velocity measurement with ultrasound Doppler log 99381
Miloslavskii, V.K. *see* Ageev, L.A. 56383
Milostnaya, I.I. *see* Karasik, B.S. 93942
Miloucheva, I., Rebensburg, K. Quality of service based transport architecture using XTP 96264
Milovanov, S.B. *see* Lekhovitskii, D.I. 51475
Milovanovic, D., Samcovic, A., Bojkovic, Z. A comparative study on some subband transforms for still image compression 74271
Milovanovic, D. *see* Barbaric, Z. 74351
Milovanovic, D. *see* Bojkovic, Z. 85168
Milovanovic, E.I., Mihajlovic, M.D., Milovanovic, I.Z., Stojcev, M.K. Solving tridiagonal linear systems on MIMD computers 69843
Milovanovic, E.I. *see* Milovanovic, I.Z. 91768
Milovanovic, I.Z., Kovacevic, M.A., Stojcev, M.K., Milovanovic, E.I. A direct method for BBD matrix inversion 91768
Milovanovic, I.Z. *see* Milovanovic, E.I. 69843
Mil'shtein, S., Iatrou, S., Kharas, D., Bell, R.O., Sandstrom, D. Charge build-up in solar cells 90390
Milsom, J.D., Tang, C.K.K., Telfer, G.R. Interference and SWF effects on HF skywave communications reliability 97025
Milsom, J.D. *see* Wheadon, N.S. 99171
Milsom, R.E., Scott, K.J., Yule, A.T. BEM employing Taylor expansion for modelling complex PCB layout 49703
Milsom, R.F. Electromagnetic computer modelling for EMC (integral methods) 73374
Milsom, R.F., Jamieson, P.A., Scott, K.J. Accurate system level models of *rf* circuits 57933
Milsted, I. *see* Burns, A. 76487
Milstein, L.B. *see* Eng, T. 75206
Milstein, L.B. *see* Jiangzhou Wang 58344
Milstein, L.B. *see* Knudson, K.J. 84007
Milstein, L.B. *see* Lupu, V. 52339
Milstein, L.B. *see* Monk, A.M. 75178
Milstein, L.B. *see* Monk, A.M. 75200
Milstein, L.B. *see* Monk, A.M. 75306
Milstein, L.B. *see* Vojcic, B.R. 65606
Milstein, L.B. *see* Vojcic, B.R. 75377
Milster, T. *see* Flagello, D.G. 71495
Miltersen, P.B., Subramanian, S., Vitter, J.S., Tamassia, R. Complexity models for incremental computation 70216
Miltiadou, K. A review of wavelet transform techniques 51513
Milton, B. *see* Edman, K. 76306
Milton, B. *see* Song, P.S. 87799
Milton, B.E. *see* Helal, I. 99459
Milton, B.G. Managing the privacy implications of new technology 96333
Milton, G.W. *see* Lo, K.M. 50487
Milton, J. *see* Schiff, S.J. 59393
Milton, J. *see* Schiff, S.J. 77018
Milton, S. *see* Kim, D. 64583
Milton, S. *see* Lumpkin, A.H. 53111
Milutinovic, V. *see* Skorc, A. 51694
Milvang, O. *see* Huseby, R.B. 99137
Mil'vidskii, M.G. *see* Voronkov, V.V. 54820
Mil'vidskii, M.G. *see* Voronkov, V.V. 61316
Milzner, K. Computer aided macromodel generation [circuit simulation] 49057
Mim Ki Wan *see* Ki Wan Mim
Mima, H. *see* Saitoh, H. 70087
Mima, K. *see* Asakawa, M. 49737
Mima, K. *see* Ohigashi, N. 53113
Mimashi, T., Kuroda, S., Nakayama, H., Oide, K., Sugahara, R., Yamamoto, N. The position monitor using stretched wire technique 76499
Mimeche, N. *see* Fabre, A. 70730
Mimomye, L.V. *see* Wood, C.E.C. 81431
Mimura, A. *see* Kawachi, G. 55961
Mimura, H., Futagi, T., Matsumoto, T., Katsuno, M., Ohta, Y., Kitamura, K. Visible electroluminescence from μc-SiC/porous Si/c-Si p-n junctions 72630
Mimura, Y., Kotaka, I. A new photochemical selective silylation technique for resist materials 62595
Mimura, Y., Kotaka, I. New silylation bi-layer resist system employing photochemical selective resist silylation 71448
Min, B.J., Un, C.K. A fast transversal filtering algorithm for pole-zero modeling 57496
Min, H.S. *see* Lee, J.B. 71557
Min, P. *see* Derdall, B.C. 92736
Min, P.S. *see* Hegde, M.V. 85353
Min, P.S. *see* Saidi, H. 64974
Min, S.-K. *see* Kim, T.W. 81301
Min, S.-K. *see* Kim, T.W. 93028
Min, T., Zhu, J.-G. Grain height fluctuation and medium noise in longitudinal thin film recording media 50298
Min Cao *see* Tiemin Zhao 93387
Min Cao *see* Tiemin Zhao 93403
Min Chan Kuang *see* Chan Kuang Min
Min Chau Nguen *see* Nguen Min Chau
Min Deng Xi *see* Deng Xi Min
Min Hong Seok *see* Seok Min Hong
Min Hong Shick *see* Hong Shick Min
Min Hong-Shick *see* Hong-Shick Min
Min Jeong-Ky *see* Jeong-Ky Min
Min Jhon Young *see* Young Min Jhon
Min Jiang *see* Stewart, W.K. 59582
Min Jou Jer *see* Jer Min Jou
Min Jung Se *see* Se Min Jung
Min Kim Jin *see* Jin Min Kim
Min Kong *see* Han Yingduo 53600
Min Kyung Jin *see* Kyung Jin Min
Min Liang, Qiu-Ming Ma, Dong-Guo Xu A new neural network model for image segmentation 85089
Min Ma Cherng *see* Cherng Min Ma
Min Park *see* Kyu Chang Park 91592
Min Sang Lyul *see* Sang Lyul Min
Min Seo Yang *see* Yang Min Seo
Min Seok Kang, Joon Seek Kim, Rae-Hong Park, Hwae Hi Lee Recovering the elevation map by stereo modeling of the aerial image sequence 74399
Min Son Jeong *see* Jeong Min Son
Min Soo Lee, Sang Seol Lee Analysis of step discontinuity of rectangular waveguides using the mode matching method 94938
Min Suk Ki *see* Suk Ki Min
Min Suk-Ki *see* Suk-Ki Min
Min Sun *see* Sun Min
Min Sung Choi *see* Heung Sik Kim 93233
Min Tai *see* Tai Min
Min Wang *see* Jung Soh 64657
Min Wang Hui *see* Hui Min Wang
Min Woo Dong *see* Dong Min Woo
Min Yan *see* Chung, K. 81047
Min Yong, Jiang Wei, Jiang Qirong, Han Yingduo, Zhou Jinming Coordinative control of excitation and fast valving using artificial neural networks 89111
Min Yong, Xiu Lin-Cheng, Zhang Li, Jiang Qi-Rong Coordinative control of excitation, fast valving and resistant braking using artificial neural network 59748
Min Yoo Young *see* Young Min Yoo
Min Youli *see* Youli Min
Min Zhang, Weiland, T. ACAO of a waveguide-microstrip transition pair using the G+CD method 80550
Min Zhang *see* Zhang Min
Min Zhao, Yan Liu The ways towards PCS 75295
Min-Cheol Oh *see* Sang-Shin Lee 63492
Min-Ho Park *see* Dong-Choon Lee 90533
Min-Ho Park *see* Hyung-Soo Mok 69111
Min-Ho Park *see* Hyung-Soo Mok 100827
Min-Ho Park *see* Young-Real Kim 89979
Min-Hua Ho, Michalski, K.A., Kai Chang Waveguide excited microstrip patch antenna—theory and experiment 73528
Min-Huan Yuan *see* Yuan Min-Huan
Min-Jen Tsai, Ho, B.K.T., Villasenor, J.D. Motion estimation and wavelet transform in angiogram video coding 98831
Min-Koo Han *see* Il-Jung Kim 81781
Min-Koo Han *see* Woo-Sun Lee 81925
Min-Soo Lee *see* Ki-Young Song 70849
Min-Soo Park, Woo-Jin Song A new design method of 2-D linear-phase FIR filters with finite-precision coefficients 80438
Min-Su Jang *see* Chae-Ryong Cho 93751
Min-Suk Lee *see* Moo-Sung Kim 48933
Min-Wen Wang *see* Schueler, J.K. 100974

Min-Young Lee *see* Jin-Ho Lee 92180
Minaev, S.A. Space charge equilibrium and beam current limitations in ion linear accelerators 59030
Minaev, S.V. *see* Ulin, S.E. 88134
Minafra, V. *see* Camarda, P. 96710
Minagawa, K. *see* Ikumi, N. 92283
Minagawa, N. *see* Kawasima, T. 98040
Minagawa, S. *see* Nakanishi, T. 58594
Minagawa, S. *see* Tanaka, T. 50850
Minagawa, Y., Okada, E. A laser two focus velocimeter with high spatial resolution using confocal optical system 98362
Minakata, M. $LiNbO_3$ optical waveguide devices 72400
Minakata, M. *see* Kadota, M. 71851
Minakata, M. *see* Kadota, M. 82147
Minakata, R., Komoda, T., Nakamura, T., Nakai, K., Kira, T. Thin film heads for digital multichannel recorder 72152
Minakata, R. *see* Komoda, K. 52743
Minakata, R. *see* Komoda, T. 72121
Minakata, R. *see* Nakai, K. 50342
Minakov, A.A. A low-temperature ac microcalorimeter 76244
Minakovic, B., Holt, T., Dew-Hughes, D. A new technique for measuring the microwave properties of high temperature superconducting rods 53042
Minalgiene, J., Baltrushaitis, V., Muckett, S. Very fine line photoimageable thick film technology developed at Hibridas 55484
Minami, E. *see* Scalvi, L.V.A. 50664
Minami, E.R., Quader, K.N., Ko, P.K., Chenming Hu Prediction of hot-carrier degradation in digital CMOS VLSI by timing simulation 63004
Minami, E.R. *see* Li, C.C. 62821
Minami, E.R. *see* Quader, K.N. 49351
Minami, F. *see* Kashihara, Y. 55259
Minami, G. *see* Alves, N. 71845
Minami, H. *see* Kashiwa, T. 80774
Minami, H. *see* Yoshida, N. 61900
Minami, H. *see* Yoshida, N. 92525
Minami, K., Kawamura, S., Esashi, M. Fabrication of distributed electrostatic micro actuator (DEMA) 68926
Minami, K., Wakabayashi, Y., Matsubara, T., Yoshimi, K., Yoshida, M., Esashi, M. YAG laser assisted etching for releasing silicon micro structure 55784
Minami, K. *see* Cabuz, C. 66338
Minami, K. *see* Morimoto, M. 97662
Minami, K. *see* Murakami, H. 67653
Minami, K. *see* Murakami, K. 55785
Minami, K. *see* Mutoh, N. 98090
Minami, K. *see* Orihara, K. 66047
Minami, K. *see* Yamaguchi, M. 57058
Minami, M. *see* Fukami, A. 71833
Minami, M. *see* Nagano, T. 63036
Minami, M. *see* Waki, K. 79024
Minami, S., Ujiie, K., Terasawa, M., Komori, K., Furusawa, I., Kamigaki, Y. A 3 volt 1 Mbit full-featured EEPROM using a highly-reliable MONOS device technology 92201
Minami, T., Masuda, I. Image processing techniques for security services 84640
Minami, T., Sonohara, H., Takata, S., Sato, H. Transparent and conductive ZnO thin films prepared by atmospheric-pressure chemical vapor deposition using zinc acetylacetonate 54970
Minami, T. *see* Kobayashi, T. 79463
Minami, T. *see* Miyata, T. 72577
Minami, T. *see* Numagami, Y. 60990
Minami, T. *see* Oikawa, Y. 52563
Minami, T. *see* Sato, H. 61392
Minami, T. *see* Sato, H. 61393
Minami, T. *see* Shinohara, K. 85150
Minami, T. *see* Ueno, K. 84925
Minami, T. *see* Watanabe, S. 49412
Minami, Y., Kondo, H., Miyashita, M., Matsumoto, M., Yoshizawa, S. Alphanumeric pager using European Radio Message System 52427
Minami, Y., Matsuoka, T., Shikano, K. Phoneme HMM evaluation algorithm without phoneme labeling applied to continuous speech HMM evaluation 51385
Minami, Y., Ono, K., Yamada, Y. 600-Mbit/s multiplexing terminal equipment with an ITU-T standard transmission interface 75140
Minami, Y., Sekiguchi, A. Defocus simulation using observed dissolution rate in photolithography 71441
Minami, Y. *see* Shinohe, T. 55937
Minami, Y. *see* Takahashi, S. 73885
Minamida, K. *see* Ichiko, O. 83226
Minamide, H. *see* Hanaizumi, O. 82545
Minamihara, S. *see* Hirano, R. 86361
Minamijima, M. *see* Sakui, M. 90105
Minamikawa, T. *see* Yonezawa, Y. 79921
Minamisono, K., Shiokawa, T. Prediction of the number of coherent signals for mobile communication systems using autoregressive modeling 86104
Minamisono, K. *see* Karasawa, Y. 52382
Minamizaki, H. *see* Itakura, T. 52996
Minamizaki, H. *see* Shima, T. 92436
Minamoto, Y., Ohnishi, T. A new current fed type PWM inverter system using instantaneous vector control 100271
Minan Li, Yang Zou, Jun Zhang, Qingshan Zhou, Jiandong Hu A statistical method for building macromodels of circuits in tolerance design 91773
Minano, J.C. *see* Marti, A. 100518
Minari, F., Billia, B. Mixed cells in directional solidification of In-doped GaAs; cellular profile and shape-induced stresses 61230
Minarskii, A.M., Rodin, P.B. Long-wavelength transverse instability of shock-ionization waves in diode structures 81766
Minashin, M.E., Stuzhnev, Yu.A. Experience in creating and operating the first nuclear power station 99840
Minasian, R.A. *see* Heyde, E.C. 86324
Minasian, R.A. *see* Park, M.S. 52557
Minato, A. *see* Sugimoto, N. 67826
Minato, A. *see* Sugimoto, N. 88834
Minato, K., Okumura, Y., Kishimoto, R. Multipath allocation algorithm for the distributed computer environment 96622
Minato, K., Yoda, I., Fujii, N. Distributed operation system model using directory service in telecommunication management network 96475
Minato, S. Calculation of unate cube set algebra using zero-suppressed BDDs 91989
Minato, T. *see* Harada, M. 55902
Minbao Zhou *see* Zhou Minbao
Mincai He *see* He Mincai
Minchang Liang, Law, M.E. An object-oriented approach to device simulation—FLOODS 81760
Minciunescu, P. *see* Piglione, L. 68637
Minciunescu, P. *see* Piglione, L. 68883
Minde, T.B., Wigren, T., Ahlberg, J., Hermansson, H. Techniques for low bit rate speech coding using long analysis frames 84102
Mindel, M.J. *see* Prabhu, A.N. 54496
Mindlin, G.B. *see* Lopez-Ruiz, R. 72697
Mindykowski, J. New approach to frequency measurements of power engineering system and evaluation of their accuracy under ship's conditions 76143
Mine, H. *see* Ikeda, T. 58101
Mine, H. *see* Suzuki, T. 96683
Mine, K., Kubota, N., Morimoto, F., Sanada, M., Ne, L. An optical instrumentation using dual sensor-dummy against noises 97859
Mine, K., Kubota, N., Morimoto, F., Sanada, M., Zhang Qi An optical instrumentation using a sensor with a sensordummy against noises on sensor and transmission line 75961
Mine, K. *see* Tamura, T. 61761
Mine, N., Yagi, Y., Yachida, M. Detection of change region by integrating subtracted image and edge boundary image 51662
Mine, P. *see* Breskin, A. 76003
Mine, P. *see* Specka, A. 76597
Mine, Ph. *see* Malamud, G. 88001
Mine, Y. *see* Ebina, K. 56610
Mine, Y. *see* Ueda, M. 97956
Mineev, O.V. *see* Dement'ev, D.V. 53315
Minegishi, S., Echigo, H., Sato, R. A method for measuring transients caused by interrupting current using a transmission line terminated in its characteristics impedance 73397
Minehan, D. *see* Marx, K.A. 79995
Minehara, E. *see* Takao, M. 50882
Minehara, E.J. *see* Sawamura, M. 50881
Minelli, G. *see* Brunetti, M.T. 87957
Minelli, G. *see* Rizzoni, G. 60573
Minemaru, T. *see* Toyokura, M. 92281
Minemoto, H. *see* Kamada, O. 75937
Minemoto, T. *see* Ohyama, T. 57125
Minemura, J. *see* Yazawa, Y. 100446
Minemura, T., Carlson, J., Chen, H., Tapio, E., Arakawa, M. MRI receivers for reduced time acquisition 98849
Minenkov, V.R. *see* Vazhov, V.F. 83225
Mineo, M., Kaneko, T., Saryo, T., Mizoe, J., Okamoto, M., Shinozaki, S. NEC's MMIC and MIC activities for microwave telecommunications 80876
Mineo, T. *see* Owens, A. 67418
Miner, B. *see* Atakov, E.M. 62520
Miner, C. Pre-processing epitaxial layer evaluation: What do you really have to measure? 81174
Miner, C.J. *see* Tarof, L.E. 72602
Miner, G. *see* Tabibi, B.M. 63627
Miner, J. Bar code labels for boards and packages 79478
Miner, P.S., Pullela, S., Johnson, S.D. Interaction of formal design systems in the development of a fault-tolerant clock synchronization circuit 92075
Miners, F. *see* Cousins, C.S.G. 59213
Minervini, J. *see* Deis, G. 87958
Minervini, J. *see* Heim, J. 88070
Mines, E.B. UV curable coatings—solution to environmental regulations 81015
Mines, E.B. UV-curable coatings — solution to regulations 90919
Mineshige, A. *see* Sugie, Y. 91596
Minestrini, M., Ferrario, M., Kulinski, S., Tazzari, S. Magnetron sputtering configuration for coating 1.3 GHz cavities with a Nb film 67118
Minestrini, M. *see* Ferrario, M. 53106
Minestrini, M. *see* Tazzioli, F. 67001
Minetti, B. *see* Martin, A. 67356
Mineuchi, K. *see* Takahasi, K. 67909
Minfeng Xu *see* Aslam, M.T. 89033
Ming, L., Leijon, M., Bengtsson, T. Barrier effects in air-gaps under DC voltage 90305
Ming, L. *see* Bengtsson, T. 90090
Ming, N.-b. The concept, effects and possible applications of optical and acoustical superlattices 50133
Ming, Z. *see* Lee, T.S. 63054
Ming Bai *see* Bai Ming
Ming Chen, Georganas, N.D. Communication protocols for SCM-WDM networks 75482
Ming Chen, Georganas, N.D. Multimedia data delivery in high-speed multichannel networks 96689
Ming Chen, Tsankov, M.A., Nash, J.M., Patton, C.E. Backward-volume-wave microwave-envelope solitons in yttrium iron garnet films 63194
Ming Chen *see* Jin, M.Y. 77619
Ming Chen *see* Jin, M.Y. 77649
Ming Chen *see* Xiuzhi Li 89868
Ming Chen *see* Yum, T.-S.P. 58595
Ming Chen Hong *see* Hong Ming Chen
Ming Cheng Yan *see* Yan Ming Cheng
Ming Diao *see* Diao Ming
Ming Ding *see* Ding Ming
Ming Fang Xiao *see* Xiao Ming Fang
Ming Gao Xiao *see* Gao Xiao Ming
Ming He *see* He Ming
Ming Jia, Benyamin-Seeyar, A., Le-Ngoc, T. On the capability of (T, U) permutation decoding method 51344
Ming Jia *see* Tho Le-Ngoc 73621
Ming Jun Li *see* Hui Zhang 63463
Ming Kwan *see* Jack Zezhong Peng 61693
Ming Lai Self-starting, self-mode-locked Ti:sapphire laser 56714
Ming Li, Sheard, S.J. Waveguide couplers using parallelogramic-shaped blazed gratings 63445
Ming Li, Vitanyi, P.M.B. Statistical properties of finite sequences with high Kolmogorov complexity 73610
Ming Li *see* Li Ming
Ming Liaw *see* Hickernell, F.S. 92979
Ming Lu *see* Lu Ming
Ming Ming Wei, Feng Gu, Wei Yi Xie Study on the preparation of PZT ceramic material for medium high frequency SAW devices by low vacuum atmosphere sintering 61418
Ming Nai-ben *see* Nai-ben Ming
Ming Ni *see* Ni Ming
Ming Ouhyoung, Wen-Chin Chen, Yuong-Wei Lei, Keh-Ning Chang, Ching-Lun Liang, Shwu-Fen Wang, Yung-Huei Yan, Jiann-Rong Wu, Herng-Yow Chen, Nien-Bao Liu, Yin-Lai Wang, Tzong-Yin Hwu, Wei-Ming Su, Rung-Heui Liang, Kuo-Chang Fu, Yah Chen, Tzong-Jer Yang The MOS multimedia E-mail system 58093
Ming Ouhyoung *see* Rung-Huei Liang 97738
Ming Ouhyoung *see* Yuong-Wei Lei 84920
Ming Qi *see* Qi Ming
Ming Shu *see* Howell, J. 51868
Ming Sun, Qiping Wang, Lindmayer, M. The model of interaction between arc and AgMeO contact materials 80949
Ming Sze Simon *see* Simon Ming Sze
Ming Wang Nien *see* Nien Ming Wang
Ming Wang Ren *see* Ren Ming Wang
Ming Wei Ming *see* Ming Ming Wei
Ming Xia *see* Xia Ming
Ming Xie Stereo and motion matching: a Hough-transform inspired method 95848
Ming Yu, Kuffel, E. Spline element for boundary element method 79744
Ming Yu, Vahldieck, R. CAD of microwave/RF IC—MMIC and MHMIC 80806
Ming Yu, Vahldieck, R., Ke Wu On the nature and application of the space spectral-domain approach (SSDA) 94913
Ming Yu *see* Yu Ming
Ming Yuan Xiao *see* Xiao Ming Yuan
Ming Zhang, Shi-Da Wu, Lohming Li Improving resolution for array processing by new array geometry and spatial filter 51457
Ming Zhang, Zhao-Da Zhu DOA estimation with sensor gain, phase and position perturbations 57463
Ming Zhang, Zhao-Da Zhu Array shape calibration using sources in known directions 57464
Ming Zhang, Zhaoda Zhu DOA estimation for diversely polarized antenna arrays 83876
Ming Zhang *see* Zhiquan Li 66400
Ming Zhang *see* Zhang Ming
Ming-Bo Lin, Oruc, A.Y. A fault-tolerant permutation network modulo arithmetic processor 80359
Ming-Cheng Deng *see* Tsung-Shune Chin 49015
Ming-Chia Hsieh, Tzung-Pao Lin On the design of a local switch for heterogenous multi-subsystem interconnect 86014
Ming-Chwen Yang, Ja-Ling Wu A new interpretation of "polynomial residue number system" 74207
Ming-De Yu *see* Wen Junding 55376
Ming-Fong Chen *see* Du-Ming Tsai 57866
Ming-Guey Chern *see* Chyi-Hwa Chu 95769
Ming-Haw Yaou, Wen-Thong Chang Vector space projection approach for perfect reconstruction filter banks design 61806

Ming-Haw Yaou, Wen-Thong Chang Fast surface interpolation using multiresolution wavelet transform 73969
Ming-Horn Tsai, Binglong Zhang, Tso-Ping Ma, Wang, L.K. Random telegraph signals in accumulation-mode SOI/nMOSFETs 50013
Ming-Hua Mao, Ruey-Beei Wu, Chun-Hsiung Chen, Chao-Hui Lin Characterization of coplanar waveguide open end capacitance—theory and experiment 70815
Ming-Huei Liaw *see* Guan-Chyun Hsieh 100333
Ming-Huei Shieh, Hung Chang Lin A multiple-dimensional multiple-state SRAM cell using resonant tunneling diodes 55269
Ming-Hwa Sheu, Jau-Yien Lee, Jhing-Fa Wang, Liaug-Wei Lee, Shyu-Ren Mau, Liang-Ying Liu An architecture with low memory-bandwidth and less hardware cost for 3SBM algorithm 80380
Ming-Je Chen *see* Cuddy, D. 67788
Ming-Jeng Lee, Yee, J.R. An algorithm for optimal minimax routing in ATM networks 65441
Ming-Jer Chen, Jum-Chang Chao, Chia-Hsiang Chen New observation and the modeling of gate and drain currents in off-state P-MOSFET's 55986
Ming-Jer Chen *see* Chih-Yao Huang 93589
Ming-Jer Kao *see* Hir-Ming Shieh 55605
Ming-Jin Chen *see* Erxin Zheng 88344
Ming-Jiunn Jou *see* Jyh-Feng Lin 94292
Ming-Jiuun Jou *see* Jyh-Feng Lin 72624
Ming-Ju Tsai, Tzyy-Sheng Horng, Alexopoulos, N.G. Via hole, bond wire and shorting pin modeling for multi-layered circuits 80871
Ming-Jun Lai On Stromberg's spline-wavelets 61211
Ming-Jye Tasi, Cheng-I Weng Nonlinear stability analysis of molten flow in laser cutting 64046
Ming-Kai Tsai *see* Ping-Hsing Lu 80427
Ming-Kang Liu, Modestou, P.C. Multilevel signaling and pulse shaping for spectrum efficiency in subcarrier multiplexing transmission 75474
Ming-Kang Liu, Pathan, A.N., Scottis, M., Gong-San Yu, Chowdhury, S., Sau Chung Loh A video communications testbed for transmission over packet switching networks 75117
Ming-Ko Chiu *see* Mu-King Tsay 51617
Ming-Pin Chang *see* Guozhen Yang 57747
Ming-qiang Hu *see* Hu Ming-qiang
Ming-Seng Kao, Shou-Kuo Shao, Hsin-Yuan Chen WDM coding system with single parity-check channel 97346
Ming-Shang Tsai *see* Chang-Luen Wu 81299
Ming-Shang Tsai *see* Chang-Luen Wu 93508
Ming-Shann Tsai *see* Fuh, A.Y.-G. 76119
Ming-Shih Chen, Yang, T., Hsiao-Chuan Wang Speaker identification over telephone system based on channel-effect cancellation 65201
Ming-Shin Tsai *see* Shing-Tsaan Huang 65077
Ming-Ta Chin *see* Wei-Kuo Cken 91478
Ming-Ta Yang, Yi-Jen Chan, Chun-Hung Chen, Jen-Inn Chyi, Ray-Ming Lin, Jia-Lin Shieh Characteristics of pseudomorphic $AlGaAs/In_xGa_{1-x}As$ ($0 \leq x \leq 0.25$) doped-channel field-effect transistors 81940
Ming-Ta Yang *see* Yi-Jen Chan 62865
Ming-Ta Yang *see* Yi-Jen Chan 81277
Ming-Ting Sun *see* Shaw-Min Lei 85916
Ming-Wei Lu *see* Yung-Li Lee 54635
Ming-Wen Chang *see* Ching-Cherng Sun 72516
Ming-Whei Feng Applying N-best keyword search to continuous speech recognition for telecommunication-based applications 95361
Ming-Wu Zhu *see* Zhu Ming-Wu
Ming-Xing Zhang *see* Zhang Ming-Xing
Ming-Xun Chen *see* Chen Ming-Xun
Ming-Yang Huang *see* Li Wang 89124
Ming-Yao Xu *see* Alspach, B. 79628
Ming-Yaw Huang *see* Abdullah, H.A. 90958
Ming-Yee Chiu *see* Arman, F. 58578
Ming-Yee Lai, Rauscher, K.F. Total reliability management for telecommunications software 74860
Ming-Yi Lay Application of genetic programming in analyzing multiple steady states of dynamical systems 91330
Ming-Yi Li *see* McCleary, J. 70847
Ming-Yih Kao, Shih-Tsang Fu, Pin Ho, Smith, P.M., Chao, P.C., Nordheden, K.J., Sujane Wang Very high voltage AlGaAs/InGaAs pseudomorphic power HEMTs 61916
Ming-Yin Hao, Bikas Maiti, Lee, J.C. Novel process for reliable ultrathin tunnel dielectrics 49827
Ming-Yin Hao, Kafai Lai, Wei-Ming Chen, Lee, J.C. Surface cleaning effect on dielectric integrity for ultrathin oxynitrides grown in N_2O 71385
Ming-Yu Lee *see* Lin-Shan Lee 95300
Ming-Yuan Shieh, Li, T.-H.S. Integrated fuzzy logic controller design 90023
Ming-Yung Ko, Hwang, T., Chang, C.C. Attacks on an ID-based signature scheme based on Rabin's public key cryptosystem 83928
Mingbin Yu *see* Yu Mingbin
Mingbing Yu *see* Yu Mingbing
Mingchang Wang *see* Wang Mingchang
Mingchu Li Two edge-disjoint Hamiltonian cycles in graphs 79614
Mingcui Cao, Hongpu Li, Fengguang Luo, Ai Jun, Da Liu Free-space regular optical interconnections: a mathematical analysis 56472
Mingcui Cao *see* Cao Mingcui
Mingfeng Ding *see* Ding Mingfeng
Mingguang Zhu, Chung, D.D.L. Active brazing alloy paste as a totally metal thick film conductor material 71419
Mingguang Zhu, Chung, D.D.L. Resilient metal spring network silicone-matrix composite for separable interconnections 82012
Minghua Jiang *see* Hoping Zeng 72963
Minghua Wang *see* Wang Minghua
Minghui Pan *see* Pan Minghui
Mingji Wang *see* Wang Mingji
Mingjian Liu *see* Liu Mingjian
Mingju Yang, Soga, T., Egawa, T., Jimbo, T., Umeno, M. High efficiency GaAs/Si monolithic three-terminal cascade solar cells grown by metal-organic chemical vapor deposition 60477
Mingju Yang, Soga, T., Egawa, T., Jimbo, T., Umeno, M. Three-terminal monolithic cascade GaAs/Si solar cells 100447
Mingjun Wang *see* Wang Mingjun
Mingjun Zhao *see* Zhao Mingjun
Minglu Jin, Qishan Zhang A new method of demultiplexing 85623
Mingming Li *see* Shiyan Ren 86962
MingQi Kong *see* Kong MingQi
Mingsheng Zhao, Congxiao Bao Image thresholding by histogram transformation 74384
Mingtian Fan, Zuping Zhang, Lin, C.E. Optimization of tap settings and capacitor units with expert system on distribution system 99669
Mingtian Zhou *see* Zhou Mingtian
Mingui Sun, Sclabassi, R.J., Ching-Chung Li, Yingping Zhang, Szu, H.H. Symmetrical wavelet transforms for edge localization 74456
Minguzzi, P. *see* Micheletti, R. 94428
Mingwu Fan *see* Xingzhi Zhang 76409
Mingxin Wang *see* Nanchao Zeng 59908
Mingxin Wang *see* Wang Mingxin
Mingxing Zhang *see* Zhang Mingxing
Mingya Luo *see* Shunping Xiao 86559
Mingye Liu *see* Liu Mingye
Mingyi He *see* He Mingyi
Mingyong Zhou, Zhongkan Liu, Hama, H. A resolution-controllable harmonical retrieval approach on the Chrestenson discrete space 64451
Mingyu Yao, Petrenko, A., v. Bochmann, G. Fault coverage analysis in respect to an FSM specification 61039
Mingyu Yin *see* Yin Mingyu
Mingyune, D., Wahl, F.M. Using space continuity and orientation constraints for range data acquisition 74580
Mingze Chen *see* Chen Mingze
Mingzhe Lu *see* Lu Mingzhe
Mingzhe Zhu *see* Zhu Mingzhe
Mingzhen Xu *see* Changhua Tan 71623
Mingzhen Xu *see* Xu Mingzhen
Mingzhou Xu *see* Tindall, C.E. 60125
Mingzhou Xu *see* Tindall, C.E. 99972
Minhua Jiang *see* Xian'gang Xu 55627
Minhua Liang *see* Cohn, R.W. 74350
Mini, L., Giaconia, C., Arnone, C. Copper patterning on dielectrics by laser writing in liquid solution 61340
Minihold, R., Muller, M. Selective Modulation Analyzer FMAS: one unit for two applications: FM stereo reception and modulation analysis 52682
Miniscalco, W.J. *see* Quimby, R.S. 56716
Minjuan Zhang *see* Zhang Minjuan
Minkevicius, S. *see* Garliauskas, A. 61069
Minkina, W. Space discretization in solving chosen problems of unsteady heat conduction by means of electric modelling 49130
Min'ko, A.A. *see* Bogatskaya, I.M. 79654
Minko, N.P. *see* Afraimovich, E.L. 67805
Minkus, H. *see* Jin, H. 80862
Minneman, S.L., Harrison, S.R. Where Were We: making and using near-synchronous, pre-narrative video 58236
Minnick, A. *see* Basol, B.M. 90409
Minnick, A. *see* Basol, B.M. 100497
Minnis, B. A high gain, MMIC power amplifier for X-band 92568
Minnis, B.J. The traveling wave matching technique for cascadable MMIC amplifiers 55426
Minniti, R.J. *see* Bernstein, G.H. 90830
Minniti, R.J. *see* Schulz, R.R. 49568
Minns, T. *see* de Viron, F. 68391
Mino, K., Niki, N., Tamura, I. Neuromagnetic source analysis with a 64-channel SQUID system and MR imaging 76923
Mino, M., Yachi, T., Yanigasawa, K., Tago, A., Tsukamoto, K. Microtransformer with monolithically integrated rectifier diodes for micro-switching converters 91881
Mino, S., Yoshino, K., Yamada, Y., Yasu, M., Moriwaki, K. Optoelectronic hybrid integrated laser diode module using planar lightwave circuit platform 94306
Mino Cao, Tiemin Zhao, Saraswat, K.C., Plummer, J.D. A simple EEPROM cell using twin polysilicon thin film transistors 80320
Minoda, H. *see* Nishida, S. 86811
Minoh, A. *see* Yoshikado, S. 59588
Minomo, K. *see* Sasai, H. 84191
Minomura, S. High pressure studies of lattice and electronic structures of $Si/Si_{1-x}Ge_x$ superlattices 81322
Minomura, S. *see* Takarabe, K. 81795
Minondo, M., Roche, D., Jaussaud, C. Characterization of ultrashallow P^+ profiles by spreading resistance measurements 62399
Minoni, U. *see* Sansoni, G. 58983
Minoni, U. *see* Sansoni, G. 87526
Minor, A., Almazan, S., Suaste, E. Optoelectronic assistance for the disabled 67632
Minor, E.D. *see* Wu, J. 98659
Minor, E.O. *see* Deppe, R.W. 59457
Minot, C., Le Person, H., Palmier, J.F., Sahri, N., Mollot, F., Planel, R. Miniband conduction and electron heating in semiconductor superlattices through time-of-flight experiments 62281
Minot, C. *see* Cadiou, J.F. 92515
Minot, C. *see* Le Person, H. 72654
Minot, K., Aust, M., Kasody, R., Katz, R., Wang, H., Rodgers, P., Smith, D., Shaw, L., Tan, K., Wang, N., Dow, S., Allen, B. A MMIC chip set for V-band crosslink communication systems 86298
Minot, K., Aust, M., Kasody, R., Katz, R., Wang, H., Rodgers, P., Smith, D., Shaw, L., Tan, K., Wang, N., Dow, S., Allen, B. A MMIC chip set for V-band crosslink communication systems 97171
Minot, K. *see* Kobayashi, K.W. 80794
Minov, Yu.D. *see* Budnik, N.N. 87114
Minowa, I., Nakamura, M. Simulation for the current density distribution in a contact spot 92659
Minowa, J. *see* Yanagimachi, T. 63536
Minowa, T. *see* Sato, S. 100396
Minowa, T. *see* Shimizu, K. 85957
Minqian Li *see* Xiaowei Yao 71883
Minqiang Ye *see* Ye Minqiang
Minsheng Wang *see* Wang Minsheng
Minshine Shih *see* Lung-Tien Liu 91716
Minsky, H. *see* DeHon, A. 52134
Minsoo Hahn, Dong-Gyu Kang, Siong Hun Yi, Suk-Hyung Cho Study on the improvement of the synthesized speech quality 73905
Minsoo Hahn *see* Hang Seop Lee 73921
Minster, J.B. *see* Hanson, J.A. 99155
Mints, M.Ya., Chinkov, V.N., Grib, O.G. A method for simultaneous equalization of currents, balancing of phase voltages and compensation of reactive power in three-phase networks 53704
Mints, M.Ya., Chinkov, V.N., Grib, O.G. A combined method for simultaneous balancing of currents and phase voltages and reactive power compensation in three-phase networks 99448
Mintsev, V.B. *see* Azarkevich, E.I. 55506
Mintun, M.A. *see* Townsend, D.W. 98819
Minty, M. Electron beam depolarization in a damping ring 66973
Minty, M., Himel, T., Krejcik, P., Siemann, R.H., Tighe, R. Simulation and analysis of RF feedback systems on the SLC Damping Rings 76510
Minty, M. *see* Adolphsen, C. 76537
Minty, M. *see* Decker, F.-J. 76593
Minty, M. *see* Ellison, M. 66909
Minty, M. *see* Krejcik, P. 76509
Minty, M. *see* Krejcik, P. 87900
Minty, M. *see* Wang, Y. 66910
Minty, M.G. *see* Blinov, B.B. 87861
Minty, M.G. *see* Syphers, M.J. 66966
Mintzer, L. Among DSP design choices — a middle way 70635
Mintzer, R.A. *see* Ordonez, C.E. 88434
Mintzer, R.A. *see* Ordonez, C.E. 98848
Mintzer, R.A. *see* Yasillo, N.J. 98821
Minuco, G. *see* Pinna, G.D. 59391
Minvielle, A. *see* Preil, M.E. 71514
MinWang Qio *see* Tingjie Zhao 63688
Minxian Wu *see* Guoliang Huang 74365
Minxian Wu *see* Wenlu Wang 56489
Minyan Guo *see* Guo Minyan
Minyao Mao, Changjun Kang, Xikang Zhang, Songsheng Tan, Weiyuan Wang, Zhicheng Zhuang, Xiaofeng Jing Selective growth of polycrystalline diamond thin films using bias-enhanced MPCVD 91472
Minyou Hu *see* Hu Minyou
Minzer, S. *see* Bussey, H. 65439
Minzer, S. *see* Paglialunga, A. 96810
Minzer, S. *see* Paglialunga, A. 96818
Miotello, A. *see* Laidani, N. 70125
Miotello, A. *see* Narsale, A.M. 71582
Miotello, A. *see* Verdi, L. 49884
Miotello, A. *see* Verdi, L. 71349
Miozza, M. *see* Brunetti, M.T. 87957
Mir, A. *see* Chaparro, A.M. 81334
Mir, J.A., Harris, T.J., Mathieson, E. Limitations of direct electron counting in soft X-ray spectroscopy 67308
Mir, J.M., Agostinelli, J.A. Optical thin films for waveguide applications 94154
Mir, R. *see* Allport, P.P. 76752
Mir, S., Elbuluk, M.E., Zinger, D.S. PI and fuzzy estimators for tuning the stator resistance in direct torque control of induction machines 100847

Mir, S., Kolarik, V., Lubaszewski, M., Nielsen, M.L.C., Courtois, B. Built-in self-test and fault diagnosis of fully differential analogue circuits 92429

Mir, S.A., Elbuluk, M.E., Zinger, D.S. Fuzzy implementation of direct self-control of induction machines 68636

Mir, S.A., Zinger, D.S., Elbuluk, M.E. Fuzzy implementation of direct self control of induction machines 60235

Mira, J.M. *see* Alonso, C.J.G. 87027

Mirabal Garcia, M. *see* Sanchez Llamazares, J.L. 50231

Mirabedini, M.R., Goodwin-Johansson, S.H., Massoud, H.Z. New properties and applications of electron-beam evaporated silicon in submicron elevated source/drain metal-oxide-semiconductor field-effect transistors 71680

Mirabedini, M.R., Goodwin-Johansson, S.H., Massoud, H.Z., Fair, R.B. Subquarter-micrometre elevated source-and-drain MOSFET structure using polysilicon spacers 81916

Mirabella, O. *see* Cavalieri, S. 57954

Mirabelli, G., Petrolo, E., Velente, E., Cardarelli, R., Santonico, R., Ferrer, M.L. A GaAs transceiver chip for optical data transmission 62952

Miracky, R. *see* Potter, N. 90979

Miragliotta, J.A. *see* Wickenden, D.K. 61280

Miram, G. *see* Caryotakis, G. 67156

Miramontes, G. *see* Richardson, A.O. 92403

Miranda, G.C., Coppoli, E.H.R., Saldanha, R.R., Konrad, A., Filho, J.P. Point-matched time domain finite element method for transmission line transient simulation. II. Application to nonlinear problems 88952

Miranda, G.C., Saldanha, R.R., Konrad, A., Filho, J.P. Point-matched time domain finite element method for transmission line transient simulation. I. Comparison with Bergeron's method 88951

Miranda, G.C. *see* Silva, P.R. 89254

Miranda, J. *see* Rodriguez-Fernandez, L. 98555

Miranda, J.G. *see* Crouch, W.W. 78455

Miranda, J.M., Sebastian, J.L., Krozer, V., Grub, A. A procedure for accurate noise measurements of one port devices with high reflection coefficients 87497

Miranda, R.S. *see* Becker, P.C. 73106

Miranda, R.S. *see* de Barros, M.R.X. 66367

Miranda, V. *see* Saraiva, J.T. 53717

Miranda, V. *see* Saraiva, J.T. 78034

Miraoui, A., Kauffmann, J.M. Methodology of study of an electronic drive influence of the number of phases application to a brushless motor 90509

Miraoui, A. *see* Glises, R. 89952

Mirasso, C.R., Hernandez-Garcia, E. Effects of current modulation on timing jitter of single-mode semiconductor lasers in short external cavities 94472

Mirasso, C.R., Valle, A., Pesquera, L., Colet, P. Simple method for estimating the memory diagram in single mode semiconductor lasers 50843

Mirasso, C.R. *see* Hernandez-Garcia, E. 63768

Mircea, A. *see* Devaux, F. 94187

Mircea, A. *see* Ougazzaden, A. 56435

Mircea, A. *see* Ougazzadeo, A. 94446

Mircea, A. *see* Ponchet, A. 69975

Mircea, D. *see* Rosui, N. 83390

Mirchandani, G. *see* Wang, Z. 84225

Mirchandani, P. *see* Balakrishnan, A. 79571

Mirchina, N.R., Peled, A. Displacement currents by propagating charge packets in capacitor structures I: basic formalism applied to the case of a thin charge packet 50114

Mirchina, N.R., Peled, A. Displacement currents by propagating charge packets in capacitor structures. II. Analysis of the dispersive case 64097

Miremadi, B.K., Singh, R.C., Chen, Z., Morrison, S.R., Colbow, K. Chromium oxide gas sensors for the detection of hydrogen, oxygen and nitrogen oxide 98142

Miremadi, B.K. *see* Zhang, J. 76107

Mireshghi, A., Cho, G., Drewery, J.S., Hong, W.S., Jing, T., Lee, H., Kaplan, S.N., Perez-Mendez, V. High efficiency neutron sensitive amorphous silicon pixel detectors 88120

Mireshghi, A., Cho, G., Drewery, J.S., Hong, W.S., Jing, T., Lee, H., Kaplan, S.N., Perez-Mendez, V. High efficiency neutron sensitive amorphous silicon pixel detectors 98587

Mireshghi, A. *see* Cho, G. 59129

Mireshghi, A. *see* Drewery, J. 59104

Mireshghi, A. *see* Jing, T. 88408

Mirfakhraei, K., Horch, K. Classification of action potentials in multi-unit intrafascicular recordings using neural network pattern-recognition techniques 53421

Mirgazov, R.R. *see* Belolaptikov, I.A. 59156

Miri, A.M. *see* Kopatz, M. 78756

Miridonov, S.V., Kamshilin, A.A., Tentori, D. Low-noise holographic interferometer using photorefractive crystals 73161

Mirin, R. *see* Dudley, J.J. 56807

Mirin, R.P. *see* Babic, D.I. 56741

Mirin, R.P. *see* Babic, D.I. 56808

Mirin, R.P. *see* Ibbetson, J.P. 54839

Mirkamilova, M.S. *see* Bakhardyrkhanov, M.K. 49854

Mirkarimi, P.B. *see* Medlin, D.L. 70126

Mirkazemi-Moud, M., Williams, B.W., Green, T.C. A novel simulation technique for the analysis of digital asynchronous pulse width modulation 49166

Mirkazemi-Moud, M., Williams, B.W., Green, T.C. A novel simulation technique for the analysis of digital asynchronous pulse width modulation 90164

Mirko, O., Ranko, R., Vojlslav, A. A simple and effective method for improving the accuracy of selective audio-frequency voltage measurements 58937

Mirlohi, H.R., Kelly, S.W., Manley, M.C.G. New technique for assessment of velopharyngeal function 98750

Miron, N., Korony, G., Velculescu, V.G. High accuracy absolute laser powermeter calibrated over the whole range 87122

Mironas, A. *see* Ambraveviciene, V. 87329

Mironchenko, Yu.A. *see* Debelyi, A.V. 81803

Mironchikov, E.T., Fedorenko, S.V. Generalized information-set decoding of (L,g)-codes 64289

Mironenko, I. *see* Vendik, O. 73536

Mironov, A.V. *see* Golikova, E.V. 50725

Mironov, F.S. Extinction theorem for stratified medium 94715

Mironov, O. *see* Litvinov, V. 93045

Mironov, S. *see* Anishchenko, N. 94012

Mironov, V. *see* Perelstein, E. 76542

Mironov, V.L., Skoroglyadov, V.V. On the application possibilities of spatial spectral analysis in the problems on state estimation of natural objects 67912

Mironov, V.L. *see* Komarov, S.A. 67781

Mironov, V.P., Martinovich, E.F., Grigorov, V.A. Laser materials based on diamond with GR1 centers 83278

Mironov, V.S. *see* Kaminskii, A.A. 94438

Mironov, V.S. *see* Sukharev, Yu.G. 56560

Mironov, Y.A. *see* Goncharov, I.G. 52934

Miroshnichenko, V.A. *see* Antonov, A.N. 92465

Miroshnikov, M.M. *(editor)* CIS selected papers iconics and thermovision systems (SPIE vol.2106) 69363

Mirowska, N. *see* Misiewicz, J. 72285

Mirri, D., Iuculano, G., Filicori, F., Menchetti, A., Pasini, G., Catelani, M. A broad-band harmonic vector voltmeter based on a random sampling strategy 98243

Mirri, D., Iuculano, G., Menchetti, A., Filicori, F., Pasini, G., Catelani, M. Performance function for time-jittered equispaced sampling wattmeters 98188

Mirshekar-Syahkal, D. Moment method of computing equivalent circuit of coplanar waveguide T-junction 49633

Mirshekar-Syahkal, D., Hassani, H.R., Ofosu, W.K. Application of spectral domain technique in analysis of multi-layer planar antennas and radiating structures 51228

Mirshekar-Syahkal, D., Newson, D.J., Wake, D., Henning, I.D. Wide-band transitions for applications in MMIC's and OEIC's 80754

Mirshekar-Syahkal, D. *see* Hassani, H.R. 94964

Mirshekar-Syahkal, D. *see* Sadeghi, S.H.H. 49036

Mirth, G., Pellegrini, J. Process tube characterization method for photoresist & process comparison 81681

Mirumyants, S.O. *see* Galyatdinov, R.S. 56399

Mirza, A. *see* Al Jabri, A.Kh. 64294

Mirza, M.I. *see* Shakeel, M. 67869

Mirza, M.J. *see* Boyer, K.L. 95719

Mirza, S.A. *see* Awan, M.S. 79766

Mirzak, E.M. *see* Blinov, I.F. 78481

Mirzamaani, M., Russak, M.A., Jahnes, C.V. Thin film disks for high density recording with textured underlayers 63236

Mirzoev, F.K. *see* Golubev, V.S. 57033

Mirzoeva, L.A., Cherkasov, Yu.A., Alexandrova, E.L., Rumjantzev, A.I., Smirnov, M.V., Konstantinov, V.B., Drojjin, V.V., Chaika, A.N. Information storage and processing using accumulators based on optical holographic memory 72290

Mirzojan, A. *see* Hurd, J.W. 76590

Misaka, A., Harafuji, K., Nakagawa, H., Kubota, M. A simulation of micro-loading phenomena in dry-etching process using a new adsorption model 93173

Misaka, A. *see* Harafuji, K. 62500

Misaki, T. *see* Kobayashi, F. 64745

Misaki, T. *see* Tsuboi, H. 90651

Misawa, A. *see* Tsukada, M. 65544

Misawa, G. *see* Nakayama, K. 86984

Misawa, H. *see* Gunji, S. 88317

Misawa, H. *see* Hiraki, M. 70427

Misawa, K., Nakata, T., Takahashi, N., Fujiwara, K. Three dimensional magnetic field analysis of three-phase gas insulated bus duct 60387

Misawa, K. *see* Ullrich, B. 63996

Misawa, S., Aoki, M., Fujita, S., Takaura, A., Kihara, T., Yokomori, K., Funato, H. Focusing waveguide mirror with a tapered edge 63433

Misawa, S. *see* Changxin Zhu 81561

Misawa, S. *see* Hirabayashi, Y. 66339

Misawa, S. *see* Niki, S. 61269

Misawa, Z., Hasegawa, T., Kouchi, H. Simul-production in HDTV and NTSC 97646

Mischke, R. *see* Barakat, M. 98712

Miscio, G. *see* Grandori, F. 53423

Mishak, A. *see* Kikineshi, A. 73138

Mishanina, M.G., Muzychuk, O.V. Effect of intense pump-signal amplitude fluctuations on noise characteristics of single-circuit parametric amplifier 49182

Mishima, H. *see* Kitawaki, N. 58245

Mishima, K. *see* Kakuma, S. 94453

Mishima, N., Kuroda, Y., Kobayashi, R., Takagi, T. 1.9 GHz low-loss surface acoustic wave filter: lift-off method and 3 mm square small size package 71916

Mishima, T. *see* Koyanagi, K. 83263

Mishima, T. *see* Kudo, M. 48913

Mishima, T. *see* Mochizuki, K. 70003

Mishima, T. *see* Washima, M. 71716

Mishima, Y., Takei, M. Non-mass-separated ion shower doping of polycrystalline silicon 62139

Mishima, Y. *see* Hasebe, N. 59057

Mishima, Y. *see* Honda, K. 52180

Mishin, A.V. Accelerator structure for low-energy electron beam 66810

Mishin, E., Hagfors, T. On heat flow contribution to plasma line frequency in the F region 59544

Mishina, H., Yuasa, T. Quality evaluation of color hard copy 84639

Mishina, M. *see* Baumbaugh, B. 59149

Mishnayevskiy, P.A. *see* Gordon, G.I. 63723

Mishnev, S.I. *see* Anashin, V.V. 76538

Mishra, A.K. *see* Singh, S.K. 61044

Mishra, B.K., Pradeep, V., Chakrabarti, P. Microwave characterization of an optically controlled high electron mobility transistor 55405

Mishra, B.K. *see* Chakrabarti, P. 62877

Mishra, C.S., Harfoush, F.A. Stability of beam in the Fermilab Main Injector 66943

Mishra, C.S., Harfoush, F.A., Johnstone, J. Simulation of slow extraction in the Main Injector 66942

Mishra, C.S., Haroush, F.A. Correction schemes to improve the dynamical aperture of the Main Injector 66944

Mishra, C.S. *see* Harding, D.J. 76676

Mishra, C.S. *see* Harfoush, F.A. 66945

Mishra, D.K. Microcomputer based intelligent instrumentation system for automatic testing of microprocessors 75865

Mishra, G. The effects of a wiggler on cyclotron maser instability 50715

Mishra, G., Yadav, U.S. The effect of plasma on metal grating free electron laser 56821

Mishra, G. *see* Gallerano, G.P. 83191

Mishra, G.C. *see* Raman Suri, C. 98137

Mishra, J.K. *see* Dash, G.N. 55406

Mishra, M. *see* Vishwakarma, S.R. 55720

Mishra, P.K., Bandopadhyaya, T.K. Signal degradation in step index multimode optical fibres using eye pattern technique at low bit rates 50454

Mishra, P.P. *see* Bhagwat, P. 65276

Mishra, R.K., Panchanathan, V. Microstructure of high-remanence Nd-Fe-B alloys with low-rare-earth content 71937

Mishra, R.K. *see* Fuerst, C.D. 50386

Mishra, S., Tiwari, S. A novel technique for enhancing efficiency and stability of CdTe based photoelectrochemical solar cells 100764

Mishra, S. *see* Pal, B.B. 50672

Mishra, S.R. *see* Larose, C.L. 65876

Mishra, S.R. *see* Mongia, R.K. 76177

Mishra, S.R. *see* Trueman, C.W. 87481

Mishra, U.K., Shealy, J.B. InP-based HEMTs: status and potential 55398

Mishra, U.K., Wei-Nan Jiang Planar cold cathodes 62061

Mishra, U.K. *see* Hashemi, M.M. 62887

Mishra, U.K. *see* Ibbetson, J.P. 54839

Mishra, U.K. *see* Jiang, W.N. 62067

Mishra, U.K. *see* Nguyen, N.X. 62905

Mishra, U.K. *see* Shealy, J.B. 62906

Mishra, U.K. *see* Wei-Nan Jiang 62057

Misiakos, K. *see* Kavadias, S. 53319

Misic, J., Jovanovic, Z. Routing function and deadlock avoidance in a star graph interconnection network 74965

Misic, P. *see* Abt, N.E. 82181

Misiewicz, J., Bryja, L., Jezierski, K., Szatkowski, J., Mirowska, N., Gumienny, Z., Placzek-Popko, E. Zn_3P_2—a new material for optoelectronic devices 72285

Misiura, L.Z. *see* Lewoc, J.B. 65057

Miske, S.A., Jr. *see* Larsen, E.V. 68063

Mis'kevich, A.I. *see* Mavlyutov, A.A. 82912

Miskinis, R.A., Rutkowski, P.F. Frequency conversion in surface acoustic wave devices on n-GaAs 82227

Miskovsky, N.M. *see* Chung, M.S. 62053

Miskovsky, N.M. *see* Huang, Z.-H. 62079

Miskovsky, N.M. *see* Miskovsky, S.N. 67260

Miskovsky, S.N., Miskovsky, N.M., Cutler, P.H. Calculated I-V characteristics of a gold liquid metal ion source for a prototype emitter modeled as a cone-sphere 67260

Miskowiec, D., Grosse, E., Senger, P., Walus, W. Threshold Cherenkov detectors for a meson trigger in a magnetic spectrometer 98541

Miskulim, M.S. *see* Milanez, D.L. 68591

Mismar, M.J., Zabalawi, I.H. Complex coefficient FIR digital filters 84188
Misra, D., Bingda Wang Elimination of cross sensitivity in a three-dimensional magnetic sensor 52791
Misra, D., Purbo, O.W., Selvakumar, C.R. Process modification to reduce damage to reactive ion etched surfaces 62424
Misra, D. *see* Khandige, S. 87440
Misra, D. *see* Pournaropoulos, C.L. 75931
Misra, D. *see* Tendeku, F. 87439
Misra, D.K., McKelvey, J.A. A quasistatic method for the characterization of stratified dielectric materials using an open-ended coaxial probe 98264
Misra, N., Baghzouz, Y. Implementation of the unit commitment problem on supercomputers 59773
Misra, N. *see* Kumar, N. 61012
Misra, P.N. Integrated use of GPS and GLONASS in civil aviation 53506
Misra, P.N., Abbot, R.I. SGS85−WGS84 transformation 97487
Misra, R. *see* Greve, D.W. 91483
Misra, R.B. *see* Patra, S. 53702
Misra, R.B. *see* Patra, S. 59697
Misra, S., Padhi, H.C. Preparation and characterization of $(Bi_2S_3)_{1-x}(CdS)_x$ solid solution thin films 54937
Misra, S.C. *see* Mahant, A.K. 67359
Misra, T.N. *see* Sen, S. 60405
Misra, V., Hattangady, S., Xu, X.-L., Watkins, M.J., Hornung, B., Lucovsky, G., Wortman, J.J., Emmerichs, U., Meyer, C., Leo, K., Kurz, H. Integrated processing of stacked-gate heterostructures: Plasma-assisted low temperature processing combined with rapid thermal high-temperature processing 93430
Misra, V., Hattangady, S.V., Yasuda, T., Xu, X.-L., Hornung, B., Lucovsky, G., Wortman, J.J. Low-temperature plasma-assisted oxidation combined with in situ rapid thermal oxide deposition for stacked-gate Si-SiO_2 heterostructures: integrated processing and device studies 93217
Missaggia, L.J. *see* Liau, Z.L. 63915
Missaggia, L.J. *see* Livas, J.C. 50491
Missaggia, L.J. *see* Livas, J.E. 63743
Missell, F.P. *see* Politano, R. 50180
Misser, H.S. *see* Nieuwenhuis, L.J.M. 96841
Missert, N. *see* Berkowitz, S.J. 82352
Missert, N. *see* Reintsema, C.D. 93949
Missimer, J. *see* Horvath, D. 53123
Missimer, J. *see* Townsend, D.W. 98819
Missiroli, M., Muratore, F., Palestini, V., Pattini, F. DS-CDMA access for mobile communications: Performance and comparisons with other techniques 86100
Missiroli, M. *see* Frullone, M. 51792
Misson, M.J. *see* Val, T. 52092
Missous, M. *see* O'Hagan, S. 69974
Mistree, F. *see* Bras, B. 80418
Mistree, F. *see* Koch, P. 69516
Mistry, L.R., Hokinson, R., Gieseke, B., Fox, T.F., Preston, R.P., Doyle, B.S. Voltage overshoots and n-MOSFET hot carrier robustness in VLSI circuits 63015
Mistry, R.R., Fishbein, B.J., Doyle, B.S. Effect of plasma-induced charging damage on n-channel and p-channel MOSFET hot carrier reliability 62773
Mistry, S.D., Rodrigues, C.R., Ventrice, C.A. Temporal gain and energy density profiles for a carbon dioxide laser beam amplifier 82932
Mistry, S.I., Chang, S.-L., Nair, S.S. Experimental implementation of neural control architectures for a class of nonlinear dynamic systems 60516
Misu, K. *see* Nagatsuka, T. 93812
Misukanis, G. *see* Morin, J. 65271
Misuriello, H. *see* Vine, E.L. 99591
Mita, M., Kumakura, T., Inoue, S., Hiraki, Y. Advanced TAB/BGA multi-chip stacked module for high density LSI packages 48681
Mita, N. An accelerated life test method for highly reliable on-board TWT's with a coated impregnated cathode 71049
Mita, S. *see* Maeda, T. 50607
Mita, S. *see* Matsui, M. 97632
Mita, Y. *see* Take, K. 97124
Mita, Y. *see* Take, K. 97125
Mital, D.P., Eam Khwang Teoh, Lim, A.W.T. A hybrid method towards the segmentation of range images for 3-D object recognition 95733
Mital, D.P., Goh Wee Leng An autoregressive approach to surface texture analysis 95729
Mital, D.P., Goh Wee Leng, Gupta, S.K. An automatic rotation invariant recognition technique for colour objects and patterns 95821
Mital, D.P. *see* Chan, S.P. 90927
Mital, D.P. *see* Gupta, S.K. 65953
Mital, D.P. *see* Suganthan, P.N. 92789
Mitamura, H. *see* Sakakibara, T. 97975
Mitamura, K. *see* Kyuwa, S. 53634
Mitamura, K. *see* Kyuwa, S. 68096
Mitamura, K. *see* Kyuwa, S. 77944
Mitamura, M. *see* Torikoshi, M. 53138
Mitamura, T. *see* Fujita, K. 86094
Mitani, K. *see* Sugawara, M. 75728
Mitani, K. *see* Toyoda, Y. 97661
Mitani, M. *see* Kumai, W. 53751
Mitani, Y. *see* Eguchi, T. 93420
Mitani, Y.-I. *see* Akishita, S. 63105
Mitarai, S. *see* Sugimitsu, T. 67251
Mitas, D.W., Stresewski, J.E., Lausman, R.L., Felsher, W.M., Jr. FGDPRISM: real world application experience 89575
Mitchel, G.R., Towne, N.A. Characterization of subnanosecond heavy-ion bunches at the TASCC superconducting cyclotron 76586
Mitchel, W.C., Brown, G.J., Lo, I., Elhamri, S., Ahoujja, M., Ravindran, K., Newrock, R.S., Razeghi, M., Xiaguang He Interface roughness scattering in thin, undoped GaInP/GaAs quantum wells 81331
Mitchel, W.C. *see* Ikai Lo 81267
Mitchel, W.C. *see* Ikai Lo 93016
Mitchell, A.M.J. Analyzing the double exponential pulse 64160
Mitchell, A.W. *see* Tait, R.N. 66196
Mitchell, B., Reidlinger, D. Creating an ISDN distance education network 96790
Mitchell, B.F. *see* Murry, R.J. 54431
Mitchell, C. Installing CEMS under the Clean Air Amendments of 1990 89615
Mitchell, C., Harper, M., Jamieson, L. Comments on "Reducing computation in HMM evaluation" 95242
Mitchell, C.D., Jamieson, L.H. Modeling duration in a hidden Markov model with the exponential family 84042
Mitchell, C.D. *see* Ying, G.S. 84134
Mitchell, C.J. Constructing c-ary perfect factors 79520
Mitchell, D. *see* Aldred, B. 85764
Mitchell, D.T. *see* Lerner, L. 83320
Mitchell, E.E. *see* Clark, R.G. 83571
Mitchell, E.W. *see* Scheuer, T.E. 97451
Mitchell, G. *see* Kaltenborn, R.D. 96687
Mitchell, G.S. *see* Hertzler, J. 53326
Mitchell, H. Telework, teletrade and open electronic networking 75057
Mitchell, H.B. *see* Mor, I. 95793
Mitchell, I.H., Bayley, J.M., Chittenden, J.P., Choi, P., Worley, J.F., Dangor, A.E., Haines, M.G. The MAGPIE generator 68934
Mitchell, I.V. *see* Chang, W.I. 93229
Mitchell, J., Ferne, A. Cascading data compressors in the broadcast chain 75702
Mitchell, J.D. *see* Foo, T.K.F. 53375
Mitchell, J.K. *see* Atallah, K. 78537
Mitchell, J.R. *see* Berkowitz, A.E. 72193
Mitchell, J.T. *see* Gong, W.G. 88119
Mitchell, J.W. *see* Hof, M. 67310
Mitchell, K. *see* Worboys, M.R. 66623
Mitchell, K.G., Penman, J. Assuring conformity in three dimensional self adaptive mesh generation for the finite element method [EM problems] 48883
Mitchell, K.W. *see* King, R.R. 100631
Mitchell, K.W. *see* Pauls, K.L. 100639
Mitchell, L., Sze-Ching Lu Specifications and validations of Inmarsat aeronautical system protocols 97170
Mitchell, L.W. *see* Jorgens, V. 59161
Mitchell, M. *see* Aggarwal, G.M. 89430
Mitchell, M.A., Nguyen, T. Fault test structures for studying circuit performance 61628
Mitchell, M.A. *see* Busta, H.H. 92844
Mitchell, N. Conductor designs for the ITER toroidal and poloidal magnet systems 82407
Mitchell, N. Optimisation of Nb_3Sn cable-in-conduit superconductors for application to pulsed tokamak coils 82463
Mitchell, N. *see* Blau, B. 82440
Mitchell, N.A. *see* Arora, K. 94845
Mitchell, N.C. *see* Hughes Clarke, J.E. 99142
Mitchell, N.F., O'Gorman, J., Hegarty, J., Connolly, J.C. Electro-optic modulation using asymmetric Fabry-Perot laser diode amplifiers 72430
Mitchell, O.R. *see* Huang, C.T. 51604
Mitchell, O.R. *see* Hung, D.C.D. 57918
Mitchell, P.J. *see* Adcock, P.L. 54191
Mitchell, R.H. Liquid nitrogen cooled colour centre laser cryostat 56678
Mitchell, R.L. *see* Witt, C.E. 100725
Mitchell, S.C. *see* Velsko, S.P. 63702
Mitchell, S.G. *see* Weisburn, B.A. 76874
Mitchell, S.J.N. *see* Quinn, L.J. 93429
Mitchell, S.J.N. *see* Wu, Y. 49865
Mitchell, T. *see* Zieren, V. 50257
Mitchell, T.W. *see* Ma, J. 62974
Mitchison, N. *see* Nordvik, J.-P. 60883
Mitel'man, M.V. *see* Babushkin, G.I. 60635
Mitenkov, F.M., Vostokov, V.S., Drozhkin, V.N., Samoilov, O.B. Cost-effectiveness of low-power nuclear power plants 68372
Mitera, H. *see* Hayashi, Y. 50499
Miteran, J. *see* Robert, M. 49483
Mitev, K.D., Zagorski, R.D., Jerkov, G.J., Martchev, Z.B., Simeonova, L.I. MIKSCAN-16 data acquisition and control system 52768
Miteva, S. *see* Nedkov, I. 72212
Miti, E.J.K. *see* El-Kassas, I.A. 80130
Mitiche, A. Three-dimensional interpretation of continuous image motion of straight lines 64555
Mitin, G.G. *see* Gorelik, V.S. 56887
Mitin, L.A., Volovitenkova, I.L. Theory of a hybrid beam-plasma amplifier 81141
Mitin, L.A. *see* Antonov, A.N. 92465
Mitin, L.A. *see* Batskikh, G.I. 81145
Mitin, L.A. *see* Bliokh, Yu.P. 92464
Mitin, V. Microsensors of temperature, magnetic field, and strain 97968
Mitin, V. *see* Gaska, R. 81270
Mitin, V. *see* Gruzinskis, V. 70881
Mitin, V. *see* Gruzinskis, V. 92552
Mitkas, P.A., Beyette, F.R., Jr., Feld, S.A., Irakliotis, L.J., Wilmsen, C.W. Optoelectronic parallel processing with straight-pass optical interconnections and smart pixel arrays 50627
Mitkas, P.A., Irakliotis, L.J. Three-dimensional optical storage for database processing 63360
Mitkas, P.A., Sastry, S.P. Text pattern matching based on a high-speed signal processor 58655
Mitkovets, A.I. *see* Gribkovskii, V.P. 63763
Mitlehner, H., Schulze, H.-J. Current developments in high-power thyristors 81853
Mitlehner, H. *see* Ruff, M. 62633
Mito, H., Tani, Y., Okuda, Y., Todokoro, Y., Tatsuta, T., Sawai, M., Tsuji, O. Application of CVD anti-reflective-layer process for sub-half micron device 71518
Mito, T., Yamada, S., Takahata, K., Yanagi, N., Chikaraishi, H., Nishimura, A., Tanahashi, S., Motojima, O., Yamamoto, J., Uede, T., Hiue, H., Ueda, K., Itoh, I., Ikeda, M., Inoue, I. Development and tests of a flexible superconducting bus-line for the Large Helical Device 89302
Mito, T. *see* Iwamoto, A. 93989
Mito, T. *see* Kawashima, T. 72263
Mito, T. *see* Nishimura, A. 82433
Mito, T. *see* Satoh, S. 93984
Mito, T. *see* Sumiyoshi, F. 82492
Mito, T. *see* Takahata, K. 82416
Mito, T. *see* Yamada, S. 72257
Mitomi, O., Kasaya, K., Miyazawa, H. Design of a single-mode tapered waveguide for low-loss chip-to-fiber coupling 82626
Mitomi, O. *see* Noguchi, K. 63477
Mitomi, O. *see* Sakai, Y. 72401
Mitoseriu, L. *see* Tura, V. 63083
Mitosinka, J., Korec, J., Golany, M. Automation information system of NPP A 1 78321
Mitra, A.K. Higher order mode dampers for the KAON booster cavity 67119
Mitra, A.K., Lu, J.J. Filament power supply improvement of the TRIUMF RF system 68751
Mitra, D., Mitrani, I. Efficient window flow control for high speed data networks with small buffers 65193
Mitra, D. *see* Elwalid, A.I. 96170
Mitra, H. *see* Pal, B.B. 56533
Mitra, K.S., Shentov, O.V. Fast approximate calculation of the two-dimensional discrete Fourier transform 57763
Mitra, M., Banerjee, B., Roy, S.K. Development of gold plating techniques for integral heat sink of IMPATT diodes 55407
Mitra, M. *see* Goswami, B. 88481
Mitra, N. An introduction to the ASN.1 MACRO replacement notation 85292
Mitra, N. Efficient encoding rules for ASN.1-based protocols 85293
Mitra, P., Schimert, T.R., Case, F.C., Tyan, Y.L., Kestigian, K., Starr, R., Weiler, M.H., Reine, M.B. Iodine doping and MOCVD in situ growth of HgCdTe p-on-n heterojunctions 91526
Mitra, P., Tyan, Y.L., Schimert, T.R., Case, F.C. Donor doping in metalorganic chemical vapor deposition of HgCdTe using ethyl iodide 71292
Mitra, S., Pal, S.K. Self-organizing neural network as a fuzzy classifier 51404
Mitra, S. *see* Avadhanam, N. 57812
Mitra, S. *see* Basu, P. 78435
Mitra, S. *see* Kher, A. 57917
Mitra, S. *see* Kher, A. 85109
Mitra, S. *see* Pal, S.K. 64580
Mitra, S. *see* Ward, C. 85286
Mitra, S.K., Tian-Hu Yu, Ali, R. Efficient detail-preserving method of impulse noise removal from highly corrupted images 64649
Mitra, S.K. *see* Lightstone, M. 49550
Mitra, S.K. *see* Petraglia, M.R. 74089
Mitra, S.K. *see* Sung-Hwan Jung 64684
Mitra, S.K. *see* Tian-Hu Yu 96118
Mitra, S.N. *see* Hadnagy, T.D. 55255
Mitra, T.K. *see* Goswami, B. 88481
Mitra, U., Poor, H.V. Neural network techniques for multi-user demodulation 65572
Mitrakos, D.K. Performance evaluation of dynamic TDMA schemes for voice packet transmission over radio networks 58283
Mitran, I., Andras, I. The method of penalization in min-max optimality. Applications in mining domain 61125
Mitrani, I., Wright, P.E. Routing in the presence of breakdowns 74902
Mitrani, I. *see* Mitra, D. 65193
Mitreski, M. *see* Grozdanov, I. 91545
Mitrochenko, V.V. *see* Aizatskii, N.I. 87798
Mitrofanov, D.G. Determination of the secondary Doppler frequencies for the scattering elements of an object using mathematical models of the reflected signal 75580
Mitrofanov, D.G., Sokolov, A.S., Titarenko, A.I. Doppler frequency analysis of the signals of orthogonal planes for constructing radar images 58457

Mitrofanov, S.S. *see* Latyev, S.M. 98300
Mitrofanov, V.P. *see* Bilenko, I.A. 52755
Mitropol'skii, O.V. *see* Betin, A.A. 82900
Mitropoulos, A. *see* Stubos, A.K. 79430
Mitropoulos, S., Veldkamp, W. Integrated distributed management in interconnected LANs 58071
Mitrou, N. *see* Domingo, J. 57940
Mitrou, N.M., Kontovasilis, K.P., Kroner, H., Iversen, V.B. Statistical multiplexing, bandwidth allocation strategies and connection admission control in ATM networks 57938
Mitrou, N.M., Koukos, A.K. An effective-rate enforcement algorithm for ATM traffic and its hardware implementation 51778
Mitrou, N.M. *see* Kontovasilis, K.P. 64985
Mitrovic, M. *see* Carman, G.P. 91668
Mitrovic, N. *see* Jeftenic, B.I. 89972
Mitrovic, N. *see* Stojanovic, D. 77825
Mitrunen, A. *see* Englund, M. 90095
Mitrushchenkov, Yu.A. *see* Bogdanov, Yu.I. 81389
Mitryukhin, A.G. *see* Blagoveshchenskii, A.Ya. 53902
Mitsa, T., Varkur, K.L. Evaluation of contrast sensitivity functions for the formulation of quality measures incorporated in halftoning algorithms 85011
Mitsai, Y.N. *see* Volyar, A.V. 56351
Mitsai, Y.N. *see* Volyar, A.V. 56364
Mitschke, F. Scattering in fibers: is there chaos? 50476
Mitschke, F. *see* Dammig, M. 82551
Mitsubori, K., Saito, T. An autonomous hyperchaos generator with a piecewise linear diode 80161
Mitsuda, Y. *see* Kirimura, H. 79946
Mitsugi, S. The present and future of FPGA 80233
Mitsuhara, M. *see* Sugiura, H. 69948
Mitsuhashi, H. *see* Kamata, A. 91460
Mitsuhashi, J., Komori, J., Eimori, T., Koyama, H. Junction evaluation by time dependent degradation due to high constant voltage stressing [DRAMs] 49440
Mitsuhashi, J. *see* Komori, J. 49724
Mitsuhashi, J. *see* Maeda, S. 71691
Mitsuhashi, K. *see* Kotaki, H. 91447
Mitsuhashi, M. *see* Yokota, S. 99720
Mitsuhashi, R., Aoki, Y., Kouno, M., Hatsuda, T. Detection of a straight metal tube by snow search radar 77633
Mitsuhashi, T. *see* Kobayashi, Y. 66906
Mitsuhashi, T. *see* Miyake, Y. 51605
Mitsuhashi, T. *see* Ohmori, Y. 90548
Mitsuhashi, T. *see* Yano, S. 64874
Mitsui, A. *see* Terada, K. 98866
Mitsui, H. Electrical insulation technology for superconducting magnets in Japan 82456
Mitsui, H., Kumazawa, R., Tanii, T., Chugun, T., Ohsawa, Y., Ozaki, T., Takayama, K. Synchrotron radiation damage test of insulating materials in the TRISTAN MR 76464
Mitsui, H. *see* Krahenbuhl, F. 82163
Mitsui, M. *see* Yano, K. 81791
Mitsui, S., Ikeda, K. Trends in Mitsubishi Electric's semiconductor devices for fiber-optic communications 86355
Mitsui, S. *see* Kashiwa, T. 80774
Mitsui, S. *see* Mihashi, Y. 72805
Mitsui, S. *see* Nakatani, M. 71469
Mitsui, S. *see* Ochi, S. 54963
Mitsui, S. *see* Sasaki, H. 78825
Mitsui, S. *see* Shimura, T. 92529
Mitsui, S. *see* Yoshida, N. 61900
Mitsui, S. *see* Yoshida, N. 71732
Mitsui, S. *see* Yoshida, N. 92525
Mitsui, Y. *see* Higashisaka, N. 75162
Mitsui, Y. *see* Kashiwa, T. 80774
Mitsui, Y. *see* Matsuura, Y. 93163
Mitsui, Y. *see* Shiiki, K. 72191
Mitsuishi, M. *see* Takahashi, H. 61705
Mitsumoto, H. *see* Mizuno, H. 97641
Mitsumoto, K. *see* Akioka, T. 70538
Mitsumoto, M. *see* Yamaguchi, Y. 58491
Mitsunaga, M., Uesugi, N., Sasaki, H., Karaki, K. Holographic motion picture by Eu^{3+}:Y_2SiO_5 57004
Mitsuoka, S. *see* Sugimitsu, T. 67251
Mitsuya, T. *see* Ishihara, T. 50793
Mitsuyuki, S. *see* Ishida, H. 96890
Mitsuzawa, K. *see* Momma, H. 99279
Mitsuzuka, T. *see* Kamijo, A. 63120
Mitsuzuka, T. *see* Yamaguchi, I. 93959
Mitsuzuka, T. *see* Yoshikawa, S. 93966
Mittal, J.K. *see* Dixit, S.K. 72947
Mittal, M. *see* Said, R.A. 93562
Mittal, R. *see* Cherian, D. 96666
Mittasch, C., Diethmann, S.-I. Optimized selection of servers for reduced response time in RPC 85802
Mittelman, N. *see* Pratt, H. 53431
Mittelmann, H.D., Chang, K.-T., Jankowski, D.F., Neitzel, G.P. Iterative solution of the eigenvalue problem in Hopf bifurcation for the Boussinesq equations 54783
Mittelstadt, B.D. *see* Taylor, R.H. 67628
Mittelstadt, W.A. *see* Rajkumar, V. 89000
Mittelstadt, W.A. *see* Yu Wang 88946
Mittendorfer, R. *see* Manser, H. 69404
Mitter, S. *see* Eide, E. 84074
Mittereder, J.A. *see* Tadayon, B. 62192
Mitterer, S. *see* Kautek, W. 67613
Mittermaier, W., Holzman, G. Digital Radiocommunication Tester CMD 55: GSM and PCN tester in one compact unit 87347
Mittermeier, E. *see* Strahle, S. 62903
Mittig, W. *see* Auger, G. 98385
Mittl, S. *see* Koburger, C. 70397
Mittleman, S.D., Herd, J.S., Kenny, J.P., Poles, L.D., Champion, M.H., Rainville, P.J., Silva, J.H. Development of a 20 GHz scanned beam microstrip antenna array with a proximity coupled YBCO feed network 95029
Mittler, M., Tran-Gia, T. Performance of a neural net scheduler used in packet switching interconnection networks 64901
Mittnik, S. *see* Zadrozny, P.A. 73568
Mittra, R., Boag, A., Boag, A. A new look at the absorbing boundary condition issue for FEM mesh truncation in open region problems 73255
Mittra, R., Chebolu, S., Becker, W.D. Efficient modeling of power planes in computer packages using the finite difference time domain method 79351
Mittra, R. *see* Becker, W.D. 54524
Mittra, R. *see* Becker, W.D. 79323
Mittra, R. *see* Boag, A. 51060
Mittra, R. *see* Boag, A. 51077
Mittra, R. *see* Boag, A. 57082
Mittra, R. *see* Epp, L.W. 73499
Mittra, R. *see* Harms, P. 94949
Mittra, R. *see* Jandhyala, V. 61217
Mittra, R. *see* Varadarajan, V. 54809
Mittra, R. *see* Wang, J.-S. 49673
Mittra, R. *see* Wang, J.-S. 51190
Mittra, R. *see* Whites, K.W. 73283
Mittrich, M. *see* Kaiser, N. 52513
Mitui, H. *see* Takasaki, I. 92867
Mitura, S. *see* Mycielski, W. 81175
Mitura, S. *see* Szmidt, J. 81854
Mitutoshi Hirata *see* Changzhi Gu 66579
Mitwalsky, A. *see* Karg, F. 100500
Mityakov, N.A. *see* Erukhimov, L.M. 73357
Mityukhlyaev, V.B. Electron-beam-induced oxidation of CdS 81544
Mityukhlyaev, V.B., Matin, E.N. Study of luminophore coating of a color kinescope by scanning electron microscopy and Auger spectroscopy 63567
Mitzel, D.J., Estrin, D., Shenker, S., Lixia Zhang An architectural comparison of ST-II and RSVP 65041
Mitzias, D.A., Mertzios, B.G. Shape recognition with a neural classifier based on a fast polygon approximation technique 57862
Miu, D. *see* Sandu, V. 79932
Miura, A., Matsumoto, H. Development of an S-band RF window for linear colliders 67160
Miura, A., Yakihara, T., Kobayashi, S., Oka, S., Nonoyama, A., Fujita, T. InAlGaAs/InGaAs HBT 61915
Miura, A., Yakihara, T., Kobayashi, S., Oka, S., Nonoyama, A., Fujita, T. Hybrid RBT with resonant-tunneling-diode and hetero-bipolar-transistor on InP substrate 62711
Miura, A. *see* Egusa, S. 63585
Miura, A. *see* Komori, T. 94053
Miura, A. *see* Matsumoto, H. 67116
Miura, A. *see* Mizuno, F. 54549
Miura, A. *see* Mizuno, F. 79452
Miura, A. *see* Naito, K. 49730
Miura, H. *see* Yasuda, T. 63111
Miura, I. The Research Center for Nuclear Physics Ring Cyclotron 76403
Miura, K., Hosoya, T., Tanabe, Y., Imai, K., Aoki, T. Fabrication technology of 0.5 μm BiCMOS full-custom LSIs 50110
Miura, K., Nakamae, K., Fujioka, H. Automatic tracing of transistor-level performance faults with CAD-linked electron beam test system 50099
Miura, K. *see* Nakamae, K. 62942
Miura, M., Obata, A., Noro, Y. Anomalous magnetic behaviour of nanocrystalline FeTaC films at high temperature 50222
Miura, N. Solid state physics in megagauss fields generated by electromagnetic flux compression and single-turn coils 83567
Miura, N., Ohsawa, K., Baba, N. Single-frame blind deconvolution by means of frame segmentation 57701
Miura, N. *see* Barnes, D.J. 55592
Miura, N. *see* Kurachi, I. 55992
Miura, N. *see* Nojiri, H. 83575
Miura, N. *see* Takamasu, T. 82003
Miura, N. *see* Tamaki, J. 76109
Miura, N. *see* Yamazoe, N. 99300
Miura, R., Suzuki, R., Hamamoto, N., Matsumoto, Y. Active array antenna with ceramic substrate for TDM/TDMA mobile satellite communications 75296
Miura, S. Algebraic geometric codes on certain plane curves 83943
Miura, S., Hamada, T., Itoh, H., Nagata, K., Funada, S. Microwave TDMA communication system for rural area 65562
Miura, S., Hoshi, A., Nakagawa, Y. Longevity of high power resistive magnets cooled by oxygen-free water 82490
Miura, S., Yoshitake, T., Tsuge, H., Inui, T. Properties of shielded microstrip line resonators made from double-sided $Y_1Ba_2Cu_3O_x$ films 80619
Miura, S. *see* Fahey, J. 81648
Miura, S. *see* Morioka, M. 96612
Miura, S. *see* Takagi, H. 56030
Miura, T., Takahashi, T., Kobayashi, M. Accurate Q-factor evaluation by resonance curve area method and its application to the cavity perturbation 87456
Miura, T. *see* Asamaki, T. 79900
Miura, T. *see* Okamura, M. 59023
Miura, T. *see* Saitoh, Y. 71780
Miura, T. *see* Suzuki, S. 50197
Miura, Y. Advances in magnetic disk storage technology 72081
Miura, Y., Fujieda, S., Hirose, K. Different Fermi-level pinning positions between epitaxial and rotational Al/Si interfaces 81349
Miura, Y., Li, J., Wang, L., Naito, S. Four-valued logic system and its application to describing the specification and design verification of combinational circuits 55181
Miura, Y., Sakota, M., Shimada, R. Force-free coil principle applied to helical winding 72266
Miura, Y. *see* Hayama, H. 87393
Miura, Y. *see* Koukitu, A. 54873
Miura, Y. *see* Murakawa, T. 89635
Miura, Y. *see* Niyazaki, S. 81365
Miura, Y. *see* Yamagata, Y. 78674
Miura Norio *see* Norio Miura
Miura-Mattausch, M. Analytical MOSFET model for quarter micron technologies 49976
Miura-Mattausch, M., Feldmann, U., Rahm, A., Bollu, M., Savignac, D. Unified complete MOSFET model for analysis of digital and analog circuits 91824
Mivehchi, E., Horrocks, D.H., Iranmanesh, H., Beckley, P. Domain wall speed measurement of Si-Fe samples at 50 Hz magnetisation from dynamic SEM images 63153
Miville, B. *see* Gauthier, M.-F. 77471
Miwa, H. *see* Nakao, Y. 55287
Miwa, H. *see* Saito, K. 67129
Miwa, S. *see* Haga, Y. 69956
Miwa, S. *see* Takahashi, S. 86534
Miwa, T. *see* Ohkawa, K. 96428
Miwa, T. *see* Otsuka, K. 91679
Miwa, Y. Stability of an active two port network in terms of S parameters 49540
Miwa, Y. Stability conditions of terminated two-port 91697
Miwada, K., Kimura, T., Akiyama, Y., Shimada, K., Yamamoto, H., Yamamoto, J. 3.6 K bit color CCD linear image sensor μPD3726D 66478
Mixon, D.A., Bohrer, M.P., Alonzo, J.C. Effect of partial deprotection on lithographic properties of t-butoxycarbonyloxystyrene-containing polymers 81638
Mixon, D.A. *see* Novembre, A.E. 62560
Miya, K. *see* Badics, Z. 80003
Miya, K. *see* Badics, Z. 80011
Miya, K. *see* Kinoshita, N. 86155
Miya, K. *see* Pavo, J. 80005
Miya, K. *see* Takeda, N. 82307
Miya, K. *see* Uesaka, M. 59037
Miya, K. *see* Yoshida, Y. 82331
Miya, T. *see* Hibino, Y. 50549
Miya, T. *see* Umemoto, T. 61941
Miyabo, K. *see* Tanaka, K. 52237
Miyabukuro, E. *see* Adachi, M. 93724
Miyachi, K. *see* Tanaka, H. 100525
Miyachi, T., Ohkawa, S., Matsuzawa, H., Otogawa, T., Kobayashi, N., Ikeda, Y., Onabe, H. Development of lithium-drifted silicon detectors using an automatic lithium-ion drift apparatus 87177
Miyachi, T., Ohkawa, S., Matsuzawa, H., Otogawa, T., Kobayashi, N., Onabe, H. Stability of a lithium-drifted silicon detector 87176
Miyadera, H. *see* Muranaka, Y. 70079
Miyagawa, H. *see* Saito, S. 90219
Miyagawa, N. *see* Cho, Y. 93837
Miyagawa, R. *see* Kubota, H. 94283
Miyagawa, R. *see* Yamashita, K. 97663
Miyagi, H. *see* Yamashita, K. 74179
Miyagi, K., Nanami, M., Kobayashi, I. Development of integrated optical frequency shifter 94656
Miyagi, M., Yamazaki, H., Chiba, R., Funakoshi, N. Optical-disk media fabrication far high data-transfer rate 56300
Miyagi, M. *see* Nomoto, M. 56393
Miyagi, M. *see* Saito, M. 56386
Miyagi, M. *see* Takano, K. 63535
Miyagi, S., Ogura, H., Takahashi, N. Estimation of noncausal stochastic model by means of whiteness 84619
Miyagi, Y. *see* Amano, H. 60936
Miyagi, Y. *see* Ejiri, Y. 96955
Miyagishi, O., Matsushita, M., Yoshida, M. NTT's approach to open telecommunications management: part 2: current activities and future plans 65173
Miyagishi, O. *see* Matsushita, M. 51955
Miyagoshi, E. *see* Toyokura, M. 92281
Miyaguchi, H. *see* Akishita, S. 63105

Miyaguchi, S. Secret key ciphers that change the encipherment algorithm under the control of the key 83946
Miyaguchi, S., Morita, H., Sugita, M. Distribution of cryptographic keys to enhance convenience 51318
Miyaguchi, S. *see* Kondo, Y. 63462
Miyahara, H., Noguchi, T., Matumoto, H., Mori, C. A new $4\pi\beta$ counter operated at atmospheric pressure of CF_4 gas for the computer discrimination method 87960
Miyahara, H. *see* Baba, K.-i. 96468
Miyahara, H. *see* Baba, K.-i. 96792
Miyahara, H. *see* Kato, M. 65852
Miyahara, H. *see* Murata, M. 52153
Miyahara, H. *see* Ohba, Y. 52120
Miyahara, H. *see* Sakamoto, N. 64939
Miyahara, H. *see* Uritani, A. 98547
Miyahara, J. *see* Niimura, N. 98529
Miyahara, K., Kubo, S., Suzuki, M. Transresistance and current gain of high-T_c flux flow transistors 93952
Miyahara, K. *see* Kubota, H. 94283
Miyahara, M., Gan, Q. Color reproduction of printings on color picture monitors 64744
Miyahara, M. *see* Gan, Q. 74291
Miyahara, M. *see* Horita, Y. 57637
Miyahara, S. The status and prospects for the fossil-fired and nuclear power industry in Japan 53655
Miyahara, S. *see* Cho, T. 88031
Miyahara, S. *see* Okuno, S. 98559
Miyahara, S. *see* Saitoh, Y. 59075
Miyahara, S. *see* Saitoh, Y. 88124
Miyahara, S. *see* Saitoh, Y. 98580
Miyahara, T. *see* Nishimoto, T. 99705
Miyahara, Y. Positron accumulation ring for the SPring-8 project 67050
Miyahara, Y. FEL radiation power available in electron storage rings 98419
Miyahara, Y., Tsukada, K., Watanabe, Y., Shibata, Y. Long-life planar oxygen sensor 98146
Miyahara, Y. *see* Hashimoto, Y. 66619
Miyahara, Y. *see* Sasaki, S. 87741
Miyaho, N. *see* Koinuma, T. 75086
Miyai, H., Kawasaki, S., Kitaguchi, H., Izumi, S. Response of silicon detector for high energy X-ray computed tomography 88409
Miyai, H., Kawasaki, S., Kitaguchi, H., Izumi, S. Response of silicon detector for high energy X-ray computed tomography 98601
Miyairi, K. Influence of humidity on AC electrical breakdown in plasma-polymerized thin films 56092
Miyairi, Y. *see* Arakawa, F. 70667
Miyaji, A. On secure and fast elliptic curve cryptosystems over F_p 64279
Miyaji, H. *see* Fuju, H. 96579
Miyaji, Y. *see* Matsumoto, T. 61266
Miyajima, A. *see* Furuta, Y. 85672
Miyajima, H. *see* Taketomi, S. 72074
Miyajima, K., Ralescu, A. Modeling of natural objects including fuzziness and application to image understanding 51637
Miyajima, K., Ralescu, A. Spatial organization in 2D segmented images: representation and recognition of primitive spatial relations 84911
Miyajima, K., Ralescu, A. Modeling of natural objects including fuzziness and application to image understanding 95891
Miyajima, M., Sasaki, S., Tawara, H. Number of scintillation photons emitted in NaI(Tl) and plastic scintillators by gamma-rays 59117
Miyajima, S. *see* Hoshi, T. 75255
Miyajima, T., Hasegawa, T., Haneishi, M. A fast learning algorithm for neural networks and its applications to adaptive equalizers 86110
Miyajima, Y. *see* Amano, H. 60936
Miyakawa, M. *see* Pogosyan, G. 55249
Miyakawa, N. *see* Kawata, T. 49484
Miyakawa, T., Honjo, K. Development of instrument detecting nonmetal foreign bodies in food material 75936
Miyakawa, T. *see* Kojima, S. 95866
Miyakawa, Y., Hashimoto, J., Ikegami, N., Matsui, T., Kanamori, J. Fine contact hole etching in magneto-microwave plasma 55804
Miyake, A. *see* Hamada, K. 93981
Miyake, A. *see* Isono, T. 82466
Miyake, A. *see* Murai, K. 56613
Miyake, A. *see* Nakajima, H. 72261
Miyake, A. *see* Nishi, M. 72260
Miyake, H., Sugiyama, K. Single crystal growth of Cu-III-VI_2 semiconductors by THM 61223
Miyake, K., Mikami, T., Tahara, H., Ogata, K., Matsubara, Y., Nogawa, S., Ishikawa, J. Improvement of the gas efficiency in a microwave plasma cathode type oxygen ion source 53235
Miyake, K. *see* Kawano, H. 53203
Miyake, K. *see* Koyanagi, M. 56585
Miyake, K. *see* Shigekawa, H. 71384
Miyake, K. *see* Shinbo, Y. 65377
Miyake, M. Shallow boron-doped layer formation by boron diffusion from poly-Si through thin SiO_2 62410
Miyake, M. *see* Higashi, Y. 49871
Miyake, M. *see* Hirose, M. 83817
Miyake, M. *see* Inokawa, H. 93622
Miyake, M. *see* Nishida, K. 66069
Miyake, M. *see* Okazaki, Y. 71791
Miyake, S., Kumano, T., Uchiyama, T., Noguchi, K., Aoki, N., Kamisada, Y., Ichihara, M., Oda, Y. R&D for high efficiency of Nb_3Sn superconducting wire by tube method in Super-GM (No. 2) 68255
Miyake, T. *see* Kishimoto, T. 50981
Miyake, T. *see* Yoshida, Y. 83343
Miyake, Y., Mitsuhashi, T., Kanazawa, M. Fundamentals and application of color image processing—picture quality and evaluation of color image 51605
Miyake, Y. *see* Haneishi, H. 59266
Miyake, Y. *see* Nagamine, K. 76397
Miyake, Y. *see* Suyama, M. 86354
Miyakoshi, A. *see* Nire, T. 63584
Miyakuni, S., Sakai, M., Hattori, R., Izumi, S., Shimura, T., Sato, K., Takano, H., Otsubo, M. Low damage etching of InGaAs/AlGaAs by the electron cyclotron resonance plasma with Cl_2/He mixture for heterojunction bipolar transistors 55792
Miyama, T. *see* Inoue, T. 88885
Miyamae, S. *see* Endo, Y. 68427
Miyamato, N. *see* Niwano, M. 61335
Miyamori, M. *see* Yamashita, S. 60586
Miyamoto, H. *see* Furutani, K. 49417
Miyamoto, H. *see* Morooko, Y. 55256
Miyamoto, H. *see* Noda, K. 71700
Miyamoto, H. *see* Onda, K. 80686
Miyamoto, H. *see* Ooishi, T. 70529
Miyamoto, H. *see* Takeuchi, K. 93621
Miyamoto, H. *see* Tsukikawa, Y. 49428
Miyamoto, H. *see* Tsukikawa, Y. 70556
Miyamoto, J. *see* Yoshikawa, K. 61725
Miyamoto, K. *see* Chin-Chieh Chao 69578
Miyamoto, K. *see* Ikumi, N. 92283
Miyamoto, K. *see* Lee, D.J. 70524
Miyamoto, K. *see* Ohara, Y. 53179
Miyamoto, M., Fujimoto, H., Okabe, T., Sato, E. New measuring methods for wheelset angle of attack of railway vehicle on curves 76192
Miyamoto, M. *see* Harada, K. 54686
Miyamoto, M. *see* Ishii, T. 93590
Miyamoto, M. *see* Iso, M. 99704
Miyamoto, M. *see* Matsuura, T. 92423
Miyamoto, N. *see* Enta, Y. 61320
Miyamoto, N. *see* Kim, K.-J. 91484
Miyamoto, N. *see* Kume, H. 61738
Miyamoto, N. *see* Maekawa, H. 60373
Miyamoto, N. *see* Nagata, H. 63417
Miyamoto, N. *see* Niwano, M. 81478
Miyamoto, N. *see* Niwano, M. 81525
Miyamoto, N. *see* Suemitsu, M. 91499
Miyamoto, N. *see* Takakuwa, Y. 79965
Miyamoto, N. *see* Takemoto, K. 100420
Miyamoto, N. *see* Wada, M. 53232
Miyamoto, N. *see* Wada, M. 59055
Miyamoto, R. *see* Fukami, T. 78602
Miyamoto, S. *see* Nagumo, T. 91991
Miyamoto, S. *see* Seki, A. 89279
Miyamoto, S. *see* Takata, M. 75785
Miyamoto, T., Mori, K., Maekawa, H., Inaba, Y., Koyama, F., Iga, K. Carrier transport in p-type GaInAsP/InP distributed Bragg reflectors 83049
Miyamoto, T. *see* Aoki, T. 92267
Miyamoto, T. *see* Fukami, T. 78602
Miyamoto, T. *see* Mizuno, A. 68936
Miyamoto, T. *see* Mori, K. 56806
Miyamoto, T. *see* Nishikawa, M. 87362
Miyamoto, T. *see* Sumomogi, T. 61402
Miyamoto, T. *see* Suzuki, T. 100242
Miyamoto, T. *see* Takatsuka, Y. 89675
Miyamoto, Y., Hagimoto, K., Kato, K. 15 Gbit/s optical receiver using waveguide pin photodiode 86442
Miyamoto, Y., Hagimoto, K., Ohhata, M., Kagawa, T., Tsuzuki, N., Tsunetsugu, H., Nishi, I. 10-Gb/s strained MQW DFB-LD transmitter module and superlattice APD receiver module using GaAs MESFET IC's 52562
Miyamoto, Y., Kataoka, T., Sano, A., Hagimoto, K., Aida, K., Kobayashi, Y. 10 Gbit/s, 280 km nonrepeatered transmission with suppression of modulation instability 58397
Miyamoto, Y., Miyatake, T., Kurosaka, S., Mori, Y. A parameter tuning for dynamic simulation of power plants using genetic algorithms 60089
Miyamoto, Y. *see* Fuse, M. 81873
Miyamoto, Y. *see* Kataoka, T. 58374
Miyamoto, Y. *see* Kataoka, T. 58428
Miyamoto, Y. *see* Kawakami, H. 86414
Miyamoto, Y. *see* Kawase, M. 79898
Miyamoto, Y. *see* Sano, A. 97227
Miyamura, H. *see* Sakai, T. 78798
Miyamura, M. *see* Murayama, A. 63182
Miyamura, M. *see* Murayama, A. 71957
Miyanaga, I. *see* Kurimoto, K. 71564
Miyanaga, K. *see* Miyatsuji, K. 92627
Miyanaga, T. *see* Shimizu, K. 98929
Miyanaga, Y., Horita, E., Shimizu, J., Tochinai, K. Design of time-varying ARMA models and its adaptive identification 64541
Miyanaga, Y. *see* Horita, E. 73776
Miyanaga, Y. *see* Shimizu, J. 95478
Miyano, I., Serizawa, K., Sakaguchi, S., Ishida, T., Yamada, M., Kudaishi, T. Fabrication and thermal analysis of 3 dimensionally located LSI packages 82049
Miyano, K. *see* Hoshi, Y. 88113
Miyano, K. *see* Masuda, K. 67337
Miyano, K. *see* Oyama, K. 98567
Miyano, K. *see* Saitoh, Y. 88124
Miyano, K. *see* Saitoh, Y. 98580
Miyano, K. *see* Sakamoto, M. 59077
Miyano, K.E. *see* Haass, M. 88287
Miyano, S. *see* Yamanoi, T. 58659
Miyano, T., Morita, T., Shintani, A., Kanda, T., Hourai, M. Characterization of complexities in Czochralski crystal growth by nonlinear forecasting 79767
Miyao, M., Nakagawa, K. Molecular beam epitaxy of silicon-based heterostructure and its application to novel devices 79781
Miyao, M. *see* Murakami, E. 56028
Miyaoka, R.M. *see* Haynor, D.R. 98839
Miyaoka, R.M. *see* Lewellen, T.K. 59289
Miyaoka, R.S., Lewellen, T.K. Evaluation of CeF_3 as a scintillator for high speed dynamic PET imaging 98836
Miyaoka, R.S., Lewellen, T.K., Bice, A.N. Development of a high resolution PET detector module with depth of interaction information 59287
Miyaoka, R.S. *see* Kaplan, M.S. 98834
Miyaoka, R.S. *see* Kohlmyer, S.G. 53413
Miyaoka, R.S. *see* Pollard, K.R. 59305
Miyaoka, S. *see* Kaneko, M. 50336
Miyasaka, E. *see* Imai, T. 86660
Miyasaka, H. *see* Takashi, T. 70716
Miyasaka, T., Yamazaki, K., Tsuchiya, J., Shimizu, T., Kimura, G., Shioya, M. Improved operating characteristics of linear pulse motor using resonant current 90030
Miyasaka, T. *see* Koyama, K. 81111
Miyasaka, Y. *see* Amanuma, K. 93712
Miyasaka, Y. *see* Hase, T. 91553
Miyasaka, Y. *see* Takemura, K. 82179
Miyasaka, Y. *see* Yamaguchi, H. 56116
Miyasato, T. *see* Sun, Y. 71089
Miyasato, T. *see* Yong Sun 49897
Miyashita, F. *see* Yokota, K. 62406
Miyashita, H., Watabe, Y. Dependence of thin film transistor characteristics on the deposition conditions of silicon nitride and amorphous silicon 49978
Miyashita, H. *see* Fujita, H. 62565
Miyashita, H. *see* Fujita, H. 93276
Miyashita, K. *see* Okada, H. 82732
Miyashita, K. *see* Tachikawa, K. 93912
Miyashita, K. *see* Uchara, K. 83859
Miyashita, M. *see* Mihashi, Y. 63606
Miyashita, M. *see* Mihashi, Y. 72805
Miyashita, M. *see* Minami, Y. 52427
Miyashita, M. *see* Miyazaki, H. 50659
Miyashita, O., Nishida, Y., Ohnuki, T., Ohtsuji, E., Haneyoshi, T. High power factor PWM rectifiers with an analog pulse-width predictor 61533
Miyashita, O. *see* Maeda, A. 68881
Miyashita, O. *see* Nishida, Y. 100320
Miyashita, T., Noguchi, H., Yamato, K., Yoshio, M. Preparation of layered $LiNiO_2$ by alcoholate method and its behavior as a cathode in lithium secondary battery 54145
Miyashita, T. *see* Sasaki, Y. 65637
Miyashita, T. *see* Satoh, Y. 63125
Miyashita, T. *see* Tanaka, H. 100525
Miyashita, T. *see* Tanaka, H. 100602
Miyashita, V. *see* Sugimura, H. 81539
Miyashita, Y., Kato, H. Basic properties of carbon black-filled polymeric materials. II 68247
Miyashiti, T. *see* Okamoto, T. 70058
Miyata, A. *see* Namihira, Y. 72302
Miyata, C., Kashiwagi, H. A method for estimation of the structure of AND, OR logical circuit by use of M-sequence correlation method 92121
Miyata, H. *see* Ajiro, M. 77262
Miyata, H. *see* Barberis, E. 59063
Miyata, H. *see* Barberis, E. 88104
Miyata, H. *see* Barberis, E. 98609
Miyata, H. *see* Mieno, F. 70149
Miyata, H. *see* Ohsugi, T. 59069
Miyata, H. *see* Saitoh, Y. 88124
Miyata, H. *see* Saitoh, Y. 98580
Miyata, H. *see* Unno, Y. 98558
Miyata, H. *see* Yamada, T. 81286
Miyata, K., Hiramoto, K., Nishi, M. Monochromatic low-emittance beam extraction scheme 87768
Miyata, K. *see* Nakamura, M. 88507
Miyata, M. *see* Sato, N. 52057
Miyata, M. *see* Yamada, M. 69668
Miyata, S., Fuji, Y., Sato, T., Suzuki, K., Katagiri, A., Okumoto, S. High-speed 16 M bit mask ROM with page access mode 61706
Miyata, T., Minami, T., Saikai, K., Takata, S. Zn_2SiO_4 as a host material for phosphor-emitting layers of TFEL devices 72577
Miyata, T. *see* Hinohara, K. 61993
Miyata, T. *see* Kuroda, S. 61661
Miyata, T. *see* Sato, H. 61392
Miyata, T. *see* Suehiro, H. 93669
Miyata, T. *see* Tsukamoto, K. 92313
Miyatake, T. *see* Hamada, S. 81589
Miyatake, T. *see* Miyamoto, Y. 60089
Miyatani, O. *see* Kawase, Y. 83556

Miyatsuji, K., Furukawa, H., Ueda, D. Frequency dispersion and modulated signal distortion characteristics of GaAs power MESFETs at large signal operation 81970
Miyatsuji, K., Nagata, S., Yoshikawa, N., Miyanaga, K., Ohishi, Y., Ueda, D. A GaAs high-power RF single-pole double-throw switch IC for digital mobile communication system 92627
Miyauchi, A. *see* Nishizawa, N. 94058
Miyauchi, D. *see* Noguchi, K. 71933
Miyauchi, H. *see* Seki, A. 89279
Miyauchi, K., Osuga, K. Characteristics of a cross-product frequency discriminator 95083
Miyauchi, K. *see* Ito, Y. 83895
Miyauchi, M. *see* Kaneko, H. 62546
Miyauchi, M. *see* Kasai, H. 65412
Miyauchi, M. *see* Sakuno, K. 80785
Miyauchi, M. *see* Takasu, H. 80852
Miyauchi, M. *see* Toyoda, H. 62515
Miyauchi, M.S. An O(mn) algorithm for embedding graphs into a 3-page book 48808
Miyauchi, M.S. Topological Ramsey theorem for complete bipartite graphs 79604
Miyawaki, F. *see* Takasu, N. 68685
Miyawaki, M. *see* Shimada, H. 81728
Miyawaki, N. Overview of NTT's R&D 65132
Miyawaki, T. *see* Takeuchi, A. 58593
Miyawaki, Y., Nakayama, T., Mihara, M., Kawai, S., Ohkawa, M., Ajika, N., Hatanaka, M., Terada, Y., Yoshihara, T. An over-erasure detection technique for tightening Vth distribution for low voltage operation NOR type flash memory 70526
Miyawaki, Y. *see* Kobayashi, S. 49425
Miyawaki, Y. *see* Kobayashi, S. 70561
Miyawaki, Y. *see* Mihara, M. 92227
Miyawaki, Y. *see* Nakayama, T. 55257
Miyayama, M. *see* Byoung-Chul Shin 54992
Miyayama, M. *see* Hikita, K. 87315
Miyayama, M. *see* Hikita, K. 98166
Miyayama, M. *see* Isogai, Y. 71876
Miyayama, M. *see* Ohara, Y. 50125
Miyayama, M. *see* Ushio, Y. 49792
Miyazaki, A., Yamada, T. Relation between generalized radial basis function (GRBF) networks and neural networks 55355
Miyazaki, A. *see* Maekawa, Y. 75367
Miyazaki, A. *see* Takenaka, T. 92574
Miyazaki, D., Tanida, T., Ichioka, Y. Reflective block optics for packaging of optical computing systems 84842
Miyazaki, H., Sakurai, T., Okamoto, T., Ichimoto, K., Miyashita, M., Koyama, K., Sakata, A., Wada, S. Construction of magneto-optical filters and their application to solar observations 50659
Miyazaki, H. *see* Ito, S. 71463
Miyazaki, H. *see* Matsui, T. 97754
Miyazaki, J. *see* Nakajima, M. 71464
Miyazaki, J. *see* Yoshioka, N. 93547
Miyazaki, K. *see* Collis, I. 97535
Miyazaki, K. *see* Nishikawa, K. 84435
Miyazaki, K. *see* Ozawa, K. 55946
Miyazaki, K. *see* Saito, M. 53519
Miyazaki, M., Imamura, Y., Oda, H., Saitoh, T. Characterization of interfaces of SiO_2 and thin GaAs active layers for GaAs ICs 50098
Miyazaki, M. *see* Futigami, N. 49982
Miyazaki, M. *see* Inagaki, S. 89643
Miyazaki, M. *see* Ishida, H. 96890
Miyazaki, M. *see* Ohtsuki, J. 68996
Miyazaki, N., Hamada, N. An identification method for non-minimum phase ARMA system using phase information derived from 3rd-order statistics 64406
Miyazaki, N., Uchida, H., Munakata, T., Fukuda, T. Thermal stress analyses of bulk single crystals during Czochralski growth (anisotropic effects in various single crystals) 79759
Miyazaki, O., Nagata, Y., Nakamura, K., Kinoshita, S., Otani, K. Thin-film magnetic head for DCC (digital compact cassette) 72120
Miyazaki, S. *see* Deki, H. 100596
Miyazaki, S. *see* Hirose, M. 93221
Miyazaki, S. *see* Iwama, K. 79620
Miyazaki, S. *see* Kohno, B.H. 54824
Miyazaki, S. *see* Matsushita, K. 81472
Miyazaki, S. *see* Okamoto, K. 55842
Miyazaki, S. *see* Sekimoto, Y. 67333
Miyazaki, S. *see* Takahashi, T. 76760
Miyazaki, S. *see* Wang, J.L. 49592
Miyazaki, S. *see* Yamashita, M. 58248
Miyazaki, S. *see* Yokoyama, S. 55810
Miyazaki, S. *see* Yonekura, T. 51532
Miyazaki, T., Ryu, S. Frequency stabilization of FDM optical signals using an electronic counter 75416
Miyazaki, T., Yamashita, Y., Yamamoto, H., Yoshimatsu, S., Takahashi, M., Ogawa, M., Ishimaru, Y. Dynamic MR imaging of hepatic adenomas with pathologic correlation 88402
Miyazaki, T. *see* Higuchi, S. 70178
Miyazaki, T. *see* Horie, Y. 80176
Miyazaki, T. *see* Kobayashi, T. 55038
Miyazaki, T. *see* Kondo, K. 61338
Miyazaki, T. *see* Maekawa, T. 61756
Miyazaki, T. *see* Nakanishi, R. 90222
Miyazaki, T. *see* Ohta, N. 92029
Miyazaki, T. *see* Tanaka, Y. 83396
Miyazaki, T. *see* Yasuoka, Y. 67889
Miyazaki, Y. *see* Hatayama, Y. 72410
Miyazaki, Y. *see* Hirano, R. 86361
Miyazaki, Y. *see* Kikuchi, S. 72490
Miyazaki, Y. *see* Sato, N. 65939
Miyazaki, Y. *see* Tanimoto, K. 78809
Miyazaki, Y. *see* Wada, M. 83022
Miyazawa, E. *see* Saito, K. 63253
Miyazawa, H., Ide, T., Hoshina, S., Ichikawa, M., Nebashi, S., Shimoda, T. Magneto-optical media suitable for short wavelength reading 50604
Miyazawa, H. *see* Mitomi, O. 82626
Miyazawa, H. *see* Noguchi, K. 63477
Miyazawa, H. *see* Sakai, Y. 72401
Miyazawa, H. *see* Sato, Y. 90130
Miyazawa, K. *see* Tanaka, H. 49424
Miyazawa, K. *see* Tanaka, H. 70557
Miyazawa, M. Palm calculus for a process with a stationary random measure and its applications to fluid queues 79546
Miyazawa, M., Kuboki, M. Analysis of a zero-power flow phenomenon in an interconnecting power system 77912
Miyazawa, S. *see* Kimura, H. 70772
Miyazawa, S. *see* Takashi, T. 70716
Miyazawa, T. *see* Suzuki, Y. 82672
Miyazawa, Y. An all-phoneme ergodic HMM for unsupervised speaker adaptation 84094
Miyazawa, Y. *see* Kamigaito, O. 59029
Miyazawa, Y. *see* Nishihara, T. 61692
Miyazawa, Y. *see* Nishihara, T. 61734
Miyazawa, Y. *see* Nishihara, T. 70513
Miyoshi, H. *see* Eimori, T. 92192
Miyoshi, H. *see* Eimori, T. 93610
Miyoshi, H. *see* Gamo, Y. 60860
Miyoshi, H. *see* Ishida, M. 70483
Miyoshi, H. *see* Ishigaki, Y. 71826
Miyoshi, H. *see* Kobayashi, S. 49425
Miyoshi, H. *see* Kobayashi, S. 70561
Miyoshi, H. *see* Mihara, M. 92227
Miyoshi, H. *see* Morihara, T. 82009
Miyoshi, H. *see* Ohi, M. 70507
Miyoshi, H. *see* Ohno, Y. 49437
Miyoshi, H. *see* Ohno, Y. 70487
Miyoshi, H. *see* Onoda, H. 61726
Miyoshi, H. *see* Onoda, H. 92203
Miyoshi, H. *see* Sakamoto, O. 70509
Miyoshi, I. *see* Shimizu, M. 93665
Miyoshi, K. Optimization of VSAT systems and application in Asia-Pacific area 86284
Miyoshi, K. *see* Deguchi, K. 81738
Miyoshi, K. *see* Somemura, Y. 93280
Miyoshi, K. *see* Takano, T. 95010
Miyoshi, M. *see* Nagumo, T. 91991
Miyoshi, M. *see* Yamazaki, Y. 71021
Miyoshi, M. *see* Yamazaki, Y. 73235
Miyoshi, M. *see* Yamazaki, Y. 81739
Miyoshi, S. *see* Cho, T. 88031
Miyoshi, S. *see* Katsuse, H. 76116
Miyoshi, S. *see* Koden, M. 50591
Miyoshi, S. *see* Koden, M. 72460
Miyoshi, S. *see* Kuwano, N. 70016
Miyoshi, T., Tsuchiya, H., Ogawa, M. Comparative study on electron transport modeling of quantum devices 55858
Mize, D.E. Helicopter installation of fiberoptic groundwire on overhead lines 78139
Mizell, G. *see* Scheps, R. 83003
Mizell, G. *see* Scheps, R. 83007
Mizera, E. *see* Kaminska, E. 62528
Mizeraczyk, J., Mentel, J., Schmidt, E., Reich, N., Carlsson, C., Hard, S. A hollow-cathode discharge cw multicolour He-Cd^+ laser module 72684
Mizobata, M. *see* Torikoshi, M. 53138
Mizobe, N. *see* Ishizuka, M. 60608
Mizoe, J. *see* Mineo, M. 80876
Mizoe, K. *see* Yoshida, Y. 96684
Mizogami, Y., Ajioka, T. Advanced analyses for reduction of contamination in ULSI manufacturing line 69528
Mizogawa, T. *see* Suzuki, M. 88002
Mizoguchi, H. *see* Kobayashi, Y. 71527
Mizoguchi, H. *see* Toyoda, M. 90296
Mizoguchi, M. AV amplifier technologies 75771
Mizoguchi, M. *see* Seki, K. 52371
Mizoguchi, R. *see* Qianren Zhang 78755
Mizoguchi, R. *see* Yamashita, Y. 84155
Mizoguchi, T., Otsuki, S., Uchiyama, N., Takahashi, A., Oikawa, H., Kenmoku, K. SDH-600 Mbps line termination and multiplexing equipment 85978
Mizoguchi, T. *see* Sato, T. 72197
Mizoguchi, T. *see* Tomita, H. 71968
Mizoh, Y., Yohda, H., Inouea, K., Kita, H., Kotera, H. Effect of mechanical anisotropy of flexible media on reproduced output 72101
Mizokami, S. *see* Murata, K. 52204
Mizomata, Y., Oda, Y., Uno, N., Ichikawa, T., Meguro, S., Takahashi, K., Saitoh, T., Sakai, S., Kamisada, Y., Shimada, M. Research and development of AC superconductors in super-GM 93915
Mizone, S., Sabato, T., Okusawa, K., Okada, A. Reaction hot-melt type adhesive 79306
Mizoshiri, I., Sumida, H. Improvement of image quality on medical ultrasonic echocardiogram 67494
Mizoshita, Y. *see* Ohwe, T. 50274
Mizoshita, Y. *see* Sugawara, T. 50351
Mizosoe, H. *see* Furuhata, T. 52692
Mizrahi, V., Erdogan, T., DiGiovanni, D.J., Lemaire, P.J., MacDonald, W.M., Kosinski, S.G., Cabot, S., Sipe, J.E. Four channel fibre grating demultiplexer 58396
Mizrahi, V. *see* Adar, R. 82694
Mizrahi, V. *see* Erdogan, T. 56342
Mizrahi, V. *see* Erdogan, T. 72307
Mizrahi, V. *see* Erdogan, T. 94107
Mizrahi, V. *see* Giles, C.R. 83091
Mizrahi, V. *see* Giles, C.R. 83092
Mizrahi, V. *see* Morton, P.A. 56750
Mizrahi, V. *see* Morton, P.A. 56761
Mizrahi, V. *see* Morton, P.A. 56788
Mizsei, J. Response pattern of SnO_2 sensor system for smoke of different origins 58883
Mizugaki, S. *see* Nakao, Y. 55287
Mizugaki, Y., Nakajima, K., Sawada, Y., Yamashita, T. Implementation of superconducting synapses into a neuron-based analog-to-digital converter 80533
Mizuguchi, H., Sanada, H., Oshima, M., Saifi, M.A. Reliability issues with fiber ribbons 94097
Mizuguchi, T. *see* Fukuda, K. 84746
Mizuguchi, T. *see* Nagatsuka, T. 93812
Mizuguchi, Y., Kusumoto, S., Okawa, T. Coaxial laser diode module 56740
Mizuguchi, Y. *see* Nomoto, S. 57199
Mizuhara, M. *see* DeHope, W. 62122
Mizuhara, M. *see* DeHope, W. 92901
Mizuhara, O. *see* Chen, C.D. 75394
Mizuhara, O. *see* Delavaux, J.-M.P. 50773
Mizuhara, O. *see* Delavaux, J.M.P. 56730
Mizuhashi, K. *see* Eisaki, H. 72221
Mizuhashi, K. *see* Saitoh, Y. 59022
Mizui, K. *see* Urita, H. 73903
Mizuide, H. *see* Aso, T. 55691
Mizukami, M., Satoh, Y., Kozaki, T., Mikami, Y. CMOS embedded RAMs for digital communication systems 93634
Mizuki, E. *see* Onda, K. 80686
Mizuki, J. *see* Kamiyama, S. 55438
Mizukoshi, H., Kojyoma, N., Hirakawa, M., Nakamura, Y. An implementation of a telecommunication and security control subsystem 85459
Mizukoshi, H. *see* Nakamura, Y. 85460
Mizukoshi, H. *see* Yamamori, K. 85458
Mizukoshi, H. *see* Zhuan-Ke Chen 61985
Mizukoshi, H. *see* Zhuan-Ke Chen 61994
Mizumachi, M. *see* Watanabe, K. 88712
Mizumoto, J. *see* Sato, T. 56754
Mizumoto, T., Mashimo, S., Ida, T., Naito, H. In-plane magnetized rare earth iron garnet for a waveguide optical isolator employing nonreciprocal phase shift 50524
Mizumoto, T. *see* Pu, G. 51201
Mizumoto, T. *see* Pu, G. 94161
Mizumoto, T. *see* Totoki, M. 81514
Mizuno, A., Nagura, A., Miyamoto, T., Chakrabarti, A., Sato, T., Kimura, K., Kimura, T., Kobayashi, M. A portable weed control device using high frequency AC voltage 68936
Mizuno, A., Nishioka, M., Ohno, V., Dascelescu, L. Liquid micro-vortex generated around laser focal point in an intense high-frequency electric field 64084
Mizuno, A., Shimizu, K., Chakrabarti, A., Dascalescu, L., Furuta, S. NO_x removal process using pulsed discharge plasma 68420
Mizuno, A. *see* Dascalescu, L. 64105
Mizuno, A. *see* Suzuki, S. 67046
Mizuno, F., Yamada, S., Miura, A., Ohtaka, T., Tsumaki, N. Ultra-high resolution in-lens type wafer inspection system 79452
Mizuno, F., Yamada, S., Miura, A., Todokoro, H. Observation of deep holes using the BEASTLI (backscattered electrons assisting LSI inspection) method 54549
Mizuno, F. *see* Kobayashi, H. 100433
Mizuno, H. The fusion of home electronics with computer technologies 90874
Mizuno, H., Abe, M., Hirokawa, T. Waveform-based speech synthesis approach with a formant frequency modification 73879
Mizuno, H., Majima, T., Sakamoto, S., Kobayashi, Y. A Blumlein type modulator for 100 MW-class X-band klystron 66826
Mizuno, H., Mitsumoto, H., Nakakita, H., Yazawa, N. A small 42-GHz transmitter and receiver for a wireless HDTV (Hi-Vision) camera 97641
Mizuno, H. *see* Abramo, A. 81195
Mizuno, H. *see* Tokumoto, S. 67168
Mizuno, H. *see* Wakita, N. 72464
Mizuno, K., Horie, Y., Atoh, N., Watanabe, T., Nakajima, K., Kasuga, K., Hamada, Y. High-resolution 17 cm (6.5 inch) VGA, 26 cm (10.4 inch) XGA TFT color LCD modules 53004
Mizuno, K., Iwami, M., Hashimoto, E., Ito, K., Kino, T. Application of high-resolution film for lithography to synchrotron X-ray topography 81684
Mizuno, K. *see* Bae, J. 80628
Mizuno, K. *see* Jongsuck Bae 63661
Mizuno, K. *see* Setsune, K. 82335
Mizuno, K. *see* Uehara, K. 83859

Mizuno, M., Ohgane, T. Application of adaptive array antennas to radio communications 86103
Mizuno, M., Yamashina, M., Furuta, K., Igura, H., Abiko, H., Okabe, K., Ono, A., Yamada, H. A GHz MOS adaptive pipeline technique using variable delay circuits 70426
Mizuno, M. *see* Iwama, T. 97127
Mizuno, M. *see* Ohara, Y. 53179
Mizuno, M. *see* Wakizaka, S. 91022
Mizuno, S. Information-preserving two-stage coding for multilevel fingerprint images using adaptive prediction based on upper bit signal direction 51712
Mizuno, S., Funakoshi, H., Yamamoto, K. 3D realtime imaging system with PSD array combined with charge amplifier array 98991
Mizuno, S. *see* Inuzuka, H. 97865
Mizuno, S. *see* Nakayama, Z. 65260
Mizuno, T. Phase-locked loops for the stabilization of active magnetic suspensions 94754
Mizuno, T., Iwase, M., Niiyama, H., Shibata, T., Fujisaki, K., Nakasugi, T., Toriumi, A., Ushiku, Y. Performance fluctuations of 0.10 μm MOSFETs—limitation of 0.1 μm ULSIs 71699
Mizuno, T., Okamura, J., Toriumi, A. Experimental study of threshold voltage fluctuations using an 8k MOSFET's array 71798
Mizuno, T., Shimbo, O. Response of an FM discriminator in the presence of noise and a cochannel interference 97040
Mizuno, T., Toriumi, A., Iwase, M., Takahashi, M., Niiyama, H., Fukmoto, M., Yoshimi, M. Hot-carrier effects in 0.1 μm gate length CMOS devices 62835
Mizuno, T. *see* Ishikawa, H. 97489
Mizuno, T. *see* Wakiwaka, K. 60251
Mizuno, T. *see* Yamaguchi, M. 54139
Mizuno, T. *see* Yuan-Shing Liu 71076
Mizuno, T. *see* Yuan-Shing Liu 98722
Mizuno, Y., Ikeda, M., Yoshida, A. Application of lead alkali-silicate bonding glass to ferrite heads 82285
Mizuno, Y. *see* Yatsuzuka, K. 51023
Mizuochi, T., Shimizu, K., Shimomura, K., Ishimura, E., Kitayama, T. 622 Mbps 16-channel coherent lightwave communication equipment 86359
Mizuochi, T., Shimizu, K., Shimomura, K., Ishimura, E., Kitayama, T., Ito, K. 622 Mbit/s-sixteen-channel FDM coherent optical transmission system using two-section MQW DFB-LDs 65850
Mizusawa, H. *see* Akoh, H. 63313
Mizusawa, T. *see* Shiono, N. 48730
Mizushima, I. *see* Eguchi, T. 93420
Mizushima, K. *see* Seki, N. 75774
Mizushima, T. *see* Matsumi, C. 86781
Mizushima, Y. *see* Takeichi, M. 59531
Mizuta, H. *see* Goodings, C.J. 81770
Mizuta, H. *see* Ho, S. 49757
Mizuta, H. *see* Ho, S. 50037
Mizuta, H. *see* Ohkura, Y. 62190
Mizuta, H. *see* Takahashi, A. 87388
Mizuta, M. *see* Thio, T. 81743
Mizutamari, H. *see* Tanaka, M. 86256
Mizutami, K., Hayashi, S., Matsui, N. Modeling and control of hybrid stepping motors 68658
Mizutani, A. *see* Kato, A. 82808
Mizutani, H. An effective method to find all solutions of piecewise linear circuits using partitioning 70275
Mizutani, K. *see* Kataoka, H. 76932
Mizutani, M., Katoh, H., Panina, L.V., Mohri, K., Humphrey, F.B. Distance sensors utilizing large Barkhausen effect excited by wire current pulse train in twisted amorphous magnetostrictive wires 52794
Mizutani, N., Yamasaki, S., Takada, Y., Adachi, A., Uehara, G., Kado, H. Fabrication and evaluation of superconducting quantum interference devices with Nb/Al-AlO_x-Al/Nb edge junctions 56264
Mizutani, N. *see* Yamashita, Y. 84155
Mizutani, S. Fuel economy—the role of electronics 78951
Mizutani, T. Space charge measurement techniques and space charge in polyethylene 93760
Mizutani, T., Iwamatsu, M., Yazawa, T. Heat load characteristics of superconducting magnet in the electromagnetic vibration test 94018
Mizutani, T. *see* Aihara, K. 62911
Mizutani, T. *see* Aihara, K. 71185
Mizutani, T. *see* Koch, S. 80666
Mizutani, T. *see* Maezawa, K. 92073
Mizutani, T. *see* Nakata, S. 81274
Mizutani, T. *see* Ochiai, S. 63092
Mizutani, Y. *see* Nakayama, H. 86725
Mizuuchi, K. Advances in semiconductor relays squeeze mechanical versions from market 70968
Mizuuchi, K., Yamamoto, K., Kato, M., Sato, H. Broadening of the phase-matching bandwidth in quasi-phase-matched second-harmonic generation 73076
Mizuuchi, K. *see* Torazawa, H. 56532
Mizzoni, R. The Cassini High Gain Antenna (HGA): a survey on electrical requirements, design and performance 57262
Mladenov, V.M. *see* Kolev, L.V. 61494
Mladentsev, A.L., Yakimov, A.V. Estimation of error in determination of 1/f spectrum parameters 84381
Mlcak, R., Tuller, H.L., Greiff, P., Sohn, J. Photo-assisted electrochemical machining of micromechanical structures 55822
Mleczko, A. *see* Colin de Verdiere, J.M. 96907
Mlkhaiev, M.A. *see* Popov, A.P. 64181
Mlynek, D. *see* Lemaitre, L. 49260
Mlynek, D. *see* Lemaitre, L. 49488
Mlynek, J. *see* Paschotta, R. 83324
Mmoczek, H. *see* Dzikowski, M. 100314
Mnatsakanov, T.T. *see* Arinushkin, V.N. 49958
Mneg Chiy Lin, Jwu E Chen, Chung Len Lee TRANS: a fast and memory-efficient path delay fault simulator 49089
Mo, S., Shafai, B. A convergent algorithm for FIR system identification using higher-order cumulants 84523
Mo, W.K. *see* Cheng, D.K.W. 90096
Mo, Y.L. A small bore piping design expert system 60049
Mo Chung Young *see* Young Mo Chung
Mo Da-Wei *see* Da-Wei Mo
Mo Hong Sung *see* Sung Mo Hong
Mo Kyoung Goo *see* Kyoung Goo Mo
Mo Xichao *see* Xiong Shaozhen 71675
Mo Yio-Wu *see* Wei Guang-Pu 100468
Mo-Yuen Chow, Goode, P.V. Adaptation of a neural/fuzzy fault detection system 89959
Mo-Yuen Chow *see* Goode, P.V. 90004
Mo-Yuen Chow *see* Menozzi, A. 90024
Mo-Yuen Chow *see* Sharpe, W.N. 68631
Moal, E. *see* Freeman, W.B. 90302
Moalem, M. *see* Hamza, A.V. 79868
Moalem Maron, D. *see* Brauner, N. 89516
Moallemi, M.K., Hui Zhang A general numerical procedure for multilayer multistep IC process simulation 93543
Moats, R.A. *see* Webb, P.G. 67529
Moayeri, N. On the memory sharing problem 57963
Moayeri, N., Neuhoff, D.L. Time-memory trade-offs in vector quantizer codebook searching based on decision trees 95093
Moazzam, M.R., Aitchison, C.S. A high gain dual-fed single stage distributed amplifier 80722
Moazzam, M.R., Darvishzadeh, M. Microwave negative capacitance and its applications 49650
Moazzami, R., Chenming Hu Stress-induced current in thin silicon dioxide films 62329
Moazzami, R., Maniar, P.D., Jones, R.E., Jr., Campbell, A.C., Mogab, C.J. Ultra-high charge storage capacity ferroelectric lead zirconate titanate thin films for gigabit-scale DRAM's 61737
Moazzami, R., Maniar, P.D., Jones, R.E., Jr., Campbell, A.C., Mogab, C.J. A ferroelectric thin film technology for low-voltage nonvolatile memory 71890
Moazzami, R., Maniar, P.D., Jones, R.E., Mogab, C.J. Integration of ferroelectric capacitor technology with CMOS 70519
Moazzami, R. *see* Jiyoung Kim 70488
Moazzami, R. *see* Sharma, U. 61722
Mobedi, M., Yuncu, H., Yucel, B. Natural convection heat transfer from horizontal rectangular fin arrays 79409
Mobr, J. *see* Dreyer, M.L. 62513
Mocala, K. *see* Pfiester, J.R. 70482
Mocci, F. *see* Augugliaro, A. 99683
Moccia, A., Vetrella, S., Ponte, S. Passive and active calibrator characterization using a spaceborne SAR system simulator 88858
Moccia, G. *see* Diamanti, R. 61729
Mocheshnikov, N. *see* Androsov, V. 76390
Mocheshnikov, N. *see* Bar'yakhtar, V. 67407
Mocheshnikov, N. *see* Efimov, S. 76546
Mochiji, K. *see* Ogawa, T. 55758
Mochiki, K. *see* Hasegawa, K. 88535
Mochiki, K.-i. *see* Takahashi, H. 59377
Mochinaga, Y. *see* Garan, S. 78925
Mochizuki, A. *see* Ametani, A. 78164
Mochizuki, A. *see* Hanyu, T. 55225
Mochizuki, A. *see* Shiroto, H. 82741
Mochizuki, C. *see* Sawada, K. 82813
Mochizuki, H. *see* Kodama, Y. 70531
Mochizuki, H. *see* Matsuzawa, H. 63330
Mochizuki, K., Nakamura, T., Mishima, T., Masuda, H., Tanoue, T. Molecular beam deposition of low-resistance polycrystalline GaAs 70003
Mochizuki, K., Niwa, E., Kimoto, K. Growth and characterization of $CuAlSe_2$ crystals 61224
Mochizuki, K. *see* Kimoto, K. 61268
Mochizuki, K. *see* Sakiyama, S. 70706
Mochizuki, K. *see* Yazawa, Y. 100446
Mochizuki, M. *see* Itoh, Y. 80771
Mochizuki, M. *see* Matsui, M. 68721
Mochizuki, T. Error estimation for IDCT finite word length calculation 51539
Mochizuki, T. Perfect reconstruction conditions for adaptive blocksize MDCT 64567
Mochizuki, T. *see* Kiyohara, M. 71855
Mochizuki, T. *see* Xifan Wang 68099
Mochizuki, T. *see* Xu, Z. 90131
Mock, J. *see* Gruber, A. 88256
Mock, J. *see* Kiesling, C. 88254
Mock, J. *see* Kramerkamper, T. 88257
Mock, J. *see* Ribarics, P. 88255
Mock, J.L. *see* Anderson, H.M. 81481
Mock, M. Remote activation of atomic objects 74721
Mock, P.C. Celestial gamma-ray bursts: detector development and model simulations 52948
Mock, P.R. Odyssey—personal communications for the future 75238
Mock, R.C. *see* Sanford, T.W.L. 67023
Mock, R.C. *see* Sanford, T.W.L. 76389
Mock, W., Jr., Holt, W.H. Nonaerodynamic sabot stripper for research gas gun 77795
Mockapetris, L. *see* Tamasanis, D. 65880
Mocker, H.W., Wagener, T.J. Laser Doppler optical air-data system: feasibility demonstration and systems specifications 94696
Mockler, A.J., Goodhew, P.J., Logan, E.A. Ternary phase formation in flip-chip solder bonds 81120
Mockridge, D. EPROM emulation 70494
Modayur, B. *see* Cowan, C.K. 51720
Moddel, G. *see* Barbier, P.R. 56442
Moddel, G. *see* Doroski, D. 56443
Moddel, G. *see* Qi Hong Wu 50599
Modeer, J. 1.3 GeV electron synchrotron 76541
Modelli, A. *see* Vedeneev, A.S. 55532
Modenov, V.P. *see* Abgaldaev, S.I. 83810
Modenov, V.P. *see* Aslanidi, K.G. 57105
Modesti, S. *see* Gimzewski, J.K. 70101
Modestino, J.W. *see* Jun Zhang 74329
Modestou, P.C. *see* Ming-Kang Liu 75474
Modi, G. *see* Das, R.K. 89484
Modi, G. *see* Das, R.K. 99882
Modinger, R. *see* Kaiser, N. 52513
Modl, N. *see* Renhart, W. 88566
Modlic, B. Some experiences in computer-aided teaching digital radio systems 97032
Modlin, C. *see* Inkyu Lee 82282
Modlin, D. *see* Marshall, J. 58644
Modnikova, E.A. *see* Volyar, A.V. 94071
Modreanu, G. *see* Ganciu, M. 71055
Modro, S.M. The next generation of power reactors—safety characteristics 78340
Mody, P. *see* Morton, E.J. 88066
Mody, P. *see* Morton, E.J. 98676
Moe, H. *see* Cho, Y. 87949
Moe, H.J. *see* Grudzien, D.M. 76323
Moe, P.O., Mohr, G. Total management concept supplies functional solutions for the Snorre production platform 54273
Moeanaddin, R. *see* Reza Soltani, A. 91226
Moelands, A. *see* Blankevoort, J. 66042
Moeller, B. *see* Fiedler, U. 72970
Moeller, C.P., Gould, R.W., Phelps, D.A., Pinsker, R.I. Combline antennas for launching travelling fast waves 51231
Moeller, C.P. *see* Doane, J.L. 80560
Moeller, E. *see* Hofrichter, K. 96570
Moeller, H.H. *see* Petitt, R.A., Jr. 77341
Moeller, R.P., Burns, W.K., Kersey, A.D., Koo, K.P. Three axis low cost fiber gyroscope with electronic closed loop phase detection 76041
Moen, O. Improved performance from uninterruptible power supply systems 54073
Moen, V. *see* Hoech, R. 65724
Moeneclaey, L. *see* Peeters, S. 98959
Moeneclaey, M., de Jonghe, G. ML-oriented NDA carrier synchronization for general rotationally symmetric signal constellations 83911
Moeneclaey, M. *see* Bucket, K. 95087
Moeneclaey, M. *see* Bucket, K. 97004
Moeneclaey, M. *see* Jiangzhou Wang 58344
Moerel, J. *see* Botman, J.I.M. 76696
Moerkirk, R.P. *see* Nabet, B. 66342
Moerman, E. *see* Haspeslagh, D. 85959
Moerman, I., D'Hondt, M., Vanderbauwhede, W., Coudenys, G., Haes, J., de Dobbelaere, P., Baets, R., van Daele, P., Demeester, P. Monolithic integration of a spot size transformer with a planar buried heterostructure InGaAsP/InP-laser using the shadow masked growth technique 83086
Moerman, I. *see* Spiekman, L.H. 82640
Moerner, W.E. *see* Kim, D.Y. 63960
Moerner, W.E. *see* Silence, S.M. 50439
Moerner, W.E. *see* Stankus, J.J. 94666
Moers, T., Tuchscherer, H., Bencze, G.L., Radermacher, E., Seez, C., Wrochna, G., Bacci, C., Ceradini, F., Ciapetti, G., Lacava, F., Margutti, G., Nisati, A., Orestano, D., Petrolo, E., Pontecorvo, L., Tusi, A., Veneziano, S., Verzocchi, M., Zanello, L., Cardarelli, R., Di Ciaccio, A., Santonico, R., Szoncso, F., Walzel, G., Wulz, C.-E. Measurement of the efficiency and time resolution of double-gap resistive plate chambers 67364
Moerschel, K.G. *see* Sung, J.M. 71827
Moffat, A., Sharman, N., Witten, I.H., Bell, T.C. An empirical evaluation of coding methods for multi-symbol alphabets 95162
Moffat, A., Zobel, J. Parameterised compression for sparse bitmaps 85149
Moffat, A. *see* Witten, I.H. 51643
Moffat, A. *see* Witten, I.H. 64877
Moffat, A. *see* Wrezel, J.A. 81043
Moffat, D., Barnes, P., Kirchgessner, J., Padamsee, H., Sears, J. Preparation and testing of a superconducting cavity for CESR-B 67056
Moffat, D., Barnes, P., Kirchgessner, J., Padamsee, H., Sears, J., Tigner, M., Tribendis, A.,

Veshcherevich, V. Design and fabrication of a ferrite-lined HOM load for CESR-B 67120
Moffat, D. *see* Akai, K. 67058
Moffat, D. *see* Graber, J. 67093
Moffat, D. *see* Graber, J. 67094
Moffat, D. *see* Graber, J. 67095
Moffat, D. *see* Hartung, W. 87731
Moffat, D. *see* Kirchgessner, J. 67104
Moffat, D. *see* Kirchgessner, J. 67105
Moffat, D. *see* Nordberg, E. 66815
Moffat, H.K. *see* Bartram, M.E. 91614
Moffatt, A.M. Upgrading the Anglo-Scottish Interconnector: the view from the North 59804
Moffett, M.B. *see* Butler, J.L. 59609
Mofidi, M. *see* Lee, D.J. 70524
Mog Hong Sun *see* Sun Mog Hong
Mog Soon Jang *see* Chong Yeun Park 70738
Mogab, C.J. *see* Gelatos, A.V. 71427
Mogab, C.J. *see* Jiyoung Kim 70488
Mogab, C.J. *see* Moazzami, R. 61737
Mogab, C.J. *see* Moazzami, R. 70519
Mogab, C.J. *see* Moazzami, R. 71890
Mogab, C.J. *see* Sudhama, C. 61694
Mogami, M. *see* Kubono, T. 80954
Mogami, T. *see* Horiuchi, T. 71421
Mogami, T. *see* Koh, R. 81907
Mogami, T. *see* Togo, M. 71701
Mogami, T. *see* Uwasawa, K. 93421
Mogensen, G. *see* Mogensen, M. 78810
Mogensen, M., Lindegaard, T., Hansen, U.R., Mogensen, G. Physical properties of mixed conductor solid oxide fuel cell anodes of doped CeO_2 78810
Mogensen, M. *see* Knudsen, P. 60438
Mogensen, P.E. *see* Andersen, J.B. 86113
Moghaddam, A.J., Moses, A.J. Localised power loss measurement using remote sensors 53014
Moghaddam, H. *see* Parker, J.M. 73012
Moghaddam, M., Durden, S., Zebker, H. Effects of environmental change on radar backscatter in the Oregon Transect 77587
Moghaddam, M., Saatchi, S. An inversion algorithm applied to SAR data to retrieve surface parameters 77589
Moghaddamjoo, A. *see* Allam, M. 51433
Moghaddar, A., Ogawa, Y., Walton, E.K. Estimating the time-delay and frequency decay parameter of scattering components using a modified MUSIC algorithm 94767
Moghbelli, H., Groen, K., Zaplatosch, T., Skvarenina, T. A design project to evaluate the protective device settings for an industrial plant 68293
Moghrabi, I.A. *see* Ford, J.A. 69811
Mogi, H. *see* Okazaki, Y. 63188
Mogi, N. *see* Fujita, H. 91045
Mogi, T. *see* Jinguuji, M. 77212
Mogilevskaya, L.Ya. *see* Khotuntsev, Yu.L. 91938
Moglie, F., Rozzi, T. Termination conditions for the application of FD-TD techniques in close homogeneous waveguide and planar structures 73434
Moglie, F., Rozzi, T., Munini, M., Severini, R. Discontinuities in planar millimeter circuits by FD-TD method 49631
Mognaschi, E.R. *see* Calderwood, J.H. 89990
Mogre, A., McLaren, R., Keller, J., Krishnapuram, R. Uncertainty management for rule-based systems with applications to image analysis 51651
Mogro-Campero, A. *see* Paik, K.W. 79328
Moguang Jiang *see* Jiang Moguang
Moguilline, E. *see* Gauthier, C. 98713
Moh Sang-Man *see* Sang-Man Moh
Mohadjeri, B. *see* Svensson, B.G. 49856
Mohadjeri, B. *see* Svensson, B.G. 93158
Mohajeri, H. *see* Alexander, M.A. 92326
Mohajerzadeh, S., Nathan, A., Selvakumar, C.R. Numerical simulation of a p-n-p-n color sensor for simultaneous color detection 87203
Mohajerzadeh, S., Selvakumar, C.R., Brodrie, D.E. A low temperature ion-beam assisted deposition method for realizing SiGe/Si heterostructures 55871
Mohamed, F.A., Pap, L. Analysis of frequency-hopped packet radio networks with random signal levels-part I: error-only decoding 65561
Mohamed, K.A., Pap, L. Analysis of frequency-hopped packet radio networks with several symbols per dwell interval 86062
Mohamed, M., Anuar, Z., Shafie, S., Roberts, P.D. Application of a hierarchical control strategy for coordination of steam plant 99933
Mohamed, M. *see* Keller, J.M. 84912
Mohamed, N.J. Target course recognition using nonsinusoidal look-down radars 58464
Mohamed, N.J. High-resolution nonsinusoidal radars with three-dimensional target structure 75644
Mohamed, O.I. *see* Montasser, K.I. 91626
Mohamedi, R., Tran, D.K. A new simulation on mini-computers of static converters used in power systems 89203
Mohammad-Djafari, A. On the estimation of hyperparameters in Bayesian approach of solving inverse problems 85045
Mohammadi, M.S. *see* Geake, J.E. 53063
Mohammadi, S. Switching mode regulator with parallel PID and push-pull inverter 61561
Mohammadi, S. Speed control systems for three phase induction motor using fixed pattern PWM wave 68628
Mohammadi, S., Selvakumar, C.R. Analysis of BJT's, pseudo-HBT's, and HBT's by including the effect of neutral base recombination 93325
Mohammadtaghi, S. *see* Hand, J.W. 98939
Mohammed, A. *see* El-Khouly, F.M. 90539
Mohammed, O.A., Merchant, R., Uler, F.G. An intelligent system for design optimization of electromagnetic devices 83525
Mohammed, O.A. *see* Chang Seop Koh 68643
Mohammed, O.A. *see* Chang Seop Koh 83451
Mohammed, O.A. *see* Chang Seop Koh 83526
Mohammed, O.A. *see* Garcia, L.F. 89181
Mohammed, O.A. *see* Khatibi, M.H. 89160
Mohammed, O.A. *see* Uler, F.G. 83442
Mohan, A.S. *see* Kaynak, A. 73391
Mohan, C. *see* Maini, H. 95155
Mohan, C.K. *see* Ganguly, D.D. 84003
Mohan, C.R., Chakrabarti, P.P. A new approach for factorizing FSM's 91850
Mohan, C.S., Kumar, D.J., Mamidwar, R.S. Interfacing the N-ISDN to the B-ISDN for the AAL class A services 65530
Mohan, K.Satya *see* Satya Mohan, K.
Mohan, K.S.R. Enterprise networking using frame relay 85346
Mohan, N., Robbins, W.P., Undeland, T.M., Nilssen, R. Simulation of power electronic and motion control systems—an overview 80088
Mohan, N. *see* Dhawan, R.K. 68691
Mohan, N. *see* Duke, R.M. 90206
Mohan, N. *see* John, V. 100330
Mohan, N. *see* Naik, R. 68731
Mohan, N. *see* Quinn, C.A. 59707
Mohan, N. *see* Rastogi, M. 67993
Mohan, N. *see* Rastogi, M. 68820
Mohan, N. *see* Rastogi, M. 88963
Mohan, N. *see* Round, S.D. 89092
Mohan, N.Krishna *see* Krishna Mohan, N.
Mohan, P.V.Ananda *see* Ananda Mohan, P.V.
Mohan, R. *see* Califano, A. 51596
Mohan, S., Muzumder, P., Haddad, G.I. Ultrafast pipelined arithmetic using quantum electronic devices 49236
Mohan, S. *see* Harjono, H. 85592
Mohan, S. *see* Jain, R. 97062
Mohan, S. *see* Yi-Bing Lin 75343
Mohan, S. *see* Yi-Bing Lin 86079
Mohan, T.R.Madan *see* Madan Mohan, T.R.
Mohan Rao, G. *see* Krupanidhi, S.B. 79955
Mohanadi, A.H.A. Concurrent placement algorithm and floorplanning based on Occam and the transputer technology 80057
Mohanakrishnan, S. *see* Chi-Jui Chou 70753
Mohanan, P. *see* Day, S. 95011
Mohanan, P. *see* Mathew, T. 64153
Mohanan, P. *see* Saji Stephen, D. 51063
Mohanan, P. *see* Sreemoolanadhan, H. 63044
Mohandes, B.E. Integrated PC board transformers improve high frequency PWM converter performance 70287
Mohanty, A., Das, N.K. Short-pulse radiation with low cross-polarization and a related new pulse ringing phenomenon in a printed antenna element covered by a polarization strip grating 73508
Mohanty, A.K. *see* Swain, A. 99547
Mohanty, A.K. *see* Swain, A.K. 100836
Mohanty, B., Cassandras, C.G. The effect of arrival model uncertainties on some optimal routing problems 69673
Mohanty, K.K., Majumdar, T.J. Altimeter Plot: a C-language program for simultaneous plotting of satellite altimeter-derived geophysical parameters 67849
Mohanty, M. *see* Yadav, H.O. 94243
Mohanty, M. *see* Yadav, H.O. 94244
Mohanty, R.P. *see* Lakhe, R.R. 69603
Mohapl, J. Ergodic theorems for linear operators on C(X) with strict topology 91246
Mohar, B. *see* Fisk, S. 48776
Moharram, O.E., Coombs, D. Service maintenance and testing strategy for advanced intelligent network 52255
Mohd, M.A. Sensitivity analysis of ATR algorithms to scene distortions: the key to performance evaluation of automatic target recognition systems 84856
Mohd, M.A., Steadman, C.E., Render, K.S. Anechoic chamber testing enters into a new era using fiber-optic technology: unique issues and experiences 83719
Moheb, H., Shafai, L. Integral equation formulation of radiation from rectangular waveguides and horns 57216
Mohebati, A. *see* Baggaley, A. 56904
Mohebbi, B.B., Aghvami, A.H., Chambers, B. Frequency-selective channel estimation for CDMA power control 51798
Moher, M. Decoding via cross-entropy minimization 95099
Moher, M. *see* D'Amours, C. 86063
Mohideen, U., Sluxher, R.E., Johnke, F., Koch, S.W. Semiconductor microlaser linewidths 83137
Mohl, D. *see* Okamoto, H. 76393
Mohl, W. *see* Flotzinger, D. 98892
Mohler, R.R. *see* Rajkumar, V. 59854
Mohler, R.R. *see* Rajkumar, V. 68105
Mohler, R.R. *see* Rajkumar, V. 89000
Mohler, R.R. *see* Rajkumar, V. 89194
Mohler, R.R. *see* Wang, Y. 78054
Mohler, R.R. *see* Yu Wang 88946
Mohler, R.R. *see* Zakrzewski, R.R. 99639
Mohler, R.R. *see* Zhu, W. 77859
Mohles, R., Horn, K. Phase-selective analog-to-digital-conversion 75886
Mohlmann, G.R., Hofstraat, J.W., Donckers, M.C., Heideman, J.L.P., van der Vorst, C.P.J.M., Ramsamoedj, R. Reliability of polymeric photonic devices 82880
Mohorianu, S. *see* Chiriac, H. 71958
Mohorko, J., Filip, P., Planinsic, P., Cucej, Z., Donlagic, D. Image compression by using pyramid vector quantization 64816
Mohorko, J. *see* Cucej, Z. 64815
Mohorko, J. *see* Filip, P. 64817
Mohorko, J. *see* Planinsic, P. 64818
Mohr, G. *see* Moe, P.O. 54273
Mohr, G.A. *see* Copley, D.C. 49035
Mohr, J. *see* Strohrmann, M. 66189
Mohr, J. *see* Wallrabe, U. 54043
Mohr, R., Boufama, B., Brand, P. Accurate projective reconstruction 74620
Mohr, R., Veillon, F., Quan, L. Relative 3-D reconstruction using multiple uncalibrated images 96032
Mohr, S., Oehler, A.M., Wartmann, T. Status of ATM in WAN, LAN and customer premises 85693
Mohr, Th. *see* Jonas, K. 68441
Mohr, W. *see* Felhauer, T. 75224
Mohrdiek, S., Burkhard, H., Walter, H. Chirp reduction of directly modulated semiconductor lasers at 10 Gb/s by strong CW light injection 50822
Mohrdiek, S., Burkhard, H., Walter, H. Nearly chirp free 10 Gbit/s transmission over standard fibres with directly modulated injection-locked DFB-lasers 52495
Mohrdiek, S. *see* Burkhard, H. 86510
Mohri, K. Application of amorphous magnetic wires to computer peripherals 82268
Mohri, K. *see* Kawashima, K. 52792
Mohri, K. *see* Maeda, T. 87159
Mohri, K. *see* Mizutani, M. 52794
Mohri, K. *see* Yoshida, Y. 52795
Mohri, K. *see* Yoshida, Y. 66295
Mohri, M., Kakinuma, H., Tsuruoka, T. Fabrication of TFTs using plasma CVD poly-Si at very low temperature 62832
Mohrle, M. *see* Weich, K. 56889
Mohrmann, K.H. Transmission of video signals over B-ISDN channels 58570
Mohsen, Z.O., Rustagi, S.C. Effect of backgate bias on the breakdown voltage of P-N junctions in SOI films 71148
Mohsenian, N., Nasrabadi, N.M. Edge-based subband VQ techniques for images and video 57710
Mohsenian, N., Nasrabadi, N.M. Predictive vector quantization using a neural network 84998
Moigne, J.Le *see* Le Moigne, J.
Moilanen, H., Lappalainen, J., Laitinen, L., Leppavuori, S. Piezoelectric micromovement actuator and force sensor hybridization using a thick-film double-paste printing method 66188
Moilanen, H., Lappalainen, J., Leppavuori, S. Development of piezoelectric micromovement actuator fabrication using a thick-film double-paste printing method 63110
Moilanen, H., Leppavuori, S., Uusimaki, A. Laser-induced chemical vapour deposition in piezoresistive pressure sensor fabrication 58737
Moilanen, H. *see* Leppavuori, S. 54962
Moilanen, H. *see* Remes, J. 62028
Moilanen, M. *see* Kivimaa, J. 53058
Moini, S.M.Saleem *see* Saleem Moini, S.M.
Moisan, C. *see* Allport, P.P. 76752
Moisan, E. *see* Amblard, P.-O. 95575
Moisan, S. *see* Shekhar, C. 95597
Moise, T.S., Kao, Y.-C., Seabaugh, A.C., Taddiken, A.H. Co-integration of resonant-tunneling and single-barrier hot-electron transistors operating at 300 K 55412
Moise, T.S., Yung-Chung Kao, Seabaugh, A.C. Improved turn-on characteristics of a hot electron transistor at 300 K 93335
Moise, T.S., Yung-Chung Kao, Seabaugh, A.C., Taddiken, A.H. Integration of resonant-tunneling transistors and hot-electron transistors 71768
Moiseenko, A.S. *see* Baranov, V.A. 76849
Moiseev, K.D. *see* Danilova, T.N. 72627
Moiseev, M.A. *see* Antakov, I.I. 62108
Moiseev, S.N. Accuracy of E_s-layer screening-frequency forecasting 57111
Moiseev, V.A. The longitudinal and transverse beam dynamics simulation in the MMF storage ring 87903
Moiseev, Yu.N. *see* Vasil'ev, S.I. 93770
Moiseiwitsch, N.E., Ashburn, P. The benefits of fluorine in pnp polysilicon emitter bipolar transistors 71602
Moiseyev, S.N. *see* Lukin, A.N. 94818
Moiseyev, V.G. *see* Galakhov, V.V. 55900
Moisio, M.F. *see* Cavenago, M. 82438
Moisio, T. *see* Sun, Z. 64041

Moisio, T. *see* Sun, Z. 64049
Moiso, C. *see* Bosco, P.G. 65262
Moiso, C. *see* Butto, M. 74763
Moison, B. *see* Papadas, C. 55264
Mojdehrakhsh, R., Wei-Tek Tsai, Kirani, S., Elliott, L. Retrofitting software safety in an implantable medical device 53458
Mojon, A. *see* Hermida, R.C. 76888
Mojzis, M., Kovac, D., Kapas, P., Orendac, M., Simko, V., Katuscakova, V., Hodulikova, A. Some metrological properties of an elastomagnetic sensor of pressure force 98354
Mok, E., Cross, P.A. A fast satellite selection algorithm for combined GPS and GLONASS receivers 97485
Mok, F., Constantinides, A.G., Cheung, P.Y.K. A flexible decimation filter architecture for sigma-delta converters 49512
Mok, F. *see* Burr, G.W. 56321
Mok, F.H., Burr, G.W., Psaltis, D. Angle and space multiplexed holographic random access memory (HRAM) 63354
Mok, J. *see* Baji, T. 70655
Mok, P.K.T. *see* Nezar, A. 55906
Mok, S. Thermal considerations of low cost, high volume MCMs 79374
Mok Hyung-Soo *see* Hyung-Soo Mok
Mok Jun Jung *see* Jung Mok Jun
Mok Park Joong *see* Joong Mok Park
Mokhov, E.N. *see* Wetzel, C. 70045
Mokhov, N. *see* Carrigan, R.A., Jr. 59039
Mokhov, N.V. *see* Baishev, I.S. 76521
Mokhov, N.V. *see* Drozhdin, A.I. 87838
Mokhov, N.V. *see* Johnson, R.G. 98458
Mokhov, N.V. *see* Schailey, R. 67196
Mokhov, N.V. *see* Soundranayagam, R. 67193
Mokhtarani, A. *see* Herrup, D.A. 67257
Mokhtarian, F. Multi-scale, torsion-based shape representations for space curves 96058
Mokhun', I.I., Besaga, R.N., Yatsenko, V.V. Reconstruction of optical fields by referenceless holograms 73176
Mokhun, I.I. *see* Besaha, R.N. 73148
Mokhun, I.I. *see* Besaha, R.N. 73152
Mokhun, I.I. *see* Kudryavtsev, S.V. 75927
Mokleby, R. Digital audio broadcasting: Terrestrial transmission experiments in Norway 86673
Mokler, S. *see* Ohtani, N. 61246
Mokler, S.M. *see* Ohtani, N. 70004
Mokler, S.M. *see* Zhang, J. 91492
Mokole, E.L. *see* Knepp, D.L. 65912
Mokravtsov, M.V. *see* Faddeev, I.P. 53937
Mokri, A.El *see* El Mokri, A.
Mokris, I., Dostal, Z. The application of a nonadaptive α-β tracking filter for radiolocation data processing 75577
Mokrov, Yu.V. *see* Aleinikov, V.E. 67657
Mokry, D. *see* Bucci, N.J. 65920
Mokry, R., Anastassiou, D. Minimal error drift in frequency scalability for motion-compensated DCT coding 84758
Mokrytzki, B. Filters for adjustable frequency drives 68000
Mokuno, Y. *see* Kinomura, A. 49832
Mokuno, Y. *see* Shimatani, N. 71299
Mokwa, W. *see* Dudaicevs, H. 66246
Mokwa, W. *see* Kakerow, R. 66282
Mokwa, W. *see* Kordas, N. 67439
Mokwa, W. *see* Meyer, H. 58862
Mokwa, W. *see* Muller, M. 66322
Mokwa, W. *see* Werno, J. 66203
Molander, E.A., Sisavic, M.F. Contrasting paradigms and movements: Systems Theory and Total Quality Management 60987
Molander, W.A. *see* Chang, J.J. 82901
Molano, A. *see* Vina, A. 74818
Molarius, J.M. *see* Pischow, K.A. 92923
Molchanov, V.Ya. *see* Voloshinov, V.B. 56466
Moldavskaya, M.D. *see* Gavrilenko, V.I. 55608
Moldeklev, K. *see* Kure, O. 85753
Moldoveanu, F. *see* Mihalache, D. 63365
Moldovyan, A.A., Moldovyan, N.A. New design principle for cryptographic modules in computer security systems 73629
Moldovyan, N.A. *see* Moldovyan, A.A. 73629
Molen, G.M. *see* Grzybowski, S. 89260
Molen, G.M. *see* Grzybowski, S. 90316
Molenaar, C. *see* Gabler, A.R. 67416
Molenaar, M., Janssen, L.L.F. Terrain objects, their dynamics and their monitoring by the integration of GIS and remote sensing 67896
Molenbroek, A.M. *see* Zagwijn, P.M. 98597
Molenbroek, E.C. *see* Iwaniczko, E. 90443
Moler, E.J. *see* Howells, M.R. 88278
Molera, J.M. *see* Bonilla, L.L. 93000
Molfino, P. *see* Alotto, P. 82234
Molfino, P. *see* Drago, G. 83495
Molfino, P. *see* Manella, A. 72269
Molfino, P. *see* Negrini, F. 82472
Molgedey, L., Schuster, H.G. Separation of a mixture of independent signals using time delayed correlations 64456
Molho, E. *see* Guerraggio, A. 69761
Molian, P.A. *see* Hsu, M.J. 94707
Moliera, J. *see* Ollitrault, M. 88811
Moliere, M., Gerome, Y., Truong, L.S., Tyack, R. An efficient oil mist elimination system for heavy duty gas turbines 89677
Molin, N.-E. *see* Krishna Mohan, N. 58987
Molina, C., Victoria, L., Ibanez, J.A. Measurement of volume flow through a microporous membrane by a NTC thermistor miniature bead 87601
Molina, R. *see* Alvarez Melcon, A. 73442
Molina, S.I. *see* Araujo, D. 79869
Molina-Fernandez, I., Camacho-Penalosa, C., Ramos, J.I. Application of the two-dimensional Fourier transform to nonlinear wave propagation phenomena 73401
Molinar, G.F. CCM second international seminar: pressure metrology from 1 kPa to 1 GPa 66723
Molinar, G.F. An old instrument in the new technological scenery: the piston gauge in liquid media up to 1 GPa 66737
Molinar, G.F., Cresto, P.C., Ehrlich, C., Houck, J. Elastic distortion calculations on a special piston gauge (PG27) up to 28 MPa in different operational modes 66740
Molinar, G.F., Ehrlich, C., Houck, J., Cresto, P.C. Elastic distortions of a multi-mode piston-cylinder unit up to 28 MPa 87126
Molinar, G.F., Maghenzani, R., Bean, V.E., Ward, D. Experience in the use of a strain-gauge pressure transducer for comparison in liquid media up to 600 MPa between the NIST and the IMGC 66752
Molinar, G.F., Wisniewski, R., Bianchi, L. A free-rod strain-gauge pressure transducer of 1 GPa capacity 66288
Molinar, G.F. *see* Legras, J.C. 66753
Molinar, G.F. *see* Wisniewski, R. 66286
Molinar, G.F. *see* Wisniewski, R. 87129
Molinari, G. *see* Fernandes, P. 73220
Molinari, G. *see* Marchesi, M.L. 83564
Molinari, S. Design and safety regulations for lighting equipment 69189
Molino, J.A. *see* Sauerwein, T.A. 99051
Molins, E. *see* Espinosa, E. 50441
Molisch, A.F., Seifert, F.J. Accurate computation of the electrostatic charge distribution on shielding plates of SAW-transducers 71920
Moliton, A. *see* Trouillas, P. 93118
Molitor, P., Scholl, C. Communication based multilevel synthesis for multi-output Boolean functions 49273
Mol'kov, S.I. *see* Kozin, A.E. 56609
Moll, A. *see* Madok, J.H. 49868
Moll, F. *see* Roca, M. 71808
Moll, H.-C. *see* Robertsson, M.E. 94128
Moll, M. *see* Schulz, T. 88105
Mollan, R.A.B. *see* Barr, D.A. 76993
Molle, M.L. *see* Polyzos, G.C. 64900
Molle, P. *see* Louis, D. 81653
Mollekopf, G. *see* Barth, M. 48977
Mollenauer, J.F., Campbell, G. Cable-TV protocols for metropolitan and regional communication systems 66059
Mollenauer, L.F. Soliton transmission speeds greatly multiplied by sliding-frequency guiding filters 63409
Mollenauer, L.F., Mamyshev, P.V., Neubelt, M.J. Measurement of timing jitter in filter-guided soliton transmission at 10 Gbits/s and achievement of 375 Gbits/s-Mm, error free, at 12.5 and 15 Gbits/s 56349
Mollenhauer, D.H., Griffin, O.H., Jr. Induced strain of actuation of surface bonded piezoceramic patches: a numerical and experimental study 63103
Mollenkopf, S., Rebeiz, G.M. A 22 GHz MIC active receiver/radiometer 80798
Moller, A.M. Equivalence of policing mechanisms 48751
Moller, B., Zeeb, E., Fiedler, U., Hackbarth, T., Ebeling, K.J. Linewidth enhancement factor of vertical-cavity surface-emitting laser diodes 83095
Moller, B., Zeeb, E., Hackbarth, T., Ebeling, K.J. High speed performance of 2-D vertical-cavity laser diode arrays 83157
Moller, C. *see* Jamelot, G. 50729
Moller, D. *see* Howells, M.R. 88278
Moller, E. *see* Hasselgren, L. 78762
Moller, H. *see* Bobel, F.G. 54912
Moller, H. *see* Bobel, F.G. 79873
Moller, H.M., Mora, T., Traverso, C. Grobner bases computation using syzygies 69795
Moller, J. *see* Allen, S.L. 63878
Moller, J.M. *see* Lasnier, C.J. 63879
Moller, K. *see* Witte, G. 54122
Moller, K.D. Miniaturized wavefront dividing interferometers without moving parts for field and space applications 50545
Moller, M., Rein, H.-M., Wernz, H. 13 Gb/s Si-bipolar AGC amplifier IC with high gain and wide dynamic range for optical-fiber receivers 75411
Moller, M., Rein, H.-M., Wernz, H. 15 Gbit/s high-gain limiting amplifier fabricated using Si-bipolar production technology 80147
Moller, M., Rein, H.-M., Wernz, H. A Si-bipolar AGC amplifier IC with high gain and wide dynamic range for 10 Gb/s optical-fiber receivers 86457
Moller, P.K. Real-time quality assessment of seismic time series 77342
Moller, R. *see* Xu, J. 76237
Moller, S.P. The Aarhus storage ring for ions and electrons ASTRID 76308
Moller, S.P. *see* Elsener, K. 67194
Moller-Larsen, A. *see* Albrektsen, O. 56816
Moller-Pedersen, B. *see* Nyeng, A. 96840
Moller-Pedersen, O. *see* Mazaher, S. 96458
Moller-Sorensen, T. HSP-Form Training helps children to begin with reading 98985
Molless, A. *see* Martino, R. 71505
Molless, A.F. *see* Ferguson, R.A. 71466
Molless, A.F. *see* Liebmann, L.W. 71507
Mollinger, J. *see* Kadar, Z. 58689
Mollinger, J.R. *see* Bossche, A. 79501
Mollmann, K., Gellermann, W. Optical and laser properties of $(F_2^+)_H$ centers in sulfur-doped NaCl 63716
Mollmann, K., Schrempel, M., Bing-Kun Yu, Gellermann, W. Subpicosecond and continuous-wave laser operation of $(F_2^+)_H$ and $(F_2^+)_{AH}$ color-center lasers in the 2-μm range 63754
Mollmann, K.-P., Happ, M., Herrmann, K.-H. Evidence of coherent quantum 1/f noise in long n^+p diffusion current dominated (Hg,Cd)Te photodiodes 56534
Mollot, F. *see* Le Person, H. 72654
Mollot, F. *see* Minot, C. 62281
Mollot, F. *see* Vignaud, D. 81273
Molloy, M. *see* Frieze, A. 91242
Molloy, R. *see* Mouloua, M. 99050
Molloy, S., Schoner, B., Madisetti, A., Jain, R. An 80 k-transistor configurable 25 MPixels/s video compression processor unit 97699
Molloy, S.J. *see* Liu, C.T. 63025
Molnar, R.J., Moustakas, T.D. Growth of gallium nitride by electron-cyclotron resonance plasma-assisted molecular-beam epitaxy: the role of charged species 91456
Molnar, R.J. *see* Brandt, M.S. 49852
Molnar, S. *see* Rogers, T.P. 62945
Molnar, S.von *see* von Molnar, S.
Molodkin, V. *see* Androsov, V. 76390
Molodkin, V. *see* Bar'yakhtar, V. 67407
Moloney, C.R. *see* Zaman, M.R. 84959
Moloney, I.V. *see* Indik, R. 63856
Moloney, J.V. *see* Geddes, J.B. 94662
Moloney, K. *see* Burke, K. 62976
Molony, A. *see* Farries, M.C. 56514
Molotkov, S.V. *see* Shmakov, E.M. 75924
Molotkov, S.V. *see* Shmakov, E.M. 75940
Mols, P.P.G. *see* Hooijmans, P.W. 86445
Mols, R.F.X.A.M., Ernst, G.J. Performance of a MOPA laser system for photocathode research 50769
Moltz, D.M., Robertson, J.D., Batchelder, J.C., Cerny, J. Development of low-energy proton detector telescopes 98536
Moltzan, H., Baker, C.T. Tg and integrated circuit encapsulant stress 93521
Molva, R., Samfat, D., Tsudik, G. An authentication protocol for mobile users 65626
Molva, R. *see* Blum, C. 85464
Molyneux, J.E., Witten, A. Impedance tomography: imaging algorithms for geophysical applications 67753
Molyneux, J.E. *see* Witten, A.J. 77298
Molzow, W.-D. *see* Gerhard-Multhaupt, R. 63950
Mombourquette, C. *see* Jia, Q.X. 72235
Momen, S. *see* Roth, B.J. 53406
Momma, H., Mitsuzawa, K., Kaiho, Y., Hotta, H. "Hatsushima"—real time long-term deep sea floor observatory 99279
Momma, N. *see* Fukuda, T. 61396
Momma, T. *see* Osaka, T. 78794
Mommaert, C. *see* Aoki, S. 53304
Momodomi, M. *see* Tanzawa, T. 70527
Momoh, J.A., Dias, L.G., Thor, T., Laird, D. Rule based decision support system for single-line fault detection in a delta-delta connected distribution system 53743
Momoh, J.A., Dias, L.G., Thor, T., Laird, D. Rule based decision support system for single-line fault detection in a delta-delta connected distribution system 78240
Momoh, J.A., Dias, L.G., Thor, T., Laird, D.N. Development of rules for single-line fault diagnosis in delta-delta connected distribution systems 89247
Momoh, J.A., Guo, S.X., Ogbuobiri, E.C., Adapa, R. The quadratic interior point method solving power system optimization problems 88996
Momoh, J.A. *see* Butler, K.L. 99680
Momosaki, E., Kaneko, T. A study of quartz tuning fork resonators in the overtone mode with unwanted temperature characteristics 71889
Momose, H., Mori, N., Taniguchi, K., Hamaguchi, C. New model for Monte Carlo simulation of hot electrons in quantum wires 62295
Momose, H.S., Iwai, H. Analysis of the temperature dependence of hot-carrier-induced degradation in bipolar transistors for Bi-CMOS 63033
Momose, H.S., Morimoto, T., Ozawa, Y., Yamabe, K., Iwai, H. Electrical characteristics of rapid thermal nitrided-oxide gate n- and p-MOSFET's with less than 1 atom% nitrogen concentration 49980
Momose, H.S. *see* Ono, M. 71674
Momose, H.S. *see* Saito, M. 62850
Momose, M., Kamiya, K., Sugita, K., Ueno, N. Growth and stability of H_2-phthalocyanine thin films on MoS_2 surfaces studied by means of low-energy electron transmission spectroscopy 81110

Momose, M. *see* Migita, M. 72629
Momose, T. *see* Koshikawa, S. 97199
Momot, G.V. *see* Borisov, N.B. 89495
Momota, K., Aoki, Y., Yamamoto, T., Nakagawa, H., Sugimori, K. A high-power high-efficiency space TWT for 22-GHz band DBS 62127
Momota, S. *see* Otsuki, M. 55967
Momotake, T. *see* Ogimoto, K. 89056
Mompo, R., Calvo, M. New trellis codes for the transmission of 2, 3 and 4 bits of information per symbol over fading channels 51336
Momura, M. *see* Nishida, K. 66069
Mon, G.R. *see* Ross, R.G., Jr. 53510
Mon-Song Chen *see* Tak Shing Peter Yum 51768
Monaco, M.F. *see* Gaudioso, M. 54712
Monaco, R. *see* Cristiano, R. 63311
Monaco, S. *see* Georgiou, G. 78596
Monaghan, J.B., Atkinson, R., Salter, I.W. Measurements of the angular performance of magneto-optic phase enhanced quadrilayers based on TbFeCo 50600
Monahan, K.M., Davidson, M., Grycz, Z., Krieger, R., Shoumaker, B., Zmrzli, R. Low-loss electron imaging and its application to critical dimension metrology 87525
Monakov, A.A., Vivekanandan, J., Nystrom, A., Stjernman, A. Antenna illumination effects on measurements of rough surface scattering 75582
Monakov, A.A., Vivekanandan, J., Stjernman, A.S., Nystrom, A.K. Spatial and frequency averaging techniques for a polarimetric scatterometer system 59599
Monarchie, D., Budzilek, R., Cupero, F. Sunlight viewable electroluminescent displays for military applications 76127
Moncada, P., Grassi, G. Bio-energy and the environment: land of possible misunderstanding 53850
Monch, W. *see* Westermann, J. 55737
Monchalin, J.-P. *see* Blouin, A. 73098
Monchick, L. Molecular scattering experiments at high altitudes 77113
Moncton, D.E., Fenner, R.B. A status update on the Advanced Photon Source Project—summer 1994 88271
Mondal, A. *see* Banerjee, S. 78268
Mondal, D. *see* Biswas, B.N. 70879
Mondal, M.A. *see* Das, A.K. 50535
Mondal, M.A. *see* Das, A.K. 56355
Mondal, M.A. *see* Das, A.K. 63385
Mondal, M.A. *see* Das, A.K. 66199
Mondardini, M.R. *see* Anzivino, G. 67353
Mondelli, A. *see* Petillo, J. 67123
Mondelli, A. *see* Tsang, K.T. 87909
Mondin, M. *see* Benedetto, S. 64321
Mondin, M. *see* Benedetto, S. 73772
Mondin, M. *see* Daneshgaran, F. 83905
Mondin, M. *see* Daneshgaran, F. 91182
Mondino, P.-L. *see* Wesley, J.C. 82409
Mondino, P.L. *see* Tenconi, S.M. 68714
Mondot, E., David, J.P. Experimental procedure influence on total dose CMOS inverters hardness 70367
Mondot, E. *see* David, J.P. 70356
Mondry, M. *see* Schramm, J.E. 56019
Monediere, T. *see* Melon, C. 72067
Monediere, T. *see* Reineix, A. 57237
Monediere, Th., Latrach, M., Jecko, F. Accurate determination of magnetic loss of ferrite material, far from gyroresonance, ΔH_{eff}, in a wide frequency range 72068
Monegato, G. *see* Mastroianni, G. 79736
Moneger, S. *see* Seghier, D. 49780
Monekosso, N. *see* Goodbody, C. 99106
Monemar, B. *see* Chen, W.M. 71098
Moneo, J.R. de F. *see* Carnicer, A. 57666
Monerie, M. *see* Auge, J. 50759
Monerie, M. *see* Poignant, H. 72788
Monerie, M. *see* Taunay, T. 82583
Monfors, H. Alternative technologies: prospects for radio-based communications 58299
Mong, F.Y. *see* Brown, W.L. 59809
Mong Koh Liang *see* Liang Mong Koh
Mong Lung Lang *see* Harada, K. 54686
Mong-Kai Ku *see* Chang, G. 91932
Monga, O., Longagne, R., Deriche, R. Extraction of the zero-crossings of the curvature derivatives in volumic 3D medical images: a multi-scale approach 88351
Monger, A. *see* Mills, D.R. 68491
Mongia, R.K., Ittibipoon, A., Cuhaci, M. Low profile dielectric resonator antennas using a very high permittivity material 83838
Mongia, R.K., Ittipiboon, A., Cuhaci, M. Measurement of radiation efficiency of dielectric resonator antennas 51248
Mongia, R.K., Ittipiboon, A., Cuhaci, M., Roscoe, D. Circularly polarised dielectric resonator antenna 83837
Mongia, R.K., Larose, C.L., Mishra, S.R., Bhartia, P. Accurate measurement of Q-factors of isolated dielectric resonators 76177
Mongia, R.K. *see* Petosa, A. 64230
Mongia, R.K. *see* Trueman, C.W. 87481
Mongiardo, M. *see* Alessandri, F. 80567
Mongiardo, M. *see* Alessandri, F. 80615
Mongiardo, M. *see* Corri, G. 80564
Mongiardo, M. *see* Mezzanotte, P. 80745
Mongiardo, M. *see* Mezzanotte, P. 80776
Monguillot, G. *see* Takenazi, M. 98965
Monich, G. A new broadband active absorber concept for conical TEM cells 57127
Monich, G. *see* Straumann, T. 58486
Monie, E.C. *see* Srinivasan, S. 92292
Monien, B. *see* Hromkovic, J. 58126
Monier, L. *see* Fitch, J. 92300
Monin, A., Salut, G. Exact ARMA lattice predictors from autocorrelation functions 57550
Monin, J. *see* Vincent, D. 76153
Monin, W. *see* Guillemin, F. 85287
Monissette, M.L. *see* Pizzi, S.V. 58340
Moniz, J.M., Maoz, B. Improving the dynamic range of Si MMIC Gilbert cell mixers for homodyne receivers 80791
Monk, A.D., Clarricoats, P.J.B. Flexible coverage and nulling using reconfigurable reflectors 57294
Monk, A.D., Clarricoats, P.J.B. Experimental demonstration of adaptive nulling using a mesh reflector antenna 73558
Monk, A.D. *see* Clarricoats, P.J.B. 51243
Monk, A.F. *see* McCarthy, J.C. 96828
Monk, A.M., Davis, M., Milstein, L.B., Helstrom, C.W. A noise-whitening approach to multiple-access noise rejection in a CDMA system 75178
Monk, A.M., Davis, M., Milstein, L.B., Helstrom, C.W. A noise-whitening approach to multiple access noise rejection .I. Theory and background 75200
Monk, A.M., Milstein, L.B. A CDMA cellular system in a mobile base station environment 75306
Monk, G., Stonely, B.T., Stringfellow, M.F. SNMP and UPS in network power management 58210
Monk, P., Suli, E. Error estimates for Yee's method on non-uniform grids 83435
Monk, P. *see* Cohen, G. 73268
Monk, P.B., Parrott, A.K. A parallel electromagnetic scattering code 73263
Monka, J. Controlling in enterprise management 69480
Monkhouse, P.J. *see* Xia, Z.P. 54135
Monkman, A.P. *see* Holland, E.R. 71652
Monllor, C. *see* Benech, Ph. 52863
Monmasson, E., Hapiot, J.C., Grandpierre, M. A digital control system based on field programmable gate array for AC drives 54171
Monne, J. *see* Jouvet, D. 73889
Monneret, J. *see* Gindre, D. 94620
Monneret, J. *see* Maillotte, H. 63986
Monneret, J. *see* Maillotte, H. 63987
Monnes, P., Furht, B. Parallel JPEG algorithms for still image compression 84859
Monnier, E. *see* Gingrich, D. 53291
Monnoh, M. *see* Kamiyama, S. 72821
Monnom, G., Dussardier, B., Maurice, E., Saissy, A., Ostrowsky, D.B. Fluorescence and superfluorescence line narrowing and tunability of Nd^{3+} doped fibers 94390
Monnom, G. *see* Boukenter, A. 82997
Monnom, G. *see* Magne, S. 72732
Monnom, G. *see* Maurice, E. 63422
Monnot, J.-L. *see* Moret-Bailly, J. 94714
Monnot, M. *see* Meilleur, R. 50804
Monogioudis, P. *see* Taaghol, P. 52431
Monorchio, A. *see* Pelosi, G. 94791
Monosov, Ya.A. *see* Ibaev, Yu.K. 83146
Monovsky, V.K. *see* Nikolov, I.D. 64846
Monro, D.M. A hybrid fractal transform 84980
Monro, D.M., Nicholls, J.A. Real time fractal video for personal communications 64762
Monro, D.M., Woolley, S.J. Rate/distortion in fractal compression: order of transform and block symmetries 95911
Monro, D.M. *see* Sherlock, B.G. 51550
Monro, D.M. *see* Sherlock, B.G. 64319
Monro, D.M. *see* Sherlock, B.G. 95913
Monro, D.M. *see* Woolley, S.J. 64763
Monrocq, C. *see* Vaillant, R. 84823
Monroe, C. *see* Jefferts, S.R. 86939
Monroe, D. *see* Erdogan, T. 72307
Monroe, D. *see* Weir, B.E. 71086
Monroe, D. *see* Ya-Hong Xie 62739
Monroe, S. *see* Maluf, N.I. 76881
Monroe, S.E., Jr. *see* Soutar, C. 56441
Monser, G.J. Measure antenna gain without a test range 94979
Monta, P.A. *see* Apostolopoulos, J.G. 75734
Montagna, M. *see* Granelli, G.P. 53648
Montagna, M. *see* Granelli, G.P. 77837
Montalant, T. *see* Aubin, G. 75397
Montalbetti, M. The up-dating of tariffs for the supply of electricity in Italy 59839
Montalti, F. *see* Caviglia, F. 52471
Montanari, C. *see* Benetti, P. 67327
Montanari, C. *see* Benetti, P. 67328
Montanari, C. *see* Cennini, P. 67285
Montanari, C. *see* Cennini, P. 76755
Montanari, G.C., Loggini, M., Pitti, L., Tironi, E., Zaninelli, D. The effects of series inductors for flicker reduction in electric power systems supplying arc furnaces 69224
Montanari, G.C., Mazzanti, G. From thermodynamic to phenomenological multi-stress models for insulating materials without or with evidence of threshold [XLPE cables] 82173
Montanari, G.C. *see* Cacciari, M. 61066
Montanari, G.C. *see* Cacciari, M. 71838
Montanari, G.C. *see* Cavallini, A. 67998
Montanari, G.C. *see* Cavallini, A. 68852
Montanari, G.C. *see* Cavallini, A. 77884
Montanari, G.C. *see* Cavallini, A. 78702
Montanari, G.C. *see* Loggini, M. 78701
Montanari, G.C. *see* Sasdelli, R. 77892
Montanari, G.C. *see* Sasdelli, R. 89058
Montanari, I. *see* Negrini, F. 82472
Montanari, R. *see* Bianco, A. 54977
Montandon, E. Protection of telecommunication equipment 54095
Montandon, I. Making the million gate ASIC a reality 92086
Montangero, P., Azzini, G.A., De Franceschi, R., Mancini, M., Serra, L. Optical-beam-induced current and photoluminescence techniques for localization of crystallographic defects in optoelectronic devices 56744
Montangero, P., Serra, L., Devoldere, P., Garnier, N. Quality and reliability of III-V optoelectronic devices: Field experiences and laboratory results 94536
Montano, F. *see* Adam, W. 88114
Montano, L. *see* Neira, J. 51723
Montano, P.A. *see* Sung Shik Yoo 88040
Montano, P.A. *see* Yoo, S.S. 98011
Montaron, J. *see* Flament, O. 70769
Montarou, G. *see* Ariztizabal, F. 98518
Montasser, K.I., Mohamed, O.I. Technical thin film formation methods in low temperature plasma 91626
Montasser, K.I. *see* Eib, E.-H.M.A. 94991
Montazeri, M., Duhamel, P. A set of algorithms linking NLMS and block RLS algorithms 84291
Montazeri, M. *see* Duhamel, P. 84308
Montcalm, C., Sullivan, B.T., Ranger, M., Slaughter, J.M., Kearney, P.A., Falco, C.M., Chaker, M. Mo/Y multilayer mirrors for the 8-12-nm wavelength region 63543
Montcalm, C., Sullivan, B.T., Ranger, M., Slaughter, J.M., Kearney, P.A., Falco, C.M., Chaker, M. Mo/Y multilayer mirrors for the 8-12-nm wavelength region 72548
Montecalvo, A. *see* Redden, M. 88650
Montecchi, M., Nichelatti, E., Colucci, A., Masetti, E. Sawtooth phase modulating interferometry for the measurement of reflectivity and phase profiles of CO_2 laser graded reflectivity mirrors 72976
Monteiro, E. *see* Rodrigues, A. 52137
Monteiro, J., Devadas, S., Lin, B. A methodology for efficient estimation of switching activity in sequential logic circuits 92094
Monteiro, J. *see* Alidina, M. 92145
Monteiro, J.A.S., Gerla, M. Bandwidth allocation in ATM networks 64983
Monteiro, L.F. *see* Liang, D. 52936
Monteiro, M.L.F. *see* Liang, D. 52936
Monteiro, P., Matos, J.N., Gameiro, A., Da Rocha, J.R.F. 20 Gbit/s DR based timing recovery circuit 58398
Monteiro, R.D.C., Wright, S.J. Local convergence of interior-point algorithms for degenerate monotone LCP 54708
Montejo-Garai, J., Valor, L., Garcia, J., Zapata, J. A full-wave analysis of tuning and coupling posts in dual-mode circular waveguide filters 70722
Montemezzani, G. *see* Duelli, M. 57021
Montereali, R.M. *see* Furetta, C. 72580
Montero, J.M. *see* Aguilera, S. 98987
Montero de Espinosa, F.R. *see* Tardajos, G. 87610
Montes, B. *see* Specka, A. 76597
Montes, C. *see* Botineau, J. 63897
Montes, R. *see* Cosculluela, M.J. 89172
Montes-Usategui, M., Campos, J., Juvells, I., Vallmitjana, S. Sidelobe elimination for generalized synthetic discriminant functions by a two-filter correlation and subsequent postprocessing of the intensity distributions 57664
Montesperelli, G. *see* Bearzotti, A. 66252
Montesperelli, G. *see* Bianco, A. 54977
Montesperelli, G. *see* Mattogno, G. 87609
Montessoro, P.L. *see* Gai, S. 49296
Montessoro, P.L. *see* Gai, S. 55089
Monteverde, R.J. *see* Anderson, P.R. 82029
Montgomery, D. *see* Almasque, J. 89174
Montgomery, D. *see* Saffman, M. 50925
Montgomery, D.B. *see* Hassenzahl, W.V. 82468
Montgomery, D.C., Keats, J.B., Runger, G.C., Messina, W.S. Integrating statistical process control and engineering process control 60995
Montgomery, D.C. *see* Del Castillo, E. 48708
Montgomery, D.M.I. *see* Bradnam, M.S. 88491
Montgomery, E.E., IV *see* Bennett, H.E. 88705
Montgomery, E.F. *see* Rieke, M.J. 58787
Montgomery, E.F. *see* Williams, D.M. 66424
Montgomery, J. *see* Miller, I. 56679
Montgomery, J.H. *see* Quinn, L.J. 93429
Montgomery, J.H. *see* Wu, Y. 49865
Montgomery, J.S. *see* Bayoumi, A.M. 63012
Montgomery, R. *see* Dodroe, S.J. 89099
Montgomery, R.K., Feygenson, A., Smith, P.R., Yadvish, R.D., Hamm, R.A., Temkin, H. A 28 GHz transimpedance preamplifier with inductive bandwidth enhancement 61948
Montgomery, R.K. *see* Feygenson, A. 61914
Montgomery, R.K. *see* Martin, S. 55411

Montgomery, R.K. *see* Reygenson, A. 93345
Monti, A. *see* Ostinelli, A. 99018
Monti, C. *see* Chung, K. 81047
Monti, M. *see* Cassis, M. 75794
Monti Guarnieri, A., Prati, C., Rocca, F. SAR interferometric quick-look 77609
Monti-Guarnieri, A., Parizzi, F., Pasquali, P., Prati, C., Rocca, F. SAR interferometry experiments with ERS-1 77247
Monticelli, A. *see* Romero, R. 59882
Monticelli, A. *see* Romero, R. 89165
Monticelli, A. *see* Saavedra, O.R. 88943
Monticelli, A. *see* Sato, F. 53646
Monticelli, A. *see* Sato, F. 77840
Monticone, E. *see* Gervino, G. 67290
Monticone, E. *see* Gervino, G. 67471
Monticone, L.C., Funk, G. Application of the facility location problem to the problem of locating concentrators on an FAA microwave system 97043
Montmayeul, R., Mosneron-Dupin, F., Llory, M. The managerial dilemma between the prescribed task and the real activity of operators: some trends for research on human factors 89444
Montorsi, G. *see* Benedetto, S. 64321
Montoya, J. *see* Fleddermann, C.B. 54397
Montress, G.K., Parker, T.E., Loboda, M.J. Residual phase noise measurements of VHF, UHF, and microwave components 87466
Montress, G.K. *see* Parker, T.E. 93861
Montrosset, I. *see* Bandelloni, G. 83025
Montrosset, I. *see* Hui, R. 50917
Montrosset, I. *see* Ottolenghi, P. 72856
Montserrat, J. *see* Ducnas, S. 81211
Montserrat, J. *see* Ducnas, S. 81454
Montuclard, J. *see* Gillier, R. 87654
Montuori, M. *see* Epifani, M. 66369
Montuschi, P., Ciminiera, L. Radix-8 division with over-redundant digit set 70352
Montvilas, A.M. A sequential nonlinear mapping for data analysis 64882
Monty, C. *see* Tabet, N. 80881
Monzani, F. *see* Frontera, F. 76828
Monzavi, N. *see* Johnsen, T. 95207
Monzon, J.C. Comments on "Radiation and scattering from thin wires in chiral media" 57102
Monzon, J.C., Damaskos, N.J. A scheme for eliminating internal resonances: the parasitic body technique 73315
Monzon, J.J., Sanchez-Soto, L.L. Optical performance of absorber structures for thermal detectors 87274
Moo, C.S., Chang, Y.N. Harmonic analysis on 3-phase full-controlled converter-fed DC drives 100830
Moo, C.S. *see* Chang, Y.N. 100925
Moo, C.S. *see* Yan, Y.H. 60639
Moo Kim Taek *see* Taek Moo Kim
Moo Kwon Yong *see* Yong Moo Kwon
Moo Sun Kim *see* Seong Il Kim 70006
Moo-Sung Kim, Yong Kim, Min-Suk Lee, Young Ju Park, Seong-Il Kim, Suk-Ki Min The facet evolution during metalorganic vapor phase epitaxial growth on V-grooved high Miller index GaAs substrates 48933
Moo-Sung Kim *see* Seong-Il Kim 72807
Moo-Sung Kim *see* Seong-Il Kim 81438
Moodie, D.G., Ellis, A.D., Ford, C.W. Generation of 6.3 ps optical pulses at a 10 GHz repetition rate using a packaged electroabsorption modulator and dispersion compensating fibre 94176
Moodie, D.G. *see* Ellis, A.D. 75510
Moody, E.B. Stability conditions for discrete orthogonal polynomial deconvolution 74206
Moody, M. *see* Cole, D. 95303
Moody, M.P. *see* Ong, S. 95344
Moody, M.P. *see* Yuchang Cao 95305
Moody, R.V., Weiss, A. On shelling E_8 quasicrystals 61100
Moohyun Yoon, Jinhyuk Choi, Taeyeon Lee Effects of vibration in storage ring of Pohang Light Source 66787
Moohyun Yoon *see* Taeyeon Lee 98423
Mooi Choo Chuah Analysis of networks of queues via projection techniques 74765
Mooi Choo Chuah *see* DeSimone, A. 74727
Mooij, J.E. *see* Sohn, L.L. 50428
Mooij, J.E. *see* Verbrugh, S.M. 66641
Mooij, W.G.P. Conditional access systems for digital television 97626
Mook, G., Lange, R. Eddy current testing of CFRP—new probes and techniques 91675
Mookerjee, R. I_{DDQ} testing detects elusive faults in CMOS ASICs 93608
Moolenbeek, R. *see* Mussman, H. 75424
Moolji, A.A., Bahl, S.R., del Alamo, J.A. Impact ionization in InAlAs/InGaAs HFET's 81937
Moon, C.W. *see* Hong, J.P. 72240
Moon, D.K. *see* Fellers, J.W. 48599
Moon, J. Timing sensitivity in discrete-time equalization [magnetic recording channels] 50353
Moon, J. *see* Nair, S. 50361
Moon, J.-D., Kim, J.-G., Lee, D.-H. Discharges of point-to-plate gaps in pure water 64072
Moon, J.-D., Lee, D.-H. A miniature size electrostatic induction motor 68620
Moon, J.A., Mahon, R., Duncan, M.D., Reintjes, J. Three-dimensional reflective image reconstruction through a scattering medium based on time-gated Raman amplification 84625
Moon, K.H. *see* Chun, H.S. 60434
Moon, K.J., Allinson, N.M., Helliwell, J.R. High-speed acquisition system for Laue diffraction patterns 88310
Moon, K.J. *see* Castelli, C.M. 88322
Moon, P. *see* Lee, Y.-H. 62999
Moon, S., Hwang, J.-N. Coordinated training of noise removing networks 73826
Moon, S.I., Keyhani, A. Estimation of induction machine parameters from standstill time domain data 68600
Moon, S.W., Suh, S.H., Choi, C.S. Indium doped $Hg_{0.7}Cd_{0.3}Te$/undoped $Hg_{0.8}Cd_{0.2}Te$/CdTe heterojunction grown by Te-rich liquid phase epitaxy 61317
Moon, T.K., Zhenhua Xie, Rushforth, C.K., Short, R.T. Parameter estimation in a multi-user communication system 85265
Moon, W.M. *see* Won, J.S. 77258
Moon Byung Ro *see* Byung Ro Moon
Moon Dae Gyu *see* Dae Gyu Moon
Moon Dong Chan *see* Dong Chan Moon
Moon Gun Woo *see* Gun Woo Moon
Moon Heonhee *see* Heonhee Moon
Moon Ho Lee *see* Daechul Park 95660
Moon Hong-Ju *see* Hong-Ju Moon
Moon Hwan Seong *see* Hwan Seong Moon
Moon Hyoung Lee *see* Joon Yul Joo 95512
Moon Jae-Duk *see* Jae-Duk Moon
Moon Jaekyun *see* Jaekyun Moon
Moon Jo Jae *see* Jae Moon Jo
Moon Joo-Hee *see* Joo-Hee Moon
Moon Key Lee *see* Seung Hyun Nam 61742
Moon Kyeong Deok *see* Kyeong Deok Moon
Moon Roh Tae *see* Tae Moon Roh
Moon Sang Jae *see* Sang Jae Moon
Moon Seung-Chan *see* Seung-Chan Moon
Moon Seung-Ill *see* Seung-Ill Moon
Moon Shick Chung *see* Taek Moo Kim 72448
Moon Soo Choi, Chi-Hyuck Jun Terminal-pair reliability of network system using flow augmenting path search algorithm 49107
Moon Soo Choi, Chi-Hyuck Jun Some variants of polygon-to-chain reductions in evaluating reliability of undirected network 91142
Moon-Yong Lee *see* Chang-Jin Sohn 71483
Moon-Yong Lee *see* Woo-Sung Han 71467
Moondanos, J. *see* Hoskote, Y.V. 49265
Moonen, M., Vanpoucke, F.J., Deprettere, E.F. Parallel and adaptive high-resolution direction finding 84363
Mooney, G.D. *see* Witt, C.E. 100725
Mooney, J. *see* Chi, M. 81351
Mooney, J.M. On the future of MRT 66446
Mooney, M.G., Wilson, M.G. Linear array transducers with improved image quality for vascular ultrasonic imaging 88347
Mooney, T.M., Toellner, T., Sturhahn, W., Alp, E.E., Shastri, S.D. High-resolution, large-angular-acceptance monochromator for hard X-rays 88294
Moonho Kim, Deokro Yoon, Soongjoon Cha, Joohyun Jin, Soonkwon Lim, Kyuhyun Choi A global optimization of bipolar model parameters using simulated diffusion 62686
Moonil Kim *see* Hacker, J.B. 80709
Moons, T., Van Gool, L., Van Diest, M., Pauwels, E. Affine reconstruction from perspective image pairs obtained by a translating camera 74621
Moons, T. *see* Van Gool, L. 74615
Moor, H.H.C.de *see* de Moor, H.H.C.
Moor, W., Florin, C. Thermographic inspection of high voltage transmission lines 59969
Moore, A.J. *see* Pearson, C. 62867
Moore, A.J. *see* Williams, G. 63588
Moore, B. PSU IC for battery-powered systems 55110
Moore, B., Panian, J. CMIP/SNMP integration prototype 51990
Moore, B. *see* Brown, D. 59084
Moore, B. *see* Frey, W.J. 79059
Moore, B. *see* Maheshwar, T.M. 96646
Moore, B.T. *see* Farahani, M.M. 55272
Moore, C. *see* Hengjie Ma 98461
Moore, C. *see* Lockyer, D. 73557
Moore, C.G., Harris, C.J., Rogers, E. Utilising fuzzy models in the design of estimators and predictors: an agile target tracking example 52621
Moore, C.J. *see* Tilton, D.E. 91084
Moore, C.R. The PowerPC 601 microprocessor 70589
Moore, C.R. *see* Jablon, A.R. 55383
Moore, C.R. *see* Lehtonen, S.J. 55430
Moore, D. *see* Little, J.W. 59395
Moore, D. *see* Thottuvelil, V.J. 49163
Moore, D.R. Strategic planning for Clean Air Act Amendment compliance 78374
Moore, D.R. *see* Daniel, H.S. 82607
Moore, E.L., DePaula, R.P., Berthold, J.W., III Current trends of fiber optic sensor technology 76018
Moore, E.L. *see* He, G. 76022
Moore, E.L. *see* He, G. 76023
Moore, F.T. *see* Hansen, M.E. 81606
Moore, G.T. *see* Cheung, E.C. 56863
Moore, H.H., IV *see* Berman, J.I. 51902
Moore, I. Government finance for innovation in small firms: the impact of SMART 60832
Moore, I. *see* Garnsey, E. 60830
Moore, J.B. *see* Collings, I.B. 95485
Moore, J.B. *see* Elliott, R.J. 95570
Moore, J.E. Using and abusing management consultancy 69490
Moore, J.L. *see* Brewster, A.E. 98751
Moore, L.Chernek *see* Chernek Moore, L.
Moore, M.R. Valve-regulated lead acid vs. flooded cell 68965
Moore, N.E. Numerical solution of differential equations to prescribed accuracy 91379
Moore, P. *see* Aggarwal, R. 53791
Moore, P. *see* Aggarwal, R. 99757
Moore, P.J., Aggarwal, R.K., Jiang, H., Johns, A.T. New approach to distance protection for resistive double-phase to earth faults using adaptive techniques 78182
Moore, P.J., Carranza, R.D., Johns, A.T. A new numeric technique for high-speed evaluation of power system frequency 99418
Moore, R. Supporting enhanced SMR [specialised mobile radio] 65605
Moore, R. *see* Flanagan, K.A. 59232
Moore, R. *see* Kenter, A. 59233
Moore, R.A. *see* Rod, B.J. 49003
Moore, R.K., Ahamad, A. Limitation on the use of spaceborne imaging SAR as rain radars 77367
Moore, R.K. *see* Evans, C. 99217
Moore, R.K. *see* Haimov, S. 77519
Moore, R.K. *see* Haimov, S. 77520
Moore, R.K. *see* Hesany, V. 99240
Moore, R.K. *see* Jensen, U. 73785
Moore, R.K. *see* Rose, M. 99218
Moore, R.K. *see* Stuart, M.A. 77389
Moore, R.L. *see* Birch, J.R. 76149
Moore, R.S. *see* Hertzler, J. 53326
Moore, S.C., DeVries, D.J., Nandram, B., Dardzinski, B.J., Kijewski, M.F., Mueller, S.P. Collimator design optimization using Monte Carlo simulation and Bayesian parameter estimation 76919
Moore, S.C. *see* Hong Liu 88433
Moore, S.W. A fiber optic system for measuring dynamic mechanical properties of embryonic tissues 53389
Moore, T. High-speed rail heading down the track 60558
Moore, T. Producing the near-term EV battery 78926
Moore, T.E. *see* Kusyk, R.G. 58414
Moore, T.J. *see* Bond, Z.S. 95231
Moore, V., Lucek, E.A., Sime, D.G., Harrison, R.A. The study of the solar wind using interplanetary scintillation observations from the MRAO, Cambridge, array 66008
Moore, V. *see* Werner, M. 81345
Moore, W., Chow, L., Sanmugasunderam, A., Gourley, R. Enhancing the user interface and graphical techniques with domain and display knowledge 52001
Moore, W.E. *see* Perkes, G. 74262
Moore, W.J. Errors in film refractive-index determinations from interference fringes 76226
Moore, W.Walding, Jr. *see* Walding Moore, W., Jr.
Moores, J.D. *see* Khatri, F.I. 72733
Moores, S.P. *see* Humphery, J.D. 99291
Moorhead, G.F. *see* Anghinolfi, F. 88228
Moorhead, G.F. *see* Anghinolfi, F. 98663
Moorhead, G.F. *see* Bates, S.J. 53308
Moorhead, G.F. *see* Borer, K. 53347
Moorhead, R.J. *see* Nirgudkar, R.P. 85836
Moorman, M.J., Bullock, T.E. A federated extended Kalman filter with application to passive target tracking 57469
Moorman, R.A., Westerkamp, J.J. Maximizing noise-limited detection performance in medium PFR radars by optimizing PFR visibility 59635
Moortel, J.De *see* De Moortel, J.
Moorthy, S.K. *see* Wu, J.K. 57883
Moorwood, A.F.M. IR instrumentation for the ESO VLT 66423
Moorwood, A.F.M. *see* Finger, G. 58785
Moos, H.W. *see* Regan, S.P. 63565
Moosa, Z., Brown, M., Edwards, D. An application of simulated annealing to maze routing 91742
Moosa, Z. *see* Brown, M. 91738
Moose, P.H. A technique for orthogonal frequency division multiplexing frequency offset correction 96169
Moosmuller, H. *see* Kovalev, V.A. 99178
Mopuri, S. *see* Dumin, D.J. 62365
Mor, I., Swissa, Y., Mitchell, H.B. A fast nearly optimum equi-spaced 3-level block truncation coding algorithm 95793
Mor, O. *see* Edry, D. 61543
Mora, T. *see* Moller, H.M. 69795
Morabito, F.C., Campolo, M. Advances in neural network non-destructive testing 51019
Morabito, F.C. *see* Coccorese, E. 83462
Morabito, M. *see* Canepa, G. 74259
Moraes, J.A. *see* Solewicz, J.A. 95337
Moraga, C. *see* Karpovsky, M.G. 73646
Moraga, C. *see* Meyer zu Bexten, E. 49572
Moraga, C. *see* Stankovic, R.S. 55231
Moragues, J.-M., Bouzidi, J., Ciantar, E., Jerisian, R., Oualid, J., Cristoloveanu, S. Coupling between the front and back interfaces in the

gate controlled P^+PN^+ diode on silicon-on-insulator 62828
Morain, F. Easy numbers for the elliptic curve primality proving algorithm 69714
Moral, A.del *see* del Moral, A.
Moral, M.N.A. *see* Nag, P.K. 60078
Morales, A., Ko, S.-J. A study of statistical properties of grayscale compound morphological operators using the basis matrix 64627
Morales, A. *see* Avignone, F.T. 67288
Morales, A. *see* Saenz, C. 59159
Morales, F.A., Abu-Amara, H. Design of a header processor for the PSi implementation of the logical link control protocol in LANs 85716
Morales, G. *see* Shu, Q.S. 87932
Morales, H. *see* Weaver, J.N. 76739
Morales, J. *see* Avignone, F.T. 67288
Morales, J. *see* Saenz, C. 59159
Morales, L.M. *see* Hernan, A.A. 96806
Morales-Bahnik, A., Czolk, R., Ache, H.J. An optochemical ammonia sensor based on immobilized metalloporphyrins 66544
Morales-Moreno, F., Holubowicz, W., Pasupathy, S. Optimization of trellis coded TFM via matched codes 57367
Moran, A.R. *see* LaBel, K.A. 70336
Moran, B.D. *see* Comaskey, B. 94402
Moran, J.B. *see* Flaherty, J.P. 65900
Moran, J.H. *see* Heary, K.P. 53814
Moran, L., Dixon, J., Muller, S., Wallace, R. An active power filter implemented with PWM voltage-source inverters in cascade 100243
Moran, L. *see* Dixon, J.W. 68836
Moran, R.J. *see* Strang, W.M. 89255
Moran, T. *see* Gaver, W. 65275
Moran, T.Luis *see* Luis Moran, T.
Morandi, C., Niccolai, L. An improved code density test for the dynamic characterization of flash A/D converters 61780
Morandi, C. *see* Allodi, L. 55173
Morandi, C. *see* Chiorboli, G. 58636
Morandi, R., Conti, C. A discrete monotonous interpolation scheme 61139
Morandi Cecchi, M., Scarpa, A. A space-time finite element method for nonlinear parabolic problems 79750
Morano, D.A. *see* Bergland, G.D. 52615
Morano, R. *see* Specka, A. 76597
Morante, J.R. *see* Peiro, F. 81306
Morante, J.R. *see* Samitier, J. 58885
Morante, J.R. *see* Vila, A. 79827
Morar, R. *see* Dascalescu, L. 64105
Morar, R. *see* Dascalescu, L. 64109
Morar, R. *see* Dascalescu, L. 73238
Moraru, A., Vasiliu, M. Field distribution in a planar winding carrying a nonsinusoidal current 70952
Morasca, S. *see* Caldera, C. 97303
Moratilla, A. *see* Benyon, R. 66106
Moratzky, M. *see* Deutsch, B. 56724
Moravec, P. *see* Hoschl, P. 61236
Moravec, T.J. *see* Schaefer, D.A. 90997
Morawetz, M. Characteristics of modern chart recorders 58908
Morawiec, J. Transmission electron microscopy studies of Kr^+-implanted silicon 62400
Morawska-Kaczynska, M. *see* Janssen, J.J. 88542
Morawski, M. A new method of recognition of distorted objects on binary images 95884
Morawski, R. *see* Szczecinski, L. 97744
Morawski, R.Z. Unified approach to measurand reconstruction 75820
Morawski, R.Z., Podgorski, A., Urban, M. Variational algorithms of dynamic calibration based on criteria defined in measurand domain 75830
Morawski, R.Z. *see* Barwicz, A. 66095
Morawski, R.Z. *see* Barwicz, A. 97743
Morawski, R.Z. *see* Barwicz, A. 97877
Morawski, R.Z. *see* Brouard, P. 95701
Morawski, R.Z. *see* Jaworski, J.M. 69401
Morawski, R.Z. *see* Miekina, A. 75882
Morawski, R.Z. *see* Miekina, A. 86964
Morawski, R.Z. *see* Milewski, M.S. 75883
Morazzani, V., Grosman, A., Ortega, C., Rigo, S., Siejka, J. Contribution of IBA techniques to the study of porous silicon films 49767
Morbitzer, H. Guide to a longer life: power management in mobile communications 75236
Morcombe, P. *see* Sachtschale, R.J. 67187
Morcos, M.M., Mowry, J.A., Heber, A.J. A solid-state speed controller for capacitor motors driving ventilation fans 69289
Morcos, M.M. *see* Chan, T.K. 68740
Morcos, N.W. *see* Safwat, H.H. 68388
Morcos, V.H. Aerodynamic performance analysis of horizontal axis wind turbines 100043
Mordkovich, V.N. *see* Kuznetsov, A.Yu. 49862
Mordkovich, V.N. *see* Kuznetsov, A.Yu. 79824
More, B.M. *see* Deshmukh, L.P. 78779
More, M.A. *see* Joag, D.S. 62204
More, S.R. *see* Thattey, S.S. 87573
More, T. *see* Porter, F.S. 54048
Moreau, C. Accelerated ageing test application to distribution surge arresters 53771
Moreau, C. *see* Rieffel, O. 99726
Moreau, C. *see* Soler, R. 53820
Moreau, F. *see* Barrelet, E. 67352
Moreau, J.-M., Idrissi, A.E., Tibaudo, C. Permittivity measurements of materials during heating by microwaves 76154
Moreau, J.-P., Bincteux, N. Railway signalling in the Channel Tunnel 60551
Moreau, O. *see* Touchard, G. 90078
Moreau, W. *see* Fahey, J. 81648
Moreau, W. *see* Lynch, T. 81632
Moreau, W.M. *see* Linehan, L.L. 81639
Moreau, Y. *see* Bruguier, G. 71571
Morega, A.M., Bejan, A. Optimal spacing of parallel boards with discrete heat sources cooled by laminar forced convection 48701
Morehead, H.T. *see* Holley, E.P. 78427
Morehead, L. *see* Salinsky, M.C. 53444
Moreira, A. Real-time SAR processing at DLR 86583
Moreira, A., Blaser, F. Fusion of block adaptive and vector quantizer for efficient SAR data compression 67795
Moreira, A., Yonghong Huang Airborne SAR processing of highly squinted data using a chirp scaling approach with integrated motion compensation 88863
Moreira, A. *see* Seifert, F.M. 75618
Moreira, A. *see* Yonghong Huang 77623
Moreira, A.F. *see* Castanheira, R.C. 100304
Moreira, A.F. *see* Castanheira, R.C. 100306
Moreira, C.G., Medina, F.A., Gomez, H.G., Licona, A.N., Ruiz, J.G., Arias, A.G., Espinoza, M.R. Improved automatized recording of masticatory reflexes through analysis of effort trajectory during biofeedback 77027
Moreira, F.J.S., Prata, A., Jr. A general quadrature formula for efficient evaluation of radiation integrals 83819
Moreira, J., Alpers, W. Real time evaluation of the phase velocity of the ocean dominant wave using a coherent radar system 99245
Moreira, J. *see* Profumo, F. 60521
Moreira, J.C. *see* Kreindler, L. 60226
Moreira, J.R. Real time motion compensation for synthetic aperture radar 86584
Moreira, J.R. *see* Seifert, F.M. 75618
Moreira de Souza, J. *see* Lavelha, A.C. 74680
Moreira-Tamayo, O., de Gyvez, J.P., Sanchez-Sinencio, E. Filter tuning system using fuzzy logic 55326
Morel, D. *see* Michel, J. 52523
Morel, D.L. *see* Attar, G. 90432
Morel, D.L. *see* Zafar, A. 92949
Morel, H., Gamal, S.H., Chante, J.P. State variable modeling of the power pin diode using an explicit approximation of semiconductor device equations: a novel approach 55129
Morel, H. *see* Allard, B. 93347
Morel, J. *see* Ghisler, Ch. 63736
Morel, J.M. *see* Lopez, C. 96053
Morel, O.E. *see* Singh, N. 89274
Morel, P., Giraudon, J.C. Microwave power hybrid amplifier on aluminium nitride substrate. Applications to pulsed L and S band active modules for phased array antennas 70927
Moreland, J. *see* Rice, P. 76163
Morelle, J.-M. *see* Blanchard, J.-L. 90965
Morelli, M. *see* Michelotti, F. 56390
Morelli, M.L. Disturbance simulation test equipment for elevator drives 60584
Morelli, M.V., Krile, T.F., Walkup, J.F. Temporal intensity noise characteristics and discrete numeric accuracy of analog liquid-crystal-based spatial light modulators 56448
Morello, A. FLASH-TV: a flexible bit-rate transmission system for digital HDTV outside broadcasting by satellite 86723
Morello, A., Pham, N. FLASH-TV. The flexible bit-rate solution for satellite outside broadcasts of digital HDTV 58554
Morello, A. *see* Cominetti, M. 97538
Morelos-Zaragoza, R. On trellis structure of LUEP block codes and a class of UEP QPSK block modulation codes 95133
Morency, J. *see* Hindin, E.M. 65175
Moreno, C.W., Yunker, S.B. Reducing NO_x emissions and improving boiler efficiency using synthetic intelligence 68454
Moreno, F., Meneses, J. A new knowledge-based design manager assistant for CAD frameworks 91739
Moreno, F.J.B., Yuste, A.P. An automatic short-wave receiver for the reception of weather charts 65748
Moreno, G. *see* Christian, D.C. 59094
Moreno, J.C. *see* Carracedo, J. 96781
Moreno, J.C. *see* Nilsen, J. 72690
Moreno, J.C. *see* Nilsen, J. 82919
Moreno, J.C. *see* Wan, A.S. 50741
Moreno, J.C. *see* Wan, A.S. 72666
Moreno, J.F., Melia, J. An optimum interpolation method applied to the resampling of NOAA AVHRR data 59598
Moreno, J.M., Castillo, F., Cabestany, J., Madrenas, J., Napieralski, A. An analog systolic neural processing architecture 61740
Moreno, O., Zinoviev, V.A. Some sufficient conditions for 4-regular graphs to have 3-regular subgraphs 69718
Morente, J.A., Gimenez, G., Porti, J.A., Khalladi, M. Group and phase velocities in the TLM-symmetrical-condensed node mesh 51109
Morente, J.A. *see* Khalladi, M. 75590
Morenzoni, E. *see* Meyberg, M. 76396
Morera, J.L. *see* Jodar, L. 48870
Morera, J.L. *see* Jodar, L. 79720
Mores, R., Morse, M.J. Fibre-based local area network with priority access 65406
Moreschi, E. *see* Fabbricatore, P. 82476
Moresmau, N. *see* Bertrand, F. 82630
Moret, J.-M. *see* Jaecklin, V.P. 56404
Moret, J.-M. *see* Jaecklin, V.P. 56433
Moret, J.-M. *see* Jaecklin, V.P. 63532
Moret-Bailly, J., Monnot, J.-L. A semi-classical theory for matter-ray interaction 94714
Moretti, A. *see* Carelli, G. 56604
Moretti, A. *see* Carelli, G. 82933
Moretti, A. *see* Carelli, G. 83235
Moretti, A. *see* Kerns, Q. 67169
Moretti, A. *see* Sun, D. 67161
Moretto, L. *see* Bahr, C.C. 81519
Morew, W., Nikolaew, N., Moroz, A., Winogradow, A. Telephone access to special services in Russia 85577
Morey, W.W., Meltz, G., Love, J.D., Hewlett, S.J. Mode-coupling characteristics of UV-written Bragg gratings in depressed-cladding fibre 56330
Morey, W.W. *see* Ball, G.A. 66377
Morey, W.W. *see* Ball, G.A. 72311
Morey, W.W. *see* Meltz, G. 63397
Morgado, C.J.S., Cassidy, A., Cussans, D., Foster, B., Gilmore, R., Heath, H.F., Malos, J., Tapper, R.J., Baird, S.A., Galagadera, S.B., Hardy, P., Jaroslawski, S., Matson, R., Quinton, S.P.H. The performance of the FADC system for the ZEUS Central Tracking Detector 88239
Morgado, C.J.S., Cassidy, A., Cussans, D., Foster, B., Gilmore, R., Heath, H.F., Malos, J., Tapper, R.J., Baird, S.A., Galagadera, S.B., Hardy, P., Jaroslawski, S., Matson, R., Quinton, S.P.H. The performance of the FADC system for the ZEUS Central Tracking Detector 98581
Morgado, C.J.S. *see* Galagedera, S.B. 88240
Morgado, C.J.S. *see* Galagedera, S.B. 98670
Morgado, R.E. *see* dos Santos, J.M.F. 98543
Morgan, A. *see* Lock, J.S. 67366
Morgan, A.M. Ultra-wideband impulse scattering measurements 75641
Morgan, B.A. *see* Talin, A.A. 71576
Morgan, B.J.T. *see* Brooks, S.P. 79640
Morgan, C.J., Kirkland, A.I., Humphreys, C.J. An HREM investigation of the diamond hexagonal phase in a silicon cone from a vacuum microelectronic device 81136
Morgan, D.J., Payseur, J.Y., Sanakkayala, B.N. Opening up speech processing 64360
Morgan, D.P. Simplifications for analysis of SAW multipole resonators 93830
Morgan, D.R., Aridgides, A. Comments on "cancellation of specular and diffuse jammer multipath using a hybrid adaptive array" 73382
Morgan, D.R. *see* Thi, J. 77762
Morgan, D.V. *see* Camacho, A. 93192
Morgan, D.V. *see* Kiely, J.H. 90464
Morgan, E.C. *see* Argade, P.V. 70586
Morgan, G. *see* Gupta, R. 76648
Morgan, G. *see* Lindner, M. 82420
Morgan, G. *see* Muratore, J. 82419
Morgan, G. *see* Thompson, P. 76655
Morgan, G. *see* Wanderer, P. 82421
Morgan, G. *see* Wanderer, P. 82422
Morgan, G.H., Morgillo, A., Power, K., Thompson, P. New coil end design for the RHIC arc dipole 87674
Morgan, G.H. *see* Kahn, S.A. 76651
Morgan, G.J. Dallas Area Rapid Transit light rail vehicle— modern equipment with a modern appearance 54217
Morgan, H.M. *see* Preece, A.W. 53426
Morgan, H.T. *see* King, M.A. 59328
Morgan, J.C. Recent advances in focused ion beam repair of phase shifting masks 62576
Morgan, J.C. *see* Ferranti, D.C. 81723
Morgan, K. *see* Cooke, P. 69467
Morgan, K. *see* Fenker, H. 67313
Morgan, K.A. Economic and statistical information on the Internet 75021
Morgan, L. *see* Johns, M. 77879
Morgan, L.N.C. *see* Cochran, A. 82385
Morgan, M. *see* Demortier, L. 59090
Morgan, M. *see* Grant, J.A. 88374
Morgan, M.A. Target I.D. using natural resonances 52638
Morgan, N. *see* Franco, H. 73782
Morgan, N. *see* Hermansky, H. 73851
Morgan, N. *see* Hermansky, H. 95246
Morgan, N. *see* Konig, Y. 73819
Morgan, R. Microlithographic wet chemical processing in a capillary space 81677
Morgan, R. *see* Slater, J.D. 53432
Morgan, R. *see* Xuan, Q.Y. 59982
Morgan, R.A. Vertical cavity surface emitting lasers: the next generation 50818
Morgan, R.A., Guth, G.D., Zimmer, C., Leibenguth, R.E., Focht, M.W., Freund, J.M., Glogovky, K.G., Mullally, T., Judd, F.F., Asom, M.T. Two-dimensional matrix addressed vertical cavity top-surface emitting laser array display 87390
Morgan, R.A. *see* Shijun Jiang 83104
Morgan, R.D., Jones, J.D.C., Barton, J.S., Harper, P.G. Determination of monomode fiber buffer properties 82593
Morgan, R.E. *see* Mudawar, I. 77127

Morgan, S. "Project Lindbergh": Gateway to public information networking 85897
Morgan, V.T. Effect of surface-temperature rise on external thermal resistance of single-core and multi-core bundled cables in still air 53760
Morgan, V.T., Slaninka, P. The external thermal resistance of power cables in a group buried in nonuniform soil 53763
Morgan, W. Measuring cable distortion: How to comply with FCC regulations 97676
Morgand, A. *see* Cressan, E. 52520
Morganstern, B.F. *see* Radford, G.P. 85911
Morgen, M.J. *see* Grosso, P.V. 94246
Morgenstern, G. *see* Kissinger, G. 81845
Morgenstern, M. Existence and explicit constructions of $q+1$ regular Ramanujan graphs for every prime power q 79597
Morgenstern, M. *see* Scholz, S.M. 79798
Morgenstern, T. *see* Kruger, D. 69973
Morgenthaler, J.D. *see* Hu, T.C. 48817
Morgera, S.D. *see* Gao, N. 97054
Morgera, S.D. *see* Ning Guo 96971
Morgillo, A. *see* Garber, M. 82418
Morgillo, A. *see* Gupta, R. 76648
Morgillo, A. *see* Morgan, G.H. 87674
Morgillo, A. *see* Thompson, P. 76655
Morgunov, O.V. *see* Aver'yanov, S.G. 83342
Morhac, M. An error-free Levison algorithm to solve integer Toeplitz system 54761
Mori, A. *see* Ohishi, Y. 72729
Mori, C. *see* Miyahara, H. 87960
Mori, C. *see* Uritani, A. 98547
Mori, E. *see* Matsuzawa, H. 63330
Mori, H. Monitoring and control of power system voltage stability using an artificial neural network 53706
Mori, H. InP heteroepitaxy on Si substrates in In-PH_3-HCl-H_2 systems 61303
Mori, H. A GA-based method for optimizing topological observability index in electric power networks 99560
Mori, H., Takeda, K. Parallel simulated annealing for power system decomposition 53645
Mori, H., Takeda, K. Parallel simulated annealing for power system decomposition 77950
Mori, H., Yasutomi, S., Charkari, N.M., Nishikawa, K., Yamaguchi, K., Kotani, S. Guide-dog robot Harunobu-5—a locomotion strategy sign pattern based stereotyped motion 67631
Mori, H. *see* Hara, A. 91409
Mori, H. *see* Hirose, F. 61412
Mori, H. *see* Ishida, H. 96890
Mori, H. *see* Kondo, Y. 92452
Mori, H. *see* Maruyama, Y. 78155
Mori, H. *see* Nakagawa, S. 55812
Mori, H. *see* Saeki, T. 49438
Mori, H. *see* Sasaki, T. 56554
Mori, H. *see* Takahashi, Y. 94534
Mori, H. *see* Tamaru, Y. 53604
Mori, H. *see* Tsuji, H. 67592
Mori, H. *see* Tsuji, H. 77032
Mori, I. *see* Ito, S. 71463
Mori, I. *see* Masuda, S. 48789
Mori, J.M. *see* Cronin, M.F. 81631
Mori, K., Miyamoto, T., Yokouchi, N., Inaba, Y., Koyama, F., Iga, K. Band discontinuity reduction of i-GaInAsP/p-InP for improving 1.55 μm GaInAsP/InP surface emitting laser performances 56806
Mori, K., Morioka, T., Jacob, J.M., Saruwatari, M. 1.4-1.7 μm, <2 ps white pulse generation for multiwavelength pulse source using supercontinuum in a single-mode optical fiber 82586
Mori, K., Morioka, T., Saruwatari, M. Ultra-wide spectral range group velocity dispersion measurement of single-mode fibers using LD-pumped supercontinuum in an optical fiber 94089
Mori, K., Ohba, R. Optical Hough-transform processor with a two-dimensional array of computer-generated holograms 56949
Mori, K., Shimizu, J., Masukawa, T., Takahashi, T., Takeuchi, Y., Imai, S. Experimental evaluation of a head assembly by using a piezoelectric tripod shaker 50273
Mori, K., Suzuki, Y., Hara, N., Kitamura, M., Tominaka, T. Current distribution characteristics of superconducting parallel circuits 82314
Mori, K., Tokutome, K., Nishi, K., Sugou, S. High-quality InGaAs/InP multiquantum-well structures on Si fabricated by direct bonding 62247
Mori, K. *see* Kitamura, M. 83562
Mori, K. *see* McKay, J. 88468
Mori, K. *see* Masai, J. 63244
Mori, K. *see* Miyamoto, T. 83049
Mori, K. *see* Morioka, T. 50490
Mori, K. *see* Morioka, T. 56696
Mori, K. *see* Morioka, T. 75399
Mori, K. *see* Nakamura, H. 98229
Mori, K. *see* Takara, H. 76222
Mori, K. *see* Tanaka, S. 70666
Mori, K. *see* Watanabe, T. 100460
Mori, K. *see* Yamamoto, N. 72468
Mori, M. Measurements of refractive index change and gain of semiconductor lasers with a wavelength tunable laser 94492
Mori, M., Ishihara, S. Three-layer structure optoelectronic neural network 94223
Mori, M., Kemmochi, Y., Yamaguchi, S., Sekine, K. Applications of excimer lasers for machining of fiber reinforced plastics 90695
Mori, M., Kizaki, Y., Saito, M., Hongu, A. A fine pitch COG technique for a TFT-LCD panel using an indium alloy 98241
Mori, M., Kuriyama, Y., Shiono, N. A flexible test structure evaluation system for reliability data analysis 56055
Mori, M., Saitou, R., Yatsuo, T. A high power IGBT module for traction motor drive 60362
Mori, M., Shiono, N. LSI reliability evaluation system 93546
Mori, M. *see* Chiang, J.H. 99903
Mori, M. *see* Itoh, H. 60439
Mori, M. *see* Maki, A. 70547
Mori, M. *see* Nishizawa, N. 94058
Mori, M. *see* Tanimoto, T. 50043
Mori, M. *see* Yamada, T. 78557
Mori, N., Hamaguchi, C. Hot-electron transport in quantum structures 62291
Mori, N. *see* Geim, A.K. 93518
Mori, N. *see* Itoh, H. 60439
Mori, N. *see* Momose, H. 62295
Mori, N. *see* Wang, J. 71590
Mori, N. *see* Wang, J. 81782
Mori, O. *see* Nakamura, S. 69536
Mori, R. *see* Asamaki, T. 62503
Mori, R. *see* Asamaki, T. 79900
Mori, R. *see* Kumagai, Y. 69957
Mori, R.De *see* De Mori, R.
Mori, S., Sakagami, E., Yamaguchi, Y., Kamiya, E., Tanimoto, M., Tsunoda, H., Hisatomi, K., Egawa, H., Arai, N., Hiura, Y., Yoshikawa, K., Hashimoto, K. High speed sub-halfmicron flash memory technology with simple stacked gate structure cell 70518
Mori, S. *see* Ehara, N. 65875
Mori, S. *see* Hirano, T. 48684
Mori, S. *see* Iwata, H. 78368
Mori, S. *see* Kawauchi, Y. 98942
Mori, S. *see* Koizumi, H. 61542
Mori, S. *see* Matsuki, M. 49204
Mori, S. *see* Ohtsuki, T. 95071
Mori, S. *see* Ohtsuki, T. 95153
Mori, S. *see* Okuno, S. 98559
Mori, S. *see* Saitoh, Y. 59075
Mori, S. *see* Saitoh, Y. 88124
Mori, S. *see* Saitoh, Y. 98580
Mori, S. *see* Sakagami, E. 61697
Mori, S. *see* Sato, K. 97324
Mori, S. *see* Shimotori, T. 88534
Mori, S. *see* Sugihara, T. 71452
Mori, S. *see* Takahashi, K. 64563
Mori, S. *see* Yamaguchi, Y. 70498
Mori, T. Recovered bounds for the solution to the discrete Lyapunov matrix equation 48736
Mori, T., Fukushima, T., Kawahara, A., Wada, K., Matsumoto, A. PATDRAM: pixel-aligned triple-port DRAM 92207
Mori, T., Suzuki, S., Horikoshi, T., Yasuno, T. Multi-scale structure from multi-views by Δ^2G filtered 3D voting 96059
Mori, T. *see* Fukuma, N. 48733
Mori, T. *see* Murasugi, K. 58083
Mori, T. *see* Nakagaki, N. 86730
Mori, T. *see* Nishimura, K. 66028
Mori, T. *see* Notsu, Y. 63167
Mori, T. *see* Ohuchi, M. 61758
Mori, T. *see* Shibusawa, K. 55262
Mori, T. *see* Takatsu, M. 92124
Mori, T. *see* Tsujino, J. 77752
Mori, T. *see* Tsujino, J. 99373
Mori, T. *see* Wada, Y. 89227
Mori, T. *see* Yokoyama, N. 70457
Mori, W.B. *see* Katsouleas, T. 76372
Mori, Y. A compact and intense negative heavy ion source 53178
Mori, Y. Acceleration of deuteron beam in the KEK Proton Synchrotron 87834
Mori, Y., Kinsho, M. A dual-optically-pumped polarized negative deuterium ion source 76731
Mori, Y. *see* Fujihara, K. 94488
Mori, Y. *see* Ishibashi, A. 72866
Mori, Y. *see* Itoh, S. 56759
Mori, Y. *see* Itoh, S. 72879
Mori, Y. *see* Kinsho, M. 53262
Mori, Y. *see* Kotaki, H. 91447
Mori, Y. *see* Kurosawa, S. 66509
Mori, Y. *see* Mikami, Y. 53000
Mori, Y. *see* Miyamoto, Y. 60089
Mori, Y. *see* Nakashima, Y. 61356
Mori, Y. *see* Nakayama, N. 50851
Mori, Y. *see* Ozawa, M. 72841
Mori, Y. *see* Takagi, A. 53201
Mori, Y. *see* Zelenski, A.N. 76746
Moriarty, D.T. *see* Lee, M.C. 83677
Morice, A.H. *see* Campbell, J.H. 67585
Morice, A.H. *see* Leathard, A.D. 67576
Moriceau, H. *see* Chicault, R. 63324
Moriceau, H. *see* Villegier, J.C. 63318
Morici, R., Rossi, C., Tonielli, A. Discrete-time nonlinear controller for induction motor 100143
Moricz, F. *see* Lubinsky, D.S. 54743
Moridera, D. *see* Kobayashi, T. 53633
Moridera, D. *see* Kobayashi, T. 77943
Moridera, D. *see* Komai, K. 99582
Morie, T., Amemiya, Y. An all-analog expandable neural network LSI with on-chip backpropagation learning 80531
Morier, S. *see* Beraud, R. 67398
Morier-Genoud, F. *see* Pfister, M. 71313
Moriga, N. *see* Sasaki, I. 54502
Moriga, N. *see* Sasaki, I. 90995
Moriggio, C. *see* Quadrini, E.M. 76829
Moriggio, C. *see* Quadrini, E.M. 85621
Moriguchi, Y. *see* Nishihara, S. 53102
Moriguchi, Y. *see* Shimizu, H. 54229
Moribara, T., Ohno, Y., Eimori, T., Katayama, T., Satoh, S., Nishimura, T., Miyoshi, H. Disk-shaped stacked capacitor cell for 256 Mb dynamic random-access memory 82009
Morii, K., Kishino, F., Tetsutani, N. Evaluation of a gaze using real-time CG eye-animation combined with eye movement detector 65462
Morii, M., Iwasaki, K. Application of coding theory to computer systems, control theory and digital signal processing algorithms 95169
Moriiwa, T. *see* Sakiyama, S. 70706
Moriizumi, K. *see* Eimori, T. 92192
Moriizumi, K. *see* Kanno, M. 55835
Moriizumi, K. *see* Kikuchi, S. 48673
Moriizumi, T. *see* Nakamoto, T. 58868
Moriizumi, T. *see* Nakamoto, T. 98148
Morikado, M. *see* Nesbit, L. 92191
Morikami, M. *see* Kachi, S. 96645
Morikawa, E., Kimura, S., Tanaka, M. Simulated satellite station for the S-band intersatellite communication 86267
Morikawa, E. *see* Haass, M. 88287
Morikawa, E. *see* Tanaka, K. 86264
Morikawa, H., Arimoto, S., Ishihara, T., Kumabe, H., Murotani, T. Zone-melting recrystallization technique developed for production of a new highly efficient thin-film polycrystalline silicon solar battery 60468
Morikawa, H. *see* Arimoto, S. 100576
Morikawa, H. *see* Sasaki, H. 78825
Morikawa, N. *see* Shibata, S. 98487
Morikawa, S. *see* Sheldon, I. 97696
Morikawa, T. *see* Iwamoto, M. 49753
Morikawa, T. *see* Nonomura, Y. 69174
Morikawa, T. *see* Sugiura, A. 94989
Morikawa, T. *see* Takemura, H. 50076
Morikuni, J.J., Dharchoudhury, A., Leblebici, Y., Kang, S.M. Improvements to the standard theory for photoreceiver noise 75469
Morikuni, J.J. *see* Kang, S.-M. 82859
Morikura, M. *see* Kazama, H. 75291
Morikura, M. *see* Kazama, H. 86152
Morikura, M. *see* Sugiyama, T. 86276
Morilla, F. *see* de Prada, C. 53897
Morillo, J. *see* Specka, A. 76597
Morillo, P. *see* Marco, Ch. 83981
Morillon, F. *see* Nekhoul, B. 89188
Morillon, P. *see* Floch, J.M. 75632
Morimatsu, E. *see* Chowdhury, M.F. 74487
Morimitsu, M. *see* Matsunaga, M. 90370
Morimiya, O. *see* Ogawa, T. 82902
Morimoto, A. *see* Yonezawa, Y. 79921
Morimoto, A.K., Dickey, F.M., Walsh, N.E. Ultrasonic scanning system for prosthetic applications in rehabilitation medicine 59379
Morimoto, E., Takahashi, S.-I., Takeuchi, H. Construction of arbitrary transfer functions with complex coefficients using wave digital filters 84196
Morimoto, F. *see* Mine, K. 75961
Morimoto, F. *see* Mine, K. 97859
Morimoto, H. Zero-sum Markovian stopping games with average payoff 69690
Morimoto, H. *see* Kataoka, T. 60276
Morimoto, H. *see* Nagata, H. 71447
Morimoto, H. *see* Nakajima, M. 71464
Morimoto, H. *see* Tsukamoto, K. 92218
Morimoto, H. *see* Yoshioka, N. 93547
Morimoto, K. *see* Hirai, Y. 93251
Morimoto, M., Orihara, K., Mutoh, N., Minami, K., Hatano, K., Furumiya, M., Arai, K., Nakano, T., Kawakami, Y., Kawai, S., Murakami, I., Suwazono, S., Tanabe, A., Tanaka, T., Katoh, S., Urayama, Y., Kohno, A., Takeuchi, E., Teranishi, N., Hokari, Y. A 2/3-inch 2 M-pixel IT-CCD image sensor with individual p-wells for separate V-CCD and H-CCD formation 97662
Morimoto, M., Shakunaga, T., Suenaga, Y., Akamatsu, S. Variable Hough transform for high-resolution line detection 64711
Morimoto, M. *see* Mutoh, N. 98090
Morimoto, S., Sanada, M., Takeda, Y. Wide-speed operation of interior permanent magnet synchronous motors with high-performance current regulator 78608
Morimoto, S., Tong, Y., Takeda, Y., Hirasa, T. Loss minimization control of permanent magnet synchronous motor drives 90526
Morimoto, S., Ueno, T., Sanada, M., Yamagiwa, A., Takeda, Y., Hirasa, T. Effects and compensation of magnetic saturation in permanent magnet synchronous motor drives 69046
Morimoto, S., Ueno, T., Takeda, Y. Wide speed control of interior permanent magnet synchronous motor 68584
Morimoto, S. *see* Era, M. 72617
Morimoto, S. *see* Sanada, M. 60526
Morimoto, S. *see* Sato, K. 99119
Morimoto, S. *see* Takeda, Y. 68583

Morimoto, T., Kumagai, H., Yashiro, T., Ohtsu, K. Initial rapid alignment/calibration of a marine inertial navigation system 65862
Morimoto, T. *see* Kita, K. 51387
Morimoto, T. *see* Kume, H. 61738
Morimoto, T. *see* Momose, H.S. 49980
Morimoto, T. *see* Okazaki, Y. 71791
Morimoto, T. *see* Tomita, N. 82402
Morimoto, T. *see* Yato, F. 95270
Morimura, Y., Aoki, S., Menjo, A. Basic AGV 78865
Morimura, Y. *see* Egawa, K. 78174
Morin, B.G., Hahm, C., Miller, J.S., Epstein, A.J. Molecular magnets V(tetracyanoethylene)$_x$·y(solvent): applications to magnetic shielding 64163
Morin, D. *see* Dong-Chen He 67774
Morin, E.L. *see* Dupont, A.-C. 88555
Morin, G. *see* Brochu, J. 68060
Morin, G. *see* Carbonero, J.L. 66666
Morin, G. *see* Habashi, K. 68066
Morin, J., Arnoud, J.C., David, J., Zyromski, P. Measuring 1 MeV (Si) equivalent neutron fluences with PIN silicon diodes 71577
Morin, J., Misukanis, G. Changing channels for corporate connectivity 65271
Morin, M. Misalignment sensitivity of unstable resonators with an internal lens 56826
Morin, M., Bernard, P., Galarneau, P. Moment definition of the pointing stability of a laser beam 94566
Morin, M. *see* Pretty, R. 85253
Morin, M. *see* Taillon, Y. 56683
Morin, M.-F. *see* Grimaud, P.-O. 58961
Morin, P. *see* Takeuchi, T. 87447
Morin, R. *see* Letellier, V. 52609
Morin, S., Vinci, V. Prefabricated distribution transformer substations 68915
Morinaga, A. *see* Ishikawa, J. 56641
Morinaga, A. *see* Ito, N. 75827
Morinaga, K., Sato, O., Hirose, K., Sato, T., Murase, F., Kitano, K. A ranging instrument for precise radar tracking at NASDA's Ogasawara down-range station 97430
Morinaga, M., Funemizu, M., Takakuwa, C., Tohyama, M., Baba, S., Suzuki, N. Thermal frequency drift suppression in tunable DFB lasers by plasma induced frequency shift enhancement 50862
Morinaga, N. *see* Hara, S. 75290
Morinaga, N. *see* Kinugawa, Y. 52390
Morinaga, N. *see* Okada, M. 94823
Morinaga, N. *see* Takeda, S. 52603
Morinaga, N. *see* Tsukamoto, K. 65848
Morinaga, S. *see* Shibayama, M. 77581
Morine, L. *see* Seung-Jin Choi 64660
Morini, A., Rozzi, T. Design of 'optimum' three port symmetrical junctions for diplexer application 92481
Morini, A. *see* Delfino, B. 68158
Morino, H., Ishihara, Y., Todaka, T. Measurements of the magnetic characteristics of oriented silicon steel in an arbitrary direction 53037
Morino, K. OSI protocols 96219
Morino, N. *see* Sakaki, M. 90216
Morino, N. *see* Sakaki, M. 90217
Morino, Y. Extendibility of passive star optical LAN system network 97235
Morioka, C. *see* Guerrero, T.M. 98826
Morioka, M., Kurosawa, K., Miura, S., Nakamikawa, T., Ishikawa, S. Design and evaluation of the high performance multi-processor server 96612
Morioka, T., Kawanishi, S., Mori, K., Saruwatari, M. Nearly penalty-free, <4 ps supercontinuum Gbit/s pulse generation over 1535-1560 nm 56696
Morioka, T., Kawanishi, S., Mori, K., Saruwatari, M. Transform-limited, femtosecond WDM pulse generation by spectral filtering of gigahertz supercontinuum 75399
Morioka, T., Kawanishi, S., Saruwatari, M. Tunable error-free optical frequency conversion of a 4 ps optical short pulse over 25 nm by four-wave mixing in a polarisation-maintaining optical fibre 56920
Morioka, T., Kawanishi, S., Uchiyama, K., Takara, H., Saruwatari, M. Polarisation-independent 100 Gbit/s all-optical demultiplexer using four-wave mixing in a polarisation-maintaining fibre loop 52610
Morioka, T., Mori, K., Kawanishi, S., Saruwatari, M. Multi-WDM-channel, Gbit/s pulse generation from a single laser source utilizing LD-pumped supercontinuum in optical fibers 50490
Morioka, T. *see* Kawanishi, S. 58399
Morioka, T. *see* Kawanishi, S. 65782
Morioka, T. *see* Mori, K. 82586
Morioka, T. *see* Mori, K. 94089
Morioka, T. *see* Takara, H. 76222
Morioka, T. *see* Utchiyama, K. 58254
Morisaki, S. *see* Ohara, M. 58660
Morisaki, S. *see* Oshima, Y. 96931
Morisaki, S. *see* Oshima, Y. 97328
Morishige, H. *see* Takahashi, N. 60154
Morishige, H. *see* Takahashi, N. 83438
Morishige, T. *see* Akiyama, T. 97609
Morishige, T. *see* Toyokura, M. 92281
Morishige, Y., Kishida, S. Thick gold-film deposition by high-repetition visible pulsed-laser chemical vapor deposition 91606
Morishige, Y. *see* Haba, B. 70134
Morishige, Y. *see* Haba, B. 90956
Morishima, C., Yoshida, M., Fujii, A., Ohmori, Y., Yoshino, K. Novel optical and electroluminescent characteristics in organic superlattice structure utilizing cyclopentadiene derivative and aromatic diamine 94278
Morishima, C. *see* Fujii, A. 94280
Morishima, C. *see* Ohmori, Y. 56015
Morishima, C. *see* Ohmori, Y. 72575
Morishima, C. *see* Ohmori, Y. 94279
Morishima, K. *see* Kiyono, S. 52803
Morishima, S. *see* Fujita, S. 77528
Morishima, S. *see* Ueki, N. 51613
Morishita, F. *see* Suma, K. 92238
Morishita, I., Deguchi, K., Nagamatsu, L., Sasano, T. Camera parameter determination using calibration points on two parallel planes 76068
Morishita, K., Aso, K. Fiber loop polarizers using a fused taper coupler 63371
Morishita, K. *see* Yamanouchi, K. 93841
Morishita, O. *see* Kitagawa, A. 53159
Morishita, O. *see* Murakami, T. 76296
Morishita, T. *see* Maruyama, T. 91599
Morishita, Y. *see* Goto, S. 79782
Morishita, Y. *see* Kiyotake, K. 65815
Morishita, Y. *see* Tamura, M. 48928
Morisue, T., Yajima, T. A method of increasing magnetic energy of superconducting magnetic energy storage 72254
Morisue, T., Yajima, T. The Lorentz gauge vector potential formulation for the boundary integral equation method 83502
Morita, E. Practical approach to 0.35 μm i-line lithography 62586
Morita, E. *see* Haga, Y. 69956
Morita, G. *see* Langenbeck, B. 76856
Morita, H. *see* Miyaguchi, S. 51318
Morita, H. *see* Shimazu, N. 81737
Morita, J.-I. *see* Yano, K. 81791
Morita, K. Reversibility in computation—reversible Turing machines and reversible logic circuits 61677
Morita, K. *see* Kawata, M. 78640
Morita, K. *see* Matsukuma, K. 100568
Morita, K. *see* Shirakata, S. 54916
Morita, M., Ohmi, T. Dopant-free channel transistor with punchthrough control region under source and drain 71707
Morita, M. *see* Hayashi, S. 60017
Morita, M. *see* Iida, Y. 72806
Morita, M. *see* Iida, Y. 94946
Morita, M. *see* Ishikawa, M. 70946
Morita, M. *see* Lee, D.J. 70524
Morita, N., Imai, Y., Yasuhara, T., Kaieda, T., Ueda, Y. Automatic ultrasonic inspection system for rolling-stock axles 53568
Morita, N. *see* Imai, K. 51851
Morita, N. *see* Kono, K. 87555
Morita, O., Sano, T., Imai, Y., Hisayama, N., Takino, H. The durability of new rigid disks by molded plastic substrates 63238
Morita, R., Yamashita, M. Effect of delayed nonlinear response on femtosecond optical pulse compression by use of an organic crystal-cored fiber in the normal dispersion region 94596
Morita, R. *see* Yamashita, M. 50961
Morita, S. *see* Gorwadkar, S. 79992
Morita, S. *see* Inanami, R. 81551
Morita, S. *see* Ishibashi, K. 49420
Morita, S. *see* Ishibashi, K. 70564
Morita, S. *see* Shakuda, S. 90348
Morita, S. *see* Sugawara, Y. 71235
Morita, S. *see* Uchihashi, T. 71387
Morita, S. *see* Uchihashi, T. 93728
Morita, S. *see* Yabe, T. 70566
Morita, T. *see* Eguchi, N. 77966
Morita, T. *see* Genji, T. 78746
Morita, T. *see* Miyano, T. 79767
Morita, T. *see* Oshima, Y. 96931
Morita, T. *see* Oshima, Y. 97328
Morita, T. *see* Suyama, M. 82818
Morita, T. *see* Suyama, M. 94271
Morita, T. *see* Yoshinouchi, A. 71631
Morita, T. *see* Yoshinouchi, A. 93511
Morita, Y., Watanabe, H., Yamada, M., Asano, K., Hioki, T. High density video disc for HDTV baseband signal 86785
Moritani, A. *see* Aigo, T. 62869
Morito, K. *see* Sahara, R. 56416
Morito, S. *see* Fujisawa, K. 69738
Moritz, A. *see* Harle, V. 55624
Moritz, G., Gaiser, H., Klos, F., Langenbeck, B., Steiner, R., Zweig, K. Design, performance and applications of the GSI three-dimensional magnet measuring device 72271
Moritz, G. *see* Blasche, K. 87828
Moritz, H. *see* Boettiger, U. 71489
Moritz, H. *see* Gerthsen, D. 81354
Moritz, H. *see* Schwalm, R. 81613
Moritz, W. *see* Krause, S. 58876
Moritz, W. *see* Lisdat, F. 75957
Moriuchi, N. *see* Ueno, T. 81627
Moriuchi, S. *see* Nakaya, H. 100573
Moriuma, J. *see* Maeda, K. 77572
Moriwake, T. *see* Kawahara, K. 59885
Moriwaki, K. *see* Mino, S. 94306
Moriwaki, K. *see* Takiguchi, K. 50502
Moriwaki, K. *see* Yamada, Y. 82673
Moriwaki, N. *see* Kagenishi, Y. 80323
Moriwaki, N. *see* Sumi, T. 93798
Moriwaki, T. *see* Kishimoto, T. 50981
Moriwaki, Y. *see* Shimizu, T. 86905
Moriya, H. *see* Nishihara, T. 70513
Moriya, K. Measurement of diffusion length of minority carrier in Si crystal by photoluminescence tomography 81212
Moriya, M. *see* Okabe, H. 82367
Moriya, M. *see* Usami, K. 93962
Moriya, N. *see* Manchanda, L. 93617
Moriya, T., Miki, S., Mano, K., Ikedo, J. Training algorithm of the codebooks 57420
Moriya, T., Miki, S., Ohmuro, H., Mano, K. Training method of the excitation codebooks for CELP 51420
Moriya, T. *see* Kataoka, A. 84099
Moriya, T. *see* Miki, S. 51425
Moriya, T. *see* Miki, S. 57417
Moriya, T. *see* Murakami, T. 74942
Moriya, T. *see* Ohmuro, H. 51369
Moriyama, A. *see* Imanishi, M. 98363
Moriyama, E. Number of effective diversity branches for path-diversity combining on land mobile radio 52383
Moriyama, E. Multipath characteristics measured in a residential area for micro-cellular systems 65698
Moriyama, E. *see* Kinoshita, N. 86155
Moriyama, H. *see* Kitamura, K. 82432
Moriyama, H. *see* Matsumoto, H. 89783
Moriyama, J. *see* Fujita, K. 86094
Moriyama, J. *see* Otsuka, K. 65663
Moriyama, S. *see* Kawakita, H. 49110
Moriyama, T. *see* Kajita, J. 72467
Moriyama, Y. *see* Ushigome, M. 62029
Moriyasu, M. *see* Ito, K. 90885
Moriyasu, S., Inoue, T. Equivalent unbalanced current of synchronous machines 89891
Moriyoshi, A. *see* Ho, S. 49757
Moriyoshi, A. *see* Ho, S. 50037
Morizane, T., Koseki, T., Masada, E. A study on technical feasibility of applying tubular linear induction motor to vertical movement 90028
Morizane, T. *see* Koseki, T. 78655
Morjan, I. *see* Alexandrescu, R. 83411
Morjaria, M., Rink, F.J., Smith, W.D., Klempner, G., Burns, C., Stein, J. Commercialization of EPRI's Generator Expert Monitoring System (GEMS) 68356
Morjaria, M. *see* Longtin, K. 89788
Mork, B.A., Stuehm, D.L. Application of nonlinear dynamics and chaos to ferroresonance in distribution systems 68208
Mork, J., Mark, J., Seltzer, C.P. Carrier heating in InGaAsP laser amplifiers due to two-photon absorption 50811
Mork, J., Mecozzi, A. Response function for gain and refractive index dynamics in active semiconductor waveguides 82663
Mork, J. *see* Preisel, M. 83069
Mork, J. *see* Tessler, N. 50805
Mork, J. *see* Uskov, A. 73100
Mork, J. *see* Uskov, A. 83067
Morkel, P.R., Syngal, V., Butler, D.J., Newman, R. PMD-induced BER penalties in optically-amplified IM/DD lightwave systems 58403
Morkoc, H., Strite, S., Gao, G.B., Lin, M.E., Sverdlov, B., Burns, M. Large-band-gap SiC, III-V nitride, and II-VI ZnSe-based semiconductor device technologies 81752
Morkoc, H. *see* Guang-Bo Gao 71601
Morkoc, H. *see* Lin, M.E. 55646
Morkoc, H. *see* Reed, J. 55952
Morkoc, H. *see* Salvador, A. 82817
Morkoc, H. *see* Zhou, G.L. 71714
Morl, K. *see* Vobian, J. 82617
Morlan, B.W. *see* Garrambone, M.W. 88930
Morland, L. *see* Helvik, B.E. 52230
Morley, J.G. *see* Scott, R.F. 88739
Morley, N.J., El-Genk, M.S. Thermal-hydraulic analysis of the pellet bed reactor for nuclear thermal propulsion 89520
Morley, R. *see* Haskell, P. 85775
Morley, R.J., Baker, H.J., Hall, D.R., Harris, M., Vaughan, J.M. Enhancement of coherent laser radar performance by predetection amplification 65931
Morley, S.M. *see* Jenkins, A.P. 52454
Morling, R.C.S. *see* Cain, G.D. 69409
Morling, R.C.S. *see* Kale, I. 92393
Mormile, P. *see* Abbate, G. 63497
Mornington-West, A.R. EMC and the professional audio, video and lighting industries 94873
Morocha, A.K. On the possibility of using a new type of acoustoelectric wave in acoustoelectronic integrated circuits 71914
Morocha, A.K. On the use of Stoneley waves in acoustoelectronics 82228
Morohashi, M., Ando, Y., Tsuboi, N., Terasako, T., Iida, S., Okamoto, S. Optical and electrical characterization of $CuGaS_2$ grown by vapor phase epitaxy 61270
Morohashi, S. Interfacial study of Nb Josephson junctions with overlayer structure 93955
Morokoff, S. *see* Kersch, A. 93110
Morokoff, W. *see* Kersch, A. 61394
Morokoff, W. *see* Kersch, A. 91575

Morokuma, T. *see* Shiota, F. 86985
Moromisato, J.H. The PC strip detector: towards a large scale gas microstrip counter 59142
Moron, C., Suarez, E. Non-contact digital speed sensor 66173
Moron, Z. *see* Rucki, Z. 76271
Morones, P. *see* Gaffney, K.S. 59436
Morooka, H. *see* Yano, Y. 49682
Morooka, H. *see* Yano, Y. 80896
Morooka, S. *see* Maeda, H. 69930
Morooka, S. *see* Maeda, H. 79929
Morooka, T., Kawabata, K., Ueno, M., Suzuki, Y., Chiba, T. A design method of a reconfigurable direct radiating array antenna 64217
Morooka, T., Tsukada, K., Adachi, A., Harada, N., Uehara, G., Kado, H. Development of DC-SQUID gradiometer for multichannel system 58663
Morooka, T. *see* Shimizu, N. 93925
Morooka, T. *see* Shoki, H. 83815
Moro'oka, Y., Sugawara, K. A 64Mb DRAM 92212
Morooka, Y., Yokoyama, S., Asakawa, A. Suppressing the effect of lightning-induced overvoltages by the combined use of surge arresters and overhead ground wires 53839
Morooka, Y. *see* Furutani, K. 49417
Morooka, Y. *see* Tsukikawa, Y. 49428
Morookian, J.-M. *see* Mendez, A.J. 86481
Morooko, Y., Miyamoto, H., Furutani, K., Okamoto, T., Sugawara, K. A 64 Mbit DRAM 55256
Moros, E.G., Straube, W.L., Myerson, R.J. Devices and techniques for the clinical application of concomitant heat and ionizing radiation by external means 98946
Moroses, M.R. Innovations in TMN object modeling 58064
Moroshima, H. *see* Yano, K. 81791
Morosini, M.B.Z., Loural, M.S.S., Herrera-Perez, J.L., Von Zuben, A.A.G., da Silveira, A.C.F., Patel, N.B. Fabrication of GaInAsSb/GaAlAsSb double heterostructure lasers emitting at 2.2 μm 50800
Moroz, A. *see* Morew, W. 85577
Moroz, G.K., Zherzdev, A.V. Mechanism for the formation of porous silicon 81508
Moroz, V.I., Khrutchinsky, A.A., Kuten, S.A., Bogatko, A.A. Portable gamma-ray differential radiometer for measurement of the radioactive contamination of the environmental objects 98575
Moroz, V.I. *see* Baryshevsky, V.G. 88313
Moroz, V.I. *see* Baryshevsky, V.G. 98730
Morozkin, V.P., Klimova, T.G. Identification of synchronous-generator parameters 78578 .
Morozoff, P.E., Evans, R.W., Smyth, J.A. Automatic control of blood oxygen saturation in premature infants 98756
Morozov, A.I. *see* Kornilov, G.V. 99371
Morozov, B. *see* Tesarek, R.J. 98504
Morozov, B.N. Contactless transmission method for determining the energy characteristics of laser radiation 63921
Morozov, I.A., Snytkin, Yu.V. Control of radar observations on the basis of an information criterion 65868
Morozov, K.V. *see* Belov, R.K. 82515
Morozov, K.V. *see* Igoshin, V.I. 63653
Morozov, K.V. *see* Kazakevich, V.S. 63655
Morozov, L.N. *see* Kolmakov, A.A. 87940
Morozov, L.V., Belokonov, V.M. Algorithm for nonautonomous terminal control of a gliding space vehicle targeted to a radio-beacon 67746
Morozov, N.A. *see* Alenitckiy, Yu.G. 94015
Morozov, S.V. *see* Dubrovskii, Yu.V. 81292
Morozov, V.A., Elbakidze, A.V., Remizov, L.T., Kharchenko, S.P. Spatial selection of the transient signals in active electromagnetic Earth sensing 88743
Morozov, V.F. *see* Baublis, V.V. 59244
Morozov, Yu.A., Krasovskii, A.V. Influence of spontaneous fluctuations of the carrier and photon densities on the dynamics of an injection laser generating picosecond pulses 94498
Morozova, L.E. *see* Feoktistov, N.A. 56512
Morozova, V.A. *see* Koshelev, O.G. 69002
Morozumi, S. History and trend of giant microelectronics 81894
Morpurgo, A. *see* Basso, M. 63268
Morpurgo, G. *see* Castro, P. 76559
Morris, A.J. *see* Zhang, J. 61007
Morris, A.S., Trew, R.J., Kelley, C.T., Hayes, G.J. A non-quasi-static modular model for HBTs 62719
Morris, A.S. *see* Enquist, P.M. 62705
Morris, A.S. *see* Slater, D.B., Jr. 62684
Morris, A.S. *see* Winslow, T.A. 62894
Morris, A.S.G. Basic principles of current rating calculations [of MV power cables] 59962
Morris, D., Douglas, R.J., Boulanger, J.-S. The role of the hydrogen maser for frequency transfer from cesium fountains 58617
Morris, D. *see* Baars, J.W.M. 58526
Morris, D. *see* Greve, A. 97504
Morris, D.G. *see* Heiberger, M. 72267
Morris, E.L. *see* Belmont, M.R. 99293
Morris, G.C., Das, S.K. Influence of $CdCl_2$ treatment of CdS on the properties of electrodeposited CdS/CdTe thin film solar cells 100504
Morris, G.C. *see* Boenig, H.J. 83537
Morris, G.E. The open systems Renaissance: value through information 74908
Morris, G.M. *see* Wernick, M.N. 87291
Morris, H.M. Signal conditioning is becoming I/O processing 87053
Morris, H.M. Loop controllers get enhanced human-machine interfaces 98190
Morris, J. *see* Feldman, M.R. 82850
Morris, J. *see* Oswald, R. 90428
Morris, J. *see* Stretton, M. 99409
Morris, J.D. *see* Goodenough, J. 61750
Morris, J.E., Feldman, M.R. Reconfigurable optical interconnects by a combined computer-generated hologram and spatial light modulator method 64034
Morris, J.E. *see* Feldman, M.R. 79321
Morris, J.E. *see* Huang, C.Y. 62658
Morris, J.M. *see* Xie, H. 57605
Morris, J.W., Jr. *see* Bartels, F. 81569
Morris, J.W., Jr. *see* Cinque, R.B. 71418
Morris, M.D. *see* Chidley, C.K. 89694
Morris, M.D. *see* Lee, K.F. 62856
Morris, M.D. *see* Lee, K.F. 93613
Morris, M.D. *see* Liu, T.M. 61659
Morris, M.D. *see* Liu, T.M. 82092
Morris, M.E., Fisher, R.J., Schnetzer, G.H., Merewether, K.O., Jorgenson, R.E. Rocket-triggered lightning studies for the protection of critical assets 53812
Morris, M.E., Fisher, R.J., Schnetzer, G.H., Merewether, K.O., Jorgenson, R.E. Rocket-triggered lightning studies for the protection of critical assets 67947
Morris, P.B., Casswell, R.M. Evaluation of the 1993 Omega propagation correction model 65729
Morris, P.B., Hansen, A.J., Warren, R.S. Radionavigation system power level optimization for reduced operating cost 65728
Morris, P.J., Luthy, W., Weber, H.P., Zavartsev, Yu.D., Studenikin, P.A., Shcherbakov, I., Zagumenyi, A.I. Laser operation and spectroscopy of Tm:Ho:$GdVO_4$ 94431
Morris, R.B., Whitmore, M., Adam, S.C. How well does voice interaction work in space? 59450
Morris, R.D., Fitzgerald, W.J. Stochastic and deterministic methods in motion picture restoration 74280
Morris, R.J., Wakeman, F.J. The practical application of GTO's and associated components 90168
Morris, R.J.T., Samadi, B. Neural network control of communications systems 74630
Morris, S.F., Reilly, J.F. MIL-HDBK-217—A favorite target 59654
Morris, S.J. *see* Lim, D.H. 93119
Morris, S.J. *see* Shyh-Horng Yang 81440
Morris, T. Very low resistance thick film chip resistors 80931
Morris, T.A. *see* Rodgers, L.W. 89619
Morris, T.D., Perros, H.G. Performance modelling of a multi-buffered banyan switch under bursty traffic 51757
Morris, T.G., DeWeerth, S.P. Analog VLSI arrays for morphological image processing 85078
Morris, W.L., III *see* Fullner, C. 52061
Morrison, A.T., Williams, A.J., III, Martini, M. Calibration of the BASS acoustic current meter with carrageenan agar 88833
Morrison, D.P., Eckert, A.C., Shields, F.J. Studies of advanced detection technology sensor (ADTS) data 75573
Morrison, E., Meers, B.J., Robertson, D.I., Ward, H. Automatic alignment of optical interferometers 83400
Morrison, G. *see* Dumont, L. 86189
Morrison, G.R. The media effects question: "unresolvable" or asking the right question 69428
Morrison, J.M., Tessier, T.G., Gu, B. A large format modified TEA CO_2 laser based process for cost-effective small via generation 92769
Morrison, J.O., Grady, W.M. Acquisition, analysis, and identification of power waveform anomalies 68340
Morrison, M., Attikiouzel, Y. An introduction to the segmentation of magnetic resonance medical images 88394
Morrison, M.E., Behrsing, G.U., Fulton, R.L. Production techniques for the Superconducting Super Collider Low Energy Booster quadrupole magnet 87775
Morrison, R. *see* Boudreau, R. 94542
Morrison, R.E. *see* Hu, L. 60574
Morrison, R.E. *see* Lihua Hu 100912
Morrison, R.J. *see* Alexander, J.P. 59072
Morrison, R.J. *see* Alexander, J.P. 70305
Morrison, S.A. *see* Macqueen, C.N. 53741
Morrison, S.R. *see* Miremadi, B.K. 98142
Morrison, T. *see* Economikos, L. 54484
Morrissett, J.G. *see* Lohrmann, D.R. 65887
Morrissey, D.J. *see* Swan, D. 88006
Morrissey, P.F., McCandliss, S.R., Feldman, P.D., Friedman, S.D. Vacuum-ultraviolet quantum efficiency of a phosphor-coated charge-coupled device 58834
Morrobel-Sosa, A. *see* Paciotti, M.A. 76401
Morros, J. *see* Verdier, M. 71949
Morrow, D.J., Tindall, C.E., Calvert, P.A.J. Computer-aided design optimisation and analysis of salient pole alternators 60192
Morrow, D.J., Tindall, C.E., Gibson, S.R., Carolan, F.G., Calvert, P.A.J. Computer-based automated testing of salient pole alternators 60181
Morrow, D.R. *see* Perkins, G.W. 86688
Morrow, G. *see* Lincoln, D. 66111
Morrow, I.L. *see* Hall, P.S. 94970
Morrow, I.L. *see* Hall, P.S. 95016
Morrow, L.D. *see* Chou, Q.B. 53912
Morrow, T.M., Mumford, A.M. Publishing on the network 96616
Morsani, F. *see* Galeotti, S. 70665
Morsch, G. *see* Kamp, M. 81428
Morse, B.S., Pizer, S.M., Liu, A. Multiscale medial analysis of medical images 64820
Morse, B.S. *see* Fritsch, D.S. 57678
Morse, B.S. *see* Pizer, S.M. 74258
Morse, G. *see* Bunz, L.A. 93950
Morse, K. *see* Rodriguez, A.A. 84903
Morse, M.J. *see* Jordan, T.P. 65083
Morse, M.J. *see* Mores, R. 65406
Morse, N. *see* Bennett, G. 76550
Morse, S.E. *see* Kotulak, J.C. 66633
Morse, S.E. *see* Kotulak, J.C. 98091
Morse, T. *see* Rand, S.C. 56652
Morse, T.F. *see* Kyunghwan Oh 72741
Morse, T.F. *see* Mendez, A. 49040
Morse, T.F. *see* Qin Zhang 82544
Morse, W. *see* LaCava, W. 77058
Morshed, A.Hisham *see* Hisham Morshed, A.
Morshuis, P.H.F., Frenken, R.M.L. Townsend's secondary ionization coefficient in dielectric bounded voids 93697
Morsky, J. *see* Toivonen, L. 89402
Morsy, G.A., Kinawy, A., Osheba, S.M. Frequency domain analysis of a superconducting generator 100081
Morsy, H. *see* Conrad, A. 54660
Mort, R. Broadband network interconnection by satellite 65388
Mortara, A., Vittoz, E.A. A communication architecture tailored for analog VLSI artificial neural networks: intrinsic performance and limitations 61847
Mortari, G.Piano *see* Piano Mortari, G.
Mortarulo, M. *see* Aggarwal, G.M. 89430
Mortazavi, M.A., Khanarian, G. Quasi-phase-matched frequency doubling in bulk periodic polymeric structures 83314
Mortazavi, M.A. *see* Hill, R.A. 82729
Mortazavi, M.A. *see* Yankelevich, D.R. 50581
Mortazavi, P. *see* Thomas, M.G. 67234
Mortazawi, A. *see* Sheth, N. 92531
Morten, B., De Cicco, G., Prudenziati, M. A novel torque sensor based on elastic waves generated and detected by piezoelectric thick films 58686
Morten, B., Masoero, A., Prudenziati, M., Manfredini, T. Evolution of ruthenate-based thick film cermet resistors 92636
Morten, B. *see* De Cicco, G. 93847
Morthier, G. Design and optimization of strained-layer-multiquantum-well lasers for high-speed analog communications 72861
Morthier, G., Baets, R. Comparison of different DFB laser models within the European COST 240 collaboration 50840
Morthier, G. *see* Dobbelaere, G. 94639
Morthorst, J. *see* Evans, H.L. 62991
Morthorst, T.J. *see* Conley, J.F., Jr. 81377
Mortia, J. *see* Kuwahara, K. 58119
Mortier, M.F.R. *see* Muys, W. 75417
Mortimer, J.T. *see* Grill, W.M. 98952
Mortin, D.E., McCarthy, M.J., Querido, D.M., Ellner, P.M. Developing a subsystem reliability growth program 54622
Mortin, G. *see* Singh, R. 49656
Mortini, P. *see* Giroux, F. 62509
Mortini, P. *see* Papadas, C. 55264
Morton, A. *see* Mukherjee, S. 49171
Morton, A. *see* Natarajan, S. 50097
Morton, C.G., Wood, J. MODFET versus MESFET: the capacitance argument 81947
Morton, C.H., Lewis, J.F., Reustle, S.M. The intelligent bandwidth manager and its role in enterprise networks 52025
Morton, D. *see* Vecht, A. 63562
Morton, D.C. *see* Aguilera, A. 87386
Morton, E.J., Antonuk, L.E., Berry, J.E., Huang, W., Mody, P., Yorkston, J. A data acquisition system for flat-panel imaging arrays 88066
Morton, E.J., Antonuk, L.E., Berry, J.E., Huang, W., Mody, P., Yorkston, J. A data acquisition system for flat-panel imaging arrays 98676
Morton, E.J. *see* Antonuk, L.E. 59363
Morton, E.J. *see* Antonuk, L.E. 88367
Morton, P. *see* Winick, H. 63870
Morton, P. *see* Winick, H. 83178
Morton, P.A., Mizrahi, V., Tanbun-Ek, T., Logan, R.A., Lemaire, P., Erdogan, T., Sciortino, P.F., Jr., Sergent, A.M., Wecht, K.W. High-power mode-locked hybrid pulse source using two-section laser diodes 56761
Morton, P.A., Mizrahi, V., Tanbun-Ek, T., Logan, R.A., Lemaire, P., Erdogan, T., Sciortino, P.F., Jr., Sergent, A.M., Wecht, K.W. High power hybrid pulse source 56788

Morton, P.A., Mizrahi, V., Tanbun-Ek, T., Logan, R.A., Lemaire, P.J., Presby, H.M., Erdogan, T., Woodward, S.L., Sipe, J.E., Phillips, M.R., Sergent, A.M., Wecht, K.W. Stable single mode hybrid laser with high power and narrow linewidth 56750
Morton, P.A. *see* Ackerman, D.A. 56810
Morton, R.W.R. ASIC design for the N91 neutron monitor 67299
Morton, W.C. *see* Lee, B.J. 89705
Morucci, J.-P., Marsili, P.M., Granie, M., Shi, Y., Lei, M., Dai, W.W. A direct sensitivity matrix approach for fast reconstruction in electrical impedance tomography 67560
Morucci, J.-P. *see* Dai, W.W. 67579
Morucci, J.-P. *see* Rigaud, B. 67552
Morucci, J.P. *see* Chaveau, N. 98891
Moruzzi, G. *see* Carelli, G. 56604
Moruzzi, G. *see* Carelli, G. 82933
Moruzzi, G. *see* Li-Hong Xu 83236
Moruzzi, J.L. *see* Jamieson, G. 66121
Moruzzis, M. *see* Henry, J.P. 52629
Morvan, M., Hui Bon Hoa, D., Legros, E., Correc, P. Coherent 2 channel 622 Mbps narrow deviation CPFSK transmission system using polarisation diversity detection 52496
Morweiser, W., Meunier, G. The characterisation of passive multilayer components by electromagnetic field computation 80907
Morweiser, W., Meunier, G., Salze, H. Computer-aided design of passive multilayer components using electromagnetic field computation 80903
Morwka, S. *see* Donnelly, T.D. 72705
Morzhin, Yu.I. *see* Dyakov, A.F. 99564
Mosalov, V.N. *see* Balagurovskiy, V.A. 83804
Mosbarger, R.D., Hickey, D.J. The effects of materials and post-mold profiles an plastic encapsulated integrated circuits 60961
Mosberger, D., Peterson, L.L. Careful protocols or how to use highly reliable networks 96247
Mosca, E. *see* Chisci, L. 73993
Mosca, L. *see* Bacci, C. 67317
Mosca, M. *see* Basile, G. 86982
Mosca, M. *see* De Bievre, P. 86970
Mosca, M. *see* Sacconi, A. 86981
Mosca, P. SDH European transmission network: METRAN 85506
Mosca, R. *see* Bosacchi, A. 55885
Moscatelli, S. *see* Kodratoff, Y. 64864
Moscatello, M.H. *see* Auger, G. 98385
Mosch, T. *see* Leong, J.S. 52534
Moschenko, S.P. *see* Bykov, A.A. 81326
Moschenko, S.P. *see* Bykov, A.A. 82002
Moschin, E. *see* de Barros, L.E.M., Jr. 86430
Moschkau, D. Electrification of Halle on Saale-Nordhausen-Eichenberg line 69135
Moschopoulos, G., Joos, G., Ziogas, P.D. Input characteristics of variable modulation index controlled current source inverters 68849
Moschytz, G.S. *see* Etter, W. 64420
Moscovitch, A. *see* Kruh, D. 58622
Mosdorf, S. Opportunities and risks of a new technological infrastructure for the 21st century in a borderless world economy 85653
Moseler, M. *see* Haberland, H. 91636
Moseley, A. *see* Da Via, C. 53348
Moseley, A.J. *see* Goodwin, M.J. 94227
Moseley, P.T. *see* McGeehin, P. 58892
Moseley, S.H. *see* Stahle, C.K. 53334
Moseley, S.H. *see* Stahle, C.K. 53363
Mosely, J. Silicon-germanium: The integrated future? 82016
Mosenkova, M.N. *see* Mostinskii, I.L. 99922
Moser, H.-J. *see* Roth-Seefrid, H. 78320
Moser, L.E., Amir, Y., Melliar-Smith, P.M., Agarwal, D.A. Extended virtual synchrony 65397
Moser, L.E. *see* Agarwal, D.A. 51861
Moser, L.E. *see* Valerio, M. 96392
Moser, M. Higher productivity through modern production control technology 90942
Moser, M. *see* Dickmann, J. 61936
Moser, M. *see* Forstmann, G.G. 63821
Moser, M. *see* Schneider, J. 56405
Moser, M.A. *see* Fan, L.-S. 60270
Moser, O., Ohnheiser, R. Shape measurement on coordinate measuring units? New technologies expand field of application 76190
Moser, T. *see* Eschelbeck, G. 86112
Moser, U. *see* Abplanalp, M. 53309
Moser, V., Nussbaum, P., Amann, H.P., Astier, L., Pellandini, F. A graphical approach to analogue behavioural modelling 49090
Moser, W. *see* Aguet, M. 99956
Moser, W. *see* Arrington, K. 98634
Moser, W. *see* Kefford, D. 59092
Moses, A.J., Yasin, M., Soinski, M. Evaluation of novel transformer cores 63251
Moses, A.J. *see* Bellah Fard, S.M. 63157
Moses, A.J. *see* Liu, J. 82243
Moses, A.J. *see* McQuade, F. 56228
Moses, A.J. *see* Moghaddam, A.J. 53014
Moses, A.J. *see* Shahvarooghi, A. 63151
Moses, A.J. *see* Shirkoohi, G.H. 63154
Moses, D. *see* Lee, C.H. 72596
Moses, D. *see* Marchywka, M. 75987
Moses, D. *see* Wei, X. 72632
Moses, P. *see* Tani, T. 63046
Moses, R.L. *see* Jouny, I.I. 83893
Moses, R.L. *see* Slyh, R.E. 84045
Moses, R.L. *see* Steedly, W.M. 84352
Moses, R.L. *see* Steedly, W.M. 84468
Moses, W.W., Derenzo, S.E. Performance of a PET detector module utilizing an array of silicon photodiodes to identify the crystal of interaction 53414
Moses, W.W., Derenzo, S.E. Design studies for a PET detector module using a PIN photodiode to measure depth of interaction 88127
Moses, W.W., Kipnis, I., Ho, M.H. A 16-channel charge sensitive amplifier IC for a PIN photodiode array based PET detector module 88415
Moses, W.W. *see* Blankespoor, S.C. 88335
Moses, W.W. *see* Blankespoor, S.C. 98723
Moses, W.W. *see* Derenzo, S.E. 59224
Moses, W.W. *see* Derenzo, S.E. 67404
Moses, W.W. *see* Zhang, J.G. 88407
Moses, W.W. *see* Zhang, J.G. 98561
Moses, Y., Waarts, O. Coordinated traversal: $(t+1)$-round Byzantine agreement in polynomial time 65058
Mosevitskii, I.S. *see* Bogoyavlenskii, R.G. 89541
Moshammer, H. *see* Donald, M. 66879
Moshammer, H. *see* Raubenheimer, T.O. 76339
Moshchalkov, V.V. *see* Gilabert, A. 56271
Moshegov, N.T. *see* Ovsyuk, V.N. 66331
Mosher, J.C., Leahy, R.M., Lewis, P.S. Biomagnetic localization from transient quasi-static events 77010
Mosher, J.C., Rynne, T.M., Lewis, P.S. MUSIC for localization of thunderstorm cells 99190
Mosher, T.A. *see* Mains, R.E. 92262
Moshfeghi, M., Ranganath, S., Nawyn, K. Three-dimensional elastic matching of volumes 51616
Moshkarin, A.V., Shchepetil'nikov, M.I. Analysis of cycle arrangements for cogeneration power stations 89667
Mosbrefzadeh, R.S. *see* Hahn, K.H. 72454
Mosini, F., Tabiryan, N.V. Cholesteric liquid crystal resonators and systems with addressable colors 50589
Mosinski, F., Sikorski, L., Wodzinski, J., Ziecikiewicz, J. Electric strength of point-to-plane spacing in air under combined (lightning and alternating) voltages 98244
Mosinski, F., Wodzinski, J., Sikorski, L. Electrical strength of paper-oil insulation under composite voltages 61970
Mosinski, F., Wodzinski, J., Sikorski, L., Ziencikiewicz, J. Electrical strength of paper-oil insulation subjected to composite voltages 82167
Moskal, P. *see* Dahmen, M. 87984
Moskal, P., Jr. Selkirk Phase II Cogeneration Project automated transmission line design 89314
Moskalenko, V. *see* Androsov, V. 76390
Moskalenko, V. *see* Bar'yakhtar, V. 67407
Moskalenko, V. *see* Efimov, S. 76546
Moskalenko, V.E. *see* Bugai, V.S. 55011
Moskalenko, V.V. Curriculum for a bachelors degree in electrical engineering 60803
Moskalev, V.A., Sergeev, G.I., Shestakov, V.G. Compensation of the loss of energy through synchrotron radiation in an induction cyclic accelerator 53095
Moskalev, V.A. *see* Akimochkin, Yu.V. 53093
Mosko, M., Moskova, A. Exchange carrier-carrier scattering of spin-polarized two-dimensional electron-hole plasma: Monte Carlo study 62262
Mosko, M., Pelouard, J.-L., Pardo, F. Transmitted acoustic phonon drag between parallel two-dimensional electron gases: Monte Carlo simulation 62284
Mosko, M. *see* Cambel, V. 62261
Moskova, A. *see* Mosko, M. 62262
Moskovits, M. *see* Al-Mawlawi, D. 93156
Moskowitz, C. *see* Bandler, J.W. 80638
Moskowitz, H. *see* Jen Tang 61023
Moskowitz, I.S., Miller, A.R. Simple timing channels 57317
Moskowitz, M.J., Paulsen, K.D., Ryan, T.P., Pang, D. Temperature field estimation using electrical impedance profiling methods. II. Experimental system description and phantom results 53427
Moskowitz, M.J. *see* Paulsen, K.D. 53422
Moskowitz, P.D., Fthenakis, V.M., Crandall, R.S., Nelson, B.P. Analyzing risks associated with hazardous production materials 69502
Moskowitz, P.D. *see* Fthenakis, V.M. 100760
Moskowitz, Y. *see* Chitre, Y. 59274
Moskven, T. *see* Rawnsley, W.R. 98705
Moskvina, L.D. *see* Levchenko, E.V. 99935
Mosleh, A., Parry, G.W., Zikria, A.F. An approach to the analysis of common cause failure data for plant-specific application 89546
Mosleh, A. *see* Macwan, A. 89448
Mosleh, N., Meyer, F., Schwebel, C., Pellet, C., Eizenberg, M. Growth mode of Ge films on Si(100) substrate deposited by ion beam sputtering 61391
Mosleh-Shirazi, M.A., Swindell, W., Evans, P.M. Monte Carlo simulations of CsI(Tl) scintillation crystals for use in a three-dimensional megavoltage CT scanner 88046
Moslehi, M., Velo, L., Paranjpe, A., Chapman, R., Kuehne, J., Yong Jin Lee, Huang, S., Schaper, C., Breedijk, T., Yin, D., Anderson, D., Davis, C. Microelectronics manufacturing science and technology (MMST): single-wafer RTP-based 0.35 μm CMOS IC fabrication 93626
Moslehi, M. *see* Schaper, C. 62919
Moslehi, M.M., Chapman, R.A., Velo, L., Kuehne, J., Paranjpe, A., Schaper, C., Huang, S., Najm, H., Breedijk, T., Yin, D., Davis, C. Rapid thermal processing for sub-half-micron CMOS IC manufacturing 71800
Moslehi, M.M., Paranjpe, A., Velo, L.A., Kuhne, J. RTP: key to future semiconductor fabrication 62356
Moslehi, M.M., Velo, L., Paranjpe, A., Kuehne, J., Huang, S., Chapman, R., Schaper, C., Breedijk, T., Najm, H., Yin, D., Lee, Y.J., Anderson, D., Davis, C. Fast-cycle-time single-wafer IC manufacturing 90920
Moslehi, M.M. *see* Barna, G.G. 50057
Moslehi, M.M. *see* Saraswat, K.C. 62352
Mosley, A. *see* Yeoh, C.T.H. 58926
Mosley, A. *see* Yeoh, C.T.H. 72469
Mosneron-Dupin, F. *see* Montmayeul, R. 89444
Mosnier, A. Beam instabilities related to different focusing schemes in TESLA 67013
Mosnier, A. *see* Fouaidy, M. 63332
Moss, C.E., Casperson, D.E., Echave, M.A., Edwards, B.C., Miller, J.R., Saylor, W.W., Sweet, M.R., Valencia, J.E. A space fiber-optic X-ray burst detector 88318
Moss, C.E., Casperson, D.E., Echave, M.K., Edwards, B.C., Miller, J.R., Saylor, W.W., Sweet, M.R., Valencia, J.E. A space fiber-optic X-ray burst detector 98615
Moss, D.J., Aoki, M., Sano, H. Comparison of photoconductive response times of InGaAs/InAlAs and InGaAs/InGaAsP multi-quantum well waveguide modulators 50583
Moss, D.J. *see* Ido, T. 94188
Moss, J.C., Hammond, J.K. A comparison between the modified spectrogram and the pseudo-Wigner-Ville distribution with and without modification 64554
Moss, K.E. A comparison of Manchester encoding and a proposed new line encoding 51333
Moss, P. *see* Hogg, R. 75244
Moss, R.H. *see* Ercal, F. 88386
Moss, S.C. *see* Halle, L.F. 100519
Mossakowska, A., Szczepaliski, P., Wolidski, W. Modulation bandwidth of waveguide distributed feedback lasers 63766
Mossang, E. *see* Langlois, P. 52864
Mossang, E. *see* Langlois, P.Y. 56277
Mossavati, R., Gallop, J.C., Wall, C.F. Cryogenic hydrogen maser 82885
Mossbarger, A.M. Small sealed rechargeable batteries and the environment: past, present and future 68964
Mossberg, T.W. *see* Babbitt, W.R. 94050
Mosser, H., Urban, M., Hruby, W. Filmless digital radiology—feasibility and 20 month experience in clinical routine 88472
Mosser, V., Aboulhouda, S., Denis, J., Contreras, S., Lorenzini, P., Kobbi, F., Robert, J.L. High-performance Hall sensors based on III-V heterostructures 66195
Mosser, V., Contreras, S., Aboulhouda, S., Lorenzini, P., Kobbi, F., Robert, J.L., Zekentes, K. High sensitivity Hall sensors with low thermal drift using AlGaAs/InGaAs/GaAs heterostructures 66245
Mossessian, D.A., Heimann, P.A., Gullikson, E., Kaza, R.K., Chin, J., Akre, J. Transmission grating spectrometer for characterization of undulator radiation 88284
Mossi, J.M. *see* Marti, J. 75707
Mossler, S. *see* Aidam, M. 83464
Mosso, M.M. *see* de Macedo Filho, A.D. 83851
Mosso, M.M. *see* Podcameni, A. 80874
Mosso, R. *see* Bennett, J.A. 90300
Mossotto, C. *see* Decina, M. 96127
Mostarshed, S. *see* Bousse, L. 50668
Mostefa, D., Fortin, B., Raoult, F., Sarret, M., Rosse, G., Bonnaud, O. Desorption energy of oxygen adsorbed on un-intentionally doped low pressure chemical vapor deposited silicon films 81181
Mostefaoui, A., Raynal, M. Causal multicasts in overlapping groups: towards a low cost approach 96776
Mostefaoui, A. *see* Helary, J.-M. 96153
Mosterd, H. *see* van Baars, G.E. 89767
Mostert, S. Constructing a heterogeneous real-time system 58361
Mostinskii, I.L., Ibragimov, V.A., Mosenkova, M.N. A waste-free method of removing sulfur dioxide from the flue gases at industrial installations 99922
Mostrel, M.M. Issues on the design of survivable common channel signaling networks 51878
Moszynki, M., Ludziejewski, T., Wolski, D., Klamra, W., Norlin, L.O. Properties of the YAG:Ce scintillator 67304
Moszynski, M., Costa, G.J., Guillaume, G., Heusch, B., Huck, A., Mouatassim, S. Study of n-γ discrimination with NE213 and BC501A liquid scintillators of different size 98544
Mota, T. *see* Keane, D. 96858
Motai, T., Suzuki, K., Suzuki, K. Dynamic characteristics of leakage current in amorphous silicon thin-film transistors 71627
Motakef, S., Boulton, J.M., Uhlmann, D.R. Organic-inorganic optical materials 72284
Motamedi, M. *see* van Leeuwen, T.G. 77047

Motamedi, M.E. Acoustic sensor technology 97900
Motamedi, M.E., Andrews, A.P., Gunning, W.J., Khoshnevisan, M. Microoptic laser beam scanner 50914
Motegi, Y., Takai, A. Optical interconnection modules utilizing fiber-optic parallel transmission to enhance information throughput 72645
Motegi, Y. *see* Takai, A. 52558
Moteki, M. *see* Takemasa, E. 84744
Mothes, W. *see* Daring, H. 75453
Motoc, A.M. *see* Ballay, L. 67647
Motohara, A. *see* Choi, H. 80232
Motohashi, A. Electrical properties change of anodized silicon/crystal silicon sample due to water vapor 71075
Motohashi, K. *see* Ishibashi, K. 49420
Motohashi, K. *see* Ishibashi, K. 70564
Motohiro, T. *see* Kato, N. 94242
Motoi, K. *see* Imai, M. 82558
Motojima, O. *see* Hara, M. 71840
Motojima, O. *see* Imagawa, S. 94022
Motojima, O. *see* Kitamura, K. 82432
Motojima, O. *see* Mito, T. 89302
Motojima, O. *see* Satoh, S. 93984
Motojima, O. *see* Sumiyoshi, F. 82492
Motojima, O. *see* Takahata, K. 82416
Motojima, O. *see* Wachi, Y. 82435
Motojima, O. *see* Yamada, S. 72257
Motojima, S. *see* Suzuki, T. 86009
Motokawa, M. *see* Machel, G. 83572
Motomura, H. *see* Fumoto, T. 64747
Motomura, H. *see* Kanamori, K. 52785
Motomura, M., Inoue, T., Yamada, H., Konagaya, A. Cache-processor coupling: a fast and wide on-chip data cache design 70624
Motomura, M. *see* Nomura, M. 49485
Motomura, N. *see* Ichihara, T. 59299
Motomura, Y., Tagami, K. Critical issues on pass-wear durability for CoCr perpendicular flexible disks 72102
Motomura, Y. *see* Abe, H. 97599
Motomura, Y. *see* Ishi, T. 50233
Motonaga, M. *see* Tsujino, J. 99373
Motooka, S. *see* Kouno, T. 77273
Motornenko, A.P. *see* Makeev, Yu.G. 94933
Motoshima, K. *see* Kiyayama, T. 86356
Mototsuji, H. *see* Badics, Z. 80011
Motowidlo, L.R. *see* Balachandran, U. 63327
Motowidlo, L.R. *see* Hascicek, Y.S. 82448
Motoyama, H. *see* Machida, N. 58559
Motoyama, H. *see* Wakai, T. 68336
Motoyama, K. *see* Kumazawa, N. 70702
Motoyama, Y., Nakaya, K., Kobayashi, M., Hojo, H., Kawai, M. Satellite network control system for SS-TDMA 97188
Motoyama, Y. *see* Hiruta, Y. 93682
Mott, H., Yamaguchi, Y., Boerner, W.-M. Comparison of radar polarimetric and lidar scattering matrix measurements and systems calibration methods 67793
Mottahedeh, R., Parry, G., Whitehead, M., Roberts, J.S., Button, C.C. High power performance of asymmetric Fabry-Perot MQW modulators 72442
Mottershead, C.T. *see* Johnson, K.F. 76427
Mottet, S. *see* Kandouci, M. 81874
Mottier, P., Valette, S. New fields for integrated optics on silicon 50557
Motto, E., Gebbia, M. Snubber capacitor size and characteristics affect high power IGBT module performance 61555
Motto, E.R., Donion, J.F., Majumdar, G., Hatae, S., Ohshima, S., Takanashi, K. A new generation of intelligent power devices for motor drive applications 69065
Motto, J.W., Jr. Thyristor steady state current ratings past, present and future 62732
Mottot, D. *see* Callemyn, J.M. 75153
Mottram, S.D. *see* Dahnoun, N. 76968
Moturi, V. *see* Marpka, D.R. 89159
Motwani, R., Sudan, M. Computing roots of graphs is hard 91243
Motyl, E. *see* Kacprzyk, R. 63081
Mou Hu A four-valued logic and switch-level differences 55253
Mou Hu *see* Hu Mou
Mou Kwok-Leung *see* Kwok-Leung Mou
Mou Shanming *see* Du Quangang 70011
Mou Zhi-Jian *see* Zhi-Jian Mou
Mouanda, B. *see* Paniez, P.J. 81614
Mouatassim, S. *see* Moszynski, M. 98544
Mouche, L., Tardif, F., Derrien, J. Particle deposition on silicon wafers during wet cleaning processes 62481
Mouchtaris, P. *see* Bussey, H. 65439
Mouftah, H.T. *see* Awdeh, R.Y. 85221
Mouftah, H.T. *see* Awdeh, R.Y. 96158
Mouftah, H.T. *see* Badran, H.F. 64936
Mouftah, H.T. *see* Badran, H.F. 96157
Mouftah, H.T. *see* Fai Fan 96786
Mouftah, H.T. *see* Fliesser, R.J. 96918
Mouftah, H.T. *see* Fliesser, R.J. 96926
Mouftah, H.T. *see* Xinyi Liu 96369
Mouftah, H.T. *see* Zarour, R. 96148
Mougenot, P. *see* Hoang Gia Ky 82461
Mougin, E. *see* Calvet, J.-C. 77700
Mougin, E. *see* Karam, M.A. 77585
Mougin, E. *see* Lo Seen, D. 67898
Mould, J., Jr. *see* Wojcik, G. 71494
Mould, J., Jr. *see* Wojcik, G.L. 93765
Moulder, J.C. *see* Rose, J.H. 99064
Moulder, J.C. *see* Uzal, E. 66647
Moulding, K.W. *see* Hughes, J.B. 92367
Moule, D.J. *see* Fells, J.A.J. 75400
Mouli, K.C. *see* Murty, K.V.R. 56140
Moulic, J.R. *see* Schenfeld, E. 50640
Moulin, P. Optimal L^2 approximation of images in nonorthogonal multiresolution bases 84984
Moulin, S., Bonnot, A.M. In situ monochromatic and spectroscopic optical investigations of diamond thin film growth 70116
Moulin, S. *see* Bonnot, A.M. 70085
Moulines, E. *see* Cardoso, J.-F. 84467
Moulines, E. *see* Laroche, J. 84088
Moulines, E. *see* Prado, J. 96536
Moulot, J. *see* Faur, M. 60478
Mouloua, M., Parasuraman, R., Molloy, R. Monitoring automation failures: effects of single and multi-adaptive function allocation 99050
Moulsley, T.J. *see* van Dam, K. 85214
Moulton, J.R., Jr. *see* Moulton, J.R., Sr. 66439
Moulton, J.R., Sr., Moulton, J.R., Jr., Walthall, D.B., Deterline, D.E. EO-VISION for FLIR92 and ACQUIRE modeling 66439
Moulton, P.F. *see* Dinerman, B.J. 72743
Moulton, P.F. *see* Rines, D.M. 56665
Moulton, P.F. *see* Zenzie, H.H. 64004
Moulton, R. *see* Menna, R.J. 69949
Moulton, W.G. *see* Saenz, A. 52811
Moulu, J. *see* Aubin, G. 75397
Mouly, M.C.Chandra *see* Chandra Mouly, M.C.
Moumneh, B. *see* Elsherbeni, A.Z. 94931
Moun Sang Kang *see* Byoung Ju Lee 71683
Mountfield, K. *see* Jaekyong Cho 82748
Mountjoy, D. *see* Somers, M.L. 99287
Mouqallid, M. *see* Lecordier, B. 76268
Moura, A.Machado e *see* Machado e Moura, A.
Moura, J.M.F. *see* Balram, N. 85066
Moura, J.M.F. *see* Barroso, V.A.N. 64482
Moura, J.M.F. *see* Rendas, M.J.D. 88827
Mourad, S. *see* Chen, C.-J. 49405
Mourad, S. *see* Habashi, K. 68066
Mourad, S. *see* Haq, F. 92052
Mourad, S. *see* Small, B. 92141
Mourant, J.-M., Jurgiel, S. A broadband planar image reject mixer 92534
Moure, C. *see* Villegas, M. 92640
Moureaux, J.M. *see* Barlaud, M. 85058
Mourelatou, K.E., Bouloutas, A.T., Anagnostou, M.E. An approach to identifying QoS problems 75075
Mourelatou, K.E. *see* Venieris, I.S. 52533
Mourgue, G. *see* von Apeldoorn, G. 88116
Mourgues, M. *see* Barthe, J. 88610
Mouri, T. *see* Sato, H. 61393
Mourier, G. *see* Aune, P. 62109
Mourier, T. *see* Spiess, W. 81620
Mourjopoulos, J. *see* Paraskevas, M. 75779
Mourjopoulos, J. *see* Tsoukalas, D. 84047
Mourlevat, J.L. *see* Arlabosse, F. 68382
Mourot, C. *see* Wautier, A. 75258
Mourou, G. *see* Perry, M.D. 56737
Mourou, G. *see* Ting, A. 76371
Mourou, G.A. *see* Giakos, G.C. 83777
Mourou, G.A. *see* Joos-Hiuk Son 66167
Mourou, G.A. *see* Whitaker, J.F. 82054
Mouroulis, P. *see* Guoheng Zhao 94682
Mourtzanos, K. *see* Antonopoulos-Domis, M. 89507
Mourtzinou, G.K. *see* Sykas, E.D. 85975
Mousa, A.-R.M. *see* El-Sharabasy, S.A. 78167
Mousa, A.M. The soil ionization gradient associated with discharge of high currents into concentrated electrodes 78223
Mousa, A.M. Reducing the cost of power lines through the use of alternative conductor bundle configurations 99716
Mousa-Bahia, A.A., Coles, G.S.V., Gibson, M.J., Willett, M.J. The characterization of semiconductor gas sensors. II. A critical comparison with respect to products of combustion 66568
Mousavi, M.S., Schalkoff, R.J. ANN implementation of stereo vision using a multi-layer feedback architecture 74481
Moussa, A.M. *see* Zahwi, S.Z. 75851
Moussaoui, M. *see* Alabau, F. 81750
Moussavi, M., Schwan, H.P., Sun, H.H. Harmonic distortion caused by electrode polarisation 53436
Mousse, M.G. *see* Mahmoud, S.A. 98655
Moussi, A. *see* Ray, W.F. 90014
Moussi, A. *see* Ray, W.F. 90015
Moustafa, M.S., Hebenstreit, G., Mandelberg, M.D. SOTS: a Sun-based system for oceanographic analysis 99247
Moustafa, N.A. *see* El-Dessouki, T.A. 57023
Moustafa, Y.M. *see* Doweidar, H. 92967
Moustakas, T.D. *see* Brandt, M.S. 49852
Moustakas, T.D. *see* Jin, S. 81176
Moustakas, T.D. *see* Molnar, R.J. 91456
Moustier, C.de *see* de Moustier, C.
Moutans, N.J. *see* Kalkani, E.C. 78483
Mouthaan, T.J., Krabbenborg, B.H. Thermodynamic analysis of semiconductor structures using a device simulator and lumped circuit modelling 66271
Moutinho, H.R., Dunlavy, D.J., Kazmerski, L.L., Ahrenkiel, R.K., Abou-Elfotouh, F.A. Effects of processing on the electronic defect levels in $CuInSe_2$ 93105
Moutinho, H.R. *see* Abou-Elfotouh, F.A. 90393
Moutinho, H.R. *see* Abou-Elfotouh, F.A. 100508
Moutinho, H.R. *see* Al-Jassim, M.M. 81234
Moutinho, H.R. *see* Al-Jassim, M.M. 100502
Moutinho, H.R. *see* Dhere, R.G. 79881
Mow Wai Ho *see* Wai Ho Mow
Mowbray, D.J., Kowalski, O.P., Hopkinson, M., Skolnick, M.S., David, J.P.R. Electronic band structure of AlGaInP grown by solid-source molecular-beam epitaxy 69981
Mowbray, D.J. *see* David, J.P.R. 93314
Mowbray, D.J. *see* Hopkinson, M. 55642
Mowbray, D.J. *see* Tagg, W.I.E. 81323
Mowery, D.C. The changing structure of US industrial research: implications for R&D organization in the Russian Federation 69482
Mowry, G. *see* Leger, J.R. 56833
Mowry, J.A. *see* Morcos, M.M. 69289
Moy, A.M. *see* Cheng, K.Y. 63862
Moy, A.M. *see* Pearah, P.J. 63788
Moy, D. *see* Ferguson, R. 71450
Moy, D. *see* Shahidi, G.G. 71797
Moy, D. *see* Taur, Y. 93612
Moy, H.C. *see* Farrell, R.J. 68351
Moy, J. Multicast routing extensions for OSPF 85636
Moy, J.P. A 200 mm input field, 5-80 keV detector based on an X-ray image intensifier and CCD camera 88312
Moy, L.P. *see* Squillante, M.R. 59119
Moya, A. *see* Tajahuerce, E. 57668
Moya-Cessa, H., Knight, P.L., Rosenhouse-Dantsker, A. Photon amplification in a two-photon lossless micromaser 82884
Moye, K.J. *see* Shahsavasi, M.M. 80058
Moyer, S.L., Rouse, D.S. A connection manager for flexible specification and transparent location of special resources 74871
Moyer, S.L. *see* Bussey, H. 65439
Moyers, J.C. *see* Binkley, D.M. 98817
Moyes, I. *see* Hasan, K. 89145
Moyes, I. *see* Hasan, K. 89146
Moylan, C.R. *see* Miller, R.D. 56913
Moylan, C.R. *see* Twieg, R.J. 56415
Moylan, J.D. *see* Flaherty, J.P. 65900
Moyne, J., Etemad, H., Elta, M. A run-to-run control framework for VLSI manufacturing 60911
Moyne, J.R. *see* Elta, M. 62443
Moysan, J. *see* Corneloup, G. 70214
Moz, S. *see* Bixio, A. 67142
Moze, O., Paoluzi, A., Pareti, L., Turilli, G., Bouree-Vigneron, F., Cockayne, B., Macewan, W.R., Greaves, C., Smith, N.A., Harris, I.R. Magnetic and crystal structure and magnetocrystalline anisotropy of hexagonal $Fe_{60}Ga_{40-x}As_x$ (x= 6, 23) and $FeGa_{23}Sb_{17}$ compounds 72033
Mozerov, M. *see* Silvennoinen, R. 50975
Mozes, M. *see* Jayaram, S. 64111
Mozgovoy, A.G., Papadichev, V.A. Production and acceleration of pulsed kiloampere currents of H^+subkiloampere currents of C^-, F^-, I^-, and Pb^- ions 53206
Mozgovoy, A.G., Papadichev, V.A. Various ways of cathode plasma formation to produce up to 200 A/cm^2 of H^- and 0.1-1 A/cm^2 of C^-, F^-, I^-, and Pb^- ions 53210
Mozina, J. *see* Suhadolnik, A. 87232
Mozolova, Z. *see* Dubecky, F. 81358
Mozumder, P.K., Barna, G.G. Statistical feedback control of a plasma etch process 55780
Mozumder, P.K., Saxena, S., Collins, D.J. A monitor wafer based controller for semiconductor processes 79926
Mozumder, P.K. *see* Boning, D.S. 62355
Mozumder, P.K. *see* Chatterjee, A. 70486
Mozume, T. *see* Kondow, M. 70057
Mozume, T. *see* Matsuda, H. 55929
Mpanda-Mabwe, B., Beya, K., Crappe, M., Delhaye, M. Estimation of synchronous machine parameters from multisine SSFR test data 89848
Mpanda-Mabwe, B. *see* Beya, K. 78580
Mpanda-Mabwe, I.B., Crappe, M., Delhaye, I.M. Adaptation of synchronous machine parameters for use in power systems 89856
Mrabet, R. *see* Cohen, A. 75004
Mraghni, M.C. *see* Asselin de Beauville, J.P. 85176
M'Raihi, D. *see* Naccache, D. 73640
Mrayati, M. *see* Asi, M.K. 84160
Mrazek, K. Buildings heat and electricity supply in the Czech Republic 60624
Mrig, L., Caiyem, C., Rummel, S., Hansen, R., Kroposki, B., Strand, T. Photovoltaic module and system performance testing at NREL 90419
Mrig, L. *see* Luft, W. 100534
Mrkic, J. *see* Kezunovic, M. 78246
Mrkoci, D. *see* Bencic, Z. 79341
Mroczka, J., Parol, M. Methods of temperature stabilization of light-emitting diode radiation 50690
Mroczkowski, T.T. *see* Karl, F.X. 76705
Mrowka, S. *see* Da Silva, L.B. 94323
Mroz, W., Wolowski, J., Woryna, E., Kralikova, B., Krasa, J., Laska, L., Masek, K., Skala, J., Rohlena, K., Shamaev, O.B., Sharkov, B.Yu.,

Haseroth, H., Langbein, K.L., Sherwood, T.R. Laser plasma as a source of highly ionized ions 53219
Mrozowski, M. Function expansion algorithms for the time-domain analysis of shielded structures supporting electromagnetic waves 57170
Mrozowski, M. Stability condition for the explicit algorithms of the time domain analysis of Maxwell's equations 83635
Mrozowski, M. A hybrid PEE-FDTD algorithm for accelerated time domain analysis of electromagnetic waves in shielded structures 94907
Mrozowski, M. *see* Tzuang, C.-K.C. 83801
Mrsa, Z. Convergence analysis of finite element method for Francis turbine spiral casing flow simulation 78485
Mrstik, B.J. *see* Twigg, M.E. 93144
Mruetusatorn, S., Kinoshita, H., Sakai, Y. Resolution conversion method with high image quality preservation 84852
M'Saad, H., Michel, J., Lappe, J.J., Kimerling, L.C. Electronic passivation of silicon surfaces by halogens 55820
M'saad, H., Norga, G.J., Michel, J., Kimerling, L.C. Defect monitoring and control for crystalline silicon processing 81527
Msaileb, A.T., Maiorskii, E.V., Filippenko, V.A., Troyanovskii, B.M. Experiment studies of turbine cascades with a small flow turn 99936
Msaki, P. *see* Lecomte, R. 59286
Msallem, A. *see* Faidi, S.E. 87592
M'timet, H. *see* Fillard, J.P. 95788
Mu, C. *see* Mazumder, M.K. 57050
Mu, J. *see* Haldoupis, C. 59556
Mu, X., Yue, X., Chen, J., Wang, J., Shao, Z. Planar waveguide refractive index distribution functions determined precisely from mode indices 57180
Mu, Z., Wexler, A. Electrical impedance computed tomography—algorithms and applications 98902
Mu Gang, Cai Guo-Wei, Wei Jia-Ding, Wang Gang, Qu Zu-Yi Some practices of analyzing power system transient stability with the trajectory analysis method 99430
Mu Gang, Wang Zhonghong, Han Yingduo, Huang Mei A proof on property of the stability measurement function $S_i(t)$ and validity of the stability index S_i 53997
Mu Gang, Zhao Can, Wang Weiguo, Wang Zhiming Analysis of bulk transmission system losses by probabilistic distribution 89187
Mu Guoguang *see* Lin Ying 74471
Mu Guoguang *see* Lu Mingzhe 50652
Mu Guoguang *see* Shen Jinyuan 72519
Mu Hong, Chen Yi The energy function method used for power system voltage stability 77833
Mu Hong *see* Xue Yusheng 88972
Mu Kwon Taek *see* Taek Mu Kwon
Mu Niu Xia *see* Niu Xia Mu
Mu Ping-An *see* Chen Chan-Yao 58966
Mu Qi-Shuang, Gao Go, Sheng Jiang-Ni, Jiang Koxun Introducing a general analytical method for solving electromagnetic fields with complicated boundary 83428
Mu Ruomei *see* Ruomei Mu
Mu Shanming *see* Shanming Mu
Mu Shoushan *see* Lai Qingbo 78200
Mu Yi *see* Yi Mu
Mu-King Tsay, Chia-Hsu Kuo, Rong-Huah Ju, Ming-Ko Chiu Data compression on multifont Chinese character patterns 51617
Mu-Shiang Wu *see* Shih-Chieh Chao 50486
Mu-Shiang Wu *see* Shih-Chieh Chao 94133
Mu-Shiang Wu *see* Shih-Chieh Chao 97343
Muanza, G.S. *see* Ariztizabal, F. 98518
Mucciolo, E.R. *see* Tsai, S.P. 67387
Muchayi, E., Ozveren, C.S., Birch, A.P. A study of loss accounting and minimisation in electrical distribution systems 99681
Muchlinski, S.L. *see* Tsai, M.S. 68140
Muciek, A. *see* Hanke, R. 86950
Muck, M. High-T_c RF SQUID magnetometers 97905
Muck, M., Clarke, J., Heiden, C. 1/f noise in radio frequency SQUIDs made of niobium thin films 93947
Muck, M., Heiden, C., Clarke, J. Investigation and reduction of excess low-frequency noise in rf superconducting quantum interference devices 56266
Muck, M. *see* Zhang, Y. 56251
Muckenhoff, K., Schreiber, S., De Santis, A., Okada, Y., Scheid, P. Ion-sensitive microelectrode system with short response time 77031
Muckett, S. *see* Minalgiene, J. 55484
Muda, Z.B., Zin, A.A.M. Power system protection based on personal computer 99755
Mudaliar, S. *see* Jay Kyoon Lee 59535
Mudawar, I., Jimenez, P.E., Morgan, R.E. Immersion-cooled standard electronic clamshell module: a building block for future high-flux avionic systems 77127
Muddu, S. *see* Kahng, A.B. 80067
Muddu, S. *see* Kahng, A.B. 91735
Muders, H. Development of block heat generating stations in the Eastern Germany—status per 1994 78418
Mudgal, V.B. *see* Agnihotri, R.K. 54579
Mudgett, D.R. *see* Helferty, J.P. 95452
Mudhar, P. A service creation environment for a future intelligent network 96860
Mudhar, P.S. *see* Davies, D.A.O. 65540
Mudiugin, B. *see* Perelstein, E. 76542
Mudroncik, D., Gabco, L. Conductivity matrix computation via sparse matrices techniques 68008
Mudroncik, D., Vesely, V. Power system stabilisation using the dominant subsystem principle 53676
Mudry, K. *see* Sastry, K.L.A. 76947
Mudyugin, B.G. *see* Dolinsky, A.V. 87852
Muehllehner, G. *see* Freifelder, R. 88410
Muehllehner, G. *see* Freifelder, R. 98818
Muehllehner, G. *see* Smith, R.J. 88437
Mueller, C. *see* Ferendeci, A.M. 92550
Mueller, D., Hammerstrom, D. A neural network systems component 61854
Mueller, D. *see* Becker, C. 53608
Mueller, D. *see* Becker, C. 68022
Mueller, D. *see* Becker, C. 88965
Mueller, D. *see* Lamoree, J. 53728
Mueller, D. *see* Lamoree, J. 77881
Mueller, D. *see* Tang, L. 69225
Mueller, D.R. *see* Haass, M. 88287
Mueller, E.R. Frequency-shifting submillimeter single-sideband receiver 55388
Mueller, E.R., Waldman, J. Power and spatial mode measurements of sideband generated, spatially filtered, submillimeter radiation 98277
Mueller, E.R., Wilson, T.E., Waldman, J., Kennedy, J.T., Hart, R.A. Generation of high repetition rate far-infrared laser pulses 63675
Mueller, E.R. *see* Porterfield, D.W. 82794
Mueller, G.E. *see* Ferguson, P.D. 53135
Mueller, M. One country, two systems: what will 1997 mean in telecommunications? 58014
Mueller, O.M., Park, J.N. Quasi-linear IGBT inverter topologies 68796
Mueller, O.M., Park, J.N., Roemer, P.B., Souza, S.P. A high-frequency 4-switch GTO speed-up inverter for the generation of fast-changing MRI gradient fields 60353
Mueller, O.M. *see* Black, R.D. 59270
Mueller, P. *see* Yen-Ping Shan 85679
Mueller, R. *see* Boswell, J. 100733
Mueller, R. *see* Wallentowitz, H. 78979
Mueller, R.E. *see* Liebel, S.A. 89335
Mueller, S. Easy function analysis for GSM networks 97830
Mueller, S.P. *see* Moore, S.C. 76919
Mueller, T. Minimum variance network DGPS algorithm 65733
Mueller, U., Boehm, C., Sprengepiel, J., Roths, C., Kubalek, E., Beyer, A. Geometrical and voltage resolution of electrical sampling scanning force microscopy 80847
Mueller, U. *see* Anderson, B.E. 88246
Muendel, M. *see* Hagelstein, P. 50738
Muermann, J. *see* Katz, H. 65130
Muffett, J.E. *see* Starczewski, T. 73049
Muffett, J.E. *see* Tisch, J.W.G. 63942
Mufson, S.L. *see* Bower, C.R. 98499
Mufti, A.H., Arafa, A.A., Malik, N.H. Corona characteristics for free conducting particles in various SF_6-gas mixtures 63067
Muftic, S. Security architecture for ODP systems final results of the CEC COST-11 Ter "Security" project 74950
Muftu, S., Benson, R.C. Numerical simulation of tape dynamics in helical-scan recording 50275
Muftu, S., Benson, R.C. A numerical solution for the transient displacement of a circumferentially moving cylindrical shell 97736
Mugikura, Y., Abe, T., Izaki, Y., Yoshioka, S., Urushibata, H. Analysis of performance of molten carbonate fuel cell. III. The effect of NiO cathode dissolution on the cell life 90375
Mugind, E. *see* Ovsyannikov, G.A. 82363
Mugler, J.P. *see* Debiao Li 67530
Mugnai, A. *see* Vivekanandan, J. 77375
Mugnai, D. *see* Nikl, M. 80900
Mugnier, J. *see* Lou, L. 72378
Muh-Lin Chen *see* Nelson, D.J. 53718
Muhamad, A.K., Deravi, F. Neural network texture classifiers using direct input co-occurrence matrices 84967
Muhammet, R., Nakamura, T., Shimizu, M., Shiosaki, T. Effects of oxygen concentration on growth of $Bi_4Ti_3O_{12}$ thin films by metalorganic chemical vapor deposition 91571
Muhieddine, A.A. *see* Zeng, X. 49534
Muhl, W., Stolz, H. Security architecture and concepts for telecommunication networks 96456
Muhlbach, G., Gasca, M. Multivariate polynomial interpolation under projectivities. III. Remainder formulas 91355
Muhlbach, L. *see* Bocker, M. 96827
Muhlbauer, A. *see* Baake, E. 69254
Muhle, C., Ratzinger, U., Bleuel, W., Jost, G., Leible, K., Schennach, S., Wolf, B.H. Status of the pulsed magnetic field electron cyclotron resonance ion source 53156
Muhle, R. *see* Machalett, F. 67279
Muhlemeyer, P. *see* Staudt, E. 60843
Muhlenbein, H. The Breeder Genetic Algorithm—a provable optimal search algorithm and its application 54702
Muhler, R. *see* Pethe, J. 76913
Muhler, R. *see* Pethe, J. 98874
Muhlfelder, B. *see* Lockhart, J.M. 50409
Muhlfelder, B. *see* Xiao, Y. 52819
Muhlhoff, A. *see* Rast, A. 94497
Muhll, R.Von Der *see* Von Der Muhll, R.
Muhong Xiu *see* Xiu Muhong
Muhr, T. *see* Auernhammer, H. 100973
Muhsin, I., Sundareshan, M.K., Sudharasanan, S.I., Karakasoglu, A. Adaptive excitation and governor control of synchronous generators using multilayer recurrent neural networks 68577
Muhsin, I. *see* Sudharsanan, S.I. 68578
Mui, P.H., Szilagyi, M. Synthesis of monopole-and-quadrupole focusing columns 94746
Mui, S.Y. A comparison of fixed and variable-rate signaling for meteor burst communications 52462
Mui, S.Y. A simulcast UHF terrestrial radio network 58339
Mui Lik *see* Lik Mui
Muilwijk, S.L.C. *see* Kemmelings, J.G.C. 88488
Muir, W. *see* Glabus, M.F. 53433
Muirhead, M.J. *see* Hintz, D.M. 99146
Muise, R.W. *see* Boza, L.B. 48649
Muizhnieks, A., Yakovich, A. Mathematical modeling of MHD flow and the characteristics of a centrifugal conduction pump 100771
Mujica, V. *see* Kemp, M. 81112
Mujumdar, A., Jain, R., Saluja, K. Behavioral synthesis of testable designs 70374
Mujumdar, A. *see* Rim, M. 55050
Mujumdar, A.K. *see* Ravi, K.N. 53783
Mujumdar, A.K. *see* Vasudev, N. 53778
Mukae, T. *see* Sugimitsu, T. 67251
Mukai, E. *see* Hoshino, T. 89842
Mukai, E. *see* Muta, I. 89790
Mukai, H. *see* Watanabe, A. 90377
Mukai, J. *see* Sugimitsu, T. 67251
Mukai, S., Watanabe, M., Yajima, H. Analysis of modes in a vertical cavity surface emitting laser with multilayer Bragg reflectors 94540
Mukai, S. *see* Sano, I. 77615
Mukai, S. *see* Watanabe, M. 63525
Mukai, S. *see* Watanabe, M. 63844
Mukai, S. *see* Watanabe, M. 94464
Mukai, S. *see* Yokota, T. 77371
Mukai, Y., Kimura, H. The results of performance test of JERS-1 OPS data 77223
Mukaida, M. *see* Yokoyama, N. 78156
Mukaidono, M. *see* Nagata, Y. 57407
Mukaidono, M. *see* Takagi, N. 49255
Mukaihara, K., Hosono, Y., Tomida, S., Takano, S., Sasaki, Y., Uehara, K. Laser diode module for analog CATV transmission 66052
Mukaihara, T., Araki, M., Maekawa, H., Hayashi, Y., Ohnodki, N., Koyama, F., Iga, K. Dynamic wavelength shift of vertical-cavity surface-emitting lasers 94444
Mukaihara, T., Ohnoki, N., Baba, T., Koyama, F., Iga, K. A novel birefringent distributed Bragg reflector using a metal/dielectric polarizer for polarization control of surface-emitting lasers 50569
Mukaiyama, Y., Ohshima, H., Kaji, I., Takehana, H., Watanabe, K., Tanabe, N., Nishinoma, M. Application of corrugated stainless steel sheath to high voltage XLPE cable 99706
Mukamel, S. *see* Myoungsik Cha 94616
Mukasa, K. *see* Arai, J. 66695
Mukasa, K. *see* Iizuka, M. 50264
Mukerjee, A.K. *see* Prasanna Kumar, C.S. 78994
Mukerji, R., Ellis, S., Garver, L., Simons, N. Analytic tools for evaluating transmission access issues 78047
Mukerji, R. *see* Godart, T. 68165
Mukhanov, O.A. Superconductive single-flux quantum technology 91969
Mukherjee, A., Bhaumik, B.B., Bandyopadhyay, A.K. Hierarchical clustering technique for the minimum cost design of a naturally clustered computer communication network 74970
Mukherjee, A., Strikwerda, J.C. Analysis of dynamic congestion control protocols—a Fokker-Planck approximation 65048
Mukherjee, A. *see* Bassiouni, M.A. 84009
Mukherjee, A. *see* Das, A.K. 56355
Mukherjee, A. *see* Mukherjee, B. 65096
Mukherjee, A. *see* Saha, D. 85688
Mukherjee, B. Operational health physics service during the maintenance of the Australian National Medical Cyclotron 87636
Mukherjee, B., Heberlein, L.T., Levitt, K.N. Network intrusion detection 58057
Mukherjee, B., Kamal, A.E. The continuation-bit approach and the p_i-persistent protocol for scheduling variable-length messages on slotted, high-speed, fiber optic LANs/MANs 52171
Mukherjee, B., Ramamurthy, S., Banerjee, D., Mukherjee, A. Some principles for designing a wide-area optical network 65096
Mukherjee, B. *see* Banerjee, S. 58145
Mukherjee, B. *see* Borella, M. 50653
Mukherjee, B. *see* Feiling Jia 65795
Mukherjee, B. *see* Feiling Jia 86499
Mukherjee, B.K. *see* Ahmad, A. 50139
Mukherjee, B.K. *see* Sherrit, S. 56102
Mukherjee, B.K. *see* Sherrit, S. 56176
Mukherjee, D. *see* Mukhopadhyay, S. 76094
Mukherjee, J. *see* Vinod, V.V. 51585

Mukherjee, N., Myers, R.A., Brueck, S.R.J. Dynamics of second-harmonic generation in fused silica 50919
Mukherjee, P.K., Sharma, S.K., Singh, K.P. Application of microwave remote sensing in the detection of buried objects 77726
Mukherjee, P.K. *see* Chakraborty, N. 99804
Mukherjee, P.K. *see* Chakravorti, S. 53787
Mukherjee, R., Banerjee, J.P. Avalanche and drift layer contributions to the negative resistance of millimetre wave p^+nn^+ InP IMPATT diode for different current densities 55394
Mukherjee, R., Jain, J., Pradhan, D.K. Functional learning: a new approach to learning in digital circuits 49378
Mukherjee, R. *see* Aprile, E. 67331
Mukherjee, R. *see* Aprile, E. 67342
Mukherjee, R. *see* Banerjee, J.P. 80679
Mukherjee, R. *see* Banerjee, J.P. 93306
Mukherjee, S., Ganapathy, R., Dasgupta, S., Morton, A., Mukundan, P.S. Design support methodology for power integrated circuits 49171
Mukherjee, S. *see* Baumgart, H. 93082
Mukherjee, S. *see* Di-Son Kuo 70517
Mukherjee, S. *see* Merchant, S. 55973
Mukherjee, S. *see* Saha, D. 65316
Mukherjee, T., Carley, L.R., Rutenbar, R.A. Synthesis of manufacturable analog circuits 91839
Mukherji, S. *see* Natarajan, R. 89217
Mukhin, S.L. *see* Bochkov, A.V. 56623
Mukhopadhyay, A.K. *see* Basu, D. 99648
Mukhopadhyay, A.K. *see* Das, A. 100155
Mukhopadhyay, A.K. *see* Das, A. 100818
Mukhopadhyay, A.K. *see* Das, A. 100819
Mukhopadhyay, A.K. *see* Sengupta, S. 78194
Mukhopadhyay, A.K. *see* Sengupta, S. 78195
Mukhopadhyay, D. Managing interoperability using APPC 74686
Mukhopadhyay, K. *see* Datta, S.K. 90385
Mukhopadhyay, M., Ray, S.K., Maiti, C.K., Nayak, D.K., Shiraki, Y. Electrical properties of oxides grown on strained SiGe layer at low temperatures in a microwave oxygen plasma 81367
Mukhopadhyay, P.K. *see* Mukhopadhyay, S.C. 100129
Mukhopadhyay, R.K. *see* Srivastava, H.N. 83682
Mukhopadhyay, S., Chowdhury, S.P., Pal, S.K. Transient thermal modelling of small cage rotor induction motors 100130
Mukhopadhyay, S., Hogarth, C.A. Gas sensing properties of phthalocyanine Langmuir-Blodgett films 52969
Mukhopadhyay, S., Mukherjee, D., Cook, M.J., Hogarth, C.A. Low temperature studies of substituted copper phthalocyanine Langmuir-Blodgett films 76094
Mukhopadhyay, S. *see* Roy, J.N. 82761
Mukhopadhyay, S.C., Chowdhury, S.P., Pal, S.K. A software package for the determination of steady state temperature of small cage rotor induction motor 100128
Mukhopadhyay, S.C., Pal, S.K., Bose, S., Mukhopadhyay, P.K. Characteristics of a cage rotor induction motor under wide ratio pole configuration 100129
Mukhopadhyay, T. *see* Riggins, F.J. 52140
Mukhopadhyay, T. *see* Riggins, F.J. 85403
Mukhsen, A.F. Fast matrix separation by means of an envelope-storage algorithm in determining the grid power 77826
Mukimov, K.M., Sigal, G.P., Sokolov, B.Yu. Pulsed phase detector 87346
Mukkamala, R. Storage efficient and secure replicated distributed databases 51328
Mukkamala, R. *see* Fondriat, E.C. 65368
Mukkamala, R. *see* Myron Xu 66140
Mukohzaka, N., Yoshida, N., Toyoda, H., Kobayashi, Y., Hara, T. Diffraction efficiency analysis of a parallel-aligned nematic-liquid-crystal spatial light modulator 56454
Mukohzaka, N. *see* Kobayashi, Y. 56446
Mukoyama, Y. *see* Yang, Y. 90692
Mukugi, K. *see* Kishimoto, T. 67215
Mukugi, K. *see* Kodaira, M. 67214
Mukumoto, K., Fukada, A. Performance analysis of slotted ALOHA over time-varying channels 65640
Mukumoto, K., Fukuda, A. Performance analysis of zone-structured packet radio network for mobile terminals 86102
Mukumoto, K. *see* Fukuda, A. 86309
Mukumoto, K. *see* Gang Wu 65654
Mukumoto, K. *see* Gang Wu 65659
Mukumoto, K. *see* Nagasawa, M. 86308
Mukumoto, K. *see* Nagasawa, M. 97219
Mukumoto, K. *see* Wu, G. 75336
Mukumoto, K. *see* Wu, G. 86158
Mukund, P.R., Pearson, R.E. Development of the RIT infrastructure for design, fabrication and testing of small multichip modules 54516
Mukunda Rao, M. *see* Ahmadi, M.M.D. 94844
Mukundan, K.K. *see* Janardhanan, K.V. 97412
Mukundan, P.S. *see* Mukherjee, S. 49171
Mukundan, R. *see* Ortmeyer, T.H. 69100
Mukutmoni, D., Kelleher, M.D., Joshi, Y.K. AMPHIB: a general purpose code for electronic cooling applications 90985
Mul, F.F.M.de *see* de Mul, F.F.M.
Mula, G. *see* Cingolani, R. 72808
Mulcahy, T. *see* Abboud, R.G. 90469
Mulcahy, T.M. *see* Hull, J.R. 72274
Mulcahy, T.M. *see* Lorimer, W.L. 82289
Mulder, D. *see* Parrish, S. 85554
Mulder, N.J. A theory of geoinformatics with a sub-theory for image analysis of RS-data, the integration of GIS & RS, model based image analysis 67778
Mulder, N.J. *see* Fang Luo 77668
Mulder, N.J. *see* Liu, L. 67777
Mulder, S. *see* Prince, J.C. 76128
Mulder, W.H. *see* Saakes, M. 68949
Mulertt, C. *see* de Palma, J.-F. 90171
Mulertt, C. *see* De Palma, J.-F. 90303
Mulertt, C. *see* de Palma, J.-F. 90542
Mulery, A. Achieving a pan-European service infrastructure 96455
Mulet-Marquis, D. *see* Ancelin, C. 68377
Mulgrew, B. *see* Chen, S. 84555
Mulgrew, B. *see* Chng, E.S. 51491
Mulgrew, B. *see* Grant, P.M. 57470
Mulgrew, B. *see* Newson, P. 75251
Mulgrew, B. *see* Thompson, J.S. 52430
Mulgrew, B. *see* Warner, E.S. 51373
Mulgrew, B. *see* Warner, E.S. 95365
Mulgrew, B. *see* Warner, E.S. 96998
Mulhall, D. *see* Pearce, P.D. 48620
Mulhall, T. Defending large networks...the key threats 96521
Mulhauser, E., Knafl, U. Helicopter supported antenna pattern measurements using GPS satellite navigation 64218
Mulholland, G. *see* Babrauskas, V. 76248
Mulholland, G. *see* Burgett, W. 98480
Mulholland, G. *see* McInturff, A.D. 76652
Mulholland, G. *see* McInturff, A.D. 87671
Mulholland, J.E., Dunn, T.S. The measurement of solar array discharges in a simulated space environment 59455
Mulholland, J.E., Noble, S.P. An automated microwave measurements experience for undergraduates 66664
Muliang Xu *see* Xu Muliang
Muljadi, E., Lipo, T.A. Series compensated PWM inverter with battery supply applied to an isolated induction generator 68616
Muljadi, E., Lipo, T.A. Series compensated PWM inverter with battery supply applied to an isolated induction generator 78638
Mull, D.E. *see* Liau, Z.L. 63915
Mullally, T. *see* Morgan, R.A. 87390
Mullan, C.A., Kiely, C.J., Yakushev, M.V., Imanieh, M., Tomlinson, R.D., Rockett, A. Ion implantation effects in single crystal $CuInSe_2$ 81449
Mullan, C.A. *see* Yang, L.C. 100511
Mullan, P. *see* Cornily, J.-M. 74862
Mullaney, K., Dollery, A.A., Jones, G.M., Bogus, K. An optimized teflon bonding process for solar cell assemblies using Pilkington CMZ and CMG coverglasses 100741
Mullaney, K., Jones, G.M., Kitchen, C.A., Jones, D.P. Infra-red reflective coverglasses: the next generation 100738
Mullaney, K. *see* Hardingham, C. 100742
Mullee, T., Faulkner, B. Planning for a customer-responsive network 85373
Mullee, T., Oodan, A. Telecommunications quality of service: principles and management 65167
Mullen, G.L. *see* Shuhong Gao 91351
Mullen, L., Herczfeld, P.R. Application of radar technology to aerial LIDAR systems 88818
Mullen, L., Herczfeld, P.R., Contarino, V.M., Allocca, D., Squicciarini, M.F., Billmers, R. Fiber simulator for hybrid lightwave-microwave technology 88876
Mullen, L., Herczfeld, P.R., Contarino, V.M., Allocca, D., Squicciarini, M.F., Billmers, R. Ocean mass simulator for underwater LIDAR applications 97437
Mullen, R.L. *see* Qingyuan Meng 62909
Mullen, T. *see* He, B. 67544
Mullens, J.R., Rao Palakodeti, S., Schaefer, J.E. Inspection and life assessment of secondary superheater outlet headers at Monroe power plant—Detroit Edison 89606
Mullens, J.R. *see* McKinney, D.L. 55286
Muller, A. Estimation of frequency deviation of OFDM signals [mobile radio] 65686
Muller, A. OFDM transmission over time-variant multipath channels 97547
Muller, A. *see* Anderl, P. 69584
Muller, A.J., Psota-Kelty, L.A., Krautter, H.W., Sinclair, J.D. Volatile cleanroom contaminants: Sources and detection 93109
Muller, C., Magill, E.H., Prosser, P., Smith, D.G. Artificial intelligence in telecommunications 96463
Muller, C. *see* Mangeas, M. 89171
Muller, C.J., de Bruyn Ouboter, R. Observation of the 'skew supercurrent' in Josephson vacuum barrier tunnel junctions as a function of the junction normal resistance 63315
Muller, D., Nicolas, L., Nicolas, A. A C.A.E. package for an intuitive approach to microwaves 79162
Muller, D. *see* Abe, K. 88115
Muller, D. *see* Antilogus, P. 59064
Muller, D. *see* Antilogus, P. 59127
Muller, D. *see* Repplinger, F. 48958
Muller, G., Herzinger, S., Weigel, R., Russer, P. Extended phased array model for the calculation of mechanical bulk wave excitation in SAW reflectors 82229
Muller, G., Krotz, G., Niemann, E. SiC for sensors and high-temperature electronics 62223
Muller, G., Sindic, G., Seifert, F., Weigel, R. A new synthesis method for broadband dispersive 180° reflecting arrays in SAW devices 99335
Muller, G. *see* Abe, K. 88115
Muller, G. *see* Achatz, V. 94315
Muller, G. *see* Antilogus, P. 59064
Muller, G. *see* Antilogus, P. 59127
Muller, G. *see* Chaloupka, H.J. 92549
Muller, G. *see* Hein, M.A. 93944
Muller, G. *see* Krotz, G. 79912
Muller, G. *see* Seidl, A. 87337
Muller, G. *see* Stolk, P.A. 62200
Muller, G. *see* Wenger, G. 97344
Muller, G.O. *see* Mach, R. 82832
Muller, H., Rehbold, R., Emshoff, H. A fuzzy logic expert system for detecting generator H_2 leaks 78577
Muller, H., Smith, P., Walend, D., Kirchgessner, J. Thermal modeling of cryogenic accelerator structures 76717
Muller, H. *see* Czarske, J. 66686
Muller, H. *see* Czarske, J. 76260
Muller, H. *see* Czarske, J. 97991
Muller, H. *see* Engel, B. 68051
Muller, H. *see* Gluck, A. 66255
Muller, H. *see* Graber, J. 67094
Muller, H. *see* Hafner, H. 60038
Muller, H. *see* Kirchgessner, J. 67104
Muller, H. *see* Marquardt, K. 61768
Muller, H. *see* Meier, U. 57281
Muller, H. *see* Nordberg, E. 66815
Muller, H.-J. Recent SAR measurements of radar backscatter from agricultural and forested areas 77661
Muller, H.-O. *see* Krech, W. 72234
Muller, H.-U. *see* von Ortenberg, M. 82505
Muller, H.G., Patuzzi, A.A., Nix, E.H. D-c electric arc furnace—a trend-setting technology in steelmaking 69259
Muller, J. *see* Algalarrondo, D. 96848
Muller, J. *see* Bruck, R. 69817
Muller, J. *see* Pauli, M. 100636
Muller, J. *see* Sarstedt, M. 59021
Muller, J. *see* Wenger, G. 97344
Muller, J.-C. *see* Kuznicki, Z.T. 55609
Muller, J.-E., Gyselinckx, B. Comparison of active versus passive on-wafer load-pull characterisation of microwave and mm-wave power devices 87486
Muller, J.C. *see* Hartiti, B. 100642
Muller, J.C. *see* Kuznicki, Z.T. 100479
Muller, J.C. *see* Schindler, R. 100630
Muller, J.R., Anandan, P., Bergen, J.R. Adaptive-complexity registration of images 84708
Muller, K. *see* Harder, C. 49824
Muller, K. *see* Meierer, M. 89560
Muller, K.-H., Eckert, D., Wendhausen, P.A.P., Handstein, N., Wirth, S., Wolf, M. Description of texture for permanent magnets 72181
Muller, K.-H. *see* Bo-Ping Hu 72019
Muller, K.-H. *see* Handstein, A. 50199
Muller, K.-H. *see* Handstein, A. 72182
Muller, K.-H. *see* Matthews, D.N. 82319
Muller, K.-H. *see* Wendhausen, P.A.P. 50200
Muller, K.-H. *see* Wendhausen, P.A.P. 72184
Muller, K.-P. Lightning and overvoltage protection for radio equipment 52308
Muller, K.D. *see* Jochmann, M. 59194
Muller, K.D. *see* Kanyo, M. 87965
Muller, L. Ablation controlled arcs in nozzles of polymeric insulating materials 90247
Muller, M. ARM6: a high performance low power consumption macrocell 70387
Muller, M., Arce, G.R. Generalized fan beam reconstruction algorithm and its applications 88405
Muller, M., Gottfried-Gottfried, R., Kuck, H., Mokwa, W. A fully CMOS-compatible infrared sensor fabricated on SIMOX substrates 66322
Muller, M., Mattern, N. The influence of refractory element additions on the magnetic properties and on the crystallization behaviour of nanocrystalline soft magnetic Fe-B-Si-Cu alloys 82258
Muller, M., Turowski, R. The contribution of the electricity industry to climate protection 89407
Muller, M. *see* Minihold, R. 52682
Muller, M.W. *see* Horng-Shiong Chen 82266
Muller, M.W. *see* O'Sullivan, J.A. 50356
Muller, M.W. *see* O'Sullivan, J.A. 63226
Muller, N. *see* David, R. 53105
Muller, P. Technical and practical aspects of using online databases on ECHO and other hosts 65137
Muller, P., Bachmann, T., Wendler, E., Wesch, W. Structural and electrical properties of Si- and Se-implanted InP layers 49867
Muller, P., Grossmann, H.P. UDINE—a universal document information and navigation entry 96617
Muller, P. *see* Bavdaz, M. 67408
Muller, P. *see* Kleiner, R. 82372
Muller, P. *see* Schmiedeskamp, B. 56504
Muller, P. *see* Zogg, H. 61259

Muller, P.K. *see* Pasquale, J. 51900
Muller, R. The ABB turbo-charger: an integral part of large diesel engines 60115
Muller, R., Alvarez-Bravo, J.V., Arizmendi, L., Cabrera, J.M. Tuning of photorefractive interference filters in $LiNbO_3$ 83363
Muller, R. *see* Aigner, R. 58875
Muller, R. *see* Auerbach, F.J. 58721
Muller, R. *see* Geiger, H.-W. 72902
Muller, R. *see* Harboe-Sorensen, R. 70467
Muller, R. *see* Honig, K. 75064
Muller, R. *see* Honig, K. 75138
Muller, R. *see* Lescroart, G. 56621
Muller, R. *see* Lescroart, G. 94342
Muller, R. *see* v. Egan-Krieger, G. 87624
Muller, R.E. *see* Alien, S.T. 92544
Muller, R.E. *see* Smith, R.P. 81769
Muller, R.S. *see* Anderson, R.C. 62485
Muller, R.S. *see* Ried, R.P. 66087
Muller, R.S. *see* Williams, K.R. 62089
Muller, S. *see* Dettmer, H. 55933
Muller, S. *see* Fichtner, W. 93299
Muller, S. *see* Moran, L. 100243
Muller, S. *see* Schenk, A. 49944
Muller, T., Rohling, H., Speckter, H.E. Reduction of interference from DGPS transmissions in the MF band using a GMSK modulation scheme 97184
Muller, T. *see* Fouckhardt, H. 65778
Muller, T. *see* Fuhr, G. 57065
Muller, T. *see* Hagedorn, R. 100181
Muller, T. *see* Pfitzmann, D. 75229
Muller, T. *see* Wagner, B. 60268
Muller, U. *see* Bohm, C. 55482
Muller, W., Hartmann, F.J., Eades, J., Hayano, R.S., Ketzer, B., Maas, F.E. Online monitoring of charged-particle beams using a CCD camera with image intensifier 98421
Muller, W.C. Fast and accurate water and steam properties programs for two-phase flow calculations 89525
Muller, W.F.O. *see* Hulsmann, P. 58964
Muller-Hummel, P., Lahres, M. Infrared temperature measurement on diamond-coated tools during machining 76241
Muller-Nawrath, R. *see* Achatz, V. 94315
Muller-Nawrath, R. *see* Wenger, G. 97344
Muller-Romer, F. Digital television—effects on the media landscape 86647
Muller-Sebert, W. *see* Wild, C. 69926
Mullerova, I., Fiser, J. Magnetic shielding of stray magnetic fields in the scanning electron microscope 62133
Mullerova, I. *see* Pejchl, D. 49756
Mullett, C. *see* Jamerson, C. 49161
Mulligan, J.B. Improving digital halftones by exploiting visual system properties 95964
Mulligan, J.H., Jr. *see* Co, R.S. 80190
Mullikin, J.C., Van Vliet, L.J., Netten, H., Boddeke, F.R., Van Der Feltz, G., Young, I.T. Methods for CCD camera characterization 76070
Mullin, J.B. *see* Jones, E.D. 71277
Mullin, R.C. *see* Mills, W.H. 69733
Mullins, G. *see* Golob, A. 62558
Mullins, J. Take a handful of hadrons [LHC] 76291
Mullins, J.H., Terrill, S.D., Harrison, K.R., Leopard, P.H. A deterministic millimeter-wave sensor model for terminally guided submunitions 53580
Mullins, J.T., Horsburgh, G., Simpson, J., Thompson, P., Taghizadeh, M.R., Hauksson, I., Wang, S.Y., Prior, K.A., Cavenett, B.C., Williams, G.M., Cullis, A.G. Laser induced doping profiles in molecular beam epitaxy grown ZnSe doped with iodine 71302
Mullins, J.T. *see* Wang, S.Y. 63487
Mullins, M. *see* Chen, M. 67340
Mullot, R. *see* Ogier, J.M. 99130
Mulpur, A., Thompson, C. Modal diameter control of linear isothermal optical fibers 94088
Multon, B. *see* Cailleux, H. 89873
Multon, B. *see* Cailleux, H. 100082
Multon, B. *see* Laurent, P. 60199
Multon, B. *see* Le Chenadec, J.Y. 90508
Mulukutla, S. *see* Hoff, C.M. 68076
Mulvey, J.H. Legacies of the bubble chamber 76809
Mulyarchik, S.G. *see* Belyavskii, S.S. 56052
Mulyukov, Z.S. *see* Krainov, V.P. 73008
Mulyukov, Z.S. *see* Krainov, V.P. 73236
Mumford, A.M. *see* Morrow, T.M. 96616
Mumford, D. *see* Chung, F.R.K. 79599
Muminov, R.A., Katulevskii, A.Yu. Traveling helical wave amplifier for superhigh frequencies on the base of a semiconductor containing deep impurity levels 61906
Mumola, P.B. *see* Feng, T. 93239
Mun, G.V. *see* Ismailov, M.M. 52802
Mun, G.V. *see* Ismailov, M.M. 53081
Mun, J.K. *see* Lee, J.-L. 56004
Mun, S.K. *see* Jyh-Shyan Lin 76944
Mun, Y., Tang, Y., Devarajan, V. Analysis of call packing and rearrangement in a multi stage switch 51751
Mun Jae Kyoung *see* Jae Kyoung Mun
Mun Lye Kin *see* Kin Mun Lye
Munaf, D. *see* Crabtree, I.B. 96472
Munafo, M., Neri, F., Cioffari, S.C., Vasco, A. Analysis of the spanning tree and source routing LAN interconnection schemes 65361
Munafo, M. *see* Ajmone Marsan, M. 85806
Munafo, M. *see* Marsan, M.A. 65365
Munain, J.M.H.Lopez de *see* Lopez de Munain, J.M.H.
Munakata, C. *see* Shimizu, H. 71359
Munakata, T. *see* Kanno, M. 55835
Munakata, T. *see* Miyazaki, N. 79759
Munari, I.De *see* De Munari, I.
Munch, K.-H., Kratzer, A., Kalvius, G.M., Maier, K., Major, J., Hampele, M., Pfiz, T. Analogue detection technique 76851
Munch, W.von *see* von Munch, W.
Munday, D.J. *see* Bates, S.J. 53308
Munday, D.J. *see* Borer, K. 53347
Munday, D.J. *see* Borer, K. 98687
Munder, H. *see* Berger, M.G. 62255
Munder, H. *see* Kolter, M. 100699
Munder, H. *see* Koynov, S. 79899
Munder, H. *see* Watte, J. 81807
Mundinger, H.-J., Booth, G. Fast cryopump regeneration for sputtering applications 62363
Mundy, J.L. *see* Forsyth, D.A. 84814
Munekata, F. *see* Kobayashi, K. 97496
Munekata, H. *see* Kano, N. 70048
Muneyasu, M., Hinamoto, T. Two-dimensional adaptive state-space filters using LMS method 64556
Muneyasu, M., Hinamoto, T. Parallel-form realization of 2-D adaptive separable-denominator state-space filters 74178
Muneyasu, M., Tsujii, S., Hinamoto, T. A 2-D IIR neural hybrid filter for image processing 92407
Muneyasu, M. *see* Hinamoto, T. 49562
Munidasa, M., Mandelis, A. Purely thermal wave based nonchemical photopyroelectric gas sensor: application to hydrogen 66586
Munidasa, M., Mandelis, A. A comparison between conventional photothermal frequency scan and the lock-in rate window method in measuring thermal diffusivity of solids 76236
Munidasa, M., Mandelis, A., Katz, A., Do, D.V., Luong, V.K. Characterization of a purely thermal wave based photopyroelectric gas sensor for hydrogen detection 66587
Munikoti, R. *see* Stone, K.P. 91154
Munin, E., Villaverde, A.B., Bass, M. Broad band, tunable passive Q-switching with semiconductor doped glass filters 56713
Munir, Z.A. *see* Feng, A. 79761
Munk, B.A. *see* Schneider, S.W. 57267
Munk, B.A. *see* Usoff, J.M. 73517
Munk-Nielsen, S. *see* Blaabjerg, F. 100288
Munn, R.W. *see* Baggaley, A. 56904
Munnich, G. The case for virtual private networks 65154
Munnings, R.S. *see* Fleischer, K.R. 68214
Munno, C.J., Turk, H., Armstrong, P.S. Tamper detection of fiber optic links via modulation transfer function characterization 97330
Munns, G. *see* Kamoua, R. 61920
Munns, G.O. *see* Chen, W.L. 62717
Munns, G.O. *see* Cowles, J.C. 61930
Munowitz, M. *see* Burton, R.S. 63438
Munowitz, M. *see* Burton, R.S. 63910
Munoz, A.R., Araya, C.L. Magnetic vibration of three-phase induction motors supplied by inverters 100124
Munoz, E. *see* Sanchez-Rojas, J.L. 62896
Munoz, J. Quality level assessment of manufacturing systems based on subjective inspection 48714
Munoz, J., Margineda, J., Martin, E., Rojo, M. Dual five-port analyzer using fixed probes 66145
Munoz, J. *see* Huang, J.C. 95605
Munoz, J. *see* Saloma, C. 76229
Munoz, J.S. *see* Pont, M. 50191
Munoz, J.S. *see* Martinez, L.M. 53027
Munoz, M.Rodriguez *see* Rodriguez Munoz, M.
Munoz-Ferrada, C. *see* Rosenfeld, A. 88583
Munoz-Ferrada, C. *see* Rosenfeld, A. 99024
Munoz-Garcia, S.G. Adaptive beamforming in a CDMA mobile satellite communications system 58328
Munro, A., Davies, R.L., Barton, M.H. Performance of multiple access protocols for data communication in PMR systems 65599
Munro, A. *see* Davies, R.L. 65245
Munro, A. *see* Watson, R.M. 65031
Munro, I.H. *see* Kamenskikh, I.A. 88042
Munshi, A.S., Johns, D.A. Adaptive IIR filtering of delta-sigma modulated signals 83914
Munson, D.C., Jr. *see* Robertson, B.L. 86552
Munson, F.H. *see* Pardo, R.C. 76297
Munson, J.C. *see* Khoshgoftaar, T.M. 58021
Munson, J.C. *see* Khoshgoftaar, T.M. 91229
Munson, T.L. Identifying the variables of fine pitch technology that effect product reliability 91149
Munson, W.A. *see* Munson, W.A., Jr. 69235
Munson, W.A., Jr., Sommerdyke, T.J., Munson, W.A., Kubiszak, E.V. Cost effective arc furnace modernization 69235
Munteanu, I., Lakatos, E. The photoelectromagnetic effect in p^+-ν-p^+ structures 62229
Munteanu, R. Silicone rubber insulators reduce life cycle costs 68281
Munter, K. *see* De Vreede, J.P.M. 86889
Munter, K. *see* Glimm, J. 86944
Munter, P.J.A. *see* Bellekom, A.A. 52827
Munton, C.G.F. The development of visual standards in the UK 98739
Munts, V.A. *see* Lekomtseva, Yu.G. 53932
Munts, V.A. *see* Lekomtseva, Yu.G. 89630
Muntslag, D.R. Profit and risk evaluation in customer driven engineering and manufacturing 79234
Muntwyler, S.K. *see* Muntwyler, U. 54206
Muntwyler, S.Kleindienst *see* Kleindienst Muntwyler, S.
Muntwyler, U., Kleindienst Muntwyler, S. The Tour de Sol as a pacesetter for solarmobiles and lightweight electric vehicles 54207
Muntwyler, U., Muntwyler, S.K. Nine theses concerning lightweight electric vehicles 54206
Muntz, E.P. *see* Ketsdever, A. 90636
Muntz, R.R. *see* Franceschinis, G. 69698
Munu, M., Harrison, I., Woolfson, M.S. Tracking performance measures and optimisation conditions for phased array radar 75603
Munzel, M. An investigation of two body forces in a vortex wake 77335
Munzel, N., Holzwarth, H., Falcigno, P., Schacht, H.-T., Schulz, R., Nalamasu, O., Timko, A.G., Reichmanis, E., Kometani, J., Stone, D.R., Neenan, T.X., Chandross, E.A., Slater, S.G., Frey, M.D., Blakeney, A. Advanced positive photoresists for practical deep-UV lithography 81617
Munzel, N. *see* Mertesdorf, C. 81634
Munzel, N. *see* Schaedeli, U. 81621
Munzenberg, G. *see* Langenbeck, B. 76856
Munzinger, P.C. *see* Borst, T.H. 69935
Mur, G. The finite-element modelling of three-dimensional time-harmonic electromagnetic fields 51000
Mur, G. The FEMAX finite-element package for computing three-dimensional time-domain electromagnetic fields in inhomogeneous media 57045
Mur, G. Edge elements, their advantages and their disadvantages 83444
Mur, G. Compatibility relations and the finite-element formulation of electromagnetic field problems 83707
Mur, G. *see* Lager, I.E. 73383
Murabayashi, F., Hotta, T., Tanaka, S., Yamauchi, T., Yamada, H., Nakano, T., Kobayashi, Y., Bandoh, T. 3.3-V BiCMOS circuit techniques for a 120-MHz RISC microprocessor 49486
Murabayashi, F. *see* Tanaka, S. 49489
Murabayashi, F. *see* Tanaka, S. 70666
Muraca, P., Picardi, C. A reduced order extended Kalman filter in induction motor drives 78868
Murach, J.M. *see* Hogan, S.J. 100726
Murach, J.M. *see* Nowlan, M.J. 90429
Muragishi, T. *see* Maeda, S. 71691
Muraguchi, M. *see* Tsukahara, T. 92628
Murahashi, T. *see* Aragane, J. 78801
Murai, A. *see* Ohigashi, N. 53113
Murai, F. *see* Noda, H. 93372
Murai, F. *see* Noda, H. 93395
Murai, F. *see* Yano, K. 80330
Murai, F. *see* Yano, K. 93418
Murai, H., Gotoh, T. Stabilization of epoxy-based polymer-dispersed liquid crystal films by addition of excess hardener 56458
Murai, J. *see* Teraoka, F. 85637
Murai, K., Yuan, G., Kodama, R., Daido, H., Kato, Y., Niibe, M., Miyake, A., Tsukamoto, M., Fukuda, Y., Neely, D., MacPhee, A. Double-pass amplification in Ge soft X-ray laser with a polarizing half-cavity 56613
Murai, K. *see* Kato, Y. 50730
Murai, K. *see* Shirahama, H. 60488
Murai, S. *see* Fujiwara, S. 91416
Murai, S. *see* Goto, S. 67903
Murai, T. Characteristics of LSM combined propulsion, levitation and guidance 90592
Murai, T. *see* Shimoyama, R. 57410
Murai, Y. *see* Abeyratne, S.G. 68798
Murai, Y. *see* Hamamoto, T. 92219
Murai, Y. *see* Iwamoto, H. 92216
Muraida, J.E. *see* Lahti, G.P. 78290
Muraka, S.P. *see* Price, D.T. 54398
Murakami, A. World Geodetic System 1984 (WGS84) synthesis in positioning a sensor satellite and a moving object 53514
Murakami, A., Yoshinaka, H., Goto, M. Radiation hardness of plastic scintillating fiber against fast neutron and γ-ray irradiation 67296
Murakami, A., Yoshinaka, H., Sahu, S.K., Maki, A., Yamaguchi, H., Zhang, N.-s. Signal readout from scintillating fiber by using multianode photomultiplier tubes 59080
Murakami, A. *see* Ohsugi, T. 59069
Murakami, A. *see* Unno, Y. 98558
Murakami, E., Kawamura, Y., Kimura, S. New selective doping technique for boron using a HBO_2 source and a thin oxide mask 55724
Murakami, E., Nakagawa, K., Nishida, A., Miyao, M. Fabrication of strain-controlled SiGe/Ge MODFET with ultrahigh hole mobility 56028
Murakami, F. Accuracy assessment of a laser triangulation sensor 98007

Murakami, H., Minami, K., Griffith, R.V. Results of the IAEA/RCA personal dosemeter intercomparison in the Asian and Pacific region 67653
Murakami, H., Shimizu, K., Yamamoto, K., Mikami, T., Hoshimiya, N., Kondo, K. Telemedicine using mobile satellite communication 67607
Murakami, H., Yokoi, T., Okamoto, T. ITU-T standardization activity of ISDN network performance 85862
Murakami, H. *see* Hasebe, N. 59057
Murakami, H. *see* Itoh, M. 73586
Murakami, H. *see* Kirimura, H. 79946
Murakami, H. *see* Sato, N. 96572
Murakami, H. *see* Sekimoto, Y. 67333
Murakami, H. *see* Shono, K. 54272
Murakami, H. *see* Takahashi, T. 76760
Murakami, H. *see* Takishima, Y. 51356
Murakami, H. *see* Torii, Y. 91434
Murakami, H. *see* Tsukada, K. 67377
Murakami, I. *see* Morimoto, M. 97662
Murakami, I. *see* Mutoh, N. 98090
Murakami, J., Tadokoro, Y. A new Toeplitz approximation method for linear prediction matrices 84300
Murakami, J. *see* Nakajima, N. 64270
Murakami, J. *see* Sugiyama, M. 84055
Murakami, K., Adachi, A., Hirota, J., Hayashi, O., Hoshinouchi, S., Sakao, M. Study of a laser soldering process for fine-pitch leads. II. Development of the high speed soldering process by a new beam-scanning technique 79309
Murakami, K., Kim, H.S. Near-optimal virtual path routing for survivable ATM networks 64948
Murakami, K., Wakabayashi, Y., Minami, K., Esashi, M. Cryogenic dry etching for high aspect ratio microstructures 55785
Murakami, K. *see* Johnson, L. 86685
Murakami, K. *see* Kaneko, S. 79879
Murakami, K. *see* Katsumata, I. 53264
Murakami, K. *see* Kubo, H. 57931
Murakami, K. *see* Kurano, T. 86007
Murakami, K. *see* Kurata, H. 49688
Murakami, K. *see* Nagata, H. 81725
Murakami, K. *see* Sakamoto, Y. 54010
Murakami, K. *see* Sakamoto, Y. 54011
Murakami, K. *see* Seki, K. 52799
Murakami, K. *see* Seki, K. 60613
Murakami, K. *see* Uruga, K. 60581
Murakami, K. *see* Yamaguchi, K. 49689
Murakami, M., Fujii, H. Thin films of liquid crystalline polymers as alignment layers for liquid crystal displays 56452
Murakami, M. *see* Horio, H. 53485
Murakami, M. *see* Kawaguchi, G. 62303
Murakami, M. *see* Nakanishi, J. 81341
Murakami, M. *see* Uchibori, C.J. 93050
Murakami, N., Namiki, H., Sakakibara, K., Yachi, T. A simple and efficient synchronous rectifier for forward DC-DC converters 49160
Murakami, N., Yumoto, I., Yachi, T., Maki, K. A highly efficient, low-profile 300-W power pack for telecommunications systems 68827
Murakami, N., Yumoto, I., Yachi, T., Maki, K. A low-profile power pack for ISDN systems under forced air convection 100258
Murakami, N. *see* Shibusawa, K. 55262
Murakami, S. *see* Inaba, S. 64601
Murakami, S. *see* Kanie, H. 69993
Murakami, T. Storage and distribution system for multimedia information 74810
Murakami, T., Ogawa, H., Yamada, S., Sato, Y., Yamada, T., Kitagawa, A., Yoshizawa, J., Fu, S., Kohno, T., Sato, K., Itano, A., Kumada, M., Takada, E., Kanazawa, M., Noda, K., Sudou, M., Hirao, Y., Morishita, O., Sawada, K. Design and operation of the HIMAC injector 76296
Murakami, T., Sato, S., Sakamoto, H., Moriya, T. Information management of switching software development based on distributed development environment 74942
Murakami, T., Shirakata, S., Isomura, S. Properties of $CuInSe_2$ thin films prepared by chemical spray pyrolysis 62207
Murakami, T. *see* Honguh, Y. 82524
Murakami, T. *see* Kitagawa, A. 53159
Murakami, T. *see* Kumada, M. 68748
Murakami, T. *see* Nakajima, N. 90038
Murakami, T. *see* Ohska, T.K. 66159
Murakami, T. *see* Shigeno, K. 63572
Murakami, T. *see* Tsukakoshi, M. 96679
Murakami, Y., Chujo, W., Chiba, I., Fujise, M. Study on mutual coupling between two ports of dual slot-coupled circular microstrip antennas 94974
Murakami, Y., Kasahara, M. A discrete logarithm problem over composite modulus 83944
Murakami, Y., Matsuzaki, H., Sakai, T. Computer simulation of pulsed discharge for a color DC plasma display panel 97600
Murakami, Y., Shiota, T., Shingyouji, T., Abe, H. Effect of oxidation ambient on the dielectric breakdown characteristics of thermal oxide films of silicon 63050
Murakami, Y. *see* Goodman, T.W. 93568
Murakami, Y. *see* Ise, T. 78840
Murakami, Y. *see* Ishida, H. 80106
Murakami, Y. *see* Kamikado, T. 82447
Murakami, Y. *see* Ogino, Y. 69057
Murakami, Y. *see* Takahashi, A. 72297
Murakawa, I. *see* Kakeya, M. 58243
Murakawa, K., Takahasi, H., Maeda, Y., Tokuda, M. Radiated interference emission source finding technique considering near field behavior 94861
Murakawa, K. *see* Masugi, M. 64164
Murakawa, S., McVittie, J.P. Mechanism of surface charging effects on etching profile defects 55811
Murakawa, S., McVittie, J.P. Direct measurement of surface charging during plasma etching 81511
Murakawa, S., Sychyi Fang, McVittie, J.P. Surface charging effects on etching profiles 62488
Murakawa, S. *see* Fang, S. 93692
Murakawa, S. *see* Sychyi Fang 62489
Murakawa, T., Kashiwabara, K., Simote, H., Kusano, Y., Kojima, K., Sekiguchi, Y., Miura, Y., Shimizu, T., Ogino, E. Development of flue gas cooler used for bag filter type of flue gas cleaning system 89635
Murakawa, T., Maeda, N., Kondo, M., Nagai, K., Hama, T., Ohta, K. The high removal technology of PCDDs/PCDFs by fabric filter and SCR system 89636
Muraki, K. *see* Fukatsu, S. 55602
Muraki, K. *see* Kiyota, Y. 71309
Muraki, T. *see* Hara, T. 93136
Muraki, T. *see* Uehira, E. 87294
Murakoshi, H. *see* Hiruma, K. 91541
Murali, K., Lakshmanan, M., Chua, L.O. The simplest dissipative nonautonomous chaotic circuit 70266
Murali, K.R. *see* Subramanian, V. 66328
Muralidhar, M. *see* Karady, G.G. 78873
Muralikrishna Kumar, C. Standardizing calibration laboratory practices 75828
Muramaatsu, Y. *see* Ohsugi, T. 59069
Muramatsu, J., Kanaya, F. Distortion-complexity and rate-distortion function 95052
Muramatsu, M. *see* Kitagawa, A. 53159
Muramatsu, M. *see* Suyama, M. 82818
Muramatsu, M. *see* Suyama, M. 94271
Muramatsu, M. *see* Yamamoto, K. 59130
Muramatsu, M. *see* Yamamoto, K. 59131
Muramatsu, S., Kiya, H. Resolution conversion method with arbitrary rational values for transform-coded images 51706
Muramatsu, S., Kiya, H. An extended overlap-add method and save method for sampling rate conversion 92388
Muramatsu, S., Suzuki, R., Wei, L., Tanigawa, S. Microvoids in a-Si:H and a-SiGe:H alloys 91594
Muramatsu, T. *see* Tohyama, S. 98089
Muramatsu, T. *see* Yamamoto, T. 72161
Muramoto, M. *see* Yasui, K. 79947
Muramoto, Y. *see* Kato, K. 72594
Muranaka, C.S. *see* Arai, K.I. 72198
Muranaka, S., Oka, Y., Tamada, O. Transformation of amorphous SnO_x films studied by electrical resistivity and optical transmission 55575
Muranaka, Y., Yamashita, H., Miyadera, H. Worldwide status of low temperature growth of diamond 70079
Muranoi, T., Onizawa, S., Sasaki, M. Iodine doping in ZnSe films grown by vapor phase epitaxy 71276
Murao, K., Kohda, T. Switched capacitor circuit for 1/f noise generation using a power-law circuit 61501
Murao, Y. *see* Homma, T. 79886
Murao, Y. *see* Okubo, T. 89544
Murao, Y. *see* Shinzawa, T. 71436
Murao, Y. *see* Suzuki, M. 62530
Muraoka, H. Image Presentation Systems: Hi-Vision Presentation System 75735
Muraoka, H., Nakamura, Y. Artificial domain control of a single-pole head and its read/write performance in perpendicular magnetic recording 72086
Muraoka, H., Nishida, Y., Nakamura, Y. 200 kFRPI data recording using a novel bi-layered head in perpendicular magnetic recording 50368
Muraoka, H. *see* Fujii, H. 72122
Muraoka, H. *see* Nakamura, Y. 72088
Muraoka, H. *see* Osawa, H. 63214
Muraoka, K., Chiba, N., Takahashi, T., Saito, N. Image generation method for seasonal mountain scenery 64602
Muraoka, K. *see* Chiba, N. 64603
Muraoka, K. *see* Toya, A. 78235
Muraoka, M. *see* Fujita, K. 61940
Muraoka, S., Takahashi, K., Sakakima, H. High-frequency permeability of isotropic Co-based amorphous films 72039
Muraoka, T., Kataoka, H., Nakashima, N., Kageyama, Y. Development and practical use of the automatic color and glossiness differences' discrimination system adapted to the dark eyes' color and light sensations 66703
Muraoka, Y. *see* Goto, M. 73935
Muraoka, Y. *see* Sato, T. 61708
Murari, B. Performance ICs in mini format 49569
Murarka, S.P. *see* Ding, P.J. 81579
Murarka, S.P. *see* Lakshminarayanan, S. 81565
Murasaki, M. *see* Kondo, Y. 92452
Murasaki, T. *see* Ando, M. 94959
Murasawa, K., Nishizaki, H., Jyomuta, C., Kimura, N., Obara, H. Subsurface radar with three antenna elements based on scattering theory 86571
Murasawa, K. *see* Shiota, K. 79988
Murase, F. *see* Morinaga, K. 97430
Murase, H., Nayar, S.K. Illumination planning for object recognition in structured environments 84790
Murase, H. *see* Hasegawa, Y. 68897
Murase, H. *see* Masaki, K. 68916
Murase, H. *see* Oyama, M. 68912
Murase, K. *see* Hiyamizu, S. 55595
Murase, K. *see* Ishida, S. 49983
Murase, K. *see* Serikawa, T. 55955
Murase, K. *see* Takahara, J. 71189
Murase, K. *see* Wakayama, S. 93049
Murase, M., Tanaka, Y., Arai, H. Propagation and antenna measurements using antenna switching and random field measurements 75329
Murase, S. *see* Inoue, K. 82501
Murase, S. *see* Inoue, K. 94026
Murase, T., Togasawa, S., Nakano, H., Nabae, A. Reactive power compensation based on neutral line current separating and combining method 89060
Murase, T. *see* Togasawa, S. 59849
Murase, Y. *see* Homma, Y. 59103
Murase, Y. *see* Takao, Y. 79986
Murasugi, K., Taruishi, J., Mori, T., Tanaka, K., Okumura, A., Okazawa, M. Baggage-gathering instruction system 58083
Murata, H., Schnecker, M. Multipath fading measurement in real time 83647
Murata, H., Yoshida, S., Takeuchi, T. Adaptive receiver consisting of MLSE and sector-antenna diversity for mobile radio communications 65704
Murata, H., Yoshida, S., Takeuchi, T. Performance of adaptive equalizer using iterative application of Viterbi algorithm 97091
Murata, H. *see* Fujisaki, H. 73883
Murata, H. *see* Harada, Y. 90190
Murata, H. *see* Okajima, Y. 79765
Murata, J. *see* Uchida, M. 89581
Murata, K., Ishihara, T., Sato, M., Kite, N., Hirano, M. (100) oriented GaAs single crystals grown by boat method 69913
Murata, K., Mizokami, S., Yoshida, H. Multi-address transmission system for still picture via ISDN 52204
Murata, K. *see* Tokumitsu, M. 80855
Murata, K. *see* Yasuda, M. 71439
Murata, M., Hata, R., Hirose, M., Saitoh, K., Kawakami, Y. Fundamental studies on impulse breakdown of oil-impregnated PPLP systems 93758
Murata, M., Miyahara, H. LAN internetworking through broadband ISDN 52153
Murata, M., Yamauchi, K., Kojima, H., Iwamori, T. Positive charge induced by inorganic spin-on-glass. Influence of silicon oxide with high yield of water absorption 62326
Murata, M. *see* Baba, K.-i. 96468
Murata, M. *see* Baba, K.-i. 96792
Murata, M. *see* Hamabe, R. 65263
Murata, M. *see* Hamabe, R. 85788
Murata, M. *see* Hashimoto, J. 72801
Murata, M. *see* Nishiyama, N. 94316
Murata, M. *see* Ohba, Y. 52120
Murata, M. *see* Sakamoto, N. 64939
Murata, M. *see* Shingu, H. 97483
Murata, M. *see* Yano, H. 72657
Murata, M. *see* Yuan-Shing Liu 98722
Murata, N. *see* Javkin, H. 77078
Murata, N. *see* Javkin, H. 98989
Murata, N. *see* Kawashima, H. 98094
Murata, N. *see* Sugawara, M. 98108
Murata, R. *see* Kanai, H. 53370
Murata, R. *see* Tsuchida, N. 60238
Murata, S., Nakao, K., Tanifuji, T., Fuma, M., Arai, M., Nagata, Y., Yamamura, R., Kurihara, S. Dedicated playback MD system chip set 86810
Murata, S., Shionozaki, A., Tokoro, M. A network architecture for reliable process group communication 65073
Murata, S. *see* Aizawa, R. 92269
Murata, S. *see* Iwabuchi, M. 50073
Murata, S. *see* Usami, M. 70567
Murata, S. *see* Yoshida, M. 93680
Murata, T., Fujita, M. A self-steering planar array antenna for satellite broadcast reception 57301
Murata, T., Ogawa, Y. Reliability prediction of electronic equipment using fuzzy inference 69655
Murata, T. *see* Boer, E.R. 48806
Murata, T. *see* Nagata, H. 58561
Murata, Y., Esmailzadeh, R., Takakusaki, K., Sourour, E., Nakagawa, M. Path diversity for FFH/PSK spread-spectrum communication systems 75315
Murata, Y. *see* Hirakawa, H. 82798
Murata, Y. *see* Inagaki, K. 60607
Murata, Y. *see* Taguchi, A. 64644
Murata, Y. *see* Takashima, H. 74574
Murata, Y. *see* Yamamoto, M. 89398

Murata, Y. *see* Yamashita, M. 58248
Murata, Y. *see* Yoshinouchi, A. 93511
Muratikov, K.L. *see* Glazov, A.L. 81460
Muratore, F. *see* Delli Priscoli, F. 52355
Muratore, F. *see* Delli Priscoli, F. 75299
Muratore, F. *see* Missiroli, M. 86100
Muratore, J., Anerella, M., Ganetis, G., Garber, M., Ghosh, A.K., Greene, A., Gupta, R., Jain, A., Kahn, S., Kelly, E., Morgan, G., Prodell, A., Rehak, M., Sampson, W., Shutt, R., Thomas, R., Thompson, P., Wanderer, P., Willen, E. Quench propagation study for full-length RHIC dipole magnets 82419
Muratore, J. *see* Gupta, R. 76648
Muratore, J. *see* Ogitsu, T. 87687
Muratore, J. *see* Thompson, P. 76655
Muratore, J. *see* Wanderer, P. 82421
Muratore, J. *see* Wanderer, P. 82422
Muratori, G. *see* Benetti, P. 67327
Muratori, G. *see* Benetti, P. 67328
Muratori, G. *see* Cennini, P. 67285
Muratori, G. *see* Cennini, P. 76755
Muratsugu, M. *see* Kurosawa, S. 66509
Muravchik, C. *see* Solsona, J. 89874
Murav'ev, O.A. *see* Berlin, V.V. 78482
Murav'ev, V.I. *see* Levchenko, E.V. 53935
Muraviev, S.V. *see* Lebedev, P.K. 67325
Muravjova, I.B. *see* Smirnov, V.V. 73139
Muravyev, V.V., Shalatonin, V.I. Subharmonic bifurcations of a period of oscillation in Gunn diodes with an external harmonic action 55864
Muraya, T. *see* Tamba, N. 92241
Muraya, T. *see* Yoshida, M. 93680
Murayama, A., Kondoh, S., Miyamura, M. Effects of oxide addition on magnetic and structural properties of CoNiPt alloy films 63182
Murayama, A., Miyamura, M., Kondoh, S. Chemical segregation in CoNiPt(SiO_2) alloy film 71957
Murayama, A. *see* Lester, G. 82739
Murayama, K. *see* Nakajima, M. 71464
Murayama, K. *see* Nanto, H. 72579
Murayama, M. *see* Goto, Y. 62799
Murayama, M. *see* Sato, F. 96874
Murayama, N. Document resolution conversion 74469
Murayama, Y., Sakamoto, Y., Iwasa, K., Nakanishi, M., Yoshida, H., Klein, U., Endo, T. Development of the 10-V Josephson junction array at ETL 86834
Murayama, Y., Toda, Y., Hanawa, T. Portable telephones for cellular mobile communications systems 52349
Murazyan, A.L., Tabiryan, N.V., Zel'dovich, B.Ya., Khoo, I.C. Non-Lagrangian nonlinearity and coherent optical wave mixing processes 50952
Murch, F. *see* Niemczura, P. 70992
Murch, M.B. A UTD based anechoic chamber performance model 52637
Murcia, M.de *see* de Murcia, M.
Murdocca, M. *see* Butrym, A.M. 50700
Murdock, B., Kwong, Y.K., Gimlett, J. Superconductive crossbar system for communication applications 52282
Murdock, J. *see* Abbott, M. 70473
Murdock, S. *see* Covey, K. 92043
Mure-Ravaud, A. *see* Pigeon, F. 87231
Murel', A.V. *see* Irin, I.V. 58944
Murere, G., Lefebvre, S., Xuan Dai Do An efficient algorithm for the steady-state analysis of power system models including power electronic components 88957
Muret, P., Lefki, K., Nguyen, T.T.A., Cola, A., Ali, I. Band discontinuities at β-$FeSi_2$/Si heterojunctions as deduced from their photoelectric and electrical properties 71167
Murgal, R., Brayton, R.K., Sangiovanni-Vincentelli, A. Optimum functional decomposition using encoding 80066
Murgatroyd, P.A., Hindley, A.D. The well tempered coil winder 90829
Murgatroyd, P.N., Pudney, C.D., Donoghue, B.J. Reversal of bounds in some dual-bound resistance calculations 94718
Murgulescu, M.-H., Boulouard, A., LeRouzic, M., Legaud, P., Penard, E., Zaquine, T. 38 GHz, coplanar waveguide GaAs MMIC amplifier 92601
Murgulescu, M.-H., Legaud, P., Penard, E., Zaquine, I. New small 90° hybrid coupler 70861
Murgulescu, M.-H., Penard, E., Zaquine, I. Design formulas for generalised 180° hybrid ring couplers 49636
Muriel, M.A. *see* Vizoso, B. 50484
Murillo, N., Gonzalez, J., Cebollada, F., Martin, V.E., Gonzalez, J.M., Schultz, L. Phase distribution and magnetic properties of mechanically alloyed Sm-Fe 50209
Murin, B.P. *see* Andreev, V.G. 67224
Murin, L.I. *see* Komarov, B.A. 55547
Murin, Yu.A. *see* Avdeichikov, V.V. 98537
Murino, P. *see* Castellano, L. 77306
Murino, V., Regazzoni, C.S., Foresti, G.L. Real-time adaptive regulation of a visual camera for automatic investigation of changing environments 98111
Murino, V., Regazzoni, C.S., Trucco, A., Vernazza, G. A noncoherent correlation technique and focused beamforming for ultrasonic underwater imaging: a comparative analysis 86611
Murino, V., Trucco, A. Dynamic focusing by FFT beamforming for underwater 3D imaging 86604
Murino, V. *see* Foresti, G. 64861
Murino, V. *see* Foresti, G.L. 57802
Murino, V. *see* Foresti, G.L. 74274
Murino, V. *see* Foresti, G.L. 84876
Murley, P.C. *see* Srinivasan, G.R. 62944
Murn, R. *see* Torkar, D. 58517
Murn, R. *see* Torkar, D. 75676
Murnane, M.M. *see* Christov, I.P. 94382
Murnane, M.M. *see* Chung-Po Huang 72775
Murnane, M.M. *see* Jianping Zhou 72745
Murnane, M.R., Raymond, C.J., Hatab, Z.R., Naqvi, S.S.H., McNeil, J.R. Developed photoresist metrology using scatterometry 81693
Muro, K. *see* Ohmori, Y. 56015
Muro, K. *see* Shichijyo, S. 73057
Muro, K. *see* Suzuki, K. 94432
Murogov, V.M., Subbotin, V.I., Troyanov, M.F., Ilyunin, V.G., Kagramanyan, V.S., Rabotnov, N.S., Rudneva, V.Ya. The concept of utilizing plutonium in nuclear power engineering 89539
Murogov, V.M. *see* Matveev, V.I. 99839
Murolo, F. *see* Grassi, D. 88039
Muromura, T. *see* Akie, H. 78330
Murooka, K.-I., Itoh, M., Komano, H., Gomei, Y. Improvement in optical transparency of SiC membrane by modulating source gas ratio in chemical vapor deposition 91609
Murooka, M. *see* Toeda, H. 98212
Murooka, Y., Nakano, T. High-sensitive Pockels field sensor with a dielectric mirror 75921
Murooka, Y., Nakano, T., Takahashi, Y., Kawakami, T. Modified Pockels sensor for electric-field measurements 98246
Murota, J., Ono, S. Low-temperature epitaxial growth of Si/$Si_{1-x}Ge_x$/Si heterostructure by chemical vapor deposition 61242
Murota, J. *see* Honma, F. 61243
Murota, J. *see* Yokoo, K. 62058
Murota, J. *see* Yokoo, K. 62066
Murotani, T. *see* Arimoto, S. 100576
Murotani, T. *see* Morikawa, H. 60468
Murotani, T. *see* Saeki, T. 49438
Murotani, T. *see* Sasaki, H. 78825
Murotani, T. *see* Takeshima, T. 61701
Murotani, T. *see* Takeshima, T. 92226
Murowinski, R., Derdall, D., Saddlemyer, L., Stilburn, J., Wooff, R., Gao Linzhuang, Davidge, T. A simple and low-cost infrared imager for the Dominion Astrophysical Observatory 58856
Muroyama, S. *see* Koizumi, Y. 90675
Murozono, I. *see* Kawahara, H. 49911
Murozono, M. *see* Higuchi, H. 100494
Murozono, M. *see* Nakayama, N. 93005
Murphy, A. *see* O'Connell, T. 92617
Murphy, A.T. *see* Goodman, T.W. 93568
Murphy, A.T. *see* Suzuki, K. 83878
Murphy, B. *see* Nche, C.F. 86703
Murphy, C. *see* Abadir, M. 79285
Murphy, C.E., Richardson, T., Roberts, G.G. Thin-film pyroelectric inorganic/organic composites 56151
Murphy, C.F. *see* Sandborn, P.A. 62034
Murphy, C.T. *see* Carrigan, R.A., Jr. 59039
Murphy, D., Miles, K., Oades, G., Augun, A. MAILbus 400: new generation of electronic messaging solutions 85613
Murphy, D.F. *see* Gulbransen, D.J. 66490
Murphy, G.B. *see* Gindorf, T.E. 59438
Murphy, H.G. *see* Crawford, K.S. 60170
Murphy, H.J. *(editor)* Proceedings of the Seventh Annual Conference 'Technology and Persons with Disabilities' 48507
Murphy, J., Murphy, L. Bandwidth allocation by pricing in ATM networks 96419
Murphy, J., Teahan, J. Video source modelling for ATM networks 64912
Murphy, J.B., Krinsky, S. Millimeter wave coherent synchrotron radiation in the SXLS phase I electron storage ring 76858
Murphy, J.B., Reusch, M.F. Application of differential algebra DA tools to magnetic field calculations 98442
Murphy, J.B. *see* Einfeld, D. 59217
Murphy, J.B. *see* Einfeld, D. 66834
Murphy, J.E. *see* Rosa, A. 62238
Murphy, J.J. *see* Wilson, A. 66548
Murphy, J.P., Grimson, R.B. The Jupiter system: an environment for multidatabase interoperability 52070
Murphy, K., Tran, T., de Vries, M., Claus, R., Masri, S. Vibration analysis in simply supported cable using weighted optical fiber sensors 53091
Murphy, K. *see* Claus, R. 52928
Murphy, K. *see* Dowell, D. 76384
Murphy, K. *see* Greene, J. 52908
Murphy, K. *see* Greene, J. 99067
Murphy, K. *see* Gunther, M.F. 91672
Murphy, K. *see* Tran, T. 52924
Murphy, K. *see* Weinstein, S.J. 52922
Murphy, K.A., Gunther, M.F., Wang, A., Claus, R.O., Greene, J., Tran, T. Detection of acoustic emission location using optical fiber sensors 98063
Murphy, K.A., Schmid, C.A., Tran, T.A., Carman, G., Wang, A., Claus, R.O. Delamination detection in composites using optical fiber techniques 91667
Murphy, K.A. *see* Claus, R.O. 52935
Murphy, K.A. *see* Claus, R.O. 98068
Murphy, K.A. *see* Clegg, S.T. 98931
Murphy, K.A. *see* Nasta, M.H. 98072
Murphy, K.A. *see* Rudraraju, S. 91673
Murphy, K.A. *see* Wang, A. 98048
Murphy, K.P. *see* Basu, R.S. 81018
Murphy, K.St.J. *see* Lettington, A.H. 66450
Murphy, L., Kaye, R.J., Wu, F.F. Distributed spot pricing in radial distribution systems 59774
Murphy, L. *see* Murphy, J. 96419
Murphy, M. *see* McAlinden, P. 58332
Murphy, M.M., Jones, G.R. A variable range extrinsic optical fibre displacement sensor 58820
Murphy, M.M., van Herle, J., McEvoy, A.J., Thampi, K.R. Electroless deposition of electrodes in solid-oxide fuel cells 78808
Murphy, M.M. *see* Collins, S.F. 65929
Murphy, N.A. *see* Liu, J. 57658
Murphy, N.P., Krukowski, A., Kale, I. Implementation of wideband integer and fractional delay element 91961
Murphy, P.J. *see* O'Connell, T. 92617
Murphy, R. *see* Sopori, B.L. 100635
Murphy, R.J. *see* Burnett, R.O., Jr. 89019
Murphy, R.J. *see* Herbst, M.D. 81002
Murphy, R.W. *see* Hwang, B. 78927
Murphy, S. Comment. Remarks on the LUC public key system 51339
Murphy, S., Paterson, K., Wild, P. A weak cipher that generates the symmetric group 57374
Murphy, S. *see* Botvich, D.D. 64913
Murphy, S.D. *see* Odom, D.B. 65913
Murphy, T. *see* Turner, A. 98114
Murphy, W.E. *see* Bobrowski, J.C. 55462
Murray, A., Allen, J., Allen, V., Clayton, R.H., McLaughlin, N.B., Relf, G.T. Simplified body-surface electrocardiographic maps with depolarization magnitude and direction 77033
Murray, A., Danaher, S. Low bit rate speech coding for single speakers 64345
Murray, A. *see* Clayton, R.H. 53439
Murray, A.F., Churcher, S., Hamilton, A., Homes, A.J., Jackson, G.B., Reekie, H.M., Woodburn, R.J. Pulse stream VLSI neural networks 61837
Murray, A.F. *see* Hamilton, A. 49605
Murray, B. *see* McElroy, C. 84106
Murray, B. *see* Redman-White, W. 86693
Murray, B.D. Dispensing characteristics of surface mount adhesives 81036
Murray, B.T. *see* Xiaobo Hu 78991
Murray, D., Basu, A. Motion tracking with an active camera 64584
Murray, D. *see* Beardsley, P. 87049
Murray, D. *see* Burgett, W. 98480
Murray, D. *see* McInturff, A.D. 76652
Murray, D.W., Beardsley, P.A. Range recovery using virtual multi-camera stereo 84646
Murray, D.W., Spencer, D.D. Statistical process control testing of electronic security equipment 90937
Murray, G.W. *see* Silva, R.N. 67954
Murray, H. *see* Langlois, P. 94031
Murray, H. *see* Lecoeur, P. 63285
Murray, I.R., Arnott, J.L. A tool for the rapid development of new synthetic voice personalities 98982
Murray, J., Olsen, R., Dabrowski, J. PLL subsystem for NSLS booster ring power supplies 68846
Murray, J. *see* Fu-Fa Chen 64661
Murray, J. *see* Olsen, R. 60311
Murray, J. *see* Olsen, R. 76331
Murray, J. *see* Williams, D. 88671
Murray, J.A. Microalignment of drivers via digital technology 58609
Murray, J.C. Radiation-induced fibrosis: the structure/function relationship 98949
Murray, J.C. *see* Das, I.J. 67651
Murray, J.E. *see* Yohman, E.J. 68894
Murray, J.P., Fletcher, E.A. Reaction of steam with cellulose in a fluidized bed using concentrated sunlight 89567
Murray, J.T., Peyghambarian, N., Powell, R.C., Stolzenberger, R.A., Jie, S., Jassemnejad, B. Phase-matching techniques and frequency-conversion efficiency in optically active crystals 56859
Murray, K., Kershenbaum, A., Shooman, M.L. Communications network reliability analysis approximations and bounds 58004
Murray, K.P., Austin, B.A. Validation of the MININEC3 code for complex radiating structures 50996
Murray, K.P., Austin, B.A. Synthesis of vehicular antenna NVIS radiation patterns using the method of characteristic modes 57264
Murray, K.P. *see* Austin, B.A. 94968
Murray, M.J. *see* Llewellyn-Jones, D.T. 77514
Murray, N. *see* Wang, J.-M. 82776
Murray, N.V. *see* Lu, J.J. 49257
Murray, N.V. *see* Ramesh, A. 55233
Murray, P. *see* Anghinolfi, F. 88228
Murray, P. *see* Anghinolfi, F. 98663

Murray, P. *see* Borer, K. 53347
Murray, P. *see* Borer, K. 98687
Murray, P. *see* French, M.J. 59202
Murray, P.T. *see* Capano, M.A. 61398
Murray, R. *see* Dewdney, A.J. 81231
Murray, R. *see* Ferguson, I.T. 72568
Murray, R. *see* Norman, C.E. 81317
Murray, R.R. *see* Seidel, S.Y. 65670
Murray, S. *see* Flanagan, K.A. 59232
Murray, S. *see* Kenter, A. 59233
Murray, W.H. The five great inventions of twentieth century cryptography 73600
Murray, W.H. Modern cryptography 95094
Murrell, D.L., Seltzer, C.P., Gibbings, C.J., Elton, D.J. A study of 0.98 μm lasers with $Ga_{0.50}In_{0.50}P$ confining layers 63820
Murro, A.M. *see* Cordova, J.E. 98908
Murrow, D.J. *see* Ashe, J.M. 65886
Murrow, D.J. *see* Hershey, J.E. 59529
Murry, K.P., Austin, B.A. Characteristic modal analysis using a Galerkin shell 51218
Murry, R.J. Do your analytic models really yield accurate predictions? 60643
Murry, R.J., Mitchell, B.F. Cost savings from a practical predictive-maintenance program 54431
Murtagh, F. *see* Starck, J.-L. 74549
Murtaza, G., Senior, J.M. Methods for providing stable optical signals in dual wavelength referenced LED based sensors 87241
Murtaza, S. *see* Hasnat, K. 55964
Murtaza, S.S., Campbell, J.C., Bean, J.C., Peticolas, L.J. Asymmetric dual GeSi/Si Bragg mirror and photodetector operating at 632 and 780 nm 87171
Murtaza, S.S., Srinivasan, A., Shih, Y.C., Campbell, J.C., Streetman, B.G. Dual mirror and resonant cavity operating at 1.3 and 1.55 μm 50906
Murtha, J.P. *see* Calero, J. 76056
Murtha, R.B. *see* Ching, G.D. 62372
Murthy, C.A. *see* Chaudhuri, D. 79561
Murthy, C.A. *see* Mandal, D.P. 77654
Murthy, K., Thompson, C.J., Weinberg, I.N., Mako, F.M. Measurement of the coincidence response of very thin BGO crystals 88126
Murthy, K. *see* Thompson, C.J. 53404
Murthy, K.A. *see* Pardalos, P.M. 61128
Murthy, K.M.S. *see* Bohm, S. 86252
Murthy, K.M.S. *see* Bohm, S. 86253
Murthy, K.N.S. *see* Guruprasad, K.P. 90227
Murthy, K.V.V. *see* Pai, K.R. 49528
Murthy, N.Rama *see* Rama Murthy, N.
Murthy, R. *see* Uslu, K.H. 98778
Murthy, S. *see* Cheng Tang 74744
Murthy, S.S. *see* Ghorashi, A.H. 78518
Murthy, T.G.Krishna *see* Krishna Murthy, T.G.
Murthy, V.K.M. *see* Bohm, S. 97191
Murthy, V.R.K. *see* Dias, E.D. 87358
Murti, M.R., Coppye, W., Elgamel, H.E., Ghannam, M., Nijs, J., Mertens, R. Monitoring the high-efficiency silicon solar cell process by lifetime measurements 100480
Murti, V.G.K. *see* Kaliyugavaradan, S. 58909
Murti, V.G.K. *see* Kallyugavaradan, S. 66276
Murti, Y.V.G.S. *see* Krishnamurthy, C.V. 83336
Murtuza, M. *see* Mehta, A. 54509
Murty, A.S.R., Naikan, V.N.A. Inverse distributions in reliability design—a revisit 61030
Murty, C.S. *see* Somayajulu, Y.K. 88788
Murty, K.L. *see* Mahidhara, R.K. 79979
Murty, K.L. *see* Turlik, I. 90975
Murty, K.V.R., Umakantham, K., Murty, S.N., Mouli, K.C., Bhanumathi, A. Hysteresis behaviour and piezoelectric properties of Nb doped PLZT ceramics 56140
Murty, S.N. *see* Murty, K.V.R. 56140
Murty, T.V.R. *see* Somayajulu, Y.K. 88788
Muruyama, M., Nakahira, H., Sakiyama, S., Kohda, T., Maruno, S., Shimeki, Y. Quantizer neuron chip (QNC) with multichip extendable architecture 80537
Murveit, H., Butzberger, J., Digalakis, V., Weintraub, M. Large-vocabulary dictation using SRI's DECIPHER speech recognition system: progressive search techniques 84039
Murzina, T.V. *see* Aktsipetrov, O.A. 94595
Musa, L. *see* Lai, A. 88215
Musa, Y.I. *see* Keri, A.J.F. 68676
Musase, M. LSI failure analysis using emission microscope 50077
Musatov, Yu.V. *see* Khlebalin, Yu.M. 53908
Musatov, Yu.V. *see* Khlebalin, Yu.M. 99943
Musca, C.A. *see* Siliquini, J.F. 75973
Muschitiello, M. *see* Pesce, A. 70368
Musenich, R. *see* Baccaglioni, G. 87617
Musenich, R. *see* Bellomo, G. 67122
Musenich, R. *see* Fabbricatore, P. 82476
Musenich, R. *see* Fabbricatore, P. 87784
Musgrove, F.W. Time-variant statics corrections during interpretation 77235
Musha, M., Zvyagin, A., Nakagawa, K., Ohtsu, M. Development of all-semiconductor laser sources for studies of $^{88}Sr^{+}$ ions confined in RF trap 56753
Mushiga, M. *see* Noda, T. 100190
Mushnikov, N.V. *see* Korolyov, A.V. 50220
Musia, M. *see* Madjar, A. 70858
Musiake, K. *see* Nakaegawa, T. 67859
Musick, S., Malhotra, R. Chasing the elusive sensor manager 88691
Musicki, D., Evans, R. Integrated probabilistic data association in clutter with finite resolution sensor 75598
Musicki, D., Evans, R., Stankovic, S. Integrated probabilistic data association 65874
Musicki, D., Evans, R., Stankovic, S. Integrated probabilistic data association (IPDA) 75555
Musicus, B. *see* Rohlicek, J.R. 84068
Musiejovsky, L. *see* Nicolics, J. 60915
Musilli, C. *see* Amideo, P. 81115
Musin, O.R. Topographic structure of image 85160
Musin, V.V. *see* Kletsel, M.Ya. 78224
Musits, B.L. *see* Taylor, R.H. 67628
Muslu, M., Shultz, R. Inclusion of emission costs in the fuel cost curves for fossil fuel units 78372
Muslu, M. *see* Shultz, R.D. 89006
Musman, S.A. *see* Bachmann, C.M. 57858
Musmann, H.G. Object-oriented analysis-synthesis coding based on source models of moving 2D- and 3D-objects 74411
Musolino, A. *see* Gimignani, M. 51026
Musolino, A. *see* Gimignani, M. 73201
Musolino, A. *see* Gimignani, M. 83500
Mussche, P.L. *see* Yuh-Jen Cheng 72997
Musseau, O., Leray, J.L., Ferlet-Cavrois, V., Coic, Y.M., Giffard, B. SEU in SOI SRAMs—a static model 70478
Musseau, O. *see* Bion, T. 70469
Musseau, O. *see* Brisset, C. 71778
Musseau, O. *see* Coic, Y.M. 71870
Musseau, O. *see* Ferlet-Cavrois, V. 70471
Musseau, O. *see* Flament, O. 93454
Musser, J. *see* Fenker, H. 67313
Musser, J.A. *see* Ahlen, S.P. 59097
Musser, J.A. *see* Bower, C.R. 98499
Musset, O. *see* Boquillon, J.P. 82985
Mussetto, M. *see* Lo, D.C.W. 66312
Mussetto, M. *see* Lo, D.C.W. 83870
Mussienko, Y. *see* Badier, J. 87982
Mussig, H.-J., Kruger, D., Hinrich, S., Hansson, P.O. Negative-differential conductivity measured on a germanium layer on Si(001) 71085
Mussman, H., Liu, S., Samalam, V., Rathke, E., Yuen, M., Chaput, P., Moolenbeek, R., Procanik, M., Feng, J., Gringeri, S., Freudenthal, W., Paige, A., Huang-San Chen, Hartman, S., Tauqir, W. The broadband customer service module (B-CSM): an access and switching module serving SONET OC-12 fiber lines 75424
Musso, A. *see* Baglin, C. 59083
Musso, A. *see* Martin, A. 67356
Musso, J.F. *see* Savelli, G. 78941
Musta, T. *see* Armstead, M. 92265
Mustafin, K.S. *see* Larionov, N.P. 83372
Mustaine, R.E. *see* Schaffer, G. 67132
Mustaphi, K. *see* McLaren, P.G. 78226
Musumeci, L. *see* Cappellini, G. 74640
Musumeci, S., Raciti, A., Testa, A., Galluzzo, A., Melito, M. A new adaptive driving technique for high current gate controlled devices 61531
Musumeci, S. *see* Consoli, A. 54164
Musumeci, S. *see* Licitra, C. 68839
Muta, I., Hoshino, T., Hayashi, K. Fundamental design and electrical characteristics of superconducting commutatorless motor 60166
Muta, I., Tsukiji, H., Nanda, N., Hoshino, T., Mukai, E. The effect of excitation methods on electrical characteristics of fully superconducting generator model 89790
Muta, I. *see* Hoshino, T. 89842
Muta, I. *see* Hoshino, T. 90061
Muta, I. *see* Koga, S. 78995
Muta, K.-I. *see* Kiyotake, K. 65815
Mutabzija, R. Features of the cylindrical electrodes burn through by destructive HF induction heating 69228
Muthaiah, A.B. *see* Attar, G. 90432
Muthukrishnan, S. *see* Thakur, S. 92005
Muthukumar, K. *see* Pittet, A. 90044
Muthusamy, Y.K., Barnard, E., Cole, R.A. Reviewing automatic language identification 95235
Mutikainen, R., Viitanen, V.-P., Nenonen, S. Large-area pressure-enduring entrance windows for soft X-ray regime 67401
Mutikainen, R. *see* Viitanen, V.-P. 98721
Mutka, M.W. Using rate monotonic scheduling technology for real-time communications in a wormhole network 96250
Mutlow, C.T. *see* Llewellyn-Jones, D.T. 77514
Mutlow, C.T. *see* Zavody, A.M. 77449
Muto, J. *see* Edamura, T. 79889
Muto, N., Yanagida, H., Nakatsuji, T., Sugita, M., Ohtsuka, Y., Arai, Y., Saito, C. Intelligent CFGFRP composites with self-diagnostic function for preventing fatal fracture 61436
Muto, S. Combinatorial optimization problems in power systems 77856
Muto, S., Inata, T. InGaAs-based resonant tunnelling barrier structures grown by MBE 62661
Muto, S., Sato, H., Hosaka, T. Optical humidity sensor using fluorescent plastic fiber and its application to breathing-condition monitor 98042
Muto, S. *see* Matsui, K. 67995
Muto, S. *see* Sakuma, Y. 91540
Muto, S. *see* Takatsu, M. 92124
Muto, S. *see* Yokoyama, N. 70457
Mutoh, A. *see* Suganuma, H. 92658
Mutoh, H. *see* Sugawara, T. 50351
Mutoh, N., Orihara, K., Kawakami, Y., Nakano, T., Kawai, S., Murakami, I., Tanabe, A., Suwazono, S., Arai, K., Teranishi, N., Furumiya, M., Morimoto, M., Hatano, K., Minami, K., Hokari, Y. A 1/4 inch 380 k pixel IT-CCD image sensor employing gate-assisted punchthrough read-out mode 98090
Mutoh, N. *see* Morimoto, M. 97662
Mutoh, N. *see* Orihara, K. 66047
Mutoh, S. *see* Matsuya, Y. 50092
Mutou, K. *see* Kamijo, K. 52729
Mutou, K. *see* Naitou, H. 53276
Mutsaers, C.M.J. *see* de Leeuw, D.M. 93270
Mutsuo, N. *see* Hatanaka, Y. 54100
Mutungi, M.J. *see* McCarthy, D.K. 83665
Mutz, M. An automatically verified generalized multifunction arithmetic pipeline 92008
Mutzner, J. *see* Aebischer, B. 89179
Muxiang Zhang *see* Zhang Muxiang
Muylder, M.van *see* van Muylder, M.
Muys, W., Mortier, M.F.R. Numerical simulation of clipping induced distortion in externally modulated lightwave AM-SCM systems 75417
Muys, W. *see* Loesch, K. 52508
Muyu Zhao *see* Zhao Muyu
Muzhitskii, V.F. *see* Bakunov, A.S. 55017
Muzhong Wang *see* Qiang Wang 95098
Muzi, F. *see* Casale, A. 79044
Muzio, J.C. *see* Dubrova, E.V. 55246
Muzychuk, O.V. *see* Mishanina, M.G. 49182
Muzzi, F. *see* Giordano, G. 83223
Myachin, V.E. *see* Alekseev, A.N. 91451
Myachin, V.E. *see* Karpov, S.Y. 70027
Myae, E.A. *see* Asseev, A.A. 66935
Myae, V.A. *see* Asseev, A.A. 66933
Myagkov, V.I. *see* Volyar, A.V. 56364
Myakinin, V.A. *see* Golembeovskii, Yu.V. 72999
Myakin'kov, V.Y. *see* Kovtunov, D.A. 80165
Myakushko, A.V. *see* Trokhimenko, Ya. L. 70276
Myasin, Ye.A., Chigarev, S.G., Yevdokimov, V.V. Model of the electrodynamic system of an orotron as a system of two coupled resonators 49742
Myasin, Ye.A., Chigarev, S.G., Yevdokimov, V.V., Lytkina, T.A. Nonlinear orotron theory, taking the spatial limitation of the electrodynamic system into account 92894
Myasnikov, A.M., Obodnikov, V.I., Seryapin, V.G., Tishkovskii, E.G., Fomin, B.I., Cherepov, E.I. Formation of a layered structure in the distribution of boron atoms initiated in silicon by ion implantation 81453
Myasnikov, A.M. *see* Kuryshev, G.L. 55708
Myasoedov, A.V. *see* Buinov, N.S. 58760
Myatt, L. *see* Hassenzahl, W.V. 82468
Myatt, R. *see* Deis, G. 87958
Myatt, R. *see* Heim, J. 88070
Myatt, R.L. Finite element analysis of the TPX toroidal field coil system 82471
Myatt, R.L., Marston, P.G. Coupled electromagnetic structural analysis of a DC magnet for a MHD power generator 90455
Myatt, R.L., Pillsbury, R.D., Jr., Smith, B.A. Electromagnetic analyses of the GEM detector magnet system for SSC 88071
Myatt, S. *see* Deis, G. 87958
Myatt, S. *see* Heim, J. 88070
Myatt, S.J. *see* Smith, B.A. 82465
Myburg, G., Auret, F.D., Meyer, W.E., Burger, H. Fermi level pinning by various metal Schottky contacts on (100) OMVPE-grown n-GaAs 81360
Myburg, G. *see* Auret, F.D. 55564
Myburg, G. *see* Goodman, S.A. 81227
Mycielski, W., Staryga, E., Lipinski, A., Mitura, S., Sokolowska, A. Open-circuit mode drift mobility measurements in DLC films 81175
Mydosh, R.J. *see* Aidarous, S. 51979
Myeong Kyoo Doh *see* Jong Hwa Lee 66039
Myeong-Hwan Lee, Jeong-Hoon Kim, Jeong-Sang Lee, Kyeong-Keol Ryu, Dong-Il Song A new algorithm for interlaced to progressive scan conversion based on directional correlations and its IC design 66024
Myeong-Hwan Lee *see* Ki-Bum Kim 86658
Myeong-soo Oh, Dae-won Kim, Dong-seok Jeong Face identification system using facial features and counter-propagation network 74543
Myer, D. Design linear feedforward amps for PCN systems 97050
Myer, D.P. A multicarrier feed-forward amplifier design 97117
Myers, D. *see* Naylor, D. 49601
Myers, D.J. Communication technology and social movements: contributions of computer networks to activism 58188
Myers, D.P. *see* Kelly, J.J. 60290
Myers, D.R., Cannon, T.W., Trudell, D. Technical overview of photovoltaic solar radiation research at NREL 90416
Myers, D.R. *see* Armendariz, M.G. 72557
Myers, D.R. *see* Sharma, A.K. 58773
Myers, F. *see* Merz, W. 76394
Myers, I.T. *see* Ray, B. 99110
Myers, J.F. *see* Scheps, R. 63979
Myers, J.F. *see* Scheps, R. 72955
Myers, J.F. *see* Scheps, R. 83003
Myers, J.F. *see* Scheps, R. 83007
Myers, L. *see* Boiarsky, C. 90808

Myers, P.S. Reducing transportation fuel consumption – How far should we go? 78945
Myers, R.A. *see* Mukherjee, N. 50919
Myerson, G. What the least common multiple divides 69724
Myerson, R.J. *see* Moros, E.G. 98946
Mygind, J. *see* Doderer, T. 93928
Mygind, J. *see* Holm, J. 56270
Mygind, J. *see* Kaplunenko, V.K. 80557
Mygind, J. *see* Koshelets, V.P. 50406
Mygind, J. *see* Koshelets, V.P. 50407
Mygind, J. *see* Ovsyannikov, G.A. 50417
Myhre, D. *see* Royset, A. 56742
Myken, S., Jagd, A., Dittmann, L. String mode – a versatile interconnection network for ATM 65065
Mykolaitis, H. Cyclic magnetization noise of nonlinear ferromagnetic cores 63156
Myler, H.R. *see* Weeks, A.R. 51710
Myler, H.R. *see* Weeks, A.R. 64636
Myler, H.R. *see* Weeks, A.R. 85115
Myles, K.M. *see* Krumpelt, M. 60444
Myllyla, R.A. *see* Makynen, A.J. 58500
Myllyla, R.A. *see* Vainshtein, S.N. 81846
Myl'nikov, M.Yu. *see* Genkin, V.N. 81674
Mylnikov, V. Photoconducting polymers in photonics 56522
Mylrea, K.C. *see* Ostheimer, M.W. 60785
Mynbaev, D.K. Errors of an inertial navigation unit caused by ring laser gyros errors 67715
Mynbaeva, M.G. *see* Evstropov, V.V. 49816
Mynk, J., Grippe, J., Cutler, R.I., Rodriguez, R. Overview and status of RF systems for the SSC linac 67179
Myong-Soon Park *see* Jin-Ho Lee 92180
Myong-Wook Kim *see* Yim-Kul Lee 50955
Myoren, H. *see* Chen, J. 82354
Myoren, H. *see* Nakajima, K. 72233
Myoung Ho Lee *see* Je Suk Lee 77002
Myoung Soo Park *see* Chait, Y. 97730
Myoung-Sam Ko *see* Seok-Hee Han 97936
Myoung-Won Kim *see* Kwang-Hyun Park 71835
Myoungsik Cha, Torruellas, W., Stegeman, G., Hong Xiang Wang, Takahashi, A., Mukamel, S. Spectroscopic investigations of the nonlinear response of poly (4-BCMU) films 94616
Myoupo, J.-F. *see* Cerin, C. 61764
Myron Xu, Jianming Tao, Mukkamala, R. Representing monitored systems: a critical process in data collection 66140
Mysak, R.T. *see* Palenichka, R.M. 84874
Myslik, V. *see* Machac, P. 71195
Myslik, V. *see* Matal, M. 72547
Myslinski, P. *see* Barnard, C. 82972
Mysykov, A. *see* Bar'yakhtar, V. 67407
Mytsykov, A. *see* Androsov, V. 76390
Mytsykov, A. *see* Efimov, S. 76546
Mytsykov, A.O. *see* Bulyak, E.V. 76573
Mytsykov, A.O. *see* Bulyak, E.V. 87795
Myuller, R. *see* Averin, S.V. 63582
Myung Goo Kang, Joon Hee Han Feature evaluation and classification of complex 2-D shapes 57824
Myung Hak Hwang *see* Sung Ki Kim 70141
Myung Hwan Oh *see* Kun Chang Oh 70335
Myung Hwan Oh *see* Tae Song Kim 82162
Myung Jin Choi *see* Young Il Kang 76783
Myung Joong Youn *see* Byeong Rim Jo 61557
Myung Joong Youn *see* Byeong Rim Jo 90213
Myung Joong Youn *see* Gun Woo Moon 90212
Myung Joong Youn *see* Gun Woo Moon 100828
Myung Joong Youn *see* Hee Wook Ahn 90666
Myung Joong Youn *see* Jong Sun Ko 89836
Myung Kim Sang *see* Sang Myung Kim
Myung Noh-Hoon *see* Noh-Hoon Myung
Myung Sai Chung *see* Tai Hyun Yoon 83100
Myung Sik Kim *see* Kun Chang Oh 70335
Myung Su Kim *see* Dal Hwan Yoon 75170
Myung-Hun Choi, Asano, S., Jusheng Ji An ATM connecting network – the batcher-cyclic bus network 57936
Myung-Joong Youn *see* Joong-Ho Song 90521
Myung-Joong Youn *see* Jung-Hoon Lee 90048
Myung-Seon Kim, Jin-Woong Kim, Jun-Mo Kim, Yeo-Song Seol, Hae-Sung Park, Soo-Han Choi Magnetically enhanced reactive ion etching of silylated resist in O_2/Ar mixtures 62589
Myungho Kim *see* Yunho Choi 49427
Myungho Kim *see* Yunho Choi 70553
Myungsik Yim *see* Jechang Jeong 86735
Myznikov, K. *see* Rybakov, E. 76657
Myznikov, K.P. *see* Andreev, N.I. 76575
Myznikov, K.P. *see* Baibekov, V.I. 76574
Mzerd, A., Sayah, D., Tedenac, J.C., Boyer, A. Optimal crystal growth conditions of thin films of Bi_2Te_3 semiconductors 61306
Mzerd, A., Sayah, D., Tedenac, J.C., Boyer, A. Crystal growth of Bi_2Te_3 on single-crystal substrate Sb_2Te_3 by molecular beam epitaxy 91535
Mzhavia, D.A. *see* Baranov, V.A. 76849

N, J.Azorin *see* Azorin N, J.
N., J.C.Hadler *see* Hadler N., J.C.

Na, Y.J. *see* Kim, T. 95467
Na Zhou *see* Bing-Zhong Wang 57077
Na-Xin Wang *see* De-Gui Sun 72504
Na-Xin Wang *see* De-Gui Sun 94228
Nabae, A., Nakano, H., Okamura, Y. A novel control strategy of the inverter with sinusoidal voltage and current outputs 100272
Nabae, A. *see* Arai, S. 78716
Nabae, A. *see* Ikegami, N. 61564
Nabae, A. *see* Matsui, M. 68721
Nabae, A. *see* Murase, T. 89060
Nabae, A. *see* Okamura, Y. 78715
Nabae, A. *see* Togasawa, S. 59849
Nabavi-Lishi, A., Rumin, N.C. Inverter models of CMOS gates for supply current and delay evaluation 80275
Naberhuis, S.L. *see* Anthony, T.C. 72131
Nabesima, H. *see* Saeki, T. 97044
Nabet, B., Paolella, A., Cooke, P., Lemuene, M.L., Moerkirk, R.P., Liou, L.-C. Intermediate temperature molecular beam-epitaxy growth for design of large-area metal-semiconductor-metal photodetectors 66342
Nabeta, O. *see* Kawate, K. 82831
Nabeta, S.I., Foggia, A., Coulomb, J.-L., Reyne, G. A time-stepped finite-element simulation of a symmetrical short-circuit in a synchronous machine 89845
Nabeta, T. *see* Fujiwara, H. 61251
Nabeta, T. *see* Fujiwara, H. 79846
Nabetani, Y., Ishikawa, T., Noda, S., Sasaki, A. Initial growth stage and optical properties of a three-dimensional InAs structure on GaAs 69977
Nabetani, Y. *see* Lin, X.W. 79843
Nabha, A.M. *see* Hassoun, M.H. 61820
Nabiev, R. *see* Wu, U.A. 83096
Nabiev, V.U., Utyuzhnikov, S.V., Yamaleev, N.K. Efficient numerical method for determination of ballistic trajectory of hypersonic axisymmetric bodies flying through the stratified atmosphere 88923
Naboicheck, S., Ems, S. A 5 GHz sampling oscilloscope front-end based on HBTs 49663
Nabors, C.D. Effects of phase errors on coherent emitter arrays 50913
Nabors, K., Korsmeyer, F.T., Leighton, F.T., White, J. Preconditioned, adaptive, multipole-accelerated iterative methods for three-dimensional first-kind integral equations of potential theory 54789
Nabout, A., Gerhards, R., Su, B., Nour Eldin, H.A., Kuhbauch, W. Plant species identification using fuzzy set theory 57818
Nabulsi, K.A., Wait, J.R. Localizing the spatial and temporal electromagnetic fields on the axis of a lossy cylinder 64061
Naby, M.Abdel *see* Abdel Naby, M.
Nacaroglu, A., Koksal, M. Analysis of the effect of periodic fluctuation of switching instants on the transfer characteristics of switched capacitor networks 49128
Nacash, R. *see* Gingrich, D. 53291
Naccache, D., M'Raihi, D. Montgomery-suitable cryptosystems 73640
Naccarella, S. *see* Bosacchi, A. 55885
Nachaliel, E. *see* Xiao, Q.F. 88297
Nachbor, S., Strickland, P. Qualifications of semi-aqueous cleaning technology for avionics electronics and production optimization using a design of experiments 92765
Nachbor, S. *see* Strickland, P. 81066
Nachlas, J.A. *see* Cassady, C.R. 54639
Nachman, R., Chen, G., Reilly, M.T., Wells, G.M., Wallace, J., Li, H.H., Krasnoperova, A.A., Anderson, P., Brodsky, E., Ganin, E., Campbell, S.A., Taylor, J.W., Cerrina, F. X-ray lithography processing at CXrL from beamline to quarter-micron NMOS devices 81592
Nacken, P.F.M. Openings can introduce zero crossings in boundary curvature 64784
Nacken, P.F.M. Chamfer metrics in mathematical morphology 74254
Nackman, L.R., Srinivasan, V. Point placement algorithms for Delaunay triangulation of polygonal domains 69889
Naclerio, N.J. Developing a merchant MCM infrastructure 54513
Nad, R. Intermodulation distortion estimation of small signal amplifiers 61573
Nad, R. Small signal RF amplifier distortion analysis using Volterra series representation 80144
Nad, R. Measuring Volterra kernels in weakly non-linear systems 91867
Nada, N. *see* Yamada, M. 73118
Nadadur, D.C. *see* Ramesh, V. 74604
Nadai, A. *see* Ohno, Y. 77456
Nadas, A. *see* Bellegarda, J.R. 64366
Nadas, A. *see* Das, S. 73848
Nadav, I., Ross, S., Kanyo, M., Westbrook, E., Westbrook, M. Characterization of CCD-based imaging X-ray detectors for diffraction experiments 88303
Nadav, I., Westbrook, E.M., Westbrook, M.L., Travis, D.J., Stanton, M., Phillips, W.C., O'Mara, D., Juanhui Xie Characterization and data collection on a direct-coupled CCD X-ray detector 88311
Nadav, I. *see* Phillips, W. 58843
Nadaya, N. *see* Waguri, S. 58095
Nadazdy, V. *see* Pincik, E. 71360
Nadazdy, V. *see* Pincik, E. 81538
Nadeau-Dostie, B., Burek, D., Hassan, A.S.M. ScanBist: a multifrequency scan-based BIST method 58639
Nadeem, S., Sodini, C.G., Hae-Seung Lee 16-channel oversampled analog-to-digital converter 80407
Nadel, S.M. Using utility demand-side management programs to spur the development of more efficient appliances 79036
Nader-Esfahani, S. *see* Ghavami, M. 65491
Naderi, A. 'Through-quartz' metrology in an automated chemical process 62563
Naderi, M., Honary, B., Markarian, G. Low-complexity soft maximum likelihood decoding of RLL/FEC codes 51334
Nadji, A. *see* Level, M.P. 66833
Nadkarni, A. *see* Chran-Ham Chang 85707
Nadler, R.J. *see* Grimes, G.J. 94314
Nado, G. *see* Wadsworth, M.V. 98088
Nadoli, G., Rangaswami, M. An integrated modeling methodology for material handling systems design 69534
Nadolski, R. Frequency domain characteristics of solid rotor turbogenerator's complex reactance 89782
Nadolski, R., Fleszar, J., Sliwinska, D. Frequency characteristics of the operator reactance of an induction linear motor with a solid double-layer rotor 100140
Nadzhafov, H.I. *see* Dzhafarov, T.D. 68999
Nadziejka, D.E. The levels of editing are upside down 90803
Naemura, M. *see* Gohshi, S. 66043
Nafalski, A., Frost, D.C. Study of an amorphous alloy core transformer 68671
Nafe, H. Conclusions on the electronic conductivity of Na-β-alumina from the behaviour of a potentiometric CO_2 sensor comprising Na-β-alumina as electrolyte 66590
Nafe, H. The feasibility of a potentiometric CO_2 sensor based on Na-beta-alumina in the light of the electronic conductivity of the electrolyte 98168
Nafie, M., Marvasti, F. DSP implementation of recovery of speech with missing samples 51413
Nafpliotis, N. *see* Horn, J. 91315
Naftaly, M. *see* Hewak, D.W. 56726
Nag, B. *see* Goswami, B. 88481
Nag, P.K., Moral, M.N.A. An experimental study of the effect of pin fins on heat transfer in circulating fluidized beds 60078
Nag, S.K., Rutenbar, R.A. Performance-driven simultaneous place and route for row-based FPGAs 91981
Nag, S.S. *see* Dawson, R.M.A. 100550
Nag, S.S. *see* Dawson, R.M.A. 100696
Nagabhushana, G.R. *see* Sanjaynath, V.V. 73221
Nagabuchi, H. *see* Itoh, K. 51416
Nagabuchi, H. *see* Takahashi, A. 58607
Nagadi, M.M. *see* Naqvi, A.A. 67309
Nagae, T., Agui, T., Nagahashi, H. Object surface construction from volume data with appropriate topology 84749
Nagae, T. *see* Koga, S. 93964
Nagae, Y. *see* Mikami, Y. 53000
Nagae, Y. *see* Sasaki, T. 94211
Nagaenko, M. *see* Efimov, S. 76546
Nagafuchi, T. *see* Shibata, S. 98487
Nagafuchi, T. *see* Yonehara, H. 76341
Nagahama, K. *see* Kuroiwa, S. 52280
Nagahara, T. *see* Ikuno, Y. 61121
Nagahashi, H. *see* Agui, T. 96005
Nagahashi, H. *see* Nagae, T. 84749
Nagahiro, Y. *see* Matsumoto, T. 79855
Nagahori, T. *see* Matsubara, T. 86021
Nagahori, T. *see* Matsubara, T. 94308
Nagai, A., Yamaguchi, K., Sagayama, S., Kurematsu, A. ATREUS: a comparative study of continuous speech recognition systems at ATR 73865
Nagai, A. *see* Ichikawa, S. 85425
Nagai, A. *see* Ueda, K. 74842
Nagai, H., Kume, M., Yoshikawa, A., Itoh, K. Noise characteristics of a Nd:YVO_4 laser pumped by laser diode modulated at high frequency 83002
Nagai, K. *see* Akimaru, H. 57950
Nagai, K. *see* Chang, J.S. 68419
Nagai, K. *see* Kataoka, H. 76932
Nagai, K. *see* Kido, J. 56559
Nagai, K. *see* Murakawa, T. 89636
Nagai, K. *see* Okuno, A. 54540
Nagai, K. *see* Sakata, I. 55254
Nagai, K. *see* Ushikubo, T. 58371
Nagai, M., Kudo, T., Shiraiwa, Y. Development of oil leak sensor 66294
Nagai, M. *see* Itoh, K. 58258
Nagai, M. *see* Itoh, S. 72879
Nagai, M. *see* Matsui, M. 68721
Nagai, M. *see* Nagumo, T. 91991
Nagai, N. A restatement on applications of electrical considerations for one-dimensional wave phenomena 61817
Nagai, N. *see* Haseyama, M. 64564
Nagai, N. *see* Matsuzaki, H. 51426
Nagai, N. *see* Miki, N. 64398
Nagai, N. *see* Ren, J. 62628
Nagai, N. *see* Sanada, H. 81995

Nagai, N. *see* Takano, M. 51972
Nagai, R. *see* Hisamoto, D. 55988
Nagai, R. *see* Hisamoto, D. 62844
Nagai, R. *see* Ishii, T. 93590
Nagai, R. *see* Matsuura, T. 92423
Nagai, R. *see* Sawamura, M. 50881
Nagai, R. *see* Takao, M. 50882
Nagai, S., Nagura, H., Nakaoka, M., Okuno, A. High-frequency inverter with phase-shifted PWM and load-adaptive PFM control strategy for industrial induction-heating 69231
Nagai, S., Nakaoka, M. An advanced constant frequency phase-shifted soft-switching PWM high-frequency series resonant full-bridge inverter 55113
Nagai, S., Nakaoka, M. Evaluations of voltage-fed series-resonant half-bridge inverter with lossless capacitor snubbers operating under sinusoidal resonant output current condition 68870
Nagai, S., Yonemori, H., Nakaoka, M. Constant frequency phase-shift PWM high-frequency full-bridge inverter operating at load resonant ZCS and ZVS hybrid mode 91880
Nagai, S. *see* Aiai, H. 91774
Nagai, S. *see* Okuno, A. 100948
Nagai, S. *see* Okuno, P. 68719
Nagai, T. *see* Hara, T. 68274
Nagai, T. *see* Kusui, S. 99786
Nagai, T. *see* Sekioka, S. 78175
Nagai, T. *see* Tomita, K. 58913
Nagai, Y., Hyodo, T. Position sensitive scintillation detector for γ-rays using a GSO crystal 98514
Nagai, Y., Sugauchi, K., Suzuki, M. Verification of an optimal scope-patterns decision method for OSI management operation 52013
Nagai, Y., Sugauchi, K., Suzuki, M. An optimal scope-pattern decision method for OSI management operations 96469
Nagai, Y., Suzuki, N., Michikami, O. Properties of thin-film thermal switches for high-T_c superconductive filter 92513
Nagai, Y. *see* Hayashi, T. 82512
Nagai, Y. *see* Ichimura, N. 51663
Nagai, Y. *see* Kawamae, O. 80382
Nagai, Y. *see* Kobayashi, S. 92855
Nagai, Y. *see* Shigihara, K. 83057
Nagai, Y. *see* Suzuki, N. 50438
Nagaishi, H., Nakahara, K., Hasegawa, H., Nishino, T. Design and operation of Josephson circuits using HUFFLE gates with a stacked structure 82393
Nagaishi, T. *see* Itozaki, H. 93958
Nagaishi, T. *see* Tanaka, S. 98810
Nagaitsev, S. *see* Anderson, D. 87831
Nagaitsev, S. *see* Ellison, M. 66909
Nagaitsev, S. *see* Syphers, M.J. 66966
Nagaitsev, S. *see* Wang, Y. 66910
Nagaitsev, S.S. *see* Ellison, T.J.P. 87877
Nagaki, Y., Taniguchi, A., Tsukamoto, T., Tanimoto, T. System to measure the chromatic dispersion of optical fibers 82542
Nagakura, H. *see* Hogari, K. 63423
Nagamatsu, L. *see* Morishita, I. 76068
Nagamatsu, M. *see* Ikumi, N. 92283
Nagamatsu, T. *see* Demura, T. 92280
Nagamatsu, T. *see* Matsui, M. 97632
Nagamine, F., Shimokawa, R., Suzuki, M., Abe, T. New solar simulator for multi-junction solar cell measurements 100678
Nagamine, F. *see* Igari, S. 94265
Nagamine, F. *see* Shimokawa, R. 100578
Nagamine, K., Matsuzaki, T., Ishida, K., Watanabe, I., Kadono, R., Eaton, G.H., Jones, H.J., Thomas, G., Williams, W.G. Construction of RIKEN-RAL muon facility at ISIS and advanced μSR 76398
Nagamine, K., Miyake, Y., Birrer, P., Shimomura, K., Iwasaki, M., Kuga, T., Marangos, J. Ultra-slow muon facility for advanced μSR studies 76397
Nagamine, T. *see* Abe, K. 88115
Nagamine, T. *see* Antilogus, P. 59064
Nagamine, T. *see* Antilogus, P. 59127
Nagamine, T. *see* Hoshi, Y. 88113
Nagamine, T. *see* Oyama, K. 98567
Nagamine, T. *see* Shimamura, T. 74182
Nagamiya, S. *see* Kurata, M. 98524
Nagamune, Y. *see* Arakawa, T. 50809
Nagamune, Y. *see* Koshiba, S. 79862
Nagamura, T. Optical memory by novel photoinduced electrochromism 56311
Naganathan, N.G. *see* Onders, J.P. 82213
Naganathan, N.G. *see* Sreeram, P.N. 82183
Nagano, H., Tasaka, S. Performance analysis of a finite-buffered DQDB station 96607
Nagano, H. *see* Fan, R. 96913
Nagano, H. *see* Sangawa, U. 81731
Nagano, M., Iwai, S., Nemoto, K., Aoyagi, Y. Atomic layer epitaxy of AlAs using dimethylethylamine alane 91475
Nagano, N. *see* Nakazawa, N. 86719
Nagano, S. *see* Kiyohara, M. 71855
Nagano, S. *see* Maeda, K. 77572
Nagano, T., Shukuri, S., Hiraki, M., Minami, M., Watanabe, A., Nishida, T. What can replace BiCMOS at lower supply voltage regime? 63036
Nagano, T. *see* Fukami, A. 71833
Nagano, T. *see* Ishibashi, K. 70536
Nagano, T. *see* Koyama, M. 60525
Nagano, T. *see* Yamanaka, T. 70510
Nagano, Y. *see* Arita, K. 50138
Nagano, Y. *see* Maki, A. 70547
Nagano, Y. *see* Nakahira, H. 80529
Nagano, Y. *see* Sumi, T. 93798
Naganuma, H. *see* Kumagai, M. 97843
Naganuma, J., Ogura, T., Hoshino, T. High-level design validation using algorithmic debugging 49225
Naganuma, K. *see* Asobe, M. 56908
Nagao, M., Egami, M., Harada, K. Sine wave PWM inverter using zero current switching at turn-on 60325
Nagao, M. *see* Ieda, M. 93761
Nagao, M. *see* Krahenbuhl, F. 82163
Nagao, M. *see* Matsumoto, T. 72250
Nagao, N. *see* Otsuka, M. 51903
Nagao, T. *see* Agui, T. 96005
Nagao, T. *see* Urahama, K. 61827
Nagao, T. *see* Yan Jiafeng 64708
Nagao, Y. *see* Nishimura, K. 69989
Nagao, Y. *see* Nishimura, K. 94486
Nagao, Y. *see* Terai, H. 92251
Nagao, Y. *see* Yamao, Y. 65709
Nagaoka, A. *see* Ohno, H. 78122
Nagaoka, H. *see* Shoiya, H. 64251
Nagaoka, K. *see* Ueno, M. 90835
Nagaoka, M., Inoue, T., Kawakyu, K., Obayashi, S., Kayano, H., Takagi, E., Tanabe, Y., Yoshimura, M., Ishida, K., Kitaura, Y., Uchitomi, N. High-efficiency monolithic GaAs power MESFET amplifier operating with a single low voltage supply for 1.9-GHz digital mobile communication applications 92572
Nagaoka, M. *see* Kimura, S. 97215
Nagaoka, N. *see* Masakawa, T. 91693
Nagaoka, S. *see* Kawahito, S. 67462
Nagar, R. *see* Shtaif, M. 83306
Nagaraj, B.K. *see* Siew-Wei Chin 54536
Nagaraj, G., Zacharia, K.P. Traveling microscope measures frequency response of loudspeakers 86807
Nagaraj, K. Frame relaying interworking 65427
Nagaraj, K., Walden, R.W., Offord, G.E., Lewis, S.H., Sabnis, J.A., Peruzzi, R.O., Barner, J.R., Plany, J., Mento, R., Rakshani, V.J., Hull, R.W. A median peak detecting servo analog processor for hard disk drives 70782
Nagaraja, G. *see* Oberoi, S. 69740
Nagaraja, K. *see* Agrawal, S.K. 82191
Nagaraja, K. *see* Agrawal, S.K. 82206
Nagarajah, C.R. *see* Douglas, P. 54998
Nagarajah, C.R. *see* Jolic, K.I. 66676
Nagarajan, A. *see* Khera, D. 62954
Nagarajan, R. Carrier transport effects in quantum well lasers: an overview 94474
Nagarajan, R., Bowers, J. High speed optoelectronic devices 82895
Nagarajan, R., Tauber, D., Bowers, J.E. High speed semiconductor lasers 94493
Nagarajan, R. *see* Ishikawa, T. 94482
Nagarajan, R. *see* Rangchen Yu 72890
Nagarajan, R. *see* Tauber, D. 83138
Nagarkar, V., Entine, G., Stoppel, P. Flight prototype of a solid state neutron dosimeter for space applications 88584
Nagarkar, V., Entine, G., Stoppel, P. Flight prototype of a solid state neutron dosimeter for space applications 98651
Nagasaka, E., Hara, S., Yokota, Y., Usui, S. Measurement of the spatial distribution of human electroretinogram with random dot pattern stimuli 88482
Nagasaka, N. *see* Iwabuchi, N. 68580
Nagasaki, T. *see* Hijikata, K. 79417
Nagasawa, H. *see* Mameno, K. 49875
Nagasawa, H. *see* Okuyama, H. 81595
Nagasawa, M., Mukumoto, K., Fukuda, A. Meteor burst broadcast systems with repeating scheme 86308
Nagasawa, M., Mukumoto, K., Fukuda, A. Analysis of meteor burst communication systems with n pairs of stations 97219
Nagasawa, M. *see* Yokoyama, E. 66088
Nagasawa, N. *see* Hasuo, M. 73032
Nagasawa, S., Hashimoto, Y., Numata, H., Tsuchida, S., Tahara, S. 380 ps, 9.5 mW Josephson 4 Kbit RAM 55268
Nagasawa, S., Tahara, S., Numata, H., Hashimoto, Y., Tsuchida, S. A resistor coupled Josephson polarity-convertible driver 92199
Nagasawa, S., Tahara, S., Numata, H., Tsuchida, S. A miniaturized vortex transitional memory cell for a Josephson high-speed RAM 61732
Nagasawa, T., Deno, K., Yoshimi, M., Matsunaga, K., Itou, K. New current differential protection and fault location scheme for multi-terminal lines 89354
Nagasawa, T. *see* Hayashi, S. 60017
Nagasawa, T. *see* Sheldon, I. 97696
Nagasawa, Y. *see* Aizawa, T. 72369
Nagase, K. *see* Uruga, K. 60581
Nagase, M., Hara, T., Uchida, S., Asakura, Y. Structural material anomaly detection system using water chemistry data. VIII. Water chemistry simulator and its application to resin intrusion 89469
Nagase, M. *see* Akazawa, H. 69969
Nagase, M. *see* Hotta, N. 97213
Nagase, M. *see* Takai, Y. 49421
Nagase, M. *see* Takai, Y. 70550
Nagase, R., Himeno, A., Okuno, M., Kato, K., Yukimatsu, K.-I., Kawachi, M. Silica-based 8×8 optical matrix switch module with hybrid integrated driving circuits and its system application 96936
Nagashima, A. *see* Azadegan, F. 86791
Nagashima, A. *see* Imanishi, M. 98363
Nagashima, M. *see* Kawase, M. 79898
Nagashima, M. *see* Yamashita, T. 87510
Nagashima, N., Date, M., Wakabayashi, J., Kawaji, S., Yoshihiro, K., Kinoshita, J., Inagaki, K., Yamanouchi, C. Comparison of quantized Hall resistances $R_H(2)$ and $R_H(4)$ of a GaAs/AlGaAs heterostructure device 86839
Nagashima, N. *see* Nagata, M. 86929
Nagashima, N. *see* Shigeno, K. 63572
Nagashima, S., Yoshida, T., Kato, A. Synthesis of In_2O_3-SnO_2 composite powders by a homogeneous precipitation technique and their sintering behavior 49016
Nagashima, S. *see* Honda, S. 75956
Nagashima, Y. *see* Kudo, K. 91479
Nagashima, Y. *see* Ohsugi, T. 59069
Nagashima, Y. *see* Saitoh, Y. 88124
Nagashima, Y. *see* Saitoh, Y. 98580
Nagashima, Y. *see* Tomono, A. 76118
Nagasubramanian, G., Surampudi, S., Halpert, G. Cycloaliphatic epoxide-based photocured gelled electrolytes for secondary lithium battery applications. Electrochemical kinetic studies 68971
Nagat, A.T. *see* Nassary, M.M. 80956
Nagata, H., Hikichi, Y., Murata, T., Orimo, T., Fujimura, R., Maeno, H. MUSE decoder with CS/BS tuner model HV-MD5000T, HV-MD5000T(C), HV-MD5000T(S), HV-MD5000T(A) 58561
Nagata, H., Kawai, A., Morimoto, H., Takata, M. Blister formation at photoresist-substrate interface 71447
Nagata, H., Kiuchi, K., Saito, T. Studies of thermal drift as a source of output instabilities in Ti:$LiNbO_3$ optical modulators 56423
Nagata, H., Miyamoto, N., Saito, T., Kaizu, R. Reliable jacket stripping of optical fibers 63417
Nagata, H., Ohtani, M., Murakami, K., Oizumi, H., Yamashita, Y., Atoda, N. Reduction imaging at 4.5 nm with Schwarzschild optics 81725
Nagata, H. *see* Kawai, A. 71538
Nagata, H. *see* Kawai, A. 93271
Nagata, H. *see* Kawai, A. 93281
Nagata, H. *see* Nayyer, J. 82717
Nagata, H. *see* Takahashi, H. 94173
Nagata, K., Harashima, E. Improvement of temperature dependence of piezoelectric elements 93719
Nagata, K., Itsumi, K., Shino, T., Kikuchi, J., Doke, T., Hayashi, T., Kashiwagi, T., Hasebe, N., Kohno, T. Energy-loss straggling of high-energy heavy ions in silicon detectors 59058
Nagata, K. *see* Ejiri, H. 59215
Nagata, K. *see* Hasebe, N. 59057
Nagata, K. *see* Ina, K. 99331
Nagata, K. *see* Ito, H. 93353
Nagata, K. *see* Koiwa, H. 72318
Nagata, K. *see* Miura, S. 65562
Nagata, K. *see* Nittono, T. 93586
Nagata, K. *see* Saeki, T. 49438
Nagata, M., Nagashima, N., Hayashi, K., Kawaji, S., Ricketts, B.W., Small, G.W. Improved resistance comparison system at Gakushuin University and a new determination of the quantized Hall resistance in terms of the NML OHM 86929
Nagata, M. *see* Kawaji, S. 71159
Nagata, M. *see* Nojima, H. 66316
Nagata, M. *see* Takahashi, Y. 72219
Nagata, M. *see* Yoshida, S. 58094
Nagata, N., Sasaki, H., Kitagawa, M. A method of determining target configurations for power system restoration by means of mixed integer programming approach 99581
Nagata, N. *see* Ito, N. 67446
Nagata, S., Enokizono, M. Numerical analysis of magnetic sensors using rotational magnetic flux for tubular materials 80009
Nagata, S. *see* Enokizono, M. 49028
Nagata, S. *see* Kimoto, T. 84615
Nagata, S. *see* Miyatsuji, K. 92627
Nagata, T., Sasaki, H., Kitagawa, M., Sugihara, H. Knowledge based system supporting for power system operation procedure on personal computers 89089
Nagata, T., Sasaki, H., Kubokawa, J., Kitagawa, M. Knowledge based system supporting for power system operation procedure on personal computers 59735
Nagata, T., Shimizu, H., Watanabe, M., Hashimoto, S., Kurihara, K. a-Si TFT driven direct-contact-type image sensor 76062
Nagata, T. *see* Okada, Y. 100153
Nagata, Y., Afuso, C. A method of test pattern generation for multiple-valued PLAs 49261
Nagata, Y., Mukaidono, M. On multiple-valued separable unordered codes 57407
Nagata, Y. *see* Hamaguchi, T. 66472
Nagata, Y. *see* Miyazaki, O. 72120
Nagata, Y. *see* Murata, S. 86810
Nagata, Y. *see* Takebayashi, Y. 51382

Nagata, Y. *see* Takebayashi, Y. 73859
Nagata, Y. *see* Uematsu, T. 100484
Nagata, Y. *see* Uematsu, T. 100570
Nagata, Y. *see* Uto, S. 58946
Nagata, Y. *see* Yokoya, M. 78157
Nagatake, T. *see* Kobayashi, M. 70018
Nagatome, K. *see* Amano, H. 60936
Nagatomo, M., Itoh, K. An evolutionary satellite power system for international demonstration in developing nations 68493
Nagatomo, S. *see* Takai, M. 50251
Nagatomo, T. *see* Noguchi, H. 92978
Nagatomo, Y. *see* Itoh, M. 92210
Nagatsu, M. *see* Sasaki, K. 50744
Nagatsu, M. *see* Sasaki, K. 56639
Nagatsu, M. *see* Takada, N. 82917
Nagatsu, N. *see* Hamazumi, Y. 65849
Nagatsuka, M., Ishu, N., Kohno, R., Imai, H. Adaptive array antenna based on spatial spectral estimation using maximum entropy method 64248
Nagatsuka, M., Shimizu, Y. Pupil size and EEG affected by visual stimuli 98920
Nagatsuka, T., Misu, K., Kimura, T., Wadaka, S., Sakai, A., Mizuguchi, T. A narrow transition bandwidth SAW filter using withdrawal weighting with decomposed weighting functions 93812
Nagatsuma, T., Yaita, M., Shinagawa, M., Kato, K., Kozen, A., Iwatsuki, K., Suzuki, K. Electro-optic characterisation of ultrafast photodetectors using adiabatically compressed soliton pulses 58407
Nagatsuma, T. *see* Kato, K. 72594
Nagayama, T. *see* Naiki, I. 92196
Nagayasu, H. *see* Kawano, H. 53203
Nagayasu, T., Sampei, S. Elimination of adjacent channel interference via nonlinear filters 95439
Nagayasu, T., Sampei, S., Sasaoka, H. Adjacent-channel interference elimination performance of a nonlinear equalizer 58278
Nagayasu, Y. *see* Fujishima, N. 56086
Nagayoshi, H., Yamaguchi, M., Kamisako, K., Horigome, T., Tarui, Y. High-rate selective etching of a-Si:H using hydrogen radicals 55753
Nagayoshi, R. *see* Toyoda, Y. 97661
Nagel, C. *see* Venetucci, J. 89649
Nagel, E. *see* Buschmann, C. 77582
Nagel, G. *see* Croll, A. 48910
Nagel, H.G.J. *see* de Lignie, M.C. 86443
Nagel, H.G.L. *see* van Deventer, M.O. 82619
Nagel, J.A. *see* Delavaux, J.-M.P. 50773
Nagel, J.A. *see* Nuyts, R.J. 86400
Nagel, J.A. *see* Smart, R.G. 50774
Nagel, N. *see* Banhart, F. 70026
Nagel, T. There's more to optics than meets the eye [virtual reality displays] 94229
Nagel, W.D. *see* Bouford, J. 68673
Nagele, M., Ebeling, W., Gutowski, J., Geyzers, K.P., Heuken, M. Nonlinear transmission dynamics of $ZnS_xSe_{1-x}/ZnSe$ and $ZnS_xSe_{1-x}/ZnS_ySe_{1-y}$ $(x>y)$ waveguide structures 63982
Nagele, M. *see* Schmolke, R. 63951
Nagele, M. *see* von Munch, W. 58793
Nagele, W. *see* Hagmann, H. 52517
Nagendra, C., Borah, M., Vishwanath, M., Owens, R.M., Irwin, M.J. Edge detection using fine-grained parallelism in VLSI 74504
Nagendra, C., Owens, R.M., Irwin, M.J. Power-delay characteristics of CMOS adders 80246
Nagesh, S.R. *see* Ghosh, S. 55523
Nagesh, V., Gururaj, B.I. Automatic detection and elimination of periodic pulse shaped interferences in partial discharge measurements 87496
Nagesha, V., Kay, S. On frequency estimation with the IQML algorithm 84371
Nagesha, V., Kay, S. Maximum likelihood estimation for array processing in colored noise 84434
Nagesha, V. *see* Kay, S. 84432
Naghshineh, M. *see* Acampora, A.S. 65602
Naghshineh, M. *see* Acampora, A.S. 97057
Naghski, D.H., Boyd, J.T., Jackson, H.E., Sriram, S., Kingsley, S.A., Latess, J. An integrated photonic Mach-Zehnder interferometer with no electrodes for sensing electric fields 72417
Naghski, D.H. *see* Kingsley, S.A. 87252
Nagi, H.S. *see* Das, D. 78069
Nagi, N., Chatterjee, A., Abraham, J.A. A signature analyzer for analog and mixed-signal circuits 92036
Nagibnev, V.I. *see* Bardetskii, A.M. 90588
Nagl, V. *see* Hromcova, J. 70943
Nagle, H.T. *see* Washabaugh, S. 80300
Nagle, J. *see* Burgnies, L. 55607
Nagle, J. *see* Catchpole, I. 65942
Nagle, J.P. *see* Bruton, T.M. 100729
Naglestad, A.S. *see* Cho, Z.H. 98822
Nago, K. Nano-crystalline Fe-based nitride (Fe-Ta-N) films for magnetic heads 82279
Nago, K., Aokura, I., Yamanishi, H., Sakakima, H., Osano, K. Substrate bias effect on the magnetic properties of Fe-Ta-N films 72044
Nagorny, D.Yu., Skakun, V.S., Tarasenko, V.F., Fedenev, A.V. Experimental apparatus for studying laser action in cadmium, zinc, neon, and florine pumped by nanosecond *e*-beam 94356
Nagorny, V.P. *see* Williamson, W., Jr. 87381
Nagoya, T. *see* Azadegan, F. 86791
Nagpal, A. *see* Sherlock, B.G. 95913
Naguib, A.F., Arogyaswami Paulraj, Kailath, T. Capacity improvement of base-station antenna arrays cellular CDMA 97167
Naguib, A.F., Paulraj, A., Kailath, T. Capacity improvement with base-station antenna arrays in cellular CDMA 75341
Naguib, A.F. *see* Suard, B. 86167
Nagulin, K.Yu. *see* Demin, A.P. 58771
Nagulin, Yu.S. *see* Demin, A.P. 58771
Nagumo, F. *see* Thorpe, L.J. 75733
Nagumo, M. *see* Yamaguchi, M. 54139
Nagumo, T., Nagai, M., Nishida, T., Miyoshi, M., Miyamoto, S. VFSIM: vectorized fault simulator using a reduction technique excluding temporarily unobservable faults 91991
Nagura, A. *see* Mizuno, A. 68936
Nagura, H. *see* Nagai, S. 69231
Nagura, K. *see* Kyushima, H. 81159
Nagura, K. *see* Kyushima, H. 98704
Nagura, R. S/N improvement by time delay and integration for the high resolution Earth observation system 95875
Nagura, R. *see* Takada, N. 77613
Nagy, A. *see* Lovanyi, I. 69589
Nagy, A. *see* Rohdin, H. 61947
Nagy, E. *see* Gingrich, D. 53291
Nagy, H. *see* Weaver, J.B. 57843
Nagy, I. Novel adaptive tolerance band based PWM for field-oriented control of induction machines 78877
Nagy, L. *see* Borovac, B. 97930
Nagy, W. *see* Goodman, R. 65919
Nagy, W.J. *see* Liu, C.T. 63025
Nagy Yu Yu *see* Yu Yu Nagy
Nah, W. *see* Wanderer, P. 82422
Nah, Y.G. *see* Koo, Y.M. 76665
Nahamoo, D. *see* Bellegarda, J.R. 64366
Nahamoo, D. *see* Bellegarda, J.R. 84112
Nahamoo, D. *see* Das, S. 73848
Nahamoo, D. *see* Nathan, K.S. 84968
Nahlik, J., Hudec, L. Phase synchronism of laser oscillating modes as a functional stability task 94560
Nahm, S., Paek, M.C., Cho, K.I., Kwon, O.J., Choo, W.K. TEM study of the GaAs/Si system grown by two-step MBE/SPE method 79828
Nahman, J., Strbac, G. A new algorithm for service restoration in large-scale urban distribution systems 78083
Nahman, J.M. Exact enumeration of minimal paths of partitioned networks 61035
Nahmer, S. *see* Juttner, W. 100892
Nahnhauer, R. *see* Bahr, J. 88245
Nahory, R.E. *see* Aspnes, D.E. 61295
Nahum, A.E. *see* Ma, C.-M. 88617
Nahum, C.E., Cantalloube, H.M.J. Improvement of detection rates via data association 73929
Nahum, C.E. *see* Cantalloube, H.M.J. 77182
Nahum, M., Martinis, J.M. Novel hot-electron microbolometer 52860
Nahum, M. *see* Martinis, J.M. 62915
Nai Cheung Cho *see* Cho Nai Cheung
Nai-ben Ming *see* Ya-lin Lu 73059
Nai-Ping Kuo *see* Yuh-Fwu Chou 50782
Nai-quan Liu *see* Liang Fu 53112
Naichang Yuan, Chengli Ruan, Weigan Lin Analytical analyses of v, elliptic, and circular-shaped microshield transmission lines 64199
Naiden, E.P. *see* Zhilyakov, S.M. 93879
Naidenko, V.I. *see* Guseva, E.V. 64189
Naidu, M.S. *see* Guruprasad, K.P. 90227
Naidu, P.S. *see* Padmini, C.U. 57505
Naifeng Mao, McGill, J.A., Brown, K.L., Gerig, R.E. Beam optics of LEB-MEB transfer line for Superconducting Super Collider 66939
Naik, K. Specification and synthesis of a multimedia synchronizer 57997
Naik, R., Rastogi, M., Mohan, N., Nilssen, R., Henze, C.P. A magnetic device current injection in a three-phase sinusoidal-current utility interface 68731
Naik, R. *see* Rastogi, M. 67993
Naik, R. *see* Rastogi, M. 88963
Naik, V.K. Performance of NAS parallel application-benchmarks on IBM SP1 57995
Naikan, V.N.A. *see* Murty, A.S.R. 61030
Naikeng Bao *see* Guanchang Jin 87512
Naiki, I., Takizawa, M., Mano, M., Kimura, T., Ichikawa, T., Tsukamoto, M., Fujita, S., Nagayama, T., Sasaki, M. Center wordline cell: A new symmetric layout cell for 64 Mb SRAM 92196
Nail, M. *see* Ghis, A. 66351
Naiman, M. *see* Tate, J.P. 92896
Naimimohasses, R., Smith, P.R. Accurate and efficient representations of exact electromagnetic scattering models using artificial neural networks 51084
Naimimohasses, R. *see* Smith, P.R. 88837
Naing Maung Win *see* Win Naing Maung
Nair, D. *see* De, K. 55216
Nair, K.G. *see* Day, S. 95011
Nair, K.G. *see* Mathew, T. 64153
Nair, K.G. *see* Saji Stephen, D. 51063
Nair, K.R.S. *see* Bhatnagar, A. 82639
Nair, L.G. *see* Singh, S. 72709
Nair, L.G. *see* Thattey, S.S. 87573
Nair, M.J. *see* Aravamuthan, S. 68948
Nair, M.T. A unified approach for regularized approximation methods for Fredholm integral equations of the first kind 48881
Nair, N.C. *see* Desai, B.T. 100195
Nair, P. *see* Joshi, M. 72778
Nair, P. *see* Sivaram, B.M. 72779
Nair, P.S. Triangle and parallelogram laws on fuzzy graphs 79567
Nair, P.S. *see* Rao, M.V. 73130
Nair, P.S.C. *see* Tripathy, S.C. 68026
Nair, S., Shafiee, H., Moon, J. Modeling and simulation of advanced read channels 50361
Nair, S.S. *see* Mistry, S.I. 60516
Nair, V. *see* Stengel, B. 80153
Nair, V.S.S. *see* Kapoor, B. 49281
Nair, V.S.S. *see* Rowell, R. 73662
Naishadham, K., Xing Ping Lin Application of spectral estimation techniques to correct the reflection from imperfect absorbing boundaries in the FDTD simulation of microwave circuits 80778
Naishadham, K. *see* Xing Ping Lin 83802
Naito, F. *see* Shibata, S. 98487
Naito, H., Ohmori, S., Isobe, S., Shigaki, M. An on-board 47-GHz band low noise amplifier for Communications and Broadcasting Engineering Test Satellite (COMETS) 80148
Naito, H. *see* Close, R. 64714
Naito, H. *see* Isobe, S. 75356
Naito, H. *see* Mizumoto, T. 50524
Naito, H. *see* Takayama, T. 72911
Naito, H. *see* Takayama, T. 83041
Naito, K. Round-robin artificial pollution test on HVDC insulators 53774
Naito, K., Miura, A. Photogenerated charge storage in hetero Langmuir-Blodgett films: electron transfer mechanism 49730
Naito, K. *see* de Decker, D. 78067
Naito, K. *see* Matsuoka, R. 53773
Naito, K. *see* Ohmi, M. 63685
Naito, K. *see* Ohmi, M. 94436
Naito, K. *see* Verma, S.C. 68011
Naito, S. *see* Miura, Y. 55181
Naito, T., Chikama, T., Ishikawa, G. Optimum system parameters for multigigabit CPFSK optical heterodyne detection systems 97347
Naito, T. *see* Tsuboi, H. 90651
Naito, T. *see* Ushirogouchi, T. 81630
Naito, W. *see* Yamaguchi, K. 75159
Naito, Y. *see* Fujii, T. 63009
Naito, Y. *see* Kotani, H. 92223
Naito, Y. *see* Kotani, H. 92236
Naito, Y. *see* Pu, G. 51201
Naito, Y. *see* Pu, G. 94161
Naito, Y. *see* Shimizu, N. 63018
Naito, Y. *see* Totoki, M. 81514
Naitoh, H. *see* Itazaki, N. 70349
Naitoh, H. *see* Kudor, T. 68610
Naitoh, Y. *see* Ishigami, T. 52945
Naitou, H., Fukumasa, O., Sakachou, K., Mutou, K. Particle simulation on extraction of positive and negative ions from a volume source 53276
Naitou, H. *see* Fukumasa, O. 53196
Naitou, H. *see* Fukumasa, O. 53197
Naivar, M. *see* Park, J. 49386
Najafi, K. Solid-state microsensors for cortical nerve recordings 67587
Najafi, K., Mastrangelo, C.H. Solid-state microsensors and smart structures 97919
Najafi, K. *see* Akin, T. 67421
Najafi, K. *see* Gianchandani, Y.B. 97924
Najafi, K. *see* Hetke, J.F. 67422
Najafi, N., Wise, K.D., Schwank, J.W. A micromachined ultra-thin-film gas detector 98141
Najafi, S.I. *see* Auger, P.L. 63432
Najafi, S.I. *see* Guangwen Zhang 65772
Najafi, S.I. *see* Guangwen Zhang 82698
Najafi, S.I. *see* Honkanen, S. 86522
Najafi, S.I. *see* Hui Zhang 63463
Najafi, S.I. *see* Jian Yao Chen 63945
Najafi, S.I. *see* L.-Auger, P. 82656
Najafi, S.I. *see* Saarinen, J. 64017
Najar, M., Lagunas, M.A., Perez-Neira, A.I. Source separation based on coupled single DOA estimation processors 84455
Najjar, W.A. *see* Lagman, A. 58007
Najjar, Y.S.H. Performance of simple cycle gas turbine engines in two modes of operation 53945
Najjar, Y.S.H. *see* Lamfon, N.J. 68468
Najm, E. *see* Dahl, O.C. 85934
Najm, F.N. Estimating power dissipation in VLSI circuits 71745
Najm, F.N. Low-pass filter for computing the transition density in digital circuits 80269
Najm, F.N. *see* Xakellis, M.G. 93596
Najm, H. *see* Moslehi, M.M. 71800
Najm, H. *see* Moslehi, M.M. 90920
Najman, L., Schmitt, M. Watershed of a continuous function 74337
Najmi, A., Mahrane, A., Vialaret, G., Esteve, D. Infrared scanning system for obstacle detection in the automotive field 60590
Najmudin, Z. *see* Key, M.H. 50731
Nak Joong Kim *see* Ki Poong Lee 55963
Nak Sam Chung *see* Engelkemier, B. 86921
Naka, A., Saito, S. In-line amplifier transmission distance determined by self-phase modulation and group-velocity dispersion 50767

Naka, J. *see* Kawahara, T. 93705
Naka, M. *see* Koshiishi, H. 77240
Nakabayashi, H. *see* Balestra, F. 62801
Nakabayashi, H. *see* Balestra, F. 62809
Nakabayashi, Y. *see* Arai, K. 82513
Nakabeppu, F. *see* Fujimoto, K. 100615
Nakabori, S. *see* Suzuki, T. 100242
Nakachi, T. *see* Yamashita, K. 74179
Nakada, H. *see* Ohta, N. 92029
Nakada, H. *see* Shirota, Y. 82828
Nakada, M. *see* Karube, H. 72491
Nakada, T., Migita, K., Kunioka, A. The growth of $CuInSe_2$ films deposited by sputtering and its application to solar cells 61352
Nakada, T., Migita, K., Kunioka, A. $CuInSe_2$ solar cells by three source magnetron sputtering 100655
Nakada, T., Onishi, R., Kunioka, A. $CuInSe_2$-based solar cells by Se-vapor selenization from Se-containing precursors 100456
Nakada, T., Takahashi, M. Concept and outline of operating system A-VXII 85670
Nakadaira, Y. *see* Tsunoda, T. 60582
Nakae, K. *see* Yamashita, S. 60586
Nakae, T. *see* Hiraishi, H. 80362
Nakaegawa, T., Fuchigami, G., Koike, M., Oki, T., Musiake, K. Extraction of soil moisture information from SAR satellite data 67859
Nakagaki, N., Bando, Y., Mori, T., Torikoshi, S., Suzuki, S. Wide aspect TV receiver with aspect detection and non-linear control for picture quality 86730
Nakagaki, R. *see* Nakamae, K. 62942
Nakagami Jun-ichi *see* Jun-ichi Nakagami
Nakagawa, A., Yamaguchi, Y., Matsudai, T., Yasuhara, N. 200°C high-temperature and high-speed operation of 440 V lateral IGBTs on 1.5 μm thick SOI 93438
Nakagawa, A., Yasuhara, N., Omura, I., Yamaguchi, Y., Ogura, T., Matsudai, T. Prospects of high voltage power ICs on thin SOI 61559
Nakagawa, A. *see* Funaki, H. 55882
Nakagawa, A. *see* Kitagawa, M. 93436
Nakagawa, A. *see* Matsushita, K. 55971
Nakagawa, A. *see* Ogura, T. 62735
Nakagawa, A. *see* Omura, I. 55998
Nakagawa, E. *see* Kiyayama, T. 86356
Nakagawa, H. *see* Ago, T. 62571
Nakagawa, H. *see* Aoyagi, M. 80281
Nakagawa, H. *see* Cristiano, R. 63296
Nakagawa, H. *see* Harada, R. 85952
Nakagawa, H. *see* Harafuji, K. 62500
Nakagawa, H. *see* Koga, S. 93964
Nakagawa, H. *see* Kubo, T. 82360
Nakagawa, H. *see* Misaka, A. 93173
Nakagawa, H. *see* Momota, K. 62127
Nakagawa, H. *see* Tanahashi, S. 93956
Nakagawa, K., Date, M. Renovation of the image from CCD camera 93670
Nakagawa, K., Ebiike, Y., Ohta, Y., Kaide, T. Development of the flexible polyfluorocarbon insulated wire, "SUNFLON FX 200" 61977
Nakagawa, K., Kowalewski, T., Phelps, C.W., Rode, D.L., Krchnavek, R.R. Optical channel waveguides based on photo-polymerizable di/tri acrylates 82665
Nakagawa, K., Kurashina, S., Itoh, A. Uniaxial anisotropy of double-layered garnet films and magneto-optical recording characteristics 72064
Nakagawa, K., Nishida, A., Kimura, Y., Shimada, T. Effect of atomic and molecular hydrogen irradiation on Ge surface segregation during Si molecular beam epitaxy 91477
Nakagawa, K., Shelkovnikov, A.S., Katsuda, T., Ohtsu, M. Fast frequency stabilization of a diode-laser-pumped monolithic Nd:YAG laser with an extra-cavity electro-optic modulator 72725
Nakagawa, K., Shelkovnikov, A.S., Katsuda, T., Ohtsu, M. Absolute frequency stability of a diode-laser-pumped Nd:YAG laser stabilized to a high-finesse optical cavity 94403
Nakagawa, K., Shimizu, Y., Ohtsu, M. High power diode-laser-pumped twisted-mode Nd:YAG laser 50789
Nakagawa, K. *see* Akioka, T. 70538
Nakagawa, K. *see* Kobayashi, Y. 86453
Nakagawa, K. *see* Miyao, M. 79781
Nakagawa, K. *see* Murakami, E. 56028
Nakagawa, K. *see* Musha, M. 56753
Nakagawa, K. *see* Ohmori, K. 72071
Nakagawa, K. *see* Yoshida, A. 93132
Nakagawa, M. *see* Elhakeem, A.K. 60697
Nakagawa, M. *see* Kajiwara, A. 65608
Nakagawa, M. *see* Murata, Y. 75315
Nakagawa, M. *see* Nakamura, H. 98229
Nakagawa, M. *see* Osaki, M. 83884
Nakagawa, M. *see* Otsuka, K. 65663
Nakagawa, M. *see* Sasaki, Y. 65637
Nakagawa, M. *see* Takakusaki, K. 64260
Nakagawa, M. *see* Tasaka, S. 53547
Nakagawa, N. *see* Arakawa, F. 70667
Nakagawa, S., Akiyama, S., Naoe, M. Methods to control internal stress in Co-Cr sputtered films on polymer tape for curl-free recording tape 72094
Nakagawa, S., Kai, A. A context-free grammar-driven, one-pass HMM-based continuous speech recognition method 84141
Nakagawa, S., Ono, Y. Estimation of the probability density function and a posteriori probability by neural networks, and applications to vowel recognition 95284
Nakagawa, S., Sasaki, T., Mori, H., Namura, T. Charge build-up and uniformity control in magnetically enhanced reactive ion etching using a curved lateral magnetic field 55812
Nakagawa, S., Suzuki, H. A new speech recognition method based on VQ-distortion measure and HMM 84120
Nakagawa, S. *see* Matsumoto, T. 72250
Nakagawa, S. *see* Matsushita, N. 63201
Nakagawa, S. *see* Matsushita, N. 72065
Nakagawa, S. *see* Naoe, M. 70127
Nakagawa, S. *see* Oku, Y. 67509
Nakagawa, T., Ogawa, K., Kurumizawa, T. Atomic force microscope for chemical sensing 76251
Nakagawa, T., Ohira, T. A novel phase noise reduction technique for MMIC frequency synthesizers that uses newly developed pulse generator LSI 80809
Nakagawa, T., Tokunoh, F., Yamamoto, M., Sennenbara, N., Sherbondy, J. A new low loss high power GTO with low snubber capacity 68739
Nakagawa, T. *see* Baji, T. 70655
Nakagawa, T. *see* Fan, R. 96913
Nakagawa, T. *see* Ichihara, T. 59299
Nakagawa, T. *see* Koyama, H. 81524
Nakagawa, T. *see* Matsuda, S. 55945
Nakagawa, T. *see* Nakata, S. 49754
Nakagawa, T. *see* Nakata, S. 73237
Nakagawa, T. *see* Sugaya, H. 50369
Nakagawa, T. *see* Takarabe, K. 81795
Nakagawa, T. *see* Yamada, K. 99361
Nakagawa, T. *see* Yamada, K. 99377
Nakagawa, T. *see* Yasui, K. 96239
Nakagawa, Y. Research in steady high magnetic fields at Sendai 82506
Nakagawa, Y. Control of second order temperature coefficient of SAW propagating in two thin film layers 93848
Nakagawa, Y., Isaka, K., Kohchi, A., Matsushita, K. Pulsed intense ion diode for surface modification 53247
Nakagawa, Y., Takanose, T. Theoretical analysis of nonlinear effects in surface acoustic waves on waveguide 63123
Nakagawa, Y. *see* Ishida, T. 81528
Nakagawa, Y. *see* Kasuga, C. 93791
Nakagawa, Y. *see* Kido, G. 82508
Nakagawa, Y. *see* Miura, S. 82490
Nakagawa, Y. *see* Nayar, S.K. 74572
Nakagawa, Y. *see* Ohkubo, K. 98004
Nakagawa, Y. *see* Ohkubo, K. 98015
Nakagawa, Y. *see* Sasaki, K. 78950
Nakagawa, Y. *see* Shiomi, J. 63164
Nakagawa, Y. *see* Yamanaka, C. 48706
Nakagawara, K. *see* Sasano, K. 68855
Nakagiri, K. *see* Shibuki, M. 58618
Nakagiri, N. *see* Sugimura, H. 81539
Nakagome, H. *see* Hibino, Y. 50549
Nakagome, H. *see* Kuriyama, T. 94009
Nakagome, Y. *see* Bidermann, W. 71763
Nakagome, Y. *see* Kanno, I. 88088
Nakagome, Y. *see* Tachibana, S. 70541
Nakagome, Y. *see* Tanaka, H. 49424
Nakagome, Y. *see* Tanaka, H. 70557
Nakagomi, K. *see* Hayashi, M. 92093
Nakagomi, M. *see* Kumagai, M. 97843
Nakahama, S. *see* Senjyu, T. 60260
Nakahara, H. *see* Kanai, Y. 98123
Nakahara, K. Variable-characteristic reference solar cells by computer synthesis 60466
Nakahara, K. *see* Nagaishi, H. 82393
Nakahara, K. *see* Nakazawa, S. 69003
Nakahara, M. *see* Higashi, T. 100267
Nakahara, M. *see* Takizawa, T. 55754
Nakahara, S. *see* Georgiou, G.E. 55681
Nakahara, S. *see* Kamgar, A. 71820
Nakahara, S. *see* Matsunaga, M. 49655
Nakahara, T. *see* Satake, K. 98147
Nakahara, Y. *see* Ishizuka, H. 63887
Nakahara, Y. *see* Okada, S. 61127
Nakahata, A. *see* Hori, M. 92661
Nakahata, H., Higaki, K., Hachigo, A., Shikata, S. Development of a high frequency SAW filter using a vapor deposition diamond thin-film 93865
Nakahata, H. *see* Shikata, S. 93846
Nakahata, M. *see* Uenushi, M. 60374
Nakahigashi, T. *see* Kirimura, H. 79946
Nakahira, D. *see* Kuskin, J. 49475
Nakahira, H., Sakiyama, S., Maruyama, M., Hasegawa, K., Kouda, T., Maruno, S., Shimeki, Y., Satonaka, T., Nagano, Y. A digital neuroprocessor using quantizer neurons 80529
Nakahira, H. *see* Muruyama, M. 80537
Nakahori, S., Ueda, T., Hamamatsu, T., Takizawa, Y. Long life nickel-metal hydride storage battery 90352
Nakahori, T. *see* Ikeda, H. 100344
Nakai, A. *see* Fuji, H. 58068
Nakai, H. *see* Kobayashi, S. 49425
Nakai, H. *see* Kobayashi, S. 70561
Nakai, K., Kira, T., Minakata, R., Okamoto, N., Komoda, T. Identification of the place causing Barkhausen noise in yoke type MR heads 50342
Nakai, K., Ushida, A. On a design technique of cellular neural network 92448
Nakai, K. *see* Komoda, K. 52743
Nakai, K. *see* Komoda, T. 72121
Nakai, K. *see* Minakata, R. 72152
Nakai, M. *see* Green, R.O. 77634
Nakai, M. *see* Ozaki, T. 75729
Nakai, R. *see* Aizawa, K. 68378
Nakai, R. *see* Kawarabayashi, S. 54814
Nakai, S. Band-pass filter consists of multiple layers, yet boasts ultra-miniature design 55325
Nakai, S. *see* Asakawa, M. 49737
Nakai, S. *see* Kato, Y. 50730
Nakai, S. *see* Kiriha, Y. 74854
Nakai, S. *see* Nishio, M. 86777
Nakai, S. *see* Ohigashi, N. 53113
Nakai, S. *see* Ohmi, M. 63685
Nakai, S. *see* Ohmi, M. 94436
Nakai, S. *see* Wang-Long Zhou 63740
Nakai, S. *see* Yamakawa, K. 94413
Nakai, T., Tsuji, M., Shigesawa, H. Use of a modified mode-matching method to analyze microstrip lines with thick strip conductors 73432
Nakai, Y. *see* Kanasaki, J. 55818
Nakaima, A. Efficient decentralized consensus protocols using a finite projective plane 74702
Nakaiwa, H. *see* Ikehara, S. 85430
Nakajima, A. 2n[$\sqrt{n}$] symmetric communication structure for decentralized consensus protocols using a duality of indices 85758
Nakajima, A. *see* Kinoshito, K. 86130
Nakajima, A. *see* Nakamura, H. 86176
Nakajima, A. *see* Sawada, H. 85943
Nakajima, H. Advanced optical packaging technology towards practical integrated photonic modules 72426
Nakajima, H., Charil, J., Slempkes, S., Robein, D., Gloukhian, A., Landreau, J., Pierre, B., Bouley, J.-C. Absorption-controlled tunable DFB amplifier-filters 75502
Nakajima, H., Legros, E., Semo, J., Pierre, B., Billard, M., Lemestreallan, G., Slempkes, S., Robein, D., Kalonji, N., Kazmierski, C. 1.3μm DFB-VUG laser module with a hybrid amplifier-driver circuit for half-duplex transmission 83174
Nakajima, H., Nishio, M., Enome, S., Shibasaki, K., Takano, T., Hanaoka, Y., Torii, C., Sekiguchi, H., Bushimata, T., Kawashima, S., Shinohara, N., Irimajiri, Y., Koshiishi, H., Kosugi, T., Shiomi, Y., Sawa, M., Kai, K. The Nobeyama radioheliograph 58528
Nakajima, H., Sasaki, T., Ando, T., Nishi, M., Oshikiri, M., Hiyama, T., Takahashi, Y., Yoshida, K., Okuno, K., Kato, T., Sugimoto, M., Isono, T., Kawano, K., Koizumi, N., Hamada, K., Sasaki, T., Wadayama, Y., Miyake, A., Iwamoto, S., Ebisu, H., Takahashi, T., Hosono, F., Yamamoto, K., Yasukawa, Y., Tsukamoto, H., Hanawa, H., Seki, S., Wakabayashi, H., Ouchi, T., Tajiri, F., Okayama, J., Imahashi, K., Outsu, K., Takaya, Y., Kawasaki, T., Kon, Y., Tsuji, H., Takayasu, M., Turck, B., Wuchner, F. Effects of cyclic pulsed operation on the coil performance in the Nb_3Sn Demo poloidal coil (DPC-EX) 72261
Nakajima, H., Shikai, M., Tahata, S., Horikawa, T., Masumi, T. Edge enhancement recording with ferroelectric liquid crystal spatial light modulator using SiO_2/a-Si:H photosensor 72462
Nakajima, H., Yokozawa, T., Yamamoto, T., Hara, H., Dieu, N. Power optimization of 2 μm Tm,Ho:YAG laser in monolithic crystal 72780
Nakajima, H. *see* Abiven, J. 52540
Nakajima, H. *see* Delorme, F. 83165
Nakajima, H. *see* Isono, T. 82466
Nakajima, H. *see* Koshiishi, H. 97507
Nakajima, H. *see* Kurishima, K. 81816
Nakajima, H. *see* Matsuda, S. 70423
Nakajima, H. *see* Matsuoka, Y. 55928
Nakajima, H. *see* Sano, E. 63608
Nakajima, H. *see* Takahashi, Y. 72219
Nakajima, H. *see* Tomeoka, H. 89176
Nakajima, I. *see* Ishihara, T. 85769
Nakajima, J. *see* Kiuchi, H. 87034
Nakajima, J. *see* Takahashi, A. 72297
Nakajima, K., Nakanishi, H., Kawakubo, T., Ogata, A., Kitagawa, Y., Shiraga, H., Kodama, R., Zhang, T., Suzuki, K., Kato, Y., Sakawa, Y., Shoji, T., Nishida, Y., Yugami, N., Tajima, T. Laser Wakefield Accelerator experiments using 1 ps 30 TW Nd:glass laser 76627
Nakajima, K., Tamura, T., Miike, H. Photoplethysmography for simultaneous monitoring of heart and respiratory rates using digital filters 88444
Nakajima, K., Yokota, K., Chen, J., Myoren, H., Yamashita, T. Electric field effects on $YBa_2Cu_3O_{7-\delta}$ grain boundary Josephson junctions 72233
Nakajima, K. *see* Aizaki, N. 61700
Nakajima, K. *see* Akoh, H. 63313
Nakajima, K. *see* Barletta, B. 76636
Nakajima, K. *see* Chen, J. 82354
Nakajima, K. *see* Hamada, T. 61733
Nakajima, K. *see* Ishigami, T. 52945
Nakajima, K. *see* Mizugaki, Y. 80533
Nakajima, K. *see* Mizuno, K. 53004

Nakajima, K. *see* Namihira, Y. 76223
Nakajima, K. *see* Narasimham, J. 80220
Nakajima, K. *see* Noda, K. 71700
Nakajima, K. *see* Ogata, A. 87880
Nakajima, K. *see* Shinohara, H. 100017
Nakajima, K. *see* Shoji, H. 94504
Nakajima, K. *see* Takahashi, K. 92162
Nakajima, K. *see* Takeuchi, K. 93621
Nakajima, K. *see* Yuyama, S. 100022
Nakajima, M., Kameyama, M. Design of multiple-valued linear digital circuits for highly parallel k-ary operations 55245
Nakajima, M., Yamada, K., Hosokawa, T. Transverse coupled bunch instabilities in low-energy injection storage rings 87746
Nakajima, M., Yoshioka, N., Miyazaki, J., Kusunose, H., Hosono, K., Morimoto, H., Wakamiya, W., Murayama, K., Watakabe, Y., Tsukamoto, K. Attenuated phase-shifting mask with a single-layer absorptive shifter of CrO, CrON, MoSiO and MoSiON film 71464
Nakajima, M. *see* Hosokawa, T. 87639
Nakajima, M. *see* Kobayashi, N. 51610
Nakajima, M. *see* Kubota, K. 98801
Nakajima, M. *see* Mamijoh, T. 63781
Nakajima, M. *see* Matsuda, S. 55945
Nakajima, M. *see* Saito, H. 74531
Nakajima, M. *see* Terada, K. 98866
Nakajima, M. *see* Uchikoga, S. 81861
Nakajima, M. *see* Yoshioka, N. 93547
Nakajima, N. Making switches that light up requires careful use of various techniques 61995
Nakajima, N., Matsushima, T.K., Murakami, J. Interleaving technique against periodic bursty errors caused by radar interference 64270
Nakajima, N., Murakami, T. Millimachine design 90038
Nakajima, N. *see* Takagi, T. 55844
Nakajima, O. *see* Ito, H. 93353
Nakajima, O. *see* Nittono, T. 93586
Nakajima, O. *see* Yamaguchi, K. 49689
Nakajima, S. Automatic synthesis unit generation for English speech synthesis based on multilayered context oriented clustering 84151
Nakajima, S., Matsuzaki, K.-I., Otobe, K., Nishizawa, H., Shiga, N. Enhancement-mode GaAs MESFET technology for low consumption power and low noise applications 81990
Nakajima, S. *see* Jun-ichi Nakata 92969
Nakajima, S. *see* Kawasaki, S. 66805
Nakajima, S. *see* Shiga, N. 92632
Nakajima, S. *see* Shiho, M. 50886
Nakajima, S. *see* Shiono, N. 48730
Nakajima, S. *see* Yamazaki, K. 81285
Nakajima, T. Hi-Vision CG system 75738
Nakajima, T. Enhancement of four-wave-mixing by delayed pulses 83266
Nakajima, T., Hasegawa, J., Shimizu, T. Base-station equipment for digital cellular mobile communication systems 52348
Nakajima, T., Horikoshi, J., Fukawa, K., Suzuki, H. Multiple differential detection with adaptive sequence estimation (MDD-ASE) mobile radio transmission performance in frequency selective fading environment 95440
Nakajima, T., Suzuki, H., Suzuki, T., Suzuki, H. Study of the phase transitions by SR X-ray diffractometry and topography by helium-3 dilution refrigerator 53364
Nakajima, T., Yoshizawa, M., Zhuoliang, C. A novel astatic magnet producing arbitrarily directed magnetic field and its trial use for SR X-ray diffractometry and topography at low temperature 50435
Nakajima, T. *see* Aoki, H. 71383
Nakajima, T. *see* Hoshi, Y. 88113
Nakajima, T. *see* Kikuta, K. 93263
Nakajima, T. *see* Kuwahara, H. 93366
Nakajima, T. *see* Masuda, K. 67337
Nakajima, T. *see* Oyama, K. 98567
Nakajima, T. *see* Shinzawa, T. 71436
Nakajima, T. *see* Yokota, T. 77371
Nakajima, Y. *see* Close, R. 64714
Nakajima, Y. *see* Iwabuchi, M. 50073
Nakajima, Y. *see* Matsumoto, S. 75706
Nakajima, Y. *see* Shimohara, K. 61759
Nakajima, Y. *see* Usami, M. 70567
Nakakado, T. Gray scale technologies improve color TFT LCD picture quality 98202
Nakakarumai, S. *see* Tsubota, T. 61643
Nakakawaji, T., Tanaka, A., Asario, S. Overview of standardization of open distributed processing 85647
Nakaki, Y. *see* Tsutsumi, K. 50601
Nakakita, H. *see* Mizuno, H. 97641
Nakakuma, T. *see* Sumi, T. 93798
Nakama, H., Kobayashi, H., Koshiba, T., Sekiguchi, H. Telecontrol radio equipment for specified low power radio station 97035
Nakama, H., Kobayashi, H., Sekiguchi, H., Seki, K. KC808A/KC809A/KC810A tiny telecon 97606
Nakama, Y. *see* Terai, K. 75792
Nakamae, E. *see* Inoue, K. 78589
Nakamae, E. *see* Kato, F. 90315
Nakamae, K., Nakagaki, R., Miura, K., Fujioka, H. Matching of DUT interconnection pattern with CAD layout in CAD-linked electron beam test system 62942
Nakamae, K., Sakamoto, H., Fujioka, H. An analysis of the economics of the VLSI development including test cost 60932
Nakamae, K., Tanaka, H., Kubota, H., Fujioka, H. Efficient dynamic fault imaging by fully utilizing CAD data in CAD-linked electron beam test system 62972
Nakamae, K. *see* Fujioka, H. 62920
Nakamae, K. *see* Miura, K. 50099
Nakamata, T. *see* Nakamura, O. 53054
Nakamikawa, T. *see* Morioka, M. 96612
Nakamori, M. *see* Aoki, H. 71375
Nakamori, M. *see* Aoki, H. 93176
Nakamori, S. Optimal filtering algorithm using covariance information in linear continuous distributed parameter systems 74214
Nakamoto, A. *see* Hasebe, N. 59057
Nakamoto, T., Kobayashi, T. Development of circuit for measuring both Q variation and resonant frequency shift of quartz crystal microbalance 93796
Nakamoto, T., Sakuraba, Y., Moriizumi, T., Ide, J.-I. Sensing system for evaluating odour sensory quantity 58868
Nakamoto, T., Ustumi, S., Yamashita, N., Moriizumi, T., Sonoda, Y. Active gas/odor sensing system using automatically controlled gas blender and numerical optimization technique 98148
Nakamura, A., Tachikawa, T., Takizawa, M. Group communication protocols: properties and evaluation 74689
Nakamura, A., Takizawa, M. Selective order-preserving broadcast (SP) protocol 51836
Nakamura, A., Takizawa, M. Causally ordering broadcast protocol 65072
Nakamura, A. *see* Aizawa, K. 51566
Nakamura, A. *see* Fukasawa, T. 55803
Nakamura, A. *see* Inaba, N. 63177
Nakamura, B. *see* Takahashi, P. 89419
Nakamura, E. *see* Koyano, H. 96582
Nakamura, F. *see* Takayanagi, I. 98095
Nakamura, G. *see* Kobayashi, M. 48800
Nakamura, H., Fushimi, K., Sakaya, Y., Ajioka, T., Hiraki, A., Kubota, K. A superior $TiN/TiSi_2$ barrier layer by using sputter deposition from a $TiN_{0.4}$ alloy target and subsequent RTN 71429
Nakamura, H., Kimura, K., Nakajima, A. Service control capabilities for intelligent mobile communications network 86176
Nakamura, H., Masuda, Y., Sato, H., Mori, K., Kobayashi, M., Nakazono, T., Kanaya, T., Nakagawa, M., Harada, N. 3.3-inch, 1.9 MPixel integrated driver poly-Si TFT-LCD for HDTV projector 98229
Nakamura, H., Yamamoto, Y. Wide band amplifier using GaAs FET 55416
Nakamura, H. *see* Aceves-Saborio, S. 54162
Nakamura, H. *see* Chen, J. 82354
Nakamura, H. *see* Entekhabi, D. 77316
Nakamura, H. *see* Fujita, H. 62565
Nakamura, H. *see* Fujita, H. 93276
Nakamura, H. *see* Horiuchi, T. 71421
Nakamura, H. *see* Imamoto, M. 66596
Nakamura, H. *see* Katsura, T. 76327
Nakamura, H. *see* Kousai, S. 85745
Nakamura, H. *see* Matsumura, S. 78355
Nakamura, H. *see* Nohtomi, A. 88210
Nakamura, H. *see* Nohtomi, A. 98608
Nakamura, H. *see* Ohkubo, K. 98015
Nakamura, H. *see* Sasaki, Y. 77510
Nakamura, H. *see* Tanaka, T. 92244
Nakamura, H. *see* Tanzawa, T. 70527
Nakamura, H. *see* Uchida, M. 89581
Nakamura, H. *see* Yamayoshi, Y. 71907
Nakamura, I., Higa, H. A very low level DC current amplifier using photocoupler negative feedback circuit 61566
Nakamura, I., Hirota, K. Equivalent circuits for directional SAW-IDTs based on the coupling-of-modes theory 99325
Nakamura, I. *see* Tomita, N. 65835
Nakamura, J., Fossum, E.R. Image sensor with image smoothing capability using a neuron MOSFET 66460
Nakamura, J., Tomita, Y., Honda, S. Algorithm for counting the number of persons using IR image processing 98086
Nakamura, J. *see* Takayanagi, I. 98095
Nakamura, J.-I., Kaku, T., Hyun, K., Noma, T., Yoshida, S. Automatic background music generation based on actors' mood and motions 97739
Nakamura, K., Imura, T., Sugai, H., Ohkubo, M., Ichihara, K. High-speed etching of indium-tin-oxide thin films using an inductively coupled plasma 81510
Nakamura, K., Inukai, E., Tahara, N., Shimizu, H., Kojima, Y., Fukuda, J., Ono, H. Development of lightning detector using liquid crystal element (Part 1) 99724
Nakamura, K., Itagaki, M. Pyroelectric IR detectors using periodic inverted domains of $LiTaO_3$ 97992
Nakamura, K., Kobayashi, T., Hinohara, K. Shock sensors 58658
Nakamura, K., Kuhara, S., Kimura, T., Takada, M., Suzuki, H., Yoshida, H., Yamazaki, T. A 220 MHz pipelined 16 Mb BiCMOS SRAM with PLL proportional self-timing generator 92228
Nakamura, K., Kuhara, S., Kimura, T., Takada, M., Suzuki, H., Yoshida, H., Yamazaki, T. A 220-MHz pipelined 16-Mb BiCMOS SRAM with PLL proportional self-timing generator 92237
Nakamura, K., Kumagai, H., Okamoto, K. Study on precipitation radar for TRMM follow on mission 77353
Nakamura, K., Liou, R., Gundersen, M. High density plasma source for plasma lens experiments 87878
Nakamura, K., Tourlog, A. Effect of a ferroelectric inversion layer on the temperature characteristics of SH-Type surface acoustic waves on 36° Y-X $LiTaO_3$ substrates 93862
Nakamura, K. *see* Arai, K. 77263
Nakamura, K. *see* Hanado, H. 77386
Nakamura, K. *see* Hinohara, K. 61993
Nakamura, K. *see* Hirota, K. 77746
Nakamura, K. *see* Hisamoto, D. 55988
Nakamura, K. *see* Hisamoto, D. 62844
Nakamura, K. *see* Ichihara, T. 59299
Nakamura, K. *see* Ito, S. 93153
Nakamura, K. *see* Kobayashi, T. 77571
Nakamura, K. *see* Li, F. 77360
Nakamura, K. *see* Mikami, Y. 53000
Nakamura, K. *see* Miyazaki, O. 72120
Nakamura, K. *see* Nakayama, A. 72200
Nakamura, K. *see* Nakazawa, S. 69003
Nakamura, K. *see* Ohmae, T. 90615
Nakamura, K. *see* Ohmi, K. 71357
Nakamura, K. *see* Ohmi, T. 62460
Nakamura, K. *see* Ohsaki, Y. 77366
Nakamura, K. *see* Sakamoto, T. 93043
Nakamura, K. *see* Shimomura, K. 55290
Nakamura, K. *see* Takahisa, K. 100601
Nakamura, K. *see* Verma, S.C. 68011
Nakamura, K. *see* Yamada, K. 53560
Nakamura, K. *see* Yamada, K. 75790
Nakamura, K. *see* Yamada, K. 77743
Nakamura, K. *see* Yamada, K. 99361
Nakamura, K. *see* Yamada, K. 99377
Nakamura, K. *see* Yamamoto, N. 72468
Nakamura, K. *see* Yamashita, N. 92240
Nakamura, K. *see* Yamashita, N. 92289
Nakamura, K.-I. *see* Tanabe, H. 79888
Nakamura, K.G. *see* Kuroki, H. 93247
Nakamura, M., Harui, M., Yasuda, H., Mashiko, Y., Takayama, T., Takiguchi, M. CD player technologies 75786
Nakamura, M., Miyata, K., Shibasaki, H., Ikeda, A. Automatic detection of vigilance level as for pre-processing of automatic EEG interpretation 88507
Nakamura, M., Sugimoto, I., Kuwano, H. Chemical sensing system using plasma polymer films and pattern recognition algorithm 66577
Nakamura, M., Sugimoto, I., Kuwano, H., Lemos, R. Chemical sensing by analysing dynamics of plasma polymer film-coated sensors 98160
Nakamura, M., Tsumura, H., Kawashima, N. Telecommunications network services for personal communicators and electronic publishing 85857
Nakamura, M. *see* Aoki, S. 53304
Nakamura, M. *see* Hikosaka, Y. 55806
Nakamura, M. *see* Hojo, H. 67677
Nakamura, M. *see* Jitsuhara, S. 100027
Nakamura, M. *see* Kondo, Y. 50529
Nakamura, M. *see* Minowa, I. 92659
Nakamura, M. *see* Nanayakkara, N. 78519
Nakamura, M. *see* Nishiyama, H. 80906
Nakamura, M. *see* Ohnishi, H. 68221
Nakamura, M. *see* Ohno, K. 72455
Nakamura, M. *see* Ohsugi, T. 59069
Nakamura, M. *see* Sugimoto, I. 87335
Nakamura, M. *see* Yamamoto, K. 59131
Nakamura, M.M. *see* Abud Filho, E. 86053
Nakamura, N., Katsura, T. Test of fast-digital beamline feedback control at the photon factory 76473
Nakamura, N. *see* Kirimura, H. 79946
Nakamura, N. *see* Ohsawa, S. 98093
Nakamura, N. *see* Shinoe, K. 76485
Nakamura, N. *see* Shinoe, K. 76498
Nakamura, N. *see* Yamashita, H. 97663
Nakamura, O., Goto, M., Toyoda, K., Takai, N., Kurosawa, T., Nakamata, T. A laser tracking robot-performance calibration system using ball-seated bearing mechanisms and a spherically shaped cat's-eye retroreflector 53054
Nakamura, O. *see* Genji, T. 78746
Nakamura, O. *see* Kobayashi, T. 79463
Nakamura, O. *see* Numagami, Y. 60990
Nakamura, O. *see* Oku, K. 59922
Nakamura, O. *see* Ueno, K. 84925
Nakamura, R. *see* Yamamoto, H. 69056
Nakamura, S. Satellite monitoring of storm flood spread as a land-ocean interaction 77495
Nakamura, S., Hashimoto, C., Mori, O. Precise and flexible modeling for semiconductor wafer fabrication 69536
Nakamura, S., Tajima, K., Sugimoto, Y. Experimental investigation on high-speed switching characteristics of a novel symmetric Mach-Zehnder all-optical switch 73068

Nakamura, S., Toyofuku, T., Sueda, M., Hasegawa, K., Kato, I., Takada, T. Bipolar technology for 0.5-micron-wide base transistor with an ECL gate delay of 21.5 picoseconds 62966
Nakamura, S. *see* Hara, T. 93128
Nakamura, S. *see* Iwasaki, K. 49442
Nakamura, S. *see* Kitamura, T. 80738
Nakamura, S. *see* Kohama, T. 67595
Nakamura, S. *see* Maekawa, T. 61756
Nakamura, S. *see* Matsumura, M. 52781
Nakamura, S. *see* Nakase, S. 97439
Nakamura, S. *see* Nanto, H. 72579
Nakamura, S. *see* Nashimoto, K. 91435
Nakamura, S. *see* Saito, M. 56386
Nakamura, S. *see* Sawada, A. 98273
Nakamura, S. *see* Soda, M. 97327
Nakamura, S. *see* Tomeoka, H. 89176
Nakamura, S. *see* Wasaki, H. 80524
Nakamura, S. *see* Yamakawa, T. 49559
Nakamura, S. *see* Yanagawa, H. 72411
Nakamura, T. Estimation of broad band impedance of the SPring-8 storage ring 87630
Nakamura, T., Fukuda, E., Toda, Y. A portable terminal for the personal digital cellular (PDC) telephone system 86093
Nakamura, T., Hanagama, Y., Nikawa, K., Tsujide, T. LSI fast fault localization by continuously gated fault imaging method 82048
Nakamura, T., Isshiki, H., Yamamoto, Y. Development of device measuring human motion and psychological activity based on bioimpedance 98758
Nakamura, T., Kamiya, S., Yokokawa, S. Transmission and radiation properties of a surface wave transmission line with a bend 94891
Nakamura, T., Kato, Y., Sugiura, T. 30 kW battery driven DC brushless servo motors 78647
Nakamura, T., Nakao, Y., Kamisawa, A., Takasu, H. Preparation of $Pb(Zr,Ti)O_3$ thin films on electrodes including IrO_2 82158
Nakamura, T., Nakao, Y., Kamisawa, A., Takasu, H. Preparation of $Pb(Zr,Ti)O_3$ thin films on Ir and IrO_2 electrodes 91551
Nakamura, T., Nakashima, K., Shinoda, S. High quality image processing method using moire suppression and edge enhancement filtering 64599
Nakamura, T., Tanaka, S., Tokuda, H., Fujimoto, T., Iiyama, M. Study on a superconducting channel transistor 93963
Nakamura, T., Tsujimura, N., Yamano, T., Suzuki, T., Okamoto, E. Development and characterization of real-time wide-energy range personal neutron dosimeter 59430
Nakamura, T. *see* Chugo, A. 52119
Nakamura, T. *see* Findikoglu, A.T. 87482
Nakamura, T. *see* Hikida, K. 63586
Nakamura, T. *see* Ishida, M. 69987
Nakamura, T. *see* Jongdae Park 67450
Nakamura, T. *see* Kato, N. 62833
Nakamura, T. *see* Kawahito, S. 52826
Nakamura, T. *see* Kawahito, S. 66244
Nakamura, T. *see* Kawahito, S. 67462
Nakamura, T. *see* Kinoshita, K. 98201
Nakamura, T. *see* Kiyota, Y. 49874
Nakamura, T. *see* Kiyota, Y. 71309
Nakamura, T. *see* Kiyota, Y. 71678
Nakamura, T. *see* Komoda, K. 52743
Nakamura, T. *see* Komoda, T. 72121
Nakamura, T. *see* Komoto, E. 80363
Nakamura, T. *see* Makino, S. 50261
Nakamura, T. *see* Matsuda, H. 55929
Nakamura, T. *see* Minakata, R. 72152
Nakamura, T. *see* Mochizuki, K. 70003
Nakamura, T. *see* Muhammet, R. 91571
Nakamura, T. *see* Nakao, Y. 91554
Nakamura, T. *see* Onai, T. 93578
Nakamura, T. *see* Rashid, E. 74770
Nakamura, T. *see* Soga, O. 62004
Nakamura, T. *see* Tajima, Y. 52350
Nakamura, T. *see* Takahasi, K. 67909
Nakamura, T. *see* Tamaki, Y. 49975
Nakamura, T. *see* Tamaki, Y. 81820
Nakamura, T. *see* Tanoue, T. 62706
Nakamura, T. *see* Tsutsumi, M. 77364
Nakamura, T. *see* Yamaguchi, T. 99045
Nakamura, T. *see* Yamamoto, Y. 98260
Nakamura, T. *see* Young-Tae Lee 66237
Nakamura, T.T. *see* Kurashige, H. 98665
Nakamura, Y., Ito, S. Lowering energy consumption of Space robot systems through kinetic energy conservation 54163
Nakamura, Y., Katsushima, Y., Takahashi, K., Mizukoshi, H. An implementation of the video communication subsystem 85460
Nakamura, Y., Miki, T., Nishikawa, Y., Okada, K. A 10 bit 50 megasample per second CMOS DA converter that operates on 3V 55316
Nakamura, Y., Ohta, M., Nishioka, T., Tanaka, A., Ohizumi, S.-i., Tabata, H., Kohmoto, M. Effects of mechanical and flow properties of encapsulating resin on the performance of ultra thin tape carrier package 93567
Nakamura, Y., Okazaki, Y., Harase, J., Takahashi, N. The DC and AC magnetic properties of a high-purity grain-oriented iron sheet 63135
Nakamura, Y., Otani, T. Suppression of irregularity in frequency response and directivity of a piezoelectric polymer film hydrophone 77744
Nakamura, Y., Tsuchiya, M., Koshiba, S., Noge, H., Sakaki, H. Modulation of one-dimensional electron density in n-AlGaAs/GaAs edge quantum wire transistor 56003
Nakamura, Y., Yamamoto, S., Muraoka, H., Watanabe, I., Fujii, H. Perpendicular magnetic recording hard disk media using ferrite substrate 72088
Nakamura, Y. *see* Aikawa, S. 52340
Nakamura, Y. *see* Fujii, H. 72122
Nakamura, Y. *see* Koshiba, S. 79862
Nakamura, Y. *see* Mizukoshi, H. 85459
Nakamura, Y. *see* Muraoka, H. 50368
Nakamura, Y. *see* Muraoka, H. 72086
Nakamura, Y. *see* Nishiyama, T. 70445
Nakamura, Y. *see* Okamoto, Y. 61411
Nakamura, Y. *see* Osawa, H. 63214
Nakamura, Y. *see* Ouchi, K. 72090
Nakamura, Y. *see* Sakamoto, T. 93043
Nakamura, Y. *see* Sang-Jin Jung 58869
Nakamura, Y. *see* Satoh, Y. 56219
Nakamura, Y. *see* Shimizu, N. 95805
Nakamura, Y. *see* Shinohara, M. 71972
Nakamura, Y. *see* Tagawa, I. 50324
Nakamura, Y. *see* Tagawa, I. 72103
Nakamura, Y. *see* Tagawa, I. 72116
Nakamura, Y. *see* Takano, K. 72087
Nakamura, Y. *see* Tanda, T. 86146
Nakamura, Y. *see* Yamamori, K. 85458
Nakand, J. *see* Fukuda, M. 63777
Nakane, G. *see* Sumi, T. 93798
Nakanishi, H., Sawaya, T., Endo, S., Irie, T. Electrical and optical properties of $CuInSe_2$ single crystals with various deviations from stoichiometry 62216
Nakanishi, H. *see* Barletta, B. 76636
Nakanishi, H. *see* Bhatnagar, M. 55887
Nakanishi, H. *see* Bhatnagar, M. 62679
Nakanishi, H. *see* Fujita, H. 62565
Nakanishi, H. *see* Nakajima, K. 76627
Nakanishi, H. *see* Ogata, A. 87880
Nakanishi, J., Otsuki, A., Oku, T., Ishiwata, O., Murakami, M. Formation of ohmic contacts to p-type diamond using carbide forming metals 81341
Nakanishi, J. *see* Kawaguchi, G. 62303
Nakanishi, J. *see* Yagi, H. 58831
Nakanishi, K. *see* Hama, H. 93702
Nakanishi, K. *see* Inoue, K. 82485
Nakanishi, K. *see* Inoue, K. 86446
Nakanishi, K. *see* Karube, I. 66519
Nakanishi, M. DC superconducting quantum interference device magnetometer for cryogenic current comparator 97909
Nakanishi, M. *see* Kinoshita, J. 86928
Nakanishi, M. *see* Koshiba, N. 78791
Nakanishi, M. *see* Koshiba, N. 90350
Nakanishi, M. *see* Koshiba, N. 90351
Nakanishi, M. *see* Murayama, Y. 86834
Nakanishi, R., Miyazaki, T., Uematsu, H., Uchida, K., Taki, I. 72.5 kV gas-insulated switchgear 90222
Nakanishi, T., Ishikawa, K., Minagawa, S., Sakamoto, K., Fujii, H., Kimura, F. Request type multi-function information system 58594
Nakanishi, T., Kirita, H., Taguchi, K., Kariya, K. Automobile speed measurement on TV picture 76214
Nakanishi, T., Sato, Y., Okuno, M., Takasaki, K. Improvement in MOS reliability by oxidation in ozone 71704
Nakanishi, T. *see* Honda, K. 62319
Nakanishi, T. *see* Kato, K. 84702
Nakanishi, T. *see* Komaru, M. 55836
Nakanishi, T. *see* Krishfield, R. 99227
Nakanishi, T. *see* Tanabe, K. 66150
Nakanishi, T. *see* Tanaka, H. 53137
Nakanishi, T. *see* Yarai, A. 70200
Nakanishi, Y., Nakatani, Y., Iizumi, M., Kasuya, M. Partial discharge detection by AE sensors for prefabricated joints for XLPE cables 78124
Nakanishi, Y., Nakatani, Y., Suzuki, H., Endoh, T. Development of a live-line partial-discharge detection method for XLPE-insulated copper wire-shielded cable using a "yoke coil" 78123
Nakanishi, Y. *see* Kuwabara, H. 61319
Nakanishi, Y. *see* Sangawa, U. 81731
Nakanishi, Y. *see* Wickramanayaka, S. 70133
Nakano, A., Kalia, R.K., Vashishta, P. Nonlinear electron dynamics in a resonant tunneling diode: Langevin-quantum-dynamics simulations on a massively parallel computer 55873
Nakano, H. *see* Arai, S. 78716
Nakano, H. *see* Ikegami, N. 61564
Nakano, H. *see* Murase, T. 89060
Nakano, H. *see* Nabae, A. 100272
Nakano, H. *see* Nakatani, M. 71469
Nakano, H. *see* Ogawa, T. 71512
Nakano, H. *see* Okamura, Y. 78715
Nakano, H. *see* Sawasa, H. 80547
Nakano, H. *see* Shiratake, S. 70528
Nakano, H. *see* Takashima, D. 49423
Nakano, H. *see* Takashima, D. 49429
Nakano, H. *see* Takashima, D. 70543
Nakano, H. *see* Takashima, D. 70555
Nakano, H. *see* Takashima, D. 70558
Nakano, H. *see* Tanzawa, T. 70527
Nakano, H. *see* Togasawa, S. 59849
Nakano, H. *see* Tsukada, M. 65544
Nakano, H. *see* Yamauchi, J. 50462
Nakano, H. *see* Yamauchi, J. 56381
Nakano, H. *see* Yamauchi, J. 94945
Nakano, I. *see* Fukushima, Y. 67382
Nakano, I. *see* Hara, K. 82557
Nakano, J. *see* Ando, T. 92845
Nakano, J. *see* Yamamoto, M. 63785
Nakano, K., Kasahara, H. Parallel processing of non-linear equation solutions on multiprocessor systems 61179
Nakano, K., Maeda, K., Iwasa, S., Yano, J., Ogura, Y., Hasegawa, E. Transparent photoacid generator (ALS) for ArF excimer laser lithography and chemically amplified resist 81629
Nakano, K. *see* Itoh, S. 56759
Nakano, K. *see* Itoh, S. 72879
Nakano, K. *see* Kondo, K. 83123
Nakano, K. *see* Nakayama, N. 50851
Nakano, K. *see* Ozawa, M. 72841
Nakano, K. *see* Shimada, K. 75354
Nakano, M., Iijima, Y., Tung-Hai Chin Quasi state variable method for switching DC-DC converters 61556
Nakano, M., Iijima, Y., Tung-Hai Chin Quasi-state variable method for precise modeling of DC-DC converter circuits 100342
Nakano, M. *see* Kawamura, A. 70508
Nakano, M. *see* Kotaki, H. 91447
Nakano, M. *see* Nakata, T. 56200
Nakano, M. *see* Nakata, T. 63128
Nakano, M. *see* Nakata, T. 66659
Nakano, M. *see* Nakata, T. 82244
Nakano, M. *see* Tung-Hai Chin 90172
Nakano, M. *see* Yoshida, S. 58094
Nakano, N., Ogawa, S. Preparation of thin gold-film electrode for an electrochemical gas sensor for phosphine and arsine 98156
Nakano, N., Petrovic, Z.L., Makabe, T. The radical transport in the narrow-gap-reactive-ion etcher in SF_6 by the relaxation continuum model 55815
Nakano, R. *see* Ueda, N. 95163
Nakano, S. *see* De, S.C. 91580
Nakano, S. *see* Maruyama, E. 100528
Nakano, S. *see* Matsuyama, T. 100579
Nakano, S. *see* Niki, K. 66250
Nakano, S. *see* Nishikawa, Y. 68342
Nakano, S. *see* Nishikuni, M. 78812
Nakano, S. *see* Noguchi, S. 71629
Nakano, S. *see* Okano, H. 71859
Nakano, S. *see* Sasaki, M. 100603
Nakano, S. *see* Sawada, T. 100524
Nakano, S. *see* Sawada, T. 100588
Nakano, S. *see* Sayama, K. 100595
Nakano, S. *see* Tsujino, N. 100023
Nakano, S. *see* Wada, T. 62458
Nakano, S. *see* Yamanaka, K. 90036
Nakano, S.-I., Oguma, T., Nishizeki, T. A linear-time algorithm for c-triangulating three-colored graphs 48805
Nakano, T. *see* Birch, J.R. 76149
Nakano, T. *see* Morimoto, M. 97662
Nakano, T. *see* Murabayashi, F. 49486
Nakano, T. *see* Murooka, Y. 75921
Nakano, T. *see* Murooka, Y. 98246
Nakano, T. *see* Mutoh, N. 98090
Nakano, T. *see* Orihara, K. 66047
Nakano, T. *see* Sato, T. 68713
Nakano, T. *see* Tanaka, S. 49489
Nakano, T. *see* Tanaka, S. 70666
Nakano, T. *see* Yamaguchi, T. 81089
Nakano, Y., Katou, H. UPS with the function of automatic shutdown 100237
Nakano, Y., Yahagi, H., Okada, Y., Yoshida, S. Highly efficient universal coding with classifying to subdictionaries for text compression 57896
Nakano, Y. *see* Koseki, K. 70172
Nakano, Y. *see* Nishimura, S. 75070
Nakano, Y. *see* Shimazu, Y. 67316
Nakano, Y. *see* Tada, K. 72423
Nakano, Y. *see* Takase, A. 75147
Nakao, H., Takahashi, K., Sadakane, T., Okuda, R., Terai, M., Sato, K. Automatic layout technology for CMOS gate arrays 55045
Nakao, K. *see* Fukuda, S. 67166
Nakao, K. *see* Murata, S. 86810
Nakao, M., Yoshinobu, T., Iwasaki, H. Improvement of spatial resolution of a laser-scanning pH-imaging sensor 52949
Nakao, M., Yoshinobu, T., Iwasaki, H. Scanning-laser-beam semiconductor pH-imaging sensor 98121
Nakao, M. *see* Asano, N. 54146
Nakao, M. *see* Boterenbrood, H. 59186
Nakao, M.T., Watanabe, Y. On computational proofs of the existence of solutions to nonlinear parabolic problems 69876
Nakao, N., Harakawa, T., Sakagami, M., Nakayama, T., Matsuhashi, S. Automated equipment to assemble connectors for telecommunication cables 52295
Nakao, O. *see* Ito, F. 63934
Nakao, T. *see* Uenoyama, T. 71279
Nakao, T. *see* Unekawa, Y. 49419
Nakao, T. *see* Unekawa, Y. 70548
Nakao, Y., Itoh, H., Hoshino, S., Sakai, Y., Tagashira, H. Effects of additives on prebreakdown phenomena in n-hexane 63062

Nakao, Y., Kitakami, N. The new generation, high-performance "M16" 16b microcontrollers 92278
Nakao, Y., Kitakami, N., Shimizu, T., Miwa, H., Mizugaki, S. M16 Series: a new-generation high-performance 16 bit microcontroller 55287
Nakao, Y., Nakamura, T., Kamisawa, A., Takasu, H., Soyama, N., Atsuki, T., Ogi, K. Study on Pb-based ferroelectric thin films prepared by sol-gel method for memory application 91554
Nakao, Y. *see* Nakamura, T. 82158
Nakao, Y. *see* Nakamura, T. 91551
Nakaoka, H. *see* Hori, A. 93423
Nakaoka, M. *see* Fukuda, H. 88427
Nakaoka, M. *see* Furuya, S.-I. 54045
Nakaoka, M. *see* Hamada, S. 78725
Nakaoka, M. *see* Hamada, S. 100226
Nakaoka, M. *see* Inoue, K. 100164
Nakaoka, M. *see* Nagai, S. 55113
Nakaoka, M. *see* Nagai, S. 68870
Nakaoka, M. *see* Nagai, S. 69231
Nakaoka, M. *see* Nagai, S. 91880
Nakaoka, M. *see* Ogino, Y. 69057
Nakaoka, M. *see* Ogiwara, H. 68776
Nakaoka, M. *see* Ogiwara, H. 100939
Nakaoka, M. *see* Ogiwara, H. 100940
Nakaoka, M. *see* Okuno, A. 90657
Nakaoka, M. *see* Okuno, A. 100945
Nakaoka, M. *see* Okuno, A. 100948
Nakaoka, M. *see* Okuno, P. 68719
Nakaoka, M. *see* Yonemori, H. 90208
Nakaoka, M. *see* Yonemori, H. 100303
Nakaoka, M. *see* Yurugi, K. 100234
Nakaoka, M. *see* Yurugi, K. 100302
Nakarai, H. *see* Kobayashi, Y. 71527
Nakase, H., Namba, A., Masu, K., Tsubouchi, K. Full-duplex asynchronous spread spectrum modem using a SAW convolver for 2.4 GHz wireless LAN 85970
Nakase, M. *see* Ushirogouchi, T. 81630
Nakase, S., Sugiura, N., Nakamura, S. Characteristics and use of APD in optical rangefinders 97439
Nakasha, Y. *see* Watanabe, Y. 61724
Nakashi, K., Shirahama, H., Taniguchi, K., Tsukahara, O., Ezaki, T. Computer simulation of jitter characteristics of PLL for arbitrary data and jitter patterns 70333
Nakashi, K. *see* Shirahama, H. 70715
Nakashiki, N. *see* Lund, P.C. 88835
Nakashima, H. The superconducting magnet for the Maglev transport system 82405
Nakashima, H. *see* Kominami, M. 83592
Nakashima, H. *see* Yamashita, T. 87510
Nakashima, K. Hybrid inspection system for LCD color filter panels 98222
Nakashima, K., Obuchi, Y., Inoue, K. High-speed Hough transform employing CCD area image sensor 64719
Nakashima, K. *see* Hirai, Y. 63496
Nakashima, K. *see* Nakamura, T. 64599
Nakashima, K. *see* Rezek, A.J.J. 100121
Nakashima, K. *see* Takagi, N. 49255
Nakashima, N. *see* Muraoka, T. 66703
Nakashima, S., Harada, M., Tsuchiya, T. Improvement of the breakdown field of SIMOX buried oxide layers 93558
Nakashima, T., Kuroki, N., Teshigawara, S. TCP/IP communication function 85310
Nakashima, T. *see* Dobashi, Y. 90626
Nakashima, Y., Hashimoto, H., Chiba, Y., Mori, Y. The application of van Doorn apparatus to the selenization of $CuInSe_2$ 61356
Nakashima, Y. *see* Ito, N. 79996
Nakashizuka, M., Kikuchi, H., Ishii, I., Makino, H. Displacement estimation by cross-scalograms 95777
Nakasima, H., Hazumi, S., Kamiya, T., Tominaga, K., Okada, M. Electrical properties for capacitors of dynamic random access memory on $(Pb,La)(Zr,Ti)O_3$ thin films by metalorganic chemical vapor deposition 91569
Nakaso, N., Ohira, K., Yanaka, M., Tsukahara, Y. Measurement of acoustic reflection coefficients by an ultrasonic microspectrometer 70181
Nakasuga, Y., Horikawa, K., Ogawa, H. Balanced cascaded optical intensity modulator links for frequency multiplexing and mixing 97272
Nakasugi, T. *see* Mizuno, T. 71699
Nakasuji, M., Shimizu, H., Kato, T. Low voltage and high speed operating electrostatic wafer chuck using sputtered tantalum oxide membrane 93112
Nakasuka, Y. *see* Ogawa, H. 86503
Nakasuka, Y. *see* Ogawa, H. 97270
Nakata, I. *see* Kurata, M. 66091
Nakata, I. *see* Nishida, S. 86811
Nakata, J., Inagawa, I., Yamamoto, K., Honda, H., Kuratani, N., Furuichi, S., Noguchi, T., Kudoh, M. Gravity-dependent silicon crystal growth using a laser heating system in drop shaft 91408
Nakata, J., Shibata, T., Nanishi, Y., Fujimoto, M. Suppression of AlSb oxidation with hydrocarbon passivation layer induced by MeV-He^+ irradiation 81477
Nakata, J. *see* Shibata, T. 55748
Nakata, K. A formant extraction not influenced by pitch frequency variations 51377
Nakata, K. Formant extraction by the adaptive control algorithm of AR system 95280
Nakata, M., Wagner, S. Fast growth of hydrogenated amorphous silicon from dichlorosilane 91576
Nakata, M. *see* Wagner, S. 100589
Nakata, M. *see* Yamashita, K. 97253
Nakata, N. *see* Fukui, A. 96748
Nakata, S. Observation of the charging effect in I-V characteristics through a quantum dot fabricated by a focused ion beam at 4.2 K 71190
Nakata, S., Ito, H., Nakagawa, T., Hayashi, K., Ito, J., Okuda, S. High-resolution CRTs 49754
Nakata, S., Nakagawa, T. Fast magnetic field analysis of a deflection yoke with a slot core 73237
Nakata, S., Tomizawa, M., Yamamoto, M., Ikuta, K., Mizutani, T. Electrical transport properties and confinement potential analysis of buried AlGaAs/GaAs quantum wires 81274
Nakata, S. *see* Ohuchi, M. 61758
Nakata, S. *see* Tsukishima, C. 87862
Nakata, T., Fujiwara, K., Takahashi, N., Nakano, M., Okamoto, N. An improved numerical analysis of flux distributions in anisotropic materials 82244
Nakata, T., Sato, M., Ninomiya, T., Yoshine, T., Yamada, M. Effect of pressure on combustion characteristics in LBG-fueled 1300°C-class gas turbine 78473
Nakata, T., Takahashi, N., Fujiwara, K., Nakano, M. Measurement of magnetic characteristics along arbitrary directions of grain-oriented silicon steel up to high flux densities 56200
Nakata, T., Takahashi, N., Fujiwara, K., Nakano, M. Numerical analysis of flux distributions in cores made of anisotropic materials 63128
Nakata, T., Takahashi, N., Fujiwara, K., Nakano, M. Study of horizontal-type single sheet testers 66659
Nakata, T. *see* Iwashita, H. 92302
Nakata, T. *see* Misawa, K. 60387
Nakata, T. *see* Sato, J. 49492
Nakata, T. *see* Takahashi, N. 60154
Nakata, T. *see* Takahashi, N. 83438
Nakata, T. *see* Wang, J.L. 49592
Nakata, T. *see* Yamada, T. 83330
Nakata, Y. *see* Yamamoto, K. 97603
Nakata Jun-ichi *see* Jun-ichi Nakata
Nakatake, S., Kajitani, Y. Channel-driven global routing with consistent placement 92158
Nakatani, I. *see* Hirae, S. 55768
Nakatani, M., Matsuoka, H., Nakano, H., Kamon, K., Sato, K., Ishihara, O., Mitsui, S. Effect of shifter edge angle and lens aberration on the pattern profile in edge-line phase shift method 71469
Nakatani, N., Oshio, T. Atomic force detection system with a differential heterodyne interferometer using an optical fiber array 76017
Nakatani, S. *see* Akiyama, T. 97609
Nakatani, Y. Technological background of the multi-image communication system (MICS) 96578
Nakatani, Y., Koyano, H. NTT's facsimile communications network service. Taking the lead in multimedia communications networks 96574
Nakatani, Y. *see* Nakanishi, Y. 78123
Nakatani, Y. *see* Nakanishi, Y. 78124
Nakato, Y. *see* Ishida, T. 60452
Nakato, Y. *see* Kobayashi, H. 55889
Nakato, Y. *see* Kobayashi, H. 100433
Nakatsu, E., Kobayashi, M. A multi-level/phase signal recording system for channel coding of digital VCR 75758
Nakatsuji, H. *see* Fukunishi, Y. 79799
Nakatsuji, T. *see* Muto, N. 61436
Nakatsuka, M. *see* Ohmi, M. 63685
Nakatsuka, M. *see* Yamakawa, K. 94413
Nakatsuka, S. *see* Hyun-Chul Ko 49898
Nakatsuka, S. *see* Takemoto, K. 100420
Nakatsuka, T. *see* Niwa, T. 63087
Nakauchi, Y. *see* Kawasugi, K. 65460
Nakaue, A. *see* Sato, M. 50292
Nakaue, K., Tsunoda, K., Tsuzuki, H., Takahama, K. Advanced terminal control console 58303
Nakaya, C. *see* Taniguchi, Y. 53394
Nakaya, H., Nishida, M., Takeda, Y., Moriuchi, S., Tonegawa, T., Machida, T., Nunoi, T. Polycrystalline silicon solar cells with V-grooved surface 100573
Nakaya, K. *see* Kawai, M. 96793
Nakaya, K. *see* Motoyama, Y. 97188
Nakaya, T. *see* Suzuki, S. 55526
Nakaya, Y., Harashima, H. Motion compensation based on spatial transformations 74498
Nakayama, A. A measurement method of complex permittivity at pseudo microwave frequencies using a cavity resonator filled with dielectric material 87455
Nakayama, A., Hayama, S., Ohya, M., Nakamura, K., Okabe, Y. Fabrication of $YBa_2Cu_3O_x$ superconducting thin film and $YBa_2Cu_3O_x/Au/Au/YBa_2Cu_3O_x$ Josephson device 72200
Nakayama, A., Inaba, N., Sawachi, S., Ishizu, K., Okabe, Y. Fabrication of $Nb/AlO_x/Nb$ Josephson tunnel junctions by sputtering apparatus with load-lock system 91595
Nakayama, A., Shimizu, K. An improved reflection wave method for measurement of complex permittivity at 100 MHz-1 GHz 66652
Nakayama, A. *see* Higasa, H. 54194
Nakayama, E., Fukuhara, T., Oikawa, M., Uchida, I. ORP1200 oscillographic recorder 66595
Nakayama, H., Arita, E., Mizutani, Y., Tsunashima, K. High resolution MUSE-NTSC converter 86725
Nakayama, H. *see* Fukushima, T. 94484
Nakayama, H. *see* Kita, T. 93036
Nakayama, H. *see* Mimashi, T. 76499
Nakayama, H. *see* Namegaya, T. 63786
Nakayama, H. *see* Ogawa, H. 70052
Nakayama, H. *see* Onoda, M. 72620
Nakayama, H. *see* Sato, T. 61703
Nakayama, H. *see* Tsunoda, T. 60582
Nakayama, I., Inose, H., Goka, Y., Kikuchi, S., Takori, M., Kaneko, T., Kitamoto, T. Signal processing LSI for BS/CS tuner μPD6396A, μPC2742 65722
Nakayama, I. *see* Ohkuni, M. 71378
Nakayama, I. *see* Tamaki, T. 93264
Nakayama, J. Generation of stationary random signals with arbitrary probability distribution and exponential correlation 64569
Nakayama, K., Fujimoto, H., Tanaka, M., Misawa, G. Silicon lattice measurement with an X-ray/optical interferometer in a vacuum [Avogadro constant determination] 86984
Nakayama, K. *see* Fujimoto, H. 87534
Nakayama, M., Toyama, Y., Shimizu, Y. Effectiveness of HDTV display on presenting geometrical proof 58584
Nakayama, M. *see* Kikuchi, T. 77289
Nakayama, M. *see* Kuwabara, H. 61319
Nakayama, M.K. *see* Shahabuddin, P. 69705
Nakayama, N., Arita, T., Aramoto, T., Nishio, T., Higuchi, H., Omura, K., Hiramatsu, K., Ueno, N., Murozono, M., Takakura, H. Junction structure and physical properties of heteroepitaxial CdS/CdTe 93005
Nakayama, N., Okuyama, H., Kato, E., Itoh, S., Ozawa, M., Ohata, T., Nakano, K., Ikeda, M., Ishibashi, A., Mori, Y. Continuous-wave operation of ZnMgSSe based blue-green laser diodes under high temperature and high output power 50851
Nakayama, N. *see* Higuchi, H. 100494
Nakayama, N. *see* Ho, G. 67899
Nakayama, N. *see* Itoh, S. 56759
Nakayama, N. *see* Itoh, S. 72879
Nakayama, N. *see* Ozawa, M. 72841
Nakayama, N. *see* Satoh, S. 61696
Nakayama, R., Takeshita, T., Itakura, M., Kuwano, N., Oki, K. Microstructures and crystallographic orientation of crystalline grains in anisotropic Nd-Fe-Co-B-(Ga or Zr) magnet powders produced by the hydrogenation-decomposition-desorption-recombination process 71969
Nakayama, S. Microwave measurements of moisture content of aggregate 66776
Nakayama, S. Microwave measurements of low pulp concentration in papermaking process 76176
Nakayama, S. *see* Chinone, K. 53368
Nakayama, S. *see* Niwa, T. 63087
Nakayama, S. *see* Ohki, T. 68428
Nakayama, T., Kotake, T., Adachi, M., Ito, T. Seismic response simulation of power substation apparatus 100409
Nakayama, T., Mihara, M., Miyawaki, Y., Ooi, M., Arai, H. A 16 Mbit flash memory with block-erasure capability 55257
Nakayama, T., Oba, Y. Current electric power network analysis 99421
Nakayama, T., Oi, M. A 16 Mb block-erasable flash memory 92213
Nakayama, T. *see* Kobayashi, S. 49425
Nakayama, T. *see* Kobayashi, S. 70561
Nakayama, T. *see* Mihara, M. 92227
Nakayama, T. *see* Miyawaki, Y. 70526
Nakayama, T. *see* Nakao, N. 52295
Nakayama, T. *see* Suzuki, K. 92288
Nakayama, T. *see* Uose, H. 58221
Nakayama, W. Information processing and heat transfer engineering: Some generic views on future research needs 79434
Nakayama, Y., Toyoda, K. New submicron dimension reference for electron-beam metrology system 87522
Nakayama, Y. *see* Seki, K. 52799
Nakayama, Y. *see* Takeuchi, S. 77490
Nakayama, Y. *see* Watanabe, M. 71534
Nakayama, Z., Wakashima, K., Uzino, T., Tuzaki, K., Yokoi, N., Mizuno, S. JRC Inter-Network Processor IP200/300 Multi-Protocol Routers 65260
Nakayashiki, S., Kashio, J., Harakawa, T. A reconfigurable wiring concentrator in hierarchical star with dual-ring LAN 65300
Nakayasu, F. *see* Badics, Z. 80003
Nakayasu, F. *see* Badics, Z. 80011
Nakazato, J. *see* Katayama, H. 55682
Nakazato, K., Blaikie, R.J., Ahmed, H. Single-electron memory 61691
Nakazato, K., White, J.D. Single-electron switch for phase-locked single-electron logic devices 61664
Nakazato, M. *see* Kawashima, H. 63116

Nakazato, M. *see* Kawashima, H. 71888
Nakazato, M. *see* Kawashima, H. 76243
Nakazato, M. *see* Kawashima, H. 82184
Nakazato, M. *see* Kawashima, H. 93781
Nakazato, Y. Circularity measurement system as an application of SP-3000 75854
Nakazato, Y. *see* Abe, T. 49909
Nakazato, Y. *see* Fung, C.C. 98301
Nakazawa, H., Sasaki, K., Takimura, K., Ohmura, H. Control design concepts for the multi-image communication system 96581
Nakazawa, H. *see* Koike, T. 72188
Nakazawa, K. *see* Kurosawa, M. 99372
Nakazawa, K. *see* Toshima, T. 85457
Nakazawa, M., Suzuki, K., Kubota, H., Yamada, E., Kimura, Y. Straight-line soliton data transmission at 20 Gbit/s beyond Gordon-Haus limit 75509
Nakazawa, M., Yoshida, E., Kimura, Y. Ultrastable harmonically and regeneratively modelocked polarisation-maintaining erbium fibre ring laser 83016
Nakazawa, M., Yoshida, E., Yamada, E., Suzuki, K., Kitoh, T., Kawachi, M. 80 Gbit/s soliton data transmission over 500 km with unequal amplitude solitons for timing clock extraction 97250
Nakazawa, M. *see* Greer, E.J. 94411
Nakazawa, M. *see* Kubota, H. 75403
Nakazawa, M. *see* Kurokawa, K. 83008
Nakazawa, M. *see* Takahashi, H. 59190
Nakazawa, M. *see* Takahashi, H. 59377
Nakazawa, M. *see* Takahashi, H. 98732
Nakazawa, M. *see* Yamada, E. 73015
Nakazawa, M. *see* Yamada, E. 82973
Nakazawa, M. *see* Yoshida, E. 94407
Nakazawa, N., Toba, H., Nagano, N., Takamure, T., Tanji, A., Kanno, N. FV-600M-H1 HDTV image-transmission equipment 86719
Nakazawa, S., Nakahara, K., Nakamura, K. Fundamental studies on the prediction of degradation of amorphous silicon solar cells 69003
Nakazawa, S. *see* Takahisa, K. 100601
Nakazawa, T. *see* Kuranouchi, S. 91548
Nakazawa, T. *see* Oishi, T. 48965
Nakazawa, T. *see* Sawada, K. 60964
Nakazawa, T. *see* Taoka, H. 53641
Nakazawa, T. *see* Taoka, H. 78242
Nakazima, O. *see* Kurata, H. 49688
Nakazoe, J. *see* Matsui, T. 97754
Nakazono, M. *see* Ando, T. 92845
Nakazono, T. *see* Nakamura, H. 98229
Nakesch, H., Pfutzner, H., Ruhsam, C., Nopp, P., Futschik, K. Five-electrode field plethysmography technique for separation of respiration and cardiac signals 77000
Nakhai, M.R. *see* Fekri, F. 73915
Nakhai, M.R. *see* Hoseini, S. 75126
Nakhla, M. Error probability for multilevel digital systems in presence of intersymbol interference and additive noise 75448
Nakhla, M. *see* Chiprout, E. 55099
Nakhla, M. *see* Lum, S. 57161
Nakhla, M. *see* Yuji Wei 80018
Nakhla, M. *see* Zaabab, A.H. 92604
Nakhla, M. *see* Zhang, Q.J. 54528
Nakhla, M.S. *see* Lu, L. 49117
Nakhla, M.S. *see* Sanaie, R. 49115
Nakhla, M.S. *see* Sanaie, R. 82056
Nakhodkin, N.G. *see* Chumakov, A.G. 64618
Nakonechnyi, A.N., Shpak, V.D. Adaptive optimization of the Monte-Carlo method 79556
Nakonechnyi, A.N. *see* Kovalenko, I.N. 48833
Nakos, J. *see* Koburger, C. 70397
Nakov, V. *see* Kraak, W. 71162
Nakra, H., McCallum, D., Venne, A. Real-time simulation requirements for study and optimisation of controls of high power static converters used in transmission systems 89064
Nalamasu, O. *see* Houlihan, F.M. 81624
Nalamasu, O. *see* Munzel, N. 81617
Nalamasu, O. *see* Ohfuji, T. 49931
Nalamasu, O. *see* Schaedeli, U. 81621
Nalamasu, O. *see* Schilling, M.L. 81628
Nalamasu, O. *see* Tarascon, R.G. 81635
Naldi, C.U. *see* Bonani, F. 62888
Naldi, C.U. *see* Bonani, F. 93300
Naldi, M. Clutter maps with adaptive updating for the detection of sea targets 58466
Nalesso, G.F. *see* Aceves, A.B. 72375
Nalesso, G.F. *see* Capobianco, A.D. 50515
Naletto, G., Tondello, G., Bonanno, G., Di Benedetto, R., Scuderi, S. Response analysis in the 300- to 2500-Å spectral range of ultraviolet-enhanced charge-coupled devices 87279
Nalivaiko, I.I. *see* Voronkov, V.V. 61316
Nalivaiko, O.Y. *see* Lesnikova, V.P. 70162
Nalivaiko, O.Y. *see* Turtsevich, A.S. 70152
Nalivaiko, O.Yu. *see* Turtsevich, A.S. 81554
Nallo, C.Di *see* Di Nallo, C.
Nam, C.W., Ashok, S., Tsai, W., Day, M.E. Silicon surface electrical properties after low-temperature in situ cleaning using an electron cyclotron resonance plasma 93197
Nam, D. *see* Ehlert, J.C. 83203
Nam, H.-D., Lee, H.Y. Fabrication and piezoelectric properties of PZT ceramics prepared by partial oxalate method 50140
Nam, K.M. *see* Park, D.J. 57870
Nam, L.H. *see* O'Farrell, T. 96238
Nam, N.S., Zolomy, I., Abdulhadi, A.H. Extremely high-sensitivity bulk-barrier phototransistor applying a polycrystalline emitter 58765
Nam, N.Thuy *see* Thuy Nam, N.
Nam, S. *see* Kim, B.-S. 62870
Nam, S. *see* Namkung, W. 67002
Nam, S.H., Cho, M.H., Oh, J.S., Park, S.S., Namkung, W. High power pulse modulators for PLS linac 68754
Nam, S.H., Gibson, J.D. Analysis of the smoothed residual-driven algorithm for speech coders 65485
Nam, S.H., Gibson, J.D. Analysis of the smoothed residual driven algorithm for speech coders 84064
Nam, S.H., Kim, K.Y., Yun, S.W., Ann, C. Design of waveguide bandpass filters using H-plane step discontinuities 70860
Nam, S.H. *see* Cho, M.H. 67044
Nam, S.W., Park, G.S., Cabrera, B., Huber, M.E. Optically induced inductance modulation of a Nb coil 93948
Nam, S.W., Powers, E.J. Application of higher order spectral analysis to cubically nonlinear system identification 74079
Nam Byung-Sub *see* Byung-Sub Nam
Nam Din'Chuk *see* Din'Chuk Nam
Nam Hong Jo, Kae Dal Kwack Implementation of the four-terminal GaAs MESFET model on SPICE 71736
Nam Huu Tran *see* Vallet, M. 83198
Nam Hwang *see* Kurachi, I. 62793
Nam Kee Soo *see* Kee Soo Nam
Nam Kyu-Taek *see* Kyu-Taek Nam
Nam Le Quang *see* Le Quang Nam
Nam Sea Hyeon *see* Sea Hyeon Nam
Nam Seung Hyun *see* Seung Hyun Nam
Nam Shin Woo *see* Shin Woo Nam
Nam Su Park, Jeong Ho Kim, Sang Burm Rhee Interfacing module design for real time processing in distributed programmable devices 74899
Nam Sun Kim, Sang Taick Park, Yong Hoon Lim, Ih Whan Cha, Dae Hee Youn A new adaptive echo canceller with an improved convergence speed and NET detection performance 74038
Nam Yoon Seok *see* Seok Nam Yoon
Nam-Gyu Park *see* Seung-Ri Kim 87278
Nam-Ho Kim *see* Sang-Hee Kang 68302
Nam-Sua Lee, Bathe, K.-J. Error indicators and adaptive remeshing in large deformation finite element analysis 61206
Nam-Sung Woo *see* Shih-Chieh Chang 91982
Namajunas, A., Tamesevicius, A. Simple laboratory instrumentation for measuring pointwise dimensions from chaotic time series 87546
Namajunas, A. *see* Bumeliene, S. 81342
Namavar, F. *see* Rickman, A.G. 52902
Namavar, F. *see* Rickman, A.G. 94174
Namavar, F. *see* Soref, R.A. 82697
Namavar, F. *see* Wei, H.F. 93444
Namazi, N.M., Fan, C.M. A new iterative algorithm for image restoration based on maximum likelihood principle 57691
Namazi, N.M., Penafiel, P., Fan, C.M. Nonuniform image motion estimation using Kalman filtering 84775
Namba, A. *see* Nakase, H. 85970
Namba, A. *see* Shiota, F. 86985
Namba, C. *see* Shikama, T. 94703
Namba, H. *see* Satoh, J. 61683
Namba, K. *see* Eimori, T. 92192
Namba, K. *see* Kobayashi, H. 55889
Namba, K. *see* Ono, K. 81530
Namba, S. *see* Ishibashi, K. 71187
Namba, S. *see* Takahara, J. 71189
Namba, S., Hamaguchi, C., Ando, T. *(editors)* Science and Technology of Mesoscopic Structures 69311
Namboodri, S.L., Davis, W.A., Kander, R.G. Measuring microwave shielding effectiveness in liquid nitrogen 53040
Namboothiri, S.P., Manson, A.H., Meek, C.E. Extension of MF radar tidal measurements to E-region heights (95-125 km): Saskatoon (52°N, 107°W), Canada 88774
Nambu, H., Kanetani, K., Idei, Y., Masuda, T., Higeta, K., Ohayashi, M., Usami, M., Yamaguchi, K., Kikuchi, T., Ikeda, T., Ohhata, K., Kusunoki, T., Homma, N. A 0.65 ns, 72 kb ECL-CMOS RAM macro for a 1 Mb SRAM 70537
Nambu, H. *see* Idei, Y. 70451
Nambu, H. *see* Tamba, N. 92241
Nambu, Y., Tomita, A. Spectral hole burning and carrier-heating effect on the transient optical nonlinearity of highly carrier-injected semiconductors 83304
Nambu, Y., Yokoyama, H., Yoshikawa, T., Sugimoto, Y., Asakawa, K. Time-resolved investigations of sidewall recombination and in-plane diffusivity in dry-etched InGaAs/GaAs air-post structures 71113
Namburi, N.R. *see* Sachdeva, R. 69514
Namegaya, T., Matsumoto, N., Yamanaka, N., Iwai, N., Nakayama, H., Kasukawa, A. Effects of well number in 1.3-μm GaInAsP/InP GRIN-SCH strained-layer quantum-well lasers 63786
Namegaya, T. *see* Fukushima, T. 94484
Namegaya, Y. *see* Kasukawa, A. 72843
Namekawa, T. *see* Hamabe, R. 65263
Namihira, Y., Miyata, A., Tanahashi, N. Nonlinear coefficient measurements for dispersion shifted fibres using self-phase modulation method at 1.55 μm 72302
Namihira, Y., Nakajima, K. Comparison of various polarisation mode dispersion measurement methods in 1600 km EDFA system 76223
Namihira, Y. *see* Kawazawa, T. 97264
Namikawa, T. *see* Homma, T. 72038
Namikawa, T. *see* Tomita, N. 90376
Namikawa, Y. *see* Takizawa, K. 56449
Namiki, H. *see* Murakami, N. 49160
Namiki, S. *see* Kasukawa, A. 72843
Namkung, J.S., Hoke, M., Rogowski, R.S. Optical fiber FTIR remote detection of aluminum hydroxide 98347
Namkung, M., Fulton, J.P., Wincheski, B. Self-organized criticality and phase problem in magnetoacoustic emission burst in ferromagnets 93870
Namkung, S. Remote monitoring and simulation of 138 kV underground power pipe type cable forced cooling system 89267
Namkung, W., Ko, I., Cho, M., Ryu, C., Bak, J., Nam, S., Lee, H. Progress of PLS 2-GeV linac 67002
Namkung, W. *see* Cho, M.H. 67044
Namkung, W. *see* Kang, H. 66835
Namkung, W. *see* Nam, S.H. 68754
Namkung Won *see* Won Namkung
Namkyoo Park *see* Jianhui Zhou 83289
Nammori, T. *see* Kaneiwa, M. 100571
Nampoori, V.P.N. *see* Philip, A. 73042
Nampoori, V.P.N. *see* Rajasree, K. 76012
Namsek-Park *see* Kwang-Hyun Park 71835
Namuduri, K.R., Mehrotra, R., Ranganathan, N. Efficient computation of Gabor filter based multiresolution responses 64743
Namura, T. *see* Nakagawa, S. 55812
Nan, H.L. *see* Yan, L.G. 83578
Nan Chern Horng *see* Horng Nan Chern
Nan Lei Wang, Wu Jing Ho, Higgins, J.A. AlGaAs/GaAs HBT linearity characteristics 92517
Nan Li, Van Eycken, L., Oosterlinck, A. Employing frequency dependent property of the HVS for DCT and other orthogonal transform coding 74370
Nan-Chi Chou, Chung-Kuan Cheng Performance-driven clock net routing 80033
Nan-Chi Chou, Chung-Kuan Cheng, Russell, T.C. Dynamic probe scheduling optimization for MCM substrate test 79320
Nan-Chi Chou, Lung-Tien Liu, Chung-Kuan Cheng, Wei-Jin Dai, Lindelof, R. Circuit partitioning for huge logic emulation systems 92108
Nan-Jung Kuo, Xiao-Hai Yan Using the shape-matching method to compute sea-surface velocities from AVHRR satellite images 88794
Nan-Ning Zheng *see* Qing-Yuan Wang 51641
Nanahara, T., Takimoto, A. A study on required reservoir size for pumped hydro storage 60126
Nanai, N. *see* Fukliyama, M. 55444
Nanaki, H. *see* Ohsawa, S. 76312
Nanami, M. *see* Miyagi, K. 94656
Nanayakkara, N., Nakamura, M., Hatazaki, H., Goto, Y. Pitch control aided system frequency stabilization in a wind-diesel small power system 78519
Nanba, M. *see* Yamagishi, T. 86717
Nanbu, S. *see* Fujioka, T. 85671
Nance, J.D. *see* Day, J.E. 49686
Nance, J.L., Ramadurai, B., Kelley, A.W. Interactive analysis and design program for phase-controlled rectifiers operating in the closed-loop periodic-steady-state and transient conditions 60358
Nanchao Zeng, Mingxin Wang Operating experience of the Ge-Nan HVDC link 59908
Nanchao Zeng *see* Zeng Nanchao
Nancovska, I. *see* Drnovsek, J. 97746
Nancy, T. *see* Ginetti, A. 55283
Nanda, A., Uy, D., Crow, M., Nanda, J., Khan, E. A powerful and computationally efficient algorithm for transmission loss calculation 89097
Nanda, J. *see* Bhise, G.G. 59828
Nanda, J. *see* Kothari, M.L. 59747
Nanda, J. *see* Nanda, A. 89097
Nanda, N. *see* Muta, I. 89790
Nanda, S. Stability evaluation and design of the PRMA joint voice data system 58345
Nanda, S., Ejzak, R., Doshi, B.T. A retransmission scheme for circuit-mode data on wireless links 97055
Nanda, S. *see* Amitay, N. 75333
Nandakumar, R.P. *see* Bhattacharya, P.K. 62763
Nandakumar, V., Kwong, Y.K. Experimental investigation of the threshold curves of a four-junction SQUID 50418
Nandakumar, V.N., Jothy, G., Hegde, K., Ramamoorty, M., Reddy, M.C. A novel field orientation scheme for separately excited synchronous motor employing a slotted disc sensor 68571
Nandakumar, V.N. *see* Nandi, S. 68203
Nandan, D. *see* Siddiqui, S.A. 91147
Nandhakumar, N., Karthik, S., Aggarwal, J.K. Unified modeling of non-homogeneous 3D

objects for thermal and visual image synthesis 84935
Nandhakumar, N. *see* Michel, J. 84592
Nandhakumar, N. *see* Smith, P.W. 84703
Nandhakumar, N. *see* Smith, P.W. 96055
Nandi, A.K. Higher order statistics for digital signal processing 51487
Nandi, A.K., Mehlan, R. Parameter estimation and phase reconstruction of moving average processes using third-order cumulants 95482
Nandi, M. *see* Sarkar, B.C. 91956
Nandi, R., Pal, D. Frequency compensation of a new dual-input tunable differentiator 70793
Nandi, R., Pal, D., Ray, S.B., Sanyal, S.K. Novel single resistor tunable differential integrators 70792
Nandi, R. *see* Pal, D. 52476
Nandi, S., Nandakumar, V.N., Hegde, R.K., Ramamoorty, M. Surgeless switching of 3 phase delta connected capacitor banks in distribution systems 68203
Nandini, R. *see* Venkatesh, Y.V. 95471
Nandram, B. *see* Moore, S.C. 76919
Nang, F. *see* Bantly, J. 88241
Nang, F. *see* Bantly, J. 98590
Nangalia, S. *see* Koopman, N. 90959
Nanii, O.E., Paleev, M.R. Intraresonator second harmonic generation in lasers with anisotropic resonators 63943
Nanii, O.E., Paleev, M.R. Intracavity second-harmonic generation in multimode solid-state lasers with anisotropic cavities 73088
Nanii, O.E. *see* Shabat'ko, N.M. 94404
Nanis, J.G., Halversen, S.D., Owirka, G.J., Novak, L.M. Adaptive filters for detection of targets in foliage 65883
Nanis, J.G. *see* Halversen, S.D. 75627
Nanishi, Y. *see* Nakata, J. 81477
Nanishi, Y. *see* Shibata, T. 55748
Naniwae, K. *see* Sugou, S. 55643
Nanjo, K. *see* Higuma, T. 90681
Nanjo, M. *see* Yamanaka, T. 98331
Nanjo, Y. *see* Katsumata, I. 53264
Nanke, T.R., Prieve, B.G. The COMPASS broadband trials 52222
Nannery, P.R. *see* Banker, W.A. 78095
Nanney, G.A. *see* Splinter, R. 67463
Nanni, F. *see* Bollero, A. 50464
Nanni, F. *see* Bortot, R. 52518
Nanni, F. *see* Caviglia, F. 52471
Nanni, L. *see* Alvazzi Delfrate, M. 63049
Nannichi, Y. *see* Nie, H.-Y. 81363
Nannichi, Y. *see* Shigekawa, H. 71384
Nanning Zheng, Jianqin Liu, Qinyuan Wang A new neural network algorithm for preattentive vision 51639
Nanning Zheng *see* Wei Yang 51640
Nannini, A. *see* Bruschi, P. 66533
Nanov, I.D. Large signal analysis of switching regulators employing adaptive gain current injected control 61551
Nanri, K., Matsumura, M., Homma, M., Kinoshita, N., Yabe, E., Kawamura, K., Takayama, K. Ion cyclotron resonance in a magnetized sheet plasma 53253
Nansheng Zhou *see* Zhou Nansheng
Nansi Shi *see* Shi Nansi
Nantawy, A.N. *(editor)* Proceedings. 1993 Global Data Networking (Cat. No.93TH0600-7) 69364
Nantista, C., Kroll, N.M., Nelson, E.M. Design of a 90° overmoded waveguide bend 66811
Nantista, C. *see* Ruth, R.D. 66791
Nantista, C. *see* Vlieks, A.E. 67011
Nanto, H., Endo, F., Hirai, Y., Murayama, K., Nasu, S., Taniguchi, S., Nakamura, S., Inabe, K., Takeuchi, N. Photostimulated luminescence in alkali halides induced by excitation with ionizing radiation 72579
Nanto, H., Endo, F., Hirai, Y., Nasu, S., Taniguchi, S., Takeuchi, N. Eu-doped KCl phosphor crystals as a storage material for two-dimensional ultraviolet-ray or X-ray imaging sensors 63566
Nanya, T. Anti-code-disjoint mapping for exception handling in self-checking systems hierarchy 55182
Nanya, T., Ueno, Y., Kagotani, H., Kuwako, M., Takamura, A. TITAC: design of a quasi-delay-insensitive microprocessor 55301
Nanya, T. *see* Kagotani, H. 92069
Nanyan Qiu *see* Qiu Nanyan
Nanyan Wang *see* Wang Nanyan
Nanyang Li Lamination and end plate design studies of SSC low energy booster magnet prototypes 76687
Nanying Yin, Hluchyj, M.G. Simple models for statistically multiplexed data traffic in cell relay networks 96139
Nanyong Yin *see* Yin Nanyong
Nanz, G. Self-adaptive space grids in process simulation 49846
Nanzhi Zou, Willander, M., Chao, K.A. Intrinsic inductive characteristics of resonant tunneling 81786
Naoe, M., Matsushita, N., Nakagawa, S. Physics and technology of sputtering for depositing magnetic films 70127
Naoe, M. *see* Kuga, K. 63234
Naoe, M. *see* Matsushita, N. 50255
Naoe, M. *see* Matsushita, N. 63201
Naoe, M. *see* Matsushita, N. 72065
Naoe, M. *see* Nakagawa, S. 72094
Naoe, M. *see* Numazawa, J. 50256
Naor, M. *see* Fiat, A. 83962
Naor, M. *see* Gemmell, P. 73767
Naour, C.Le *see* Le Naour, C.
Napartovich, A.P., Belykh, A.D., Gurashvily, V.A., Kochetov, I.V., Kurnosov, A.K., Putilin, V.M., Turkin, N.G. Pulsed CO overtone laser: theory and experiment 82935
Napartovich, A.P. *see* Botez, D. 63836
Napartovich, A.P. *see* Lebedev, F.V. *(editor)* 79141
Napchan, E. *see* Holt, D.B. 62864
Napchan, E. *see* Holt, D.B. 81965
Napel, S. *see* Hemler, P.F. 76949
Napier, I., Davies, J. A whole-life approach to management decision making 60826
Napier, I. *see* Davies, N.J. 96342
Napier, P.J., Bagri, D.S., Clark, B.G., Rogers, A.E.E., Romney, J.D., Thompson, A.R., Walker, R.C. The Very Long Baseline Array 58524
Napieralski, A. *see* Moreno, J.M. 61740
Naplatarov, K.Kh. Energy-saving possibilities in the control of technological processes 79040
Napolitano, A. *see* Berruto, E. 74728
Napoly, O. A large aperture final focus system for TESLA 67014
Napoly, O., Chin, Y.H., Zotter, B. A generalized method for calculating wake potentials 87730
Nappey, P. *see* Aoki, S. 53304
Nappi, E. *see* Almeida, J. 87994
Nappi, J., Ovtchinnikov, A., Asonen, H., Savolainen, P., Pessa, M. Limitations of two-dimensional passive waveguide model for $\lambda=980$ nm Al-free ridge waveguide lasers 50810
Nappi, J. *see* Asonen, H. 63774
Nappi, M. *see* Flauto, A. 73602
Naqvi, A.A., Aksoy, A., Khiari, F.Z., Coban, A., Nagadi, M.M., Al-Ohali, M.A., Al-Jalal, M.A. Response function measurements of an NE102A organic scintillator using an ^{241}Am-Be source 67309
Naqvi, A.A., Khiari, F.Z., Coban, A., Aksoy, A., Al-Jalal, A.M. Pulse height resolution of organic scintillators for monoenergetic gamma rays 87962
Naqvi, A.A., Khiari, F.Z., Coban, A., Aksoy, A., Al-Jalal, M.A., Raashid, M. Measurement of light output of NE213 and NE102A detectors for 2.7-14.5 MeV neutrons 87961
Naqvi, S.S.H. *see* Hatab, Z.R. 80328
Naqvi, S.S.H. *see* Murnane, M.R. 81693
Naqvi, S.S.H. *see* Zaidi, S. 81703
Naqvi, W. *see* Kneschke, T. 54218
Naqvi, W. *see* Natarajan, R. 69142
Nara, A. A measurement of the gate-emitter voltage waveform of IGBT in a motor driver circuit 98242
Nara, K., Kuwabara, H., Kitagawa, M., Ohtaka, K. Algorithm for expansion planning in distribution systems taking faults into consideration 59880
Nara, K. *see* Kodato, S. 98337
Nara, M. *see* Hatsuzawa, T. 87540
Nara, N. *see* Matsuda, T. 93074
Nara, S., Tokuda, Y., Abe, Y., Yasukawa, M., Tsukada, N., Totsuji, H. Multistable behavior of connected bistable devices 50957
Nara, T. *see* Kimura, H. 70772
Nara, Y. *see* Goto, K. 49923
Nara, Y. *see* Yamazaki, T. 93422
Naraghi, M. *see* Dutt, R.B. 83628
Naraghi-Pour, M. *see* Hegde, M.V. 64312
Narahai, N. *see* Shacham, E. 61684
Narahashi, S., Nojima, T. New phasing scheme of N-multiple carriers for reducing peak-to-average power ratio 86046
Narain, R. *see* Kanjilal, A.K. 93551
Narain, R. *see* Sharma, R. 71443
Narain, S., Cockings, O., Chadha, R. PHOTON: a software system for SONET interoperability analysis 75006
Naramoto, H. *see* Shimatani, N. 71299
Narang, A., Brierley, R.H. Topology based magnetic model for steady-state and transient studies for three-phase core type transformers 90057
Naraoka, N. *see* Noda, T. 77857
Narashimha Rao, E.V.R., Venkateswarlu, D.S. One dimensional large signal analysis for helix TWTs and multicavity klystrons 71040
Narasimha, M.J. A recursive concentrator structure with applications to self-routing switching networks 51758
Narasimha, M.J. Comments on "Nonblocking property of reverse banyan networks" 74760
Narasimhalu, A.D. *see* Wu, J.K. 57883
Narasimham, J., Nakajima, K., Rim, C.S., Dahbura, A.T. Yield enhancement of programmable ASIC arrays by reconfiguration of circuit placements 80220
Narasimhan, K.L. *see* Izu, M. 90421
Narasimhan, K.L. *see* Izu, M. 100542
Narasimhan, S. *see* Leblanc, L.J. 65297
Narasipuram, M.M. Diagnostic knowledge in manufacturing systems—a case of integrated circuits leads forming system 49721
Narayan, A. *see* Felt, E. 93304
Narayan, J., Raghunathan, R., Chowdhury, R., Jagannadham, K. Mechanism of combustion synthesis of silicon carbide 61424
Narayan, J. *see* Jagannadham, K. 91465
Narayan, J. *see* Tiwari, P. 91589
Narayan, K. Clock system design for high speed integrated circuits 92337
Narayan, P. *see* Chuang-Chun Liu 95429
Narayan, S., Dusseault, M.B., Nobes, D.C. Inversion techniques applied to resistivity inverse problems 67754
Narayan, S., Gajski, D.D. Protocol generation for communication channels 96215
Narayan, S., McLane, P.J. Noise detected, fractionally spaced equalization for analog cellular data modems 52269
Narayan, S. *see* Gajski, D.D. 49084
Narayan, S. *see* Gajski, D.D. 92000
Narayana Dutt, D. *see* Sadasivan, P.K. 76986
Narayanaa, P.A. *see* Fitchard, E.F. 88423
Narayanan, A. *see* Gun, L. 65440
Narayanan, E.M.S., Amaratunga, G., Milne, W.I. A new double epitaxial layer dielectric isolation technology for HVICs 56061
Narayanan, M.M., Kanjilal, D., Chopra, S., Sinha, A.K. A novel operation mode of a tandem electrostatic accelerator for producing low energy ion beams 87633
Narayanan, R., Hall, P.M., Chanchani, R. Thermal and mechanical analysis of flip-chips on a liquid-cooled multichip module 91008
Narayanan, R. *see* Drynan, D. 65521
Narayanan, R. *see* Khadakkar, A.G. 74253
Narayanan, R. *see* Leon, B.J. 74872
Narayanan, R.M., Green, S.E. Field measurements of natural and artificial targets using a mid-infrared laser reflectance sensor 88874
Narayanan, R.M., Pardipuram, R., Rundquist, D.C. Statistical characteristics of simulated radar imagery from bare soil surfaces: effects of surface roughness and soil moisture variability 59534
Narayanan, S., Wohlgemuth, J.H., Creager, J.B., Roncin, S.P., Perry, J.M. Buried contact solar cells 100471
Narayanan, S. *see* Wohlgemuth, J.H. 90403
Narayanaswami, C., Luken, W. Approximating χ^n efficiently 54740
Narayanaswamy, R. *see* Goodlet, G. 66506
Narayandass, S.K. *see* Gurumurugan, K. 62171
Narayandass, S.K. *see* Gurumurugan, K. 91560
Narayandass, S.K. *see* Gurumurugan, K. 92948
Nardek, T.W., Band, A. Integrating log-ratio position processing for the Los Alamos Proton Storage Ring extraction line 87695
Narducci, D., Ornaghi, A., Mari, C.M. CO determination in air by YSZ-based sensors 66556
Narduzzi, C. Developments in time-domain deconvolution methods for waveform reconstruction 75818
Narduzzi, C. *see* Carbone, P. 75889
Narendra, K.G., Chandrasekharaiah, H.S. Performance evaluation of harmonic filters connected to the AC bus of a four terminal DC system using a Hopfield neural network 77929
Narendra Ahuja *see* Xiaoping Ilu 95694
Nariani, S.R., Gabriel, C.T., Chenming Hu Adding mixed-signal capability to a submicron digital ASIC process 80498
Narimatsu, Y. *see* Takada, N. 77613
Narin, S., Cockings, O., Chadha, R. A formal model of SONET's alarm-surveillance procedures and their simulation 86339
Narita, K. *see* Nohtomi, A. 88210
Narita, K. *see* Nohtomi, A. 98608
Narita, M. *see* Sawamura, T. 67363
Narita, N. Subjective-evaluation method for quality of coded images 57856
Narita, S. *see* Arakawa, F. 70667
Narita, T. *see* Rokugawa, S. 77276
Narita, Y., Chen, Y., Tamamoto, H., Igarashi, R. A judgment system constructed by personal computer 99885
Narita, Y. *see* Igarashi, R. 76831
Narita, Y. *see* Igarashi, R. 89369
Narita Kenji *see* Kenji Narita
Naritake, I. *see* Sugibayashi, T. 70552
Naritake, I. *see* Sugibayashi, T. 92215
Narkiewicz, J.D., Girkar, M., Srivastava, M., Gaylord, A.S., Rahman, M. Pilgrim's OSF DCE-based services architecture 85800
Narli, E. *see* Keles, C. 58209
Narn-Yih Lee *see* Chuan-Ming Li 83957
Narozny, P. *see* Dickmann, J. 56034
Narozny, P. *see* Ostermeir, R. 62827
Narraway, J.J. Time varying electrical networks 55107
Narsale, A.M., Elena, M., Guzman, L., Miotello, A., Furlan, G. Electrical properties of DC reactively sputtered TiN thin films on p-silicon substrates 71582
Narui, M. *see* Shikama, T. 82598
Naruke, K. *see* Atsumi, S. 49426
Naruke, K. *see* Umezawa, A. 70562
Narumiya, Y. *see* Chou, T. 71987
Narumiya, Y. *see* Noguchi, K. 71933
Naruse, H. *see* Nobiki, A. 64706
Naruse, H. *see* Tateda, H. 74482
Naruse, Y. *see* Tanamoto, T. 92112

Nasar, S.A., Xiong, G.Y., Fu, Z.X. Eddy-current losses in a tubular linear induction motor 78656
Nasar, S.A. *see* Boldea, I. 78891
Naseem, H.A. *see* Haque, M.S. 49820
Naser, J. *see* Kamadolli, S. 68354
Naser, J.A. Plant communications and computing architecture plan methodology for power plant upgrades 99850
Nash, C.J. *see* Vollmerhausen, R.H. 67718
Nash, F.R. *see* Pecht, M.G. 69629
Nash, J. Upper wind observing systems used for meteorological operations 99184
Nash, J.M. *see* Ming Chen 63194
Nash, S. *see* Struble, W. 81973
Nash, S. *see* Zahra, S.A. 60816
Nash, T.J., Spielman, R.B., Ruggles, L., Vargas, M. High-power Z pinches as X-ray laser photopumps 63623
Nash-Stevenson, S. *see* Reddy, B.R. 56897
Nash-Stevenson, S.K. *see* Reddy, B.R. 94373
Nashashibi, F., Devy, M. 3-D incremental modeling and robot localization in a structured environment using a laser range finder 53056
Nashimoto, K., Nakamura, S. Preparation and characterization of sol-gel derived epitaxial and oriented $Pb(Zr_{0.52}Ti_{0.48})O_3$ thin films 91435
Nashimoto, Y. *see* Haruyama, J. 93495
Nasiatka, P. *see* Nordin, G.P. 66621
Nasibov, A.S. *see* Basov, N.G. 52704
Nasiopoulos, P., Ward, R.K. Improving the HDTV picture performance under noisy transmission conditions 86731
Nasiopoulos, P., Ward, R.K. A noise resistant HDTV compression scheme 95825
Nasir, B.M. Oversampling techniques 49509
Nasir, B.M. Automotive applications of computers 60594
Nasiri-Kenari, M., Rushforth, C.K. Some construction methods for error-correcting (d,k) codes 51363
Nasiri-Kenari, M., Rushforth, C.K., Abbaszadeh, A.D. A reduced-complexity sequence detector with soft outputs for partial-response channels 84006
Nasle, A. *see* Erzhuan Zhou 68215
Nason, T.C. *see* Yang, G.-R. 92973
Nasonov, N.N., Stoletnii, I.V. Application of optical transition radiation for determining the composition of high-energy charged-particle beams 98433
Nasrabadi, N.M., Choo, C.Y., Yushu Feng Dynamic finite-state vector quantization of digital images 57752
Nasrabadi, N.M. *see* Choo, C.Y. 95963
Nasrabadi, N.M. *see* Mohsenian, N. 57710
Nasrabadi, N.M. *see* Mohsenian, N. 84998
Nasrabadi, N.M. *see* Polit, P.P. 85874
Nasrallah, T.B. *see* Bernede, J.C. 49790
Nasraoui, O. *see* Krishnapuram, R. 51636
Nasrazadani, S. *see* Goforth, R.C. 98315
Nass, R. Improved low-power modes highlight 1.8-in. drives 54169
Nass, R. Competitive video compression-decompression schemes forge ahead 74001
Nass, R. Chip set combines audio, video, and graphics 92276
Nassary, M.M., Hussain, S.A., Belal, A.E., El-Shaikh, H.A. Investigation of the switching phenomena in indium monotelluride single crystals 71743
Nassary, M.M., Hussein, S.A., Belal, A.E., El-Shalikh, H.A. Investigation of the switching phenomena in indium monotelluride single crystals 92984
Nassary, M.M., Hussein, S.A., Nagat, A.T. Behaviour of switching phenomena in single crystals of $TlGaTe_2$ 80956
Nasse, H. *see* Budd, R.A. 71501
Nasshan, M. *see* Baier, P.W. 52429
Nasshan, M. *see* Blanz, J. 65607
Nasshan, M. *see* Steiner, B. 65685
Nassim, M.A. *see* Perring, S. 59366
Nassiopoulos, A.G., Fragis, N., Travlos, A., Revva, P. $TiSi_2$/Si interface of disilicide formed by annealing of multilayer Ti/Si structures on silicon 81355
Nassiopoulos, A.G. *see* Gogolides, E. 62609
Nassiopoulos, A.G. *see* Revva, P. 55649
Nassiopoulos, A.G. *see* Revva, P. 62311
Nassiri, A., Grelick, A. A fifth harmonic RF bunch monitor for the ANL-APS electron linac 76585
Nassiri, A., Kustom, R.L., Mills, F.E., Kang, Y.W., Feinerman, A.D., Henke, H., Matthews, P.J., Willke, T.L., Grudzien, D., Song, J., Horan, D. A 50-MeV mm-wave electron linear accelerator system for production of tunable short wavelength synchrotron radiation 98388
Nassiri, A. *see* Song, J. 76445
Nassiri, A. *see* Song, J.J. 98472
Nassiri, A. *see* White, M. 67007
Nassisi, V. Ions and electrons generated by an UV excimer laser 59049
Nasta, M. *see* De Vries, M. 52939
Nasta, M. *see* de Vries, M.J. 98067
Nasta, M.H., Arya, V., Murphy, K.A., Wang, A., Claus, R.O. Periodic microbending on single mode optical fibers for multiplexed sensing 98072
Nastaushev, Yu.V. *see* Bykov, A.A. 81326
Nastaushev, Yu.V. *see* Bykov, A.A. 82002
Nastran, J., Cajhen, R., Seliger, M., Jereb, P. Active power filter for nonlinear AC loads 55127
Nastrom, G.D. *see* Pauley, P.M. 99199
Nasu, H. *see* Higasa, H. 54194
Nasu, H. *see* Matsushima, F. 61818
Nasu, H. *see* Takagi, N. 61644
Nasu, S. *see* Nanto, H. 63566
Nasu, S. *see* Nanto, H. 72579
Nasu, T. *see* Arita, K. 50138
Nasu, T. *see* Arita, K. 93659
Nasu, T. *see* Fujii, E. 61721
Nasu, Y. *see* Matsumoto, T. 79855
Nasunjilegal, B. *see* Bo-Ping Hu 82259
Nasunjilegal, B. *see* Fu-Ming Yang 82247
Nasunjilegal, B. *see* Jifan Hu 71926
Nataf, G. *see* Zahraman, K. 100553
Natale, C.Di *see* Di Natale, C.
Natale, C.T. New products introduction process at Sun Microsystems 90943
Natale, F.De *see* De Natale, F.
Natale, F.G.B.De *see* De Natale, F.G.B.
Natale, J.A. Texas Woman's University and White House communications on the Internet 75024
Natale, M.D. *see* Wang, T. 76877
Natale, P.De *see* De Natale, P.
Natale, V. *see* De Bernardis, P. 66010
Natalenko, P.P. *see* Erko, A.A. 64280
Natalenko, P.P. *see* Naumenko, N.I. 61607
Natali, F.D. *see* Magill, D.T. 52322
Natansohn, A. *see* Rochon, R. 56326
Natarajan, A. *see* Thakor, N.V. 67594
Natarajan, B.K. Sharper bounds on Occam filters and application to digital video 57912
Natarajan, B.K. *see* Konstantinides, K. 88497
Natarajan, C. *see* De, K. 55216
Natarajan, R., Bucci, R.M., Ahmed, O., Mukherji, S., Soukas, A. Mitigation of power quality problems of a large non-linear load 89217
Natarajan, R., Bucci, R.M., Juarez, M.A., Contreras, R.U. Determination of flicker effects due to an electric arc furnace 90655
Natarajan, R., Lopez-Lopez, M.A., Bucci, R.M., Kneshke, T.A., Hong, J., Naqvi, W. Short circuit currents of the SEPTA's traction power distribution system 69142
Natarajan, R. *see* Chandrasekhar, P. 54581
Natarajan, S., Chase, B. Design and optimization of a new actively compensated filter 80431
Natarajan, S., Chen, R.T., Tang, S., Mayer, R.A. High speed optical backplane bus with modulation and demodulation capabilities 82870
Natarajan, S., Sahu, D., Morton, A., Efland, T. Nohm Compiler—a synthesis and analysis tool for lateral DMOS FETs 50097
Natarajan, S. *see* Ariponnammal, S. 71134
Natarajan, S. *see* Tang, S. 82858
Natarajan, S. *see* Tang, S. 82867
Natarajan, S.R. *see* Pushpavanam, M. 49013
Natarov, M.P., Popkova, T.L., Rodionova, V.N., Skresanov, V.N., Slepyan, G.Ya. The resonance absorption effect in strip arrays and its use for mode selection in open resonators 80581
Nateri, G. *see* Raffo, L. 80538
Nateri, G. *see* Valle, M. 92256
Natesan, K. Materials performance in advanced combustion systems 60095
Nath, A.K., Abhinandan, L., Choudhary, P. Operational characteristics of a pulse-sustained dc-excited transverse-flow cw CO_2 laser of 5-kW output power 72674
Nath, A.K. *see* Kumar, M. 72673
Nath, P. *see* Ross, R. 100540
Nath, R., Biggs, P.J., Bova, F.J., Ling, C.C., Purdy, J.A., van de Geijn, J., Weinhous, M.S. AAPM code of practice for radiotherapy accelerators: report of AAPM Radiation Therapy Task Group No. 45 77051
Nath, R. *see* Almond, P.R. 88587
Nath, R. *see* Karanja, P. 50150
Nathal, B. *see* Mertesdorf, C. 81634
Nathan, A. *see* Kung, W. 52787
Nathan, A. *see* Manku, T. 97903
Nathan, A. *see* Mohajerzadeh, S. 87203
Nathan, A. *see* Swart, N.R. 61473
Nathan, A. *see* Swart, N.R. 87064
Nathan, A. *see* Swart, R. 66236
Nathan, C., Hackbarth, B.A. Thermal management in supercritical fluid chromatography 86992
Nathan, K.S., Bellegarda, J.R., Nahamoo, D., Bellegarda, E.J. On-line handwriting recognition using continuous parameter hidden Markov models 84968
Nathan, K.S., Silverman, H.F. Time-varying feature selection and classification of unvoiced stop consonants 64364
Nathan, M.I. *see* Miller, T.J. 71202
Nathan, V. Tunneling dark current in $GaAs/Al_xGa_{1-x}As$ quantum well detectors 81281
Nathan, V. *see* Das, N.C. 71639
Nathanson, H.C. *see* Temofonte, T.A. 66482
Nathel, H. *see* Sennaroglu, A. 82974
Nather, H. *see* Jourdan, W. 97637
Nathrath, N. *see* Dudok, E. 57240
Nation, J.A. *see* Ivers, J.D. 68678
Nation, J.A. *see* Kuang, E. 76846
Nation, J.A. *see* Schachter, L. 76378
Nation, J.A. *see* Schachter, L. 76638
Nation, P.B. *see* Boggess, J.E., III 85088
Natkaniec, S. *see* Lorenz, E. 53294
Natoli, J.Y., Berbezier, I., Derrien, J. Growth of β-$FeSi_2$ on Si(111) by chemical beam epitaxy 79819
Natonek, E., Baur, C. Recognition of 3-D objects on complex backgrounds using model based vision and range images 57923
Natori, K. Ballistic metal-oxide-semiconductor field effect transistor 93433
Natori, K. *see* Suzuki, H. 54195
Natori, M.C. *see* Takano, T. 95010
Natsubori, S. *see* Esaki, H. 52155
Natsuhara, K., Ando, M., Goto, N., Yoshida, G. Radiation pattern analysis of a GPS microstrip antenna mounted on the roof of a car model 94958
Natsuhara, K. *see* Ando, M. 94959
Natsusaka, M. *see* Sakamoto, Y. 54010
Natsusaka, M. *see* Sakamoto, Y. 54011
Natsuume, M. *see* Tachikawa, K. 93912
Natter, E.F. *see* Jachim, S.P. 67230
Natter, E.F. *see* Ziomek, C.D. 76516
Natu, G.N. *see* Cubellio, E.R. 62026
Natzic, M. *see* Mehdi, I. 80834
Nau, G. *see* Ewing, K.J. 98030
Nauert, P. How to specify a transformer heat run 100198
Nauful, E.S. Technology transfer: opportunities and obstacles 89029
Naugle, D.G. *see* Kanamaluru, S. 82336
Nauka, K. *see* Yang, L. 55693
Naulik, M.M. *see* Nazarov, A.A. 69687
Naumann, M. *see* Glas, P. 63686
Naumann, S.T. Assessment of transfer capability 78045
Naumann, S.T. *see* Paserba, J.J. 68209
Naumann, T. *see* Burger, J. 98570
Naumenko, E.D., Prokhorov, A.M., Rainer, M.M., Rukhadze, A.A., Sitnov, M.I., Smirnov, E.N., Sretenskii, V.N. Formation of high-current electron beams with controlled motion of spiral-trajectory ultrarelativistic electrons 76289
Naumenko, E.D. *see* Devyatkov, N.D. 81146
Naumenko, E.D. *see* Kravtsov, I.A. 57053
Naumenko, I.I. *see* Erko, A.A. 64280
Naumenko, N.I., Erko, A.A., Natalenko, P.P. Modem synchronization in the case of coherent reception under conditions of phase jitter and non-Gaussian noise 61607
Naumenko, O.I. *see* Fominski, V.Yu. 71369
Naumov, A. *see* Wolf, K. 69999
Naumov, A.K. *see* Dubinskii, M.A. 72718
Naumov, A.P. *see* Antipov, V.V. 53863
Naumov, N.V. *see* Anishchenko, M.L. 72671
Naumov, R. *see* Vukelja, P. 68018
Naumov, R. *see* Vukelja, P. 68542
Naumov, S.A. *see* Prokop'ev, V.I. 67475
Naumovets, A.A. *see* Grinko, D.A. 72291
Nauwelaers, B.K.J.C. *see* An, H. 83853
Nava, E. *see* Pace, C. 72978
Nava, F., Canali, C., Castaldini, A., Cavallini, A., D'Auria, S., Del Papa, C., Frigeri, C., Zanotti, L., Cetronio, A., Lanzieri, C., Zichichi, A. Influence of electron traps on charge-collection efficiency in GaAs radiation detectors 98507
Nava, F. *see* Beaumont, S.P. 88037
Nava, M.D., Guillaud, J.-F., Brandt, A., Sorensen, J., Hoffmann, B., Silva, P., Rocha, R. Frame level interworking unit between ATM and DQDB networks 65064
Nava, P., Paone, N., Rossi, G.L., Tomasini, E.P. Design and experimental characterization of a nonintrusive measurement system of rotating blade vibration 76279
Navab, N. *see* Shashua, A. 84812
Navabi, Z., Shadfar, M. A VHDL based test environment including models for equivalence fault collapsing 55073
Naval, L. *see* Jalali, B. 75457
Navarathna, A., Hegde, H., Rani, R., Chen, K., Cadieu, F.J. The magnetic properties of oriented high anisotropy $Nd(Fe,Co,Mo)_{12}N_x$ samples 50196
Navarra, P. *see* Arpino, F. 90011
Navarrete, M.C., Bernabeu, E. Fibre-optic weigh-in-motion sensor 58812
Navarrete, M.C., Bernabeu, E. Three-branch optical fibre interferometer for simultaneous measurement of two physical measurands 76015
Navarro, A., Nunez, M.J. FDTD method coupled with FFT: a generalization to open cylindrical devices 61878
Navarro, A.E. *see* Dede, E.J. 90658
Navarro, A.E. *see* Dede, E.J. 100337
Navarro, E., Ferrer, M.V., Jodar, L. Closed form general solution of nonhomogeneous implicit higher order difference systems 54777
Navarro, E. *see* Jodar, L. 91366
Navarro, E.A., Wu, C., Chung, P.Y., Litva, J. Application of PML superabsorbing boundary condition to non-orthogonal FDTD method 94897
Navarro, E.A. *see* Cruz, J.L. 73562
Navarro, E.A. *see* Gimeno, B. 73565
Navarro, H., Timusk, T., Datars, W.R., Houghton, D.C. Photoconductivity of erbium-doped germanium 94253

Navarro, J., Chang, K. Low-cost integrated inverted stripline antennas with solid-state devices for commercial applications 83854
Navarro, J., Fan, L., Chang, K. Novel FET integrated inverted stripline patch 51244
Navarro, L. *see* Gimenez, G. 74927
Navarro, R.J., Ewell, G.J., Ashamallah, L. Reliability of resistor networks in wave soldering applications 81049
Navarro, S. *see* Greve, A. 97504
Navathe, C.P., Ansari, M.S. A data-acquisition system for a high-power Nd:glass laser chain 72989
Nave, R. *see* Gillerman, J. 89234
Naveed, A. *see* Al-Ali, A.R. 61599
Naveen, T., Woods, J.W. Motion compensated multiresolution transmission of high definition video 57708
Naveen, T., Woods, J.W. Subband finite state scalar quantization 85064
Naveen, T. *see* Woods, J.W. 86732
Naveh, Y., Laikhtman, B. Tunneling and nonresonant negative differential resistance in narrow-well interband-tunneling devices 71569
Naves de Brito, A. *see* Aksela, S. 53357
Navi, K., Kazeminejad, A., Etiemble, D. Performance of CMOS current mode full adders 55226
Navi, K. *see* Kazeminejad, A. 55242
Navia, L.M.S. *see* Falleiros, M.C. 98649
Navin-Chandra, D. The recovery problem in product design 60902
Navin-Chandra, D. *see* Chen, R.W. 54477
Navin-Chandra, D. *see* Chen, R.W. 79241
Naviner, J.-F. *see* Dufourd, J.-C. 50063
Navratil, K., Voss, J. Load management of decentralised generation and storage: opportunities and limitations for regenerative energy generation 59837
Nawab, S.H., Dorken, E. Efficient STFT approximation using a quantization and differencing method 84324
Nawab, S.H. *see* Dorken, E. 84261
Nawab, S.H. *see* Paneras, D.E. 64400
Nawata, Y. *see* Kobayashi, S. 98324
Nawate, M. *see* Honda, S. 82239
Nawaz, M., Olsen, B.T., McIlvaney, K. High frequency performance of GaAs/AlGaAs multiple quantum well (MQW) Asymmetric Fabry Perot (ASFP) reflection modulator 63489
Nawrocki, E.P.K. *see* Dusza, J.J. 59096
Nawrocki, G.J., Arnold, N.D., Hoffberg, M.G., Winans, J.R., Benes, S.J. An I/O subnet for the APS control system—the BITBUS universal gateway 76333
Nawrocki, W. An electronic amplifier at the temperature of 1.4 K 91924
Nawrocky, R. *see* Blum, E.B. 76470
Nawrocky, R.J., Bergmann, U., Siddons, D.P. A bunch killer for the NSLS X-ray electron storage ring 76446
Nawyn, K. *see* Moshfeghi, M. 51616
Naya, K.F. *see* Bazak, H.V., Jr. 58306
Nayak, D.K., Park, J.S., Woo, J.C.S., Wang, K.L., Yabiku, G.K., MacWilliams, K.P. High performance GeSi quantum-well PMOS on SIMOX 62842
Nayak, D.K., Sang Kook Chun Low-field hole mobility of strained Si on (100) $Si_{1-x}Ge_x$ substrate 55531
Nayak, D.K., Woo, J.C.S., Park, J.S., Wang, K.L., MacWilliams, K.P. High-mobility p-channel metal-oxide-semiconductor field-effect-transistor on strained Si 62740
Nayak, D.K. *see* Mukhopadhyay, M. 81367
Nayak, M.S., Dwivedi, R., Srivastava, S.K. Application of iteration technique in association with multiple regression method for identification of mixtures of gases using an integrated gas-sensor array 98144
Nayak, O.B., Gole, A.M., Chapman, D.G., Davies, J.B. Dynamic performance of static and synchronous compensators at an HVDC inverter bus in a very weak AC system 89198
Nayak, O.B., Gole, A.M., Chapman, D.G., Davies, J.B. Steady state stability of HVDC systems 99647
Nayak, P. *see* Fish, J. 48886
Nayak, T.K. *see* Kurata, M. 98524
Nayar, C.V., Vasu, E., Phillips, S.J. Optimised solar water pumping system based on an induction motor driven centrifugal pump 100976
Nayar, C.V. *see* Borle, L.J. 90136
Nayar, C.V. *see* Borle, L.J. 100290
Nayar, C.V. *see* Fung, C.C. 100037
Nayar, C.V. *see* Perahia, J. 60203
Nayar, C.V. *see* Vasu, E. 89706
Nayar, S.K., Fang, X.-S., Boult, T. Removal of specularities using color and polarization 96038
Nayar, S.K., Nakagawa, Y. Shape from focus 74572
Nayar, S.K. *see* Murase, H. 84790
Naybour, R.D. Moisture permeation in oversheaths and insulation 59957
Nayebi, K., Barnwell, T.P., III, Smith, M.J.T. On the design of FIR analysis-synthesis filter banks with high computational efficiency 55340
Nayebi, K. *see* Sodagar, I. 84254
Nayebi, K. *see* Sodagar, I. 95612
Nayebi, M.M., Aref, M.R. Optimal linear detection of Gaussian signals in Gaussian noise 51514
Nayebi, M.M. *see* Aref, M.R. 51510
Nayer, D. Polymers prove hard for telcos to resist [polymeric positive temperature coefficient resistors] 70933
Nayeri, M., Liu, M.S., Deller, J.R. An interpretable and converging set-membership algorithm 84516
Nayeri, M. *see* Ochi, H. 92389
Nayfeh, A. *see* Bikdash, M. 77858
Naylor, D., Jones, S., Myers, D., Vincent, J. Neural network feature detector for real-time video signal processing 49601
Naylor, D.A. *see* Davis, G.R. 58788
Naylor, P., Alcazar, J., Boudy, J., Grenier, Y. Enhancement of hands-free telecommunications 95260
Nayman, P. *see* Alippi, C. 53346
Nayman, P. *see* Dell'Acqua, A. 87955
Nayman, P. *see* Dell'Acqua, A. 98680
Nayyer, J., Nagata, H. Suppression of thermal drifts of high speed $Ti:LiNbO_3$ optical modulators 82717
Nayyer, J. *see* Hatami-Hanza, H. 82594
Nayyer, J. *see* Yanagimachi, T. 63536
Nazaratby, M. Integrated networks for CATV transmission and distribution 86747
Nazarchuk, Z.T., Khmil, Z.M. Diffraction of H-polarized electromagnetic waves by partially shielded dielectric cylinder 64131
Nazarenko, A.Y. *see* Kroll, A.V. 98170
Nazarenko, O.K. *see* Berezina, G.P. 97216
Nazarenko, P.N. *see* Voronov, V.N. 99836
Nazarenko, P.N. *see* Voronov, V.N. 99843
Nazarenko, S.V., Newell, A.C., Zakharov, V.E. Communication through plasma sheaths via Raman (three-wave) scattering process 83698
Nazareno, H.N. *see* Nguyen Hong Shon 92998
Nazarewicz, W. Detector frontier: theoretical expectations and dreams 88140
Nazari, A. *see* Kavak, N. 65532
Nazarkin, A.V. *see* Belenov, E.M. 72934
Nazarko, J. *see* Sargent, A. 90669
Nazarov, A.A., Naulik, M.M., Yuzhakov, A.A. Analysis of the mathematical model of an adaptive terminal measurement system 69687
Nazarov, D.I. *see* Vasil'ev, B.I. 94328
Nazarov, N. *see* Evstropov, V.V. 49816
Nazarov, N. *see* Evstropov, V.V. 55616
Nazarov, N. *see* Zhilyaev, Yu.V. 49815
Nazarova, L.D. *see* Popov, I.A. 81901
Nazdryukhina, G.V. *see* Roslyakov, P.V. 89679
Nazem, S. *see* Lee, H. 85462
Nazeman, M.R. *see* Jolfaei, M.A. 74943
Nazeman, M.R. *see* Jolfaei, M.A. 85750
Nazeri, A. Crystallization of sol-gel deposited potassium-tantalate-niobate thin films on platinum 70068
Nazifi, K., Lenyo, J. A hardware modelling system for pins-out verification 91779
Nazin, A.V., Shcherbakov, P.S. Method of averaging along trajectories in passive stochastic approximation (linear algorithm) 61161
Naziripour, A. *see* Hermann, A.M. 56284
Nazmeev, M.M., Pavlycheva, N.K. New generation spectrographs 83347
Nazvanov, V.F., Aphonin, A.O. Phase modulation of optical radiation in structures with surface plasmons 72456
Nazvanov, V.F., Grebennikov, A.I., Aphonin, O.A. Phase-only modulation with optically controlled liquid crystal spatial light modulators 94202
Nche, C.F., Parish, D.J., Phillips, I.W., Eggleton, J.J., Burren, J.W., Tagg, A.G., Wang, H., Adams, C., Murphy, B. An ATM based architecture for supporting multiple video streams—the CHARISMA ATM card 86703
Ndagijimana, F., Engdahl, J., Ahmadouche, A., Chilo, J. Frequency limitation on an assembled SO8 package 91031
Ndagijimana, F., Saguet, P. The use of a full-wave 3D technique in a CAD oriented analysis: the TLM method 55059
Ndayikengurukiye, H. *see* Tachelet, W. 50688
Ndayizamba, J. *see* Do, X.D. 90073
Ndeh-Che, F. *see* Lai, L.L. 59909
Ndeh-Che, F. *see* Lai, L.L. 59977
Ndeh-Che, F. *see* Lai, L.L. 100079
Ndereyimana, D., Lefebvre, S., Gerin-Lajoie, L. Eigenvalue analysis of AC transmission systems with static compensators 89195
Ndilikilikesha, P.C. Potential influence diagrams 54659
Ndinayi, T.D.G. *see* McCarthy, D.K. 83664
N'dri, D., Fernandes, C., Callemyn, J.M. Parallel CRC coding for ATM cells 57337
Ne, L. *see* Mine, K. 97859
Neacsu, D. *see* Alexa, D. 78695
Neagoe, C., Ossart, F. Analysis of convergence in nonlinear magnetostatic finite elements problems 83475
Neal, D.B., Newton, M.I., McHale, G. Negative differential resistance in thin metal films with a cadmium arachidate overlayer 71255
Neal, G. Air transport common cockpit 77147
Neal, H.W., Kyle, R.J.S. Texas Instruments uncooled infrared systems 87301
Neal, M.J. *see* Kovachev, V.T. 93971
Neal, T. Trends in electronic power devices 80115
Neal, T.R., Karulkar, P.C. An AFM study of surface morphology of commercial 6" SOI wafers 93084
Neal Bertram, H. *see* Xiaodong Che 72117
Neale Mayo, M. *see* Higdon, N.S. 99175
Nealon, M. *see* Iqbal, A. 54508
Nealon, M. *see* Iqbal, A. 54533
Nealon, M. *see* Iqbal, A. 91062
Neamtu, M., Pfluger, P.R. Degenerate polynomial patches of degree 4 and 5 used for geometrically smooth interpolation in R^3 79652
Neamtu, V. *see* Dascalescu, L. 64109
Nearing, J.C. *see* Reusch, M.F. 72256
Nease, G. *see* Dagen, A.J. 52260
Neave, J.H. *see* Fawcett, P.N. 91495
Neave, J.H. *see* Zhang, X. 79825
Neaves, P. *see* Hatfield, J.V. 58879
Neaves, P. *see* Hatfield, J.V. 87320
Neaves, P.I., Hatfield, J.V. Current-mode multiplexer for interrogating resistive sensor arrays 66152
Neba, Y. *see* Nonaka, S. 68781
Nebashi, S. *see* Miyazawa, H. 50604
Nebdal, R., Aranguiz, I.F. The design of printed circuit boards for CAM 92700
Nebosis, R.S., Heusinger, M.A., Schatz, W., Piehler, A., Low, R., Reschauer, N., Renk, K.F., Semenov, A.D., Kouminov, P., Goghidze, I.G., Gershenzon, E.M. A $TlBa_2Ca_2Cu_3O_9$ film for detection of visible and far-infrared radiation 66354
Nebosis, R.S. *see* Semenov, A.D. 66352
Nebus, P. *see* Sovak, P. 72023
Nebylov, A.V. Robust algorithms for integration of a discrete positional sensor and a continuous acceleration sensor 99039
Necchi, R. *see* Bigliardi, S. 56005
Nechaev, E.P. *see* Zul'kov, A.V. 51481
Nechaev, O.P. *see* Taratuta, I.P. 68031
Nechaev, U.B. *see* Bychkova, L.V. 73541
Nechaev, V.V. *see* Gorin, V.I. 89626
Nechaeva, L.P. *see* Belov, A.S. 87858
Nechaeva, T.A. *see* Mandel', V.E. 94678
Nechay, B.A. *see* Sheridan, J.A. 63581
Neches, I.O. *see* Volkov, E.A. 83887
Nechiporenko, I.N., Batrak, A.G., Ben'ko, V.Yu., Kiryushin, A.A., Zavarzina, O.L., Kobets, M.I., Sirenko, V.A., Titlyanov, E.A., Sidorenko, V.D. Superconducting magnet separator: devices and applications 94757
Nechiporuk, A.Y. *see* Balinskii, M.G. 56232
Nechval, N.A. Adaptive CFAR test for detection of targets in clutter using radar with multiple resolution elements 75524
Necioglu, B.F. *see* Paul, D.B. 84116
Necker, P. *see* Maule, R. 53947
Nedbal, J. *see* Klier, E. 71893
Nedderman, J.M. Developing Japan's APWR 53871
Neddermeyer, H. *see* Wurm, K. 81500
Nedelchev, I.M., Jesshope, C.R. Basic building blocks for asynchronous packet routers 49276
Nederson Do Prado, R. A new ZVT PWM converter family: analysis, simulation and experimental results 61538
Nedjalkov, M. *see* Rossi, F. 62642
Nedkov, I., Veneva, A., Miteva, S., Nurgaliev, T., Lovchinov, V. Magnetic properties and surface resistance of Rb-doped YBaCuO ceramic 72212
Nedkov, I. *see* Dishovski, N. 73311
Nedolugov, V.I. *see* Barikhin, B.A. 56643
Nedoluha, G.E. *see* Thacker, D.L. 88772
Nedtwig, J. Recommendations for revision of the content of the EMC Directive and for elimination of gaps in the European Standards for EMC 83704
Nedumaran, D. *see* Padmanabhan, K. 76992
Nedved, J. *see* Gevaert, D. 49504
Nee, C.-p. *see* Lee, L.-s. 84079
Nee, J. *see* Jee-Hoon Yap 93080
Nee, R.D.J.van *see* van Nee, R.D.J.
Nee Chi-Ping *see* Chi-Ping Nee
Nee Tzer-En *see* Tzer-En Nee
Neebel, D.J., Kime, C.R. Multiple weighted cellular automata 49373
Needham, B.R., Eckerling, P.H., Siri, K. Simulation of large distributed DC power systems using averaged modelling techniques and the Saber simulator 67734
Needham, R. *see* Abadi, H. 57982
Needleman, A. *see* Shen, Y.-L. 48691
Neef, B. *see* Hnyk, R. 58169
Neelakandan, K. *see* Pankajakshan, V.S. 91557
Neelakanta, P.S. *see* Gu, C. 51253
Neeland, W.S. *see* Hamaker, H.C. 71470
Neelima, R., Prasad, R.N., Karekar, R.N. Use of solid-electrolyte cell as an active low-temperature sensor 87073
Neely, D. *see* Kato, Y. 50730
Neely, D. *see* Key, M.H. 50731
Neely, D. *see* Murai, K. 56613
Neely, S. *see* Shahidi, G.G. 71797
Neenan, T.X. *see* Houlihan, F.M. 81624
Neenan, T.X. *see* Munzel, N. 81617
Neeraj Pujara *see* Ioannidis, G. 67957
Nees, J. Metal-semiconductor-metal photodetectors on low-temperature-grown semiconductors 71118

Neethling, J.H. *see* Alberts, V. 62169
Nefed'ev, L.A., Samartsev, V.V. Optical echo-holography: (review) 50972
Nefedov, A.L. Harmonic generation by a three-level atom in a strong field 73011
Nefedov, E.I., Nefedov, I.E., Chernikova, T.Yu. Electrodynamic theory of coupled dielectric fin lines 51170
Nefedov, I.E. *see* Nefedov, E.I. 51170
Nefedtsev, E.V. *see* Gaponenko, V.M. 62059
Neff, D.E. *see* Shell, J.S. 58370
Neff, J. *see* Rabiul Islam, M. 54965
Neff, J. *see* Schenfeld, E. 50640
Neff, J.A. Optical interconnects based on two-dimensional VCSEL arrays 50630
Neff, J.A., Guarino, D.R. Planned development of a 3-D computer based on free space optical interconnects 82864
Neff, J.G. *see* Chelakara, R.V. 83040
Neff, J.G. *see* Fertitta, K.G. 79858
Negami, T., Kohara, N., Nishitani, M., Wada, T. Preparation of ordered vacancy chalcopyrite-type $CuIn_3Se_5$ thin films 91561
Negami, T., Nishitani, M., Ikeda, M., Wada, T. Preparation of $CuInSe_2$ films on large grain CdS films for superstrate-type solar cells 100457
Negami, T. *see* Nishitani, M. 100455
Negami, T. *see* Terauchi, M. 91565
Negami, T. *see* Wada, T. 62193
Negami, T. *see* Wada, T. 79958
Neggers, K. SURFnet extends to ATM 85734
Negi, S.S. *see* Singh, R.N. 58842
Negi, Y.S., Kawamura, I., Suzuki, Y., Yamamoto, N., Yamada, Y., Kakimoto, M., Imai, Y. Polyimide, polyamide-imide and polyamide alignment layers for antiferroelectric liquid crystal display cells and their structural effect on hysteresis behavior 58918
Negishi, T. *see* Yamamoto, M. 93088
Negnevitsky, M., Kalam, A. Development of a training simulator for power restoration drills 59817
Negnevitsky, M., Kalam, A. Operative monitoring of distribution networks by fault condition data 59924
Negoita, M.G. Fuzzy logic: a modern methodology with large applicability to automotive engines 78943
Negra, M.Della *see* Della Negra, M.
Negrat, M.A., Macario, R.C.V. Cordless telepoint today 52043
Negrete, G.V. *see* Fenzi, N.O. 80648
Negretto, M. *see* Pinciroli, F. 76995
Negri, A. *see* Boudreau, R. 94542
Negrini, F., Garre, R., Martinelli, G., Molfino, P., Montanari, I., Penco, R. First results of the Italian national program on superconducting MHD magnets technology 82472
Negru, S. *see* Lazarovici, D. 59231
Negus, K., Koupal, B., Wholey, J., Carter, K., Millicker, D., Snapp, C., Marion, N. Highly-integrated transmitter RFIC with monolithic narrowband tuning for digital cellular handsets 97135
Nehamkin, S. *see* Lotan, N. 55497
Nehl, T.W., Lequesne, B., Gangla, V., Gutkowski, S.A., Robinson, M.J., Sebastian, T. Nonlinear two-dimensional finite element modeling of permanent magnet eddy current couplings and brakes 82288
Nehorai, A., Paldi, E. Acoustic vector-sensor array processing 84366
Nehorai, A., Paldi, E. Performance analysis of two direction estimation algorithms using an acoustic vector sensor 84461
Nehorai, A., Paldi, E. Localization of particle sources with detector arrays 95525
Nehorai, A., Paldi, E., Porat, B. Detection and localization of vapor-emitting sources 98167
Nehorai, A. *see* Hochwald, B. 73579
Nehorai, A. *see* Hochwald, B. 86547
Nehorai, A. *see* Ng, B.C. 84390
Nehorai, A. *see* Starer, D. 51456
Nehrbass, J.W., Gupta, I.J. A vectorized multiple plate scattering code 73258
Nehrir, M.H. *see* Sharpe, T.L. 78006
Nei Jei *see* Jei Nei
Neiberg, L., Casasent, D.P. Implementing neural nets on non-ideal analog hardware 56486
Neichi, K. *see* Hoshi, Y. 88113
Neichi, K. *see* Masuda, K. 67337
Neichi, K. *see* Oyama, K. 98567
Neichi, K. *see* Sakamoto, M. 59077
Neidenhoff, A. Establish Friis's noisy signal chain connection 55030
Neidhofer, G.J. The evolution of large hydroelectric generators and synchronous motors 89709
Neifeld, A., Hayes, J.D. Parallel error correction for optical memories 63353
Neifeld, M.A., Hayes, J.D. Optical and electronic error correction schemes for highly parallel access memories 56307
Neifeld, M.A., McDonald, M. Error correction for increasing the usable capacity of photorefractive memories 94045
Neighbors, K.P., Campanella, W. Is SNMP the key for customer-managed networks? 57971
Neikirk, D.P. *see* Block, T.R. 91509
Neikirk, D.P. *see* Gullapalli, K.K. 62666
Neikirk, D.P. *see* Gullapalli, K.K. 93312
Neikirk, D.P. *see* Islam, M.S. 57168
Neikirk, D.P. *see* Miller, D.R. 62636
Neikirk, D.P. *see* Tuncer, E. 83778
Neil, G. *see* Liu, H. 83184
Neil, G.R., Hongxiu Liu An optical approach to emittance compensation in FELs 63886
Neil, G.R. *see* Hongxiu Liu 66924
Neil, M.A.A. *see* Lin, M.J. 72361
Neilsen, M.L. Structures for fault-tolerant distributed protocols 74743
Neilson, J. *see* DeHope, W. 62122
Neilson, J. *see* DeHope, W. 92901
Neilson, J. *see* Ives, R.L. 92885
Neilson, J.B., Crocker, B.N. UV aging of fluorescent reflectors 69218
Neimat, M.-A., Schneider, D.A. Achieving transaction scaleup on Unix 86000
Neir, L.A., Petr, D.W. Time-to-delivery queuing: a multi-purpose resource allocation and congestion control technique 74683
Neira, J., Montano, L., Tardos, J.D. Constraint-based object recognition in multisensor systems 51723
Neirynck, J. *see* Dedieu, H. 49044
Neirynck, J. *see* Dedieu, H. 92433
Neisser, J. *see* Steinhagen, H. 99188
Neisser, M. *see* Ferguson, R. 71450
Neisser, M.O. *see* Liebmann, L.W. 71507
Neitzel, G.P. *see* Mittelmann, H.D. 54783
Neitzel, U., Maack, I., Gunther-Kohfahl, S. Image quality of a digital chest radiography system based on a selenium detector 53403
Neitzert, H.-C. *see* Campi, D. 94158
Neitzert, H.C., Layadi, A.N., Roca i Cabarrocas, P., Vanderhaghen, R. In situ microwave reflectivity measurements of the changes in surface recombination of crystalline silicon induced by the exposure to silane, silane/helium, and helium plasmas 81465
Neitzert, H.C., Loffler, S., Klausmann, E., Fahrner, W.R. Metal-oxide-semiconductor capacitance measurements on amorphous silicon 81386
Neitzert, H.C. *see* Fahrner, W.R. 71244
Nejim, A. *see* Giles, L.F. 93238
Nejim, A. *see* Marsh, C.D. 81446
Nejim, A. *see* Yupu Li 49831
Nekhoul, B., Feuillet, R., Sabonnadiere, J.C., Quinchon, L., Morillon, F. Prediction of transient electromagnetic environment in power networks 89188
Nekhoul, B., Shi, R.S., Feuillet, R. Switching transient electromagnetic fields in substations and transmission lines 100422
Neki, I. *see* Ishiyama, M. 69236
Nekomoto, Y. *see* Tanaka, T. 60068
Nekrasov, B.V. *see* Shmigol, I.N. 89563
Nekrasov, I.S., Prokopov, V.N. Use of autocorrelation processing in the problem of estimating the original period of random pulsed signals 57488
Nekrasov, K.G. *see* Baranov, V.A. 76849
Nekut, A.G. Anisotropy induction logging 77232
Nekut, A.G. Electromagnetic ray-trace tomography 77233
Nelin, E.A. *see* Zin'kovskli, Yu.F. 56186
Nelisse, M.W. *see* Van Woerden, J.A. 98990
Nelissen, G.T.M., Kuntzky, H.-H. Power station with integrated coal gasification—control engineering aspects 89684
Nell, R. *see* Gurker, N. 98859
Nelles, D. *see* Dilger, R. 68041
Nelles, D. *see* Machowski, J. 99450
Nellessen, R. *see* Gallersdorfer, R. 52254
Nelli, P. *see* Di Natale, C. 98159
Nelli, P. *see* Faglia, G. 66545
Nelms, R.M., Jones, T.D., Cosby, M.C., Jr. A comparison of resonant inverter topologies for HPS lamp ballasts 69214
Nelms, R.M. *see* Bell, J.B. 68644
Nelms, R.M. *see* Cosby, M.C. 54106
Nelms, R.M. *see* Cosby, M.C., Jr. 79000
Nelms, R.M. *see* Halpin, S.M. 78097
Nelms, R.M. *see* Haskew, T.A. 49138
Nelms, R.M. *see* Hung, J.Y. 54175
Nelms, R.M. *see* Hung, J.Y. 69107
Nelson, A. *see* Domash, L. 56322
Nelson, A.J. Investigation on the effect of isoelectronic substitution in $ZnS_{1-x}Se_x$ alloys 92951
Nelson, A.J., Hasoon, F., Levi, D. Processing and characterization of large-grain thin-film CdTe 92939
Nelson, A.J., Horner, G.S., Sinha, K., Bode, M.H. Ordered vacancy compound $CuIn_3Se_5$ on GaAs (100): epitaxial growth and characterization 69923
Nelson, A.R. *see* Spillman, W.B., Jr. 52896
Nelson, B. *see* Johnson, R. 79391
Nelson, B. *see* Kobayashi, K.W. 80794
Nelson, B.P. *see* Iwaniczko, E. 90443
Nelson, B.P. *see* Moskowitz, P.D. 69502
Nelson, C. Power factor correction ICs minimize external parts count 68088
Nelson, C. *see* Amidei, D. 98639
Nelson, C. *see* Heid, L. 91032
Nelson, C.W. *see* Nelson, L.M. 80169
Nelson, D. Special purpose correlation functions for improved signal detection and parameter estimation 84401
Nelson, D., Prochaska, J. Gas turbine cogeneration systems matriculate in universities 78447
Nelson, D. *see* Harris, J.D. 84083
Nelson, D.J. Development of an inspection planner's associate 68393
Nelson, D.J., Muh-Lin Chen, He-Ping Si An object oriented load projection system 53718
Nelson, D.J., Vick, B. Thermal limitations in optical recording 94054
Nelson, D.J. *see* Creel, K.E. 92817
Nelson, E.A., Schilling, D.L. Comments on "Analysis and measurement of FM click rate in slow Rician fading" 83648
Nelson, E.M. *see* Nantista, C. 66811
Nelson, E.M. *see* Wang, J.W. 67150
Nelson, H.N. *see* Alexander, J.P. 59072
Nelson, H.N. *see* Alexander, J.P. 70305
Nelson, J.K. Dielectric fluids in motion 68680
Nelson, J.K. Some steps toward the automation of the design of composite dielectric structures 82121
Nelson, J.P., Bolin, W. Basics and advances in battery systems 60424
Nelson, J.P. *see* Phipps, J.K. 59930
Nelson, J.W. *see* Lapp, J.C. 87377
Nelson, K. *see* Carrigan, R.A., Jr. 59039
Nelson, L.M., Nelson, C.W., Walls, F.L. Relationship of AM to PM noise in selected RF oscillators 80169
Nelson, L.Y., Green, J.R. Digital imaging technology applied to crewstation display measurement 98227
Nelson, N.R. Description of the consolidated automated support system (CASS) electro-optical subsystem (EOSS) 58634
Nelson, P.A. Active control of acoustic fields and the reproduction of sound 97727
Nelson, P.A. *see* Joseph, P. 57449
Nelson, R., Bian, J., Williams, S.L. Transmission series power flow control 89102
Nelson, R. *see* Adve, V.S. 69685
Nelson, R. *see* Makowski, A.M. 79537
Nelson, R. *see* Polana, R. 64725
Nelson, R. *see* Polana, R. 96067
Nelson, R.C. Finding line segments by stick growing 64588
Nelson, R.D., Sommerfeldt, S., Bar-Cohen, A. Thermal performance of an integral immersion cooled multichip module package 79334
Nelson, R.F., Shirley, R.S., Weiss, J.M. Closing the loop with an expert system: Therminator, a case study 68353
Nelson, R.J. Transmission power flow control: electronic vs. electromagnetic alternatives for steady-state operation 77992
Nelson, R.J. *see* Isono, T. 82466
Nelson, R.J. *see* Ramey, D.G. 78058
Nelson, R.S., Kasparis, T. Digital processing for non-stationary narrow-band interference suppression in fading channels 84385
Nelson, S., Forbus, W., Jr., Lawrence, K. Permittivities of fresh fruits and vegetables at 0.2 to 20 GHz 76156
Nelson, S. *see* Wu, X.D. 66470
Nelson, S.A. CVC HMD—next generation high-resolution head-mounted display 66622
Nelson, S.O., Kraszewski, A.W., Lawrence, K.C., Kandala, C.V.K. Moisture determination in individual grain kernels and nuts by RF impedance and microwave resonator measurements 87612
Nelson, S.O. *see* Kraszewski, A.W. 66784
Nelson, T.K. *see* Alexander, J.P. 59072
Nelson, T.K. *see* Alexander, J.P. 70305
Nelson, W.C. Comparison of photoresist shelf life in PGMEA and CA solvent systems 81672
Nelson, W.R. *see* Irwin, J. 66896
Nemamcha, M., Gosse, J.P., Gosse, B. Effect of partial discharges on impregnated polypropylene films 82175
Nemanich, R.J. *see* Baumann, P.K. 81337
Nemanich, R.J. *see* Benjamin, M.C. 62253
Nemanich, R.J. *see* He, Y. 79842
Nemanich, R.J. *see* van der Weide, J. 62312
Nematti, B. *see* Fenker, H. 67313
Nemcsics, A. *see* Varga, S. 91501
Nemec, J. Stoke the fires of FPGA design 92118
Nemecek, L. The conductors and cables protection against excess currents 61974
Nemeth, D.T. *see* Ludwig, F. 56252
Nemeth, D.T. *see* Miklich, A.H. 63312
Nemeth, D.T. *see* Wellstood, F.C. 97906
Nemeth, G. Abstract design method for distributed systems 97280
Nemeth, G., Boroczky, L. Study on Gabor expansion and wavelet decomposition for texture analysis 51728
Nemeth, G. *see* Kiss, C. 74287
Nemeth, G., Boroczky, L. *(editors)* Efficient Texture Analysis: Advanced Methods, Applications (KFKI-1994-2/N) 48584
Nemeth Csoka, M. *see* Maischak, D. 69063
Nemeth-Sallay, M. *see* Riesz, F. 66345
Nembauser, G.L. *see* Vance, P.H. 54707
Nemitkin, A. *see* Pommot Maia, M. 59128
Nemkov, V. *see* Ali, A. 54264
Nemoshkalenko, V. *see* Androsov, V. 76390
Nemoshkalenko, V. *see* Bar'yakhtar, V. 67407
Nemoto, E. *see* Kurosawa, S. 66509

Nemoto, K., Fujii, T., Goto, N. Laser beam-forming by deformable mirror 94574
Nemoto, K. *see* Goto, N. 82905
Nemoto, K. *see* Nagano, M. 91475
Nemoto, K. *see* Tanaka, M. 52181
Nemoto, M., Ogawa, Y., Tsunotani, M. GaAs standard cell LSIs 55172
Nemoto, M. *see* Sakurai, N. 55145
Nemoto, S. Experimental evaluation of a new expression for the far field of a diode laser beam 94491
Nemoto, T., Nogami, T. Segregation of Cu to grain boundaries by aging treatment and its effect on EM resistance for AlCu/TiN lines 62519
Nemoto, Y. *see* Jun-Ichi Kudoh 77725
Nemoto, Y. *see* Kobayashi, M. 64198
Nemoto, Y. *see* Kudoh, J. 74956
Nemoto, Y. *see* Kudoh, J. 77396
Nemoto, Y. *see* Okude, Y. 59915
Nemov, S.A. *see* Ravich, Yu.I. 49853
Nemtsev, G.Z. *see* Ignat'ev, A.S. 71729
Nemtsev, I.Z., Okhotskii, V.P., Chukina, Ye.A., Lapshin, V.P. Investigation of the duration of the period of refractoriness of excitable membranes in patients using biological feedback to the apparatus of interference currents 77039
Nemura, R.E. *see* Krupinski, R.A. 69263
Nen-Fu Huang, Chiung-Shien Wu An efficient transmission scheduling algorithm for a wavelength-reusable local lightwave network 75476
Nen-Fu Huang, Chiung-Shien Wu, Gin-Kou Ma A time-wavelength scheduling algorithm for interconnected WDM star networks 65769
Nen-Fu Huang, Chung-Ching Chiou Reservation scheme for CRMA high speed networks 58136
Nen-Fu Huang, Huey-Ing Liu, Gin-Kou Ma A study of isochronous channel reuse in DQDB metropolitan area networks 65332
Nen-Fu Huang, Ko-Shung Chen A distributed paths migration scheme for IEEE 802.6 based personal communication networks 97060
Nen-Fu Huang, Yi-Jang Wu, Chiung-Shien Wu, Chung-Ching Chiou A multicast model for WDM-based local lightwave networks with a passive star topology 85851
Nenadal, K. Implementation of geothermal heat utilisation in the Langenthal area 53954
Nenadal, K. Economics of domestic heat pumps compared with direct electric heating 90641
Nenci, L. *see* Di Giuliomaria, C. 99231
Nencib, N., Kedous-Lebouc, A., Cornut, B. 3D analysis of a rotational loss tester with vertical yokes 66657
Nene, M., Stumm, J. Cogeneration projects in built-up areas considerations for noise and vibration mitigation 78377
Nene, P.L. Privatisation of power sector—need for a fresh look 89023
Nener, B.D. *see* Siliquini, J.F. 72612
Nener, B.D. *see* Siliquini, J.F. 75973
Neng Hsing Lu Chip on board technology 90968
Neng Wan *see* Dong Xiang 80048
Neng-Haung Sheng *see* Chung-Yin Kwok 80339
Nengzheng Hu *see* Hu Nengzheng
Nenonen, S. *see* Mutikainen, R. 67401
Nenonen, S. *see* Viitanen, V.-P. 98721
Nentwich, C. *see* Gurker, N. 98859
Neo, B.S., Soh, C. Harnessing telecommunication technologies for enhancing national competitiveness and quality of life: The Singapore IT2000 project 85415
Neo, L.K., Subramanian, K.R., Cheng, T.H., Dubey, V.K. Throughput analysis of an FDDI network under frequent renegotiation 85347
Nerem, R.S., Lerch, F.J., Koblinsky, C.J., Klosko, S.M., Patel, G.B., Williamson, R.G. Ocean dynamic topography from satellite altimetry based on the GEM-T3 geopotential model 99255
Neri, A., Russo, G., Talone, P. Inter-block filtering and downsampling in DCT domain 95790
Neri, B. *see* Bruschi, P. 66533
Neri, F. *see* Ajmone Marsan, M. 85702
Neri, F. *see* Blind, B. 66855
Neri, F. *see* Marsan, M.A. 52175
Neri, F. *see* Marsan, M.A. 65365
Neri, F. *see* Munafo, M. 65361
Neri, J.A. *see* Villela, T. 88332
Nerin, G. *see* Hadjsaid, N. 53649
Nerin, G. *see* Hadjsaid, N. 78191
Nerin, G. *see* Hadjsaid, N. 89066
Nerino, R. *see* Desogus, S. 71061
Nerkararyan, Kh.V. *see* Arutyunyan, V.M. 49805
Nerng-Fu Shin *see* Tean-Sen Jen 63597
Nerng-Fu Shin *see* Tean-Sen Jen 94282
Neron, C. *see* Lisboa, O. 52904
Neron, C. *see* Lisboa, O. 87268
Neron, C. *see* Tsukahara, Y. 77729
Neron, C. *see* Tsukahara, Y. 99362
Nerou, J.-P. *see* Andry, P. 62798
Nervi, M. *see* Costanzo, G. 75834
Nervi, M. *see* Costanzo, G. 75835
Nervi, M. *see* Drago, G. 83495
Nes, F.L.van *see* van Nes, F.L.
Nesbit, A. Component assembly: calculating an optimum sequence 92690
Nesbit, L., Alsmeier, J., Chen, B., DeBrosse, J., Faheyk, P., Gall, M., Gambino, J., Gernhard, S., Ishiuchi, H., Kleinhenz, R., Mandelman, J., Mii, T., Morikado, M., Nitayama, A., Parke, S., Wong, H., Bronner, G. A 0.6 μm^2 256 Mb trench DRAM cell with self-aligned BuriEd STrap (BEST) 92191
Nesbitt, D.W. *see* Dennehy, M.T. 77774
Nesi, P. *see* Ben-Tzvi, D. 84886
Nesi, P. *see* Del Bimbo, A. 57798
Nesi, P. *see* Del Bimbo, A. 84887
Neskovic, M. *see* Brzakovic, D. 59277
Neskovic, M. *see* Brzakovic, D. 70180
Nesladek, M. *see* Schauer, F. 55576
Nespor, J.D. *see* Ashe, J.M. 65886
Nespor, J.D. *see* Bucci, N.J. 65920
Nespurek, S. Molecular switches based on photoconductivity and photochromism 71011
Nespurek, S. *see* Chyla, A. 58903
Ness, J.D. *see* Oberg, D.L. 70580
Ness, J.E.Van *see* Van Ness, J.E.
Ness, J.W.Van *see* Van Ness, J.W.
Ness, M., Herbert, M. A route planner and driver information system for PLEIADES 65943
Nessett, D.M. *see* Stanberry, L.C. 96741
Nessi, M. *see* Ariztizabal, F. 98518
Nessi, M. *see* Gingrich, D. 53291
Nessi-Tedaldi, F. *see* Chemarin, M. 98516
Nessler, N. Flexible transistor array for skin temperature measurements with surgical electrodes 76883
Nessmith, J.T. *see* Belcher, M.L. 75529
Nestel, F.S. *see* Urankar, L. 73198
Nesterenko, I. *see* Danilov, V. 87823
Nesterin, V.A. *see* Afanas'ev, A.A. 78563
Nesterin, V.A. *see* Afanas'yev, A.A. 54006
Nesterov, N.A. *see* Kushin, V.V. 76429
Nesterov, S.M. *see* Kovalev, S.V. 83589
Nesterova, Z.V., Aleksandrov, I.V., Arkhireev, V.O. High-frequency fiber light modulator 83233
Nesterova, Z.V. *see* Arkhireev, V.O. 86344
Nestle, G.J. Reducing photolithography defects to meet submicron device requirements 62611
Nestli, T.Fagernes *see* Fagernes Nestli, T.
Nestrizhenko, Yu.A. A laser cell with polarizing windows 83221
Neswadba, H.G. The partnership between OEM supplier and system manufacturer—an example for Total Quality Management 69618
Netchiporouk, L. *see* Arnaud, F. 59257
Nething, U. *see* Buschhorn, G. 76859
Netishen, C.M. *see* Novak, L.M. 52640
Neto, A.Gomes *see* Gomes Neto, A.
Neto, J.A.M. *see* Hewak, D.W. 63708
Neto, J.A.Medeiros *see* Medeiros Neto, J.A.
Neto, J.S.R. *see* Freire, R.C.S. 97958
Neto, J.S.R. *see* Lima, A.M.N. 75933
Neto, S.P.Xavier *see* Xavier Neto, S.P.
Netravali, A.N. *see* Bruckstein, A.M. 84850
Nett, D. *see* Whitham, K. 67009
Netten, H. *see* Mullikin, J.C. 76070
Netter, P. Experiences using programmable systems in measurement and control protective equipment 97771
Netterstrom, A. *see* Dall, J. 77678
Netto, P.O.B. *see* Costa, C.S. 91303
Netz, S. *see* Gabler, U. 84163
Netzelmann, U. *see* Hoppstadter, D. 76166
Netzer, E., Kane, T.R. Uses of electrodynamic forces in tethered satellite systems. II. Orbit-transfer 99115
Netzer, F.P. *see* Ofner, H. 55736
Netzer, F.P. *see* Ofner, H. 79904
Neubauer, C. *see* Voigt, B. 80218
Neubauer, G. *see* Garn, H. 96883
Neubauer, G. *see* Shell-De Guzman, M. 60963
Neubelt, M.J. *see* Mollenauer, L.F. 56349
Neuber, J. *see* Binneberg, A. 93965
Neubert, G., Vyhnalek, P., Zwanziger, G. Product presentation through electronic media 96430
Neubert, U. *see* Delport, V. 95849
Neubert, U. *see* Von Delport, V. 84609
Neubert, W.M., Kudielka, K.H., Leeb, W.R., Scholtz, A.L. Experimental demonstration of an optical phased array antenna for laser space communications 75388
Neubert, W.M. *see* Kudielka, K.H. 97248
Neubrand, H., Serafin, J., Fullmann, M., Korec, J. Comparison of lateral EST and IGBT devices on SOI substrates 56000
Neudeck, G.W. *see* Gilbert, P.V. 55997
Neudeck, G.W. *see* Siekkinen, J.W. 55919
Neudeck, G.W. *see* Venkatesan, S. 49981
Neudeck, G.W. *see* Venkatesan, S. 92424
Neudeck, G.W. *see* Woo-Sun Lee 81925
Neudeck, P., Kang, S., Petit, J., Tabib-Azar, M. Measurement of n-type dry thermally oxidized 6H-SiC metal-oxide-semiconductor diodes by quasistatic and high-frequency capacitance versus voltage and capacitance transient techniques 71225
Neudeck, P.G., Larkin, D.J., Starr, J.E., Powell, J.A., Salupo, C.S., Matus, L.G. Electrical properties of epitaxial 3C- and 6H-SiC p-n junction diodes produced side-by-side on 6H-SiC substrates 55893
Neudeck, P.G., Larkin, D.J., Starr, J.E., Powell, J.A., Salupo, C.S., Matus, L.G. Four-fold improvement of 3C-SiC PN junction diode blocking voltage obtained through improved CVD epitaxy on low-tilt-angle 6H-SiC wafers 63605
Neudeck, P.G. *see* Larkin, D.J. 79840
Neudeck, P.G. *see* Mazzola, M.S. 55875
Neudorf, E.G. *see* Kunda, D. 68112
Neudorfer, P. *see* Chen, X.S. 60281
Neuendorff, H. Simplifying standardized testing 85294
Neuenschwander, W., Fua, P., Szekely, G., Kubler, O. Initializing snakes [object delineation] 74601
Neuerburg, W. *see* Schwille, W.J. 76785
Neuf, J.B.de *see* de Neuf, J.B.
Neufeld, A. *see* McLaren, P.G. 78227
Neuffer, D. *see* Liu, H. 83184
Neuffer, D. *see* Wang, T. 87918
Neuffer, D. *see* Yan, C. 76444
Neuffer, D.V. μ^+-μ^- colliders: possibilities and challenges 98384
Neugebauer, C.A. *see* Burgess, J.F. 91060
Neugebauer, G.T., Shetty, R., Ard, C.K., Lancaster, R.A., Norton, P. Vertical Bridgman growth of large diameter CdZnTe crystals 91418
Neuhaus, M. Salleri Chialsa project 89718
Neuhaus, M. *see* Dolata, R. 93924
Neuhaus, T., Panzer, K. Optimum modulation of uncooled TO lasers 50801
Neuhofer, G. *see* Fanti, V. 76788
Neuhoff, D.I., Pappas, T.N. Perceptual coding of images for halftone display 74326
Neuhoff, D.L. *see* Lyons, D.F. 85061
Neuhoff, D.L. *see* Moayeri, N. 95093
Neuhoff, D.L. *see* Pappas, T.N. 51716
Neuhoff, D.L. *see* Slyz, M.J. 57901
Neukum, J. *see* Schafer, U. 73030
Neumahr, T. *see* Hausler, G. 50642
Neumaier, A. Global, rigorous and realistic bounds for the solution of dissipative differential equations. I. Theory 69868
Neuman, B.C., Ts'o, T. Kerberos: an authentication service for computer networks 85730
Neuman, J., Lalanne, S., Georges, F., Claude, J.P. Performance evaluation and monitoring of heterogeneous networks 65191
Neuman, M., Mangiafico, P. Providing and accessing information via the Internet: the Georgetown Catalogue of Projects in Electronic Text 75034
Neuman, M.R., Buck, R.P., Cosofret, V.V., Lindner, E., Liu, C.C. Fabricating biomedical sensors with thin-film technology 67453
Neuman, V. *see* Ghisler, Ch. 63736
Neuman, W.A. *see* Dane, C.B. 83257
Neuman de Souza, J. *see* Aguolmine, N. 96476
Neumann, A.G. The new Y14.5M standard on dimensioning and tolerancing 60720
Neumann, D.A. *see* Desourdis, R.I., Jr. 75386
Neumann, G. *see* Nghiem, S.V. 77534
Neumann, H. *see* Yakushev, M.V. 49791
Neumann, I. *see* Heine, S. 99627
Neumann, N. Modified triglycine sulphate for pyroelectric infrared detectors 50137
Neumann, N., Hofmann, G. Influence of surface layers and electrothermal coupling on dielectric loss of thin chips made from modified triglycine sulphate 56195
Neumann, N., Kohler, R. Application of pyroelectric P(VDF/TrFE) thin films in integrated sensors and arrays 66326
Neumann, N. *see* Hofmann, G. 66334
Neumann, P. *see* Landau, S. 83927
Neumann, R. *see* Freund, J. 61406
Neumann, W. *see* Einfeld, D. 59217
Neumann, W. *see* Einfeld, D. 66834
Neumann, W.T. The design of a human interface for a thunderstorm warning system 99214
Neumark, G.F., Park, R.M., DePuydt, J.M. Blue-green diode lasers 63825
Neumeier, K., Bruemmer, H.P. Radiation hard LOCOS field oxide 71777
Neumeyer, L.G., Digalakis, V.V., Weintraub, M. Training issues and channel equalization techniques for the construction of telephone acoustic models using a high-quality speech corpus 95247
Neumuller, H.-W. *see* Hornung, R. 82338
Neunast, K. *see* Elixmann, M. 85818
Neungheon Lee *see* Duckchool Lee 52825
Neunstocklin, V. *see* Braun, H. 59847
Neuper, C. *see* Flotzinger, D. 98892
Neupert, D., Schlee, M., Simon, E. Science-based process control at Staudinger power station—status, operating experience and prospect 53906
Neupert, D., Schlee, M., Simon, E. MODI—an expert system supporting reliable, economical power plant control 78270
Neupert, D. *see* Weisang, C. 68355
Neureither, B. *see* Cote, D. 62421
Neureuther, A.R. *see* Helmsen, J.J. 71496
Neureuther, A.R. *see* Newmark, D.M. 71484
Neureuther, A.R. *see* Socha, R.J. 62577
Neureuther, A.R. *see* Toh, K.K.H. 49876
Neureuther, A.R. *see* Wong, A.K. 62613
Neureuther, A.R. *see* Wong, A.K. 71465
Neureuther, A.R. *see* Wong, A.K. 71500
Neureuther, A.R. *see* Zuniga, M. 81640
Neuschaeefer, G. *see* Lynch, M.T. 76295
Neuschaefer-Rube, U. *see* Holzapfel, W. 56501
Neuschafer, D., Preiswerk, H., Spahni, H., Konz, E., Marowsky, G. Second-harmonic generation using planar waveguides with consideration of pump depletion and absorption 50936
Neuschafer, D. *see* Marowsky, G. 63966

Neustruev, V.B. *see* Anoikin, E.V. 56334
Neuts, M.F. *see* Liu, D. 74636
Neuts, M.F. *see* Lucantoni, D.M. 75084
Neuvo, Y. *see* Astola, J. 80440
Neuvo, Y. *see* Bing Zeng 64736
Neuvo, Y. *see* Laakso, T. 49557
Neuvo, Y. *see* Lightstone, M. 49550
Neuvo, Y. *see* Lin Yin 74067
Neuvo, Y. *see* Pietila, T. 88493
Neuvo, Y. *see* Ruikang Yang 64676
Neuvo, Y. *see* Soininen, R. 85012
Neuvo, Y. *see* Sun, T. 64625
Neuvo, Y. *see* Tang, K. 95665
Neuvo, Y. *see* Tong Sun 84202
Neuvo, Y. *see* Viero, T. 57717
Neuvo, Y. *see* Wichman, R. 84203
Neuvo, Y. *see* Yang, R. 64415
Neuvo, Y. *see* Yang, R. 64651
Nevai, P., Yuan Xu Mean convergence of Hermite interpolation 61145
Nevalainen, O. *see* Franti, P. 84825
Nevatia, R. *see* Ulupinar, F. 57732
Nevatia, R. *see* Zerroug, M. 74622
Nevdakh, V.V. *see* Gaiko, O.L. 63664
Nevdakh, V.V. *see* Gaiko, O.L. 82899
Neve, H.De *see* De Neve, H.
Neve, M.J., Rowe, G.B. Contributions towards the development of a UTD-based model for cellular radio propagation prediction 97112
Nevels, R.D. *see* Chenhong Huang 82652
Neves, B.R.A., Alves, E.S., Sampaio, J.F., Oliveira, A.G., Meneses, E.A. Magnetotunneling studies of the dimensionality of the emitter electron gas of double barrier devices 49798
Neves, J.C. *see* Fernandes, J.J.G. 74989
Neves, J.C.S. *see* Rodrigues, J.L.V. 70671
Neves, S.das *see* das Neves, S.
Nevesely, M. Identifications of perturbations in electric circuits 61451
Nevesely, M. Identifications of perturbations based on the measurement of voltage 61452
Nevesskii, N.E. Electromagnetic fields around current-conducting structures 94720
Nevesskii, N.Y. Electromagnetic fields of current structures 51015
Neviani, A. *see* Canali, C. 81827
Neviani, A. *see* Zanoni, E. 62186
Neviere, M. *see* Mentz, E. 94670
Nevill-Manning, C.G., Witten, I.H., Maulsby, D.L. Compression by induction of hierarchical grammars 57626
Nevill-Manning, C.G. *see* Witten, I.H. 51643
Neville, S. *see* Dimopoulos, N.J. 97667
Nevin, R.L. *see* Ashe, J.M. 65886
Nevin, W.A., Yamagishi, H., Tawada, Y. Improvement of the stability of hydrogenated amorphous silicon by hydrogen plasma treatment 93245
Nevins, W.M. *see* Harvey, R.W. 83829
Nevison, B. New coding strategy for the Nucleus speech processor 98960
Nevolin, V.N. *see* Fominski, V.Yu. 70163
Nevolin, V.N. *see* Fominski, V.Yu. 71369
Nevoux, R., Benard-Dende, J.-C. Requirements for personal mobility in FPLMTS/UMTS: a view point from the user's expectations 86169
New, D. Delivering multimedia over narrowband networks 85885
Newberger, B. *see* Carrigan, R.A., Jr. 59039
Newberger, B.S., Shih, H.-J., Ellison, J.A. Effect of betatron motion on the septum flux in superslow extraction at the SSC 66955
Newberger, B.S. *see* Shih, H.-J. 87807
Newberry, D.M. Investigation of single event effects at the system level 70575
Newbill, M. Bonneville Power Administration's wood pole management program 78168
Newborough, M., Probert, D. Purposeful energy education in the UK 54380
Newbury, J. Developments in power communications systems 99682
Newbury, R. *see* Clark, R.G. 83571
Newby, M. Perspective on Weibull proportional-nazards models 69636
Newby, M. Why no additive hazards models? 91135
Newby, R.A., Bannister, R.L. Advanced hot gas cleaning system for coal gasification processes 60111
Newcomb, R.M. *see* Sullivan, N.T. 87523
Newcomb, R.W. *see* Yuh, J.-d. 61841
Newcombe, A., Botvich, D.D., Lodge, F., Curran, T. A decision support system for assurance of quality of service in intelligent network service provisioning 96863
Newcombe, C. Evaluating harmonics problems in commercial and industrial facilities 68170
Newcombe, C. Take control of harmonics [in power systems] 88941
Newcomer, F.M., Van Berg, R., Williams, H.H., Tedja, S., Van der Spiegel, J. A fast, low power amplifier, shaper and discriminator for high rate straw tracking systems 67375
Newcomer, F.M. *see* Kitchin, P.J. 92910
Newdick, R. E^4: the Drexel curriculum 90821
Newell, A.C. *see* Nazarenko, S.V. 83698
Newell, B. *see* Seabaugh, A.C. 92074
Newell, J.A. *see* Dagdeviren, N. 65414
Newell, J.C. PAL and HDTV transmission experiments using SDH networks 66021
Newell, J.C. *see* Cook, R.D. 77023
Newell, J.C. *see* St. Ville, L.J. 97300
Newell, M.R., Caldwell, J.T. Imaging boxed waste assay system 98729
Newell, S.M. *see* Ferro, R.J. 62669
Newell, T., Alsing, P.M., Gavrielides, A., Kovanis, V. Synchronization of chaotic trajectories in a diode resonator using proportional feedback 49196
Newham, P.J. *see* Mashwama, M. 99485
Newkirk, M. *see* Heismann, F. 50712
Newkirk, M.A. *see* Jianhui Zhou 83289
Newkirk, M.A. *see* Zhou, J. 56918
Newman, B.A. *see* Scheinbeim, J.I. 56111
Newman, B.G. Approach to algorithmic/conceptual design using MATLAB 74133
Newman, D. *see* Tolly, K. 52188
Newman, D. *see* Tolly, K. 52190
Newman, D. *see* Tolly, K. 52776
Newman, D. *see* Tolly, K. 57976
Newman, D. *see* Tolly, K. 65269
Newman, D. *see* Tolly, K. 65270
Newman, D. *see* Tolly, K. 75445
Newman, D. *see* Tolly, K. 85520
Newman, D. *see* Tolly, K. 85822
Newman, D. *see* Tolly, K. 96630
Newman, D. *see* Tolly, K. 96902
Newman, D.B., Jr. Cyberjustice: patent infringement 69474
Newman, D.M. *see* Carey, R. 50254
Newman, D.M. *see* Carey, R. 71997
Newman, D.M. *see* Carey, R. 72123
Newman, E. Recent trends in international value added network services agreements in the Pacific Basin 85490
Newman, E.H. *see* Blanchard, J.L. 73284
Newman, E.H. *see* Torres, R. 57234
Newman, G.A. A study of downhole electromagnetic sources for mapping enhanced oil recovery processes 88750
Newman, I. *see* Karchmer, M. 85325
Newman, P. Traffic management for ATM local area networks 74987
Newman, P. Backward explicit congestion notification for ATM local area networks 96606
Newman, P.A. *see* Redaelli, G. 77398
Newman, R. *see* Meinig, C. 99131
Newman, R. *see* Morkel, P.R. 58403
Newman, R.C. *see* Faidi, S.E. 87592
Newman, R.L., Haworth, L.A. Helmet-mounted display requirements: just another HUD or a different animal altogether? 67691
Newman, T.H. *see* Brunner, T.A. 71502
Newman, T.H. *see* Liebmann, L.W. 71507
Newman, T.S., Jain, A.K. Bidirectional template-matching for 3D CAD-based inspection 69611
Newman, W. *see* Sredniawski, J. 76443
Newman, W. *see* Varn, D.K. 85961
Newman, W.H. *see* Arnaud, F. 59257
Newman, W.H. *see* Delhomme, G. 76882
Newman-Wolfe, R.E. *see* Venkatraman, B.R. 65312
Newmark, D.M., Tomacruz, E., Vaidya, S., Neureuther, A.R. Investigation of proximity effects for a rim phase-shifting mask printed with annular illumination 71484
Newmeyer, C. *see* Schultz, J.H. 89348
Newnham, R.E., Dogan, A., Xu, Q.C., Onitsuka, K., Tressler, J., Yoshikawa, S. Flextensional "moonie" actuators 99340
Newnham, R.E. *see* Fiallo, H.H. 73461
Newnham, R.E. *see* Meyer, R., Jr. 75938
Newnham, R.E. *see* Shaoping Li 76155
Newport, D.F., Young, J.W. An ASIC implementation of digital front-end electronics for a high resolution PET scanner 71810
Newport, D.F. *see* Young, J.W. 98841
Newport, J. *see* Roark, C. 59648
Newrock, R.S. *see* Ikai Lo 81267
Newrock, R.S. *see* Mitchel, W.C. 81331
Newsam, G.N., Dietrich, C.R. Bounds on the size of nonnegative definite circulant embeddings of positive definite Toeplitz matrices 91168
Newsham, G.R., Tiller, D.K. The energy consumption of desktop computers: measurement and savings potential 79039
Newsham, G.R. *see* Tiller, D.K. 69024
Newsom, C. *see* Bruckner, W. 88025
Newsom, C.R. *see* Russ, J. 59135
Newsome, J.R. *see* Periasamy, R. 60939
Newson, D.J. *see* Mirshekar-Syahkal, D. 80754
Newson, D.J. *see* Spurdens, P.C. 81943
Newson, P. An analysis of the effects of power control error within a direct sequence CDMA system for mobile radio 86236
Newson, P., Heath, M.R. The capacity of a spread spectrum CDMA system for cellular mobile radio with consideration of system imperfections 65609
Newson, P., Mulgrew, B. Adaptive channel identification algorithms for GSM digital mobile radio 75251
Newton, J. *see* Arya, R.R. 90414
Newton, J. *see* Arya, R.R. 100522
Newton, J. *see* Bennett, M. 100535
Newton, J. *see* Fonash, S.J. 72588
Newton, J. *see* Willing, F. 100547
Newton, J.L. *see* Sotirin, B.J. 99225
Newton, M.A., Cravey, W.R., Hawkins, S.A., Kirbie, H.C., Ollis, C.W. Development of FET-switched induction accelerator cells for heavy-ion fusion recirculators 66806
Newton, M.I., McHale, G. Electroluminescence and electron emission in planar MIM structures 71253
Newton, M.I. *see* Neal, D.B. 71255
Newton, S.A. *see* Baney, D.M. 94264
Newton, T.J. *see* Heathershaw, A.D. 99297
Nexsen, W. *see* Meinke, R. 76603
Nexsen, W. *see* Tsyganov, E. 76609
Nexsen, W. *see* Tsyganov, E. 87857
Ney, H., Noll, A. Acoustic-phonetic modeling in the SPICOS system 51394
Ney, H., Steinbiss, V., Haeb-Umbach, R., Tran, B.-H., Essen, U. An overview of the Philips Research system for large vocabulary continuous speech recognition 64388
Ney, H. *see* Aubert, X. 84113
Ney, H. *see* Haeb-Umbach, R. 51396
Ney, H. *see* Haeb-Umbach, R. 84019
Ney, H. *see* Oerder, M. 73860
Ney, M.M. *see* Chen, Z. 51110
Ney, M.M. *see* Dindo, S.F. 83457
Neyens, J., Lataire, P. Some principles of modern control of speed 68518
Neyens, J. *see* Maljean, M. 69040
Neyer, A. *see* Klein, R. 94131
Neyran, B. *see* Bacelar, A. 95855
Neyts, K.A., Corlatan, D., De Visschere, P., Van den Bossche, J. Observation and simulation of space-charge effects and hysteresis in ZnS:Mn AC thin-film electroluminescent devices 63587
Neyts, K.A. *see* Van Den Bossche, J. 76123
Nez, F., Plimmer, M.D., Sourzeix, S., Julien, L., Felder, R., Millerioux, Y., De Natale, P., Biraben, F. Determination of the Rydberg constant by direct frequency measurement 86973
Nez, F. *see* Acef, O. 73020
Nez, F. *see* Acef, O. 87418
Nez, F. *see* Acef, O. 87572
Nez, F. *see* Millerioux, Y. 86877
Nez, F. *see* Touahri, D. 86883
Nezaki, K. *see* Kaihara, S. 60950
Nezar, A., Mok, P.K.T., Salama, C.A.T. Latch-up prevention in insulated gate bipolar transistors 55906
Nezhevenko, O., Kazarezov, I., Kozyrev, E., Kuznetsov, G., Makarov, I., Nikiforov, A., Persov, B., Serdobintsev, G., Tiunov, M., Yakovlev, V., Zapryagaev, I. First test of the X-band pulsed magnicon 76375
Nezhevenko, O. *see* Korchuganov, V. 66999
Nezli, L. *see* Khene, M.F. 90507
Nezry, E., Beaudoin, A., Lopes, A., Rudant, J.-P., Lopes, A. Preprocessing of multifrequency SAR images: application to geological study of karstic formations (Le Larzac—France) 67800
Nezry, E., Lopes, A., Ducros-Gambart, D. Supervised radiometric and textural segmentation of SAR images 77684
Nezry, E. *see* De Grandi, G. 77239
Nezu, S. *see* Egawa, K. 78174
Nezu, Y. *see* De Bievre, P. 86970
Nezu, Y. *see* Fujii, K. 86983
Nezu, Y. *see* Shiota, F. 86985
Ng, A.K.W. *see* Lam, J.C. 100790
Ng, B. *see* Younger, F.C. 87743
Ng, B.C., Nehorai, A. Active array sensor location calibration 84390
Ng, B.C. *see* Er, M.H. 73563
Ng, B.C. *see* Er, M.H. 74086
Ng, B.P., Er, M.H., Kot, C. Linear array geometry synthesis with minimum sidelobe level and null control 57298
Ng, C. *see* Wu, J. 98659
Ng, C.-K., Derutyer, H., Ko, K. Numerical simulation of coupler cavities for linacs 66812
Ng, C.-K. *see* Bane, K.L.F. 87725
Ng, C.K. *see* Barletta, B. 76636
Ng, C.K. *see* Schwarz, H.D. 67134
Ng, C.K. *see* Sun, H.C. 55765
Ng, C.S., Tjhung, T.T., Adachi, F., Chin, F.P.S. Closed-form error probability formula for narrow-band FSK, with limiter-discriminator-integrator detection, in Rayleigh fading 95085
Ng, C.S. *see* Lu, Y.H. 67783
Ng, D.H.L., Jakubovics, J.P., Briggs, G.A.D. Measurement of stress in an elastically bent steel bar by magnetoacoustic emission 49025
Ng, G.C., Worrell, S.S., Freiburger, P.D., Trahey, G.E. A comparative evaluation of several algorithms for phase aberration correction 84247
Ng, G.I., Pavlidis, D., Samelis, A., Pehlke, D., Garcia, J.C., Hirtz, J.P. Demonstration of GaInP/GaAs heterojunction bipolar transistors grown with reduced toxicity all-metalorganic precursors 55925
Ng, G.I., Pavlidis, D., Samelis, A., Pehlke, D., Garcia, J.C., Hirtz, J.P. A comparative study of GaInP/GaAs heterojunction bipolar transistors grown by CBE using TBA/TBP and AsH_3/PH_3 sources 93329
Ng, G.I. *see* Kobayashi, K.W. 80734
Ng, G.I. *see* Lai, R. 92521
Ng, G.I. *see* Laskar, J. 80694
Ng, G.I. *see* Marsh, P. 55414
Ng, H. *see* Hartlein, R.A. 68237
Ng, H.C. *see* Leung, S.H. 95339

Ng, H.C. *see* Wong, K.F. 95304
Ng, H.W. *see* Bascom, E.C., III 89272
Ng, H.W. *see* McBride, J.E. 68238
Ng, H.W. *see* Wiggins, C.M. 53739
Ng, I. *see* Song, K.Y. 69608
Ng, I.Y. *see* Bhat, C.M. 66961
Ng, J.M., Chan, E., Ip, H.H.S., Tsang, P.H.H., Kwok, K.Y., Lee, Y.K. A distributed multimedia conferencing system 85914
Ng, J.M., Liang, S.T.Y., Chan, E., Au, C.F. Multimedia bridge for interconnecting FDDI networks 65816
Ng, J.M. *see* Tsang, P.H.H. 85311
Ng, K. *see* Gish, H. 84065
Ng, K. *see* Rohlicek, J.R. 84068
Ng, K.-W. Operation of an opamp at liquid helium temperature 50024
Ng, K.K. *see* Boza, L.B. 48649
Ng, K.T. *see* Lerman, B.B. 77041
Ng, K.Y. *see* Ellison, M. 66909
Ng, K.Y. *see* Kourbanis, I. 87817
Ng, K.Y. *see* Lee, S.Y. 66869
Ng, K.Y. *see* Liu, J.Y. 98399
Ng, K.Y. *see* Martens, M.A. 87919
Ng, K.Y. *see* Skan, J.P. 66848
Ng, K.Y. *see* Syphers, M.J. 66966
Ng, K.y. *see* Wang, Y. 66910
Ng, L.S.B. *see* Wang, D.Y. 76430
Ng, P.K.H., Chen, R.M.M., Layfield, A.M. Multiprocessor 'Direct-Method' circuit simulator 70245
Ng, P.T. Smoothing spline score estimation 79657
Ng, T.S. *see* Ho, L.K. 85193
Ng, T.W., Chau, F.S. Automated analysis in digital speckle shearing interferometry using an object step-loading method 57003
Ng, W.-Y. *see* Chow, C. 96112
Ng, W.W. *see* Tsai, F.-S. 60343
Ng, Y. *see* Sredniawski, J. 76443
Ng Chun Sum *see* Chun Sum Ng
Ng Geok-Ing *see* Geok-Ing Ng
Ng Kang Siong *see* Hasan, S.M.R. 70813
Ng Kien Aun *see* Lim Kia Yong 95327
Ng Kim-Gau *see* Kim-Gau Ng
Ng Seng Slew *see* Seng Slew Ng
Ng Tok Soon *see* Tok Soon Ng
Ng Tuck Wah *see* Tuck Wah Ng
Ng Wai Tung *see* Wai Tung Ng
Ng Wing-Yan *see* Wing-Yan Ng
Ngai, K.S. *see* Hau, S.S.F. 84482
Ngan, K.N., Chooi, W.L. Very low bit rate video coding using 3D subband approach 74495
Ngan, K.N. *see* Kieu, L.H. 85863
Ngan, K.N. *see* Tan, T.K. 57721
Ngandui, E. *see* Olivier, G. 68762
Ngarmnil, J. *see* Toumazou, C. 92370
Ngee Tan Han *see* Han Ngee Tan
Nghiem, D., Williams, J.T., Jackson, D.R., Oliner, A.A. Suppression of leakage on stripline and microstrip structures 80563
Nghiem, S.V., Li, F.K., Lou, S.H., Neumann, G. Ocean remote sensing with airborne K_u-band scatterometer 77534
Nghiem, S.V. *see* Yueh, S.H. 77535
Nghiem, S.V. *see* Yueh, S.H. 88795
Nghiem Anh *see* Anh Nghiem
Ngiam Kia Wah *see* Kia Wah Ngiam
Ngiam Tee Chau *see* Tee Chau Ngiam
Ngo, C. *see* Lam, F. 80752
Ngo, D. *see* Camilleri, N. 80724
Ngo, D. *see* Camilleri, N. 81417
Ngo, D. *see* Camilleri, N. 82052
Ngo, D. *see* Camilleri, N. 93675
Ngo, D. *see* Costa, J.C. 80719
Ngo, E. *see* O'Day, M.E. 79989
Ngo, J.T., Marks, J. Spacetime constraints revisited 57381
Ngo, K.D.T. *see* Harris, W.S. 61522
Ngo, K.D.T. *see* Lai, R.S. 68788
Ngo, N.Q., Le Nguyen Binh Novel realization of monotonic Butterworth-type lowpass, highpass, and bandpass optical filters using phase-modulated fiber-optic interferometers and ring resonators 65836
Ngo, T., Brannon, C., Shier, J. A low-power 3 V-5.5 V read/write preamplifier for rigid-disk drives 91922
Ngo, T. *see* Pham, D. 92287
Ngo Chin Yeung *see* Chin Yeung Ngo
Ngo Dac Tan Hamilton cycles in cubic (m,n)-metacirculant graphs with m divisible by 4 48802
Ngo Phung *see* Phung Ngo
Ngoh, L.H., Lazar, A.A. Design and implementation of a manageable B-ISDN host interface 75076
Ngoi, B.K.A. *see* Yeo, S.H. 79371
Ngoi Bryan Kok Ann *see* Bryan Kok Ann Ngoi
Ngouyassa, E. *see* Dezhgosha, K. 88638
NGoya, E. *see* Quere, R. 81765
Ngoya, E. *see* Suarez, A. 55433
Nguen Min Chau *see* Sebko, V.V. 83516
Nguyen, A. *see* Bambos, N. 74756
Nguyen, A. *see* Jongen, Y. 59011
Nguyen, A. *see* Umiastowski, K. 59218
Nguyen, B. *see* Rieffel, O. 99726
Nguyen, B.-Y. *see* Hayden, J.D. 63040
Nguyen, B.C. *see* Kwok, K. 70158
Nguyen, B.T. *see* Kazimierczuk, M.K. 59512
Nguyen, B.T. *see* Strawser, R.E. 80099
Nguyen, C. Development of new miniaturised bandpass filter having ultrawide bandwidth 55375
Nguyen, C. *see* Rahman, K.M. 80737
Nguyen, C. *see* Rahman, K.M. 83796
Nguyen, C. *see* Schwindt, R. 73462
Nguyen, C. *see* Schwindt, R. 80608
Nguyen, C. *see* Schwindt, R. 92603
Nguyen, C. *see* Tran, M. 49624
Nguyen, C.T., Kuehne, S.C., Renteln, P., Wong, S.S. Quasi-SOI MOSFETs using selective epitaxy and polishing 62814
Nguyen, C.T., Ver Ploeg, E.P., Kuehne, S.C., Plummer, J.D., Wong, S.S., Renteln, P. Measurement of substrate current in SOI MOSFETs 50012
Nguyen, C.T. *see* Ferkinhoff, D.J. 99399
Nguyen, C.T. *see* Ver Ploeg, E.P. 62794
Nguyen, C.T.-C., Howe, R.T. Quality factor control for micromechanical resonators 63114
Nguyen, C.T.-C., Howe, R.T. CMOS micromechanical resonator oscillator 91941
Nguyen, D. *see* Wong, W.-H. 53408
Nguyen, D.C., Austin, R.H., Chan, K.C.D., Feldman, D.W., Goldstein, J.C., Gierman, S.M., Kinross-Wright, J.M., Kong, S.H., Plato, J.G., Russell, S.J., Sheffield, R.L., Sherwood, B.A., Sigler, F.E., Timmer, C.A., Weber, M.E., Ziomek, C. Recent progress of the Los Alamos Advanced Free Electron Laser 83193
Nguyen, D.C. *see* Sheffield, R.L. 76385
Nguyen, D.H. *see* Bernstein, G.M. 65056
Nguyen, E. *see* Kerszenbaum, I. 89245
Nguyen, H. *see* Ditmire, T. 50754
Nguyen, H.B. *see* DeFerrari, H.A. 88809
Nguyen, H.C. *see* Abbott, W.L. 92396
Nguyen, H.K. *see* Hunter, J. 62022
Nguyen, H.N., Tual, J.P., Ducousso, L., Thill, M., Vallet, P. Logic synthesis and verification of the CPU and caches of a mainframe system 49217
Nguyen, H.N., Tual, J.P., Ducousso, L., Thill, M., Vallet, P. The structured logic CAD suite used on the DPS7000 system 91758
Nguyen, H.T., Prince, M.P. A power starter with low output current harmonics 54031
Nguyen, K. *see* Bechade, R. 92285
Nguyen, K. *see* Goplen, B. 62125
Nguyen, K.H. *see* Iravani, M.R. 77989
Nguyen, K.T., Smithe, D.N., Ludeking, L.D. The double-cusp gyro-gun 62060
Nguyen, L. *see* Bates, M. 73858
Nguyen, L. *see* Matloubian, M. 61935
Nguyen, L. *see* Placeway, P. 73838
Nguyen, L.D. *see* Brown, A.S. 56022
Nguyen, L.D. *see* Madden, C.J. 92629
Nguyen, L.D. *see* Pospieszalski, M.W. 80693
Nguyen, L.T. Reactive flow simulation in transfer molding of IC packages 91026
Nguyen, L.T. *see* Chen, A.S. 91044
Nguyen, L.T. *see* Poulin, T.R. 91057
Nguyen, M. *see* Almasque, J. 89174
Nguyen, M. *see* Wu, X.D. 66470
Nguyen, M.-H. *see* Harman, D.D. 86758
Nguyen, M.T. *see* Kormany, T. 82082
Nguyen, M.T. *see* Vice, R.L. 99613
Nguyen, N. *see* Castaneda, C. 62012
Nguyen, N.X., Ibbetson, J.P., Yen, J.C., Hashemi, M.H., Mishra, U.K. Encapsulated GaAs power MESFET 62905
Nguyen, P. *see* Jiaa, C.L. 72148
Nguyen, S. *see* Cote, D. 62421
Nguyen, S. *see* Tuckerman, D.B. 48679
Nguyen, S.T., Zook, B.J., Xiaodong Zhang Distributed computation of electromagnetic scattering problems using finite-difference time-domain decompositions 83624
Nguyen, S.V., Nguyen, T., Treichel, H., Spindler, O. Plasma-assisted chemical vapor deposition and characterization of boron nitride films 61383
Nguyen, T. *see* Blieske, U. 100685
Nguyen, T. *see* Cameron, J.M. 53494
Nguyen, T. *see* Doerner, M.F. 50289
Nguyen, T. *see* Mitchell, M.A. 61628
Nguyen, T. *see* Nguyen, S.V. 61383
Nguyen, T.A. *see* El-Hilo, M. 50227
Nguyen, T.H. The impact of a cold snap on daily system load shapes 77810
Nguyen, T.H. *see* Trumper, D.L. 68550
Nguyen, T.K. *see* Melin, G. 53148
Nguyen, T.K. *see* Melin, G. 76747
Nguyen, T.M., Hen-Geul Yeh, Hinedi, S.M. Performance comparison of data-derived symbol synchronizers in the presence of unbalanced data streams 51286
Nguyen, T.Q. On the design of near perfect reconstruction pseudo QMF banks 95615
Nguyen, T.Q., Laakso, T.I., Koilpillai, R.D. Eigenfilter approach for the design of allpass filters approximating a given phase response 84348
Nguyen, T.Q. *see* Laakso, T.I. 80449
Nguyen, T.Q. *see* Soman, A.K. 84784
Nguyen, T.Q. *see* Tuncer, T.E. 95614
Nguyen, T.T., Humpage, W.D. Discriminative characteristics of phase-comparator and numeric distance protection: some comparisons 53808
Nguyen, T.T., Humpage, W.D. Discriminative response to numeric distance protection minimum distance response indices 53809
Nguyen, T.T. *see* Pearcy, T. 78206
Nguyen, T.T.A. *see* Muret, P. 71167
Nguyen, T.V. Recursive convolution and discrete time domain simulation of lossy coupled transmission lines 83733
Nguyen, T.V. Efficient simulation of lossy and dispersive transmission lines 91714
Nguyen, T.V. *see* Chen, C.D. 75394
Nguyen, T.V. *see* Delavaux, J.M.P. 56730
Nguyen, V. *see* Sano, A. 50262
Nguyen, V.Q. *see* Sanghera, J.S. 63419
Nguyen, V.Q. *see* Sanghera, J.S. 98029
Nguyen Bich-Yen *see* Bich-Yen Nguyen
Nguyen Binh Le *see* Le Nguyen Binh
Nguyen Bui Thang *see* Thang Nguyen Bui
Nguyen Cam *see* Cam Nguyen
Nguyen Cong Hoan *see* Hoan Nguyen Cong
Nguyen Hien *see* Hien Nguyen
Nguyen Hong Shon, Nazareno, H.N. Influence of quantum-interference effects on hole mobility in superlattices 92998
Nguyen Huong Lam On codes having no finite completion 84014
Nguyen T. Thao, Vetterli, M. A deterministic analysis of oversampled A/D conversion and $\Sigma\Delta$ modulation 84382
Nguyen-Ngoc, D. *see* Burghartz, J.N. 71611
Nguyen-Tuong, V. *see* Phillips, L. 67124
Nguyen-Van-Dau, F. *see* Collot, P. 58791
Nguyen-Van-Dau, F. *see* Mathet, V. 79835
Nguyen-Van-Dau, F. *see* Olivier, J. 79838
Nguyen-Xuan Anh *see* Anh Nguyen-Xuan
Nguyena, F. *see* Cambus, J.P. 87003
Ngwa, C.S., Hall, S. Electron trapping studies in multiple- and single-implant SIMOX oxides 55674
Nham Hyun Soo *see* Hyun Soo Nham
Ni, C.L. *see* Chen, K.S. 77603
Ni, H. *see* Rand, S.C. 56652
Ni, H.L. *see* Bai, J.Z. 53324
Ni, J., Chandler, S.A.G. Connectivity properties of a random radio network 86038
Ni, J. *see* Chen, Y.D. 52652
Ni, J. *see* Chen, Y.D. 87017
Ni, J. *see* Lu, E. 97800
Ni, J.-Q. *see* Huyberechts, G. 87327
Ni, W.-X., Henry, A., Larsson, M.I., Joelsson, K., Hansson, G.V. High quality $Si/Si_{1-x}Ge_x$ layered structures grown using a mass-spectrometry controlled electron-beam evaporation system 79857
Ni, W.-X. *see* Larsson, M.I. 91442
Ni Da-Guang *see* Da-Guang Ni
Ni Guoqiang, Zhang Hongbin, Jin Weiqi, Zhou Liwei, Fu Delian A study on the design of CCD-Digicon using permanent magnet with demagnification 92909
Ni Haitao *see* Haitao Ni
Ni Ming, Gao Xiaoping, Shan Yuanda Tracking identification of bad data 77830
Ni Ming, Shan Yuanda Bad data tracking identification by method of time series analysis 99787
Ni Tsang-Der *see* Tsang-Der Ni
Ni Wei-Tou *see* Wei-Tou Ni
Ni Wei-Xin *see* Wei-Xin Ni
Ni Weizhen *see* Hui Guanghui 85955
Ni Weizhen *see* Tian Wenshun 85956
Ni Xiaobo, Du Shihong The implementation of peer to peer communication via IPX 85724
Ni Yi-Xin *see* Yi-Xin Ni
Ni Yixin, Chen Shousun, Lu Weixing Stability and security of modern power system 53614
Ni Yixin, Chen Shousun, Lu Weixing Stability and security of modern power systems 68121
Ni Yixin *see* Fu Shuti 59825
Ni Yixin *see* Wang Yanchun 60083
Ni Yixin *see* Yao Liangzhong 59811
Ni Yixin *see* Yao Liangzhong 88970
Ni Yixin *see* Zhang Zhonghua 89048
Ni Yu-De *see* Yu-De Ni
Ni Zhongyuan *see* Zhongyuan Ni
Nian, H.L.T., Shu, D., Sheng, I.C.A., Kuzay, T.M. Thermo-mechanical analysis of fixed mask 1 for the Advanced Photon Source insertion device front ends 87765
Nian, T. *see* Zhibi Wang 87764
Nian Liu *see* Liu Nian
Niande Xiang *see* Xiang Niande
Nianle Wu *see* Jian Zhang 94343
Nianzong Liu *see* Liu Nianzong
Niarchos, D. *see* Hristoforou, E. 52793
Niay, P. *see* Boj, S. 63741
Niay, P. *see* Cordier, P. 82599
Niay, P. *see* Douay, M. 63391
Niay, P. *see* Douay, M. 63727
Niay, P. *see* Poignant, H. 72788
Niay, P. *see* Taunay, T. 82583
Niazi, M.A.K. *see* Harrington, R.J. 89175
Niblack, C., Blessinger, M., Westrick, A., Eastwood, M., Staller, C. Multiplexed focal plane array upgrade for the AVIRIS instrument 58857
Niblack, C.A. *see* Blessinger, M.A. 58849
Niblack, W. *see* Kanungo, T. 74595
Niblett, J. *see* John, J. 63380

Nicati, P.-A., Toyama, K., Huang, S., Shaw, H.J. Frequency pulling in a Brillouin fiber ring laser 72790
Nicchiotti, G., Ottaviani, E. Automatic vehicle counting from image sequences 57805
Niccolai, L. *see* Morandi, C. 61780
Nice, C. *see* Asghari, M. 58436
Nice, C. *see* Asghari, M. 94442
Nice, D.B.Van *see* Van Nice, D.B.
Nicewarner, E. Historical failure distribution and significant factors affecting surface mount solder joint fatigue life 55470
Nicewarner, E. Effect of solder joint geometry and conformal coating on surface mount solder joint fatigue life 81017
Nicewarner, K.E., Kelley, R.B. Reliable vision-guided grasping 53503
Nichelatti, E., Tirabassi, A., Melissano, E. Deposition of profiled optical coatings by masking techniques: a study in the framework of the linear system theory 72981
Nichelatti, E. *see* Montecchi, M. 72976
Nichipor, G.V. *see* Bubnov, V.P. 53930
Nicholas, B.M. *see* Yeoh, C.T.H. 58926
Nicholas, B.M. *see* Yeoh, C.T.H. 72469
Nicholas, D.M. A structural design philosophy specific to electrostatic precipitators and fabric filter casings 89638
Nicholas, R.J. *see* Barnes, D.J. 55592
Nicholas, R.J. *see* Jones, H. 82504
Nicholas, R.J. *see* Leadley, D.R. 81280
Nicholas, V.C.H., Lau, C.T., Lee, B.S. A power LAN for telecommunication power supply equipment 96638
Nicholls, J.A. *see* Monro, D.M. 64762
Nicholls, J.E. *see* Cain, N. 83303
Nicholls, J.E. *see* Dhese, K.A. 70138
Nicholls, J.E. *see* Dhese, K.A. 71285
Nichols, D.K., Coss, J.R., McCarty, K.P. Single event gate rupture in commercial power MOSFETs 71646
Nichols, D.K., Coss, J.R., McCarty, K.P., Schwartz, H.R., Smith, L.S., Swift, G.M., Watson, R.K., Koga, R., Crain, W.R., Crawford, K.B., Hansel, S.J. Overview of device SEE susceptibility from heavy ions 71551
Nichols, D.N., Stancampiano, C.V., Torok, G.R., Lavine, J.P., Stevens, E.G., Burkey, B.C., Lee, T.H., Jech, J., Suchanski, M.R., Trabka, E.A., Khosla, R.P. Single-chip color HDTV image sensor with two polysilicon levels and with WSi_x lightshield used for strapping vertical gates 66046
Nichols, D.N. *see* McColgin, W.C. 66480
Nichols, D.T., Dutta, N.K., Berger, P.R., Smith, P.R., Sivco, D., Cho, A.Y. Monolithic PIN-FET photoreceivers 75495
Nichols, J.A. *see* Peters, R.A., II 64630
Nichols, J.A. *see* Peters, R.A., II 85105
Nichols, K. *see* Haskell, P. 85775
Nichols, K. *see* Jehlen, J. 99851
Nichols, K.B. *see* Aull, B.F. 56475
Nichols, K.B. *see* Brown, E.R. 61907
Nichols, K.G., Kazmierski, T.J., Zwolinski, M., Brown, A.D. Overview of SPICE-like circuit simulation algorithms 70269
Nichols, K.G. *see* Lin, J.T. 93303
Nichols, S., Wiesenfeld, K. Non-neutral dynamics of splay states in Josephson-junction arrays 72239
Nichols, T.E. *see* Blahut, D.E. 86775
Nichols, W.H. *see* Merhej, S.J. 69280
Nicholson, A.E., Brady, J.M. Dynamic belief networks for discrete monitoring 97803
Nicholson, D. BUBL and the development of the UK LIS networking community 52158
Nicholson, D.J. *see* Skormin, V.A. 58392
Nicholson, J.M. *see* Tsung-Yu Pan 70986
Nick, K.-P. *see* Kleinmann, L. 67908
Nick, W. *see* Kreutz, R. 76649
Nick, W.R. *see* Fass, R. 53710
Nickel, F.S. *see* Wiggins, C.M. 53739
Nickel, H. *see* Heedt, C. 93492
Nickel, H.-U., Halbritter, J. Damage and erosion at ceramic windows due to high-power millimeter waves 55507
Nickel, N.H., Johnson, N.M., Jackson, W.B. Evidence for defect metastability in hydrogen passivated fine grain polycrystalline silicon 81492
Nickel, N.H., Johnson, N.M., Van de Walle, C.G. Hydrogen-induced metastable changes in the electrical conductivity of polycrystalline silicon 55549
Nickel, V. *see* Schmidtchen, U. 90884
Nickerson, R. *see* Shankar, K. 67374
Nickerson, R.S. Electronic bulletin boards: a case study of computer-mediated communication 65223
Nickisch, L.J., Franke, P.M. Toward an FDTD analysis of the standard approximations for propagation in randomly structured ionization 83663
Nickles, P.V. *see* Shlyaptsev, V.N. 50719
Nickolaenko, A.P. ELF radio wave propagation in a locally nonuniform Earth-ionosphere cavity 94802
Nickolaenko, A.P., Kudintseva, I.G. A modified technique to locate the sources of ELF transient events 67807
Nickolaev, A.D. *see* Danilichev, M.V. 77467
Nickolsky, A.D. *see* Il'yashenko, E.I. 72124
Nickson, B. *see* Harboe-Sorensen, R. 70467
Nickson, R. *see* Boeder, C.P.W. 76774
Nicol, A.C. *see* Rand, D.T. 59248
Nicol, D. *see* Skutt, G. 68688
Nicol, D.M. *see* Greenberg, A.G. 75270
Nicol, J.R., Pitts, D.V., Wilkes, C.T. Convergence: a triple threat? or How ATM will change the world 85799
Nicol, T. *see* Rosenzweig, J.B. 76722
Nicol, T.H., Arnold, D.E., Champion, M.S. TESLA vertical test dewar cryogenic and mechanical design 66813
Nicola, G. New types of insulated conductors for the F class of thermal insulation 68232
Nicola, S.De *see* De Nicola, S.
Nicolae, A. *see* Vasiliu, M. 73226
Nicolaescu, D. Technological parameters distribution effects on the current-voltage characteristics of field emitter arrays 62081
Nicolaescu, D., Avramescu, V. Field emission diode characterization through model parameters extraction from current-voltage experimental data 62080
Nicolai, J., Wuidart, L. From nickel-cadmium to nickel-hydride fast battery charger 68707
Nicolai, J. *see* Castagnet, T. 79037
Nicolaidis, M. Fault secure property versus strongly code disjoint checkers 49216
Nicolaidis, M. Efficient UBIST for RAMs 49443
Nicolaidis, M., Bederr, H. Efficient implementations of self-checking multiply and divide arrays 49333
Nicolaidis, M., Kebichi, O., Casro Alves, V. Trade-offs in scan path and BIST implementations for RAMs 80337
Nicolaidis, M. *see* Bederr, H. 49402
Nicolaidis, M. *see* Vargas, F. 70472
Nicolaidou, R. *see* von Apeldoorn, G. 88116
Nicolantonio, W.Di *see* Di Nicolantonio, W.
Nicolao, G.De *see* De Nicolao, G.
Nicolaou, C.A. Plastic package failure modes [ICs] 49719
Nicolas, A. *see* Muller, D. 79162
Nicolas, A. *see* Vasconcelos, J.A. 51018
Nicolas, A. *see* Vasconcelos, J.A. 83467
Nicolas, A. *see* Wanser, S. 83492
Nicolas, C., Loiseaux, B., Huignard, J.P. Polarized illumination liquid crystal projector 58934
Nicolas, H. *see* Cicconi, P. 74499
Nicolas, J.J., Lim, J.S. Equalization and interference rejection for the terrestrial broadcast of digital HDTV 86720
Nicolas, J.J. *see* Apostolopoulos, J.G. 75734
Nicolas, L. An integral-type approach for the computation of the far field radiated by microwave devices 83808
Nicolas, L. *see* Muller, D. 79162
Nicolas, L. *see* Vasconcelos, J.A. 51018
Nicolas, L. *see* Vasconcelos, J.A. 83467
Nicolau, A. *see* Haigeng Wang 80468
Nicolau, J. *see* Bonenfant, S. 77092
Nicolaysen, E. *see* Hesselbach, J. 69553
Nicole, M.W. *see* Drane, W.E. 98765
Nicolet, A. Boundary elements and singular integrals in 3D magnetostatics 64094
Nicolet, A. *see* Delince, F. 63250
Nicolet, A. *see* Delince, F. 80937
Nicolet, A. *see* Dular, P. 83430
Nicolet, A. *see* Henrotte, F. 80953
Nicolet, M.-A. *see* Carns, T.K. 71138
Nicolet, M.-A. *see* Chen, J.S. 62307
Nicolet, M.-A. *see* Lie, D.Y.C. 49793
Nicolet, M.-A. *see* Liu, W.S. 54917
Nicolet, M.-A. *see* Reid, J.S. 81564
Nicolet, M.-A. *see* Vantomme, A. 48945
Nicoletti, D., Anderson, A. Numerical modeling of the ultrasonic determination of scatterer size distribution 99368
Nicoletti, D. *see* Cyganski, D. 60782
Nicoletti, S. *see* Borghs, G. 61944
Nicoletti, S. *see* Chicault, R. 63324
Nicoletti, S. *see* Villegier, J.C. 63318
Nicolics, J., Musiejovsky, L., Schrottmayer, D. Application of an infrared sensor for laser soldering process control 60915
Nicolini, C. *see* Adami, M. 59250
Nicolini, C. *see* Bousse, L. 50668
Nicolini, C. *see* Gavazzo, P. 67435
Nicollian, E.H. *see* Tsu, R. 81366
Nicollini, G., Confalonieri, P., Crippa, C., Pernici, S., Mazoyer, Y., Dallavalle, C., Mariani, S., Calloni, A. A 5-V CMOS programmable acoustic front-end for ISDN terminals and digital telephone sets 85954
Nicolosi, P. *see* Villoresi, P. 67414
Nicosia, J. *see* Loss, K. 77132
Nicot, M. *see* Ayela, G. 85474
Niculescu, G. Processing with lost calls for priority clients 74881
Niculescu, H., Schmidmeier, R., Topolski, B., Gielisse, P.J. Shielding effects in ceramic superconductors 82334
Niculescu, H. *see* Saenz, A. 52811
Nie, H.-Y., Nannichi, Y. Schottky and ohmic contacts of Pd on p-type GaAs distinguished with hydrogen 81363
Nie, J. *see* Bai, J.Z. 53324
Nie, X.N., Unbehauen, R. Approximation of multivariable functions by M-D transfer functions with separable denominator 57620
Nie, Z.D. *see* Bai, J.Z. 53324
Nie Caitao, Yang Lilong, Li Yu Design and implementation of a voice and data integrated logic [local] area network based on 32-bit microcomputers 74983
Nie Jingsong *see* Xiong Xuming 72689
Nie Qinhua *see* Qinhua Nie
Nie Shuming *see* Shuming Nie
Nie Zaiping, Cheng Siyuan The numerical analysis for the response of dual lateral logging tool in a complex environment 99148
Nie-Zen Yen *see* Yung-Chun Wu 68646
Niebert, N., Geulen, E. Personal communications: What is beyond radio? 96551
Niebling, G. Identification of gases with classical pattern-recognition methods and artificial neural networks 58882
Niebur, D. Artificial neural networks for power systems—a literature survey 68110
Niebur, D. Artificial neural networks for power systems: a literature survey 99412
Niebur, W. *see* Gabler, A.R. 67416
Nieden, T.zur *see* zur Nieden, T.
Niederer, J. Neural models for corrector control [particle accelerators] 98402
Niederjohn, R.J. *see* Dimino, S.A. 95250
Niederjohn, R.J. *see* Krubsack, D.A. 73787
Niederle, C. *see* Ahne, H. 49928
Niedermeier, K. *see* Hentschel, E. 53992
Niedernostheide, F.-J., Ardes, M., Or-Guil, M., Purwins, H.-G. Spatiotemporal behavior of localized current filaments in p-n-p-n diodes: Numerical calculations and comparison with experimental results 49954
Niedrig, H. *see* Praprotnik, B. 76737
Niedringhaus, W.P., Opper, J., Rhodes, L., Hughes, B. IVHS traffic modeling using parallel computing: performance results 58111
Niedziela, T. Ambient-temperature magneto-exclusion (Cd,Hg)Te detector of 10.6 μm radiation 66332
Niedziela, T. *see* Schasfoort, R.B.M. 58865
Niedzielski, N. *see* Javkin, H. 98989
Niehaus, A., Stengel, R.F. Probability-based decision making for automated highway driving 90616
Niekerk, W.M.K.van *see* van Niekerk, W.M.K.
Nield, M. *see* Syms, R.R.A. 50574
Nield, M.W. *see* Bailey, S.A. 72322
Nielsen, B.S. *see* Adam, W. 88114
Nielsen, C., Sausen, T.M. A comparison of national remote sensing programs in Brazil and Canada 67891
Nielsen, C. *see* Noer, M. 68439
Nielsen, C.D. Evaluation of function blocks for asynchronous design 91745
Nielsen, C.D., Kishinevsky, M. Performance analysis based on timing simulation 92099
Nielsen, G.A. *see* Larsen, W.E. 97493
Nielsen, H.Frystyk *see* Frystyk Nielsen, H.
Nielsen, J. *see* Brothers, L. 96563
Nielsen, J.M. *see* Albrektsen, O. 56816
Nielsen, L. Reducing material use in protective packaging for computer products 79365
Nielsen, L.G., Haslov, P., Skovgaard, N.H. Short and long term behaviour of halogen free fire retarding cable materials in different environments 52519
Nielsen, M.E., Roundy, C.B. A pyroelectric detector array using a custom IC multiplexer 98017
Nielsen, M.L.C. *see* Mir, S. 92429
Nielsen, O.V., Petersen, J.R., Herzer, G. Temperature dependence of the magnetostriction and the induced anisotropy in nanocrystalline FeCuNbSiB alloys, and their fluxgate properties 72034
Nielsen, P. *see* Kjaer, P.C. 68569
Nielsen, P. *see* Nizienko, Yu. 83024
Nielsen, P.L. *see* Lo, Y.L. 98071
Nielsen, P.L. *see* Sirkis, J.S. 87243
Nielsen, P.M. Batman — Danish ATM co-operation 85859
Nielsen, P.S., Lonvig, B. Development of telecommunications management systems using OO methods and CASE tool support 96507
Nielsen, R. *see* Cho, Y. 87949
Nielsen, R.E. *see* Markushevich, N.S. 53742
Nielsen, R.E. *see* Markushevich, N.S. 78077
Nielsen, R.O. Azimuth and elevation angle estimation with a three-dimensional array 57538
Nielsen, T. Opto-electronics by design 50684
Nielsen, T.G., Canelhas, A., Hansen, B.S. Kontek link has the world's longest underground HVDC cable 53733
Nielsen, T.N., Gliese, U., Christensen, T., Hoegh, H., Stubkjaer, K.E. Highly linear and transparent 3-18 GHz optical microwave link 97271
Nielsen, T.N. *see* Bruun, M. 70922
Nielsen, T.N. *see* Bruun, M. 92612
Nielsen, T.N. *see* Riishoj, J. 97236
Nielson, J.T. GPS conventional ALCM—the untold story of the weapon used to start the Gulf War 67942
Nielson, J.T. CALCM—the untold story of the weapon used to start the Gulf War 77780
Niem, W. Robust and fast modelling of 3D natural objects from multiple views 64672

Nieman, D.A. Effect of contamination on copper migration in TAB tape structures 60960
Niemann, E. *see* Muller, G. 62223
Niemann, H. *see* Fischer, V. 95705
Niemann, H. *see* Kasprzak, W. 95685
Niemann, H. *see* Schukat-Talamazzini, E.G. 84123
Niemann, R.C., Cha, Y.S., Hull, J.R., Buckles, W.E., Daugherty, M.A., Weber, B.R. High-temperature superconducting current leads for micro-SMES application 82453
Niembro, G.Ramos *see* Ramos Niembro, G.
Niemczura, P., Murch, F. Eliminating CFC cleaning solvents 70992
Niemegeers, I.G. *see* Hou, X. 65436
Niemeijer, R.J. *see* Unal, C.M.H. 77416
Niemel, L.-P.W., Prasad, R. An improved character description method based on generalized Fourier descriptors 64875
Niemela, A., Sipila, H. Evaluation of CdZnTe detectors for soft X-Ray applications 88330
Niemela, A., Sipila, H. Evaluation of CdZnTe detectors for soft X-ray applications 98599
Niemela, A. *see* Butler, J.F. 59236
Niemela, A. *see* Jalas, P. 88315
Niemela, A. *see* Jalas, P. 98724
Niemela, I. On simplification of large fault trees 61029
Niemela, J., Alaniemi, M.-T., Rautiainen, P. Low NOx burners at Inkoo 68452
Niemeyer, J. *see* Gutmann, P. 87405
Niemi, E. *see* Sato, H. 61353
Niemi, E. *see* Sato, H. 100650
Niemi, G. *see* Baggs, R. 76791
Niemi, G. *see* Cavalli-Sforza, M. 87772
Niemi, H.E.-M. *see* Ahopelto, J. 79841
Niemoeller, T.C. *see* DeWitt, D.P. 81708
Nien Ming Wang *see* Yao Huang Kao 83063
Nien-Bao Liu *see* Ming Ouhyoung 58093
Nienhaus, H. *see* Westermann, J. 55737
Nieniewski, M., Rosicka, M. A simplified simulation model of the DC motor with adaptive model following control 100162
Niepel, L. *see* Jankovic, V. 98767
Niepraschk, R. *see* Rupschus, G. 98352
Nierman, D. *see* Attar, G. 90432
Niermann, T.M. *see* Rudnick, E.M. 91997
Niesten, M.J.H. *see* Cornelissen, H.J. 83413
Nieuwenhove, K.Van *see* Van Nieuwenhove, K.
Nieuwenhuis, L.J.M., Misser, H.S., Hawker, I., Donachie, S.S., Ravera, M., Balzaretti, S., Ralenius, T. Reliability engineering for future telecommunication networks and services 96841
Nieuwenhuizen, G.J.van *see* van Nieuwenhuizen, G.J.
Nieuwenhuizen, M.S., Harteveld, J.L.N. A surface acoustic wave gas sensor for organophosphorus compounds 66547
Nieuwenhuizen, M.S., Harteveld, J.L.N. An automated SAW gas sensor testing system 87019
Nieuwenhuyser, P. Windows in computer conferences 96560
Nieves, A. *see* Priebe, F. 65490
Niewisch, J., Bartelt, H. Optical fiber sensor array for dynamic variables 66375
Niez, J.J., Balian, R. An effective medium theory for random dielectric materials 94795
Niezette, J. *see* Thielen, A. 93687
Niezette, J. *see* Thielen, A. 93688
Niezgoda, G.H., Krolik, J.L. A multiple time scale modularized adaptive beamformer 64445
Niezgoda, G.H., Krolik, J.L. A multiple time scale minimum variance beamformer 84462
Niezrecki, C., Cudney, H.H. Improving the power consumption characteristics of piezoelectric actuators 82192
Nigashi, K., Numata, T., Inokuchi, S. MO readout using defocused beam 50611
Nigen, J.S. *see* Amon, C.H. 97501
Nighan, W.L., Jr. *see* Hodgson, N. 83020
Nighman, N.A. *see* Owen, J.J. 56701
Nightingale, M.D. *see* McNamara, L.F. 86044
Nightingale, M.P.S. *see* Todd, A.M.M. 76315
Nigli, S. *see* Jana, P. 54980
Nigmatulin, B.I., Din'Chuk Nam, Khasanov, R.Kh. Methodological aspects of the thermal-hydraulics safety analysis of water-cooled reactors 89543
Nigmatulin, B.I., Lobachev, A.G., Tikhonenko, L.K. The effect of the arrangement of primary circuit tubes on the development of accidents in pressurised-water reactors 99846
Nigmatulin, B.I. *see* Melnikov, V.I. 89517
Nigmatulin, R.R. *see* Isaev, G.A. 88737
Nigri, A.I., Esmeraldo, P.C.V. HVDC Itaipu insulators performance 53781
Nigrin, S. *see* Augustus, P.D. 81380
Nigro, R. *see* Byrne, J. 99992
Nihei, E. *see* Ishigure, T. 72301
Nihei, E. *see* Ishigure, T. 75436
Nihei, M., Hara, N., Suehiro, H., Kuroda, S. Nonalloyed ohmic contacts for HEMTs using n^+-InGaAs layers grown by MOVPE 93512
Nihey, F. *see* Sakamoto, T. 93043
Niho, T. *see* Horie, T. 83515
Nihtianov, S. Magnetogalvanic approach to isolation of analog circuits 80146
Nii, H. *see* Saito, M. 62850
Nii, H. *see* Yoshitomi, T. 71679
Nii, K. *see* Kobayashi, K. 78969
Nii, M. *see* Itoh, Y. 80771
Nii, R. *see* Kitaura, Y. 93552
Nii, T., Kase, T., Sichanugrist, P. High efficiency a-Si:H solar cells by single chamber method 100546
Nii, T. *see* Saeki, T. 97044
Niibe, M. *see* Kato, Y. 50730
Niibe, M. *see* Murai, K. 56613
Niikura, S., Kameari, A. Analysis for coupled problems between eddy currents and dynamic deflections of a thin shell structure 83489
Niimi, S. *see* Imaizumi, S. 51381
Niimi, T., Umeda, M. Photocarrier generation site in a layered photoreceptor based on azo pigment: effect of wet-coated formations 82800
Niimura, N., Karasaw, Y., Tanaka, I., Miyahara, J., Akahashi, K., Saito, H., Koizumi, S., Hidaka, M. An imaging plate neutron detector 98529
Niimura, T., Yokoyama, R., Cory, B.J. A fuzzy coordination approach for multi-objective voltage and reactive power scheduling of an electric power system 53617
Niina, T. *see* Hamada, H. 93367
Niinisto, L. *see* Viirola, H. 79813
Niinisto, L. *see* Viirola, H. 91544
Niino, F. *see* Kawamura, Y. 56177
Niino, T., Egawa, S., Higuchi, T. High-power and high-efficiency electrostatic actuator 57062
Niiro, Y. Future optical fiber submarine cable networks 86386
Niitsu, Y. Measuring AC emitter and base series resistances in bipolar transistors 62688
Niitsuma, A. *see* Sato, M. 67769
Niitsuma, J. *see* Kage, T. 49109
Niittylahti, J., Inkinen, S.J. Software tool for training FIR and FIR-OS filters 80494
Niiya, S. *see* Sugimitsu, T. 67251
Niiyama, H. *see* Koga, J. 71782
Niiyama, H. *see* Mizuno, T. 62835
Niiyama, H. *see* Mizuno, T. 71699
Niiyama, T. *see* Yamashita, H. 97663
Nijander, C.R. *see* Coucoulas, A. 94127
Nijander, C.R. *see* Jahns, J. 63612
Nijander, C.R. *see* Mersereau, K. 50559
Nijander, C.R. *see* Sauer, F. 56396
Nijenhuis, P.J. *see* Balendonck, J. 77120
Nijhawan, O.P. *see* Datta, P.K. 76081
Nijhof, E.-J., Uijttewaal, W.S.J., Heethaar, R.M. A laser-Doppler system for measuring distributions of blood particles in narrow flow channels 67528
Nijhof, J. *see* Van Roosmalen, H. 75037
Nijhof, J.A.M., Dewantara, I.S., Roovers, Ad.J.M., Prasad, R. Base station system configurations for future universal mobile telecommunication systems 75337
Nijhof, J.A.M. *see* Prasad, R. 51869
Nijhuis, A., Knoopers, H.G., ten Kate, H.H.J. The influence of the diffusion barrier on the AC loss of Nb_3Sn superconductors 93914
Nijhuis, A., ten Kate, H.J. Study of the effect of transport current and combined transverse and longitudinal fields on the AC loss in NET prototype conductors 89300
Nijmweegen, F.C.Van *see* Van Nijmweegen, F.C.
Nijs, J. Photovoltaic cells and modules: technical and economic outlook towards the year 2000 100514
Nijs, J. *see* Caymax, M. 48921
Nijs, J. *see* Caymax, M. 48922
Nijs, J. *see* Elgamel, H.E. 100575
Nijs, J. *see* Elgamel, H.E. 100641
Nijs, J. *see* Ghannam, M.Y. 100620
Nijs, J. *see* Ghannam, M.Y. 100623
Nijs, J. *see* Mertens, R. 53973
Nijs, J. *see* Murti, M.R. 100480
Nijs, J. *see* Sivoththaman, S. 100481
Nijstad, H. *see* Adelerhof, D.J. 93926
Nikaido, H., Tomokawa, T., Yoshizaki, M., Yoshida, M. An automated file transfer management system 74937
Nikaido, H. *see* Tanaka, S. 59617
Nikander, A. *see* Pakonen, P. 90094
Nikawa, K. Failure analysis in Si device chips 62941
Nikawa, K. *see* Nakamura, T. 82048
Nikawa, Y. *see* Kawauchi, Y. 98942
Nikawa, Y. *see* Shimotori, T. 88534
Nikezic, D. Determination of detection efficiency for radon and radon daughters with CR 39 track detector—a Monte Carlo study 53342
Nikezic, D., Velickovic, D. Calibration coefficient for radon measurements with LR-115-II track detector in different types of diffusion chambers 88154
Niki, K., Arai, S., Hashimoto, Y., Masuda, H., Tomizawa, M., Yoshida, K. Beam matching section in the INS heavy ion linac complex 76428
Niki, K., Kamino, M., Shimaoka, K., Yoshisato, Y., Ikemachi, T., Nakano, S. Enhanced mode detection for microwaves using a high-impedance YBCO-BiO composite superconductor 66250
Niki, K. *see* Arai, S. 76316
Niki, K. *see* Tomizawa, M. 76317
Niki, N., Hayashida, T., Masakiyo, F., Nishitani, H., Tamura, I. A magnetoencephalographic mapping using 64 channel SQUID system and MRI 88509
Niki, N. *see* Mino, K. 76923
Niki, S., Makita, Y., Yamada, A., Obara, A., Misawa, S., Igarashi, O., Aoki, K., Kutsuwada, N. Molecular beam epitaxial growth and properties of $CuInSe_2$ 61269
Niki, S. *see* Lee, J.-S. 62244
Nikias, C.L., Gao, S., Heidari, S. Some new results on the inverse problem for electrocardiography 77005
Nikias, C.L. *see* Chen, Y. 84510
Nikias, C.L. *see* Gurelli, M.I. 83899
Nikias, C.L. *see* Shin, D.C. 83710
Nikias, C.L. *see* Shin, D.C. 94860
Nikias, C.L. *see* Shin, D.C. 95390
Nikias, C.L. *see* Shin, D.C. 95539
Nikiforov, A. *see* Nezhevenko, O. 76375
Nikiforov, A.S. *see* Afanasiev, S.V. 52771
Nikiforov, I.V. Optimal diagnosis of changes in stochastic systems 57473
Nikiforov, S.A. *see* Belolaptikov, I.A. 59156
Nikiforov, V.G. *see* Novoselov, A.N. 71529
Nikiforov, V.V., Stroganova, E.P. Modeling of RF and microwave power MISFETs in the nonlinear mode 55951
Nikigosyan, D.N. *see* Vinogradov, E.A. 73089
Nikitenko, A.G. Novel design and method of fabrication of inhomogeneous mirrors 72982
Nikitin, D.V. *see* Vorob'ev, A.Yu. 99499
Nikitin, D.V. *see* Vorobyev, A.Y. 53689
Nikitin, K.I. *see* Kletsel', M.Ya. 78198
Nikitin, P.I., Beloglazov, A.A. A multi-purpose sensor based on surface plasmon polariton resonance in a Schottky structure 66202
Nikitin, P.I., Grigorenko, A.N., Savchuk, A.I., Lyakhovich, A.N., Medynski, S.A. New multinary semimagnetic semiconductors for Faraday rotation magnetic field sensors 63500
Nikitin, V.M. *see* Kirillov, A.A. 69253
Nikitin, Yu.A. Nanosecond sawtooth voltage generators 55163
Nikitina, I.S. *see* Voronov, V.N. 99836
Nikitina, O.M. *see* Arzhanov, E.V. 83046
Nikitopoulos, D.E., Maeder, P.F. An experimental investigation of pure-substance, adiabatic two-phase flow in a vertical pipe 53083
Nikityuk, N.M. Customized integrated circuits in high-energy experiments (Review) 53351
Nikl, M., Fabeni, P., Pazzi, G.P., Ranfagni, A., Mugnai, D., Sopko, B., Ventura, G., Sassolii, K. GaAs based varicap as tunable capacitance at millikelvin temperatures 80900
Niklason, L.T. *see* Cheng, S.N.C. 88421
Nikles, D.E. *see* Barrom, S. 63220
Nikles, D.E. *see* Liang, J.-L. 50285
Nikodemova, D. *see* Durcik, M. 77573
Nikolaenko, A.P. *see* Korol', N.A. 67809
Nikolaev, E.I., Linnik, A.I., Sayapin, V.N. Magnetic bubble dynamics in an iron garnet film working as a spatial light modulator 82705
Nikolaev, V.L. *see* Akimochkin, Yu.V. 53093
Nikolaev, V.M. *see* Gasyuk, V.I. 97285
Nikolaev, V.M. *see* Ginevskii, S.P. 58808
Nikolaev, V.M. *see* Ginevskii, S.P. 58814
Nikolaev, V.M. *see* Ginevskii, S.P. 58815
Nikolaev, V.M. *see* Lukash, D.G. 56352
Nikolaev, V.M. *see* Lukash, D.G. 72342
Nikolaev, Yu.E. *see* Khlebalin, Yu.M. 99943
Nikolaew, N. *see* Morew, W. 85577
Nikolaidis, I., Fujimoto, R., Cooper, C.A. Parallel simulation of high-speed network multiplexers 85227
Nikolaidis, I., Fujimoto, R., Cooper, C.A. Time-parallel simulation of cascaded statistical multiplexers 85977
Nikolaidis, I. *see* Onvural, R.O. 58219
Nikolaidis, N., Pitas, I. Directional statistics in nonlinear vector field filtering 84641
Nikolaidis, N., Pitas, I., Strintzis, M.G. Combined evaluation of motion and disparity vector fields for stereoscopic sequence coding 95688
Nikolaou, V.E. *see* Little, G.R. 77171
Nikolayev, Yu.Ye. *see* Khlebalin, Yu.M. 53908
Nikolayeva, A.A. *see* Gitsu, D.V. 97969
Nikolayko, A.S. *see* Alessandrello, A. 59163
Nikolenko, D.M. *see* Theunissen, J.A.P. 87981
Nikolic, M. *see* Borovac, B. 97930
Nikolic, P.M. *see* Todorovic, D.M. 81250
Nikolic, V. *see* Balkoski, D. 68127
Nikolic, Z.M., Popovic, D.B., Stein, R.B., Kenwell, Z. Instrumentation for ENG and EMG recordings in FES systems 76990
Nikolo, V.A. *see* Golubev, V.S. 57033
Nikolos, D. *see* Efstathiou, C. 80238
Nikolov, I.D., Monovsky, V.K. Adaptive methods and system for image processing 64846
Nikolov, L. *see* Germanova, K. 98256
Nikolov, N.A. *see* Kostov, K.G. 62103
Nikolov, O. *see* Manivannan, G. 57000
Nikolov, Z. *see* Pantchev, B. 50508
Nikolovski, S. Calculation of multiple overhead line parameters using personal computer 89310
Nikolovski, S., Fischer, D. Efficient algorithm for calculation of reliability structural indicator of electric energy supply 53589
Nikolskii, I.V. *see* Kotlyar, V.V. 50903
Nikolskii, V.G. *see* Kaplan, A.M. 56097
Nikonorov, N.V. *see* Lipovskii, A.A. 82641
Nikonorov, V.V. *see* Gavrilenko, V.I. 55608
Nikonov, A.M. *see* Andreev, P.V. 59515
Nikonov, A.M. *see* Andreev, P.V. 60074

Nikonov, S.A., Sviridov, N.V. New developments of Veten on self-contained windmill generators 100034
Nikonov, V.I. *see* Ivakhnik, V.V. 73177
Nikoskinen, K.I. *see* Lindell, I.V. 64067
Nikoskinen, K.I. *see* Lindell, I.V. 64070
Nikova, S. *see* Boyvalenkov, P. 73648
Nikravesh, K.Y. *see* Zadeh, M.S. 53691
Nikulin, A., Shikov, A., Silaev, A., Vorobjova, A., Pantsyrny, V., Davydov, I., Belyakov, N., Mareev, K., Trokhachev, G., Filatov, O. Development and investigation of multifilamentary Nb_3Sn conductors to be used in the ITER magnetic system 82452
Nikulin, A. *see* Heremans, G. 82444
Nikulin, A.D., Shikov, A.K., Khlebova, N.E., Antipova, E.V., Dontsova, E.S., Akimov, I.I., Kazakov, E.Y., Vargin, V.A., Medvedev, M.I., Kozlenkova, N.I., Klepatsky, V.E. Ag-2223 (Bi) tapes structure and superconducting properties in dependence of initial powder type 82326
Nikulin, A.D., Shikov, A.K., Pantsyrny, V.I., Vorobjova, A.E., Dergunova, E.A., Kozljenkova, I.I., Potapenko, I.I., Beljakov, N.A., Silaev, A.G., Zinovjev, V.G., Drobyshev, V.A., Herlach, F., Van Bockstal, L., Li, H., Heremans, G. Investigations of electrophysical and mechanical properties of high-strength Cu-Nb composites for pulse magnetic system winding wires 83563
Nikulin, A.D. *see* Gubkin, I.N. 82327
Nikulin, A.D. *see* Pantsyrny, V.I. 82487
Nikulin, S.P. *see* Gavrilov, N.V. 49741
Nikzad, A. *see* Shellhammer, S.J. 74522
Niland, W. *see* Schlafer, J. 72650
Nilaya, P. *see* Biswas, D.J. 82916
Nill, C., Sundberg, C.-E.W. Viterbi algorithms with list and soft symbol output: extensions and comparisons 95095
Nilsen, J., MacGowan, B.J., Da Silva, L.B., Moreno, J.C., Koch, J.A., Scofield, J.H. Reinterpretation of the neon-like titanium laser experiments 82919
Nilsen, J., Moreno, J.C. Use of the prepulse technique to enhance the weak 18.2-nm laser line in neonlike selenium 72690
Nilsen, J. *see* Politov, V.Yu. 56603
Nilsen, J. *see* Wan, A.S. 50741
Nilsen, J. *see* Wan, A.S. 72666
Nilsen, K. *see* Hammerstad, E. 77340
Nilsen, R. *see* Adnanes, A.K. 69124
Nilsen, R. *see* Fagernes Nestli, T. 100136
Nilson, C. *see* Clavelier, D. 91908
Nilson, C.D., Darling, R.B., Pinter, R.B. Shunting neural network photodetector arrays in analog CMOS 92443
Nilssen, R. *see* Dhawan, R.K. 68691
Nilssen, R. *see* John, V. 100330
Nilssen, R. *see* Mohan, N. 80088
Nilssen, R. *see* Naik, R. 68731
Nilsson, A., Holmberg, P. Combining a stable 2-D vision camera and an ultrasonic range detector for 3-D position estimation 76075
Nilsson, A., Perros, H., Stevenson, D. Tools and methodologies for high speed network design 52228
Nilsson, A. *see* Abrahamsson, K. 76307
Nilsson, A. *see* Danared, H. 67255
Nilsson, A. *see* Onvural, R.O. *(editor)* 60727
Nilsson, A.A. *see* Bottomley, L.J. 58159
Nilsson, A.A. *see* Jou, Y.F. 51782
Nilsson, B. *see* Crawford, J.F. 77054
Nilsson, B.J.L. High temperature superconductors for computer interconnect applications 90983
Nilsson, H. The many faces of demand-side management 99568
Nilsson, H. *see* Klonz, M. 86898
Nilsson, J., Lans, H. The GNSS transponder: A cost-effective worldwide GNSS-based civil aviation CNS/ATM, ATC, ATN data link and collision avoidance system concept 97486
Nilsson, J., Scheer, P., Jaskorzynska, B. Modeling and optimization of short Yb^{3+}-sensitized Er^{3+}-doped fiber amplifiers 50775
Nilsson, J.E.M. Difference between two soft-decision decoding algorithms 95090
Nilsson, J.E.M. *see* Dodunekov, S.M. 51316
Nilsson, K. Object oriented DSP programming 70649
Nilsson, L. *see* Olsson, N. 98509
Nilsson, L. *see* Zhi-Hua Zhong 91398
Nilsson, M. UMTS visions and the possible evolutions of GSM networks 86122
Nilsson, M., Sjoberg, S., Gladh, T., Larsson, R., Troedsson, U. Digital image communication using a public digital telephone network 65418
Nilsson, P.A., Claeson, T., Hansen, J.B., Kuhle, A. Influence of inductance induced noise in an $YBa_2Cu_3O_7$ dc-SQUID at high operation temperatures 50424
Nilsson, P.A., Ivanov, Z.G., Olsson, H.K., Winkler, D., Claeson, T., Stepantsov, E.A., Tzalenchuk, A.Ya. Bicrystal junctions and superconducting quantum interference devices in $YBa_2Cu_3O_7$ thin films 72227
Nilsson, S. *see* Keller, B.P. 54893
Nilsson, S. *see* Kjellgren, J. 65896
Nilsson, S. *see* Wetzel, C. 70045
Nilsson, T. Managing interworking between a DQDB MAN and B-ISDN 65429
Nimaks, K. *see* Groll', Kh. 73195
Nimmervoll, R. ELFE district heating controller with meterbus interface 89553
Nimmo, K.L. *see* Wood, E.P. 79972
Nimr, M.K.El *see* El Nimr, M.K.
Nimrihter, M.D. Comparative analysis of security concepts for urban medium voltage cable distribution networks 53748
Nimura, Y. *see* Horiuchi, T. 62594
Ninan, L. *see* Simrock, S.N. 67045
Nindra, B.S. *see* Vakser, B.D. 60162
Ning, T. *see* Shahidi, G.G. 71790
Ning, T. *see* Shahidi, G.G. 71797
Ning, T.H. *see* Hsu, C.C.-H. 55980
Ning, T.H. *see* Shahidi, G.G. 92195
Ning, Y.N., Jackson, D.A. A demountable optical current sensor using a bulk glass sensing element 87206
Ning, Y.N. *see* Wang, D.N. 83397
Ning Baojun *see* Gao Yuzhi 61365
Ning Bi *see* Yingyong Qi 84144
Ning Cai *see* Ahlswede, R. 85330
Ning Chang, Golomb, S.W. On n-phase Barker sequences 95118
Ning Gu *see* Wu Lu 81717
Ning Guo, Morgera, S.D. Throughput efficiency of frequency-hopped ARQ over fading channels 96971
Ning Hua Zhu, Jun Li, Ren Ming Wang Analysis of the eigenmodes of two coupled Ti:$LiNbO_3$ optical waveguides and its application 50512
Ning Li *see* Li Ning
Ning Liu *see* Liu Ning
Ning Qiu, Flanagan, W.F., Wittig, J.E. Magnetic properties and magnetic hardening mechanism of Pt-Co-B alloys 82253
Ning Sui-Liang *see* Sui-Liang Ning
Ning Sun, Yan, Y.T., Pilat, F., Bourianoff, G. The linkage of Zlib to TEAPOT for auto-differentiation map extraction and nonlinear analysis 66990
Ning Sun *see* Anju Yao 82940
Ning Sun Yu *see* Sun Yu Ning
Ning TaiKang *see* TaiKang Ning
Ning Tang *see* Bo-Ping Hu 82259
Ning Wang *see* Bryant, M.D. 63261
Ning Wing *see* Wing Ning
Ning Xu *see* Zhuo Sun 79896
Ning Xu *see* Xu Ning
Ning Zhang, McLane, P.J. Global synchronization of a FDMA/TDM processing satellite communication system 86295
Ning Zhao *see* Zhao Ning
Ning Zhu *see* Roos, H.B. 89001
Ning-Cheng Lee *see* Hance, W.B. 92791
Ninghai Meng *see* Meng Ninghai
Ningyan Liu, Hong Yan Improved method for color image enhancement based on luminance and color contrast 64800
Ningyan Liu, Hong Yan A solution to the dynamic range problem of pixel values in color image enhancement 96115
Ninkov, Z., Tang, C., Easton, R.L. Evaluation of a charge injection device array 66474
Ninomija, S.P. *see* Funada, M.F. 67550
Ninomiya, A., Kanda, Y., Uriu, Y., Ishigohka, T., Yamamoto, J. Monitoring system of superconducting magnet using Fuzzy theorem 94029
Ninomiya, A. *see* Ishigohka, T. 93995
Ninomiya, H., Asai, H. Design and simulation of neural network digital sequential circuits 70811
Ninomiya, H. *see* Inoue, H. 70185
Ninomiya, H. *see* Matsukawa, M. 90104
Ninomiya, H. *see* Sakamoto, Y. 55568
Ninomiya, H. *see* Yoshida, H. 72685
Ninomiya, K., Hasegawa, M. Total photo-yield imaging of stripe patterns using soft X-ray microbeam formed by Wolter-type mirror 59221
Ninomiya, K. *see* De, S.C. 91580
Ninomiya, K. *see* Hasegawa, M. 88338
Ninomiya, K. *see* Maruyama, E. 100528
Ninomiya, K. *see* Nishikuni, M. 78812
Ninomiya, K. *see* Okamoto, S. 55749
Ninomiya, K. *see* Sayama, K. 100595
Ninomiya, N. *see* Ushiku, Y. 71438
Ninomiya, S., Adachi, S. Chemical etching of thermally-grown SiO_2 films on SiC studied by spectroscopic ellipsometry 55769
Ninomiya, T. Practicability study of short-circuit current limiter 78219
Ninomiya, T. *see* Higashi, T. 100267
Ninomiya, T. *see* Nakata, T. 78473
Ninomiya, T. *see* Ohkubo, M. 71616
Ninomiya, T. *see* Ohkubo, M. 94523
Ninomiya, T. *see* Sabanovic-Behlilovic, N. 100293
Ninomiya, T. *see* Watanabe, M. 71534
Ninomiya, T. *see* Yamanaka, C. 48706
Ninomiya, T. *see* Zaitsu, T. 100296
Ninomiya, Y. Error management in digital terrestrial television broadcasting 97587
Ninomiya, Y. *see* Gohshi, S. 66043
Ninomiya, Y. *see* Itoh, Y. 66030
Nintunze, N., Osman, M.A. Dynamically screened electron-hole interaction effects on initial thermalization of photoexcited carriers in p^+-GaAs 63553
Nintunze, N., Osman, M.A. Ultrafast relaxation of highly photoexcited carriers in p-type and intrinsic GaAs 94256
Nio, S., Maruyama, Y. Remote-operated robotic system for live-line maintenance work 78154
Nion Sock Chang *see* Maekawa, Y. 75367
Nir, D. *see* Kelson, I. 67278
Niranjan, M. *see* Lizhong Wu 95253
Niranjan Suri *see* Bellarmine, G.T. 89967
Nirasawa, Y. *see* Kakeya, M. 58243
Nirchio, F. *see* Bartoloni, A. 67856
Nirchio, F. *see* Bartoloni, A. 67857
Nire, T., Matsuno, A., Miyakoshi, A., Ohmi, K. ZnS:Mn electroluminescent thin films prepared by multisource deposition under controlled sulfur vapor pressure 63584
Nire, T. *see* Ohmi, K. 63563
Nirgudkar, R.P., Moorhead, R.J., Smith, W.D. Modeling and simulation of the data communication network at the ASRM facility 85836
Nirmalathas, A. *see* Ruighaver, A.B. 50636
Nis, I.E. *see* Varavin, V.S. 54909
Nisati, A. *see* Moers, T. 67364
Nisbet, R., Sells, R., Ross, B. The evolution of network-based corporate networks 74969
Nisenholtz, M. The digital medium meets the advertising message 75768
Nishi, C. *see* Yamazaki, D. 86683
Nishi, H., Kitai, M. A new confirmation method using the statistical relationship between likelihood and accuracy [speech dialog systems] 51384
Nishi, H. *see* Kitai, M. 51383
Nishi, H. *see* Noguchi, M. 68222
Nishi, I. *see* Miyamoto, Y. 52562
Nishi, I. *see* Takahashi, H. 75460
Nishi, K. *see* Fujiwara, H. 96440
Nishi, K. *see* Kai, K. 49917
Nishi, K. *see* Kai, K. 93440
Nishi, K. *see* Mori, K. 62247
Nishi, K. *see* Sugou, S. 55643
Nishi, K. *see* Uchida, T. 71696
Nishi, M., Armstrong, J.R., Koizrmi, N., Takahashi, Y., Ono, M., Isono, T., Okuno, K., Kato, T., Sasaki, T., Hiue, H., Iwamoto, S., Miyake, A., Ebisu, H., Hosono, F., Tsuji, H. Effect of strand diameter on the stability of the cable-in-conduit conductor 72260
Nishi, M., Yoshida, K., Ando, T., Takahashi, Y., Isono, T., Nunoya, Y., Sugimoto, M., Hosono, F., Wadayama, Y., Ogata, H., Yasukawa, Y., Sasaki, T., Tsuji, H. Nb_3Sn superconducting strand development in Japan for ITER 93992
Nishi, M. *see* Ando, T. 93999
Nishi, M. *see* Ide, K. 78556
Nishi, M. *see* Isono, T. 82466
Nishi, M. *see* Miyata, K. 87768
Nishi, M. *see* Nakajima, H. 72261
Nishi, S. *see* Iwatsuki, K. 94578
Nishi, S. *see* Kawai, S. 65765
Nishi, S. *see* Suzuki, K. 50831
Nishi, S. *see* Suzuki, K. 52552
Nishi, S. *see* Suzuki, K. 86410
Nishi, T., Shoya, K., Aota, K., Honda, S., Kimoto, M., Yasuda, M., Hirano, Y., Ukawa, K., Ozawa, Y., Goto, T. Product outline of NEC Office Server OP-X series 85668
Nishi, T. *see* Hirai, T. 93064
Nishi, Y. ULSI technology toward the next century: driven by DRAMs or MPUs? 62955
Nishi, Y. *see* Kim, K.-w. 98046
Nishi, Y. *see* Kubota, Y. 52730
Nishibe, Y., Kuwabara, K., Suda, T., Ishida, T. Distributed channel allocation in ATM networks 74638
Nishibu, T. *see* Mahmoud, I.I. 62940
Nishida, A. *see* Inoue, M. 62297
Nishida, A. *see* Mameno, K. 49875
Nishida, A. *see* Murakami, E. 56028
Nishida, A. *see* Nakagawa, K. 91477
Nishida, A. *see* Yoh, K. 62296
Nishida, H. *see* Shingubara, S. 81562
Nishida, K., Momura, M., Matsuura, S., Miyake, M., Takao, H., Ikeuchi, Y., Kawamoto, H., Yamanaka, A. Development of second generation digital camera system 66069
Nishida, K. *see* Hamada, K. 93981
Nishida, K. *see* Kimura, M. 53076
Nishida, K. *see* Ohhori, A. 69171
Nishida, K. *see* Toda, K. 93561
Nishida, K. *see* Yamaguchi, Y. 84378
Nishida, M., Hayashi, K., Yoshimura, N., Ohtsuka, K. Application of fuzzy reasoning to estimation of class mixture proportion of mixed pixel on remote sensing images 77260
Nishida, M. *see* Kaneiwa, M. 100571
Nishida, M. *see* Nakaya, H. 100573
Nishida, M. *see* Ohtsuka, K. 60651
Nishida, N. *see* Hara, K. 98151
Nishida, S., Haikawa, Y., Nakata, I., Yamamoto, H., Minoda, H., Tanaka, T. New developments for the Mini Disc system 86811
Nishida, S. *see* Akiyoshi, M. 78222
Nishida, S. *see* Kurata, M. 66091
Nishida, T., Kobuchi, Y. Invariant sets for substitution 79592
Nishida, T. *see* Filangeri, E.M. 71290
Nishida, T. *see* Filangeri, E.M. 71336
Nishida, T. *see* Fukami, A. 71833
Nishida, T. *see* Furushima, Y. 93735
Nishida, T. *see* Hashimoto, T. 71666
Nishida, T. *see* Hisamoto, D. 55988
Nishida, T. *see* Hisamoto, D. 62844

Nishida, T. *see* Idei, Y. 70451
Nishida, T. *see* Ishibashi, K. 70536
Nishida, T. *see* Ishii, T. 93590
Nishida, T. *see* Kume, H. 61738
Nishida, T. *see* Matsuura, T. 92423
Nishida, T. *see* Nagano, T. 63036
Nishida, T. *see* Nagumo, T. 91991
Nishida, T. *see* Ozaki, T. 75729
Nishida, T. *see* Shukuri, S. 61713
Nishida, T. *see* Shukuri, S. 61739
Nishida, T. *see* Shukuri, S. 70502
Nishida, T. *see* Taniguchi, K. 65363
Nishida, T. *see* Yamanaka, T. 70510
Nishida, Y., Miyashita, O., Haneyoshi, T., Tomita, H., Maeda, A. A predictive instantaneous-current PWM controlled rectifier with AC-side harmonic current reduction 100320
Nishida, Y., Nonaka, K., Iwasawa, A. Mirror hologram recording with a phase-change medium 94689
Nishida, Y. *see* Barletta, B. 76636
Nishida, Y. *see* Miyashita, O. 61533
Nishida, Y. *see* Muraoka, H. 50368
Nishida, Y. *see* Nakajima, K. 76627
Nishida, Y. *see* Ogata, A. 87880
Nishida, Y. *see* Osawa, H. 63214
Nishida, Y. *see* Otsuka, K. 98436
Nishida, Y. *see* Xu, X. 55518
Nishifuji, S. *see* Tanaka, S. 100878
Nishigaki, M., Tanaka, N., Asai, H. Mixed mode circuit simulation using dynamic network separation and selective trace 49231
Nishigaki, M. *see* Ishida, M. 71772
Nishiguchi, H. *see* Matsumoto, K. 82847
Nishiguchi, H. *see* Mihashi, Y. 63606
Nishiguchi, I., Sasaki, M. A large deformation theory of solids subject to electromagnetic loads 82242
Nishiguchi, M., Matsumoto, J., Wakatsuki, R., Ono, S. Vector quantized MBE with simplified V/UV division at 3.0 kbit/s 73868
Nishiguchi, N. *see* Toyoda, T. 61466
Nishihara, A. *see* Ishiwata, S. 80433
Nishihara, A. *see* Jaturavanich, T. 84496
Nishihara, A. *see* Samadi, S. 49558
Nishihara, A. *see* Samadi, S. 80490
Nishihara, H. *see* Harada, M. 55902
Nishihara, H. *see* Haruna, M. 50521
Nishihara, H. *see* Haruna, M. 61262
Nishihara, H. *see* Haruna, M. 63459
Nishihara, H. *see* Oh, M. 94181
Nishihara, H. *see* Ura, S. 72422
Nishihara, K. *see* Matsumura, M. 52781
Nishihara, M., Yamaguchi, M., Kanemasa, A., Senba, T., Ono, T., Akashi, F. STM-ATM migration plan with bridge functions 96141
Nishihara, M. *see* Masuda, Y. 61465
Nishihara, S., Hanakawa, K., Kimura, M., Moriguchi, Y., Tanaka, T. A linear electron accelerator 53102
Nishihara, T., Ikeda, N., Aozasa, H., Miyazawa, Y. A buried capacitor cell with bonded SOI for 256-Mbit and 1-Gbit DRAMs 61692
Nishihara, T., Ikeda, N., Aozasa, H., Miyazawa, Y., Ochiai, A. A buried capacitor DRAM cell with bonded SOI for 256 M and 1 Gbit DRAMs 61734
Nishihara, T., Moriya, H., Ikeda, N., Aozasa, H., Miyazawa, Y. Data retention in ultra-thin-film-SOI DRAM with buried capacitor cell 70513
Nishihara, T. *see* Satoh, Y. 63125
Nishihara, Y. *see* Iga, F. 63168
Nishihata, K., Kuwata, T. Longspan SDH optical transmission system 86422
Nishihata, K., Kuwata, T., Seki, H. Introduction of new SDH optical transmission system — 160 km repeater spacing in SDH network 97262
Nishijima, K. *see* Takahashi, A. 82138
Nishijima, M. *see* Maeda, M. 97066
Nishijima, T., Hirasawa, S. On asymptotic capabilities of concatenated codes and iterated codes 64303
Nishijima, T. *see* Kaneko, T. 73695
Nishijima, T. *see* Kohnosu, T. 83945
Nishijima, T. *see* Kuromori, K. 75939
Nishikado, N., Yaginuma, Y., Sakauchi, M. Efficient understanding of color image sequence by temporal multiplexation 95943
Nishikado, Y. *see* Kikuchi, N. 75148
Nishikata, A., Kiener, S. Modeling and analysis of the electromagnetic shielding behavior of superconductors, conductors and magnetic materials 83700
Nishikata, A. *see* Kiener, S. 94864
Nishikata, Y., Fukui, S., Kakimoto, M., Imai, Y., Nishiyama, K., Fujihira, M. Photodiodes constructed by LB films of polyimides possessing triphenylamine units 56545
Nishikawa, A. *see* Mambo, M. 95138
Nishikawa, H. *see* Koyama, T. 82533
Nishikawa, H. *see* Shimokawa, R. 100578
Nishikawa, K., Miyazaki, K., Kiya, H. A parallel AR spectral estimation using a new class of filter bank 84435
Nishikawa, K. *see* Mori, H. 67631
Nishikawa, K. *see* Ono, K. 81530
Nishikawa, K. *see* Takeuchi, T. 87446
Nishikawa, K. *see* Yuge, N. 91414
Nishikawa, M., Sano, K., Miyamoto, T., Yokoyama, Y., Bessho, N., Seo, D.-S., Iimura, Y., Kobayashi, S. Pretilt angles of liquid crystal on organic-solvent-soluble polyimide alignment films 87362
Nishikawa, M., Suganuma, T., Tsuda, T., Bessho, N., Iimura, Y., Kobayashi, S. Properties of voltage holding ratios of liquid crystal cells using organic-solvent-soluble polyimide alignment films 72484
Nishikawa, M., Yokoyama, Y., Bessho, N., Dae-Shik Seo, Iimura, Y., Kobayashi, S. Synthesis of a novel organic-solvent-soluble polyimide and its application to alignment film for liquid crystal displays 63498
Nishikawa, R. *see* Iida, A. 82521
Nishikawa, S. *see* Matsuhashi, H. 55441
Nishikawa, S. *see* Matsuhashi, H. 81086
Nishikawa, T., Kakimura, T., Lee, Y., Yamanishi, M., Ogura, I., Ishihara, T. Enhanced transfer efficiency in AlGaAs asymmetric planar microcavities 83213
Nishikawa, T. *see* Ida, M. 86240
Nishikawa, T. *see* Ishikawa, Y. 63042
Nishikawa, T. *see* Matsumoto, H. 86195
Nishikawa, T. *see* Tanaka, H. 80632
Nishikawa, T. *see* Wakino, K. 70832
Nishikawa, T. *see* Yamaguchi, Y. 67794
Nishikawa, Y., Ishikawa, M., Saito, S., Hatakoshi, G. Enhancement of nitrogen incorporation in ZnSe grown on misoriented GaAs substrates by molecular beam epitaxy 48941
Nishikawa, Y., Tezuka, T., Kita, H., Nakano, S. Optimal electric power-plant planning under uncertainty of demand by means of the scenario aggregation algorithm 68342
Nishikawa, Y. *see* Nakamura, Y. 55316
Nishikawa, Y. *see* Rennie, J. 63601
Nishikawa, Y. *see* Saito, S. 54915
Nishiki, S. *see* Nojima, T. 99000
Nishikido, J., Akahori, Y., Fujita, S., Hino, S., Arai, Y. Optical interconnection modules for package-to-package interconnection: 2.8-Gbit/s 3-channel optical interconnection module 50713
Nishikido, J., Hino, S., Urushidani, S., Yamasaki, K. Demonstration of optically interconnected asynchronous transfer mode switching fabric 96940
Nishikido, J. *see* Arai, Y. 96945
Nishikido, J. *see* Tsukada, M. 65544
Nishikuni, M., Takahama, T., Okamoto, S., Ninomiya, K., Nishiwaki, H., Tsuda, S., Takeoka, A., Ohnishi, M., Nakano, S., Kuwano, Y. Characteristics of a-Si solar cells prepared by the super chamber at a high substrate temperature 78812
Nishimae, J. *see* Yasui, K. 50781
Nishimaki, K., Satta, N., Maeda, M. Sorption and migration of radioiodine in saturated sandy soil 88148
Nishimatsu, T., Koshimizu, H., Toba, E. Detection of defects on inner peripheral surface of bearing using cone mirror 97799
Nishimi, T. *see* Higasa, H. 54194
Nishimichi, Y. *see* Ozaki, S. 70623
Nishimoto, A. *see* Yamanaka, T. 98331
Nishimoto, C. *see* Bandy, S. 62086
Nishimoto, K. *see* Kato, J. 82104
Nishimoto, M., Hamai, M., Laskar, J., Lai, R. On-wafer calibration techniques and applications at V-band 92624
Nishimoto, M. *see* Ikuno, H. 94788
Nishimoto, M. *see* Laskar, J. 80694
Nishimoto, S. *see* Matsui, Y. 61702
Nishimoto, S. *see* Saeki, T. 49438
Nishimoto, T., Miyahara, T., Yamada, N., Hata, S., Komiyama, H., Tanaka, T., Suzuki, S., Yamanouchi, H., Iwasaki, T., Tateno, F. XLPE power/optical fiber composite submarine cable 99705
Nishimoto, T., Shoji, S., Esashi, M. Buried piezoresistive sensors by means of MeV ion implantation 66280
Nishimoto, Y. *see* Fujino, K. 54959
Nishimoto, Y. *see* Saitoh, T. 94251
Nishimoto, Y. *see* Yamada, A. 79032
Nishimukai, T. Hitachi-PA/50, SH series microcontroller 92253
Nishimura, A., Tamura, H., Mito, T., Yamamoto, J. Effect of GFRP spacer on local deformation of large superconductor in coil pack 82433
Nishimura, A. *see* Aoki, K. 93706
Nishimura, A. *see* Fukuda, Y. 93715
Nishimura, A. *see* Kitamura, K. 82432
Nishimura, A. *see* Mito, T. 89302
Nishimura, A. *see* Takahata, K. 82416
Nishimura, A. *see* Yamada, S. 72257
Nishimura, E. *see* Ishida, H. 96890
Nishimura, E. *see* Nonomura, S. 100604
Nishimura, H. Dynamic accelerator modeling 66872
Nishimura, H., Ogawa, S., Yamada, T. A highly reliable via filling technology using high-temperature Al-Sc alloy sputter deposition 93260
Nishimura, H. *see* Arakawauchi, N. 100923
Nishimura, H. *see* Ikeda, T. 92947
Nishimura, H. *see* Maeda, S. 70484
Nishimura, H. *see* Maeda, S. 70484
Nishimura, H. *see* Maeda, S. 71691
Nishimura, H. *see* Maegawa, S. 92819
Nishimura, H. *see* Nonami, K. 94755
Nishimura, H. *see* Ono, T. 91619
Nishimura, H. *see* Sato, K. 100533
Nishimura, H. *see* Uehara, K. 83859
Nishimura, H. *see* Yamashita, S. 60586
Nishimura, K., Inoue, T. Carrier-synchronization in a 2nd-order delta-sigma modulated inverter 60327
Nishimura, K., Mori, T., Ishibashi, Y. Video-on-demand with multiple readouts 66028
Nishimura, K., Nagao, Y. II-VI compound semiconductors for blue lasers 94486
Nishimura, K., Nagao, Y., Sakai, K. Low pressure growth and nitrogen doping in metalorganic vapor phase epitaxy of ZnSe 69989
Nishimura, K. *see* Osaka, T. 78794
Nishimura, K. *see* Suto, H. 50108
Nishimura, K. *see* Takahashi, J. 70540
Nishimura, M., Van der Spiegel, J. A compact line and edge orientation detection sensor 52846
Nishimura, M. *see* Kuroda, A. 95273
Nishimura, N. *see* Okada, K. 78914
Nishimura, R. *see* Furukawa, S. 93855
Nishimura, R. *see* Furukawa, S. 97899
Nishimura, R. *see* Matsushima, F. 61818
Nishimura, S. An improved adaptive notch filter for detection of multiple sinusoids 74213
Nishimura, S. Adaptive detection and enhancement of closely spaced sinusoids using multirate techniques 84288
Nishimura, S., Nakano, Y., Matsuda, H. Asynchronous transfer mode network for broadband ISDN 75070
Nishimura, S. *see* Maeda, N. 67351
Nishimura, T. *see* Arimoto, A. 64044
Nishimura, T. *see* Asakura, M. 92222
Nishimura, T. *see* Asakura, M. 92235
Nishimura, T. *see* Auberton-Herve, A.-J. 71230
Nishimura, T. *see* Eimori, T. 92192
Nishimura, T. *see* Eimori, T. 93610
Nishimura, T. *see* Hayashi, T. 58366
Nishimura, T. *see* Inoue, Y. 92232
Nishimura, T. *see* Iwamatsu, T. 93618
Nishimura, T. *see* Kasuga, C. 93791
Nishimura, T. *see* Kawahito, S. 80511
Nishimura, T. *see* Maeda, S. 71691
Nishimura, T. *see* Maegawa, S. 92819
Nishimura, T. *see* Morihara, T. 82009
Nishimura, T. *see* Ohno, Y. 49437
Nishimura, T. *see* Ohno, Y. 70487
Nishimura, T. *see* Sakamoto, O. 70509
Nishimura, T. *see* Suma, K. 92221
Nishimura, T. *see* Suma, K. 92238
Nishimura, T. *see* Yamaguchi, Y. 71658
Nishimura, T.H., Hirachi, K., Maejima, Y., Kuwana, K., Saito, M. Characteristics of a novel energy transmission for a rechargeable cardiac pacemaker by using a resonant DC-DC converter 88558
Nishimura, Y. *see* Igarashi, Y. 100978
Nishimura, Y. *see* Inoue, Y. 92232
Nishinaga, E., Evans, J.A., Mayhew, G.L. Wireless advanced automatic train control 52364
Nishinaga, T. *see* Suzuki, T. 54865
Nishinaga, T. *see* Suzuki, T. 91461
Nishinaga, T. *see* Suzuki, T. 91462
Nishino, A. *see* Wakita, H. 90670
Nishino, A. *see* Yoshii, K. 100930
Nishino, I. *see* Ogata, S. 89269
Nishino, M. *see* Hasuo, M. 73032
Nishino, M. *see* Yamaguchi, Y. 65893
Nishino, T., Takeda, E., Takagi, K. Device-structure dependence of shift in SQUID characteristics by flux trapping 50419
Nishino, T. *see* Kita, T. 93036
Nishino, T. *see* Nagaishi, H. 82393
Nishino, T. *see* Shimizu, K. 85957
Nishino, T. *see* Takeda, E. 50429
Nishino, Y. Development trends in ISDN terminals and systems 52259
Nishinoma, M. *see* Mukaiyama, Y. 99706
Nishio, H. *see* Ganguly, G. 70078
Nishio, K. *see* Kanno, I. 88088
Nishio, K. *see* Koseki, K. 70172
Nishio, M., Yoshida, M., Nakai, S. VideoExpress: a meta-service system for video on demand 86777
Nishio, M. *see* Koshiishi, H. 97507
Nishio, M. *see* Nakajima, H. 58528
Nishio, M. *see* Ogawa, H. 70052
Nishio, M. *see* Shimizu, N. 63018
Nishio, N. *see* Ikeuchi, H. 71692
Nishio, N. *see* Matsubara, Y. 71801
Nishio, R. *see* Kano, A. 86358
Nishio, S. *see* Tanaka, K. 81434
Nishio, T., Yagi, H., Furuya, T., Kasai, Y. Effect of additives on thermal stability of Nd-Fe-B bonded magnets 71939
Nishio, T. *see* Higuchi, H. 100494
Nishio, T. *see* Nakayama, N. 93005
Nishio, T. *see* Teshima, K. 86357
Nishio, Y. *see* Takatsuka, Y. 89675
Nishioka, H. Efficient computation of power of polynomial using coefficient matrix 79704
Nishioka, M. *see* Arakawa, T. 50809
Nishioka, M. *see* Kawamae, O. 80382
Nishioka, M. *see* Mizuno, A. 64084
Nishioka, M. *see* Oshinowo, J. 79818
Nishioka, T. *see* Nakamura, Y. 93567
Nishioka, T. *see* Prabhakaran, K. 55770
Nishioka, Y. *see* Bhattacharya, P. 93713
Nishioka, Y. *see* Sawachi, M. 56094

Nishira, M. *see* Ishibashi, Y. 58543
Nishita, T. *see* Dobashi, Y. 90626
Nishitani, H. *see* Niki, N. 88509
Nishitani, M., Ikeda, M., Negami, T., Kohoki, S., Kohara, N., Terauchi, M., Wada, H., Wada, T. Fabrication of substrate-type $CuInSe_2$ thin film solar cells 100455
Nishitani, M., Ikeda, M., Wada, T. CdS/CdTe thin film solar cell fabricated by hot wall vacuum evaporation 100463
Nishitani, M. *see* Kohiki, S. 55572
Nishitani, M. *see* Negami, T. 91561
Nishitani, M. *see* Negami, T. 100457
Nishitani, M. *see* Terauchi, M. 91565
Nishitani, M. *see* Wada, T. 62193
Nishitani, M. *see* Wada, T. 79958
Nishitani, R. *see* Sun, Y. 71089
Nishitani, R. *see* Yong Sun 49897
Nishitani, T. *see* Kudo, A. 68909
Nishitani, Y., Shimizu, K. Lower bounds on size of periodic functions in Exclusive-OR sum-of-products expressions 49358
Nishitoba, M. Applied techniques for harmonics suppressor 68089
Nishitsuji, A. *see* Hatanaka, M. 67822
Nishitsuji, M., Tamura, A., Yahata, K., Shibuya, M., Kitagawa, M., Hirao, T. New GaAs-MMIC process technology using low-temperature deposited $SrTiO_3$ thin film capacitors 61951
Nishitsuji, M. *see* Hirao, T. 82107
Nishiura, A. *see* Otsuki, M. 55967
Nishiura, Y. *see* Kim, K.-w. 98046
Nishiwaki, A. *see* Takada, N. 50984
Nishiwaki, H. *see* Nishikuni, M. 78812
Nishiwaki, T. *see* Nonomura, S. 100604
Nishiya, K. *see* Gibson, G. 68431
Nishiya, K. *see* Gibson, G. 78363
Nishiya, K. *see* Kita, H. 68136
Nishiyama, A. *see* Ushiku, Y. 71438
Nishiyama, F. *see* Maeda, N. 67351
Nishiyama, F. *see* Yao, T. 71278
Nishiyama, H., Nakamura, M. Form and capacitance of parallel-plate capacitors 80906
Nishiyama, H., Yanagawa, T. Determining the no-observed-adverse-effect level in categorical data 54666
Nishiyama, H. *see* Okubo, M. 100778
Nishiyama, I. *see* Teraoka, Y. 62435
Nishiyama, K., Satou, O. A consideration on extended complex Kalman filter for estimating a sinusoidal signal and its parameters in white noise 84494
Nishiyama, K. *see* Aoki, M. 98105
Nishiyama, K. *see* Nishikata, Y. 56545
Nishiyama, K. *see* Okada, T. 66290
Nishiyama, N., Sasaki, G., Yano, H., Murata, M., Kamiyama, H., Hayashi, H. Four-channel receiver optoelectronic integrated circuit arrays for ultra-high speed optical interconnects 94316
Nishiyama, N. *see* Yano, H. 72657
Nishiyama, T., Fuwa, Y., Eguchi, M., Nakamura, Y. A digital circuits timing verification scheme based on a clock model 70445
Nishiyama, T. *see* Ozaki, S. 70623
Nishiyama, T. *see* Sakabe, Y. 63079
Nishizaki, H. *see* Murasawa, K. 86571
Nishizawa, A. *see* Kousaka, T. 91059
Nishizawa, H. Speedup of freight train on nonelectrified line—development of the DF200 diesel-electric locomotive 78913
Nishizawa, H., Mase, S. The effect of pressure pulsation upon the output current of a zirconia oxygen sensor 66591
Nishizawa, H. *see* Nakajima, S. 81990
Nishizawa, J. *see* Tatsuta, M. 62770
Nishizawa, M. *see* Takahashi, A. 76090
Nishizawa, N., Kume, S., Mori, M., Goto, T., Miyauchi, A. Symmetric and asymmetric fiber loop mirrors for observing guided-acoustic-wave Brillouin scattering in polarization-maintaining fibers 94058
Nishizawa, N. *see* Watanabe, A. 90377
Nishizeki, T. *see* Nakano, S.-I. 48805
Nishizeki, T. *see* Takahashi, J.-Y. 48788
Nishizuka, N. *see* Shimoyama, R. 57410
Nisimura, K. *see* Shibata, S. 98487
Nisimura, Y. *see* Sato, H. 70563
Nisitsuji, A. *see* Sakaguchi, T. 62039
Niskikuni, M. *see* Okamoto, S. 55749
Nissen, C.A. Characterization of the disturbed wide-bandwidth HF channel based on experimental measurements 86045
Nissen, M. *see* Rupp, M. 78908
Nissen, M.K. *see* Johnson, S.R. 54879
Nissen, M.K. *see* Mak, A. 71273
Nissen, R.P. *see* Tichenor, D.A. 81591
Nissila, S., Lyori, V., Kopola, H. PC-compatible OTDR-card based strain sensors 52940
Nissim, Y.I. *see* Dulac, O. 49000
Nissim, Y.I. *see* Dulac, O. 93179
Nissler, D. *see* Kaiser, N. 52513
Nissopoulos, I.K., Dimakis, C.E., Kouris, S.S., Le Roux, Y.M. Preliminary results on performance evaluation of concatenated coding schemes over Rayleigh fading ionospheric channels 97029
Nistler, J. *see* Spence, C. 71754
Nistler, W. *see* Kruger, E. 86971
Nitayama, A. *see* Nesbit, L. 92191
Nitayama, A. *see* Terauchi, M. 70501
Nitch, D.C., Fourie, A.P.C. Parallel implementation of the numerical electromagnetics code 50995
Nitch, D.C. *see* Fourie, A.P.C. 64051
Nitescu, M. *see* Constantinescu, F. 61487
Nithack, J. *see* Chao Wang 77310
Nithack, J. *see* Schmullius, C. 77665
Nitica, C. *see* Vijdea, A.-M. 77693
Nitidem-Ndengue, E. *see* Tonshoff, H.K. 66155
Nitishin, P.M. *see* Goodhue, W.D. 62047
Nitsch, D. *see* Schenck, K. 53905
Nitsch, K., Dziedzic, A., Czarczynska, H., Liczner-ski, B.W. Impedance spectroscopy of carbon black-filled polyesterimide thick films 70175
Nitsche, G. Solving eigenvalue and steady-state problems using time-domain models 54773
Nitsche, R.G., Preissner, J., Biebl, E.M. A free space technique for measuring the complex permittivity and permeability in the millimeter wave range 87489
Nitschke, S. *see* Lienhard, D. 66323
Nitschke, W. *see* Bergfried, D. 78983
Nitta, A. *see* Kuriyama, T. 50266
Nitta, K. *see* Baji, T. 70655
Nitta, K. *see* Rennie, J. 63601
Nitta, M. *see* Sano, A. 50262
Nitta, N. *see* Sakaguchi, T. 62039
Nitta, S. *see* Kazama, H. 75291
Nitta, S. *see* Kazama, H. 86152
Nitta, S. *see* Nonomura, S. 100604
Nitta, S. *see* Suganuma, H. 92658
Nitta, S. *see* Takeuchi, S. 100597
Nitta, T., Hasegawa, T., Shirai, Y., Okada, T. AC characteristics of a magnetically controlled superconducting switch and a half-wave rectifier circuit 82428
Nitta, T. *see* Kamio, H. 95267
Nitta, T. *see* Matsuura, H. 84139
Nitta, T. *see* Sekine, S. 68317
Nitta, T. *see* Shirai, Y. 78842
Nitta, T. *see* Yamada, H. 93257
Nitta, Y. World energy in the 21st century 68095
Nitta, Y., Ohta, J., Tai, S., Kyuma, K. Optical neurochip for image processing 72522
Nitta, Y. *see* Hara, K. 72658
Nitta, Y. *see* Ohta, J. 82762
Nitta, Y. *see* Shimomura, K. 55290
Nittono, T., Nagata, K., Yamauchi, Y., Makimura, T., Ito, H., Nakajima, O. Fabrication of small AlGaAs/GaAs HBT's for integrated circuits using new bridged base electrode technology 93586
Nittono, T. *see* Ito, H. 55710
Nittono, T. *see* Ito, H. 81808
Nittono, T. *see* Watanabe, N. 48997
Nitzberg, R. Composite CFAR techniques [radar] 97392
Niu, H. *see* Matsuda, T. 93074
Niu, K. Application of pulse power technology to inertial confinement fusion: focusing and propagation of proton beam 60278
Niu, T.M. *see* Clementi, J. 91015
Niu, W.P. *see* Bai, J.Z. 53324
Niu, Z., Kawai, T., Akimaru, H., Tadokoro, Y. A unified solution to mixed loss and delay systems with partial pre-emptive priority 65024
Niu Dow-Chih *see* Dow-Chih Niu
Niu Feng *see* Feng Niu
Niu Guofu, Ruan Gang An analytical device model including velocity overshoot for sub-quartermicrometer MOSFET's 81897
Niu Ling *see* Yang Jun 73777
Niu Qian *see* Qian Niu
Niu Wencheng Effect of ingredient proportion of PVC sensitive membrane on response character of K^+-ISFET 66168
Niu Xia Mu, Sun Sheng He The infrared transmitting torquemeter with stress-strain torque transducer 98001
Niu Xiaojuan *see* Xiaojuan Niu
Niu Zhendong, Xu Songjie, Liu Mingye Design and implementation of a language analyzer for VHDL 92136
Nivart, J.-F. *see* Pirard, E. 64638
Nivat, M. *see* Saoudi, A. 84616
Niwa, E. *see* Mochizuki, K. 61224
Niwa, E. *see* Noda, Y. 61225
Niwa, H. *see* Yoshida, Y. 96928
Niwa, K., Hashimoto, K. Interfaces in ceramic substrates 81084
Niwa, K. *see* Aoki, S. 53304
Niwa, K. *see* Ohsugi, T. 59069
Niwa, K. *see* Yamamoto, K. 59131
Niwa, M. *see* Hirai, Y. 93251
Niwa, T., Nakayama, S., Kobayashi, K., Nakatsuka, T., Takahashi, T. Characterization of polyethylene for power cable insulation 63087
Niwa, T. *see* Tanida, M. 92654
Niwa, T. *see* Toyoshima, H. 48944
Niwano, M., Kageyama, J.-I., Kurita, K., Kinashi, K., Takahashi, I., Miyamoto, N. Infrared spectroscopy study of initial stages of oxidation of hydrogen-terminated Si surfaces stored in air 81478
Niwano, M., Kimura, Y., Miyamoto, N. In situ infrared study of chemical state of Si surface in etching solution 81525
Niwano, M., Kinashi, K., Saito, K., Miyamato, N., Honma, K. Ultraviolet-induced deposition of SiO_2 film from tetraethoxysilane spin-coated on Si 61335
Niwano, M., Simons, J.K., Frigo, S.P., Rosenberg, R.A. Synchrotron-radiation-induced reactions of tetraethoxysilane on Si studied by photoemission spectroscopy 62465
Niwaya, H. *see* Okude, Y. 59915
Nix, A.R. *see* Beach, M.A. 96546
Nix, E. *see* Biro, O. 90652
Nix, E.H. *see* Muller, H.G. 69259
Nixon, M.S. Circle extraction via least squares and the Kalman filter 85181
Nixon, M.S. *see* Evans, A.N. 85163
Nixon, M.S. *see* Xiaoguang Jia 64696
Nixon, R.H. *see* Pain, B. 66418
Nixon, R.H. *see* Thakoor, S. 71896
Niyama, T. *see* Suzuki, T. 58262
Niyazaki, S., Okumura, T., Miura, Y., Aizawa, K., Hirose, K. Imaging of Schottky-barrier inhomogeneity at EPI-Al(111) Si interface introduced by annealing 81365
Nizamani, A.S. Stray immune measurement of capacitance using the variations in the width of an existing capacitor dependent pulse 98258
Nizami, J.S. *see* Al-Garni, A.Z. 89169
Nizhenskii, A.D. *see* Kononenko, A.G. 87547
Nizienko, Yu., Mamin, A., Nielsen, P., Brown, B. 300 ps ruby laser using stimulated Brillouin scattering pulse compression 83024
Niznansky, D., Rehspringer, J.L., Drillon, M. Preparation of magnetic nanoparticles (γ-Fe_2O_3) in the silica matrix 71950
Nizzoni, G. *see* Park, J. 69633
Njaer, N. *see* von Apeldoorn, G. 88116
Njaka, C.E. *see* Hindson, W.S. 67687
Njinda, C.A. *see* Kuen-Jong Lee 49285
Njinda, C.A. *see* Parulkar, I. 91704
Njoku, E.G. *see* Entekhabi, D. 77316
Nkundabakura, P. *see* Bashahu, M. 60138
No, K.-S. *see* Cho, C.-H. 80587
No, K.H., Herrick, R.W., Leung, C., Reinhart, R., Levy, J.L. One dimensional scaling of 100 ridge waveguide amplifiers 83159
Noack, F. *see* Petrov, V. 73066
Noack, F. *see* Petrov, V. 94653
Noack, F. *see* Ringling, J. 73109
Noack, F. *see* Ringling, J. 94364
Noack, F. *see* Seifert, F. 63956
Noack, F. *see* Seifert, F. 94599
Noack, J., Sutton, D. An algorithm for the fast registration of image sequences obtained with a scanning laser ophthalmoscope 59281
Noad, J. *see* MacDonald, R.I. 65541
Noad, W.J. *see* Langley, A.J. 63739
Noaker, P.M. When a good process goes bad [industry] 60892
Noakes, B. Windows in IR thermometry 98010
Noaks, D.R., Wood, K. System modelling for safety and fault analysis 60595
Noam, E.M. Beyond liberalization: from the network of networks to the system of systems 58025
Noam, E.M. Beyond liberalization II: The impending doom of common carriage 85392
Noane, G.Le *see* Le Noane, G.
Nobach, U., Stoppel, K., Arnold, J. Construction of the IAW information network for the load distribution control system 99546
Nobe, Y., Takashima, H., Katsumata, T. Decoloration of yttrium orthovanadate laser host crystals by annealing 82981
Nobes, D.C. *see* Narayan, S. 67754
Nobes, D.C. *see* Theimer, B.D. 77236
Nobesawa, H. *see* Omachi, T. 58244
Nobiki, A., Naruse, H., Tateda, M., Ide, A. High accuracy pose estimation using 3-D points sets from two viewpoints 64706
Nobiki, A. *see* Tateda, H. 74482
Nobili, A. *see* Luberti, S. 68113
Nobilio, Z. *see* Busca, R. 89674
Noble, I.E. EMC resources—are you managing? 51122
Noble, I.E. The draft automotive EMC directive 51135
Noble, I.E. The automotive electromagnetic compatibility directive 69184
Noble, I.E. Electromagnetic compatibility in the automotive environment 73368
Noble, K. *see* Barberis, E. 88104
Noble, K. *see* Barberis, E. 98609
Noble, N. *see* Grimson, W.E.L. 91124
Noble, R. *see* Louineau, J.P. 100020
Noble, S.P. *see* Mulholland, J.E. 66664
Noble, W. *see* Mii, T. 62813
Noboru Yamazoe *see* Yongtie Yan 98145
Nobuhara, H., Inoue, T., Watanabe, T., Tanaka, K., Odagawa, T., Abe, T., Wakao, K. 1.3 μm wavelength, low-threshold strained quantum well laser on p-type substrate 72906
Nobuhara, H. *see* Yamamoto, T. 94502
Nobuhira, B.K. Demands for safe switching power supplies accelerate capacitor development 70947
Nobukuni, K., Bamba, F. NTT's four-year ISDN experience and the future of Japan's market 85894
Nobunaga, K., Brown, J.M. Telecommunications—from dependency to autonomy 52041
Nobusada, T. *see* Toyoda, Y. 97661
Noc, E.Le *see* Le Noc, E.
Nocentini, M. *see* Sottini, S. 56903

Noceto, M. *see* Fukue, I. 60105
Nocetti, D.F.Garcia *see* Garcia Nocetti, D.F.
Noch, J. *see* Banerjee, A. 100523
Nochetto, R.H. *see* Xun Jiang 61181
Noctor, D.M., Bader, F.E., Viera, A.P., Boysan, P., Golwalkar, S., Foehringer, D. Attachment reliability evaluation and failure analysis of thin small outline packages (TSOPs) 92680
Noctor, D.M., Clech, J.-P. Accelerated testing and predictive modeling of the attachment reliability of Alloy 42 and copper leaded TSOPS 79361
Noctor, D.M. *see* Clech, J.-P.M. 91152
Noda, A. *see* Kumada, M. 68748
Noda, A. *see* Shirai, T. 76407
Noda, A. *see* Tomizawa, M. 66850
Noda, E. *see* Iseki, Y. 72679
Noda, E. *see* Ogawa, T. 82902
Noda, F. *see* Wakuta, Y. 53270
Noda, H., Murai, F., Kimura, S. Short channel characteristics of Si MOSFET with extremely shallow source and drain regions formed by inversion layers 93372
Noda, H., Murai, F., Kimura, S. Threshold voltage controlled 0.1-μm MOSFET utilizing inversion layer as extreme shallow source/drain 93395
Noda, H., Onda, Y., Kikuta, T. VSAT in local administration communication network 97180
Noda, H., Shirazi, M.N., Zhang, B. A parallel processing algorithm for speech recognition using Markov random fields 84154
Noda, H. *see* Tanaka, J. 93417
Noda, H. *see* Yamazaki, T. 57634
Noda, H. *see* Yamazaki, T. 74245
Noda, K., Uchida, T., Tatsumi, T., Aoyama, T., Nakajima, K., Miyamoto, H., Hashimoto, T., Sasaki, I. 0.1 μm delta-doped MOSFET using post low-energy implanting selective epitaxy 71700
Noda, K. *see* Itano, A. 87686
Noda, K. *see* Kimura, T. 76057
Noda, K. *see* Kitagawa, A. 53159
Noda, K. *see* Kumada, M. 68748
Noda, K. *see* Murakami, T. 76296
Noda, K. *see* Saeki, T. 49438
Noda, K. *see* Tsuchiya, M. 51660
Noda, K.-I. *see* Kimura, T. 76009
Noda, M., Kusakabe, H., Taniguchi, K., Maruno, S. Formation of diamond films by intermittent discharge plasma chemical vapor deposition 79948
Noda, M., Yamamoto, A., Iso, Y., Tanaka, H., Adachi, S. A front-end for a digital satellite TV broadcasting receiver 86684
Noda, M. *see* Kuroda, T. 70453
Noda, O. *see* Fujita, K. 86094
Noda, O. *see* Kuribayashi, S. 82952
Noda, O. *see* Otsuka, K. 65663
Noda, S., Shibata, K., Sasaki, A. Light-to-light transducer with detection of brightness difference 66337
Noda, S. *see* Kato, N. 94242
Noda, S. *see* Nabetani, Y. 69977
Noda, S. *see* Tabuchi, M. 70063
Noda, T., Mushiga, M. Finite element analysis technique of epoxy resin products 100190
Noda, T., Naraoka, N. Development of ARMA models for a transient calculation using linearized least-squares method 77857
Noda, T., Uchida, K., Matsunaga, T. Polarization discriminating characteristics of three layered conducting strips with two dielectric slabs 64177
Noda, T. *see* Koshiba, S. 79862
Noda, T. *see* Uchida, K. 83621
Noda, T. *see* Uchida, K. 91401
Noda, Y., Kurasawa, T., Furukawa, Y., Niwa, E. Chemical transport rate of $AgGaS_2$ in a closed system 61225
Noda, Y., Ohba, M., Kurosawa, T., Furukawa, Y., Masumoto, K., Oka, Y. Growth of $CdSiAs_2$ single crystals by chemical transportation 61222
Noda, Y. *see* Kimoto, K. 62214
Noda, Y. *see* Mikami, M. 61386
Noda, Y. *see* Shinohara, M. 79808
Noda, Y. *see* Takeuchi, N. 54920
Nodarse, F.F. *see* Lima, S. 87692
Nodine, C.F. *see* Hing Liu 64646
Nodjiram, S. *see* Ouassou, M. 79630
Nodwell, E. *see* Johnson, S.R. 54879
Nodwell, E. *see* von Sacken, U. 90361
Noe, P., Zabaneh, K. Relative GPS 65979
Noe, R., Rehage, M., Harizi, C., Ricken, R. Depolariser based on acousto-optical TE-TM converters for suppression of polarisation holeburning in long haul EDFA links 82757
Noe, R. *see* Rehage, M. 72498
Noel, A. *see* Knobloch, J. 100470
Noel, B. *see* Dumont, D. 89518
Noel, F.E. *see* Christensen, K.J. 65367
Noel, J.-P. *see* Voinigescu, S.P. 55664
Noel, J.-P. *see* Xu, D.-X. 62696
Noel, J.P. *see* Perovic, D.D. 81309
Noel, P., Schelling, E.R. A Franco-American cooperative design of VAMP avionics modules 59495
Noel, S. *see* Boyer, L. 61987
Noer, M., Nielsen, C., Rasmussen, I., Clausen, J.C. Clean coal—technological initiatives in Denmark 68439
Noer, R.J. *see* Jimenez, M. 55504
Noerpel, A. *see* Yi-Bing Lin 75343
Noerpel, A. *see* Yi-Bing Lin 86079
Noerpel, A.R. *see* Chang, L.F. 86171
Nofal, M. *see* Ikumi, N. 92283
Noffz, K.-H. *see* Klefenz, F. 98664
Noga, Yu.V. *see* Boguta, N.M. 58280
Nogaito, I. *see* Kuroiwa, S. 52280
Nogaki, S., Ohta, M., Yano, M. High-speed processing systems: realtime processing of HDTV signals using parallel processors 75739
Nogaki, S. *see* Katto, J. 74497
Nogami, H., Stuber, G.L. Performance bounds for MLSE equalization and decoding with repeat request for fading dispersive channels 51370
Nogami, J. *see* Lin, X.F. 70121
Nogami, K., El Gamal, A. A CMOS 160 Mb/s phase modulation I/O interface circuit 92340
Nogami, K. *see* Unekawa, Y. 49419
Nogami, K. *see* Unekawa, Y. 70548
Nogami, M. *see* Suzuki, T. 86009
Nogami, T., Yokoi, Y., Ichiba, H., Atsumi, Y. Gas discrimination method for detecting transformer faults by neural network 60277
Nogami, T. *see* Nemoto, T. 62519
Nogarede, B. *see* Barbier, C.E. 69175
Nogaret, A. *see* Geim, A.K. 93518
Nogawa, K. *see* Uda, H. 92562
Nogawa, M. *see* Ohtomo, Y. 50109
Nogawa, M. *see* Ohtomo, Y. 58266
Nogawa, N. *see* Shibata, S. 98487
Nogawa, S. *see* Miyake, K. 53235
Noge, H. *see* Kadoya, Y. 93041
Noge, H. *see* Koshiba, S. 79862
Noge, H. *see* Nakamura, Y. 56003
Noge, S., Yoshikawa, S., Yamawaki, R. Cantilever type vibration displacement pickup and its applications 100160
Nogi, S. *see* Sanada, A. 70863
Noginov, M.A. *see* Micheletti, R. 94428
Nogiwa, T. *see* Kobayashi, M. 89988
Noguchi, H. Ultra and high speed television camera 75719
Noguchi, H., Setiyadi, A., Tanamura, H., Nagatomo, T., Omoto, O. Characterization of vacuum-evaporated tin sulfide film for solar cell materials 92978
Noguchi, H. *see* Miyashita, T. 54145
Noguchi, H. *see* Sethi, S. 81699
Noguchi, H. *see* Taoka, H. 53641
Noguchi, H. *see* Taoka, H. 78242
Noguchi, H. *see* Uchida, S. 99725
Noguchi, K., Araki, S., Chou, T., Miyauchi, D., Honda, Y., Kamijima, A., Shinoura, O., Narumiya, Y. Linearity and hysteresis in the magnetoresistive response of (NiFe,NiFeCo)/Cu and Co/Cu/NiFe multilayers in patterned stripes 71933
Noguchi, K., Miyazawa, H., Mitomi, O. 75 GHz broadband Ti:$LiNbO_3$ optical modulator with ridge structure 63477
Noguchi, K., Okumura, K. The effect of plasma-induced oxide and interface degradation on hot carrier reliability 62778
Noguchi, K. *see* Aisawa, S. 80527
Noguchi, K. *see* Kataoka, T. 58374
Noguchi, K. *see* Kogiku, I. 85744
Noguchi, K. *see* Matsubara, Y. 71801
Noguchi, K. *see* Matsubara, Y. 81581
Noguchi, K. *see* Matsubara, Y. 93275
Noguchi, K. *see* Miyake, S. 68255
Noguchi, M., Nishi, H., Yoshida, M. Development of SHOWBRANCH HV (high-voltage prefabricated branch cable) 68222
Noguchi, M. *see* Okada, T. 87542
Noguchi, M. *see* Sakakibara, H. 93519
Noguchi, N., Suemune, I. Selective formation of luminescent porous silicon by photosynthesis 55760
Noguchi, S., Akai, K., Kako, E., Kubo, K., Shishido, T. Update of the TRISTAN superconducting RF system 66814
Noguchi, S., Kuwaham, T., Hanafusa, H., Nakano, S., Kuriyama, H., Kiyama, S. Preparation of poly-Si by excimer laser annealing with solidification process control 71629
Noguchi, S., Sakamoto, H., Harada, K. Analysis of switching converters with switched snubber 55112
Noguchi, S. *see* Jun-Ichi Kudoh 77725
Noguchi, S. *see* Kitahashi, M. 75047
Noguchi, S. *see* Kudoh, J. 74956
Noguchi, S. *see* Lee, S. 77080
Noguchi, S. *see* Saito, K. 67129
Noguchi, T. *see* Kato, F. 90315
Noguchi, T. *see* Miyahara, H. 87960
Noguchi, T. *see* Nakata, J. 91408
Noguchi, T. *see* Ohgaki, H. 87963
Noguchi, T. *see* Takano, T. 95010
Noguchi, T. *see* Yamazaki, T. 94544
Noguchi, Y. *see* Magari, K. 63796
Noguchi, Y. *see* Oe, K. 50858
Nogues, M. *see* Cherkaoui, R. 71928
Nogues, M. *see* Godinho, M. 63191
Noh, H. *see* Kim, K.Y. 71991
Noh, J.S. *see* Suh, K.S. 50151
Noh, J.Y. *see* Yoon, J.Y. 70485
Noh, S.K. *see* Lee, C.D. 69992
Noh, T.H. *see* Kim, H.T. 50224
Noh Chang-Ju *see* Chang-Ju Noh
Noh Sam Kyu *see* Sam Kyu Noh
Noh Sung Lee, Ki Sung Seo, Ihn Seok Ahn, Joon Youl Choi, Kwang Bang Woo Performance evaluations of the serial production lines utilizing the decomposition method 79269
Noh-Hoon Myung *see* Joon-Yeop Kim 94775
Noh-Jung Kwak, In-Hoon Choi, Sung-Wook Lim, Sang-Hee Suh A study on the growth and characterization of LPE grown $Cd_{0.94}Zn_{0.06}Te$ 70022
Nohara, H. *see* Fujita, H. 68098
Nohara, K., Sato, S., Okumura, K., Sasaki, H. Fine-blanking performance of non-magnetic high manganese cryogenic steel and its application to superconducting dipole magnet 93991
Nohara, M., Inagaki, K., Koyanagi, H., Ishibai, I. Aspheric lens laser diode collimator design for optical intersatellite communications 58354
Nohara, T. *see* Suzuki, S. 96529
Nohara, T.J. Derivation of a 3-channel DPCA/monopulse radar using phased arrays 75615
Nohara, T.J., Haykin, S. Growler detection in sea clutter with coherent radars 75677
Nohara, T.J., Haykin, S. Growler detection in sea clutter using Gaussian spectrum models 99283
Nohava, J.C. *see* Grider, D.E. 63024
Nohda, T. *see* Kuriyama, H. 92918
Nohgi, H. *see* Katane, T. 100263
Nohtomi, A., Narita, K., Matoba, M., Koori, N., Kume, H., Nakamura, H. Optical observation of self-quenching streamers by α- and β-rays 98608
Nohtomi, A., Narita, K., Uozumi, Y., Sakae, T., Matoba, M., Koori, N., Kume, H., Nakamura, H. Optical observation of self-quenching streamers by α- and β-rays 88210
Nohtomi, A. *see* Rashid, M.M. 59193
Nohtomi, A. *see* Rashid, M.M. 88237
Nohtomi, A. *see* Rashid, M.M. 98674
Nohtomi, A. *see* Widodo, S. 59139
Noia, G. *see* Caricchi, F. 69141
Noije, W.A.M.Van *see* Van Noije, W.A.M.
Noji, H. *see* Furuyama, T. 92208
Nojima, H., Takao, K., Yamashita, T., Fujimoto, M., Nagata, M., Koba, M., Kataoka, S. Design and performance of a highly sensitive magnetoresistive sensor using high Tc $YBa_2Cu_3O_{7-x}$ ceramic superconducting film 66316
Nojima, T., Nishiki, S., Kobayashi, T. An experimental SAR estimation of human head exposure to UHF near fields using dry-phantom models and a thermograph 99000
Nojima, T. *see* Kobayashi, T. 95038
Nojima, T. *see* Kuriyama, T. 50266
Nojima, T. *see* Narahashi, S. 86046
Nojiri, H., Takamasu, T., Todo, S., Uchida, K., Haruyama, T., Katori, H.A., Goto, T., Miura, N. Generation of 500 T fields by electromagnetic flux compression and their application to cyclotron resonance experiments 83575
Nokali, M.El *see* El Nokali, M.
Nokes, J.P., Cloud, G.L. The application of three interferometric techniques to the NDE of composite materials 70186
Nolan, D.A., Bhagavatula, V.A., Lerminiaux, C. Integrated-optics planar components 75452
Nolan, J. A solution for intelligent battery management 54112
Nolan, J.F. Development of 60 cm×120 cm thin film CdTe PV modules 100610
Nolan, J.F. *see* Stoller, R.A. 87382
Nolan, J.P. *see* Scheirer, S.T. 89692
Nolan, K.F. *see* Bzymek, Z.M. 70230
Nolan, P. *see* Cheung, C. 71973
Nolan, P.J., O'Kelly, M.E.J., Fahy, C. Assessment of ways of improving the supply continuity in electric power systems—a simulation approach 77998
Nolan, P.S. Flue-gas desulfurization in thermal power plants 89564
Nolan, R., II *see* Haque, T. 89968
Nolan, T. *see* Ranjan, R. 63181
Nolde, R. Precautions instead of throwaways: solderless plugging technology facilitates recycling 81081
Nolden, F. *see* Franzke, B. 76402
Nolden, F. *see* Steck, M. 76411
Nolden, W. *see* Bausch, J. 89311
Nolen, J.A., Joh, K. Beam dynamics studies of four-gap low-beta superconducting resonators 66864
Nolen, J.A. *see* Joh, K. 66860
Nolen, J.A. *see* Pardo, R.C. 76297
Noll, A. *see* Ney, H. 51394
Noll, A.M. A study of long-distance rates. Divestiture revisited 65220
Noll, J., Edenhofer, P. Focusing with frequency-selective and polarisation-sensitive structures on planar antenna reflectors 57282
Noll, J. *see* Henkel, V. 65381
Noll, T.G. *see* Schobinger, M. 93595
Nolley, E.S. Getting ATM into the office 96911
Nollez, G. *see* Coron, N. 59152
Nollez, G. *see* Zhou, J.W. 98538

Nolte, D.D. Dynamic holographic phase gratings in multiple-quantum-well asymmetric Fabry-Perot reflection modulators 63468
Nolte, D.D. *see* Brubaker, R.M. 73073
Nolte, D.D. *see* Kwolek, K.M. 73168
Nolte, D.D. *see* Melloch, M.R. 62163
Nolte, L.W. *see* Jalihal, D. 67527
Nolte, R. *see* Ambrosi, P. 88599
Nolte, R.J.M. *see* Koopal, C.G.J. 59249
Nolting, H.F. *see* Gabriel, A. 98525
Noma, K. *see* Matsushita, N. 63201
Noma, K. *see* Matsushita, N. 72065
Noma, M. *see* Gunji, S. 88317
Noma, M. *see* Tokanai, F. 88064
Noma, M. *see* Tokanai, F. 98602
Noma, T. *see* Nakamura, J.-I. 97739
Nomachi, M. *see* Gonzalez, H.L. 74734
Nomachi, M. *see* Kurashige, H. 98665
Nomachi, M. *see* Sekimoto, Y. 67333
Nomachi, N. *see* Takahashi, T. 76760
Noman, M.A. Improvement performance of the instantaneous voltage controller 77926
Nomoto, K., Saitoh, H., Chida, A., Sannomiya, H., Itoh, M., Yamamoto, Y. a-Si alloy three-stacked solar cells with high stabilized-efficiency 100585
Nomoto, K., Suzuki, T., Taira, K., Hase, I. Resonant tunneling spectroscopy of sidewall-confined states and impurity-bound states using AlGaAs-GaAs triple-barrier diodes 81779
Nomoto, M., Abe, S.-I., Miyagi, M. Graphical representation of mode selectivity in hollow waveguides with and without inner dielectric layer: slab waveguide model 56393
Nomoto, M. *see* Yamanaka, C. 48706
Nomoto, S., Mizuguchi, Y. Conditions for a rotationally symmetric aperture mapping in dual reflector antennas—a new category of reflector systems allowing double-offset configuration 57199
Nomoto, S. *see* Kato, Y. 50730
Nomoto, Y., Ohkubo, T., Kanazawa, S., Adachi, T. Improvement of ozone yield by a silent-surface hybrid discharge ozonizer 62131
Nomoto, Y. *see* Kanazawa, S. 64108
Nomoto, Y. *see* Ohkubo, T. 78437
Nomura, A., Miike, H., Koga, K. Detecting a velocity field from sequential images under time-varying illumination 57797
Nomura, A. *see* Yoshida, K. 94190
Nomura, E. *see* Okuyama, R. 78807
Nomura, H. *see* Araki, S. 51635
Nomura, H. *see* Mieno, F. 70149
Nomura, H. *see* Uematsu, T. 100484
Nomura, H. *see* Uematsu, T. 100570
Nomura, J. *see* Fife, A.A. 93943
Nomura, K. Spin models constructed from Hadamard matrices 91288
Nomura, K., Komada, S., Ishida, M., Hori, T. Force control of motors based on second derivative of force using observers which compensate environment variations 60157
Nomura, K. *see* Fujishiro, H. 89291
Nomura, K. *see* Tomita, N. 82402
Nomura, M. Applications of frame relay system 51776
Nomura, M., Yamashina, M., Goto, J., Inoue, T., Suzuki, K., Motomura, M., Koseki, Y., Shih, B.S., Horiuchi, T., Hamatake, N., Kumagai, K., Enomoto, T., Yamada, H. A 300-MHz 16-b 0.5-μm BiCMOS digital signal processor core LSI 49485
Nomura, M. *see* Suzuki, K. 92288
Nomura, M. *see* Toyama, S. 66792
Nomura, N. *see* Endo, M. 61717
Nomura, N. *see* Harafuji, K. 62500
Nomura, N. *see* Imai, S. 71381
Nomura, N. *see* Matsuo, T. 71356
Nomura, N. *see* Matsuo, T. 71540
Nomura, N. *see* Ohkuni, M. 71378
Nomura, N. *see* Sasago, M. 49933
Nomura, N. *see* Sasago, M. 81733
Nomura, N. *see* Tamaki, T. 93264
Nomura, N. *see* Yamashita, K. 81683
Nomura, N. *see* Yano, K. 71430
Nomura, N. *see* Yasuda, M. 71439
Nomura, S., Itoh, J., Takizawa, T. Compensated electrical properties of $CuInSe_2$ single crystals 62211
Nomura, S. *see* Kamal, A.H.M. 71090
Nomura, S. *see* Kuriyama, T. 94009
Nomura, T., Shirakabe, Y., Ikeda, N., Shinozuka, T. Simple on-line method of measuring the absolute ionization efficiency of an ion source 87945
Nomura, T., Yasuda, T., Furukawa, S. Humidity sensor using surface acoustic waves propagating along polymer/$LiNbO_3$ structures 93856
Nomura, T., Yasuda, T., Furukawa, S. Humidity sensor using surface acoustic waves propagating along layered structures 97898
Nomura, T. *see* Furukawa, S. 93855
Nomura, T. *see* Furukawa, S. 97899
Nomura, T. *see* Koseki, K. 70172
Nomura, T. *see* Takahashi, Y. 82792
Nomura, T. *see* Tanabe, M. 62423
Nomura, T. *see* Wei Gao 87502
Nomura, T. *see* Yoshikawa, K. 87506
Nomura, Y. *see* Goto, S. 79782
Nomura, Y. *see* Gotoda, M. 61300
Nomura, Y. *see* Ohta, Y. 85555
Nomura, Y. *see* Watanabe, A. 90377
Nonagaki, H. Researches for hyper-multimedia 85442
Nonaka, H., Da-te, T. Ultrasonic position measurement and its applications to human interface 99374
Nonaka, K. *see* Nishida, Y. 94689
Nonaka, K. *see* Saitoh, Y. 71780
Nonaka, M. Core filters guard against EMI in microprocessors for electronic equipment 51120
Nonaka, S. A suitable single-phase PWM current source inverter for utility interactive photovoltaic generation system 68879
Nonaka, S. Very long and large-area RF plasma productions by odd surface waves for online mass production of amorphous silicon solar cells or mirrors 90451
Nonaka, S. A suitable single-phase PWM current source inverter for utility connected residential PV system 100018
Nonaka, S., Kesamaru, K., Horita, K. Analysis of brushless three-phase synchronous generator without exciter 68565
Nonaka, S., Kesamaru, K., Horita, K. Analysis of brushless four-pole three-phase synchronous generator without exciter by the finite element method 68581
Nonaka, S., Neba, Y. Single-phase PWM current source converter with double-frequency parallel resonance circuit for DC smoothing 68781
Nonaka, S. *see* Higuchi, T. 90596
Nonaka, S.-I. *see* Kinugasa, T. 86787
Nonaka, T., Ozawa, S., Kimura, S. A moving object extraction using adaptive frame integration 95724
Nonaka, Y. *see* Sato, T. 61703
Nonami, K., He, W., Nishimura, H. Robust control of magnetic levitation systems by means of H^∞ control/μ-synthesis 94755
Nonami, K. *see* Tian, H. 93898
Nonami, M. *see* Kawamura, Y. 56177
Nonami, T. *see* Oda, N. 67522
Noneaker, D.L., Pursley, M.B. The effect of the chip rate on the performance of a CDMA system with a selective fading channel 75194
Noneaker, D.L., Pursley, M.B. On the chip rate of CDMA systems with doubly selective fading and rake reception 86089
Nongfan Zhu *see* Eldada, L. 94182
Nonis, D. *see* McKay, J. 88468
Nonnenmacher, B., Vollert, M. Measurement tasks in the Euro-ISDN 75073
Nonnon, P. *see* Panciatici, P. 59695
Nonomura, S., Nishiwaki, T., Nishimura, E., Hasegawa, S., Itoh, T., Nitta, S. Characterization of high quality a-Si:H for solar cells at low energy and at low temperature by PDS 100604
Nonomura, S. *see* Takeuchi, S. 100597
Nonomura, Y., Tsukada, K., Morikawa, T., Takeuchi, M., Hosono, A., Kosugi, M. New piezoresistive force detector for automotive use 69174
Nonoyama, A. *see* Miura, A. 61915
Nonoyama, A. *see* Miura, A. 62711
Noomen, J. *see* Maas, R. 87627
Noomen, J.G., Bijleveld, J., Kroes, F., Sluijk, T. An over-moded stripline beam position monitor 76500
Noopes, P.J. *see* Yeh, M.M. 88536
Noor, N.M., Rijal, O.M., Ismail, I. A look at textures analysis for remote sensing 77265
Noor, S.F., McDonald, J.R. Generation expansion planning using triangular fuzzy numbers 78040
Noor, Y.M., Tam, S.C., Lim, L.E.N., Jana, S. A review of the Nd:YAG laser marking of plastic and ceramic IC packages 69569
Noordeen, N. *see* Rashid, E. 92286
Noorden, L.van *see* van Noorden, L.
Noorman, J.T. *see* Evans, P.J. 98491
Nopp, P. *see* Nakesch, H. 77000
Noppe, J.M. *see* Gingrich, D. 53291
Nora, P. *see* Brambilla, A. 61549
Noras, J.M. *see* Al-Ruwaihi, K.M. 71815
Noraz, S., Prunier, M., Gerin, M. A "strongly-fail-safe majority voted output" circuit used for designing dependable computer 80296
Nordberg, E., Barnes, P., Ehrlich, R., Fox, W., Heinrichs, H., Kirchgessner, J., Metzger, D., Moffat, D., Muller, H., Padamsee, H., Sears, J., She, K., Tigner, M. Cryostat for a beam test with the CESR-B cavity 66815
Nordebo, S., Claesson, I., Nordholm, S. Weighted Chebyshev approximation for the design of broadband beamformers using quadratic programming 74145
Nordgren, K. *see* Rosling, M. 93362
Nordh, H.Lennart *see* Lennart Nordh, H.
Nordheden, K. *see* Chao, P.C. 62860
Nordheden, K.J. *see* Ming-Yih Kao 61916
Nordheden, K.J. *see* Wang, V.S. 49903
Nordholm, S. *see* Nordebo, S. 74145
Nordin, B. *see* Bengtsson, E. 51657
Nordin, G.P., Kulick, J.H., Jones, M., Nasiatka, P., Lindquist, R.G., Kowel, S.T. Demonstration of a novel three-dimensional autostereoscopic display 66621
Nordin, G.P. *see* Lindquist, R.G. 56453
Nordin, R.A., Buchholz, D.B., Huisman, R.F., Basavanhally, N.R., Levi, A.E.J. High, performance optical data link array technology 91051
Nordin, R.A., Levi, A.F.J. A system design perspective on optical interconnection technology 56574
Nordlander, E. *see* Lendenmann, H. 62734
Nordlander, E. *see* Rosling, M. 81197
Nordman, J.E. *see* Leuthold, A.C. 82389
Nordman, J.E. *see* Raissi, F. 82397
Nordmann, D.S. *see* Swetchine, J. 48646
Nordmann, F., Fiquet, J.-M. Selection criteria for the best secondary water chemistry 60065
Nordquist, K.J. *see* Weitzel, C.E. 92536
Nordquist, P.E.R., Jr., Henry, R.L., Blakemore, J.S., Saban, S.B., Gorman, R.J. Annealing of GaAs grown by vertical zone melting 79764
Nordstrom, R.J., Berg, L.J., DeSimone, A.F., Sugimoto, N. Single-longitudinal-mode operation of a TEA CO_2 laser using a time-gated gain cell 56605
Nordvik, J.-P., Mitchison, N., Wilikens, M. The role of the goal tree-success tree model in the real-time supervision of hazardous plants 60883
Norem, B. *see* Carrigan, R.A., Jr. 59039
Norem, J. *see* Barletta, B. 76636
Noren, J., Dawson, J., Haberichter, W., Novak, W., Reed, L., Yang, X.-F. Construction of a high resolution electron beam profile monitor 76601
Norford, L.K., Dandridge, C.B. Near-term technology review of electronic office equipment 69023
Norford, L.K. *see* Lorenzetti, D.M. 90677
Norga, G.J. *see* M'saad, H. 81527
Norgaard, J. *see* Bak, L. 96533
Norgaard, K. Functional specification of an ATM-DQDB interworking unit 58167
Norgaard, K. *see* Jessen, K.E. 51947
Norgate, P. *see* Wang, Y. 64794
Norgren, M., He, S. Electromagnetic reflection and transmission for a dielectric-Ω interface and an Ω slab 94770
Norikane, L., Freeman, A. MacSigma0—software for SAR image display and analysis on the Macintosh 77268
Norimatsu, S., Takachio, N., Inoue, Y., Hosoya, M., Tsunetsugu, H., Hata, S. An optical 90°-hybrid balanced receiver module using a planar lightwave circuit 75415
Norimatsu, S. *see* Takachio, N. 52556
Norimatsu, S. *see* Yonenaga, K. 65851
Norio Miura *see* Yongtie Yan 98145
Noritake, K. *see* Ushijima, S. 65506
Noritake, Y. *see* Oka, S. 86784
Norlander, E. *see* Rosling, M. 93362
Norlin, L.O. *see* Moszynki, M. 67304
Norman, A.G. *see* Philips, B.A. 61299
Norman, A.G. *see* Tae-Yeon Seong 71095
Norman, C.E., Murray, R., Woodbridge, K. Cathodoluminescence of strained and relaxed GaAs/AlGaAs p-i-n multi-quantum well structures on patterned Si substrates 81317
Norman, C.E. *see* Herzog, L. 81450
Norman, C.E. *see* Pratt, A.R. 79777
Norman, O. *see* Frey, D.R. 49122
Norman, R.D. *see* Lee, D.J. 70524
Normand, E. *see* Oberg, D.L. 70580
Normand, F.Le *see* Le Normand, F.
Normand-Cyrot, D. *see* Georgiou, G. 78596
Normandin, R., Dai, H., Janz, S., Chatenoud, F., Fernando, C., Beaulieu, Y., Delage, A. Longitudinal and vertical emission laser integration with quasi phase matched harmonic layers 94462
Normandin, R. *see* Cada, M. 73095
Normandin, R. *see* Frlan, E. 50960
Normandin, R. *see* Frlan, E. 80659
Normandin, R. *see* Frlan, E. 97955
Normandin, Y., Cardin, R., De Mori, R. High-performance connected digit recognition using maximum mutual information estimation 51393
Normandin, Y. *see* Cardin, R. 84020
Noro, F. *see* Lee, D.J. 70524
Noro, Y. *see* Miura, M. 50222
Noro, Y. *see* Tsuchiya, T. 50312
Noronha, C.A., Jr., Tobagi, F.A. Optimum routing of multicast streams 65092
Noronha, C.A., Jr., Tobagi, F.A. The evolution of campus networks towards multimedia 74958
Norose, R. *see* Komatsu, H. 86212
Norp, T., Roovers, A.J.M. UMTS integrated with B-ISDN 97157
Norppa, E.M. *see* Wilhelm, R.V. 78948
Norreys, P.A. *see* Key, M.H. 50731
Norrington, J. *see* Burfield, G. 66440
Norris, B. The European monitor market scene 98232
Norris, B.L. Status report on the Tevatron lower temperature upgrade 93983
Norris, C.A., Engelman, D.M. A risk analysis of cancelling a low NO_x burner installation 78371
Norris, K.C. *see* Dunn, D.D. 71793
Norris, K.C. *see* Dunn, D.D. 93286
Norris, M.A. *see* Sun, J.Q. 93787
Norris, T.B. *see* Afzali-Kushaa, A. 63841
Norris, T.B. *see* June-Koo Rhee 94667
Norris, T.B. *see* Sha, W. 62300
Norrman, S. *see* Davidsson, P. 98546
Norrman, S. *see* Delsing, P. 53072

Norrman, S. *see* Xiao, Z. 58813
Norrod, R.D., Behrens, G.H., Jr., Ghigo, F.D., Levin, B.J. Design and implementation of a low-noise prime-focus S/X receiver system for radio astronomy 58536
Norros, I. A storage model with self-similar input 65000
Norros, I. *see* Aalto, S. 58173
Norros, I. *see* Kvols, K. 65385
Norros, I. *see* Virtamo, J. 51781
Norros, I. *see* Virtamo, J. 61073
Norstrom, H. *see* Zhang, S.-L. 82058
Norsworthy, R. *see* Grimm, K.A. 53504
Norte, A.D., Willner, A.E., Shieh, W., Tanguay, A.R., Jr. Multiple-layer optical interconnections using through-wafer hollow-dielectric-waveguide vias 82676
North, A.M. A unique contribution to engineering education in Asia: The Asian Institute of Technology 54364
North, R.C., Axford, R.A., Zeidler, J.R. The performance of adaptive equalization for digital communication systems corrupted by interference 95559
North, W.P.T. *see* Liasi, E. 54548
Northington, T.E. *see* Sims, J.R. 83550
Northmore, D.P.M., Elias, J.G. Evolving synaptic connections for a silicon neuromorph 92449
Northrop, B. *see* Boiarsky, C. 90808
Nortier, B. *see* Aubin, G. 75397
Norton, A. *see* Fanti, V. 76788
Norton, D., Johns, S., Keefer, C., Soref, R. Tunable microwave filtering using high dispersion fiber time delays 86323
Norton, D.D. The expanding role of communicators 90806
Norton, J.E. *see* Layton, C.F. 59487
Norton, J.F. *see* Tyagi, R. 71389
Norton, J.J. *see* Baig, N.A. 89595
Norton, J.R., Cloeren, J.M. Precision quartz oscillators and their use aboard satellites 59507
Norton, O.P., Skaggs, A., Bouchillon, C.W. Numerical flow simulation in the slagging stage of an MHD coal combustor 100775
Norton, P. *see* Neugebauer, G.T. 91418
Norton, P.R. *see* Anderson, G.W. 71342
Norton, P.W., LoVecchio, P., Pultz, G.N., Hughes, J., Robertson, T., Lukach, V., Wong, K. Scale-up of LPE processes for flexibility in manufacturing 91524
Norton, P.W. *see* Di Marzio, D. 92960
Norton, R.L. Demonstration programs for digital signal processing 84253
Norton, S.J. *see* Bowler, J.R. 70192
Norton-Standen, G. De-regulation produces a commodity with risks [UK electricity industry] 53665
Norton-Wayne, L., Bradshaw, M., Jewell, A.J. Machine vision inspection of web textile fabric 84659
Norum, L. *see* Adnanes, A.K. 69124
Norum, L. *see* Aga, L.A. 100802
Norum, L. *see* Aga, L.A. 100854
Norum, L. *see* Guijun Yao 90155
Norum, L. *see* Yu, Q. 90544
Norwood, C. *see* Trinh, V. 88925
Norwood, D., Worobey, W., Peterson, D., Miller, D. Diamond—a new high thermal conductivity substrate for multichip modules and hybrid circuits 92837
Norwood, H.M. *see* Smye, S.W. 77034
Norwood, R.A., Holcomb, D.R., Sobodacha, C.J., Lynch, T.J. Photoresist thermal stability measurements using laser scatterometry 81676
Nosach, G. *see* Bykov, K.I. 78362
Nosach, S.V. *see* Ostrirov, V.N. 69144
Nose, J. *see* Igari, S. 94265
Nose, J. *see* Takahisa, K. 100601
Nose, T., Hyun-Tak Kim, Uwe, H. Dielectric property of epitaxial films of $BaTiO_3$ synthesized by laser ablation 93716
Nose, T., Kawamura, T., Sato, S. Image processing by a liquid crystal bistable optical device 66153
Nose, T., Sato, S. Flip-flop and oscillating behavior obtained with serial connection of liquid crystal bistable optical device pixels 56450
Nose, T. *see* Zhan He 50597
Nosenko, A.E., Shevchuk, V.N. Ultraviolet photodetector made from rare-earth garnet crystals 52850
Noseworthy, G. *see* Covino, J. 66000
Noshiro, H. *see* Yoshikawa, K. 71834
Noske, D.U., Guy, M.J., Rottwitt, K., Kashyap, R., Taylor, J.R. Dual-wavelength operation of a passively mode-locked "figure-of-eight" ytterbium-erbium fibre soliton laser 56736
Noske, D.U. *see* Guy, M.J. 63719
Noske, D.U. *see* Rottwitt, K. 63382
Noske, H. *see* Tonshoff, H.K. 66155
Noskov, M.D. *see* Kukhta, V.R. 56095
Nosochkov, Y., Courant, E., Garren, A., Ritson, D.M., Sen, T., Stiening, R. Current design of the SSC interaction regions 87840
Nosochkov, Y., Pilat, F., Ritson, D.M. Orbit correction system for the SSC interaction regions 98406
Nosochkov, Y., Ritson, D.M. The provision of IP crossing angles for the SSC 66877
Nosochkov, Y., Sen, T., Courant, E., Garren, A., Ritson, D.M., Stiening, R., Syphers, M.J. Principles of interaction region design in hadron colliders and their application to the SSC 76284
Nosochkov, Y. *see* Pilat, F. 66913
Nosochkov, Y. *see* Sen, T. 66883
Nosov, V.V. Optical remote sensing of statistical characteristics of underlying surface 77312
Nosratinia, A., Orchard, M.T. Discrete formulation of pel-recursive motion compensation with recursive least squares updates 84994
Nossarzewska-Orlowska, E. *see* Kaminski, P. 81213
Nostrand, G.E. *see* Dolny, G.M. 61560
Nosu, K. Present status and future perspective on optical FDM based lightwave networks 86319
Nosu, K. *see* Yoshida, S. 97835
Notani, H., Kondoh, H., Matsuda, Y. A 622-MHz CMOS phase-locked loop with precharge-type phase frequency detector 70329
Notaristefani, F.de *see* de Notaristefani, F.
Note, S., Devisch, D., Van Nieuwenhove, K., De Moortel, J., Van Gelder, I. Generating VHDL for simulation and logic synthesis purposes using powerful architecture synthesis tools 55187
Note, S. *see* Genin, D. 70652
Note, S. *see* Vandebroek, P. 75143
Notea, A. *see* Breskin, A. 87993
Noteboom, E. *see* Fields, D.E. 98522
Noteboom, E. *see* van Hecke, H. 67350
Nother, G. *see* Heller, R. 82483
Noto, F. *see* Yanagiwara, M. 63088
Noto, I. *see* Fujishiro, H. 89291
Noto, K. *see* Fujishiro, H. 94038
Noto, K. *see* Fujiwara, T. 72248
Noto, K. *see* Watanabe, K. 82313
Notohara, Y., Futami, M., Tahara, K., Endoo, T., Yamashita, K. A single phase sinusoidal current input converter without sinusoidal standard wave form 68882
Notohara, Y. *see* Futami, M. 60245
Notohara, Y. *see* Sasada, I. 49133
Notsu, Y., Endo, S., Ono, F., Kohmoto, O., Uchida, T., Mori, T. High pressure synthesis and magnetostrictive measurement of Laves phase $Pr_{1-x}R_xFe_2$ (R=Ce,Nd) 63167
Nottenburg, R.N. *see* Govindarajan, M. 75402
Nottenburg, R.N. *see* Siala, S. 72848
Nottenburg, R.N. *see* Siala, S. 75398
Nottenburg, R.N. *see* Siala, S. 97290
Nottenburg, R.N. *see* Zhao, H. 50855
Notzel, R., Temmyo, J., Tamamura, T. Self-organization of boxlike microstructures on GaAs (311)B surfaces by metalorganic vapor-phase epitaxy 48939
Notzel, R., Temmyo, J., Tamamura, T. Self-organized growth of strained InGaAs quantum disks 54823
Notzel, R., Temmyo, J., Tamamura, T. Tunability of one-dimensional self-faceting on GaAs (311)A surfaces by metalorganic vapor-phase epitaxy 69922
Nouailhat, A. *see* Ashburn, P. 62703
Nouailhat, A. *see* Giroult-Matlakowski, G. 62701
Nouailhat, A. *see* Marty, A. 82090
Nouailhat, A. *see* Post, I.R.C. 55901
Nouel, P., Berthias, J., Deleuze, M., Jayles, C., Laudet, P. DORIS and its companion DIODE: a dedicated system for orbit determination 75673
Nouet, C. *see* Derrien, A. 51520
Nouet, G. *see* Rizk, R. 55540
Nouet, P. *see* Girard, P. 56074
Nouet, P. *see* Khalkhal, A. 62978
Noufi, R. *see* Contreras, M.A. 100507
Noufi, R. *see* Contreras, M.A. 100759
Noufi, R. *see* Gabor, A.M. 78820
Noufi, R. *see* Gabor, A.M. 90407
Noufi, R. *see* Tuttle, J.R. 91549
Noufi, R. *see* Tuttle, J.R. 100495
Noufi, R. *see* Zweibel, K. 100489
Nougier, J.P. *see* Varani, L. 62155
Nougues, P.O., Brown, D.E. The fusion of remotely sensed data and geographic information for object tracking 74147
Noulty, R.A. *see* Buckner, M.A. 98706
Noumeir, R., Mailloux, G.E., Lemieux, R. Accelerated iterative reconstruction based on the maximum a posteriori expectation maximization 88457
Noumeir, R. *see* Mailloux, G.E. 88456
Noumi, H. *see* Tanaka, K.H. 76567
Nour, F., Watson, J.F. The monitoring and analysis of transient vibration signals as a means of detecting faults in 3 phase induction motors 100147
Nour, M.A. *see* Anis, W.R. 68488
Nour, M.A.-S. *see* Anis, W.R. 60137
Nour, M.A.-S. *see* Anis, W.R. 89743
Nour Eldin, H.A. *see* Nabout, A. 57818
Nouri, H., Darvish-Damavandy, S. Analysis of thermal behaviour of low power circuit breaker contacts using finite element 100406
Nourifard, M.R. *see* Bouzari, H. 49649
Nourji, K., Demassieux, N. Memory-I/O tradeoff and VLSI implementation of lapped transforms for image processing 74503
Noury, P. The Fieldbus, a worldwide challenge FIP, second generation technology 58130
Nousiainen, U. *see* Pietila, T. 88493
Noutsios, P.C. *see* Yip, G.L. 50531
Nouvel, F., El Zein, G., Citerne, J. A new application of spread spectrum for automotive electronic communication systems 78989
Novacek, Z. Beamforming by progressive phasing 83867
Novacek, Z. *see* Cernohorsky, D. 64229
Novak, D., Tucker, R.S. Millimetre-wave signal generation using pulsed semiconductor lasers 83402
Novak, D., Waterhouse, R.B. Impedance behaviour and scan performance of microstrip patch array configurations suitable for optical beam forming networks 51260
Novak, D. *see* Lowery, A.J. 83119
Novak, E., Petras, K. Optimal stochastic quadrature formulas for convex functions 79557
Novak, I., Eged, B., Hatvani, L. Measurement and simulation of crosstalk reduction by discrete discontinuities along coupled PCB traces 70976
Novak, I. *see* Donohue, J. 96686
Novak, I. *see* Eged, B. 92696
Novak, I. *see* Eged, B. 97828
Novak, J. Economical production of high quality compressed air in steam power stations 89672
Novak, J., Klaus, M., Benz, K.W. Sulphur incorporation in GaSb layers grown by liquid phase electroepitaxy 49864
Novak, J., Kocik, J. Degradation of properties of materials for PWR primary circuit components. II. Surveillance specimens programs and diagnostic methods 78319
Novak, J., Kocik, J. Degradation of properties of materials for PWR primary circuit components. I. Mechanisms 78324
Novak, J. *see* Butvin, P. 72170
Novak, J. *see* Rusnak, B. 67128
Novak, L. *see* Larson, V. 75568
Novak, L.M., Owirka, G.J. Radar target identification using an eigen-image approach 75526
Novak, L.M., Owirka, G.J., Netishen, C.M. Radar target identification using spatial matched filters 52640
Novak, L.M. *see* Chaney, R.D. 75629
Novak, L.M. *see* Halversen, S.D. 75627
Novak, L.M. *see* Nanis, J.G. 65883
Novak, L.M. *see* Owirka, G.J. 75630
Novak, P., Kolesar, J. Effectiveness of electric furnaces 60621
Novak, P. *see* Kolesar, J. 79009
Novak, P. *see* Kolesar, J. 100937
Novak, R.J. Diagnosis of safety system faults 78984
Novak, S. Design of amplifiers with potentially unstable transistors 49181
Novak, S. Combined technology amplifier design 55384
Novak, S. *see* Dos Santos, J.C.A. 70888
Novak, S. *see* Palmstrom, C.J. 61276
Novak, T., Vitton, S. A case study of acoustics and vibration of mine fans 69298
Novak, W. *see* Kinloch, D.R. 88100
Novak, W. *see* Kinloch, D.R. 98626
Novak, W. *see* Noren, J. 76601
Novakovskii, R. *see* Shbed, P. 90088
Novakovskiy, S.V. Problems of increasing the information capacity of a television signal 58567
Novarini, J.C., Caruthers, J.W. The partition wavenumber in acoustic backscattering from a two-scale rough surface described by a power-law spectrum 59581
Novarini, J.C. *see* Caruthers, J.W. 99135
Novash, V.I., Shekadekh Khaled Combined mathematical modelling of differential protection for step-down transformers 60285
Novati, D. *see* Fabrizi, F. 69025
Novellini, G. *see* Benda, V. 94030
Novellino, J. VXI becomes easier to use, less expensive 97797
Novembre, A.E., Mixon, D.A., Pierrat, C., Knurek, C., Stohl, M. Dry etch patterning of chrome on glass optical masks using P(SI-CMS) resist 62560
Novembre, A.E. *see* Tarascon, R.G. 81635
Novero, C. *see* Bava, E. 66643
Novero, C. *see* Godone, A. 86932
Novichkov, Yu.A. *see* Sokolov, G.A. 87598
Novick, A. *see* Szekely, C. 75826
Novick, A.N. Atomic clock accuracy needed 66690
Novick, R. *see* Shaw, P.S. 81130
Noviello, G. *see* Armenise, M.N. 82693
Novikov, A.S. *see* Batenin, V.M. 89703
Novikov, D. *see* Glazov, A. 53208
Novikov, M.S. *see* Rayevsky, I.P. 82187
Novikov, S.A., Khil'ko, G.I. Inspection of displacement of joined surfaces by a method of acoustic microscopy 59604
Novikov, S.A. *see* Sharando, V.I. 55009
Novikov, S.R. *see* Baublis, V.V. 59244
Novikov, S.V., Vannikov, A.V. Effect of dipole moment on charge carrier transport in disordered organic matrices: a comparison with the dipole trap model 94245
Novikov, S.V. *see* Bystrov, S.D. 48927
Novikov, S.V. *see* Drozdov, S.V. 49804
Novikov, S.V. *see* Podor, B. 62249
Novikov, V. *see* Chen, M. 59169
Novikov, V. *see* Saenz, C. 59159

Novikov, V.P. *see* Kaputskii, F.N. 82399
Novikova, N.N. *see* Zheludeva, S.I. 82667
Noviskey, M. *see* Axtell, M. 57521
Novitskii, E.Z. *see* Borisenok, V.A. 56194
Novitskii, E.Z. *see* Tolstikov, I.G. 63115
Novitskii, V. *see* Kozlov, V.B. 78273
Novitsky, J., Azimi, M., Ghaznavii, R. Optimizing systems performance based on Pentium processors 70584
Novo-Gradac, A.d., Dennis, W.M., Silversmith, A.J., Jacobsen, S.M., Yen, W.M. Infrared to violet up-conversion in $YLiF_4:Nd^{3+}$ 73035
Novoderezhkin, V.I. *see* Krasnikov, V.V. 59374
Novodvorsky, O.A. *see* Azovsky, V.V. 56634
Novosel, D. *see* Apostolov, A.P. 89034
Novoselov, A.N., Konstantinov, B.A., Nikiforov, V.G., Trinchuk, B.F. High spectral brightness operation of narrow-linewidth KrF laser for microlithography 71529
Novoselov, B.A. *see* Shkitin, V.A. 50587
Novoselski, V.V. *see* Smirnov, V.V. 73139
Novoselskii, V.V. Holographic scanner for a laser printer 83361
Novoselskii, V.V. *see* Gan, M.A. 83360
Novoselskiy, V.V. *see* Gan, M.A. 64011
Novosel'tsev, A.V. A method of kinematic analogies in the theory of parametric optimisation of nonlinear circuits 70273
Novosel'tsev, A.V. *see* Tonkal', V.E. 91685
Novotnak, R. *see* Bodson, M. 78630
Novotnak, R. *see* Bodson, M. 89960
Novotny, D.B. *see* Kinard, J.R. 86890
Novotny, D.B. *see* Kinard, J.R. 87107
Novotny, D.W. *see* Chingchi Chen 69077
Novotny, D.W. *see* Heeres, B.J. 99668
Novotny, D.W. *see* Jansen, P.L. 68611
Novotny, D.W. *see* Jansen, P.L. 78637
Novotny, D.W. *see* Liang, F. 69050
Novotny, D.W. *see* Lorenz, R.D. 89936
Novotny, D.W. *see* Sakkoury, K.S. 89948
Novotny, D.W. *see* Wallace, I.T. 89978
Novotny, J. Preparation of high-quality InGaAsP/InP edge-emitting 1.3 μm LEDs 72621
Novotny, L. *see* Tvarozek, V. 66513
Novotny, M. *see* Gorfinkel, V.B. 94490
Novotny, R. *see* Gabler, A.R. 67416
Novotny, R.A., Wojcik, M.J., Beckman, M.G., Hinterlong, S.J., Lentine, A.L. Two dimensional optical data links 96944
Novotny, R.A. *see* Lentine, A.L. 86022
Novotny, R.A. *see* Sasian, J.M. 94056
Novotny, V. Technological means for flexible interconnection of power networks 89141
Novotny, V.J. *see* Xiaohe Pan 72145
Novozhilov, A.N., Polishchuk, V.I. Calculating the magnetic field in determining the parameters of an annular measuring converter 60155
Novozhilova, Yu.V. *see* Ginzburg, N.S. 51035
Novozhilova, Yu.V. *see* Ginzburg, N.S. 55513
Novozhilova, Yu.V. *see* Ginzburg, N.S. 56820
Novrusov, V.D. *see* Dzhafarov, T.D. 68999
Nowacki, Z. *see* Dzikowski, M. 100314
Nowak, E. *see* Bertsch, J. 70593
Nowak, E.J. Ultimate CMOS ULSI performance 93611
Nowak, E.J. *see* Foty, D.P. 62738
Nowak, H. *see* Adam, A. 88087
Nowak, H. *see* Adam, A. 88102
Nowak, H. *see* Adriani, O. 88023
Nowak, J., Jurusik, J. Magnetization process along a direction inclined to the anisotropy axis 82251
Nowak, J. *see* Lisowski, M. 87450
Nowak, L. Dynamic FE analysis of quasi-axisymmetrical electromechanical converters 83580
Nowak, L., Demenko, A., Szelag, W. System for computer aided design and optimization of electromagnetic actuators 51042
Nowak, M. Distribution of radiation intensity in a semiconductor film 58759
Nowak, P. *see* Fuhl, J. 96547
Nowak, R.D., Van Veen, B.D. Random and pseudorandom inputs for Volterra filter identification 74198
Nowak, R.D., Van Veen, B.D. Efficient methods for identification of Volterra filter models 84204
Nowak, R.D., Van Veen, B.D. Nonlinear system identification with pseudorandom multilevel excitation sequences 84512
Nowak, W. *see* Florkowska, B. 89308
Nowakowski, S., Darouach, M., Pierrot, P. A new approach for failure detection in uncertain systems 69632
Nowatzyk, A., Aybay, G., Browne, M., Kelly, E., Lee, D., Parkin, M. The S3.mp scalable shared memory multiprocessor 50090
Nowell, M.C., Carroll, J.E. Push-pull modulated DFB lasers with low chirp and enhanced cut-off frequency for high speed systems 65799
Nowell, M.C. *see* Yu, S.F. 83064
Nowell, M.C. *see* Zhang, L.M. 72857
Nowell, R.M., Bhavnani, S.H., Jaeger, R.C. Effect of channel width on pool boiling from a microconfigured heat sink 91083
Nowick, S.M., Coates, B. UCLOCK: automated design of high-performance unclocked state machines 92049
Nowick, S.M. *see* Gopalakrishnan, G. 92076
Nowicki, E.P. A comparison of single-phase transformer-less PWM frequency changers with unity input power factor 68835
Nowicki, J. *see* Rogers, D.T. 85892
Nowinski, W.L. The iterated normalized back-projection method of image reconstruction 95754
Nowlan, M. *see* Hogan, S.J. 100726
Nowlan, M.J., Hogan, S.J., Sutherland, S.F., Breen, W.F., Murach, J.M., Darkazalli, G. Development of advanced automation processes for photovoltaic module manufacturing 90429
Nowosad, A.G. *see* Barros, M.S.S. 77224
Nowotny, U. *see* Zhi-Gong Wang 86316
Noya, A. *see* Sasaki, T. 81570
Noyel, G. *see* Jorat, L. 63206
Noyel, G. *see* Vincent, D. 76153
Noyes, S. *see* Ping Wah Wong 64732
Nozaki, A. *see* Pogosyan, G. 55249
Nozaki, H. *see* Yamashita, H. 97663
Nozaki, K. *see* Tsuda, I. 100024
Nozaki, M., Oku, K., Harada, A., Higashitani, K., Takata, Y. A CMOS wafer process for half-micron logic devices 56071
Nozaki, S. *see* Kata, H. 96934
Nozaki, T. Mini hydro power derived from general purpose pumps 89715
Nozaki, Y. *see* Padmanaban, M. 81618
Nozaki, Y. *see* Spiess, W. 81620
Nozawa, S. *see* Sugawara, M. 71474
Nozawa, T. *see* Abe, N. 72047
Nozdrin, G.N. *see* Dorri, M.Kh. 89480
Nozick, J.E. Implementation of optical fibre networks for services and industrial applications 52480
Nozieres, J.P. *see* Politano, R. 50180
Nozokido, T. *see* Jongsuck Bae 63661
Nozu, T., Obara, M. Carrier passivation in heavily doped GaAs:Be by hydrogen plasma 81529
Nozue, M. *see* Shimizu, K. 85957
Nozue, Y. *see* Horii, N. 85761
Nozue, Y. *see* Kobayashi, Y. 71527
Nozza, G. *see* Carnescia, V. 68219
Nshanian, T. Secondary-electron emission of ion-implanted semiconductors in scanning electron microscopy 92929
Nu Ling *see* Ling Nu
Nucara, A. *see* Burattini, E. 87745
Nuccio, S. *see* Bucci, G. 100851
Nuckolls, E. *see* Lundberg, J. 70711
Nuckolls, K.A. *see* Seiden, P. 75032
Nudd, G.R. *see* Pombortsis, A. 96413
Nuesch, D. *see* Small, D. 77284
Nugent, M. *see* Jianping Xi 100527
Nugraha *see* Shinohara, M. 79808
Nugroho, S. *see* Soumekh, M. 88717
Nuhn, H.-D. *see* Tatchyn, R. 63889
Nuhn, H.-D. *see* Tran, P. 66892
Nuhn, H.-D. *see* Winick, H. 63870
Nuhn, H.-D. *see* Winick, H. 83178
Nuijs, A.M., Horikx, J.J.L. Diffraction and scattering at antiglare structures for display devices 66631
Nuland, E.van *see* van Nuland, E.
Numa, M. FPGA-based architectures and system design approaches 80234
Numagami, Y., Kobayashi, T., Nakamura, O., Minami, T. An automatic defect inspection algorithm for characters printed on chip resistors 60990
Numagami, Y. *see* Kobayashi, T. 79463
Numai, T. *see* Kosaka, H. 50826
Numai, T. *see* Kurihara, K. 56579
Numano, T., Okitsu, E., Kimata, M. III. Development of Shinkansen at the next generation 69161
Numao, T. *see* Katsuse, H. 76116
Numao, T. *see* Tsuji, H. 67592
Numasawa, Y. *see* Ikeda, Y. 61397
Numata, H. *see* Nagasawa, S. 55268
Numata, H. *see* Nagasawa, S. 61732
Numata, H. *see* Nagasawa, S. 92199
Numata, K. *see* Aoki, K. 93706
Numata, K. *see* Fukuda, Y. 93715
Numata, S. *see* Uenushi, M. 60374
Numata, T. *see* Kokogawa, T. 50612
Numata, T. *see* Nigashi, K. 50611
Numazawa, J., Kuga, K., Yoshimoto, H., Naoe, M. Thin film tape media with multilayers by sputtering 50256
Numazawa, J. *see* Kuga, K. 63234
Numazawa, J. *see* Kuga, K. 93881
Numeroli, R. *see* Tenconi, S.M. 68714
Nunally, P.O. *see* Saad, S.M. 90865
Nundal, A. Radio production: Evolution towards an all digital environment 86674
Nundy, U. *see* Bhatnagar, P. 72675
Nunes, E.D.B. Cellular telephone and new telecommunications services in Brazil 52046
Nunes, M.S., Soerensen, P.D., Frieden, M., Goncalves, J., Gunay, M., Blaser, H., Tao, V. ATM-n-ISDN 2 Mbit/s interworking unit 52279
Nunes, M.S. *see* Assmus, U. 96813
Nunes, M.S. *see* Scheidegger, A. 65531
Nunes, R. *see* Brunsvold, W. 81641
Nunes, R. *see* Ferguson, R. 71450
Nunes, S. *see* Assmus, U. 75074
Nunez, C.M. *see* Lawless, P.A. 68784
Nunez, G.Garcia *see* Garcia Nunez, G.
Nunez, G.Lopez *see* Lopez Nunez, G.
Nunez, M.Garcia *see* Garcia Nunez, M.
Nunez, M.J. *see* Navarro, A. 61878
Nunez-Lagos, R. *see* Avignone, F.T. 67288
Nunez-Lagos, R. *see* Saenz, C. 59159
Nunichev, S. *see* Smirnova, N. 88602
Nunn, B. *see* Weidman, M. 92753
Nunn, C. Power line carrier technology revolutionises remote metering 68334
Nunn, G. *see* Birtwhistle, D. 90239
Nunn, J.P. *see* Lodge, N.K. 97529
Nunn, R.O. SONET requirements for jitter interworking with existing networks 75519
Nunnelley, L.L. *see* Arnoldussen, T.C. 50297
Nunoi, T. *see* Nakaya, H. 100573
Nunokawa, R., Yamajo, N., Takeda, T., Sugiyama, K., Inaba, N. A customer network design using short-wavelength electro-optical devices and optical fibers 86421
Nunokawa, R. *see* Yamajo, N. 85965
Nunokawa, R. *see* Yamamori, K. 85458
Nunoshita, M. *see* Gotoda, M. 61300
Nunoshita, M. *see* Ohtsuka, K. 71108
Nunoshita, M. *see* Tsukada, N. 93002
Nunoshita, M. *see* Yagi, H. 58831
Nunoya, Y. *see* Nishi, M. 93992
Nunzi, J.-M. *see* Fichou, D. 50443
Nunzi, J.M., Charra, F., Fiorini, C. Optical preparation of organic materials for frequency doubling 63970
Nunzi, J.M. *see* Charra, F. 56912
Nuovo, M.M. *see* Camarda, P. 52483
Nuovo, M.M. *see* Castagnolo, B. 96935
Nur, O., Willander, M. The high-speed performance of p-Si/n-$Si_{1-x}Ge_x$/$CoSi_2$ Schottky collector HBTs 81831
Nurdiati, S. *see* Carroll, J.M. 73693
Nurdin, G. *see* Vie, M. 71549
Nurgaliev, T. *see* Nedkov, I. 72212
Nuri, V., Bamberger, R.H. A theory of size-limited filter banks 80460
Nurmi, H., Salomaa, A. Conducting secret ballot elections in computer networks: problems and solutions 85786
Nurmi, J. *see* Toivanen, J. 92688
Nurmikko, A.V., Gunshor, R.L. Blue-green semiconductor lasers 94487
Nurmikko, A.V. *see* Ding, J. 72870
Nurmikko, A.V. *see* Ding, J. 94457
Nurmikko, A.V. *see* Gunshor, R.L. 94455
Nurmikko, A.V. *see* Han, J. 54884
Nurmikko, A.V. *see* He, L. 91516
Nurmikko, A.V. *see* Hua, G.C. 83103
Nurmikko, A.V. *see* Poole, P.J. 93159
Nurmikko, A.V. *see* Salokatve, A. 72873
Nurnikko, A.V., Gunshor, R.L. Blue-green emitters in wide-gap II-VI quantum-confined structures 63593
Nuruddin, A., Doyle, J.R., Abelson, J.R. Surface reaction probability in hydrogenated amorphous silicon growth 79882
Nurushev, S.B. *see* Asseev, A.A. 66932
Nurushev, T.S. *see* Blinov, B.B. 87861
Nusinovich, G.S., Latham, P.E., Granatstein, V.L. Some concepts of relativistic gyroamplifiers for particle acceleration 76843
Nusinovich, G.S., Read, M.E., Dumbrajs, O., Kreischer, K.E. Theory of gyrotrons with coaxial resonators 49745
Nusinovich, G.S., Vlasov, A.N. Parametric effect of a spatially periodic voltage depression on operation of Cerenkov sources of electromagnetic radiation 62117
Nusinovich, G.S. *see* Granatstein, V.L. 76358
Nusinovich, G.S. *see* Latham, P.E. 62095
Nusinovich, G.S. *see* Latham, P.E. 71043
Nusinovich, G.S. *see* Latham, P.E. 71044
Nuss, M.C., Li, M., Chiu, T.H., Weiner, A.M., Partovi, A. Time-to-space mapping of femtosecond pulses 56933
Nuss, M.C. *see* Feuer, M.D. 66672
Nussbaum, M. *see* Abe, K. 88115
Nussbaum, M. *see* Antilogus, P. 59064
Nussbaum, M. *see* Antilogus, P. 59127
Nussbaum, P. *see* Moser, V. 49090
Nussey, I. *see* Collins, P. 60985
Nussman, P.G. *see* McCormick, J.E. 59666
Nuti, M. *see* Beaumont, S.P. 88037
Nutini, M. *see* Marseguerra, M. 89509
Nutsch, G. *see* Ehrhardt, A. 90261
Nutt, A.C.G. *see* Gupta, M.C. 63441
Nutt, R. *see* Binkley, D.M. 98817
Nutt, R. *see* Rogers, J.G. 88125
Nutt, R. *see* Townsend, D.W. 98819
Nutt, S.R. *see* Chien, F.R. 79803
Nuttall, A.L. *see* Tianying Ren 67515
Nuttall, B.W. *see* Finch, J.W. 60160
Nuttall, C.L. *see* Croston, I.R. 75407
Nuttall, C.L. *see* St. Ville, L.J. 97300
Nuttall, J.A., Willett, P. Adaptive-adaptive subarray narrowband beamforming 74053
Nuttall, K. *see* Chen Wei 81977
Nuttall, R. *see* Baradel, O. 80015
Nutter, D. Developing a business structure for recycling 54409
Nutter, S., Tarle, G., Crawley, H.B., McKay, R., Meyer, W.T., Rosenberg, E.I., Thomas, W.D. Results of radiation hardness tests and performance tests of the HS9008RH flash ADC 88234

Nutter, S., Tarle, G., Crawley, H.B., McKay, R., Meyer, W.T., Rosenberg, E.I., Thomas, W.D. Characterization and radiation testing of the Harris HS9008RH FADC 98697
Nutter, S. *see* Crawley, H.B. 59209
Nuttin, M. *see* Preneel, B. 73758
Nutzel, B., Herwig, H. A two-frequency hydroacoustic scatterometer for bubble scattering investigations 59567
Nutzel, B., Herwig, H., Schmidt, A. Acoustic and microwave backscattering of the sea surface 99222
Nuytkens, P.R. *see* Eugster, C.C. 61778
Nuyts, J. *see* Bijnens, B. 59284
Nuyts, R.J., Delavaux, J.-M.P., Nagel, J.A., DiGiovanni, D.J. Investigation of tandem 980nm recycled erbium amplifier pump topologies 86400
Nuyts, R.J. *see* Chen, C.D. 75394
Nuyts, R.J. *see* Delavaux, J.-M.P. 50773
Nuzhdin, V.N., Kolganov, A.R., Durdin, M.Yu. Computer technology for the functional design of electric drives 60497
Nwosu, K.C., Chen, C.Y.R., Berra, P.B. A global data management strategy for distributed computing systems 75049
Ny, R.Le *see* Le Ny, R.
Nyairo, K.O. *see* Zhu, B. 50898
Nyamsi Hendji, A.M., Jaffrezic-Renault, N., Martelet, C., Shul'ga, A.A., Dzydevich, S.V., Soldatkin, A.P., El'skaya, A.V. Enzyme biosensor based on a micromachined interdigitated conductometric transducer: application to the detection of urea, glucose, acetyl- and butyrylcholine chlorides 98139
Nyati, S., Wegner, C.A., Delmerico, R.W., Piwko, R.J., Baker, D.H., Edris, A. Effectiveness of thyristor controlled series capacitor in enhancing power system dynamics: an analog simulator study 68065
Nyberg, T. *see* Bardos, L. 70097
Nychka, D.W. *see* Graham, M.G. 56001
Nycum, S.H. Protection of databases in the international telecommunications environment 79200
Nye, J.F., Hygate, G., Liang, W. Energy streamlines: a way of understanding how horns radiate backwards 94982
Nye, L. *see* Helmick, M. 60979
Nyen, W.Van *see* Van Nyen, W.
Nyeng, A., Moller-Pedersen, B. Approaches to the specification of intelligent network services in SDL-92 96840
Nyfors, E., Vainikainen, P., Raisanen, A. Development of industrial microwave sensors in Finland 87170
Nygaard, H., Inderbitzen, R., Hasenkam, J.M., Wieting, D.W., Paulsen, P.K. Measurement of sounds generated by mechanical aortic and mitral heart valve prostheses 77065
Nygard, E. *see* Fallot-Burghardt, W. 88244
Nygard, E. *see* Ronnqvist, C. 88024
Nygard, E. *see* Turchetta, R. 88247
Nygard, E. *see* Turchetta, R. 98692
Nygren, K. *see* Silvennoinen, R. 50975
Nyholm, P., Rao, S., Duffy, H. EMI protection in consumer portable products 94868
Nykolak, G. *see* Hong Koo Kim 72418
Nylandsted Larsen, A. *see* Thomsen, E.V. 91473
Nylen, P. *see* Wu, X.D. 66470
Nyman, A. *see* Ekenstierna, B. 59912
Nyman, G. *see* Davidsson, P. 98546
Nyman, G. *see* Delsing, P. 53072
Nyman, M. *see* Celata, C.M. 87832
Nymoen, H. PAFC demonstration plants in Europe: first results 60150
Nyquist, D. *see* Drachman, B. 94765
Nyquist, D.P. *see* Ross, J.E. 83418
Nyquist, D.P. *see* Rothwell, E.J. 75591
Nyquist, D.P. *see* Rothwell, E.J. 97371
Nyquist, D.P. *see* Song, J. 51094
Nyquist, D.P. *see* Viola, M.S. 83779
Nyquist, J.E. *see* Witten, A.J. 77298
Nys, O. *see* Smith, T. 98314
Nystrom, A. *see* Monakov, A.A. 75582
Nystrom, A.K. *see* Monakov, A.A. 59599
Nystrom, H. *see* Lindahl, O.A. 88360
Nystrom, S., Ringset, V., Roth, G., Stare, E. A flexible COFDM modem for the HD-DIVINE digital terrestrial broadcasting system 97654
Nystrom, S. *see* Divakaruni, R. 62805
Nyushkin, A.A. *see* Larionov, N.P. 83372

O, J.Rubio *see* Rubio O, J.
O, N. *see* Manku, T. 97903
O Jay Hyouk *see* Jay Hyouk O
O Kim Jong *see* Jong O Kim
O Ruanaidh, J.J.K., Fitzgerald, W.J. Interpolation of missing samples for audio restoration 52742
Oades, G. *see* Murphy, D. 85613
Oakes, C. *see* Squillante, M.R. 56544
Oakes, C.E. *see* Gordon, J.S. 88431
Oakey, R.P., Cooper, S.Y., Bigger, J. Improving product marketing in high-technology small firms: the potential for pro-active assistance 60834
Oakham, F.G. *see* Dixit, M.S. 88014
Oakham, G. *see* Salomon, M. 88108
Oakham, G. *see* Salomon, M. 98618
Oakley, J.P. *see* Robinson, M.J. 86996
Oakley, M.J. *see* Shoesmith, J.P. 60448
Oaks, O.J. *see* McCaskill, T.B. 87560
Oasa, K. *see* Lasnier, C.J. 63879
Oasa, T., Inada, H., Fujito, M., Matsumoto, T. A new test device for detecting very low leakage current using DRAM cell array 49441
Oasa, T. *see* Sugawara, Y. 71235
Oasa, T. *see* Uchihashi, T. 71387
Oashi, T. *see* Eimori, T. 93610
Oashi, T. *see* Suma, K. 92221
Oashi, T. *see* Suma, K. 92238
Oates, A.S. On the dispersion of electromigration failure times of Al alloy contacts to silicon 55828
Oates, D.E. *see* Dionne, G.F. 80620
Oates, D.E. *see* Liang, G.-C. 80599
Oates, K.L. *see* Maurer, D.E. 77791
Oatts, M.L. *see* Erwin, S.R. 77915
Oba, E. *see* Kawata, M. 78640
Oba, K. *see* Blankespoor, S.C. 88335
Oba, K. *see* Blankespoor, S.C. 98723
Oba, K. *see* Derenzo, S.E. 59224
Oba, K. *see* Derenzo, S.E. 67404
Oba, K. *see* Kyushima, H. 81159
Oba, K. *see* Kyushima, H. 92908
Oba, K. *see* Kyushima, H. 98704
Oba, K. *see* Ohmura, M. 97269
Oba, Y. *see* Nakayama, T. 99421
Obac Roda, V., Lin, T.T.Y. The distributed voting strategy for fault diagnosis and reconfiguration of linear processor arrays 49498
Obaidat, M.S. Performance simulation of packet switching techniques in computer networks using COMNET II.5 52100
Obaidat, M.S., Abu-Saymeh, D.S. A microcomputer-based video-pattern generator for binocular vision test 59350
Obaidat, M.S., Abu-Saymeh, D.S. Performance comparison of neural networks and pattern recognition techniques for classifying ultrasonic transducers 99354
Obaidat, M.S., AL Rousan, M.A. MTR: a modified token ring protocol and its performance 51862
Obaidat, M.S., Matalgah, M.M. Performance of the short-time Fourier transform and wavelet transform to phonocardiogram signal analysis 98764
Obana, M. *see* Furukawa, S. 97899
Obara, A. *see* Niki, S. 61269
Obara, H. Modelling and performance analysis of an optical frequency feedback loop for tunable DBR laser diodes with fast current switching 63849
Obara, H. *see* Murasawa, K. 86571
Obara, K., Aikawa, K., Kawahara, H. Speech recognition using auditory filter model incorporating spectro-temporal masking 95265
Obara, M. *see* Akagi, J. 97326
Obara, M. *see* Iizuka, N. 71604
Obara, M. *see* Nozu, T. 81529
Obara, T. *see* Takai, Y. 49421
Obara, T. *see* Takai, Y. 70550
Obata, A. *see* Miura, M. 50222
Obata, A. *see* Saito, G. 97333
Obata, S. *see* Jun-Ichi Kudoh 77725
Obata, S. *see* Matsunaga, M. 90370
Obayashi, K. *see* Okada, Y. 78621
Obayashi, S. *see* Nagaoka, M. 92572
Obe, M. Application of harmonics suppressor to general-purpose inverters 68863
Ob'edkov, E.V. *see* Yunusov, M.S. 82839
Obeid, M. *see* Kadachi, A. 59427
Obenaus, G. The Internet—an electronic treasure trove 52141
Obeng, Y.S., Steiner, K.G., Velaga, A.N., Chien-Shing Pai Dielectric materials for advanced VLSI and ULSI technologies 81393
Oberg, D.L., Wert, J.L., Normand, E., Ness, J.D., Majewski, P.P., Kennerud, R.A. Measurement of single event effects in the 87C51 microcontroller 70580
Oberg, J. *see* Jantsch, A. 70411
Oberg, P.A. *see* Stenow, E.N.D. 76967
Oberg, P.A. *see* Vegfors, M. 98860
Oberg, R.K. *see* Herrmann, R.M. 67629
Oberhardt, M.R., Hardy, D.A., Slutter, W.E., McGarity, J.O., Sperry, D.J., Everest, A.W., III, Huber, A.C., Pantazis, J.A., Gough, M.P. The Shuttle Potential and Return Electron Experiment (SPREE) 88633
Oberkampf, D., DeMenthon, D.F., Davis, L.S. Iterative pose estimation using coplanar points 96045
Oberlaender, R. *see* Osanna, P. 77061
Oberli, L. *see* Ahlback, J. 82424
Oberli, S. *see* Haberlin, H. 78511
Oberlin, A. *see* Hasler, M. 55103
Oberlin, J.-C. *see* Templier, F. 48981
Oberlin, J.C. *see* Belkacem, A. 48987
Oberlin, J.C. *see* Palleau, J. 81107
Oberlin, J.C. *see* Regolini, J.L. 91488
Obermeier, E. *see* Werner, M. 81345
Obernosterer, F. *see* Oehme, W.F. 50357
Oberoi, S., Nagaraja, G. Solving equations and inequations in term algebras with selectors 69740
Oberretl, K. Parasitic synchronous torques and oscillations in squirrel cage induction motors, influence of transients and iron saturation part II: rapid running-up, field dependent permeability 68614
Oberschachtsiek, P. *see* Friedland, E. 49855
Oberschmidt, J. *see* Yanof, A. 81586
Oberst, G. *see* Deis, G. 87958
Oberst, G. *see* Heim, J. 88070
Oberstedt, A. *see* Davidsson, P. 98546
Obhi, J.S. *see* Tossell, D.A. 50131
Obi, E. *see* Yoshikawa, K. 61725
Obidin, A.Z. *see* Hong Chu 82910
Obieta, I., Gracia, F.J. Sputtered silicon thin films for piezoresistive pressure microsensors 66217
Obina, T. *see* Tobiyama, M. 76584
Obinata, M. *see* Kashiwagi, T. 66364
Obnosov, Yu.V. *see* Emets, Yu.P. 57040
Obodnikov, V.I. *see* Kachurin, G.A. 55709
Obodnikov, V.I. *see* Kuryshev, G.L. 55708
Obodnikov, V.I. *see* Myasnikov, A.M. 81453
Obodovskii, I.M., Ospanov, K.T. Scintillation output of liquid xenon for low-energy γ-quanta 76780
Obodovsky, I.M. Liquid xenon ionization and scintillation spectrometers for MeV region 67395
Obolonsky, V.A. *see* Sang Yeong Lee 70855
Obraztsov, A.N. *see* Guseva, M.B. 70082
Obraztsov, V. *see* Badier, J. 87982
Obraztsov, Y.V. *see* Makarov, L.E. 89271
Obrecht, G. *see* Berendsen, C.-S. 87165
Obrecht, R. *see* Henneberger, G. 54259
Obregon, J. *see* Campovecchio, M. 80795
Obregon, J. *see* Portilla, J. 81987
Obregon, J. *see* Quere, R. 81765
Obreja, V.V. On the irradiation lattice damage effect upon the electrical characteristics of a semiconductor p-n junction 62248
Obrezumov, V.P. *see* Gerashchenko, S.S. 90462
O'Brien, D.C., Mears, R.J., Wilkinson, T.D., Crossland, W.A. Dynamic holographic interconnects that use ferroelectric liquid-crystal spatial light modulators 56447
O'Brien, D.C. *see* Wilkinson, T.D. 64031
O'Brien, D.C. *see* Wilkinson, T.D. 72549
O'Brien, D.P. *see* Frazier, A.B. 59396
O'Brien, F. *see* Graham, M.L. 75666
O'Brien, J.D., Fullman, H., Holt, H., Jr., Orwig, L. Accuracy validation of the IFSARE radar system 88748
O'Brien, J.D. *see* Orwig, L.P. 77788
O'Brien, J.J. *see* Lipp, M.J. 79894
O'Brien, J.J. *see* Mayers, S.D. 57591
O'Brien, K. Factors influencing electricity generation 77984
O'Brien, K., Maginot, S. Non-reversible VHDL source-source encryption 95101
O'Brien, K. *see* Ismail, T.B. 49085
O'Brien, K. *see* Jennings, C. 99991
O'Brien, L., Dauber, E., Smith, J. Controlling disk-drive contamination with adsorbent-materials technology 93884
O'Brien, P. *see* Davidson, R. 96367
O'Brien, P.F. *see* Beddara, A.S. 77098
O'Brien, S. *see* Barna, G.G. 62351
O'Brien, S. *see* Botez, D. 63845
O'Brien, S. *see* Mehuys, D. 94527
O'Brien, S.R. The medium facilitates the messages: electronic discourse and literature class dynamics 96825
O'Brien, T., Vandervoort, H. Glueware: the evolution and feasibility of distributed applications in a multivendor network 85796
O'Brien, W.D., Jr. *see* Chen, E.J. 59351
O'Brien, W.D., Jr. *see* Czerwinski, R.N. 98776
O'Brien, W.D., Jr. *see* Gandhi, D.R. 98774
Obro, M., Lucek, J.K., Smith, K., Blow, K.J. An optically programmable mode-locked laser 72789
Obro, M., Thorsen, P., Andreasen, S.B. All-optical frame synchronisation recovery 75500
Obrovac, M. *see* Dahn, J.R. 90359
O'Bryan, H.M. *see* Fratello, V.J. 91464
Obuchi, S. *see* Ohara, M. 58660
Obuchi, Y. *see* Nakashima, K. 64719
Obukhov, N.A. *see* Balkovoi, A.P. 69081
Obukhov, V.E. *see* Boksha, V.V. 62587
Obukhov, V.E. *see* Boksha, V.V. 62588
Obukhov, Yu.V. *see* Borovikov, I.P. 84341
Obukhovsky, V.V. *see* Smirnova, T.N. 64029
O'Byrne, S.B. *see* Woolsey, G.A. 66397
Ocah, O. *see* Topcu, S. 80055
O'Callaghan, K. *see* Eckert, S. 78070
Ocampo, M., Sebastian, P.J., Campos, J. Chemically deposited n-CdO thin films for solar cell applications 61332
Ocenasek, J. *see* Das, S.K. 52712
Ochi, A. *see* Furuya, M. 93685
Ochi, H., Iyer, U., Nayeri, M. A design method of orthonormal wavelet bases based on IIR filters 92389
Ochi, H., Kinjo, S. A fast adaptive filter using discrete cosine transform basis vectors 84194
Ochi, H., Yamamoto, E., Sawaya, K., Adachi, S. Analysis of MRI antenna loaded by an elliptical subject 76902

Ochi, H., Yamamoto, E., Sawaya, K., Adachi, S. Analysis of a magnetic resonance imaging antenna inside an RF shield 88371
Ochi, H., Yamamoto, E., Sawaya, K., Adachi, S. Use of a human-body simulator for analysis of MRI antennas 88372
Ochi, H. *see* Kinjo, S. 95562
Ochi, K., Inoue, S. Development of high-temperature absorption heat pump 61051
Ochi, K. *see* Gochi, H. 55260
Ochi, M. *see* Tamura, T. 61761
Ochi, S., Kimura, T., Ishida, T., Sonoda, T., Takamiya, S., Mitsui, S. High resistive undoped $Al_{0.48}In_{0.52}As$ layers grown by MOCVD 54963
Ochiai, A. *see* Nishihara, T. 61734
Ochiai, I. *see* Kikawa, T. 81518
Ochiai, I. *see* Ogawa, T. 55758
Ochiai, M., Temkin, H., Kazarinov, R.F. Integrated optics for optical head applications 82523
Ochiai, S., Iwasaki, H., Leda, M., Mizutani, T. Thermally-stimulated current and dielectric loss measurement of polypropylene and Teflon-FEP films immersed in diarylethane 63092
Ochiai, S., Masuko, H. 200 and 270 GHz SIS receivers for radiometric observation of stratospheric minor constituents 67816
Ochiai, T. *see* Takata, M. 75785
Ochiai, T. *see* Yoshida, M. 96927
Ochiai, Y., Yamamoto, K., Onishi, T., Ishibashi, K., Bird, J.P., Aoyagi, Y., Sugano, T., Ferry, D.K. Magnetotransport in quasi-ballistic narrow wires 81325
Ochiai, Y. *see* Ishibashi, K. 71187
Ochiai, Y. *see* Matsui, S. 71546
Ochieng-Ogolla, E. *see* de Heering, P. 58503
Ochii, A. Ceramic multiple-layer device techniques prove useful in mobilecom equipment 92350
Ochii, K. *see* Yabe, T. 70566
Ochkin, V.N. *see* Udalov, Yu.B. 82943
Ochoa, J.R., Garrison, D.L. Application of reliability criteria in power systems planning 89167
Ochoa, J.R. *see* Eriksson, A. 90312
Ochoa-Tapia, J.A. *see* Taguena-Martinez, J. 49771
Ochotta, E.S., Rutenbar, R.A., Carley, L.R. ASTRX/OBLX: tools for rapid synthesis of high-performance analog circuits 91785
Ochs, B. Workstations, navigation and traffic management 59528
Ochs, R. *see* Brauer, R. 76929
Ochs, T.L. *see* King, P.E. 90646
Ochsner, J. *see* Anerella, M. 76663
Ockwell, G., Kreger, R. The impact of hardware on open architecture design [on power systems] 59716
O'Conaill, B., Geelhoed, E., Hunter, A. DeskSlate: A case study in the design of a multimedia communication system 52037
O'Connell, N. *see* Duffield, N.G. 65001
O'Connell, N. *see* Duffield, N.G. 65002
O'Connell, N. *see* Duffield, N.G. 65004
O'Connell, P.A. *see* Hochman, S.D. 54476
O'Connell, R. *see* Essah, D. 69239
O'Connell, S., Donnelly, W. Security requirements of the TMN X-interface within end-to-end service management of virtual private networks 96501
O'Connell, T., Murphy, P.J., Murphy, A. A direct I/Q modulator at microwave frequencies using GaAs MESFETs 92617
O'Conner, B. *see* Leyva, V. 73173
O'Connor, B. *see* Cheshmehdoost, A. 58690
O'Connor, D., Knol, G., Ziff, R. Prediction of the experimental gamma ray peak broadening induced by gain wander in a gain stabilized system 88217
O'Connor, J. *see* Xu, Y. 71476
O'Connor, J. *see* Yung-Ho Chuang 62575
O'Connor, J.A. *see* Bazinet, J. 68075
O'Connor, J.A. *see* Bazinet, J. 90179
O'Connor, J.A. *see* Jordan, M. 54107
O'Connor, K.J. The source sensed SRAM (S^3) cell 70542
O'Connor, L. On the distribution of characteristics in composite permutations 83956
O'Connor, L. An analysis of a class of algorithms for S-box construction 83969
O'Connor, L. *see* O'Mathuna, S.C. 79335
O'Connor, L.J. *see* Millan, W. 64273
O'Connor, M., Smith, L., Cheung, L. Airborne infrared sensor calibration 77128
O'Connor, M.G. Airborne IRST system application to tactical ballistic missile defense (TBMD) 77767
O'Connor, P.D.T. Quantifying uncertainty in reliability and safety studies 79502
O'Connor, S.D., Soares, S.F. Picometre displacement tracking of an optical beam in a silicon Schottky barrier sensor 98013
O'Connor, T.G., Heim, J.R. Structural analysis of a superconducting central solenoid for the Tokamak Physics Experiment 82469
O'Connor, T.G. *see* Hassenzahl, W.V. 82468
O'Connor, W. *see* Kennedy, A. 87095
O'Connor, W.D. *see* Wailes, T.S. 55179
Octavio, M. *see* Sohn, L.L. 50427
Oda, A. *see* Yoshinouchi, A. 71631
Oda, A. *see* Yoshinouchi, A. 93511
Oda, H., Hirai, H., Kondo, K., Sato, T. Magnetic properties of shock-compacted high-coercivity magnets with a nanometer-sized microstructure 93893
Oda, H., Ueno, S., Inuishi, M., Tsubouchi, N. New buried channel FLASH memory cell with symmetrical source/drain structure for 64 Mbit or beyond 70521
Oda, H. *see* Miyazaki, M. 50098
Oda, H. *see* Yamaguchi, Y. 71658
Oda, K., Fukutoku, M., Toba, H., Kominato, T. 128 channel, 480 km FSK-DD transmission experiment using 0.98 μm pumped erbium-doped fibre amplifiers and a tunable gain equaliser 65783
Oda, K., Suzuki, S., Takahashi, H., Toba, H. An optical FDM distribution experiment using a high finesse waveguide-type double ring resonator 86368
Oda, K. *see* Fukasawa, A. 97784
Oda, K. *see* Inoue, K. 86446
Oda, K. *see* Suzuki, S. 63451
Oda, K. *see* Takizawa, Y. 51419
Oda, M. *see* Ozawa, A. 49881
Oda, M. *see* Takewa, H. 75773
Oda, N., Hasegawa, J., Nonami, T., Yamaguchi, M., Ohyama, N. Estimation of the surface topography from monocular endoscopic images 67522
Oda, N. *see* Sasaki, T. 91525
Oda, O. *see* Kohiro, K. 55696
Oda, R. Design method of the matching circuit for multiple medium waves 57307
Oda, T., Sakai, Y. Fast electrostatic discharges between a charged thin dielectric film and a spherical electrode with or without dielectric coating 63065
Oda, T., Wang, S. Surface handling effects of fabricating thin dielectric film HDPE on TSDC analysis 63053
Oda, T. *see* Yamada, M. 52347
Oda, Y. *see* Miyake, S. 68255
Oda, Y. *see* Mizomata, Y. 93915
O'Dae Kwon *see* Jin Seung Son 72884
O'Dae Kwon *see* Taek Moo Kim 72448
Odagaki, T. *see* Rosa, A. 62238
Odagawa, H., Meguro, T., Doi, K., Yamanouchi, K. Narrow-gap and multiphase interdigital transducer using anodic oxidation 56184
Odagawa, H. *see* Yamanouchi, K. 63118
Odagawa, H. *see* Yamanouchi, K. 71901
Odagawa, H. *see* Yamanouchi, K. 93836
Odagawa, H. *see* Yamanouchi, K. 93840
Odagawa, T. *see* Nobuhara, H. 72906
Odagiri, H., Shimizu, K., Matsumoto, G. Fundamental analysis on perception mechanism of ELF electric field 99002
Odahara, A. *see* Sugimitsu, T. 67251
Odajima, A. *see* Imai, M. 82558
Odaka, A. *see* Fujimoto, K. 80282
Odaka, M. *see* Hiramoto, T. 61716
Odaka, M. *see* Tamba, N. 92241
Odaka, T. *see* Demura, T. 92280
Odake, Y. *see* Hirase, J. 50027
Odake, Y. *see* Hori, T. 62817
Odalovic, H. *see* Pejovic, M. 49977
Odanaka, S. *see* Kurimoto, K. 71564
Odanaka, S. *see* Ohzone, T. 63003
O'Dare, M.J., Arslan, T. Generating test patterns for VLSI circuits using a genetic algorithm 55202
Odarenko, E.N., Shmat'ko, A.A. Nonlinear theory of resonant oscillators with an oblique magnetostatic field 81142
Odawara, A. *see* Chinone, K. 53368
O'Day, M.E., Sengupta, L.C., Ngo, E., Stowell, S., Lancto, R. Processing and characterization of functionally gradient ceramic materials 79989
O'Day, S. *see* Church, M. 66938
O'Day, S. *see* Hurh, P. 76600
Ode, T. A new technique for optical 3D measurements with a confocal scanning laser microscope 98304
Ode, T. *see* Fujita, H. 62565
O'Dea, D. A look at the future with machine vision 95659
Odeberg, H. Fusing sensor information using fuzzy measures 97860
Odeberg, H. A fuzzy framework for distributed sensor data processing 97886
Odedra, J. Management of the commissioning of CATV network utilising optical technology 97677
Odegaard, L., Holm, S., Torp, H. Phase aberration correction applied to annular array transducers when focusing through a stratified medium 98787
Odegard, J.E. *see* Gopinath, R.A. 51534
Odegov, A.L. *see* Akselrod, M.S. 88608
Odeh, F. *see* Souissi, K. 71553
Odeh, M.F. *see* Khan, A.H. 79967
Odell, C.E. *see* Glasser, C.A. 88319
Odell, J.J., Woodland, P.C., Young, S.J. Tree-based state clustering for large vocabulary speech recognition 95352
O'Dell, V. *see* Boterenbrood, H. 59185
O'Dell, V. *see* Boterenbrood, H. 59186
O'Dell, W.G., Schoeniger, J.S., Blackband, S.J., McVeigh, E.R. A modified quadrupole gradient set for use in high resolution MRI tagging 98862
Odendaal, J.W., Barnard, E., Pistorius, C.W.I. Two-dimensional superresolution radar imaging using the MUSIC algorithm 97401
Odet, C. *see* Baskurt, A. 95798
Odhiambo, C.D. *see* McCarthy, D.K. 83665
Odian, A. *see* Breidenbach, M. 92864
Odinokov, S.B. *see* Gorelov, A.M. 56480
Odintsov, A.A., Hekking, F.W.J. Electron transport in quantum wires: effects of Coulomb interaction 62298
Odintsov, S.L. *see* Gorelov, A.M. 56480
Odling, O., Wallin, S. Building MIB applications 58062
Odling, P. *see* Eriksson, H. 88893
Odlyzko, A.M. *see* Greenberg, A.G. 74634
Odlyzko, A.M. *see* Grigoriev, D.Yu. 69791
Odmark, A. *see* Dell'Acqua, A. 87955
Odmark, A. *see* Dell'Acqua, A. 98680
Odom, D.B., Daum, F.E., Murphy, S.D., Groves, K.M., Klobuchar, J.A. A comparison between a dynamic model and UHF radar observations of the auroral clutter environment 65913
O'Donnell, G., Bleeker, H. How to test systems with boundary scan: many advantages for the developer and the undertaking 79289
O'Donnell, M., Emelianov, S.Y., Skovoroda, A.R., Lubinski, M.A., Weitzel, W.F., Wiggins, R.C. Quantitative elasticity imaging 98771
O'Donnell, M., Skovoroda, A.R., Shapo, B.M., Emelianov, S.Y. Internal displacement and strain imaging using ultrasonic speckle tracking 59353
O'Donnell, M. *see* Karman, M. 88391
O'Donnell, M. *see* Martin, J.B. 88329
O'Donnell, M. *see* Seip, R. 98791
O'Donnell, M. *see* Shapo, B.M. 98784
O'Donnell, M. *see* Skovoroda, A.R. 59352
O'Donnell, P. *see* Braff, R. 65954
O'Donnell, S. An introduction to group decision making and group decision support systems 96343
O'Donnell, T., Boult, T.E., Xi-Sheng Fang, Gupta, A. The extruded generalized cylinder: a deformable model for object recovery 84795
O'Donohoe, B., Collier, M. A simulation tool for evaluating DQDB networks 65247
Odorico, R. Heavy flavor discrimination by neural networks 74341
Odorizzi, S. The simulation of mechanical behaviour of structures—from finite elements to geometrical elements 91395
Odoulov, S.G., Shcherbin, K.V., Shumeljuk, A.N. Photorefractive recording in BTO in the near infrared 82516
Odoulov, S.G., Tungen, R., Tschudi, T. Phase sensitivity of parametric gain for a seeded subharmonic in $BaTiO_3$ 83300
O'Dowd, J. *see* Oswald, R. 90428
O'Dowd, J.G., Johnson, B.J., Oswald, R.S., Willing, F. The stability of laser weld interconnects in a-Si:H modules 100543
O'Dowd, R. *see* Phelan, P. 50723
O'Dwyer, M. *see* De Vreede, J.P.M. 86889
Oe, K., Noguchi, Y., Caneau, C. GaInAsP lateral current injection lasers on semi-insulating substrates 50858
Oe, N. *see* Kuribayashi, K. 98318
Oechsle, R., Graf, M. The Internet protocol family over private ATM networks 51814
Oechsle, R. *see* le Boudec, J.-Y. 74952
Oechsner, H. *see* Herbst, W. 100541
Oechsner, H. *see* Scholz, A. 92968
Oed, R.G., Qualey, S. Controlling co-generation 60100
Oeding, D. *see* Mahn, U. 78904
Oeftiger, T. *see* Caspers, F. 76450
Oehler, A.M. *see* Klinner, M.A. 52302
Oehler, A.M. *see* Kozilek, J.H. 52304
Oehler, A.M. *see* Mohr, S. 85693
Oehler, K.L., Gray, R.M. Mean-gain-shape vector quantization 84997
Oehler, K.L. *see* Gray, R.M. 95178
Oehler, K.L. *see* Perlmutter, K.O. 57898
Oehler, U. *see* Petry, H.-P. 58312
Oehler, U. *see* Petry, H.-P. 65696
Oehme, W. *see* Einfeld, D. 59217
Oehme, W. *see* Einfeld, D. 66834
Oehme, W.F., Enk, K. A two step detection scheme for high intersymbol interference 72147
Oehme, W.F., Obernosterer, F., Plankenbuhler, R. Helical scan tape recording with MLSE at 3600 bit/mm 50357
Oehrlein, G.S. *see* Joubert, O. 55775
Oehrlein, G.S. *see* Joubert, O. 55776
Oehrlein, G.S. *see* Joubert, O. 93223
Oehrlein, G.S. *see* Kirmse, K.H.R. 93207
Oei, Y.S. *see* Spiekman, L.H. 82640
Oelert, W. *see* Dahmen, M. 87984
Oelgart, G. *see* Araujo, D. 71157
Oelhoffen, F., Lubrano, F., Farail, F. Scattering by doubly periodic gratings 73271
Oelmann, A., Unger, G. Results from the first fully automated PBS-maskprocess and pelliclization 60909
Oelze, B. *see* Kraak, W. 71162
Oepts, D. *see* Bakker, R.J. 72937

Oerder, M., Ney, H. Word graphs: an efficient interface between continuous-speech recognition and language understanding 73860
Oers, W.T.H.van *see* van Oers, W.T.H.
Oertel, J. *see* Watt, R.G. 88339
Oertel, U. *see* Gerhard-Multhaupt, R. 63950
Oesch, F. *see* Singh, N. 53638
Oesch, F. *see* Singh, N. 77952
Oestreich, V., Oexner, M. A new process controller expands the SIPART DR instrument range 97804
Oetjeng, D. *see* Kehr, M. 89618
Oexner, M. *see* Oestreich, V. 97804
Oeynhausen, H. *see* Wescehnfelder, K.D. 89451
O'Farrell, T., Nam, L.H., Senior, J.M. Channel sense spread spectrum with overload detection against FFDI: a delay/throughput comparison 96238
Ofek, O., Yung, M. Routing and flow control on the MetaNet: an overview 52174
Ofek, Y. Overview of the MetaRing architecture 52172
Ofek, Y. Generating a fault-tolerant global clock using high-speed control signals for the MetaNet architecture 58146
Ofek, Y., Yung, M. The integrated MetaNet architecture: a switch-based multimedia LAN for parallel computing and real-time traffic 65282
Ofek, Y. *see* Chung-Sheng Li 64921
Ofek, Y. *see* Cohen, R. 65322
Ofek, Y. *see* Simha, R. 74951
Ofelt, D. *see* Kuskin, J. 49475
Offeciers, F.E. *see* Peeters, S. 98959
Offelli, C. *see* Bertocco, M. 74012
Offenberg, M. *see* Rubloff, G.W. 55966
Offenberger, A.A. *see* Key, M.H. 50731
Offenhausser, A. *see* Jae-Suk Lee 71016
Offer, E. *see* Anderson, J.B. 74173
Offereins, H.L. *see* Klumpp, A. 54961
Offermann, E.A.J.M. *see* Mandeville, J.B. 76855
Offord, B.W. *see* Shimabukuro, R.L. 63493
Offord, G.E. *see* Nagaraj, K. 70782
Offringa, L.J. *see* Bosga, S.G. 68783
Ofner, H., Netzer, F.P., Matthew, J.A.D. Oxidation of Sc at a SiO_2/Si structure: a high resolution Auger study 55736
Ofner, H., Shapira, Y., Netzer, F.P. Evolution of the In oxide/Si(111) interface: analysis by electron spectroscopies 79904
Ofosu, W.K. *see* Mirshekar-Syahkal, D. 51228
Ogale, A.A. *see* Wait, M.A. 62379
Ogami, Y. *see* Ishikawa, S. 95824
Oganessian, Yu.Ts. *see* Apel, P. 53339
Oganyan, P.G. *see* Belyaev, V.S. 94405
Ogarev, S.A. *see* Andreyev, G.A. 73326
Ogasawara, H. *see* Fujishiro, H. 94038
Ogasawara, K. *see* Yamamoto, H. 72056
Ogasawara, K. *see* Yamamoto, H. 93895
Ogasawara, N. *see* Takahashi, H. 94637
Ogasawara, S., Akagi, H. Analysis of variation of neutral point potential in neutral-point-clamped voltage source PWM inverters 68735
Ogasawara, S., Yamagishi, N., Totsuka, H., Akagi, H. A voltage-source PWM rectifier-inverter with feedforward control of instantaneous power 54098
Ogasawara, S. *see* Fujita, H. 78714
Ogasawara, S. *see* Shirasawa, K. 100648
Ogasawara, T. *see* Takano, T. 99310
Ogata, A., Nakanishi, H., Nakajima, K., Kawakubo, T., Whittum, D., Arinaga, M., Yoshida, Y., Ueda, T., Kobayashi, T., Shibata, H., Tagawa, S., Yugami, N., Nishida, Y. Plasma lens and plasma Wakefield acceleration experiments using twin linacs 87880
Ogata, A. *see* Barletta, B. 76636
Ogata, A. *see* Nakajima, K. 76627
Ogata, H. *see* Kazami, K. 59263
Ogata, H. *see* Nishi, M. 93992
Ogata, H. *see* Takahata, K. 82416
Ogata, K. *see* Matsumura, S. 78355
Ogata, K. *see* Miyake, K. 53235
Ogata, N. Intelligent polymers for opto-electronic applications 94043
Ogata, N. *see* Kinoshita, T. 73120
Ogata, R., Itakura, T. Numerical analysis of scattering from the edge-type scatterer in a rectangular waveguide by the Yasuura method 73455
Ogata, S., Fujii, K., Nishino, I., Hata, R., Yoshikawa, N., Hirose, M., Koga, H., Tanaka, S., Osaka, K. Development of optical fibers incorporated single-core submarine power cable 89269
Ogata, S. *see* Uchitomi, S. 58993
Ogata, Y. *see* Gotoh, Y. 53249
Ogata, Y. *see* Hisamori, Y. 79023
Ogawa, A., Sudo, R., Gupta, A., Shirakata, S., Chichibu, S., Matsumoto, S., Isomura, S. Preparation and characterization of $Cu(Al,Ga)(S,Se)_2$ penternary alloys 61228
Ogawa, A. *see* Chichibu, S. 61307
Ogawa, A. *see* Shirakta, S. 62210
Ogawa, A. *see* Toshimitsu, K. 65557
Ogawa, C. *see* Takemura, H. 50076
Ogawa, E. *see* Kubo, O. 72055
Ogawa, F., Ida, S., Imanaka, Y., Sugino, H., Terane, H. A still-color-image compression/expansion LSI that conforms to JPEG international standards 55291
Ogawa, H. Numbering plan for the ISDN era in Japan 85856
Ogawa, H., Horikawa, K., Nakasuka, Y. Novel fiber optic BPSK and QPSK modulation links 86503
Ogawa, H., Horikawa, K., Nakasuka, Y. Cascaded external optical modulation link for radio distribution 97270
Ogawa, H., Irfan, G.S., Nakayama, H., Nishio, M., Yoshida, A. Growth of low-resistivity n-type ZnTe by metalorganic vapor phase epitaxy 70052
Ogawa, H. *see* Berrached, N.-E. 48784
Ogawa, H. *see* Kamitsuna, H. 50696
Ogawa, H. *see* Kikuchi, J. 55814
Ogawa, H. *see* Kitagawa, A. 53159
Ogawa, H. *see* Koide, Y. 84571
Ogawa, H. *see* Kumada, M. 68748
Ogawa, H. *see* Matsui, M. 80800
Ogawa, H. *see* Murakami, T. 76296
Ogawa, H. *see* Nakasuga, Y. 97272
Ogawa, H. *see* Sasane, S. 77384
Ogawa, H. *see* Sato, Y. 88546
Ogawa, H. *see* Takimoto, A. 72506
Ogawa, H. *see* Tanaka, Y. 72474
Ogawa, H. *see* Torikoshi, M. 53138
Ogawa, I., Yoshisue, K., Ibe, H., Idehara, T., Kawahata, K. Long-pulse operation of a submillimeter wave gyrotron and its application to plasma scattering measurement 62094
Ogawa, I. *see* Idehara, T. 62093
Ogawa, I. *see* Idehara, T. 62105
Ogawa, I. *see* Takeichi, M. 59531
Ogawa, I. *see* Yamada, Y. 82673
Ogawa, J. *see* Chugo, A. 52119
Ogawa, J. *see* Ishiyama, M. 69236
Ogawa, K. Access network systems 86335
Ogawa, K., Kohiyama, K., Kobayashi, T. Toward the personal communication era—a proposal of the "radio access" concept from Japan 65631
Ogawa, K., Uwano, T. A diversity antenna for very small 800-MHz band portable telephones 94983
Ogawa, K. *see* Chen, C.D. 75394
Ogawa, K. *see* Hara, Y. 64236
Ogawa, K. *see* Hiruma, K. 91541
Ogawa, K. *see* Hojo, H. 67677
Ogawa, K. *see* Kanai, Y. 82275
Ogawa, K. *see* Katsuyama, T. 72642
Ogawa, K. *see* Lu, J.-Q. 49125
Ogawa, K. *see* Nakagawa, T. 76251
Ogawa, K. *see* Ohtsubo, K. 86728
Ogawa, K. *see* Ono, K. 81895
Ogawa, K. *see* Sasagawa, K. 51612
Ogawa, K. *see* Tanaka, T. 98211
Ogawa, K. *see* Uchiyama, Y. 59315
Ogawa, K. *see* Yoshida, Y. 89653
Ogawa, M., Irii, H. Effect of generation method of modulated-noise reference signal on speech quality evaluation 84018
Ogawa, M. *see* Kirihara, T. 75169
Ogawa, M. *see* Miyazaki, T. 88402
Ogawa, M. *see* Miyoshi, T. 55858
Ogawa, N. *see* Sato, H. 61393
Ogawa, R. *see* Hase, T. 63328
Ogawa, R. *see* Kamikado, T. 82447
Ogawa, R. *see* Shibutani, K. 63326
Ogawa, S. *see* Fujita, N. 89380
Ogawa, S. *see* Inaba, S. 98669
Ogawa, S. *see* Jones, E.C. 62392
Ogawa, S. *see* Nakano, N. 98156
Ogawa, S. *see* Nishimura, H. 93260
Ogawa, T., Mochiji, K., Ochiai, I., Yamamoto, S., Tanaka, K. Low-temperature synchrotron-radiation-excited etching of silicon dioxide with sulfur hexafluoride adsorption 55758
Ogawa, T., Nakano, H., Gocho, T., Tsumori, T. SiO_xN_y:H, high performance anti-reflective layer for the current and future optical lithography 71512
Ogawa, T., Noda, E., Suzuki, S., Morimiya, O. The output characteristics of a transversely-excited copper vapor laser 82902
Ogawa, T., Uematsu, M., Ishimaru, T., Kimura, M., Tsumori, T. The effective light source optimization with the modified beam for the depth-of-focus enhancements 71457
Ogawa, T., Yamaguchi, A., Soga, T., Tachibana, H., Matsumoto, M., Oizumi, H., Takeda, E. New dry surface-imaging process for X-ray lithography 55834
Ogawa, T. *see* Chen, J. 82354
Ogawa, T. *see* Kasahara, H. 89784
Ogawa, T. *see* Lee, J. 93135
Ogawa, T. *see* Scheckler, E.W. 49926
Ogawa, T. *see* Scheckler, E.W. 71453
Ogawa, T. *see* Scheckler, E.W. 71541
Ogawa, T. *see* Yamamoto, M. 54872
Ogawa, T. *see* Yamamoto, M. 56758
Ogawa, T. *see* Yamazaki, A. 70551
Ogawa, Y. Application of harmonics suppressor to building facilities 68010
Ogawa, Y. Proposition of COP for energy 69244
Ogawa, Y. Analysis of optimum behavior for Peltier cooling system 90984
Ogawa, Y., Choi, J.-Y., Suwada, T., Kamitani, T., Urano, T., Furukawa, K., Ohsawa, S., Enomoto, A., Sato, I. Beam monitor utilizing transition radiation 76617
Ogawa, Y., Uenishi, S., Tohyama, K., Ito, K. Preparation and properties of $CuInS_2$ thin films 92977
Ogawa, Y. *see* Arahira, S. 63824
Ogawa, Y. *see* Inoue, N. 87770
Ogawa, Y. *see* Kamitani, T. 87822
Ogawa, Y. *see* Kimura, Y. 85142
Ogawa, Y. *see* Mamijoh, T. 63781
Ogawa, Y. *see* Moghaddar, A. 94767
Ogawa, Y. *see* Murata, T. 69655
Ogawa, Y. *see* Nemoto, M. 55172
Ogawa, Y. *see* Ohmiya, M. 64478
Ogawa, Y. *see* Ohsawa, S. 76312
Ogawa, Y. *see* Purwanto, Y. 94973
Ogawa, Y. *see* Yamada, H. 51081
Ogbuobiri, E.C. *see* Momoh, J.A. 88996
Ogden, D. *see* Burgess, B. 80367
Ogden, D. *see* Pham, D. 92287
Ogden, M.R. Development and telecommunications technology in Pacific island microstates 96335
Ogdon, B. Developing seamless multimedia: the Mammoth Publishing Format 51937
Oghanna, W., Stephens, B. Joint development research and technology transfer for AC traction drives 54216
Oghanna, W. *see* Flinders, F. 90498
Ogi, H. *see* Hirao, M. 55004
Ogi, H. *see* Yoshizawa, J. 77954
Ogi, K. *see* Nakao, Y. 91554
Ogi, K. *see* Soyama, N. 91555
Ogier, J.M., Mullot, R., Labiche, J., Lecourtier, Y. Original method for features extraction and vectorization: application to cadastral maps 99130
Ogievietzky, N.V. *see* Belolaptikov, I.A. 59156
Ogihara, A., Fukunaga, K. A correcting method for pitch extraction using neural networks 73894
Ogihara, K. *see* Takeuchi, A. 58593
Ogikubo, J. *see* Sasai, H. 84191
Ogimoto, K., Masuda, T., Inabe, H., Komukai, T., Tsuruta, S., Momotake, T. Power oscillation damping by superconducting magnetic energy (SMES) storage unit 89056
Ogino, E. *see* Murakawa, T. 89635
Ogino, K. *see* Imamoto, M. 66596
Ogino, N. ATM call admission control scheme under existence of plural quality classes 96160
Ogino, T. *see* Prabhakaran, K. 55770
Ogino, T. *see* Prabhakarana, K. 81486
Ogino, Y., Murakami, Y., Nakaoka, M. High performance control in ultra-low speed range of inverter-fed linear induction motor using vector control scheme 69057
Ogirima, M. Process innovation for future semiconductor industry 71758
Ogiso, H. *see* Yamanaka, K. 77732
Ogita, E. *see* Matsuno, G. 98163
Ogita, S. *see* Kobayashi, H. 83164
Ogita, Y., Yakushiji, K., Tate, N. Noncontact evaluation of subsurface and surface in the UV mm-wave Si wafers by photoconductivity transient technique 81210
Ogitsu, T., Devred, A. Influence of azimuthal coil size variations on magnetic field harmonics of superconducting particle accelerator magnets 67256
Ogitsu, T., Devred, A., Kim, K., Krzywinski, J., Radusewicz, P., Schermer, R.I., Kobayashi, T., Tsuchiya, K., Muratore, J., Wanderer, P. Quench antenna for superconducting particle accelerator magnets 87687
Ogitsu, T. *see* Jaffery, T.S. 76656
Ogitsu, T. *see* Wake, M. 87685
Ogitsu, T. *see* Wanderer, P. 82422
Ogiwara, H., Nakaoka, M. Zero-current soft-switched high-frequency induction-heating inverter using bipolar-mode normally-off SITs 68776
Ogiwara, H., Nakaoka, M. Voltage-clamped ZCS induction-heating high-frequency inverter using normally off bipolar mode SIT 100939
Ogiwara, H., Nakaoka, M. Zero current soft switching mode parallel load resonant tank high-frequency inverter using normally off bipolar mode SIT 100940
Ogiwara, H., Oohira, K. Performance evaluation method of trellis coded modulation scheme without uniformity 95134
Ogiwara, H., Satou, M., Yamada, Y., Kitamura, T., Hasegawa, T. Induced critical current density limit of Ag sheathed Bi-2223 tape conductor 89303
Ogiwara, M. $NC^k(NP)=AC(k-1)(NP)$ 80016
Ogiwara, N. *see* Ishizuka, H. 63887
Ogletree, D.F. *see* Zheng, J.F. 71103
Ogletree, D.F. *see* Zheng, J.F. 72812
Ogloblin, A.A. *see* Latushkin, S.T. 76319
Ogniewicz, R.L. Skeleton-space: a multiscale shape description combining region and boundary information 84681
Ognischev, A.Yu. *see* Akchurin, G.G. 94420
Ognishchev, A.Yu. *see* Akchurin, G.G. 88362
O'Gorman, J. *see* Mitchell, N.F. 72430
O'Gorman, L. *see* Brassil, J. 65395
O'Gorman, T.J. The effect of cosmic rays on the soft error rate of a DRAM at ground level 49410
Ogoro, K. *see* Sasaki, Y. 65637

Ogorodnik, A.D. *see* Katerinchuk, V.N. 93061
Ogorzalek, M. *see* Dedieu, H. 61499
O'Grady, D.S., Wilber, P.B. Attenuating phase-shift mask by thermal oxidation of chrome 71472
O'Grady, D.S. *see* Ferguson, R.A. 71466
O'Grady, K., Thomson, T., Greaves, S.J., Bayreuther, G. Reversal mechanisms in Tb/Fe multilayers 71982
O'Grady, K. *see* Dean, C. 50228
O'Grady, K. *see* El-Hilo, M. 50176
O'Grady, K. *see* El-Hilo, M. 50227
O'Grady, K. *see* Mayo, P.I. 50175
O'Grady, K. *see* Patel, V. 50245
O'Grady, K. *see* Tomka, G.J. 50213
O'Grady, M.J., Briggs, W.T., Stadlin, W.O. Managing power system security and optimization 99491
Ogram, D. The impact of technology on customer service 96345
Ogren, H. *see* Shapiro, G. 76455
Oguchi, K., Maki, I. A multilevel-voltage source rectifier with a three-phase diode bridge circuit as a main power circuit 60319
Oguchi, K., Maki, Y., Sunaga, Y. Three-phase multilevel voltage source converters with low switching frequencies and less-distorted input voltages 68726
Oguchi, K., Maki, Y., Sunaga, Y. Three-phase multilevel-voltage source converters with low switching frequencies and less distorted input voltages 90163
Oguchi, K. *see* Mano, K. 57421
Oguchi, T., Ishida, N., Ihara, T. Effect of multiple scattering on the estimation of rainfall rates using dual-wavelength radar techniques 77417
Oguchi, T. *see* Ito, S. 75588
Oguchi, T. *see* Takasugi, H. 97259
Oguma, H. *see* Yoshitomi, T. 71679
Oguma, M., Kitagawa, T., Hattori, K., Horiguchi, M. Tunable Er-doped Y-branched waveguide laser 56704
Oguma, M. *see* Hattori, K. 56410
Oguma, M. *see* Hattori, K. 72971
Oguma, T. *see* Nakano, S.-I. 48805
Oguma, T. *see* Suzuki, S. 79026
Ogunfunmi, T. Adaptive interference cancellation using the FELMS algorithm on the TMS320C30 74125
Ogunfunmi, T., Zhuobin Chen A method for adaptive beamforming based on an inverse QR decomposition 95567
Ogunfunmi, T. *see* Fang-Chen Cheng 74537
Ogunjimi, A.O., Petzing, J.N. The use of electronic speckle pattern interferometry in electronics manufacturing process modelling 54434
Ogunjimi, A.O., Whalley, D.C., Williams, D.J. A comparison of modelling methods for electronic interconnect structures 92848
Ogunlana, S.O., Tabucanon, M.T., Dey, P. A methodology for project control through risk analysis: the case of a pipeline project 60908
Ogura, A. *see* Sugawara, M. 71474
Ogura, H. 1/f noise viewed as a stochastic process 79559
Ogura, H. *see* Matsumoto, H. 86195
Ogura, H. *see* Miyagi, S. 84619
Ogura, H. *see* Takahashi, N. 84620
Ogura, I., Suzuki, Y., Hagiwara, N. A method of improving the accuracy of rotary encoders using a code compensation technique 66685
Ogura, I. *see* Kosaka, H. 50826
Ogura, I. *see* Nishikawa, T. 83213
Ogura, I. *see* Omatsu, T. 94658
Ogura, I. *see* Owen, S.J. 97697
Ogura, I. *see* Saito, H. 94554
Ogura, I. *see* Suesada, K. 86794
Ogura, K. *see* Banno, H. 56114
Ogura, K. *see* Ikehara, S. 85430
Ogura, K. *see* Main, W. 70867
Ogura, K. *see* Tanaka, T. 70525
Ogura, M., Terakado, S., Suzuki, S., Tanaka, K. Synchrotron-radiation-excited etching of SiC 71330
Ogura, M. *see* Dods, S.R.A. 72817
Ogura, M. *see* Iguchi, M. 63346
Ogura, M. *see* Watanabe, M. 94464
Ogura, S. *see* Takagi, T. 86040
Ogura, T., Fujita, H. Resolution properties of a 2048×2048 matrix image intensifier-TV based digital radiography system 67465
Ogura, T., Fujita, H., Okamura, T., Hamashima, C., Maruyama, M. Mass screening for upper GI tracts using digital radiography—investigation of image compression and 1 k matrix mode 98798
Ogura, T., Nakagawa, A. IGBT mode turn-off thyristor (IGTT) fabricated on SOI substrate 62735
Ogura, T. *see* Haneishi, H. 59266
Ogura, T. *see* Hirai, M. 74949
Ogura, T. *see* Kasai, R. 57753
Ogura, T. *see* Naganuma, J. 49225
Ogura, T. *see* Nakagawa, A. 61559
Ogura, Y. *see* Nakano, K. 81629
Oguri, H. *see* Yanagimachi, T. 63536
Oguri, Y., Wu, G., Hattori, T. Effects of 3D image charge force on the motion of off-centered beams in an RFQ 59024
Oguri, Y. *see* Okamura, M. 59023
Oguri, Y. *see* Takeda, O. 76414
Oguro, R. *see* Run-De Qi 69163
Oguro, S. *see* Sakao, M. 70500
Ogusu, K. Exact analytical solutions for stationary input-output characteristics of a nonlinear Fabry-Perot resonator with reflection coatings 94663
Ogusu, M. *see* Kadono, H. 72482
Oguz Sunay, M., Fahmy, M.M. An orthogonal approach to the spatial-domain design of 2-D recursive and nonrecursive nonlinear filters 92409
Oh, B., Hur, P.W., Choi, Y.W. YBCO grain boundary junction DC SQUID working at liquid nitrogen temperature 72229
Oh, B.D. *see* Sang Yeong Lee 70855
Oh, C. *see* Brawhear, R.B. 49317
Oh, C.G., Youn, H.Y. Fault tolerant processor arrays for nonlinear shortest path problem 92021
Oh, E.M., LaValley, R. Conduction rework technology and techniques 92738
Oh, J.H. *see* Kwon, H.J. 63202
Oh, J.H. *see* Shin, J.Y. 51080
Oh, J.S. *see* Cho, M.H. 67044
Oh, J.S. *see* Nam, S.H. 68754
Oh, M., Ura, S., Suhara, T., Nishihara, H. Integrated-optic focal-spot intensity modulator using electrooptic polymer waveguide 94181
Oh, M.S. *see* Lee, J.W. 79853
Oh, S., Marks, R.J., II Alternating projection onto fuzzy convex sets 51561
Oh, S., Marks, R.J., II, Atlas, L.E. Kernel synthesis for generalized time-frequency distributions using the method of alternating projections onto convex sets 74070
Oh, S.H. *see* Cheah, K.L. 65163
Oh, S.W. *see* Ungar, J.E. 94500
Oh, T.B. *see* Liang, Y.C. 80132
Oh, Y., Sarabandi, K., Ulaby, F.T. An empirical model for phase difference statistics of rough surfaces 77675
Oh, Y. *see* Dobson, M.C. 77303
Oh, Y. *see* Sarabandi, K. 88860
Oh, Y.S. *see* Kang, C.E. 74062
Oh, Y.T., Byun, S.C., Lee, B.R., Kang, T.W., Hong, C.Y., Park, S.B., Lee, H.K., Kim, T.W. Diminution of the surface states on GaAs by a sulfur treatment 81476
Oh Bong-Hwan *see* Bong-Hwan Oh
Oh Cha Hwan *see* Cha Hwan Oh
Oh Choong Gun *see* Choong Gun Oh
Oh Chuldong *see* Chuldong Oh
Oh Dae Kon *see* Dae Kon Oh
Oh Eui Yeol *see* Eui Yeol Oh
Oh Hak Tae *see* Hak Tae Oh
Oh Ho-Seok *see* Ho-Seok Oh
Oh Hye-Keun *see* Hye-Keun Oh
Oh Jae Eung *see* Jae Eung Oh
Oh Jeong Soo *see* Jeong Soo Oh
Oh Jinsung *see* Jinsung Oh
Oh Jong-Hwan *see* Jong-Hwan Oh
Oh Ki Jang *see* Ki Jang Oh
Oh Kun Chang *see* Kun Chang Oh
Oh Kyong Kwon *see* Efland, T. 61660
Oh Kyung Suk *see* Kyung Suk Oh
Oh Kyunghwan *see* Kyunghwan Oh
Oh Min-Cheol *see* Min-Cheol Oh
Oh Myeong-soo *see* Myeong-soo Oh
Oh Myung Hwan *see* Myung Hwan Oh
Oh Se-Young *see* Se-Young Oh
Oh Seajin *see* Seajin Oh
Oh Soo-Young *see* Soo-Young Oh
Oh Sung Jun *see* Sung Jun Oh
Oh Won Seok *see* Won Seok Oh
Oh Yong-Ho *see* Yong-Ho Oh
Oh Young Suk *see* Young Suk Oh
Oh-Hashi Yoshimasa *see* Yoshimasa Oh-Hashi
Oh-Ishi, T. *see* Take, K. 97125
Oh-Joon Kwon *see* Hyung-Ho Park 93184
Oh-Kyu Kwon, Goodwin, G.C., Kwon, W.H. Robust fault detection method accounting for modelling errors in uncertain systems 69656
O'Hagan, S., Missous, M. Effect of As_4/Ga flux ratio on electrical and optical properties of low-temperature GaAs grown by molecular beam epitaxy 69974
O'Hair, J.R., Suter, B.W. Eliminating distortion in the Beylkin-Coifman-Rokhlin transform 84280
O'Hallaron, D. *see* Stichnoth, J.M. 51810
O'Handley, R.C. *see* Copeland, R.L. 87066
Ohanessian, H. *see* Gonnard, P. 56130
Ohanessian, H. *see* Gonnard, P. 56173
O'Hanlon, J.F. Ultrahigh vacuum in the semiconductor industry 93107
O'Hanlon, J.F. *see* Carlile, R.N. 71395
O'Hanlon, J.F. *see* Collins, S.M. 93218
O'Hara, A. *see* Underwood, I. 56444
O'Hara, J.J. *see* Barasa, W.A. 89437
Ohara, K., Hirahara, T. Evaluation of auditory front-ends in DTW word recognition system 95281
Ohara, K. *see* Kuroki, H. 49969
Ohara, K. *see* Markandey, V. 86686
O'Hara, M. DC-DC converters for 3V logic 55109
Ohara, M., Kobayashi, T., Kanamoto, J., Oota, Y., Morisaki, S., Obuchi, S. New type safing sensor [mechanical crash sensor] 58660
Ohara, S. *see* Takezawa, Y. 50520
Ohara, Y., Hanada, M., Inoue, T., Maeno, S., Miyamoto, K., Mizuno, M., Okumura, Y., Tanaka, M., Watanabe, K. Development of high power negative-ion sources for fusion research at JAERI 53179
Ohara, Y., Miyayama, M., Koumoto, K., Yanagida, H. PZT-polymer composites fabricated with YAG laser cutter 50125
Ohara, Y., Shiwa, M., Yanagida, H., Kishi, T. Design for AE transducer by 1-3 piezoelectric composite 61442
Ohara, Y. *see* Higashida, M. 52078
Ohashi, H. *see* Matsushita, K. 55971
Ohashi, H. *see* Shinohe, T. 55937
Ohashi, H. *see* Yahata, A. 55848
Ohashi, K. Magnetization dynamics in thin film heads 72085
Ohashi, K. *see* Honshima, M. 82254
Ohashi, M., Takyu, C., Taniguchi, H., Ito, H. Consideration of ferroelectric periodic domain inversion by electron beam writing in optical nonlinear crystal 73119
Ohashi, M. *see* Tajima, K. 50442
Ohashi, M. *see* Takahashi, H. 94637
Ohashi, T. *see* Onodera, T. 86082
Ohashi, T. *see* Toyoshima, M. 98379
Ohashi, T. *see* Yakoh, H. 86084
Ohashi, T. *see* Zaima, E. 53826
Ohashi, Y. *see* Saito, T. 80786
Ohata, T. *see* Itoh, S. 56759
Ohata, T. *see* Itoh, S. 72879
Ohata, T. *see* Kondo, K. 83123
Ohata, T. *see* Nakayama, N. 50851
Ohata, T. *see* Ozawa, M. 72841
Ohayashi, M. *see* Nambu, H. 70537
Ohayashi, M. *see* Tamba, N. 92241
Ohba, E. *see* Yamashita, H. 97663
Ohba, K. *see* Shoji, T. 88268
Ohba, K. *see* Shoji, T. 98562
Ohba, M. *see* Noda, Y. 61222
Ohba, R., Tamanoi, Y., Ohtsuka, T., Komatsu, M., Maeda, T. Machine diagnosis by acoustic signal processing 86997
Ohba, R. *see* Kakuma, S. 94453
Ohba, R. *see* Mori, K. 56949
Ohba, T. *see* Ikeda, O. 64867
Ohba, T. *see* Suzuki, T. 62553
Ohba, Y., Hatano, A. H-atom incorporation in Mg-doped GaN grown by metalorganic chemical vapor deposition 91610
Ohba, Y., Murata, M., Miyahara, H. Analysis of dynamic bandwidth control for LAN interconnection through ATM networks 52120
Ohba, Y. *see* Otsuji, K. 52734
Ohba, Y. *see* Sakamoto, N. 64939
Ohbayashi, S., Shiomi, T., Matsuo, R., Sumi, T., Honda, H., Ishigaki, Y., Uga, K., Ishida, M., Kohno, Y. A 5 ns 32 K×8/×9 bi-CMOS TTL SRAM with alternated bit line load architecture 92211
Ohbayashi, S. *see* Ishigaki, Y. 71826
Ohbayashi, Y. *see* Aoshima, S. 94419
Ohbo, M. *see* Orihara, K. 66047
Ohbu, I. *see* Ho, S. 49757
Ohbu, I. *see* Ohkura, Y. 62190
Ohbuchi, K., Koshiba, M. Finite-element analysis of SAW reflection from a metallic grating with an arbitrary angle of incidence 63121
Ohdachi, Y., Kawase, Y., Tainaka, T., Yamaguchi, T. Load characteristics analysis of coupling transformer using 3-D finite element method with edge elements 90069
Ohde, N. *see* Yoshino, T. 52906
Ohdomari, I. *see* Koh, M. 71682
Ohdomari, I. *see* Koh, M. 91110
Ohdomari, I. *see* Matsukawa, T. 61711
Ohe, A. *see* Kiyono, S. 87504
Ohe, K. *see* Shimizu, N. 63018
Ohfuji, T., Aizaki, N. 0.15 μm ArF excimer laser lithography using top surface imaging with high contrast silylation agent B(DMA)DS 71451
Ohfuji, T., Nalamasu, O., Stone, D.R. Simulation analysis of a chemically amplified positive resist for KrF lithograph 49931
Ohfuji, T. *see* Yoshino, H. 81633
Ohga, H. *see* Tanaka, Y. 88627
Ohga, J. *see* Fujii, K. 64405
Ohga, J. *see* Ohta, Y. 85555
Ohga, S. *see* Yoshida, Y. 52795
Ohgaki, H., Ikeda, Y., Takeda, H. A study of modeling of motorized wheelchairs 78652
Ohgaki, H., Sugiyama, S., Noguchi, T., Yamazaki, T., Mikado, T., Chiwaki, M., Yamada, K., Suzuki, R. CsI(Tl) yield monitor for quasi-monochromatic photons from Compton backscattering of laser light at ETL 87963
Ohgaki, H. *see* Yamazaki, T. 94544
Ohgaki, K. *see* Matsuda, T. 89356
Ohgane, S. *see* Kawanago, S. 96912
Ohgane, T. Spectral efficiency improvement by base station antenna pattern control for land mobile cellular systems 65707
Ohgane, T. Spectral efficiency improvement by base station antenna pattern control for land mobile cellular systems 86234
Ohgane, T. *see* Mizuno, M. 86103
Ohguchi, O. *see* Shimada, J. 72535
Ohguchi, O. *see* Shimada, J. 97981
Ohguchi, O. *see* Shimada, J.-I. 72880

Ohguchi, Y. *see* Michinaka, T. 53365
Ohguro, T., Yamada, K., Sugiyama, N., Usuda, K., Akasaka, Y., Yoshitomi, T., Fiegna, C., Ono, M., Saito, M., Iwai, H. Tenth micron p-MOSFET's with ultra-thin epitaxial channel layer grown by ultra-high-vacuum CVD 93405
Ohguro, T. *see* Ono, M. 71674
Ohguro, T. *see* Ono, M. 93394
Ohhashi, T. *see* Arai, I. 67900
Ohhashi, T. *see* Okamoto, K. 76265
Ohhata, K. *see* Iso, M. 99704
Ohhata, K. *see* Nambu, H. 70537
Ohhata, M. *see* Ichino, H. 52560
Ohhata, M. *see* Miyamoto, Y. 52562
Ohhira, R., Matsumoto, M., Hasegawa, A. Effect of polarization orthogonalization in wavelength division multiplexing soliton transmission system 86423
Ohhori, A., Nishida, K., Ito, Y. Development of speed-sensor unit with plastic sleeve for automobile 69171
Ohi, M., Fukumoto, A., Kunori, U., Onoda, H., Ajika, N., Hatanaka, M., Miyoshi, H. An asymmetrical offset source/drain structure for virtual ground array flash memory with DINOR operation 70507
Ohi, M. *see* Mihara, M. 92227
Ohi, M. *see* Onoda, H. 61726
Ohi, M. *see* Onoda, H. 92203
Ohida, J. *see* Ohta, M. 87398
Ohigashi, H. *see* Omote, K. 77745
Ohigashi, N., Mima, K., Tsunawaki, Y., Ishii, S., Ikeda, N., Imasaki, K., Fujita, M., Kuruma, S., Murai, A., Yamanaka, C., Nakai, S. Development of an electromagnetic helical microwiggler 53113
Ohira, F. *see* Kikuya, Y. 56363
Ohira, H. *see* Matsuda, S. 55945
Ohira, K. *see* Nakaso, N. 70181
Ohira, T. *see* Nakagawa, T. 80809
Ohishi, K., Hattori, T. Periodic changes in SiO_2/Si(111) interface structures with progress of thermal oxidation 55756
Ohishi, K. *see* Tsukamoto, O. 89785
Ohishi, M. *see* Yoneta, M. 71301
Ohishi, S. *see* Ishimoto, R. 68451
Ohishi, S. *see* Ohki, T. 68428
Ohishi, T. *see* Asakura, M. 92222
Ohishi, T. *see* Take, K. 97124
Ohishi, Y., Kanamori, T., Shimizu, M., Yamada, M., Terunuma, Y., Temmyo, J., Wada, M., Sudo, S. Praseodymium-doped fiber amplifiers at 1.3 μm 63699
Ohishi, Y., Mori, A., Kanamori, T., Fujiura, K., Sudo, S. Fabrication of praseodymium-doped arsenic sulfide chalcogenide fiber for 1.3-μm fiber amplifiers 72729
Ohishi, Y. *see* Miyatsuji, K. 92627
Ohishi, Y. *see* Yamada, M. 94410
Ohiso, Y., Kohama, Y., Kurokawa, T. Thermal interference in a 0.85 μm 8×8 two-dimensional vertical-cavity surface-emitting laser array 83111
Ohiso, Y. *see* Kohama, Y. 83050
Ohiso, Y. *see* Kohama, Y. 83094
Ohizumi, S.-i. *see* Nakamura, Y. 93567
Ohji, Y. *see* Kume, H. 61738
Ohji, Y. *see* Miki, H. 91570
Ohji, Y. *see* Uedono, A. 71358
Ohkama, H. *see* Sanada, H. 81995
Ohkawa, K., Shinozuka, T., Ikeda, S., Takahashi, Y., Shimokawa, K., Watanabe, H., Kiriyama, T., Miwa, T., Takahashi, Y., Sotozaki, Y., Sudo, M. Visual communication network for the Chugoku Electric Power Co., Inc 96428
Ohkawa, K. *see* Ishihara, T. 50793
Ohkawa, K. *see* Maehara, E. 60365
Ohkawa, M., Kim, Y.H., Ishiyama, K., Arai, K.I. Very thin silicon steel tertiary recrystallized by continuous annealing method 72042
Ohkawa, M. *see* Kim, Y.H. 71988
Ohkawa, M. *see* Kim, Y.H. 72168
Ohkawa, M. *see* Mihara, M. 92227
Ohkawa, M. *see* Miyawaki, Y. 70526
Ohkawa, M. *see* Sato, T. 56754
Ohkawa, S. *see* Miyachi, T. 87176
Ohkawa, S. *see* Miyachi, T. 87177
Ohkawa, S. *see* Omori, T. 50387
Ohkawa, S. *see* Omori, T. 80574
Ohkawa, Y. *see* Matsukawa, M. 90104
Ohkawa Masashi *see* Masashi Ohkawa
Ohke, S., Satomura, Y., Umeda, T., Cho, Y. Waveguiding characteristics of optical waveguide with claddings having negative nonlinear refractive coefficient 72362
Ohki, A. *see* Matsuoka, T. 72635
Ohki, A. *see* Ohno, T. 94499
Ohki, J. *see* Katto, J. 74497
Ohki, M., Taniguchi, N., Shiosaki, T. The effect of photo-refractively induced periodic strain grating on piezoelectric vibration in $LiNbO_3$:Fe 56158
Ohki, M., Yagi, T., Shiosaki, T. Electrical properties of piezoelectric transducers with space-periodic charge distribution and control of properties 71886
Ohki, M. *see* Shibata, H. 77741
Ohki, M. *see* Yajima, M. 74542
Ohki, N. *see* Yamanaka, T. 70510
Ohki, S., Konno, F., Ishihara, S. New acoustic feedback speaker system 75791
Ohki, S., Ozawa, A., Ohkubo, T., Okada, I. X-ray masks 81736
Ohki, S. *see* Konaka, S. 49932
Ohki, S. *see* Ozawa, A. 49881
Ohki, T., Ohishi, S., Nakayama, S., Chiba, A. Development of adaptive control system for boilers using various coal types 68428
Ohki, T., Yuri, T. Magnetic properties of hot-rolled $(Pr_{1-x}Nd_x)$-Fe-B magnets 50192
Ohki, Y., Yasufuku, S. Lightning arresters developed for 500 kV transmission lines 89368
Ohki, Y. *see* Koyama, T. 82533
Ohki, Y. *see* Seki, A. 89279
Ohki, Y. *see* Yanagawa, K. 71124
Ohkoda, T., Onaya, M., Kaneko, S., Sekiguchi, S., Imai, T., Ebara, M. Audio surround signal processor LSI using high performance BiCMOS process 86803
Ohkoshi, H. *see* Satake, K. 98147
Ohkoshi, K. *see* Saitoh, Y. 59022
Ohkouchi, S., Ikoma, N. Role of steps in GaAs heteroepitaxial growth on InAs(001) surfaces 79780
Ohkouchi, S., Ikoma, N., Tanaka, I. Scanning tunneling microscopy of argon-ion bombarded GaAs (001) surfaces 71102
Ohkouchi, S., Ikoma, N., Tanaka, I. Surface structures of InP and InAs thermally cleaned in an arsenic flux 71328
Ohkouchi, S., Tanaka, I., Ikoma, N. Scanning tunneling microscopy of initial stages of GaAs heteroepitaxy on lattice-mismatched substrates 54863
Ohkouchi, S. *see* Tamura, M. 48928
Ohkubo, K., Kubo, S., Iwase, M., Idei, H., Sato, M., Shimozuma, T., Takita, Y., Kuroda, T. Hybrid mode transmission in 62-m corrugated waveguide 92457
Ohkubo, K., Nakagawa, Y., Ohtani, F. Spectral responsivity of thermal radiation detectors with fluorescence absorption layer 98004
Ohkubo, K., Nakagawa, Y., Ohtani, F., Nakamura, H. Correlation of spectral responsivity and spectral absorptance of thermal radiation detectors 98015
Ohkubo, K., Ohtsubo, J., Izumi, N. Color modulation properties of a liquid-crystal device 82744
Ohkubo, M., Ijichi, T., Iketani, A., Kikuta, T. 980-nm aluminum-free InGaAs/InGaAsP/InGaP GRIN-SCH SL-QW lasers 63815
Ohkubo, M., Iketani, A., Ikeda, M., Ninomiya, T. Emitter material comparison between InGaP and InGaAsP in GaAs-based heterojunction bipolar transistors 71616
Ohkubo, M., Iwai, N., Ijicki, T., Ninomiya, T. Very weak dependence on temperature of 980-nm InGaAs/InGaAsP/InGaP lasers 94523
Ohkubo, M. *see* Hashimoto, A. 62454
Ohkubo, M. *see* Kasukawa, A. 72843
Ohkubo, M. *see* Nakamura, K. 81510
Ohkubo, M. *see* Sawamura, M. 50881
Ohkubo, M. *see* Takao, M. 50882
Ohkubo, M. *see* Yamamoto, A. 100448
Ohkubo, N., Itoh, K., Kanematsu, K. Magnetic properties of R_2T_{17}-type compounds $Dy_2Fe_{17-x-y}Al_y$ with iron deficiency 71956
Ohkubo, N. *see* Itoh, K. 63165
Ohkubo, S. Combined technologies assure stable characteristics in reliable thermistors 70940
Ohkubo, T., Kanazawa, S., Nomoto, Y., Jen-Shih Chang, Adachi, T. NO_x removal by a pipe with nozzle-plate electrode corona discharge system 78437
Ohkubo, T., Kishigami, J., Yanagisawa, K., Kaneko, R. Reduced-area magnetic bit recording and detection using magnetic force microscopy based on application of bidirectional magnetomotive force 50371
Ohkubo, T. *see* Kanazawa, S. 64108
Ohkubo, T. *see* Nomoto, Y. 62131
Ohkubo, T. *see* Ohki, S. 81736
Ohkubo, T. *see* Sato, M. 67769
Ohkuma, H. *see* Kudo, H. 67212
Ohkuni, M., Kubota, M., Nakayama, I., Eriguchi, K., Tamaki, T., Harafuji, K., Nomura, N., Sivaram, S. Lissajous electron plasma etching for sub-half micron LSI 71378
Ohkuni, M. *see* Tamaki, T. 93264
Ohkura, H. *see* Kobayashi, T. 54941
Ohkura, K., Rainton, D., Sugiyama, M. Noise-robust HMMs based on minimum error classification 73849
Ohkura, K. *see* Kawate, K. 82831
Ohkura, K. *see* Kita, K. 51387
Ohkura, M. *see* Yugami, J. 62924
Ohkura, Y., Mizuta, H., Ohbu, I., Kagaya, O., Katayama, K., Ihara, S. The electron mobility transition in n-GaAs heavily doped channels 62190
Ohkura, Y. *see* Ohtsuka, H. 100758
Ohl, D.A. *see* Gardner, E.A. 98772
Ohlander, U. *see* Streubel, K. 83155
Ohlander, U. *see* Varga, D. 56812
Ohlmacher, T.M. *see* Lavely, L.L. 89645
Ohlsen, H. *see* Hedstrom, J. 100487
Ohlsen, H. *see* Kiss, L.B. 56235
Ohlsen, R.A. *see* Gray, R.M. 95178
Ohlsson, J. *see* Rimen, M. 70576
Ohly, M. *see* Kleinholz, L. 58239
Ohm, A.E. *see* Bagayev, S.N. 86876
Ohm, A.E. *see* Bagayev, S.N. 86882
Ohm, J.-R. Three-dimensional subband coding with motion compensation 84768
Ohm, S.Y., Kurdahi, F.J., Dutt, N. Comprehensive lower bound estimation from behavioral descriptions 91819
Ohmae, H. *see* Takahashi, J. 61757
Ohmae, T., Nakamura, K. Hitachi's role in the area of power electronics for transportation 90615
Ohmaki, K. *see* Sugawara, Y. 96660
Ohmi, K., Inoue, S., Tanaka, S., Kobayashi, H. Relaxation of phosphor field in SrS:Ce thin film electroluminescent devices 63568
Ohmi, K., Nakamura, K., Futatsuki, T., Ohmi, T. Hydrogen-radical-balanced steam oxidation for growing ultra-thin high-reliability gate oxide films 71357
Ohmi, K., Tanaka, S., Kobayashi, H., Nire, T. Y_2O_2S:Tb phosphor thin films grown by multisource deposition and their luminescent properties 63563
Ohmi, K., Yamano, Y., Lee, S.T., Ueda, T., Tanaka, S., Kobayashi, H. Growth and characterization of SrS/ZnS multilayered electroluminescent thin films grown by hot wall technique 70143
Ohmi, K. *see* Nire, T. 63584
Ohmi, M., Akatsuka, M., Ishikawa, K., Naito, K., Yonezawa, Y., Yamanaka, M., Izawa, Y., Nakai, S. Mechanical-stress induced Nd:YAG active quarter-wave plate 94436
Ohmi, M., Naito, K., Ishikawa, K., Akatsuka, M., Sato, T., Yamanaka, M., Nakatsuka, M., Nakai, S. Parametric studies on the laser-diode-pumped, thermal-lensing-compensated, mode-locked, Q-switched Nd:YAG laser 63685
Ohmi, S., Tsutsui, K., Furukawa, S. Study of epitaxial growth of rotational-twin-free CaF_2 films on Si(111) 48914
Ohmi, T., Nakamura, K., Makihara, K. Highly-reliable ultra-thin oxide formation using hydrogen-radical-balanced steam oxidation technology 62460
Ohmi, T., Shibata, T. Advanced scientific semiconductor processing based on high-precision controlled low-energy ion bombardment 49918
Ohmi, T., Shibata, T. The concept of four-terminal devices and its significance in the implementation of intelligent integrated circuits 82088
Ohmi, T. *see* Au, R. 92453
Ohmi, T. *see* Hirayama, M. 61240
Ohmi, T. *see* Inaba, H. 64068
Ohmi, T. *see* Ishii, H. 61858
Ohmi, T. *see* Kawai, Y. 49888
Ohmi, T. *see* Kosaka, H. 92446
Ohmi, T. *see* Kotani, K. 61663
Ohmi, T. *see* Morita, M. 71707
Ohmi, T. *see* Ohmi, K. 71357
Ohmi, T. *see* Shimada, H. 81678
Ohmi, T. *see* Shimada, H. 81728
Ohmi, T. *see* Yamada, H. 93257
Ohmi, T. *see* Yamada, K. 62534
Ohmi, T. *see* Yamada, K. 71434
Ohmiya, M., Kawabata, T., Ogawa, Y., Itoh, K. Multipath suppression performance of an adaptive array antenna with a systolic array processor 64478
Ohmiya, M. *see* Purwanto, Y. 94973
Ohmori, C. *see* Blinov, B.B. 87861
Ohmori, C. *see* Wang, T. 87918
Ohmori, H. *see* Ikata, O. 96878
Ohmori, H. *see* Katori, K. 72135
Ohmori, H. *see* Sugiyama, Y. 50258
Ohmori, K., Nakagawa, K., Itoh, A. Wavelength dependence of photomagnetic effect in Co-doped magnetic garnet films 72071
Ohmori, K. *see* Ohtsuchi, T. 88441
Ohmori, M., Matsumoto, K. Enhancement of coercivity in Co modified γ-Fe_2O_3 particles by adsorption of ions 72078
Ohmori, M. *see* Ikeda, E. 60480
Ohmori, M. *see* Takamoto, T. 100444
Ohmori, S. *see* Isobe, S. 75356
Ohmori, S. *see* Naito, H. 80148
Ohmori, S. *see* Tamba, N. 92241
Ohmori, S. *see* Yamamoto, S. 97126
Ohmori, Y., Fujita, H., Mitsuhashi, T. A spatial vector controlled inverter for induction motor drive without speed sensor 90548
Ohmori, Y., Morishima, C., Fujii, A., Yoshino, K. Electrical and optical properties of organic thin film multilayer structure and its application for electroluminescent diode 72575
Ohmori, Y., Uchida, M., Muro, K., Morishima, C., Yoshino, K. Schottky gated field effect transistors and visible electroluminescent diodes utilizing poly(3-alkylthiophene)s 56015
Ohmori, Y., Yoshida, M., Morishima, C., Fujii, A., Yoshino, K. Unique dynamic characteristics of electroluminescent diode with superlattice structure utilizing cyclopentadiene derivative and aromatic diamine 94279
Ohmori, Y. *see* Fujii, A. 94280
Ohmori, Y. *see* Hattori, K. 56410
Ohmori, Y. *see* Hattori, K. 72971
Ohmori, Y. *see* Inoue, Y. 56403

Ohmori, Y. *see* Kitagawa, T. 50768
Ohmori, Y. *see* Morishima, C. 94278
Ohmori, Y. *see* Okuno, M. 97252
Ohmori, Y. *see* Onoda, M. 72620
Ohmori, Y. *see* Suzuki, S. 50550
Ohmoto, R., Shimizu, T., Ohtsuka, H. Dynamic range improvement techniques for fiber-optic microcell radio systems 75246
Ohmoto, T. *see* Ohsugi, T. 59069
Ohmoto, T. *see* Unno, Y. 98558
Ohmukai, R. *see* Hayasaka, K. 56873
Ohmukai, R. *see* Urabe, S. 86940
Ohmukai, R. *see* Watanabe, M. 56864
Ohmukai, R. *see* Watanabe, M. 56874
Ohmura, H. *see* Nakazawa, H. 96581
Ohmura, M., Okumura, K., Ohtaka, T., Shimomoto, Y., Oba, K. Fixed pattern noise free IR vidicon for NFP method 97269
Ohmura, M. *see* Deki, H. 100596
Ohmura, M. *see* Yamamoto, K. 59130
Ohmura, M. *see* Yamamoto, K. 59131
Ohmura, Y. Pressure dependence of resistivity in p-type germanium 49759
Ohmuro, H., Moriya, T., Mano, K., Miki, S. Vector quantization of LSP parameters using moving average interframe prediction 51369
Ohmuro, H. *see* Miki, S. 51425
Ohmuro, H. *see* Miki, S. 57417
Ohmuro, H. *see* Moriya, T. 51420
Ohn, M. *see* Measures, R.M. 52888
Ohn, M. *see* Measures, R.M. 98069
Ohn, M.M. *see* Alavie, A.T. 52923
Ohn, M.M. *see* Alavie, A.T. 98057
Ohnaka, K. *see* Kamiyama, S. 63759
Ohnaka, K. *see* Kamiyama, S. 72821
Ohnaka, K. *see* Kamiyama, S. 72854
Ohnaka, K. *see* Kamiyama, S. 94505
Ohnaka, K. *see* Kidoguchi, I. 63861
Ohnaka, K. *see* Kidoguchi, I. 72847
Ohnaka, K. *see* Mannoh, M. 63860
Ohnemus, K.R., Mallin, D.F. Implementing on-line methods and procedures in a distributed client/server graphical user interface environment 96694
Ohnesorge, K.W., Bichsel, M. Fast adaptive arithmetic coding 64268
Ohnesorge, K.W., Stucki, P., Bichsel, M. Higher order Markov models: An effective approach to lossless image compression 74527
Ohnesorge, K.W. *see* Sennhauser, R. 64683
Ohnheiser, R. *see* Moser, O. 76190
Ohnishi, H., Yokoyama, H., Yoneyama, T., Aoyagi, M., Akutsu, Y., Kanoi, M., Iwashita, I., Haga, H., Nakamura, M. Insulation deterioration monitoring system for ungrounded power distribution systems 68221
Ohnishi, H. *see* Wakita, N. 72464
Ohnishi, H. *see* Yokoyama, N. 70457
Ohnishi, K., Matsui, N., Hori, Y. Estimation, identification, and sensorless control in motion control system 90490
Ohnishi, K. *see* Godler, I. 89786
Ohnishi, K. *see* Godler, I. 100165
Ohnishi, K. *see* Kaneko, K. 78643
Ohnishi, K. *see* Satoh, A. 93767
Ohnishi, M., Inaba, N. A singular bifurcation into instant chaos in a piecewise-linear circuit 70265
Ohnishi, M., Ishibashi, T., Aoki, M., Ishimoto, C. Gas sensitivity of modified surfaces of a surface acoustic wave device by chemical adsorption technique and Langmuir-Blodgett technique 93859
Ohnishi, M., Ishimoto, C., Aoki, M. Fundamental properties and characteristics of a gas-sensitive device, made of a surface acoustic wave device and Langmuir-Blodgett film, used in a recognition system for odoriferous gases 98165
Ohnishi, M. *see* Asaoka, K. 100600
Ohnishi, M. *see* Hasegawa, K. 78797
Ohnishi, M. *see* Nishikuni, M. 78812
Ohnishi, M. *see* Tsujino, N. 100023
Ohnishi, N. *see* Jie Huang 99318
Ohnishi, O. *see* Ushigome, M. 62029
Ohnishi, O. *see* Zaitsu, T. 49134
Ohnishi, O. *see* Zaitsu, T. 100296
Ohnishi, R. *see* Hirai, K. 61594
Ohnishi, S. *see* Kawamura, A. 70508
Ohnishi, S. *see* Watanabe, A. 70499
Ohnishi, S. *see* Watanabe, H. 61719
Ohnishi, T. *see* Fujiwara, T. 72248
Ohnishi, T. *see* Hinga, P.K. 100008
Ohnishi, T. *see* Iwamura, E. 91635
Ohnishi, T. *see* Kawasaki, K. 100028
Ohnishi, T. *see* Maeda, T. 99457
Ohnishi, T. *see* Matsuo, H. 68269
Ohnishi, T. *see* Minamoto, Y. 100271
Ohnishi, T. *see* Rojas, R. 100326
Ohno, A. *see* Usui, R. 76032
Ohno, H. Minimum light power for optical interconnection in integrated circuits 56586
Ohno, H., Katsuta, G., Sakaguchi, R., Ebinuma, Y., Sakai, N., Nagaoka, A. Development of a partial discharge location method for power cables 78122
Ohno, H. *see* Goto, S. 79782
Ohno, H. *see* Hasegawa, K. 54692
Ohno, H. *see* Matsuo, H. 68269
Ohno, H. *see* Sayama, H. 49414
Ohno, H. *see* Shimonaga, H. 75752
Ohno, J. *see* Hiruta, Y. 93682
Ohno, K., Abe, T. The synthesis and particle growth mechanism of bright green phosphor YAG:Tb 56527
Ohno, K., Kouyama, T., Tsuji, M., Nakamura, M., Izutsu, M. Fabrication and characterization of traveling-wave optical modulators of $LiNbO_3$ thin film waveguides grown by liquid phase epitaxy 72455
Ohno, K., Saito, T., Shinagawa, K., Tsushima, T. Carbon content dependence of the spin reorientation in $Er_2Fe_{17}C_x$ 50208
Ohno, K. *see* Kondo, Y. 50529
Ohno, K. *see* Shibuki, M. 52706
Ohno, M. *see* Kawazu, Y. 70545
Ohno, M. *see* Kondo, K. 51414
Ohno, N., Yoshioka, K., Sato, K. Development of 100-fiber optical submarine cable 52474
Ohno, S., Fujisaki, H., Hirose, K. A method for efficient DP matching in spoken word recognition 95358
Ohno, S., Hirose, K., Fujasaki, H. Utterance normalization using vowel features in a spoken word recognition system for multiple speakers 84095
Ohno, S., Sakai, H. Maximum likelihood estimate of TDOA for cyclostationary signals 95511
Ohno, S. *see* Kusuda, Y. 63613
Ohno, S. *see* Sakai, H. 84290
Ohno, T. Site exchange mechanism in surfactant-mediated epitaxial growth 70024
Ohno, T., Kado, U., Harada, M., Tsuchiya, T. A high-performance ultra-thin quarter-micron CMOS/SIMOX technology 71796
Ohno, T., Kawaguchi, Y., Ohki, A., Matsuoka, T. ZnCdSe/ZnSe quantum-well laser diode on a (711)A GaAs substrate 94499
Ohno, T. *see* Fuda, Y. 50164
Ohno, T. *see* Gupta, A. 61357
Ohno, T. *see* Kado, Y. 91955
Ohno, T. *see* Kageshimi, H. 81469
Ohno, T. *see* Matsumoto, S. 55990
Ohno, T. *see* Matsuoka, T. 72635
Ohno, T. *see* Tsuchiya, T. 62776
Ohno, V. *see* Mizuno, A. 64084
Ohno, Y. A new bulk negative differential conductance mechanism with multiple steady states 62137
Ohno, Y., Hisaki, Y., Nadai, A., Kuroiwa, H., Tokuda, M. Analysis of ocean current obtained by two-site HF ocean radar 77456
Ohno, Y., Horikawa, T., Shinkawata, H., Kashihara, K., Kuroiwa, T., Okudaira, T.,, Hashizume, Y., Fukumoto, K., Eimori, T., Shibano, T., Arimoto, K., Itoh, H., Nishimura, T., Miyoshi, H. A memory cell capacitor with $Ba_xSr_{1-x}TiO_3$ (BST) film for advanced DRAMs 70487
Ohno, Y., Kimura, H., Sonoda, K., Nishimura, T., Satoh, S., Sayama, H., Hara, S., Takai, M., Miyoshi, H. Soft-error study of DRAMs with retrograde well structure by new evaluation method 49437
Ohno, Y., Sakaki, H., Tsuchiya, M. Quenching of resonance-induced resistance in double-quantum wells in the presence of in-plane magnetic fields 55613
Ohno, Y. *see* Asakura, M. 92222
Ohno, Y. *see* Asakura, M. 92235
Ohno, Y. *see* Eimori, T. 92192
Ohno, Y. *see* Haruyama, J. 93495
Ohno, Y. *see* Hida, H. 63026
Ohno, Y. *see* Horikawa, T. 49436
Ohno, Y. *see* Ikeda, O. 64867
Ohno, Y. *see* Morihara, T. 82009
Ohno, Y. *see* Sayama, H. 61736
Ohno, Y. *see* Terai, H. 92251
Ohnodki, N. *see* Mukaihara, T. 94444
Ohnoki, N. *see* Mukaihara, T. 50569
Ohnsorge, H., Eisele, H., Hildebrand, O., Losch, K., Stahl, B. Evolution of core technologies for telecommunications 96422
Ohnsorge, S. *see* Altmeyer, J. 91851
Ohnstad, T.M. *see* Fikke, S.M. 89344
Ohnstein, T.R. *see* Akinwande, A.I. 62084
Ohnuki, K. *see* Itoh, K. 58258
Ohnuki, S. *see* Awano, H. 72119
Ohnuki, S. *see* Hu, X. 50608
Ohnuki, S. *see* Song, J. 51094
Ohnuki, T. *see* Miyashita, O. 61533
Ohnuma, S. *see* Xiu, L. 76419
Oho, S. *see* Kumagai, T. 76034
Ohoka, T., Yoshitake, T., Kikuchi, H., Okonogi, K. A wafer bonded SOI structure for intelligent power ICs 56084
Ohori, T., Suehiro, H., Kasai, K., Komeno, J. Warp reduction of high-electron-mobility-transistor on Si wafer by In-doped selectively doped heterostructure and strained-layer superlattice buffer layer 81934
Ohotoshi, K. *see* Yamazaki, Y. 81739
Ohoyu, K. *see* Horiuchi, M. 93020
Ohrn, K., Ahlen, A., Sternad, M. A probabilistic approach to multivariable robust filtering prediction and smoothing 84234
Ohrui, K. *see* Homma, T. 72038
Ohsaki, H. *see* Maehara, E. 60365
Ohsaki, K., Asamoto, N., Takagaki, S. A single poly EEPROM cell structure for use in standard CMOS processes 49418
Ohsaki, K. *see* Fujita, K. 61237
Ohsaki, K. *see* Shibata, M. 52670
Ohsaki, R., Asamoto, N. A planar type EEPROM cell structure by standard CMOS process and applications 70506
Ohsaki, Y., Nakamura, K. A data processing to reduce the errors of rainfall rate measured with spaceborne radar 77366
Ohsaki, Y. *see* Hanado, H. 77386
Ohsato, H. *see* Kung, P. 54876
Ohsato, H. *see* Sun, C.J. 48948
Ohsato, H. *see* Sun, C.J. 69976
Ohsato, M.H., Inarida, S., Yamada, T., Shimizu, T., Kimura, G., Kanaoka, T. New type of ballast for HID lamps using single-ended resonant-type inverter circuit 100339
Ohsawa, A. *see* Fukuda, T. 69921
Ohsawa, H. *see* Sang-Jin Jung 58869
Ohsawa, J. *see* Tsuchida, N. 60238
Ohsawa, K. *see* Miura, N. 57701
Ohsawa, M. *see* Fujikake, S. 100598
Ohsawa, S., Abe, I., Anami, S., Ghoi, J.-Y., Enomoto, A., Furukawa, K., Nanaki, H., Kakihara, K., Kamikubota, N., Kamitani, T., Kobayashi, H., Ogawa, Y., Oogoe, T., Sato, I., Suwada, T., Yamazaki, Y., Yokota, M., Asami, A. New pre-injector of the KEK 2.5-GeV linac and its performance 76312
Ohsawa, S., Nakamura, N., Matsunaga, Y. A random noise reduction cell for the photoconversion layer overlaid CCD image sensors 98093
Ohsawa, S. *see* Iida, O. 98027
Ohsawa, S. *see* Iwasaki, S. 96929
Ohsawa, S. *see* Kamitani, T. 87822
Ohsawa, S. *see* Kumai, W. 53751
Ohsawa, S. *see* Ogawa, Y. 76617
Ohsawa, S. *see* Yamashita, H. 97663
Ohsawa, T. Mobile computing and communication 85793
Ohsawa, T. *see* Fukuda, Y. 81516
Ohsawa, T. *see* Hashimoto, K. 53333
Ohsawa, T. *see* Kachi, S. 96645
Ohsawa, T. *see* Reichert, F. 86151
Ohsawa, Y., Kanemitsu, T., Kawakami, T., Shintaku, M., Arai, K. Power system stabilizing control by superconducting magnetic energy storage using neural network 53666
Ohsawa, Y. *see* Endo, K. 100346
Ohsawa, Y. *see* Kawakita, Y. 89082
Ohsawa, Y. *see* Kobayashi, K. 95737
Ohsawa, Y. *see* Mitsui, H. 76464
Ohse, H. *see* Hashimoto, Y. 92706
Ohshika, J. *see* Konashi, K. 49746
Ohshima, A. *see* Matsuzawa, H. 63330
Ohshima, H. *see* Mukaiyama, Y. 99706
Ohshima, H. *see* Tokuda, Y. 81203
Ohshima, H. *see* Yudasaka, I. 55954
Ohshima, I. *see* Oyama, M. 68912
Ohshima, K., Uekusa, T., Ishizawa, M., Kameyama, T. Technology for supplying and utilizing fuel cell heat energy 54268
Ohshima, K. *see* Yamane, S. 69271
Ohshima, M. Current error tracking mode AC current waveform control method for single phase self commutated voltage source power converters 55131
Ohshima, M., Harada, E., Takayama, K., Kurosawa, A. Analysis of operation of power conditioning systems for power storage systems 99422
Ohshima, S., Furuyama, T. High speed DRAMs with innovative architectures 92206
Ohshima, S. *see* Arai, K. 82513
Ohshima, S. *see* Motto, E.R. 69065
Ohshima, S. *see* Okuyama, K. 76102
Ohshima, S. *see* Schnatz, H. 86824
Ohshima, S. *see* Taketomi, A. 98291
Ohshima, T. *see* Shibata, S. 98487
Ohshima, Y. *see* Atsumi, S. 49426
Ohshima, Y. *see* Umezawa, A. 70562
Ohshima, Y. *see* Yamada, S. 92187
Ohshima, Y. *see* Yoshikawa, K. 61725
Ohshiro, T. *see* Yasuda, K. 53452
Ohshiro, Y. *see* Kitagawa, A. 53159
Ohshita, A. *see* Hata, K. 92870
Ohshka, T.K. *see* Kurashige, H. 98665
Ohska, T.K., Sasaki, O., Murakami, T., Doi, M., Seino, M. A low temperature coefficient optomodulator for analog signals transmission 66159
Ohsugi, T., Iwata, Y., Ohyama, H., Okada, M., Ohmoto, T., Unno, Y., Kohriki, T., Tamura, N., Miyata, H., Higuchi, M., Niwa, K., Nakamura, M., Nagashima, Y., Daigo, M., Murakami, A., Kobayashi, S., Yamamoto, K., Yamamura, K., Muramaatsu, Y. Prototype double-sided silicon sensor (DSSS) for SDC detector 59069
Ohsugi, T. *see* Barberis, E. 59063
Ohsugi, T. *see* Barberis, E. 88104
Ohsugi, T. *see* Barberis, E. 98609
Ohsugi, T. *see* Unno, Y. 98558
Ohsumi, H. *see* Ejiri, H. 59215
Ohsumi, K. *see* Yasuami, S. 71411
Ohsumi, M. *see* Amagai, M. 60962
Ohsumi, M. *see* Tsujino, N. 100023
Ohsumi, S. *see* Fukushima, T. 97990
Ohsumi, T. *see* Lund, P.C. 88835
Ohta, A., Okada, K. Study on protocols to accommodate ATM cells in satellite TDMA links 96240
Ohta, A. *see* Higashisaka, N. 75162

Ohta, C., Tode, H., Yamamoto, M., Okada, H. Analysis of a discrete-time finite-buffer single server queue with correlation in both arrival process and service process 96200
Ohta, C. *see* Kamiyama, N. 64987
Ohta, E. *see* Ohyama, M. 63607
Ohta, H. *see* Kanie, H. 69993
Ohta, H. *see* Kidoguchi, I. 63861
Ohta, H. *see* Mannoh, M. 63860
Ohta, H. *see* Matsui, T. 97754
Ohta, H. *see* Ohuchi, S. 79489
Ohta, I. *see* Kawai, T. 71009
Ohta, I. *see* Kawai, T. 80601
Ohta, J., Nitta, Y., Kyuma, K. Optoelectronic neural networks 82762
Ohta, J., Sharpe, J., Johnson, K. An optoelectronic feature extractor for classification of fingerprints 56578
Ohta, J., Sharpe, J., Johnson, K. An optoelectronic smart detector array for the classification of fingerprints 95880
Ohta, J. *see* Hara, K. 72658
Ohta, J. *see* Nitta, Y. 72522
Ohta, K., Matsui, M. Differential attack on message authentication codes 73757
Ohta, K., Shimizu, A., Hayakawa, M., Shimakura, S. Very low latitude whistlers with effect of the Earth-ionosphere waveguide propagation 94824
Ohta, K. *see* Baba, K. 83649
Ohta, K. *see* Hayakawa, M. 64141
Ohta, K. *see* Murakawa, T. 89636
Ohta, K. *see* Takahashi, A. 72297
Ohta, K. *see* Takarabe, K. 81795
Ohta, M., Tsumura, M., Ohwada, J., Ohida, J. Development of a simulation technique for TFT-LCD 87398
Ohta, M. *see* Hagiya, N. 85377
Ohta, M. *see* Katto, J. 74497
Ohta, M. *see* Lo, A.W.F. 64088
Ohta, M. *see* Nakamura, Y. 93567
Ohta, M. *see* Nogaki, S. 75739
Ohta, M. *see* Orii, S. 71522
Ohta, N., Nakada, H., Yamada, K., Tsutsui, A., Miyazaki, T. PROTEUS: programmable hardware for telecommunication systems 92029
Ohta, N. *see* Awano, H. 72119
Ohta, N. *see* Honma, S. 50374
Ohta, N. *see* Hu, X. 50608
Ohta, S. *see* Ishii, O. 71965
Ohta, T., Kumar, R., Yamashita, Y., Hoga, H. High temperature deposition of SiN films using low pressure chemical vapor deposition system for X-ray mask application 55840
Ohta, T. *see* Harada, Y. 96409
Ohta, T. *see* Hardjono, T. 65305
Ohta, T. *see* Hardjono, T. 74852
Ohta, T. *see* Ikeuchi, H. 71692
Ohta, T. *see* Kawata, K. 65138
Ohta, T. *see* Kondoh, E. 93259
Ohta, T. *see* Takami, K. 51930
Ohta, T. *see* Takura, A. 74876
Ohta, T. *see* Yasuda, H. 56619
Ohta, W. *see* Takahashi, M. 48969
Ohta, Y., Ohga, J., Nomura, Y., Kitao, M. Analysis of acoustic apparatus for telephony using acoustic circuits having four degrees of freedom 85555
Ohta, Y. *see* Fukunaga, H. 63248
Ohta, Y. *see* Hatanaka, M. 67822
Ohta, Y. *see* Mimura, H. 72630
Ohta, Y. *see* Nakagawa, K. 61977
Ohtaka, K. *see* Kawamura, A. 58904
Ohtaka, K. *see* Nara, K. 59880
Ohtaka, O., Yamanaka, T., Yagi, T. New high-pressure and -temperature phase of ZrO_2 above 1000°C at 20 GPa 48908
Ohtaka, T. *see* Mizuno, F. 79452
Ohtaka, T. *see* Ohmura, M. 97269
Ohtake, K., Tanaka, K. Pitch identification method of piano musical tone 64539
Ohtani, A., Stevens, K.S., Beresford, R. Microstructure and photoluminescence of GaN grown on Si(111) by plasma-assisted molecular beam epitaxy 69953
Ohtani, A. *see* Stevens, K.S. 54861
Ohtani, A. *see* Stevens, K.S. 70008
Ohtani, A. *see* Toyokura, M. 92281
Ohtani, F. *see* Ohkubo, K. 98004
Ohtani, F. *see* Ohkubo, K. 98015
Ohtani, M. *see* Nagata, H. 81725
Ohtani, N., Mokler, S., Mao Hai Xie, Jing Zhang, Joyce, B.A. Surface hydrogen effects on Ge surface segregation during silicon gas source molecular beam epitaxy 61246
Ohtani, N., Mokler, S.M., Xie, M.H., Zhang, J., Zhang, X., Joyce, B.A. Growth of $Si_{1-x}Ge_x$ heterostructures using gas-source molecular beam epitaxy 70004
Ohtani, N. *see* Ren, J. 62628
Ohtani, N. *see* Sanada, H. 81995
Ohtani, S. *see* Kirimura, H. 79946
Ohtani, S. *see* Maruyama, T. 82807
Ohtani, T. *see* Wadayama, T. 49922
Ohtani, T. *see* Wadayama, T. 93254
Ohtani, Y. *see* Kuriyama, T. 94009
Ohtani, Y. *see* Sawada, A. 98273
Ohtani, Y. *see* Wada, M. 53232
Ohtani, Y. *see* Wada, M. 59055
Ohtera, I., Ujiie, H., Yoneyama, T. A paraboloid antenna fed by the equiangular spiral-bent slotted waveguide 94952
Ohto, K. *see* Ueno, K. 62533
Ohtomo, A. *see* Ida, J. 71807
Ohtomo, A. *see* Kai, K. 93440
Ohtomo, M. *see* Takasu, H. 80852
Ohtomo, Y., Inoue, J., Yasuda, S., Ino, M., Nogawa, M., Matsuhiro, K. Design technologies for 0.5 μm high-speed full-custom LSI 50109
Ohtomo, Y., Yasuda, S., Togashi, M., Ino, M., Tanabe, Y., Inoue, J.-I., Nogawa, M., Hino, S. BiCMOS circuit technology for a 704 MHz ATM switch LSI 58266
Ohtori, N. *see* Tanimoto, K. 78809
Ohtsu, K. *see* Morimoto, T. 65862
Ohtsu, M. *see* Akul'shin, A.M. 83045
Ohtsu, M. *see* Kawakami, J. 56773
Ohtsu, M. *see* Musha, M. 56753
Ohtsu, M. *see* Nakagawa, K. 50789
Ohtsu, M. *see* Nakagawa, K. 72725
Ohtsu, M. *see* Nakagawa, K. 94403
Ohtsu, M. *see* Wang, W. 56756
Ohtsubo, H. *see* Kinugasa, T. 86787
Ohtsubo, J. *see* Kakiuchida, H. 83205
Ohtsubo, J. *see* Liu, Y. 83169
Ohtsubo, J. *see* Ohkubo, K. 82744
Ohtsubo, K., Takahashi, H., Ogawa, K., Kohiyama, K., Aoki, T. Development of low operating voltage 2.5th generation MUSE (HDTV) chip set 86728
Ohtsubo, K. *see* Ikeno, H. 78385
Ohtsubo, Y., Goto, H., Hashitera, S., Tajiri, K., Suzuki, K., Tadokoro, S., Takamori, T. Development of an electrostatic linear actuator by micromachining processes 100183
Ohtsuchi, T., Tsutsui, H., Ohmori, K., Baba, S. X-ray imaging sensor using CdTe crystals for dual energy X-ray absorptiometry 88441
Ohtsuji, E. *see* Miyashita, O. 61533
Ohtsuka, H., Ohkura, Y., Uematsu, T., Warabisako, T. Three-dimensional numerical analysis of contact geometry in back-contact solar cells 100758
Ohtsuka, H., Onodera, T., Kuwahara, K., Taguchi, T. Enhancement of defocus characteristics with intermediate phase interference in phase shift method 49936
Ohtsuka, H. *see* Ohmoto, R. 75246
Ohtsuka, H. *see* Uematsu, T. 100570
Ohtsuka, K., Imaizumi, M., Endoh, Y., Suita, M., Isu, T., Nunoshita, M. Electrical characterization of ZnSe epitaxial layer reactive-ion-etched by a gas mixture of ethane and hydrogen 71108
Ohtsuka, K., Taniguchi, T., Nishida, M., Kobata, W. Optimization of utility energy system operations at a paper and pulp manufacturing plant 60651
Ohtsuka, K. *see* Baba, S. 85669
Ohtsuka, K. *see* Imaizumi, M. 69985
Ohtsuka, K. *see* Nishida, M. 77260
Ohtsuka, M., Furuta, T., Shimomura, T. Thermal characteristic stabilization method of optical voltage sensor using optical rotary power 97914
Ohtsuka, M. *see* Kawaguchi, H. 87635
Ohtsuka, O. *see* Kagami, O. 65568
Ohtsuka, S. *see* Manabe, K. 96867
Ohtsuka, S. *see* Takiyama, M. 49834
Ohtsuka, T., Kawamata, J., Ziqiang Zhu, Yao, T. P-type CdSe grown by molecular beam epitaxy using a nitrogen plasma source 70028
Ohtsuka, T. *see* Ohba, R. 86997
Ohtsuka, T. *see* Uematsu, T. 100484
Ohtsuka, Y. *see* Muto, N. 61436
Ohtsuki, F., Yamashita, K., Yamamoto, Y. Design of optical connectors with ID modules 86318
Ohtsuki, H., Yokoyama, K., Sekine, Y. Verification and expansion of a method of transient analysis of voltage collapse based on the induction motor load model 53605
Ohtsuki, J., Seki, T., Miyazaki, M., Sasaki, A. Development of indirect internal reforming molten carbonate fuel cell 68996
Ohtsuki, K. *see* Machida, N. 58559
Ohtsuki, T., Sasase, I., Mori, S. Capacity and cut-off rate of overlapping multi-pulse pulse position modulation (OMPPM) in optical direct-detection channel: quantum-limited case 95071
Ohtsuki, T., Sasase, I., Mori, S. Performance analysis of multi-pulse pulse position modulation (MPPM) in noisy photon counting channel 95153
Ohtsuki, T. *see* Mahmoud, I.I. 62940
Ohtsuki, T. *see* Sato, K. 97324
Ohtsuki, T. *see* Togawa, N. 70386
Ohtsuki, T. *see* Togawa, N. 91816
Ohtsuki, T. *see* Yamamoto, W. 82015
Ohtsuki, Y. *see* Tanoi, S. 92224
Ohtsuki, Y. *see* Tanoi, S. 92239
Ohuchi, F.S. *see* Kim, G.H. 54840
Ohuchi, K. *see* Shiratake, S. 70528
Ohuchi, K. *see* Takashima, D. 49423
Ohuchi, K. *see* Takashima, D. 49429
Ohuchi, K. *see* Takashima, D. 70543
Ohuchi, K. *see* Takashima, D. 70555
Ohuchi, K. *see* Takashima, D. 70558
Ohuchi, K. *see* Tanaka, T. 92244
Ohuchi, K. *see* Tanzawa, T. 70527
Ohuchi, M., Kawata, K., Akiyama, S., Imamura, H., Fukushima, K., Ishizaki, N., Imamizu, J., Mori, T., Ono, H., Nakata, S. 16-bit single chip microcomputer 78K/IV series 61758
Ohuchi, S., Kanagawa, A., Ohta, H. Design procedure for acceptance multi-stage accelerated life tests 79489
Ohuchi, Y. *see* Saburi, Y. 52747
Ohue, E. *see* Onai, T. 93578
Ohue, K. A general method for generating odd-shift orthogonal sequences 64266
Ohue, K., Takabayashi, A. The suppression method of burst noise interference in images using smearing-desmearing transform 95776
Ohue, M. *see* Fukuda, T. 61396
Ohwada, J. *see* Ohta, M. 87398
Ohwe, T., Mizoshita, Y., Yoneoka, S. Development of integrated suspension system for a nanoslider with an MR head transducer 50274
Ohya, J., Kishino, F. Dense, time-varying range data acquisition from stereo pairs of thermal and intensity images 84694
Ohya, J. *see* Kishino, F. 65461
Ohya, J. *see* Matsuda, S. 55945
Ohya, M. *see* Nakayama, A. 72200
Ohya, S. *see* Hamada, T. 61733
Ohya, S. *see* Sakao, M. 70500
Ohya, S. *see* Tanigawa, T. 70512
Ohya, T., Miki, T., Suda, H. PDC half-rate speech coding standard and a real time operating prototype 57419
Ohya, T. *see* Okumura, Y. 58246
Ohya, T. *see* Savitz, D.A. 67634
Ohya, Y., Ito, T., Takahashi, Y. Dielectric properties of multilayered ferroelectric thin films fabricated by sol-gel method 93717
Ohyama, H., Hayama, K. Decrease of drain current in MOSFETs by electron irradiation 55948
Ohyama, H., Hayama, K., Tokuyama, J. Degradation model of the characteristics of electron-irradiated operational amplifiers 61579
Ohyama, H., Vanhellemont, J., Sunaga, H., Poortmans, J., Caymax, M., Clauws, P. Influence of germanium content on the degradation of strained $Si_{1-x}Ge_x$ epitaxial diodes by electron irradiation 62662
Ohyama, H., Vanhellemont, J., Sunaga, H., Poortmans, J., Caymax, M., Clauws, P. On the degradation of 1-MeV electron irradiated $Si_{1-x}Ge_x$ diodes 71574
Ohyama, H. *see* Ohsugi, T. 59069
Ohyama, I. *see* Yanagawa, H. 72411
Ohyama, K. *see* Iwahashi, M. 95890
Ohyama, K. *see* Takahashi, I. 69106
Ohyama, K. *see* Takeda, Y. 68583
Ohyama, M., Kokubun, Y., Ohta, E. Compact three-dimensional optical interconnects with large tolerance by stacked ARROW-type waveguides 63607
Ohyama, N. IS&C system and file protection mechanism 67480
Ohyama, N. *see* Oda, N. 67522
Ohyama, N. *see* Yamaguchi, M. 73147
Ohyama, N. *see* Yamaguchi, M. 83345
Ohyama, S., Kobayashi, A. Local positioning system with multiple observing points and generation of zooming effect 98309
Ohyama, T., Minemoto, T., Itoh, M., Hoshino, K. Improvement of magnetic shielding effects: the superposition of a double-magnetic cylinder over a high-T_c superconducting cylinder 57125
Ohyama, T. *see* Itoh, M. 58949
Ohyama, T. *see* Matsuyama, K. 63262
Ohyama, T. *see* Unno, Y. 98558
Ohzone, T., Hori, T. A test structure of a MOSFET with Si-implanted gate-SiO_2 for EEPROM applications 62757
Ohzone, T., Hori, T. A MOSFET with Si-implanted gate-SiO_2 structure for analog-storage EEPROM applications 71638
Ohzone, T., Hori, T. C-V and I-V characteristics of a MOSFET with Si-implanted gate-SiO_2 81866
Ohzone, T., Iwata, H. Photoemission characteristics of reverse-breakdown n^+-diodes with LOCOS- and trench-isolation 55883
Ohzone, T., Iwata, H. Channel-width measurements of LOCOS- and trench-isolated n-MOSFETs by photoemission 55958
Ohzone, T., Iwata, H. Channel-width measurements of LOCOS- and trench-isolated MOSFET's by photoemission 81898
Ohzone, T., Iwata, H., Uraoka, Y., Odanaka, S. A two-dimensional analysis of hot-carrier photoemission from LOCOS- and trench-isolated MOSFETs 63003
Ohzone, T. *see* Hori, T. 62817
Ohzuku, T., Ueda, A. Why transition metal (di)oxides are the most attractive materials for batteries 90354
Ohzuku, T. *see* Sawai, K. 90360
Oi, M. *see* Nakayama, T. 92213
Oide, K., Koiso, H. Anomalous equilibrium emittance due to chromaticity in electron storage rings 66839
Oide, K. *see* Bane, K.L.F. 87929
Oide, K. *see* Mimashi, T. 76499
Oide, K. *see* Yamamoto, N. 66979
Oidram, R., Metusala, T., Tapupere, O. Discharge voltages of pin insulators in voltage range A

under pollution conditions and reliability of overhead lines 89342
Oie, T. *see* Iritani, T. 80194
Oie, Y. *see* Kato, M. 65852
Oie, Y. *see* Kawahara, K. 64961
Oien, G.E. *see* Lepsoy, S. 85019
Oien, M.A. *see* Chan, H.A. 60927
Oigawa, H. *see* Shigekawa, H. 71384
Oikawa, H. *see* Hatsumura, T. 80697
Oikawa, H. *see* Mizoguchi, T. 85978
Oikawa, M., Imanishi, H., Kishimoto, T. Light coupling characteristics of a planar microlens 72404
Oikawa, M. *see* Nakayama, E. 66595
Oikawa, N., Takamatsu, R., Sato, M. Feature description of images based on binary tree 64600
Oikawa, Y., Hiraide, K., Kataoka, H. Crosstalk allocation method in design of broadband analog switching equipment 86695
Oikawa, Y., Kuwatsuka, H., Yamamoto, T., Ihara, T., Hamano, H., Minami, T. Packaging technology for a 10-Gb/s photoreceiver module 52563
Oikawa, Y. *see* Watanabe, K. 87648
Oing, S., John, W. Design support of printed circuit boards concerning radiation and irradiation effects (EMI) using an extended EMC-Workbench 92687
Oishi, A. *see* Tsuchiya, T. 56777
Oishi, S. Two topics in nonlinear system analysis through fixed point theorems 80079
Oishi, S. *see* Tanaka, H.-A. 80536
Oishi, T., Nakazawa, T., Katou, A. Preparation and properties of tantalum oxide films by sol-gel method 48965
Oishi, T. *see* Asakura, M. 70560
Oishi, Y. *see* Watada, M. 53454
Oistamo, K. *see* D'Alto, V. 86729
Oistamo, K. *see* Viero, T. 57717
Oiwa, K. *see* Sakai, K. 64841
Oizumi, H. *see* Nagata, H. 81725
Oizumi, H. *see* Ogawa, T. 55834
Oizumi, T. *see* Sato, E. 67498
Oizumi, T. *see* Sato, E. 67499
Oizumi, T. *see* Shikoda, A. 59219
Oizumi, T. *see* Takahashi, K. 81160
Ojaghi, S.G.M. *see* Lo, K.L. 99602
Ojea, G. *see* Mayo, J.L. 60122
Ojeba, E.B. *see* McCarthy, D.K. 83666
Ojeda, R., Tacconi, E.J. Huffman sequences with uniform time energy distribution 57498
Ojeda-Castaneda, J. *see* Arrizon, V. 83367
Ojeda-Castaneda, J. *see* Lohmann, A. 56508
Ojeda-Castaneda, J. *see* Lohmann, A. 74248
Ojha, J.J., Simmons, J.G., Mand, R.S., SpringThorpe, A.J. Insight into criteria for design optimisation of bistable field effect transistor (BISFET) 56013
Ojha, S. *see* Feiling Jia 65795
Ojha, S.M., Turner, R., Stagg, J.P., Boyle, D., Thompson, G.H.B. Monitoring and control of fabrication processes for integrated optics devices 56592
Ojha, S.M. *see* Rourke, H.N. 72345
Ojha, S.P. *see* Singh, A.K. 72332
Ojha, S.P. *see* Singh, K.S. 73249
Oji, N. *see* Hayashi, T. 93718
Ojima, I. *see* Osaki, M. 83884
Ojima, M. *see* Awano, H. 72119
Ojima, T. *see* Yoda, H. 77569
Ojo, I.A. *see* Ajayi, O.B. 70153
Ojo, O., Bhat, I. The influence of shunt capacitor compensation on the performance of PWM inverter fed induction motor drives 60528
Ojo, O., Bhat, I. Analysis of three phase PWM buck rectifier under modulation magnitude and angle control 68730
Ojo, O., Bhat, I. A new synchronous reluctance generator AC/DC buck rectifier as a controllable power supply 100101
Ojo, O., Bhat, I., Venkataswamy, S. Analysis of the dynamic and steady-state performance of dual output LLCC-type parallel resonant DC/DC converters 54078
Ok Lee Hyung *see* Hyung Ok Lee
Ok Lim, J. *see* Marx, K.A. 79995
Ok Lim Jeong *see* Jeong Ok Lim
Ok Park Jung *see* Jung Ok Park
Oka, A. *see* Broadwater, R.P. 78085
Oka, A. *see* Tsuchiya, T. 56777
Oka, H., Dawson, F.P., Lavers, J.D. Flux control model of magnetic fluid using sphere [gas flow sensor] 53080
Oka, H. *see* Mikazuki, T. 60967
Oka, H. *see* Yamaguchi, K. 75159
Oka, K., Higuchi, T. Magnetic levitation system by reluctance control: levitation by motion control of permanent magnet 90598
Oka, R. *see* Takahashi, K. 57769
Oka, S., Okuda, Y., Fukasawa, A., Yamaki, H., Kurihara, N., Hira, S., Noritake, Y. A small size deck mechanism and recording technology for digital VCRs 86784
Oka, S. *see* Miura, A. 61915
Oka, S. *see* Miura, A. 62711
Oka, Y., Takeiri, Y., Kaneko, O., Ando, A., Tsumori, K., Akiyama, R., Kawamoto, T., Kuroda, T. A large negative-ion source immersed in the vacuum vessel on the NBI test stand at the NIFS 53190
Oka, Y. *see* Ando, A. 87952
Oka, Y. *see* Muranaka, S. 55575
Oka, Y. *see* Noda, Y. 61222
Oka, Y. *see* Takeiri, Y. 53192
Oka, Y. *see* Tsumori, K. 53191
Okabayashi, H., Aizawa, K. Effects of oxygen addition during Al deposition on stress-migration induced failure in Al lines 62537
Okabayashi, H. *see* Shinzawa, T. 71436
Okabayashi, K. *see* Uchiyama, T. 58835
Okabayashi, S. *see* Egami, T. 54042
Okabe, H., Moriya, M., Usami, K., Kobayashi, T., Goto, T. Fabrication and properties of high T_c superconductor tunnel junctions using organic film as a barrier 82367
Okabe, H. *see* Kanno, M. 60265
Okabe, J. *see* Kurachi, M. 79021
Okabe, K., Ikezawa, T., Sakai, I., Fukuma, M. Potential profile engineering for quarter micron buried channel pMOSFETs with n regions in the channel 62848
Okabe, K. *see* Kudoh, J. 74956
Okabe, K. *see* Mizuno, M. 70426
Okabe, K. *see* Suzuki, K. 92288
Okabe, K. *see* Takata, M. 75785
Okabe, M. *see* Matsumoto, T. 79855
Okabe, N. *see* Inagaki, S. 89643
Okabe, S. Discussion on insulation performance of GIS toward VFT 68893
Okabe, S. *see* Sato, K. 90323
Okabe, S. *see* Takeguchi, Y. 62956
Okabe, T., Akaiwa, M., Shirakawa, T., Yokouchi, T., Sugimoto, T. Final visual inspection system for LSI packages 91092
Okabe, T. *see* Miyamoto, M. 76192
Okabe, Y. *see* Nakayama, A. 72200
Okabe, Y. *see* Nakayama, A. 91595
Okada, A. *see* Mizone, S. 79306
Okada, A. *see* Tanaka, H.-A. 80536
Okada, E. *see* Minagawa, Y. 98362
Okada, F. *see* Tanaka, H. 80967
Okada, H., Kurabayashi, H., Kidoh, Y., Onnagawa, H., Miyashita, K. Video rate operation in high-speed smectic liquid crystal light modulator 82732
Okada, H., Kurosawa, M., Ueha, S., Masuda, M. New airborne ultrasonic transducer with high output sound pressure level 77735
Okada, H. *see* Ando, M. 69600
Okada, H. *see* Fujii, T. 100593
Okada, H. *see* Hirae, S. 55768
Okada, H. *see* Kamiyama, N. 64987
Okada, H. *see* Kousai, S. 85745
Okada, H. *see* Ohta, C. 96200
Okada, H. *see* Tode, H. 65536
Okada, I. Structural simplicity puts piezoelectric sound-emitters in demand 71867
Okada, I. *see* Ohki, S. 81736
Okada, K. A spectral factorization of low-order moving average process 64252
Okada, K., Ishii, M. Mineral and lithological mapping using thermal infrared remotely sensed data from ASTER simulator 77277
Okada, K., Nishimura, N. Noise and vibration reduction techniques for 750 m/min elevators 78914
Okada, K. *see* Ejiri, H. 59215
Okada, K. *see* Fukui, K. 100565
Okada, K. *see* Ito, M. 92321
Okada, K. *see* Kawai, M. 96793
Okada, K. *see* Kouno, H. 70709
Okada, K. *see* Kubo, K. 86011
Okada, K. *see* Miki, T. 49507
Okada, K. *see* Nakamura, Y. 55316
Okada, K. *see* Ohta, A. 96240
Okada, K. *see* Onoda, T. 52546
Okada, K. *see* Rokugawa, S. 77276
Okada, K. *see* Sasaki, M. 49704
Okada, K. *see* Shinoda, S. 80071
Okada, K. *see* Shirasawa, K. 100648
Okada, K. *see* Usui, R. 76032
Okada, K. *see* Watanabe, K. 50354
Okada, K. *see* Yada, H. 72142
Okada, K. *see* Yamada, H. 75458
Okada, K. *see* Yamaji, T. 63141
Okada, M. Recent trends in the development of interstitially modified rare-earth intermetallic compounds produced by gas phase reactions 72036
Okada, M., Hara, S., Morinaga, N. A signal design method for block coded modulation in multipath fading channel 94823
Okada, M., Toku, H., Yamamoto, Y., Yoshikawa, K. Characteristics of Hall accelerator with He, H_2, CH_4, O_2 and Ar gases 87941
Okada, M. *see* Imura, M. 92638
Okada, M. *see* Kinugawa, Y. 52390
Okada, M. *see* Kitagawa, E. 95787
Okada, M. *see* Kobayashi, I. 79901
Okada, M. *see* Koide, Y. 69970
Okada, M. *see* Nakasima, H. 91569
Okada, M. *see* Ohsugi, T. 59069
Okada, M. *see* Okamura, M. 59023
Okada, M. *see* Sakashita, Y. 63077
Okada, M. *see* Usuki, T. 62637
Okada, N. *see* He, D. 92922
Okada, N. *see* He, D. 92924
Okada, N. *see* Kondo, M. 81424
Okada, N. *see* Shoh-Dohji, T. 69285
Okada, O. *see* Karube, H. 72491
Okada, O. *see* Sang-Jin Jung 58869
Okada, S., Nakahara, Y., Ida, K., Gen, M. A method for transforming multiple-objective linear programming problems with trapezoidal fuzzy coefficients 61127
Okada, S. *see* Aihara, T. 94027
Okada, S. *see* Fujiwara, G. 70530
Okada, S. *see* Imai, S. 71381
Okada, S. *see* Kamishima, Y. 65493
Okada, S. *see* Suka, M. 86661
Okada, S. *see* Yamasaki, I. 57633
Okada, T., Aikawa, S., Shirato, T. Performance analysis of a fully digitized multi-level modem for high-capacity digital radio systems 97005
Okada, T., Maeda, M. Laser spectroscopic diagnostics of pulsed-laser deposition process 64045
Okada, T., Nishiyama, K., Imai, Y., Kuromori, K., Kuroki, Y. Ceramic-lined magnetic flowmeter 66290
Okada, T., Noguchi, M., Fujiwara, S. Calculation methods of an optical reflected position on a mirror ball 87542
Okada, T., Sano, M., Kaneko, H. Three-dimensional object recognition using spherical correlation 95863
Okada, T., Shirato, T. A fully digitized multi-level demodulator for high-capacity digital radio systems 70327
Okada, T., Sudo, T. Characterization of net configurations for multichip modules 48675
Okada, T., Yamaji, Y., Sudo, T. RISC-based multichip modules for workstations—performance comparison among types of MCMs 48694
Okada, T. *see* Inaba, H. 64068
Okada, T. *see* Kondoh, A. 77526
Okada, T. *see* Matsuki, J. 60180
Okada, T. *see* Matsuki, J. 60189
Okada, T. *see* Matsuki, J. 78586
Okada, T. *see* Matsuki, J. 89155
Okada, T. *see* Nitta, T. 82428
Okada, T. *see* Shirai, Y. 78842
Okada, T. *see* Sugawara, Y. 71235
Okada, Y., Hao, F., Hosokawa, T. A determining method of equivalent circuit constants of small squirrel-cage type three phase induction motor 68627
Okada, Y., Hasegawa, K. Harmonics suppressor applications to power systems 68009
Okada, Y., Nagata, T., Tani, J., Hebing Zhang Vibration analysis and active control of flexible-shell-structured rotor supported by magnetic bearings 100153
Okada, Y., Obayashi, K., Hosokawa, T., Feng, H., Yamashita, K. A method to determine the equivalent circuit parameters of single-phase induction motor 78621
Okada, Y., Sakai, T. Locally parallel image-processing in large-scale systolic array processor 61749
Okada, Y., Takeda, T., Sakai, T. Description of gradation based on the color contour lines 64605
Okada, Y., Tobin, P.J. Hot-carrier degradation of LDD MOSFET's with gate oxynitride grown in N_2O 62826
Okada, Y., Tobin, P.J., Reid, K.G., Hegde, R.I., Maiti, B., Ajuria, S.A. Gate oxynitride grown in nitric oxide (NO) 71667
Okada, Y., Tobin, P.J., Reid, K.G., Hegde, R.I., Maiti, B., Ajuria, S.A. Furnace grown gate oxynitride using nitric oxide (NO) 81495
Okada, Y. *see* Fujiwara, H. 84855
Okada, Y. *see* Iizuka, T. 55744
Okada, Y. *see* Iizuka, T. 55745
Okada, Y. *see* Muckenhoff, K. 77031
Okada, Y. *see* Nakano, Y. 57896
Okada, Y. *see* Sharma, U. 61722
Okada, Y. *see* Shibukawa, K. 52060
Okada, Y. *see* Suzuki, M. 97222
Okada, Y. *see* Tobin, P.J. 71374
Okado, C., Kimoto, K., Shinohara, H., Ichinose, T. A novel islanding protection system for photovoltaic inverters 89752
Okado, C. *see* Shinohara, H. 100017
Okado, C. *see* Yuyama, S. 100022
Okafor, A.C., Chandrashekhara, K., Jiang, Y.P., Kilcher, R.R. Damage assessment of smart composite plates using piezoceramic and acoustic emission sensors 91669
Okahisa, T. *see* Tsuchiya, H. 54864
Okai, M., Suzuki, M., Taniwatari, T. Complex-coupled $\lambda/4$-shifted DFB lasers with a flat FM response from 10 kHz to 17 GHz 72798
Okai, M., Suzuki, M., Taniwatari, T., Chinone, N. Corrugation-pitch-modulated distributed feedback lasers with ultranarrow spectral linewidth 63758
Okaji, M. *see* Kodato, S. 98337
Okajima, K. *see* Koiwa, H. 72318
Okajima, K. *see* Kyomasu, M. 97994
Okajima, K. *see* Tanaka, S. 98810
Okajima, Y., Asai, S., Terui, Y., Terasaki, R., Murata, H. Precise control of growth site of silicon vapor-liquid-solid crystals 79765
Okamoto, A. *see* Suyama, S. 49009
Okamoto, A. *see* Toyoshima, H. 48944
Okamoto, E. *see* Ichikawa, S. 94894

Okamoto, E. *see* Mambo, M. 95138
Okamoto, E. *see* Nakamura, T. 59430
Okamoto, H., Sessler, A.M., Mohl, D. Three-dimensional laser cooling of stored and circulating ion beams by means of a coupling cavity 76393
Okamoto, H., Shicheng Jiang, Gluckstern, R.L. Longitudinal and transverse impedance of an iris in a beam pipe 87855
Okamoto, H., Yokoyama, A., Sekine, Y. Power system stabilization by switching-over control of transmission lines 89054
Okamoto, H. *see* Gluckstern, R.L. 63882
Okamoto, H. *see* Horiuchi, T. 68998
Okamoto, H. *see* Jiang, S. 87712
Okamoto, H. *see* Kinoshita, T. 73121
Okamoto, H. *see* Ma, W. 60454
Okamoto, H. *see* Shirai, T. 76407
Okamoto, H. *see* Tamura, T. 61761
Okamoto, H. *see* Wen Ma 100592
Okamoto, H. *see* Wen-Hao Cheng 66908
Okamoto, I.I. *see* Ma, W. 100529
Okamoto, J. *see* Hosokawa, S. 51540
Okamoto, K., Fukuhara, M. Improvement in the accuracy of paddy field area estimation using the area ratio of each pixel derived from Landsat TM data 77648
Okamoto, K., Hananoki, R. V/III flux ratio dependence of InAs epilayers grown on GaAs substrates by molecular beam epitaxy 70013
Okamoto, K., Kozu, T. TRMM precipitation radar algorithm 67833
Okamoto, K., Ohhashi, T., Asakura, M., Watanabe, K. A digital anemometer 76265
Okamoto, K., Shinohara, M., Miyazaki, S., Hirose, M. Fine SiO_2 pattern generation by excimer laser-induced modification of polysiloxene-based thin films 55842
Okamoto, K. *see* Awaka, J. 77359
Okamoto, K. *see* Kamishima, Y. 65493
Okamoto, K. *see* Kawanishi, T. 67832
Okamoto, K. *see* Kim, K.-w. 98046
Okamoto, K. *see* Kobayashi, T. 77571
Okamoto, K. *see* Komatsu, M. 96241
Okamoto, K. *see* Nakamura, K. 77353
Okamoto, K. *see* Sato, K. 97889
Okamoto, K. *see* Takiguchi, K. 50502
Okamoto, K. *see* Takiguchi, K. 82683
Okamoto, K. *see* Toyokura, M. 92281
Okamoto, M. *see* Isaka, K. 99023
Okamoto, M. *see* Kitamura, A. 99988
Okamoto, M. *see* Magari, K. 63796
Okamoto, M. *see* Mineo, M. 80876
Okamoto, M. *see* Wongsawang, D. 73678
Okamoto, N. *see* Komoda, T. 72121
Okamoto, N. *see* Nakai, K. 50342
Okamoto, N. *see* Nakata, T. 82244
Okamoto, N. *see* Terada, H. 99005
Okamoto, S., Hishikawa, Y., Tsuge, S., Sasaki, M., Ninomiya, K., Niskikuni, M., Tsuda, S. High-quality wide-gap hydrogenated amorphous silicon fabricated using hydrogen plasma post-treatment 55749
Okamoto, S., Sato, K. Optical path cross-connect systems for photonic transport networks 75431
Okamoto, S. *see* Chikuma, K. 56884
Okamoto, S. *see* Fukuda, C. 75512
Okamoto, S. *see* Hamazumi, Y. 65849
Okamoto, S. *see* Hishikawa, Y. 78823
Okamoto, S. *see* Hishikawa, Y. 100581
Okamoto, S. *see* Kaneiwa, M. 100571
Okamoto, S. *see* Kuwano, Y. 69014
Okamoto, S. *see* Morohashi, M. 61270
Okamoto, S. *see* Nishikuni, M. 78812
Okamoto, S. *see* Sasaki, M. 100603
Okamoto, S. *see* Sasaki, Y. 65637
Okamoto, T. Education: intelligent multimedia CAI system in distributed learning environment 51925
Okamoto, T., Miyashiti, T., Yamada, A., Konagai, M., Takahashi, K. Formation of $ZnGa_2Se_4$ epitaxial layer during molecular beam epitaxial growth of Ga_2Se_3 on ZnSe 70058
Okamoto, T. *see* Akaishi, A. 57258
Okamoto, T. *see* Holder, L. 57020
Okamoto, T. *see* Holder, L. 94121
Okamoto, T. *see* Ishida, M. 78121
Okamoto, T. *see* Ishii, K. 80688
Okamoto, T. *see* Ito, N. 48799
Okamoto, T. *see* Itoh, Y. 66030
Okamoto, T. *see* Kawaji, S. 71159
Okamoto, T. *see* Miyazaki, H. 50659
Okamoto, T. *see* Morooko, Y. 55256
Okamoto, T. *see* Murakami, H. 85862
Okamoto, T. *see* Sakata, H. 66583
Okamoto, T. *see* Sato, N. 52057
Okamoto, T. *see* Sugimitsu, T. 67251
Okamoto, T. *see* Tojima, H. 71305
Okamoto, T. *see* Yamamoto, K. 91470
Okamoto, T. *see* Yokohira, T. 52114
Okamoto, Y., Boden, H., Abom, M. Active noise control in ducts via side-branch resonators 99309
Okamoto, Y., Nakamura, Y., Kaminishi, S., Akagi, Y. The function of nitrogen atoms in electric materials 61411
Okamoto, Y., Saitou, N., Yoda, H., Sakitani, Y. High speed electron beam cell projection exposure system 49937
Okamoto, Y. *see* Hiyamizu, S. 55595
Okamoto, Y. *see* Inosako, K. 70875
Okamoto, Y. *see* Osawa, H. 63214
Okamoto, Y. *see* Osawa, H. 85203
Okamoto, Y. *see* Sumi, K. 78672
Okamoto, Y. *see* Yokota, K. 62406
Okamura, H. High intensity polarized ion source 59045
Okamura, H., Tanaka, H. The influence of non-linearity and frequency interval on multichannel QPSK digital transmission 58545
Okamura, H. *see* Tanaka, H. 75868
Okamura, J. *see* Mizuno, T. 71798
Okamura, M., Kimura, K., Shirai, S., Yamauchi, N. A 32×32 two-dimensional photodetector array using a-Si pin photodiodes and poly-Si TFTs integrated on a transparent substrate 66371
Okamura, M., Oguri, Y., Sasa, K., Ito, T., Okada, M., Hattori, T., Takeda, O., Satoh, K., Miura, T., Tanabe, Y., Tokuda, N. Design and construction of heavy ion RFQ linac with effective acceleration structure 59023
Okamura, M., Suzuki, S. Infrared photodetection using a-Si:H photodiode 50681
Okamura, M. *see* Takeda, O. 76414
Okamura, S. *see* Yahagi, N. 91552
Okamura, T. *see* Harada, N. 69017
Okamura, T. *see* Ogura, T. 98798
Okamura, Y. Ferroresonant overvoltage caused by dispersed-generation islanding on power distribution line 68284
Okamura, Y., Kitatani, K., Yamamoto, S. Characteristics of magnetostatic surface waves propagating in thin metal film coated ferrimagnetic layered structure 50242
Okamura, Y., Nakano, H., Nabae, A. Sinusoidal output inverter using rotating coordinate transformation 78715
Okamura, Y. *see* Nabae, A. 100272
O'Kane, B.L., Crenshaw, M.D., D'Agostino, J., Tomkinson, D. Human target detection using thermal systems 66488
O'Kane, D.F., Kroes, D.J. A thin film magnetoresistive head for quarter-inch tape applications 72134
O'Kane, M. Automatic speech recognition 57415
Okano, F., Kumada, J. On-line registration correction system 66029
Okano, H., Tanaka, N., Hirao, Y., Kobayashi, Y., Shibata, K., Nakano, S. Characteristics of AlN thin films deposited by electron cyclotron resonance dual-ion-beam sputtering and their application to GHz-band surface acoustic wave devices 71859
Okano, H. *see* Tanaka, N. 91436
Okano, Y. *see* Kang, J. 61231
Okano, Y. *see* Matsumoto, F. 54816
Okanobu, T. *see* Yamazaki, D. 86683
Okanoue, K., Ushirokawa, A., Tomita, H., Furuya, Y. A fast tracking adaptive MLSE for TDMA digital cellular systems 65702
Okasaka, Y. *see* Tsukikawa, Y. 49428
Okasaka, Y. *see* Tsukikawa, Y. 70556
Okataku, Y. *see* Seki, T. 60560
Okawa, K., Sato, S., Haraguchi, T. Integration management system for technical information 65515
Okawa, K. *see* Makino, Y. 89746
Okawa, T. *see* Mizuguchi, Y. 56740
Okay, N. *see* Lenz, J.W. 76529
Okay, N. *see* Saadatmand, K. 76386
Okay, N.C. *see* Hebert, J.E. 76607
Okay, N.C. *see* Saadatmand, K. 53183
Okay, N.C. *see* Valicenti, R.A. 76525
Okayama, H., Kawahara, M. Prototype 32×32 optical switch matrix 72427
Okayama, H. *see* Jie Wu 83286
Okayama, H. *see* Xu, K. 64843
Okayama, J. *see* Nakajima, H. 72261
Okayama, T. Precision temperature compensation algorithm for semiconductor strain gauge bridge by analogue technique 66601
Okayama, T. *see* Saito, K. 97942
Okayasu, M. *see* Fukuda, M. 63777
Okayasu, Y. *see* Fujimoto, K. 100615
Okayasu, Y. *see* Tamura, F. 91591
Okazaki, D. *see* Williams, J. 99278
Okazaki, H., Horikawa, K., Tanaka, M. Ku-band self-controlled burst mode high power amplifier 92522
Okazaki, H. *see* Ishiwa, N. 86002
Okazaki, H. *see* Kiriha, Y. 74854
Okazaki, H. *see* Padmanaban, M. 81618
Okazaki, H. *see* Spiess, W. 81620
Okazaki, K. *see* Maiwa, H. 91572
Okazaki, K. *see* Maiwa, H. 93714
Okazaki, K. *see* Suganuma, K. 81416
Okazaki, K. *see* Sugihara, S. 82145
Okazaki, K. *see* Tanimoto, T. 56141
Okazaki, K. *see* Tsuda, M. 93916
Okazaki, M. *see* Ito, T. 83371
Okazaki, N. *see* Kobayashi, H. 83164
Okazaki, S. *see* Fukuda, H. 62615
Okazaki, S. *see* Mikami, Y. 53000
Okazaki, S. *see* Yamagishi, T. 86717
Okazaki, S. *see* Yamashita, N. 92240
Okazaki, S. *see* Yamashita, N. 92289
Okazaki, S. *see* Yoshimura, T. 71537
Okazaki, T. *see* Kume, H. 61738
Okazaki, Y., Hibino, Y., Togawa, T., Akiyama, N. TMN-based network operations and management for switching systems 52034
Okazaki, Y., Inokawa, H., Kobayashi, T., Miyake, M., Morimoto, T., Matsuda, T. Sub-1/4 μm dual gate CMOS technology using in situ doped polysilicons for N and PMOS gates 71791
Okazaki, Y., Mogi, H. Improved longitudinal magnetic shielding by an amorphous Fe-Si steel composite panel 63188
Okazaki, Y. *see* Inokawa, H. 93622
Okazaki, Y. *see* Nakamura, Y. 63135
Okazawa, H. *see* Tasaka, S. 53547
Okazawa, M. *see* Murasugi, K. 58083
Okazawa, T. *see* Hisamune, Y.S. 92186
Okazawa, T. *see* Kanamori, K. 92205
Okazawa, T. *see* Oyama, K. 61728
Okazawa, T. *see* Takeshima, T. 61701
Okazawa, T. *see* Takeshima, T. 92226
Oke, S. *see* Jervis, B.W. 98907
O'Keefe, C.M. *see* Jackson, W. 73752
O'Keefe, M.F.J. *see* Iezekiel, S. 72653
O'Keefe, M.F.O. *see* Perkins, J.H. 55651
O'Keefe, S. *see* LeTran, T.T. 62301
O'Keefe, W. Fighting noise with noise: where the contest stands for powerplant applications 78256
O'Keefe, W. Powered actuators play critical role in today's central stations 99815
O'Keeffe, D. *see* Hand, J.W. 98939
O'Keeffe, G., MacCraith, B.D., McDonagh, C., O'Kelly, B., McGilp, J.F. LED based fibre optic oxygen sensor using sol-gel entrapped dyes 87221
O'Keeffe, G. *see* Craith, B.D.M. 58817
Okello, N.N. *see* Thomopoulos, S.C.A. 66235
O'Kelly, B. *see* O'Keeffe, G. 87221
O'Kelly, D. Travelling wave excitation of non-linear magnetic materials of significant conductivity 93874
O'Kelly, D. *see* Al-Dhalaan, S. 99655
O'Kelly, M.E.J. *see* Nolan, P.J. 77998
Oken, B.S. *see* Salinsky, M.C. 53444
Okhapkin, M.V. *see* Bagayev, S.N. 86882
Okhinchenko, E.P. *see* Belyavskaya, T.G. 64526
Okhotin, V.V., Khoziev, V.B. Current trends in the construction of simulators and computer-aided training of the personnel of power-generating units 99925
Okhotnikov, O.G., Aranjo, F.M., Salcedo, J.R. 1.48 μm pump-diode-driven mode-locked Er fiber laser 82990
Okhotnikov, O.G., Kuzmin, V.V., Salcedo, J.R. General intracavity method for laser transition characterization by relaxation oscillations spectral analysis 50771
Okhotnikov, O.G., Salcedo, J.R. Stable relaxation-oscillation Er^{3+}-doped fiber laser 50772
Okhotnikov, O.G., Salcedo, J.R. Spectroscopy of the transient oscillations in a Nd^{3+}-doped fiber laser for the four-level $^4F_{3/2}$-$^4I_{11/2}$ (1060 nm) and three-level $^4F_{3/2}$-$^4I_{9/2}$ (900-nm) transitions 56648
Okhotnikov, O.G., Salcedo, J.R. Dispersively Q-switched Er fibre laser with intracavity 1.48 μm laser diode as pumping source and nonlinear modulator 56656
Okhotnikov, O.G., Salcedo, J.R. Self-starting passively modelocked fibre laser exploiting polarisation evolution in MQW waveguide 82970
Okhotnikov, O.G., Salcedo, J.R. Laser transition characterization by spectral and thermal dependences of the transient oscillations 94379
Okhotskii, V.P. *see* Nemtsev, I.Z. 77039
Okhrimenko, O.A. *see* Bilenko, I.A. 52755
Oki, A. *see* Wang, H. 80766
Oki, A.K. *see* Chang, C.E. 93344
Oki, A.K. *see* Kobayashi, K.W. 49658
Oki, A.K. *see* Kobayashi, K.W. 55434
Oki, A.K. *see* Kobayashi, K.W. 80700
Oki, A.K. *see* Kobayashi, K.W. 80733
Oki, A.K. *see* Kobayashi, K.W. 80762
Oki, A.K. *see* Kobayashi, K.W. 80815
Oki, A.K. *see* Kobayashi, K.W. 80822
Oki, A.K. *see* Kobayashi, K.W. 92560
Oki, A.K. *see* Kobayashi, K.W. 92561
Oki, A.K. *see* Kobayashi, K.W. 92588
Oki, A.K. *see* Kobayashi, K.W. 92608
Oki, A.K. *see* Kobayashi, K.W. 92625
Oki, A.K. *see* Umemoto, D.K. 92623
Oki, K., Ozawa, L. Miniature CRTs having high brightness, high resolution, light in weight and very low power consumption 66634
Oki, K., Ozawa, L. Voltage dependence curves of cathodoluminescence of Y_2O_2S:Tb phosphor screen 66635
Oki, K. *see* Kuwano, N. 70016
Oki, K. *see* Matsumoto, T. 79855
Oki, K. *see* Nakayama, R. 71969
Oki, N. *see* Kuriyama, T. 50266
Oki, R. *see* Sumi, A. 77355
Oki, T. *see* Nakaegawa, T. 67859
Okimura, K. *see* Ito, K. 60609
Okimura, M. *see* Rooks, S. 91097
Okimura, T. *see* Takahashi, Y. 82792
Okino, Y., Shizuno, H., Kusumi, S., Kishi, H. Dielectric properties of rare-earth-oxide-doped $BaTiO_3$ ceramics fired in reducing atmosphere 93722

Okita, Y., Yasuoka, K., Ishii, A., Tamagawa, T. Long-pulse, high-repetition-rate transversely excited CO_2 laser for material processing 82904
Okita, Y. *see* Hamada, H. 93367
Okita, Y. *see* Uchida, M. 89581
Okitani, A. *see* Seki, A. 89279
Okitani, N. *see* Koziol, B. 65354
Okitsu, E. *see* Numano, T. 69161
Okitsu, S.-N. *see* Iizuka, M. 50264
Okkalides, D., Efremides, S. Quality assessment of DSA, ultrasound and CT digital images compressed with the JPEG protocol 88447
Okkonen, J. *see* Makisara, K. 77580
Oklobdzija, V.G., Villeger, D., Soulas, T. An integrated multiplier for complex numbers 70350
Oklobdzija, V.G. *see* Hundal, R. 92178
Okojie, R.S., Carr, W.N. An inductively coupled high temperature silicon pressure sensor 87083
Okoniewska, E. *see* Okoniewski, M. 63207
Okoniewski, M., Okoniewska, E. FDTD analysis of magnetized ferrites: a more efficient algorithm 63207
Okoniewski, M. *see* Anderson, J. 87103
Okonogi, K. *see* Ohoka, T. 56084
Okoshi, T. *see* Yamashita, S. 75461
Okoth, I. The driver makes it: an attempt at solution of software problems with flash cards 80333
Okoth, M. *see* McCarthy, D.K. 83665
Okrent, D. *see* Xing, L. 68379
Okretic, V.K. *see* Cvetkovic, S.R. 60789
Oks, E., Spadtke, P., Emig, H., Wolf, B.H. Ion beam noise reduction method for the MEVVA ion source 53214
Oks, E., Spadtke, P., Emig, H., Wolf, B.H. Ion beam noise reduction method for the MEVVA ion source 98497
Oks, E. *see* Spadtke, P. 53215
Oks, E. *see* Spadtke, P. 98498
Oksa, G. The generalized Levinson algorithm for block least squares methods of linear prediction 95477
Oksanen, M. *see* Ermolov, V. 82300
Oksanen, M. *see* Hietanen, J. 77738
Oktay, S. Beyond thermal limits in computer systems cooling 79402
Oktik, S. *see* Turner, A.K. 100462
Oku, K., Nakamura, O., Uemura, K. Measurement and analysis of harmonics in distribution systems and development of a harmonics suppression method 59922
Oku, K. *see* Nozaki, M. 56071
Oku, S. *see* Shibata, Y. 97294
Oku, T. *see* Demura, T. 92280
Oku, T. *see* Kawaguchi, G. 62303
Oku, T. *see* Nakanishi, J. 81341
Oku, T. *see* Uchibori, C.J. 93050
Oku, Y., Aizawa, K., Nakagawa, S., Ando, M., Hyodo, K., Kamada, S., Shiwaku, H. Conceptual design of a compact electron storage ring system dedicated to coronary angiography 67509
Okubo, H., Kanegami, M., Hikita, M., Kito, Y. Creepage discharge propagation in air and SF_6 gas influenced by surface charge on solid dielectrics 54114
Okubo, H. *see* Bong-Hwan Oh 89298
Okubo, H. *see* El-Mohandes, M.T. 68252
Okubo, H. *see* Goshima, H. 63070
Okubo, H. *see* Hikita, M. 50123
Okubo, H. *see* Hirose, M. 63288
Okubo, H. *see* Yue-Jin Tang 68283
Okubo, K. *see* Yamanaka, H. 86010
Okubo, M., Ishimoto, J., Nishiyama, H., Kamiyama, S. Analytical study on two-phase MHD flow of electrically conducting magnetic fluid 100778
Okubo, M. *see* Ichihara, K. 62198
Okubo, S. *see* Tanaka, M. 86256
Okubo, T., Iguchi, T., Murao, Y. Experimental study on difference in reflood core heat transfer among CCTF, FLECHT-SET and predicted with FLECHT correlation 89544
Okubo, Y. *see* Kubokawa, J. 89084
Okuda, H. Chip formats respond to rising demand for surface-mountable thermistors 70941
Okuda, M. Electron interference in a electrostatically controlled double-quantum-wire interferometer fabricated by the standard photo-lithographic techniques 81998
Okuda, M. *see* Ishihara, T. 85769
Okuda, M. *see* Kamikado, T. 88565
Okuda, N. *see* Takada, K. 67566
Okuda, R. *see* Nakao, H. 55045
Okuda, S. *see* Iwamoto, M. 49753
Okuda, S. *see* Nakata, S. 49754
Okuda, S. *see* Tanaka, H. 53137
Okuda, S. *see* Tsumori, K. 67017
Okuda, T., Kanemitsuya, K., Furukawa, K., Yagi, T., Seguchi, T. Study on life estimation of cable insulation by gas evolution and oxygen consumption during radiation and thermal aging 61979
Okuda, T., Yamada, H., Torikai, T., Uji, T. Novel partially corrugated waveguide laser diode with low modulation distortion characteristics for subcarrier multiplexing 56798
Okuda, T., Yamada, M., Takenaka, T. Piezoelectric properties of solid-solution $(Bi_{1-x}(PbBa)_x)(Ni_{1-x/2}Ti_{(1+x/2)})O_3$ ceramics 93721
Okuda, T. *see* Akimaru, H. 57950
Okuda, T. *see* Yagi, T. 61978
Okuda, Y. *see* Hayashi, Y. 50499
Okuda, Y. *see* Kataoka, H. 49712
Okuda, Y. *see* Mito, H. 71518
Okuda, Y. *see* Oka, S. 86784
Okudaira, T. *see* Kashihara, K. 71898
Okudaira, T. *see* Ohno, Y. 70487
Okude, Y., Nemoto, Y., Suzuki, T., Yoshida, T., Takahashi, N., Matsuo, T., Shimada, F., Niwaya, H., Matsushima, T., Iguchi, H. Development of optical transmitter/receiver modules for the automation of power distribution systems 59915
Okugawa, K. *see* Soga, O. 62004
Okugawa, T. *see* Hotate, K. 74479
Okulov, A.Yu. Scaling of the diode-array-pumped solid-state lasers by self-imaging 56693
Okuma, S. *see* Doki, S. 60221
Okuma, S. *see* Kinpara, Y. 60222
Okuma, S. *see* Senjyu, T. 68647
Okuma, S. *see* Torii, A. 55026
Okuma, S. *see* Torii, A. 87557
Okuma, Y., Igarashi, S., Kuroki, K. Novel three-phase SMR converter 68865
Okumoto, K. *see* Otsuka, M. 51903
Okumoto, S. *see* Miyata, S. 61706
Okumura, A. *see* Murasugi, K. 58083
Okumura, A. *see* Shioyama, T. 51638
Okumura, F. *see* Fujieda, I. 98097
Okumura, F. *see* Tanabe, H. 79888
Okumura, H., Sugita, T., Matsumoto, H., Takeuchi, N. Noise reduction method for lidar echo data based on multivariate analysis method 77346
Okumura, H. *see* Takeuchi, N. 77356
Okumura, H. *see* Tsuchiya, H. 54864
Okumura, K. *see* Horiuchi, T. 71421
Okumura, K. *see* Matsubara, Y. 81581
Okumura, K. *see* Matsubara, Y. 93275
Okumura, K. *see* Noguchi, K. 62778
Okumura, K. *see* Nohara, K. 93991
Okumura, K. *see* Ohmura, M. 97269
Okumura, K. *see* Yoshino, A. 93646
Okumura, T. Progress in isolator technology extends talk time for mobilecom products 55370
Okumura, T., Osaka, A., Ishiwata, N., Takeshima, Y., Urai, H. High frequency read/write characteristics for laminated Fe-Ta-N heads 50345
Okumura, T. *see* Niyazaki, S. 81365
Okumura, T. *see* Tomomura, Y. 72823
Okumura, Y., Ohya, T., Miki, Y., Miki, T. High performance DSP for half-rate speech codec 58246
Okumura, Y. *see* Irie, K. 58581
Okumura, Y. *see* Irie, K. 66041
Okumura, Y. *see* Kuroi, T. 71668
Okumura, Y. *see* Kuroi, T. 93615
Okumura, Y. *see* Minato, K. 96622
Okumura, Y. *see* Ohara, Y. 53179
Okun, P. *see* Pantazis, J. 88314
Okun, P. *see* Pantazis, J. 98600
Okunbor, D.I., Skeel, R.D. Canonical Runge-Kutta-Nystrom methods of orders five and six 91383
Okunishi, M. *see* Uchibori, C.J. 93050
Okuno, A., Hayashi, M., Kawano, H., Nagai, S., Nakaoka, M. Practical evaluations of load-adaptive variable-frequency high-frequency resonant PAM inverter using static induction power transistors for industrial induction-heating plants 100948
Okuno, A., Hayashi, M., Kawano, H., Nakaoka, M. Practical evaluations of load-adaptive high-frequency resonant PAM inverter using static induction power transistors for industrial induction-heating plants 90657
Okuno, A., Hayashi, M., Kawano, H., Nakaoka, M. Latest developments and practical evaluations of load-adaptive variable-frequency and PAM-based variable-voltage high-frequency resonant inverter using static induction high-power transistors for industrial induction-heating plants 100945
Okuno, A., Nagai, K., Oyama, N., Hashimoto, T., Onishi, T., Wakamoto, S., Masui, K. Printing encapsulation systems (PES) of advanced multichip module and COB device 54540
Okuno, A., Oyama, N., Hashimoto, T., Kinoshita, H., Shida, H. New metal board for COB, Multi-Chip Module, TAB and Phlip-Chip 92795
Okuno, A. *see* Nagai, S. 69231
Okuno, K. Model coil for the International Thermonuclear Experimental Reactor (ITER) magnet systems 82410
Okuno, K. *see* Isono, T. 82466
Okuno, K. *see* Kravis, S. 53153
Okuno, K. *see* Nakajima, H. 72261
Okuno, K. *see* Nishi, M. 72260
Okuno, M., Kato, K., Ohmori, Y., Kawachi, M., Matsunaga, T. Improved 8×8 integrated optical matrix switch using silica-based planar lightwave circuits 97252
Okuno, M., Sugita, A., Jinguji, K., Kawachi, M. Birefringence control of silica waveguides on Si and its application to a polarization-beam splitter/switch 63460
Okuno, M. *see* Hakamata, Y. 97260
Okuno, M. *see* Nagase, R. 96936
Okuno, M. *see* Nakanishi, T. 71704
Okuno, M. *see* Sasayama, K. 65756
Okuno, M. *see* Takada, K. 96937
Okuno, P., Hayashi, M., Kawano, H., Nagai, S., Nakaoka, M. Practical evaluations of load-adaptive variable-frequency high-frequency resonant PAM inverter using static induction power transistors for industrial induction-heating plants 68719
Okuno, S., Ikeda, H., Akamine, T., Saitoh, Y., Yamanaka, J., Miyahara, S., Ishihara, Y., Takeuchi, H., Mandai, M., Kanazawa, H., Kojima, Y., Kamiya, M., Fujita, Y., Higashi, Y., Ikeda, M., Koike, S., Matsuda, T., Ozaki, H., Tanaka, M., Tsuboyama, T., Avrillon, S., Haba, J., Hanai, H., Mori, S., Yusa, K., Fukunaga, C. New insulator film of integrated capacitor for silicon strip detector 98559
Okuno, S. *see* Ikeda, H. 59204
Okuno, S. *see* Saitoh, Y. 59075
Okuno, S. *see* Saitoh, Y. 88124
Okuno, S. *see* Saitoh, Y. 98580
Okuno, Y. *see* Sotome, H. 86427
Okuno, Y. *see* Tamura 81498
Okura, K. *see* Cho, K.-R. 61748
Okusako, T. *see* Sugawara, Y. 71235
Okusako, T. *see* Uchihashi, T. 71387
Okusako, T. *see* Uchihashi, T. 93728
Okusawa, K. *see* Mizone, S. 79306
Okutomi, M. *see* Kanade, T. 84740
Okuwada, K., Okuyama, T. Thermal transfer printing technique for electrode patterning in cofired ceramic multi-layer devices 80908
Okuwaki, T., Kawakita, T., Akahane, N., Kusumoto, K. Investigation on tape-head contact in VTR 50315
Okuwaki, T. *see* Sakurai, T. 72095
Okuyama, A. *see* Hojo, H. 67677
Okuyama, D. *see* Imano, K. 53566
Okuyama, E. *see* Gao, W. 87529
Okuyama, H., Yamashita, Y., Marumoto, K., Yabe, H., Matsui, Y., Yamaguchi, Y., Shoki, T., Nagasawa, H. SR irradiation stability of X-ray masks utilizing stress-free W-Ti absorbers and SiC membranes 81595
Okuyama, H. *see* Itoh, S. 56759
Okuyama, H. *see* Itoh, S. 72879
Okuyama, H. *see* Kondo, K. 83123
Okuyama, H. *see* Nakayama, N. 50851
Okuyama, H. *see* Ozawa, M. 72841
Okuyama, K., Kubota, K., Hashimoto, T., Ikeda, S., Koike, A. Water-related threshold voltage instability of polysilicon TFTs 93415
Okuyama, K., Takinami, N., Chiba, Y., Ohshima, S., Kambe, S. Al-Al_2O_3-Pd junction hydrogen sensor 76102
Okuyama, K. *see* Habuka, H. 54889
Okuyama, K. *see* Ishizuka, H. 62779
Okuyama, K. *see* Kido, J. 56559
Okuyama, K. *see* Takahashi, E. 78718
Okuyama, K. *see* Yoshida, S. 71817
Okuyama, M., Asano, J., Hamakawa, Y. Electron emission from lead-zirconate-titanate ferroelectric ceramic induced by pulse electric field 93725
Okuyama, R., Nomura, E. Studies on fabrication and cell performance improvement of tubular SOFC by multilayer slurry casting process 78807
Okuyama, S. *see* Matsushita, K. 81472
Okuyama, T. *see* Okuwada, K. 80908
Okuyama, T. *see* Tsumori, K. 53191
Okuyama Kojiro *see* Kojiro Okuyama
Okuzono, Y. *see* Chubachi, H. 80411
Okx, W.J.C., Bom, V.R., van Eijk, C.W.E., Hollander, R.W. A gas scintillation proportional detector to search for 17 keV neutrinos 59106
Okx, W.J.C. *see* van der Marel, J. 88017
Okx, W.J.C. *see* van Sonsbeek, R. 88094
Olabe, J.C. *see* Beaini, J.E. 54375
Olabe, J.C. *see* Olabe, X. 60809
Olabe, X., Olabe, J.C. Design and implementation of a single-chip basic computer 60809
Olachea, G. Cost-effective MCM-L fine line technology 91002
Oladiran, T. *see* McCarthy, D.K. 83666
Olafsson, S. Dynamic task allocation on open heterogeneous processor systems 52115
Olafsson, S. *see* Amin, S.J. 51740
Olalde, G. *see* Milcent, E. 87246
Olaleye, J., Faig, W. An evaluation of three M-processor designs for a digital photogrammetric system 53529
Olander, D.R. *see* Yongsoo Kim 71340
Olander, U. *see* Streubel, K. 56792
O'Larey, P. *see* Garber, M. 82418
Olariu, S. *see* Rao, N.S.V. 65333
Olasupo, K.R. *see* Liu, C.T. 63025
Olatona, D. *see* Clark, R.G. 83571
Olbrich, G. *see* Felgentreff, T. 80711
Olbrich, G.R., Felgentreff, T., Anzill, W., Hersina, G., Russer, P. Calculation of HEMT oscillator phase noise using large signal analysis in time domain 80845
Olbrich, T. *see* Bratt, A.H. 92234
Olcaytug, F. *see* Kohl, F. 58724
Olcer, S., Ungerboeck, G. Difference-metric Viterbi decoding of multilevel class-IV partial-response signals 57364

Olchowik, J.M. A model of internal lattice deformation of the interface during liquid phase heteroepitaxy of $A_xB_{1-x}C_yD_{1-y}$-type $A^{III}B^{V}$ compounds 48954
Olchowik, J.M. Contact etching of GaP substrates by Ga-In-P-As saturated solution during liquid phase heteroepitaxy 93170
Olchowski, F. *see* Akchnrin, N. 66847
Olde Dubbelink, R. *see* van de Laar, F. 52683
Oldenburg, D.W. Practical strategies for the solution of large-scale electromagnetic inverse problems 83424
Oldenburg, D.W. *see* Ellis, R.G. 99149
Oldfather, D.E. *see* Ritchie, A.L. 76322
Oldham, N.M., Booker, S.R. Programmable impedance transfer standard to support LCR meters 97755
Oldham, N.M., Hetrick, P.S., Parker, M.E. Programmable digitally synthesized source for low-frequency calibrations 86897
Oldham, N.M. *see* Avramov, S. 86946
Oldham, N.M. *see* Avramov, S. 97796
Oldham, N.M. *see* Waltrip, B.C. 86949
Oldham, W.G. *see* Fields, C.H. 71506
Oldham, W.G. *see* Kalpakjian, K.M. 71321
Oldham, W.G. *see* Raab, E.L. 71503
Oldham, W.G. *see* Shih, Y.C. 79778
Oldham, W.G. *see* Yang-Chin Shih 79839
Oldham, W.J.B. *see* Logar, A.M. 99306
O'Leary, D.P. *see* Liu, K.J.R. 84393
O'Leary, P. *see* Malcovati, P. 87045
O'Leary, T. Prospects for satellite DAB 97581
Oledzki, J.S. *see* Jaworski, J.M. 69401
Olego, D. *see* Chen, W. 71206
Oleinik, V.F. *see* Postyushkov, V.P. 57455
Oleinik, V.F. *see* Postyushkov, V.P. 64240
Olejniczak, K.J. *see* Balda, J.C. 67997
Olejniczak, V. *see* Afanasiev, S.V. 52771
Oleksenko, P.F. *see* Batin, V.V. 72835
Oleksenko, P.F. *see* Kamuz, A.M. 72951
Oleksenko, P.F. *see* Kiyashko, S.D. 72409
Olerup, B. Efficient electricity in Stockholm 68028
Olerup, B. Deciding on biomass in Hasselby 68445
Oleschuk, V.L. Strategy and features of new digital control methodology for voltage fed PWM drives 100823
Olesen, C. *see* Budtz-Jorgensen, C. 88033
Olesen, H. *see* Lowery, A.J. 63813
Olesen, H. *see* Pan, X. 94440
Olesen, H. *see* Tromborg, B. 63833
Olesen, J., Keldmann, T. Design for environment—a framework 60900
Olesinski, R. *see* Grochal, P. 78719
Oleskevich, T., Seguin, F. High-power Q-switched fiber laser 56681
Oleson, J., Samulski, T., Clegg, S., Das, S., Grant, W. Heating rate modeling and measurements in phantom and in vivo of the human upper extremity in a defective 2450 MHz microwave oven 79015
Oleynik, T. *see* Panckow, A.N. 98734
Oleyniknov, B.I. *see* Bikmatov, R.R. 58630
Olgaard, C. A laser control chip combining a power regulator and a 622-Mbit/s modulator 86315
Olgaard, C. *see* Rofougaran, M. 70313
Olia, H. *see* Herzog, R. 78390
Oliensis, J. *see* Thomas, J.I. 95999
Olin, H. Design of a scanning probe microscope 71873
Oliner, A.A. *see* Di Nallo, C. 94925
Oliner, A.A. *see* Nghiem, D. 80563
Oliner, A.A. *see* Shigesawa, H. 73530
Olinger, M. *see* Hong, D. 62082
Oliphant, A. *see* St. Ville, L.J. 97300
Oliphant, V. *see* Tooker, J.F. 76299
Oliva, A.Bonito *see* Bonito Oliva, A.
Olivan, J. *see* Marti, A. 100518
Oliveira, A.G. *see* Neves, B.R.A. 49798
Oliveira, A.G.de *see* de Oliveira, A.G.
Oliveira, A.J.Belfort de *see* Belfort de Oliveira, A.J.
Oliveira, A.R.E., Freire, D.G. Dynamical modelling and analysis of aeolian vibrations of single conductors 78160
Oliveira, C.A.S.de *see* de Oliveira, C.A.S.
Oliveira, C.L.C., Grivet, M.A., Pantoja, F.R. Radar-ECM simulation system 86582
Oliveira, F.de *see* de Oliveira, F.
Oliveira, J.L., Martins, J.A. A methodology to represent logical network topology information 51987
Oliveira, J.P.M.de *see* de Oliveira, J.P.M.
Oliveira, L. *see* Scalvi, L.V.A. 50664
Oliveira, L.C.Origa de *see* Origa de Oliveira, L.C.
Oliveira, M.De *see* De Oliveira, M.
Oliveira, N.F., Jr. *see* Bindilatti, V. 52818
Oliveira, N.J. *see* Freitas, P.P. 75948
Oliveira, O.N., Jr. *see* Alves, N. 71845
Oliveira, P.G.De *see* De Oliveira, P.G.
Oliveira, R.F. *see* Telles, J.C.F. 61183
Oliveira, S.E.M.De *see* De Oliveira, S.E.M.
Oliveira Duarte, A.M.de *see* de Oliveira Duarte, A.M.
Oliveira e Silva, T. Generalized feed-forward filters: some theoretical results 80457
Oliver, A. *see* Rodriguez-Fernandez, L. 98555
Oliver, C.J., Belcher, D., Blake, A., White, R.G. Algorithms for focused linear synthetic aperture radar imaging 75561
Oliver, C.J., Blake, A., White, R.G. Optimum texture analysis of synthetic aperture radar images 75575
Oliver, C.J. *see* Blacknell, D. 86542
Oliver, C.J. *see* Lombardo, P. 86531
Oliver, C.J. *see* Pryde, G.C. 75623
Oliver, G., Bouchard, R.-P. *(editors)* IMACS - TC1 '93. 4th International Conference Proceedings. Computational Aspects of Electromechanical Energy Converters and Drives 79084
Oliver, G.R. Cost effective explosion safety 48633
Oliver, J. *see* Fenker, H. 67383
Oliver, J. *see* Rullan, M. 82065
Oliver, J.F. *see* Wennberg, P.O. 67814
Oliver, M.C. PCB assembly issues: 'the way things should be' 92742
Oliver, R. *see* Hubert, P.M. 86391
Oliver, R. *see* Wong, S.K. 94593
Oliver, S.A., DiMarzio, C.A., Kale, A.B., Lindberg, S.C., McKnight, S.W. Magnetooptic Kerr effect sensors for fiber optic applications 87217
Oliver, T.N. Recent developments in electrical drying techniques 100946
Oliveria, M. *see* Kim, Y.K. 71966
Olivetto, C. *see* Gingrich, D. 53291
Olivier, C. *see* Courtellemont, P. 57481
Olivier, G., April, G.-E., Ngandui, E., Guimaraes, C. Novel transformer connection to improve current sharing in high current DC rectifiers 68762
Olivier, G. *see* Amor, L.B. 60197
Olivier, G. *see* Amor, L.B. 89850
Olivier, G. *see* Amor, L.B. 100084
Olivier, G. *see* Borges da Silva, L.E. 69097
Olivier, G. *see* El Kahel, M. 90141
Olivier, G. *see* Guimaraes, C. 90140
Olivier, G. *see* Tou, M. 90142
Olivier, G. *see* Tou, M. 90145
Olivier, J., Padeletti, G., Mathet, V., Nguyen-Van-Dau, F., Bisaro, R. Characterization of initial stages of growth of CaF_2 on Si(111) substrates by atomic force microscopy 79838
Olivier, J. *see* Mathet, V. 79835
Olivier, L., Gieschen, N., Rocks, M. A novel integrated AO-$LiNbO_3$ transmitter for single-laser self-heterodyne systems suitable for cost-effective operation of multipoint-to-point fiber networks 82760
Olivier, L. *see* Gieschen, N. 52485
Olivier, P., Mascle, S. Calibration of polarimetric SAR images by means of distributed target statistics and scatterometer measurements 77243
Olivier, P.D., Boyce, L. Networked digital control and data acquisition for an undergraduate controls and robotics laboratory: a progress report 54373
Olivier, R. *see* Arnaudon, L. 66851
Olivier-Rulliere, E. *see* Delamare, J. 83527
Oliviera, J.A. *see* Quintas, A.R. 100207
Olivieri, M. *see* Costa, A. 70239
Olivieri, M. *see* De Gloria, A. 55084
Olivieri, M. *see* De Gloria, A. 70366
Olivo, J.-C. Automatic threshold selection using the wavelet transform 74465
Olivo, M., Mariani, E., Leung, K.N. Studies on the positive hydrogen ion production from a small multicusp source 53265
Olivo, M. *see* Leung, K.N. 76734
Olivo, P. *see* Dalpasso, M. 80211
Olivo, P. *see* Favalli, M. 49305
Olivo, P. *see* Lanzoni, M. 50094
Olivos, D.J. *see* Martinez, H. 78180
Olk, C.H. *see* Karpenko, O.P. 79793
Ol'khovik, L.P. *see* Kamzin, A.S. 72057
Ol'khovskii, G.G. *see* Amosov, A.F. 99952
Ol'khovskii, G.G. *see* Dobrokhotov, V.I. 99960
Ol'khovskii, G.G. *see* Gorin, V.I. 89626
Olkin, J. *see* Laursen, A. 65345
Olko, P., Budzanowski, M., Bilski, P., Burgkhardt, B., Piesch, E. ^{6}LiF sandwich type detectors for low dose individual monitoring in mixed neutron-photon fields 88607
Olko, P. *see* Bilski, P. 99012
Olla, M. *see* Hashemi, H. 69558
Olla, M. *see* Hashemi, H. 91061
Oller, F. *see* Bertran, M. 70615
Ollero Velasco, S. *see* Alvarez Barcia, L. 80127
Ollingery, J.M. The use of maximum a posteriori and maximum likelihood transmission images for attenuation correction in PET 59330
Ollis, C.W. *see* Newton, M.A. 66806
Ollitrault, M., Loaec, G., Cortes, N., Dumortier, C., Jegou, P., Le Reste, S., Moliera, J., Rannou, J.P. MARVOR float: first results from the SAMBA experiment 88811
Ollivier, B. *see* Denis, J.-F. 86618
Olmedo, J. *see* Guarini, M. 87548
Olmo, G., Presti, L.L. Seismic signal analysis and denoising with the wavelet transform 77319
Olmos, P., Diaz, J.C., Perez, J.M., Aguayo, P., Gomez, P., Rodellar, V. Drift problems in the automatic analysis of gamma-ray spectra using associative memory algorithms 67405
Olmos, P. *see* Perez, J.M. 88308
Olmstead, C., Petrowski, M. Single chip digital down converter in communications applications 75192
Olmstead, C., Petrowski, M. Digital IF processing 95364
Olmstead, R.A. *see* Meneley, D.A. 89534
Olmsted Teisberg, E. An option valuation analysis of investment choices by a regulated firm 68344
Olnes, J., Spilling, P., Berquist, A. Security in use and management of VPN: A banking scenario 96513
Olnes, J. *see* Maillot, D. 96864
Olofsson, G. *see* Cesarsky, C.J. 52955
Olofsson, G. *see* Dickinson, S.J. 84691
Olofsson, H. *see* Hansen, C.L. 96882
Olofsson, U., Holmgren, M. Friction measurement at low sliding speed using a servohydraulic tension-torsion machine 91662
Olovsson, T. *see* Brocklehurst, S. 79504
Olowski, J. *see* Zajcyk, R. 100090
Olschner, F., Lund, J.C. Low noise charge sensitive preamplifier using drain current feedback 59199
Olschner, F. *see* Lund, J.C. 88267
Olsen, A.L. Penalty functions and the knapsack problem 91321
Olsen, A.V.B.T., Stordahl, O.G.K. Prognoses for price of net components based on widening the learning curve model 79201
Olsen, B. *see* Gingrich, D. 53291
Olsen, B.T., Zaganiaris, A., Markatos, S., Ferrero, U., Tahkokorpi, M., Schjetne, I., Overli, T. Access network alternatives from RACE 2087/TITAN 86380
Olsen, B.T. *see* Nawaz, M. 63489
Olsen, B.T. *see* Zaganiaris, A. 52544
Olsen, C.J. Streamlining maintenance operations for a highly automated consumer-products manufacturer 54423
Olsen, D.K. The production of accelerated radioactive ion beams 53108
Olsen, D.K. *see* Alton, G.D. 53263
Olsen, D.K. *see* Alton, G.D. 67282
Olsen, D.K. *see* Jones, C.M. 76294
Olsen, G. *see* Menna, R.J. 69949
Olsen, G.H. *see* Cohen, M.J. 66421
Olsen, I.I. *see* Koksbang, R. 90363
Olsen, J.A. *see* Benjaminsen, J.T. 89286
Olsen, J.A. *see* Blum, O. 54852
Olsen, J.A. *see* Fritz, I.J. 63544
Olsen, J.A. *see* Howard, A.J. 91487
Olsen, J.J. *see* Sapozhnikov, L. 98468
Olsen, L.C., Addis, F.W. High voltage ZnSe/$CuInSe_2$ solar cells 90442
Olsen, L.C., Addis, F.W., Huber, D.A. Investigation of polycrystalline thin film $CuInSe_2$ cells based on ZnSe windows 100662
Olsen, L.C. *see* Huber, D.A. 91601
Olsen, P.T., Steiner, R.L., Jones, G.R., Williams, E.R. The present watt balance: a measure of its resolution 86829
Olsen, R., Dabrowski, J., Murray, J. Dipole power supply for National Synchrotron Light Source booster upgrade 60311
Olsen, R., Dabrowski, J., Murray, J. Control system for NSLS booster power supply upgrade. II 76331
Olsen, R. *see* Arnaudon, L. 66851
Olsen, R. *see* Murray, J. 68846
Olsen, S.I. *see* Fu Liyan 95928
Olshanetsey, E.B. *see* Bykov, A.A. 82002
Olshanetsky, E.B. *see* Bykov, A.A. 81326
Olshansky, R. *see* Su, S.F. 52575
Olshen, R.A. *see* Cosman, P.C. 67533
Olshen, R.A. *see* Perlmutter, K.O. 57898
Olsher, R.H. Photon energy response of an aluminum oxide TLD environmental dosimeter 59586
Olsher, R.H., Hsiao-Hua Hsu A new neutron dose equivalent meter 99021
Olson, B.H., Esener, S.C. Partial response precoding for parallel-readout optical memories 56299
Olson, B.H., Esener, S.C. Partial response precoding for parallel readout optical memories 56317
Olson, C. *see* Pham, D. 92287
Olson, C.F. Fast alignment using probabilistic indexing 96013
Olson, C.L. *see* Ottinger, P.F. 59032
Olson, D.S., Kelly, M.A., Kapoor, S., Hagstrom, S.B. A mechanism of CVD diamond film growth deduced from the sequential deposition from sputtered carbon and atomic hydrogen 79934
Olson, D.S. *see* Ravi, K.V. 49763
Olson, D.T. *see* Adesida, I. 81464
Olson, D.T. *see* Asif Khan, M. 71739
Olson, D.T. *see* Khan, M.A. 69954
Olson, D.T. *see* Khan, M.A. 72599
Olson, E. *see* Thakoor, S. 71896
Olson, J.M. *see* Arent, D.J. 56524
Olson, J.M. *see* Arent, D.J. 91512
Olson, J.M. *see* Bertness, K.A. 78829
Olson, J.M. *see* Bertness, K.A. 90412
Olson, J.M. *see* Friedman, D.J. 90444
Olson, J.M. *see* Kurtz, S.R. 55730
Olson, J.M. *see* Kurtz, S.R. 61273
Olson, L.D., Fai Chan, Y., Sack, D.A., Dumont, M.F., Gilmore, R.T., Christy, J.T. The use of impact-echo and spectral-analysis-of-surface-waves methods for the concrete investigation of Rogers Dam spillway structure 89712
Olson, L.G. *see* Throne, R.D. 76984

Olson, R.A., Gustavson, R.L., Wangler, R.J., McConnell, R.E., II Active-infrared overhead vehicle sensor 52649
Olson, R.E. *see* Mazarakis, M.G. 66798
Olson, R.F., Jr. RF signature generation in a millimeter-wave missile seeker simulator 53585
Olson, S. *see* Spiess, W. 81620
Olson, S.C. *see* Frazier, A.B. 49020
Olson, T., DeStefano, J. Wavelet localization of the Radon transform 76966
Olson, T., Healy, D., Osterberg, U., Li, S., Prosser, R.T. Applications of time-frequency bases to multiple access fiber optic communication systems 56917
Olson, T. *see* Healy, D. 59372
Olson, T. *see* Taylor, J. 84815
Olson, T.E., Kane, T.J., Grossman, W.M., Plaessmann, H. Multipass diode-pumped Nd:YAG optical amplifiers at 1.06 μm and 1.32 μm 56707
Olsson, C. *see* Svanberg, S. 50784
Olsson, E. *see* Stjema, B. 92964
Olsson, G. Simulation of reticle seekers by means of an image processing system 53584
Olsson, G. *see* Lindstedt, G. 53565
Olsson, H. *see* Sylvander, R. 77217
Olsson, H.K., Edstam, J. Broad band microwave spectroscopy of cooled monolithic circuits 58954
Olsson, H.K. *see* Edstam, J. 50420
Olsson, H.K. *see* Edstam, J. 56241
Olsson, H.K. *see* Edstam, J. 56262
Olsson, H.K. *see* Nilsson, P.A. 72227
Olsson, J. *see* Soderbarg, A. 93111
Olsson, J.B. *see* Bessenrodt, C. 91292
Olsson, M. *see* de Barbaro, P. 98584
Olsson, N., Soderman, P.-O., Nilsson, L., Laurent, H. Calibration of a large NE213 neutron detector array 98509
Olsson, N.A. *see* Andrekson, P.A. 63764
Olsthoorn, S.M., Bongers, M.M.G., Giling, L.J. High-spatial-resolution photoluminescence measurements on $Al_xGa_{1-x}As$ grown on a nonplanar substrate by metalorganic vapor phase epitaxy 91448
Olsthoorn, S.M. *see* Hageman, P.R. 79849
Olszanskyj, S.J., Lebak, J.M., Bojanczyk, A.W. Rank-k modification methods for recursive least squares problems 69788
Olszewski, I. *see* Zabludowski, A. 74874
Olszewski, J., Szymura, S., Wojcik, J., Wyslocki, B. Structural changes in a Fe-Cr-Co permanent magnet alloy during magnetic hardening 50239
Olszowski, Z. *see* Dus-Sitek, M. 72006
Olszyna, A. *see* Brozek, T. 71841
Olthius, W. *see* van der Donk, A.G.H. 52805
Olthof, C.G., Kouw, P.M., Donker, A.J.M., de Lange, J.J., de Vries, P.M.J.M. Non-invasive conductivity technique to detect changes in haematocrit: in vitro validation 98884
Olthoff, G. *see* Blomer, M. 68343
Olthoff, J.K. *see* Sobolewski, M.A. 62427
Olthuis, W., Smith, A., van der Zalm, R.A.J., Bergveld, P. New operational modes for the Ta_2O_5-based electrolyte conductance cell 58669
Olthuis, W. *see* Luo, J. 66261
Olthuis, W. *see* Scheeper, P.R. 52738
Olthuis, W. *see* Scheeper, P.R. 61389
Olthuis, W. *see* Scheeper, P.R. 87071
Olthuis, W. *see* Volanschi, A. 66230
Oltman-Shay, J. *see* Agrawal, Y. 88832
Oltra, R., Efimov, I.O. Calibration of an electrochemical quartz crystal microbalance during localized corrosion 76220
Olver, A.D. *see* Philips, B. 94994
Olyslager, F. Boundary integral equation technique for the singular behavior of electromagnetic fields at the common tip of metallic and bi-isotropic cones with arbitrary cross section 94711
Olyslager, F. The behavior of electromagnetic fields at edges in bi-isotropic and bi-anisotropic materials 94712
Omachi, T., Sumida, K., Ono, H., Hayashi, H., Nobesawa, H., Onodera, M., Sato, H., Takahashi, J. Meeting Station Aterm350EX 58244
O'Mahony, D. Security considerations in a network management environment 58055
O'Mahony, J.D. *see* McGilp, J.F. 94624
O'Mahony, M. *see* Yao, J. 58440
O'Mahony, M. *see* Yao, J. 97225
O'Mahony, M.J. A European optical network: design considerations 58435
O'Mahony, M.J. *see* Simeonidou, A.Yu.D. 58438
O'Mahony, M.J. *see* Yu, A. 56919
O'Mahony, M.J. *see* Zhou, J. 97296
Omair Ahmad, M. *see* Sundararajan, D. 91405
O'Malley, G., Giesler, J., Machuga, S. The importance of material selection for flip chip on board assemblies 80990
O'Malley, G. *see* Giesler, J. 80991
O'Malley, K. Understanding linear regulator compensation 80117
O'Malley, K. *see* Levin, G. 61505
O'Malley, M.W. *see* Loubriel, G.M. 63577
Oman, D.M. *see* Attar, G. 90432
Oman, H. 9th Annual Battery Conference on Advances and Applications 54144
Oman, H. A new career world for engineers 69307
Oman, H. PLANS '94. Position, Location and Navigation Symposium '94 77123
Oman, H., Kostek, P. Myths die hard. Why? [aerospace engineers' role in non-defense work] 59434
Oman, H. *see* Kumar, B. 60554
Oman, H. *see* Wyczalek, F.A. 54158
Omar, A.S. *see* Eleftheriades, G.V. 94900
Omar, A.S. *see* Jostingmeier, A. 51191
Omar, A.S. *see* Jostingmeier, A. 81150
Omar, A.S. *see* Yun-Sheng Xu 73466
Omar Rafiq *see* Saleh, K. 52136
O'Mara, D. *see* Naday, I. 88311
O'Mara, D. *see* Phillips, W. 58843
Omata, A. *see* Uchida, S. 99725
Omata, K. *see* Kyuwa, S. 53634
Omata, K. *see* Kyuwa, S. 68096
Omata, K. *see* Kyuwa, S. 77944
Omata, K. *see* Oura, Y. 68044
Omata, T. *see* Yanagawa, K. 71124
O'Mathuna, C. *see* Kelly, G. 91019
O'Mathuna, S.C., Fromont, T., Koschnick, W., O'Connor, L. Test chips, test systems, and thermal test data for multichip modules in the ESPRIT-APACHIP project 79335
Omatsu, T., Kuroda, K., Takase, T., Hasegawa, A., Ogura, I. Second harmonic generation of a copper vapor laser using an anamorphic optical system 94658
Omatu, S., Yoshida, T. Pattern classification for remote sensing using neural network 77607
Omatu, S. *see* Kinjo, H. 95874
Omatu, S. *see* Matsumura, S. 52758
Omatu, S. *see* Raveendran, P. 74226
Omatu, S. *see* Yoshida, T. 88870
O'Meara, J. *see* Ross, J. 94013
O'Meara, T., Poulikakos, D. Natural convection cooling of an array of heated plates simulating printed circuit boards 79405
Omeata, E.C. *see* McCarthy, D.K. 83666
Omeich, M. *see* Travier, C. 59048
Omelyanchouk, A.N. *see* Vol, E.D. 72241
Omens, W. *see* Ketsdever, A. 90636
Omer, A. *see* Iqbal, A. 54508
Omer, A. *see* Iqbal, A. 54533
Omeragic, D., Silvester, P.P. Differentiation of approximate solutions of the Helmholtz equation 83754
Omet, R. *see* Kessler, Th. 56212
Omid, M., Hayakawa, M. Excitation of electromagnetic waves by delta function current sheets in the ionospheric plasma 83697
Omidyar, C.G., Aldridge, A. An introduction to the SDH/SONET systems 65145
Omlin, A. *see* Steiner, F.P. 79168
Omodaka, A. *see* Ataka, M. 68927
Omodani, M. *see* Lo, A.W.F. 64088
Omori, T., Yashiro, K., Ohkawa, S. A study on magnetostatic surface wave excitation by microstrip 50387
Omori, T., Yashiro, K., Ohkawa, S. A time domain reflectometry using envelope extraction and its application to measurement of stripline resonator characteristics 80574
Omori, T. *see* Maruyama, T. 55761
Omori, Y. *see* Sasaoka, H. 52385
Omoru, Y., Sasaoka, H. Multicarrier 16QAM system in land mobile communications 65708
Omote, K., Park, K.-S., Li, G., Ohigashi, H. Performance of multilayered ultrasonic transducers comprising vinylidene fluoride and trifluoroethylene copolymer films and ferroelectric ceramic plates 77745
Omoto, O. *see* Noguchi, H. 92978
Omta, S.W.F., Bouter, L.M., van Engelen, J.M.L. Managing industrial pharmaceutical R&D. A comparative study of management control and innovative effectiveness in European and Anglo-American companies 90843
Omundsen, D.S., Kaye, A.R., Mahmoud, S.A. A pipelined, multiprocessor architecture for a connectionless server for broadband ISDN 75085
Omura, E. *see* Goto, K. 93024
Omura, E. *see* Matsumoto, K. 82847
Omura, E. *see* Mihashi, Y. 63606
Omura, E. *see* Shima, A. 72907
Omura, I., Yasuhara, N., Nakagawa, A., Suzuki, Y. Numerical analysis of SOI IGBT switching characteristics—switching speed enhancement by reducing the SOI thickness 55998
Omura, I. *see* Funaki, H. 55882
Omura, I. *see* Kitagawa, M. 93436
Omura, I. *see* Matsushita, K. 55971
Omura, I. *see* Nakagawa, A. 61559
Omura, K. *see* Higuchi, H. 100494
Omura, K. *see* Nakayama, N. 93005
Omura, M., Yoshimori, H., Ishibashi, Y. Pulse response for high-speed nondestructive readout in ferroelectrics 93769
Omura, S. *see* Ina, K. 99331
Omura, Y., Izumi, K. Physical background of substrate current characteristics and hot-carrier immunity in short-channel ultrathin-film MOSFET's/SIMOX 50002
On, H., Brooks, D.H., MacLeod, R.S., Krim, H. Multiresolution analysis of PTCA isopotential maps 67543
On Choi Sang *see* Sang On Choi
On-Cheong Mak *see* Yue-Chung Wong 91878
On-Ching Yue *see* DeSimone, A. 74727
Onabe, H. *see* Kashiwagi, T. 66364
Onabe, H. *see* Miyachi, T. 87176
Onabe, H. *see* Miyachi, T. 87177
Onabe, H. *see* Shoji, T. 88268
Onabe, K. *see* Ishikawa, E. 71193
Onabe, K. *see* Kuwano, N. 70016
Onae, A., Miki, Y., Kurosawa, T., Sakuma, E. Precise frequency measurement of a methyl alcohol optically-pumped laser line at 4.25 THz 63626
Onae, A. *see* Konig, W. 86871
Onae, A. *see* Miki, Y. 56612
Onai, T., Ohue, E., Idei, Y., Tanabe, M., Shimamoto, H., Washio, K., Nakamura, T. An NPN 30 GHz, PNP 32 GHz f_T complementary bipolar technology 93578
Onai, T. *see* Idei, Y. 70451
Onaindia, E. *see* Botti, V. 75007
Onak, G. *see* Chen, C.H. 80708
Onak, G. *see* Marosi, L. 92577
Onak, G. *see* Sharma, A.K. 80690
Onak, G. *see* Sharma, A.K. 80840
Onaka, P. *see* Rayner, J. 66425
Onal, G., Altintas, A., Ozaktas, H.M. Computer-aided analysis and simulation of complex passive integrated optical circuits of arbitrary rectilinear topology 56397
Onana, A.B. *see* Darouach, M. 64891
Onanko, A.F. *see* Yemets, Yu.P. 83459
Onate, E. *see* Bugeda, C. 54799
Onaya, M. *see* Ohkoda, T. 86803
Onda, K., Fujihara, A., Mizuki, E., Hori, Y., Miyamoto, H., Samoto, N., Kuzuhara, M. Highly reliable InAlAs/InGaAs heterojunction FETs fabricated using completely molybdenum-based electrode technology (COMET) 80686
Onda, Y. *see* Noda, H. 97180
Ondera, J. *see* Dudrik, J. 68856
Onders, J.P., Naganathan, N.G. Investigation of strain transfer in a smart structure adhesive joint 82213
Ondracek, O. *see* Kulesov, V.N. 49205
Ondrejka, A.R. *see* Hill, D.A. 73393
Ondris, L., Trnovec, M., Keppert, M., Rusina, V., Buzasi, J. An optoelectronic hydrolevelling system 98356
One-Jang Jeng *see* Radwin, R.G. 76880
O'Neil, E.E., Krishnamoorthi, K.S. Reliability of crankshaft induction-coils new vs. old design 54634
O'Neil, S.D., Pao, L.Y. Multisensor fusion algorithms for tracking 57510
O'Neil, W.F. Adaptive spectrum control 64853
O'Neil, W.F. Dithered scan detector compensation 66164
O'Neil, W.F. D.C. restoration of common module FLIRs 66485
O'Neill, A.G. *see* Gilman, J.M.A. 81789
O'Neill, B. *see* Kelleher, A. 77095
O'Neill, B.C. *see* Ellis, J.W. 55276
O'Neill, D.J.C., Feng, Y., Thornton, T.J., Harris, J.J. EBIC from δ-doped quantum wires 81321
O'Neill, J.J. *see* Banerjee, C. 85586
O'Neill, J.J. *see* Fenker, H. 67313
O'Neill, K.J. *see* Barley, R.D. 93108
O'Neill, M. *see* Cain, N. 83303
O'Neill, M. *see* Hagston, W.E. 55600
O'Neill, M. *see* King, R.R. 100631
O'Neill, M. *see* Stirner, T. 55601
O'Neill, M. *see* Whiston, S. 63032
O'Neill, M.C. Earthing systems for instrumentation and control 54092
O'Neill, M.J. Photovoltaic manufacturing technology (PVMaT) improvements for ENTECH's concentrator module 90422
O'Neill, M.J., McDanal, A.J. Manufacturing technology improvements for a line-focus concentrator module 100708
O'Neill, M.J. *see* Piszczor, M.F., Jr. 100740
O'Neill, M.S. *see* Gavrilovic, P. 83010
O'Neill, M.S. *see* Tihanyi, P.L. 72914
O'Neill, T. *see* Sarmouk, A. 98612
O'Neill, T.J., Bhattacharya, D., Roth, T.A., Tumer, O.T., White, R.S., Zych, A.D. COMPTEL Science Module III neutron calibration and simulation 67668
Onel, Y. *see* Akchnrin, N. 66847
Onel, Y. *see* Brown, D. 59084
Onetti, A. *see* Cassis, M. 75794
Ong, C.-M. *see* Suriano, J.R. 68554
Ong, C.K. *see* Gong, H. 82164
Ong, C.T., Leung, C. Influence of guard times on packet error probabilities in slotted frequency-hopped spread spectrum multiple access systems 96970
Ong, L.K., Kondoz, A.M., Evans, B.G. Enhanced channel coding using source criteria in speech coders 64356
Ong, M.E.G. Uniform refinement of a tetrahedron 79743
Ong, S., Moody, M.P., Sridharan, S. Confidence analysis for text-independent speaker identification: inspecting the effect of population size 95344
Ong, S.H. *see* Xiaofan Liu 57869
Ong, S.H. *see* Xiaofan Liu 95922
Ong, S.H. *see* Yeo, T.T.E. 85137
Ong, T.C., Fazio, A., Mielke, N., Pan, S., Righos, N., Atwood, G., Lai, S. Erratic erase in ETOX flash memory array 70497

Ong, T.P., Burger, D., Lewis, C.R., Campbell, B.D., Baldasaro, P.F. Calculated performance of InAs thermovoltaic cells 100782
Ong, T.P. *see* Huang, W.M. 93629
Ong Hiap Liew *see* Hiap Liew Ong
Ong Jin Teong *see* Jin Teong Ong
Ong Ping-Wen *see* Ping-Wen Ong
Onge, G.F.St. *see* St. Onge, G.F.
Ongge *see* Li Ying 80703
Ongsakul, W. *see* Huang, G. 53619
Ongsakul, W. *see* Huang, G. 77942
Ongsakul, W. *see* Huang, G. 99475
Ongsakul, W. *see* Huang, G. 99585
Onillon, E. *see* Boussard, D. 76512
Onischenko, L. *see* Perelstein, E. 76542
Onischenko, L.M. *see* Borisov, O.N. 66991
Onishchenko, A.M., Gorlov, Yu.I. Optimization in monitoring smoke from thermal plants 89632
Onishchenko, I.N. *see* Antonov, A.N. 92465
Onishchukov, G. *see* Peter, D.S. 83011
Onishchukov, G.I. *see* Schutz, J. 82600
Onishi, H. *see* Lee, D.J. 70524
Onishi, K. *see* Yamazaki, M. 78921
Onishi, M. *see* Fukuda, C. 75512
Onishi, R. *see* Nakada, T. 100456
Onishi, T. *see* Ichino, K. 61285
Onishi, T. *see* Kashiwa, T. 51245
Onishi, T. *see* Ochiai, Y. 81325
Onishi, T. *see* Okuno, A. 54540
Onishi, Y. *see* Sato, M. 50292
Onisko, S.A. *see* Lee, A.D. 59869
Onitsuka, K. *see* Newnham, R.E. 99340
Onizawa, S. *see* Muranoi, T. 71276
Onizuka, K., Sasaki, S., Koga, K. Solar air conditioners for residential use 90676
Onken, R. *see* Gerlach, M. 67702
Onkik, H. *see* Curtis, T. 96783
Onnagawa, H. *see* Okada, H. 82732
Onno, P., Jain, N., Souchuns, C., Goodrich, J. High power 6-18 GHz transfer switch using HMIC 80764
Ono, A. *see* Arai, K. 77253
Ono, A. *see* Mizuno, M. 70426
Ono, A. *see* Sakuma, F. 77255
Ono, A. *see* Suzuki, K. 92288
Ono, F. *see* Notsu, Y. 63167
Ono, H. *see* Chubachi, H. 80411
Ono, H. *see* Hirose, S. 100177
Ono, H. *see* Kaneko, H. 78754
Ono, H. *see* Kawashima, T. 72263
Ono, H. *see* Nakamura, K. 99724
Ono, H. *see* Ohuchi, M. 61758
Ono, H. *see* Omachi, T. 58244
Ono, H. *see* Ozaki, T. 75729
Ono, H. *see* Takada, N. 77613
Ono, H. *see* Ushiku, Y. 71438
Ono, J. *see* Takahashi, Y. 94534
Ono, K. The role of regional standardization organizations in telecommunication standardization 85390
Ono, K., Fujii, N., Takagi, S., Hotta, M. Design of low-distortion MOS OTA based on cross-coupled differential amplifier and its application for active filters 49525
Ono, K., Ogawa, K., Sakuta, H., Konishi, N. Inverse-staggered polycrystalline silicon thin-film transistors fabricated by excimer laser irradiation 81895
Ono, K., Tanno, Y. A study of parametric magnetic sensor 97935
Ono, K., Tuda, M., Nishikawa, K., Oomori, T., Namba, K. Chemical kinetics of chlorine in electron cyclotron resonance plasma etching of Si 81530
Ono, K. *see* Ejiogu, E.C. 89929
Ono, K. *see* Haran, F.M. 56343
Ono, K. *see* Idoue, A. 74957
Ono, K. *see* Kawahara, T. 93705
Ono, K. *see* Matsuoka, M. 79789
Ono, K. *see* Minami, Y. 75140
Ono, K. *see* Tanaka, T. 98211
Ono, K. *see* Teramoto, T. 78662
Ono, M. Application of harmonics suppressor to generators 68536
Ono, M., Anami, S., Hanaki, H., Igarashi, Z., Kawamura, M., Kubo, T., Kubota, C., Kudo, K., Takasaki, E., Takenaka, T. 432-MHz RF source for the JHP proton linac 66820
Ono, M., Ito, K., Yoshida, E., Sekimukai, S., Kamada, H. Development of pulsed L-band ESR spectrometer 98854
Ono, M., Saito, M., Yoshitomi, T., Fiegna, C., Ohguro, T., Iwai, H. Sub-50 nm gate length n-MOSFETs with 10 nm phosphorus source and drain junctions 93394
Ono, M., Saito, M., Yoshitomi, T., Fiegna, C., Ohguro, T., Momose, H.S., Iwai, H. Influence of high substrate doping concentration on the hot-carrier and other characteristics of small-geometry CMOS transistors down to the 0.1 μm generation 71674
Ono, M., Yamazaki, T., Yoshida, K. Band to band co-registration of SWIR images 77221
Ono, M. *see* Ajiro, M. 77262
Ono, M. *see* Hara, Y. 77624
Ono, M. *see* Nishi, M. 72260
Ono, M. *see* Ohguro, T. 93405
Ono, M. *see* Saito, K. 67129
Ono, M. *see* Saito, M. 62850
Ono, M. *see* Takahata, K. 82416
Ono, M. *see* Toyama, S. 66792
Ono, M. *see* Wachi, Y. 82435
Ono, M. *see* Yoshitomi, T. 71679
Ono, N. *see* Rahmani, A.T. 55033
Ono, N. *see* Uchibori, C.J. 93050
Ono, R.H. *see* Berkowitz, S.J. 82352
Ono, R.H. *see* Reintsema, C.D. 93949
Ono, S. Super high definition/super high resolution digital images — a platform for multimedia/hypermedia communication systems 66048
Ono, S. *see* Ishihara, T. 92889
Ono, S. *see* Kashiwabuchi, K. 75887
Ono, S. *see* Murota, J. 61242
Ono, S. *see* Nishiguchi, M. 73868
Ono, S. *see* Shimozuma, T. 92891
Ono, S. *see* Yokoo, K. 62058
Ono, S. *see* Yokoo, K. 62066
Ono, T. Selecting partial scan flip-flops for circuit partitioning 91845
Ono, T., Nishimura, H., Shimada, M., Matsuo, S. Electron cyclotron resonance plasma source for conductive film deposition 91619
Ono, T., Yamazaki, S., Shimizu, H., Emura, K. Polarization control method for suppressing polarization mode dispersion influence in optical transmission systems 65840
Ono, T. *see* Fukuda, H. 61723
Ono, T. *see* Ishida, T. 81528
Ono, T. *see* Kanai, H. 74072
Ono, T. *see* Kawazu, Y. 70545
Ono, T. *see* Nishihara, M. 96141
Ono, T. *see* Sakashita, Y. 63077
Ono, T. *see* Shingu, H. 97483
Ono, T. *see* Tohyama, S. 98089
Ono, T. *see* Yanagawa, H. 72351
Ono, Y., Kushibiki, J., Chubachi, N. Characterization of optical fiber preforms by line-focus-beam acoustic microscopy 94062
Ono, Y. *see* Kageshimi, H. 81469
Ono, Y. *see* Nakagawa, S. 95284
Ono, Y. *see* Wakita, H. 90670
Ono Koichi *see* Koichi Ono
Onobori, S. *see* Takahashi, Y. 94534
Onoda, D. *see* Iida, O. 98027
Onoda, H., Kunori, Y., Kobayashi, S., Ohi, M., Fukumoto, A., Ajika, N., Miyoshi, H. A novel cell structure suitable for a 3 volt operation, sector erase flash memory 61726
Onoda, H., Kunori, Y., Yuzuriha, I., Kobayashi, S., Sakakibara, K., Ohi, M., Fukumoto, M.O.A., Ajika, N., Hatanaka, M., Miyoshi, H. Improved array architectures of DINOR for 0.5 μm 32 M and 64 Mbit flash memories 92203
Onoda, H. *see* Hashimoto, K. 62516
Onoda, H. *see* Kobayashi, S. 49425
Onoda, H. *see* Kobayashi, S. 70561
Onoda, H. *see* Mihara, M. 92227
Onoda, H. *see* Ohi, M. 70507
Onoda, M., Nakayama, H., Ohmori, Y., Yoshino, K. Organic display devices using poly(arylene vinylene) conducting polymers 72620
Onoda, T., Miki, N., Okada, K. Novel CDM-CDMA technologies for fibre optic local networks 52546
Onodera, C. *see* Uranaka, H. 64604
Onodera, K., Katoo, Y. A successful preventive maintenance program for an electric power plant 60033
Onodera, M. *see* Omachi, T. 58244
Onodera, M. *see* Shimada, H. 81678
Onodera, R., Ishii, Y. Two-wavelength phase-shifting interferometry insensitive to the intensity modulation of dual laser diodes 83079
Onodera, S., Yamasawa, K. Effect of the stator slot opening on the electromagnetic vibration in a squirrel-cage induction motor 89964
Onodera, S. *see* Ouchi, K. 72090
Onodera, T., Ohashi, T. Portable telephones for the TDMA cellular systems 86082
Onodera, T. *see* Bisaka, Y. 96747
Onodera, T. *see* Fujino, Y. 68642
Onodera, T. *see* Ohtsuka, H. 49936
Onodera, T. *see* Ota, K. 53101
Onodera, T. *see* Wang, H. 86083
Onoe, A. *see* Kondo, Y. 63462
Onoe, K. *see* Yasui, T. 67273
Onoe, S. *see* Umeda, N. 97090
Onofriichuk, Yu.P. *see* Emets, Yu.P. 57040
Onofrio, R. *see* Carugno, G. 67326
Onokhov, A.P. *see* Karetnikov, A.A. 72457
Onomoto, S. *see* Sakaki, M. 90217
Onomura, M. *see* Rennie, J. 63601
Onomura, M. *see* Saito, S. 54915
Onomura, M. *see* Tohyama, M. 50861
Onopienko, D. *see* Young, K.G. 76765
Onoprich, V.P. *see* Kislenko, V.I. 90002
Onoprienko, D. *see* Benary, O. 53327
Onoprienko, D. *see* Benary, O. 98517
Onoprienko, D. *see* Benary, O. 98640
Onorati, P. *see* Babiloni, F. 76988
Onose, Y. *see* Fukami, A. 71833
Onosovskii, K.K. *see* Katz, M.M. 59406
Onoue, H., Shiono, M. A license number plate extraction in a car image and recognition of all characters containing KANJI 51608
Onozato, H. *see* Ito, Y. 59615
Onozato, Y. *see* Hagiya, N. 85377
Onozato, Y. *see* Shimamoto, S. 64994
Onozawa, Y. *see* Yamasaki, T. 52750
Onozuka, T. *see* Ueno, T. 81627
Onstott, R.G. Polarimetric radar scattering measurements of laboratory grown sea ice 77441
Onstott, R.G., Davidson, K. Coastal ocean studies using shipbased scatterometer during NORCSEX'91 77438
Onstott, R.G., Shuchman, R.A. Arctic sea ice microwave signature and geophysical processes study 77430
Onstott, R.G. *see* Davidson, K.L. 77533
Onstott, R.G. *see* Shuchman, R.A. 77432
Onuchin, A. *see* Benary, O. 53327
Onuchin, A. *see* Benary, O. 98517
Onuchin, A. *see* Benary, O. 98640
Onuchin, A.P. *see* Aulchenko, V.M. 67341
Onuchin, A.P. *see* Aulchenko, V.M. 67341
Onuki, M. *see* Kubota, H. 94283
Onuki, S. *see* Yamada, A. 94535
Onuki, T., Wakao, S., Hattori, T. Hybrid finite and boundary element method applied to nonlinear magnetic field analysis 83426
Onuki, T., Wakao, S., Saito, H., Ikemoto, K. The boundary-element-like estimation of the electromagnetic force in the finite element method 51006
Onuki, T. *see* Sugimura, H. 81539
Onuoha, A. *see* Blayo, N. 71320
Onural, L., Bilge Alp, M., Izzet Gurelli, M. Gibbs random field model based weight selection for the 2-D adaptive weighted median filter 74175
Onural, L., Bozdagi, G., Atalar, A. New high-resolution display device for holographic three-dimensional video: principles and simulations 53005
Onural, L. *see* Bozdagi, G. 74490
Onural, L. *see* Bozdagi, G. 84781
Onural, L. *see* Gurelli, M.I. 51601
Onvural, R. *see* Marin, J. 96489
Onvural, R.O., Nikolaidis, I. Routing in ATM networks 58219
Onvural, R.O., Perros, H.G., Pujolle, G. A bibliography of ATM related papers 64986
Onvural, R.O., Nilsson, A. *(editors)* Local Area Network Interconnection. Proceedings of the First International Conference 60727
Onyky, B.N. *see* Evtihiev, N.N. 72520
Oo Kim Young *see* Young Oo Kim
Ooba, N., Kanbara, H., Tomaru, S., Kurihara, T., Kaino, T. Optical Kerr shutter utilizing symmetrical Π-conjugated dyes dispersed in PMMA 73122
Oodaira, H. *see* Tanaka, T. 92244
Oodaira, H. *see* Tanzawa, T. 70527
Oodan, A. *see* Mullee, T. 65167
Oodo, M. *see* Ando, M. 94959
Oogoe, T. *see* Ohsawa, S. 76312
Oogushi, H. *see* Goto, Y. 62799
Oohashi, H. *see* Weegels, L.M. 55739
Oohashi, Y. *see* Ueda, T. 68320
Oohira, K. *see* Ogiwara, H. 95134
Oohira, M. *see* Ho, S. 50037
Oohori, K. *see* Sakata, S. 82927
Ooi, B.S., Bryce, A.C., Marsh, J.H., Martin, J. Transmission electron microscopy study of fluorine and boron implanted and annealed GaAs/AlGaAs 71288
Ooi, B.T., Lee, H.C., Galiana, F.D., Wolanski, Z., Wang, X., Guo, Y. Real-time computation by parallel DSPS for control and simulation 90112
Ooi, B.T. *see* Dixon, J.W. 100247
Ooi, B.T. *see* Kazerani, M. 90209
Ooi, M. *see* Nakayama, T. 55257
Ooi, Y. *see* Hwang, J. 84851
Ooi Boon Teck *see* Boon Teck Ooi
Ooi Boon-Teck *see* Boon-Teck Ooi
Ooi Lim Han *see* Han Ooi Lim
Ooishi, T., Asakura, M., Tomishima, S., Hidaka, H., Arimoto, K., Fujishima, K. A well-synchronized sensing/equalizing method for sub-1.0-V operating advanced DRAMs 49422
Ooishi, T., Asakura, M., Tomishima, S., Hidaka, H., Arimoto, K., Fujishima, K. A well-synchronized sensing/equalizing method for sub-1.0 V operating advanced DRAMs 70554
Ooishi, T., Hamade, K., Asakura, M., Yasuda, K., Hidaka, H., Miyamoto, H., Ozaki, H. An automatic temperature compensation of internal sense ground for sub-quarter micron DRAMs 70529
Ooishi, T. *see* Asakura, M. 92235
Ooishi, T. *see* Hama, H. 93702
Ooiwa, A. Novel nonrotational piston gauge with weight balance mechanism for the measurement of small differential pressures 66735
Ooiwa, A., Ueki, M., Kaneda, R. New mercury interferometric baromanometer as the primary pressure standard of Japan 66727
Ooiwa, A. *see* Ueki, M. 66729
Ook Kim, Jungwook Yang, Suk-Ki Kim, Wonchan Kim A digital self compensation circuit for high speed D/A converters 70700
Ooka, T. Developments of telephone services. Telephone services in an age of digital networks 85560
Ooki, N. *see* Ishibashi, K. 70536
Oommen, M.P., Kohler, J.L. Effect of three-winding transformer models on the analysis and protection of mine power systems 69294
Oomori, T. *see* Iwabuchi, M. 50073
Oomori, T. *see* Ono, K. 81530

Oomori, T. *see* Usami, M. 70567
Ooms, W. *see* Abrokwah, J.K. 61946
Oomura, Y. *see* Watanabe, Y. 50159
Oomura, Y. *see* Watanabe, Y. 93852
Oonaka, Y. *see* Sasada, I. 73388
Oonishi, K., Koura, M., Furuta, K. A 16-bit microcomputer with an IIC bus interface 92297
Oonishi, T., Kashiwa, T., Fukai, I. Analysis of microstrip antennas on a curved surface using the conformal grids FD-TD method 83821
Oorschot, P.C.van *see* van Oorschot, P.C.
Oorschot, P.van *see* van Oorschot, P.
Oort, J.M.van *see* van Oort, J.M.
Oorui, T. *see* Kogiku, I. 85744
Oosaki, K. *see* Furukawa, H. 83685
Oostdijk, A. *see* Borger, J.B. 77617
Oostens, J. *see* Paciotti, M.A. 76401
Oosterlinck, A. *see* Bellon, E. 85614
Oosterlinck, A. *see* Bellon, E. 88473
Oosterlinck, A. *see* Deknuydt, B. 64690
Oosterlinck, A. *see* Desmet, S. 64655
Oosterlinck, A. *see* Nan Li 74370
Oosterlinck, A. *see* Zhang, D. 77690
Oosthuizen, D.R., Ferreira, H.C., Swarts, F. On renewal inner channels and block code error control super channels 95091
Oota, I., Harada, I., Inoue, T., Ueno, F. High-efficiency control of a switched-capacitor AC-DC converter 78699
Oota, Y. *see* Ohara, M. 58660
Ootera, H. *see* Tanaka, K. 62908
Oothoudt, M.A. Monitoring production target thickness 76740
Oouchi, K. *see* Sakata, S. 82927
Oowaki, I. *see* Shiratake, S. 70528
Oowaki, Y. *see* Takashima, D. 49423
Oowaki, Y. *see* Takashima, D. 49429
Oowaki, Y. *see* Takashima, D. 70543
Oowaki, Y. *see* Tanzawa, T. 70527
Ooyama, M., Hamada, H. A circuit to separate and to connect the exponent part and the mantissa part for URR floating point arithmetic and its application to a URR processor 92092
Op de Beeck, M., Van Driessche, V., Van den hove, L., Dijkstra, H. Lithographic strategies for 0.35 μm poly gates for random logic applications 82060
Op de Beeck, M. *see* Ronse, K. 55841
Opacic, G. Dynamic routing on condition of traffic overload 96278
Opanasenko, A.N. Piecewise nonuniform injector scheme with a variable phase discontinuity 53110
Opanasenko, A.N. Effect of reflections of EH_{11} waves from the ends of an accelerating structure on the dynamics of transverse beam instability 76395
Opanasenko, A.N. *see* Ivanov, G.M. 76290
Opara, R. *see* Trontelj, J. 98272
Oparin, S.N. *see* Mikerov, V.I. 74015
Opekar, F. Measurement of electrode potentials in electrochemical systems with solid polymer electrolytes against common reference electrodes 97979
Opelli, P. *see* Ranucci, E. 52824
Openshaw, J.P., Mason, J.S. A review of robust techniques for the analysis of degraded speech 84174
Openshaw, J.P., Sun, Z.P., Mason, J.S. A comparison of composite features under degraded speech in speaker recognition 84049
Opila, R.L. *see* Passlack, M. 56091
Opila, R.L. *see* Ray, U. 92716
Opila, R.L. *see* Schubert, E.F. 56511
Opitz, B., Kohl, A., Kovac, J., Brittner, S., Grunberg, F., Heime, K., Woitok, J. Wannier-Stark effect in $In_xGa_{1-x}As/In_yGa_{1-y}As$ superlattices of different compositions on InP 56556
Opitz, B. *see* Marquardt, E. 71107
Opmeer, P. *see* Bosiers, J.T. 66077
Opmeer, P. *see* Bosiers, J.T. 87283
Opmeer, P. *see* Centen, P. 97689
Opoku, G. *see* Al-Shehri, A.M. 68030
Opower, H. *see* Giesen, A. 56668
Oppen, A.C.C.van *see* van Oppen, A.C.C.
Oppenheim, A.V., Weinstein, E., Zangi, K.C., Feder, M., Gauger, D. Single-sensor active noise cancellation 51468
Oppenheim, A.V. *see* Cuomo, K.M. 85207
Oppenheim, A.V. *see* Weinstein, E. 57547
Opper, J. *see* Niedringhaus, W.P. 58111
Oppers, J. *see* Centen, P. 97689
Oppliger, Y. *see* Wilke, I. 52857
Oppo, G.-L., Brambilla, M., Camesasca, D., Gatti, A., Lugiato, L.A. Spatiotemporal dynamics of optical parametric oscillators 63941
Oppo, G.-L. *see* Solari, H.G. 82891
Oppo, G.L., Brambilla, M., Camesasca, D., Lugiato, L.A. Spatiotemporal instabilities in an optical parametric oscillator 94626
Opre, V.M. *see* Gromovenko, V.M. 60292
Oprea, A. *see* Goldenblum, A. 62316
Opris, I.E., Kovacs, G.T.A. Fast precision voltage rectifier 70296
Opris, I.E., Kovacs, G.T.A. Analogue median circuit 80506
Opsal, J. *see* Fanton, J.T. 76207
Op't Eynde, F. A power metering ASIC with a sigma-delta-based multiplying ADC 99793
Or-Chen, Y. *see* Bareket, R. 74521
Or-Guil, M. *see* Niedernostheide, F.-J. 49954
Orady, E. *see* Haili Pan 59004
Oraee, H. A simplified method for computer aided design of single phase induction motors 100151
Oraevskii, A.N. *see* Bandy, D.K. 82881
Oraevsky, A.N., Jones, D.J., Bandy, D.K. A theory of resonant bistability in a thin-layer optical element 83313
Oraevsky, A.N., Jones, D.J., Bandy, D.K., Tittel, F.K. A theory of optical cavityless bistability in a thin-layer element 94632
Orailoglu, A., Karri, R. DEFect Tolerant layout synthesis 71747
Orailoglu, A., Karri, R. Coactive scheduling and checkpoint determination during high level synthesis of self-recovering microarchitectures 80358
Orailoglu, A. *see* Goodby, L. 93604
Orailoglu, A. *see* Harris, I.G. 49219
Orailoglu, A. *see* Harris, I.G. 92024
Orailoglu, A. *see* Harris, I.G. 92105
Orailoglu, A. *see* Hogstedt, K. 92261
Orailoglu, A. *see* Karri, R. 49065
Orailoglu, A. *see* Karri, R. 55065
Orailoglu, A. *see* Karri, R. 91709
Orain, H. *see* Tonneau, D. 49813
Oral, B., Ece, M. Nucleation of diamond on graphitic carbon 70093
Oral, B. *see* Ece, M. 70131
Orange, C.M., Groen, F.C.A. Magnetic contour tracing 74417
Orans, R., Woo, C.K., Pupp, R., Horowitz, I. Demand-side management and electric power exchange 89061
Orantes, J.L. *see* Pelaz, L. 49952
Orava, R. *see* Ahlen, S. 98641
Orava, R. *see* Huhtinen, M. 59073
Oravec, J. *see* Benda, O. 57165
Oravec, M. Kohonen and Grossberg learning in neural networks for image compression 74294
Oravsky, J.P. *see* Dye, T.E. 60649
Orazi, R.J., McLandrich, M.N. Bidirectional transmission at 1.55 microns using fused fiber narrow channel wavelength division multiplexors and erbium-doped fiber amplifiers 52600
Orban-Ferauge, F., Rassom, J.P., Granville, V. Application of the behavioral approach for supervised classification of remote sensing data 77290
Orban-Ferauge, F. *see* Rasson, J.P. 64844
Orban-Ferauge, F. *see* Rasson, J.P. 77688
Orbeck, T. *see* Freeman, W.B. 90302
Orbukh, V.I. *see* Lebedeva, N.N. 55560
Orcel, G. *see* Sommer, R.G. 82613
Orchard, B.J. *see* Wolf, S.N. 77546
Orchard, H.J. *see* Willson, A.N., Jr. 92374
Orchard, M.T., Ramchandran, K. An investigation of wavelet-based image coding using an entropy-constrained quantization framework 57905
Orchard, M.T., Sullivan, G.J. Overlapped block motion compensation: an estimation-theoretic approach 84778
Orchard, M.T. *see* Deutsch, C. 64689
Orchard, M.T. *see* Nosratinia, A. 84994
Orchard, M.T. *see* Xiong, Z. 85050
Orchard, M.T. *see* Zixiang Xiong 95958
Orchard-Webb, J.H. The use of test structures to identify leakage failure mechanisms in CMOS inputs 50096
Orchard-Webb, J.H. Simplified protection system for pad limited CMOS circuits 62983
Orcioni, S. *see* Conti, M. 93658
Orcioni, S. *see* Contii, M. 70812
Ordano, L. *see* Mattiello, C. 65563
Ordonez, C.E., Mintzer, R.A., Aarsvold, J.N., Yasillo, N.J., Matthews, K.L. Simulation of imaging with NaI(Tl) crystals and position-sensitive photomultiplier tubes 98848
Ordonez, C.E., Mintzer, R.A., Aarsvold, S.N., Yasillo, N.J., Matthews, K.L. Simulation of imaging with sodium iodide crystals and position-sensitive photomultiplier tubes 88434
Ordonez, C.E. *see* Yasillo, N.J. 98821
Ordoqui, E.J., Zorzan, C.G., Campetelli, G.N., Gomez, J.C. The effect of steady pre-loading on the performance of HRC fuses 100395
O'Regan, G. *see* Mac An Airchinnigh, M. 96454
Oreglia, M. *see* Castagneri, G. 64341
O'Reilly, C.T. *see* Tessier, B. 88825
O'Reilly, E.P., Adams, A.R. Band-structure engineering in strained semiconductor lasers 63771
O'Reilly, E.P. *see* Forstmann, G.G. 63821
O'Reilly, E.P. *see* Schneider, H. 72876
O'Reilly, E.P. *see* Silver, M. 63784
O'Reilly, J., Lane, P. Remote delivery of video services using mm-waves and optics 52686
O'Reilly, J.J., Appleton, C.J. Affect of self-homodyne beat noise on optical fibre transmission networks 82572
O'Reilly, J.J., Lane, P.M. Fibre-supported optical generation and delivery of 60 GHz signals 75507
O'Reilly, J.J. *see* Bian, Y. 73598
O'Reilly, J.J. *see* Popplewell, A. 64295
O'Reilly, J.J. *see* Popplewell, A. 64296
O'Reilly, J.J. *see* Zhang, S.L. 58442
O'Reilly, P., Chong, H.F., Sivey, R., Lattanzi, L. Experiences in prototyping the intelligent network 85940
Orekhov, I.V. *see* Barabanov, I.R. 59170
Orelovich, O.L. *see* Apel, P.Yu. 88190
Oren, R. *see* McDonald, K.C. 67870
Oren, R. *see* Way, J. 77297
Oren, W. *see* Schneider, W.J. 76709
Oren, Y. *see* Benary, O. 53327
Oren, Y. *see* Benary, O. 98517
Oren, Y. *see* Benary, O. 98640
Orendac, M. *see* Bunda, V. 72211
Orendac, M. *see* Mojzis, M. 98354
Orendac, N. *see* Yurkin, I.M. 71945
Orendacova, A. *see* Bunda, V. 72211
Orendi, H. *see* Sekkat, Z. 82747
Orengo, G. *see* Giannini, F. 80873
Oreshkin, A.I. *see* Vasil'ev, S.I. 93770
Oreshkin, S.I. *see* Vasil'ev, S.I. 93770
Oresjo, S. Boundary scan—a paradigm shift for test engineers 87024
Orestano, D. *see* Moers, T. 67364
Orfei, R. *see* Dobrowolny, M. 88635
Orgon, M. The first Czecho-Slovak power insulated gate bipolar transistors 62789
Orgon, M., Breza, J., Partyk, B., Szedlak, Z., Redhammer, R. The modified Kaw's model based on rectangular voltage pulses for the calculation of the charge pumping current in MIS transistors 93484
Orgon, M., Partyk, B., Lopusnik, P. The educational program "The Technology of Integrated Circuits" 62631
Orhanovic, N., Tripathi, V.K. Time domain simulation of three dimensional microwave structures by the method of characteristics 80597
Orichi, A., Koch, D.B. Performance of a frequency hop spread spectrum multiple access radio network in a factory environment 86218
Oriel, J.T. Operationism and engineering specification writing 90739
Origa de Oliveira, L.C., Pennafiel, R.U. Static converter: didactic support software 79198
Orihara, K., Minami, K., Nakano, T., Hatano, K., Furumiya, M., Mutoh, N., Ohbo, M., Hokari, Y. New shunt wiring technologies for high performance HDTV CCD image sensors 66047
Orihara, K. *see* Morimoto, M. 97662
Orihara, K. *see* Mutoh, N. 98090
Orii, S., Sekino, T., Ohta, M. Quarter micron lithography system with oblique illumination and pupil filter 71522
Orikasa, T. *see* Akaishi, A. 57258
Orimo, T. *see* Nagata, H. 58561
Orisaka, S. *see* Inoue, A. 70900
Oristaglio, M. *see* Tsili Wang 83425
Oristaglio, M.L. *see* Habashy, T.M. 83602
Orive, D., Marcos, M., Garai, J. A methodology for integrating control devices in IEEE 802.3 networks 58112
Orive, R. *see* Gonzalez-Vera, P. 69812
Orkis, R. *see* Preston, E. 87299
Orkis, R. *see* Preston, E. 87302
Orkis, R.E. F-16 retrofit application using a modular avionics system architecture and color active matrix liquid crystal displays 77154
Orlandi, G. *see* Benvenuti, C. 59028
Orlandi, G. *see* Benvenuti, C. 98478
Orlando, A. *see* Costanzo, G. 75834
Orlando, A. *see* Griffiths, B. 59499
Orlando, H., Luu, T. Modulation transfer function (MTF) analysis for a FLIR system with nonlinear video electronics 58840
Orlando, H. *see* Lopez, M. 59622
Orlando, J. Dealing with the problems associated with minimum loads 89074
Orlando, R.A. *see* Drago, G. 83495
Orlando, T.P. *see* Berman, D. 82387
Orlando, T.P. *see* Lee, L.H. 50397
Orletskii, V.B. *see* Tetyorkin, V.V. 58754
Orlic, D., Dukic, S. EDIFACT standard in electronic data interchange 74888
Orlikowski, M. *see* Adamczewska, D. 70962
Orlitsky, A. *see* Alon, N. 95206
Orlitsky, A. *see* Roychowdhury, V.P. 74632
Orloff, G.J. RIE control by optical emission endpoint detection in IRFPA production 93244
Orloff, G.J., Hurst, J.H. Gas distribution effects on electron cyclotron resonance deposition reactions 79969
Orloff, G.J., Smith, P.B. Examination of hydrogen etched mercury cadmium telluride by spectroscopic ellipsometry 93205
Orloff, J. *see* Gillick, L. 84071
Orloff, J. *see* Roth, R. 84111
Orlov, A.V., Petukhov, V.S. Determination of cloud electrical structure by the single-value decomposition method 77383
Orlov, A.V., Petukhov, V.S. Interpretation of the electrical structure of clouds with the aid of a singular expansion 94729
Orlov, D. *see* Hazen, E. 88227
Orlov, D. *see* Hazen, E. 98699
Orlov, L.K. *see* Gavrilenko, V.I. 55608
Orlov, L.N. *see* Gaiko, O.L. 63664
Orlov, L.N. *see* Gaiko, O.L. 82899
Orlov, S.A. On some features of the designing of filters with waveguide propagation of surface acoustic waves 50168
Orlov, S.A. *see* Zhgoon, S.A. 55324
Orlov, V.B. *see* Bragilevskii, E.L. 60499

Orlov, Y. Equivalent equations and incoherent lifetime calculated from e^+e^eam-beam simulation 87866
Orlova, E.V., Petrovsky, V.I., Pevtsov, E.F., Sigov, A.S., Vorotilov, K.A. Ferroelectric thin films for microelectronics applications 56153
Orlova, I.B. *see* Gorlanov, A.V. 72967
Orlowska-Kowalska, T. State and parameter observers for the induction motor 54023
Orlowska-Kowalska, T., Banaszewski, A., Kowalski, C.T. Some problems of microcomputer realization of the induction motor state observers 54024
Orlowski, M. *see* Perera, A.H. 93123
Orlowski, M. *see* Tat-Kwan Yu 93174
Orme, C. *see* Orr, B.G. 91508
Ormes, J.F. *see* Hof, M. 67310
Ormhaug, T. *see* Kure, O. 58179
Ormondt, D.van *see* van Ormondt, D.
Ormsby, A.R.T. *see* Lee, M.H. 80065
Ornaghi, A. *see* Narducci, D. 66556
Ornatskii, I.A. *see* Kononenko, A.G. 87547
Orndoff, D. *see* Almasque, J. 89174
Ornellas, R.P. *see* Leong, J.L. 89439
Ornov, V.G. *see* Dyakov, A.F. 99564
Orobitg, J. *see* Mattila, P. 91340
Oron, M. *see* Eger, D. 63440
Oros, V.M. *see* Alebastrov, V.A. 64148
O'Rourke, J., Brooks, J.S., Bell, N.A., Thorpe, S.C. Fe-57 Mossbauer study of iron phthalocyanine 87334
O'Rourke, T.P., Stevenson, R.L. Improved image decompression for reduced transform coding artifacts 64653
Orozco, J. *see* Santos, J. 58139
Orozco, J. *see* Santos, J. 85838
Orpen, C. The effects of work and nonwork experiences on intentions to leave among female engineers 69473
Orpen, O. *see* Mathisen, T. 97481
Orphanos, G., Kanellopoulos, D., Koubias, S., Papadopoulos, G. Adaptation concepts for OSI protocols to support multimedia communication requirements 65063
Orr, B.G., Johnson, M.D., Orme, C., Sudijono, J., Hunt, A.W. An STM and AFM study of gallium arsenide grown by molecular beam epitaxy 91508
Orr, B.G. *see* Gianchandani, Y.B. 97924
Orr, B.W. *see* Matrosov, S.Y. 99212
Orr, J.A., Eisenstein, B.A. Summary of innovations in electrical engineering curricula 60776
Orr, J.A. *see* Cyganski, D. 60782
Orr, M.J.L. *see* Fisher, R.B. 84890
Orr, M.N. *see* Teowee, G. 56133
Orr, N.A. *see* Auger, G. 98385
Orr, R. *see* Sweeney, J. 84265
Orr, R.E. *see* Plumettaz, G. 75422
Orrell, D., Turner, J., Giavonnoni, P., Kircher, F., Lyraud, C., Perot, J., Rifflet, J.M., Vedrine, P. Mechanical, thermal and electromagnetic design of a superconducting quadrupole for the SSC 87680
Orriols, G. *see* Li Shenping 94634
Orriols, G. *see* Shenping Li 63985
Orris, D. *see* Jaffery, T.S. 76656
Orsatti, D. *see* Calvignac, J. 85704
Orsi, T.H., Anderson, A.L. Computed tomography of biological structures in marine sediments 77560
Orsula, G.W. *see* Thackeray, J.W. 81625
Orszag, S. *see* Spence, C. 71754
Orszag, S.A. *see* Barouch, E. 71493
Orta, R., Savi, P., Tascone, R. COBRA: a computer code for the backscattering analysis of complex objects 58467
Ortega, A., Zhang, Z., Vetterli, M. A framework for optimization of a multiresolution remote image retrieval system 64754
Ortega, A., Zhensheng Zhang, Vetterli, M. Modeling and optimization of a multiresolution remote image retrieval system 64687
Ortega, A. *see* Lall, B.S. 92702
Ortega, A. *see* Ramchandran, K. 84767
Ortega, A. *see* Ramchandran, K. 85029
Ortega, A. *see* Sugavanam, R. 92703
Ortega, C. *see* Morazzani, V. 49767
Ortega, J. *see* Parrilla, L. 92137
Ortega Borges, R. *see* Thouin, L. 81260
Ortega-Borges, R., Froment, M., Vedel, J., Lincot, D. Growth mechanism and properties of chemically deposited cadmium sulfide thin films 79875
Ortega-Garcia, J. *see* Alvarez-Cercadillo, J. 73825
Ortenberg, M.von *see* von Ortenberg, M.
Orth, B. The OPAL field trials in Germany 1990-1993: overview and results 52525
Ortiz, B. *see* Sageev, P. 90818
Ortiz, C., Skorek, A., Sevigny, A., Zaremba, M. Electrothermal modeling of induction motor using FLUX2D numerical code 89943
Ortiz, C.R. *see* Pasala, K.M. 73259
Ortiz, G.G. *see* Javadi, H.H.S. 97217
Ortiz, G.Rodriguez *see* Rodriguez Ortiz, G.
Ortiz de Solorzano, A. *see* Saenz, C. 59159
Ortiz-Alfaro, M.E. *see* Sanz-Bobi, M.A. 78438
Ortiz-Conde, A., Liou, J.J., Garcia Sanchez, M., Garcia Nunez, G., Anderson, R.L. Series resistance and effective channel length extraction of n-channel MOSFET at 77 K 49991
Ortiz-Conde, A., Liou, J.J., Wong, W., Garcia Sanchez, F.J. Simple method for extracting the difference between the drain and source series resistances in MOSFETs 62780
Ortiz-Conde, A. *see* Batarseh, I. 100298
Ortiz-Conde, A. *see* Garcia Sanchez, F.J. 62760
Ortiz-Conde, A. *see* Qian, J. 100230
Ortlepp, H.-G. *see* Fomichev, A.S. 53328
Ortlepp, H.-G. *see* Pausch, G. 98513
Ortler, G., Boss, H. Analysis of digital radio signals with spectrum analyzers of FSx family 52387
Ortmanns, J. *see* Kubicki, T. 67305
Ortmeyer, T.H., Ahmed-Zaid, S., Mukundan, R., Boutwell, D. A fuzzy velocity controller for DC drives 69100
Ortmeyer, T.H. *see* Akram, M.F. 78049
Orton, J.W., Dawson, P., Lacklison, D.E., Cheng, T.S., Foxon, C.T. Recombination lifetime measurements in AlGaAs/GaAs quantum well structures 81324
Orton, J.W. *see* Foxon, C.T. 54836
Orton, P.A., Ayandokun, K., Sherkat, N., Thomas, P.D. A fibre optic rotary motion sensor for the real-time condition monitoring of rotating machinery 52926
Oruc, A.Y. *see* Chien, M.V. 96914
Oruc, A.Y. *see* Ming-Bo Lin 80359
Oruc, A.Yavuz *see* Yavuz Oruc, A.
Orudzhaliev, M.N. *see* Bushuev, V.A. 57178
Oruganti, R. *see* Liang, Y.C. 80132
Oruganti, R. *see* Phua Chee Heng 100265
Orvek, K., Ferrari, J., Dass, S., Corliss, D., Buchanan, J., Piasecki, M.A. A comparison of I-line and deep-UV technologies for 0.35 μm lithography 71488
Orvosh, D., Davis, L. Using a genetic algorithm to optimize problems with feasibility constraints 91320
Orvosh, D. *see* Davis, L. 58077
Orwig, L. *see* O'Brien, J.D. 88748
Orwig, L.P., Ibsen, P.M., Maney, H.D., O'Brien, J.D., Holt, H.D., Jr. Use of interferometric SAR for height measurement and discrimination 77788
Orwig, L.P. *see* Griffin, M.F. 86553
Orzeszko, S. *see* Girbert, K.-H. 78901
Osafune, K., Yamauchi, Y. 20-GHz 5-dB-gain analog multipliers with AlGaAs/GaAs HBTs 49675
Osaka, A. *see* Okumura, T. 50345
Osaka, F., Ishikawa, T., Tanaka, N., Lopez, M., Matsuyama, I. Scanning tunneling microscopy of Cl_2-gas etched GaAs (001) surfaces using an ultrahigh vacuum sample transfer system 93191
Osaka, J. *see* Homma, Y. 54871
Osaka, K. *see* Fujita, I. 86426
Osaka, K. *see* Ogata, S. 89269
Osaka, T., Homma, T., Watanabe, T., Kurokawa, Y. Evaluation of double-layered magnetic recording medium composed of perpendicular and longitudinal anisotropy layers 56222
Osaka, T., Homma, T., Watanabe, T., Kurokawa, Y. Optimization of head-medium parameters for electroless CoNiReP/NiFeP double-layered media using ring-type heads 72091
Osaka, T., Momma, T., Nishimura, K., Kakuda, S., Ishii, T. Application of solid polymer electrolyte to lithium/polypyrrole secondary battery system 78794
Osaka, T. *see* Homma, T. 72038
Osaki, H., Kurihara, J., Kanou, T. Mechanisms of head-clogging by particulate magnetic tapes in helical scan video tape recorders 75761
Osaki, M., Nakagawa, M., Hirota, O., Ojima, I. A study for new operator representation on the linear attenuation quantum channel 83884
Osama, M., Sakkoury, K., Lipo, T.A. Transient behavior comparison of saturated induction machine models 89955
Osanna, P., Menschik, F., Rezaie, K., Durakbasa, N.M., Oberlaender, R. Utilization of form measurements in biomechanics and endo prosthesis to improve the kinematics of human joints 77061
Osanna, P.H. Quality assurance through metrology for the improvement of capability and environmental compatibility of products and installations 69590
Osanna, P.H., Prostrednik, D., Heiss, C.P., Sarigul, E. Low-cost solution sets for nanotechnology 75872
Osanna, P.H., Tscholakoff, D., Kolev, D. Exchange-building as a basis for a rule-based CAD/CAQ data interface for technological parameter transmission in automated production 69602
Osanna, P.H. *see* Liangxin Si 76198
Osanna, P.H. *see* Rezaie, K. 77060
Osano, K. *see* Nago, K. 72044
Osawa, H., Kurihara, Y., Okamoto, Y., Nishida, Y., Muraoka, H., Nakamura, Y. Performance of partial response system in perpendicular magnetic recording 63214
Osawa, H., Saeki, I., Okamoto, Y. Error probability of PRML system considering correlation of colored noise 85203
Osawa, M. An automatically controlled reflectance spectrophotometry system using fiber-optic probe with contact sensors for clinical use 88370
Osawa, M., Arai, Y., Ando, Y., Wada, T., Stein, M.A. Superminiaturized double-balanced mixer-modulator for SMT by thick film print/fire process 80201
Osawa, Y., Kitsunai, M., Hosono, T. High-voltage vacuum circuit breaker "MULTI-VCB" 100391
Osber, S., Jiang, A., Engquist, B. A refinement of fast wavelet based algorithms for linear initial value problems 54807
Osbond, P.C. *see* Whatmore, R.W. 58761
Osborn, C.T. *see* Baeder, B.T. 67943
Osborn, D.E. DSM technology uses solar heating 89750
Osborn, R., Arias, A. A cool way to splice cable 78133
Osborne, C.F. *see* Tirkel, A.Z. 70204
Osborne, I.S., Hata, N., Ganguly, G., Matsuda, A. The effect of mesh bias and substrate bias on the properties of a-Si:H deposited by triode plasma chemical vapour deposition 91581
Osborne, J. *see* Sokkarie, A. 84860
Osborne, J.H., Romero, J.L., Brady, F.P., Hjort, E.L., Caskey, W.P., Kintner, J.C., Mayo, D.R., Sorenson, D.S., Ullmann, J.L. A compact system with live converter for neutron spectrum measurements 59212
Osborne, L.S. *see* McNeil, R.R. 87988
Osborne, M. Switching off the down side [oscillators] 91942
Osborne, M.R. *see* Fieret, J. 63666
Osborne, R. *see* Harten, P.A. 86415
Osborne, R. *see* Huber, M.N. 86396
Osborne, W.P. *see* Carden, F. 51357
Osborne, W.P. *see* Ross, M.D. 73768
Osbourn, S.J. *see* Fieret, J. 63666
Osburn, C. *see* El-Kareh, B. 62969
Osburn, C.M. *see* Markus, K. 93213
Oscarsson, F., Lindblad, A. Wideband HF receiver with digital quadrature splitting 75211
Oschsner, H. Mobile communication: services for everyone. 1. Voice communication 86191
Osella, G. *see* Bava, G.P. 50844
Osentowski, T.D. *see* Kish, F.A. 56567
Oser, T.M. *see* Vaman, D.R. 85251
Osetrov, S.B. *see* Avignone, F.T. 67288
Osetrov, S.B. *see* Sagdeev, I.R. 59153
Osgood, R.K. *see* Geiselman, E.E. 67697
Osgood, R.K. *see* Geiselman, E.E. 99074
Osgood, R.K. *see* Storey, B.A. 67692
Osgood, R.M. *see* Villeneuve, A. 72357
Osgood, R.M., Jr. *see* Eldada, L. 94182
Osgood, R.M., Jr. *see* Ilic, I. 72415
Osgood, R.M., Jr. *see* Levy, M. 72495
O'Shaughnessy, D. Analysis and automatic recognition of false starts in spontaneous speech 84132
O'Shaughnessy, D. *see* Ismail, N. 69192
O'Shaughnessy, D. *see* Kenny, P. 84115
O'Shaughnessy, D. *see* Yan Ming Cheng 95243
O'Shaughnessy, K. *see* Barberis, E. 88104
O'Shaughnessy, K. *see* Barberis, E. 98609
O'Shea, D. Fiber speeds testing convergence 97360
O'Shea, V. *see* Beaumont, S.P. 88037
Osheba, S.M. *see* Morsy, G.A. 100081
Oshelski, S. *see* Ackmann, P. 69544
Oshi, T. *see* Takasu, N. 68685
Oshiba, S. *see* Arahira, S. 63824
Oshida, M. *see* Kamiyama, S. 93536
Oshida, Y. *see* Watanabe, M. 71534
Oshiki, M. *see* Tanaka, S. 50234
Oshikiri, M., Inoue, E., Kiyoshi, T., Takeuchi, T., Itoh, K., Takehana, K., Kosuge, M., Iijima, Y., Maeda, H. 21.1 T superconducting magnet with 50 mm clear bore 82502
Oshikiri, M. *see* Asano, T. 83560
Oshikiri, M. *see* Asano, T. 83569
Oshikiri, M. *see* Atsumi, S. 49426
Oshikiri, M. *see* Isono, T. 82466
Oshikiri, M. *see* Kiyoshi, T. 82473
Oshikiri, M. *see* Nakajima, H. 72261
Oshikiri, M. *see* Takahashi, Y. 72219
Oshikiri, M. *see* Umezawa, A. 70562
Oshikiri, M. *see* Yoshikawa, K. 61725
Oshima, H. Engineers study harsh conditions in cars to cultivate top-notch capacitors 70948
Oshima, H. Video recording technology and its prospects 75755
Oshima, K. *see* Saito, H. 65523
Oshima, K. *see* Sato, N. 79025
Oshima, K. *see* Yamanaka, H. 75161
Oshima, M. *see* Mizuguchi, H. 94097
Oshima, M. *see* Sugiyama, M. 81503
Oshima, M. *see* Ueshiba, T. 51658
Oshima, S. *see* Inoue, K. 82485
Oshima, S. *see* Tokumasu, T. 89793
Oshima, T., Sano, M., Yamada, A., Konagai, M., Takahashi, K. Effects of SiH_2Cl_2 on low-temperature ($\leqslant$200°C) Si epitaxy by photochemical vapor deposition 69963
Oshima, Y., Yoshinaga, K., Yamaguchi, S., Morita, T., Morisaki, S., Kawana, M., Kodachi,

T. CMOS ultra high speed line interface chip for 622 Mbps B-ISDN 96931
Oshima, Y., Yoshinaga, K., Yamaguchi, S., Morita, T., Morisaki, S., Kawana, M., Kodachi, T. A single CMOS SDH termination chip for 622 Mb/s STM-4C 97328
Oshima, Y. *see* Shimizu, T. 86905
Oshino, N. *see* Otani, Y. 87507
Oshinowo, J., Nishioka, M., Ishida, S., Arakawa, Y. Highly uniform InGaAs/GaAs quantum dots (~15 nm) by metalorganic chemical vapor deposition 79818
Oshinowo, J. *see* Forchel, A. 55637
Oshio, R. *see* Saiki, A. 62438
Oshio, T. *see* Nakatani, N. 76017
Oshio, T. *see* Uchida, S. 99725
Oshita, F.K. *see* Martin, M.Z. 93330
Oshita, H. *see* Toyama, S. 66792
Oshitani, K. *see* Kawabata, O. 68764
Oshitani, M. *see* Hasegawa, K. 78797
Oshiyama, A. *see* Byung Deok Yu 54825
Oshkanov, N.N., Sheinkman, A.G., Govorov, P.P. Analysis of the operational reliability of a power-generating unit with a BN-600 reactor during the period 1980-1993 99914
Osiceanu, P. *see* De Coster, W. 49806
Osinski, J.S., Dzurko, K.M., Major, J.S., Jr., Parke, R.A., Welch, D.F. Electronically tunable, 1-W CW, near-diffraction-limited monolithic flared amplifier-master oscillator power amplifier (MFA-MOPA) 83085
Osinski, J.S., Mehuys, D., Welch, D.F., Dzurko, K.M., Lang, R.J. High-power, spectrally coherent array of monolithic flared amplifier-master oscillator power amplifiers (MFA-MOPAs) 94509
Osipenko, V.A. *see* Borodina, I.A. 71211
Osipenkov, V., Vesnin, S.G. Microwave filters of parallel-cascade structure 70841
Osipov, D.V. *see* Betin, A.A. 82900
Osipov, O.I., Suvorov, G.V., Butakov, S.M., Gerber, S.V. Microprocessor diagnostic approaches for thyristor electric drives 60498
Osipov, V.N. *see* Anashin, V.V. 98393
Osipov, V.Yu. Optically implemented two-dimensional Fourier analysis of complex interference fields 51701
Osipov, V.Yu. *see* Boitsov, S.K. 62340
Osipov, Yu.M. Control of gearless electric drives 60496
Osipova, E.A. *see* Belolaptikov, I.A. 59156
Osman, M.A. *see* Dewey, J. 62153
Osman, M.A. *see* Nintunze, N. 63553
Osman, M.A. *see* Nintunze, N. 94256
Osman, M.S.A., Hughes, J.B., Abdel-Fadel, A.M.A. Finding efficient solutions to large scale quadratic vector optimization problems (LSQVOP's) 91334
Osman, M.S.A., Lee, S.M., Sarhan, A.E.M., El-Sawy, A.A., El-Wahed, W.F.A. An interactive approach to solve goal programming problems 91332
Osman, M.S.Ali *see* Ali Osman, M.S.
Osman, M.Y., Elmasry, M.I. Highly testable design of BiCMOS logic circuits 61647
Osman, N., Koshiba, M., Kaji, R. A comprehensive analysis of multilayer channel waveguides 64195
Osman, R.H. Compatibility issues—adjustable speed drives and standby generators 60546
Osman-Allu, N.A. Telecommunity—technology and services to integrate deaf people at work 53466
Osmanov, N.S. *see* Varfolomeev, A.A. 53119
Osmanov, N.S. *see* Varfolomeev, A.A. 53121
Osmanov, S.V. *see* Varfolomeev, A.A. 53036
Osmokrovic, P. Influence of switching on dielectric properties of vacuum interrupters 54116
Osmokrovic, P., Arsic, N., Lazarevic, Z., Kusic, D. Numerical and experimental design of three-electrode spark gap for synthetic test circuits 78233
Osofsky, M.S. *see* Kim, C.C. 53077
Osofsky, S.S. *see* Yarbrough, A.D. 81959
Osolikhin, L.V. *see* Prokofev, A.E. 83219
Osorio, R. *see* Chi-Taou Tsai 91038
Ososanya, E.T., McGlone, M.D., Strong, T.D. VLSI design of a bus arbitration module for the 68000 series of microprocessors 80378
Ososkov, G. *see* Kisel, I. 88211
Osotchan, T., Chin, V.W.L., Vaughan, M.R., Tansley, T.L., Goldys, E.M. Electronic band structure of $Al_xGa_{1-x}As/Al_yGa_{1-y}As/GaAs$ double-barrier superlattices 93035
Osowski, M.L. *see* Cockerill, T.M. 72917
Osowski, M.L. *see* Smith, G.M. 50821
Osowski, M.L. *see* Smith, G.M. 72912
Osowski, S. SVD technique for estimation of harmonic components in a power system: a statistical approach 99415
Ospanov, K.T. *see* Obodovskii, I.M. 76780
Osprey, J.S., Owler, A.M. Design considerations for pressurized enclosures with containment systems according to the second edition of EN 50016 53986
Osredkar, R. Spin-on-glass material curing and etching 62455
Ossart, F. *see* Neagoe, C. 83475
Ossart, F. *see* Pera, T. 63134
Ossau, W. *see* Waag, A. 69995
Ossenbrink, H.A., Zaaiman, W., Bishop, J. Do multi-flash solar simulators measure the wrong fill factor? 100718
Ossowicki, J., Cwidak, K. Copper fuse-elements in HBC fuses for protection of circuits with HV motors 89801
Ossowicki, J. *see* Lipski, T. 90266
Ossowski, M. Searching for multiple DC solutions of diode-transistor circuits using deflation techniques 91862
Ostacoli, M. *see* Boni, A. 49505
Ostalczyk, P., Kacerka, J. Transient phenomena simulation of special 2 DC electrical drive 69042
Ostankov, A. *see* Badier, J. 87982
Ostapenko, S.S., Jastrzebski, A.L., Lagowski, J., Sopori, B. Increasing short minority carrier diffusion lengths in solar-grade polycrystalline silicon by ultrasound treatment 81204
Ostar, L.M. *see* Wood, T.H. 72445
Ostashev, V.E., Zubkov, A.A., Lebedev, E.F., Ul'yanov, A.V. Formation and evolution of a current-plasma armature in a magnetoplasma accelerator of macrobodies 57063
Ostberg, O. *see* Greaves, C. 64380
Ostebo, R. System-effectiveness assessment in offshore field development using life-cycle performance simulation 60670
Osten, H.J. Kinetic suppression of islanding in impurity-mediated heteroepitaxial growth of germanium on silicon 54818
Osten, H.J. Modification of growth modes in lattice-mismatched epitaxial systems: Si/Ge 91538
Osten, H.J., Bugiel, E., Zaumseil, P. Growth of an inverse tetragonal distorted SiGe layer on Si(001) by adding small amounts of carbon 61315
Osten, H.J., Klatt, J. In situ monitoring of strain relaxation during antimony-mediated growth of Ge and $Ge_{1-y}C_y$ layers on Si(001) using reflection high energy electron diffraction 70041
Osten, W., Juptner, W., Mieth, U. Knowledge assisted evaluation of fringe patterns for automatic fault detection 75852
Ostendarp, H. *see* Weck, M. 63920
Ostendorf, H.-C., Schwarz, R., Kusian, W., Kruhler, W. CPM-characterization of light and current stressed a-Si:H diodes with nin, pip and pin structures 100536
Ostendorf, M. *see* Kannan, A. 64372
Ostendorf, M. *see* Kannan, A. 84041
Ostendorf, M. *see* Veilleux, N.M. 73843
Ostendorf, M. *see* Wightman, C.W. 95237
Ostendorf, R. *see* Bootsma, T.M.V. 98638
Oster, R., Brush, G. PCS: hands-on communications for all 58088
Osterberg, K. *see* Huhtinen, M. 59073
Osterberg, P. *see* Xuejun Cai 66269
Osterberg, U. *see* Olson, T. 56917
Osterberg, U. *see* Weitzman, P.S. 56372
Osterberg, U. *see* Weitzman, P.S. 63971
Osterfeld, M. *see* Biebricher, M. 56464
Osterfeld, M. *see* Franke, H. 58902
Ostergaard, D. *see* Gyimesi, M. 83506
Ostergaard, J. *see* Cannon, P.S. 94811
Ostergard, P.R.J. New upper bounds for the football pool problem for 11 and 12 matches 69729
Osterhaus, W.K.E. Office lighting: a review of 80 years of standards and recommendations 69195
Osterheld, A.L. *see* Shlyaptsev, V.N. 50719
Osterheld, A.L. *see* Wan, A.S. 50741
Osterheld, A.L. *see* Wan, A.S. 72666
Osterhoudt, R.A. Army radio packaged for high reliability 99393
Osteria, G. *see* Ambrosio, M. 53341
Osterloh, G. *see* Durselen, A. 52679
Ostermann, J. Object-based analysis-synthesis coding based on the source model of moving rigid 3D objects 64834
Ostermann, J. Object-based analysis-synthesis coding (OBASC) based on the source model of moving flexible 3-D objects 84780
Ostermeier, A. *see* Gertkemper, C. 68307
Ostermeir, R., Koch, F., Brugger, H., Narozny, P., Dambkes, H. Band-structure effects in the hot-carrier emission spectrum of GaAs FET devices 62827
Ostermeir, R., Lugli, P., Liebig, D., Koch, F., Vogal, P., Pobl, M., Harth, W. The spectral distribution of light emission from hot carriers in GaAs PIN diodes-experiments and Monte Carlo analysis 63603
Osterthun, H. *see* Bunzel, E. 60227
Osterwald, C.R. Results of 1992 ASTM cell and module measurement intercomparison 100711
Ostheimer, M.W., Mylrea, K.C., Lonsdale, E.M. An integrated course in fundamental engineering and English composition using interactive and process learning methodologies 60785
Ostiguy, J.-F. Longitudinal profile and effective length of a conventional dipole magnet 76699
Ostiguy, J.-F. *see* Harding, D.J. 76676
Ostinelli, A., Monti, A., Milan, M. Internal irradiation from nuclear medicine investigations: a comparison between effective dose equivalent and effective dose 99018
Ostler, J.M. *see* Adam, W. 88114
Ostling, M. *see* Hult, M. 49817
Ostling, M. *see* Johnston, P.N. 48992
Ostling, M. *see* Zhang, S.-L. 82058
Ostmann, A., Simon, J., Reichl, H. The pretreatment of aluminum bondpads for electroless nickel bumping 55502
Ostner, H., Detlefsen, J., Jackson, D.R. Strongly focusing antennas with low losses for millimetric-wave applications 57241
Ostojic, R., Taylor, T.M., Kirby, G.A. Design and construction of a one-metre model of the 70 mm aperture quadrupole for the LHC low-β insertions 82425
Ostovic, V. Computer-aided analysis of electric machines. A Mathematica approach 54294
Ostovic, V. *see* Pahner, U. 68532
Ostrander, L. *see* Reu, P. 67622
Ostreiko, G. *see* Korchuganov, V. 66999
Ostreiko, V.N. Simulating layered structures by homogeneous bodies in electromagnetic analysis 51012
Ostreiko, V.N. Modelling of lamellar structures with the aid of homogeneous bodies in electromagnetic calculations 73207
Ostrikov, K.N. *see* Azarenkov, N.A. 73459
Ostrirov, V.N., Nosach, S.V. Promising new control system for a generator-motor electric drive 69144
Ostrom, L.T. *see* Ryan, T.G. 54618
Ostroumov, E.V., Rogachev, A.A. A simple model of an Auger transistor 93426
Ostroumov, V.G. *see* Jensen, T. 56669
Ostrout, W.H. *see* Brown, S.E. 71424
Ostrovsky, A.O. Charged particles acceleration by a high-current electron beam in a plasma waveguide 76281
Ostrovsky, A.O. Two-beam acceleration of charged particles in a corrugated waveguide 76282
Ostrovsky, A.S., Balinsky, E.E., Levy, S.V. Magneto-optical data processing systems 72289
Ostrovsky, A.S., Balinsky, E.G. Magneto-optical Bi-ferrogarnet films for spatial-time light modulators 72435
Ostrovsky, A.S. *see* Levy, S.V. 72489
Ostrowski, P. *see* Lubacz, J. 85870
Ostrowsky, D.B. *see* Chen, S. 63452
Ostrowsky, D.B. *see* Maurice, E. 63422
Ostrowsky, D.B. *see* Monnom, G. 94390
Osuch, K. *see* Verwoerd, W.S. 61312
Osuga, K. *see* Miyauchi, K. 95083
Osuge, M., Ujihara, K. Spontaneous emission and oscillation in a planar microcavity dye laser 82958
O'Sullivan, C.M.M. *see* Robson, M. 66005
O'Sullivan, D. Space power electronics, design drivers (III) 53517
O'Sullivan, D. Space power electronics—design drivers 99112
O'Sullivan, E.J. *see* von Gutfeld, R.J. 61334
O'Sullivan, F., Maijian Qian A regularized contrast statistic for object boundary estimation-implementation and statistical evaluation 64777
O'Sullivan, F.S. *see* Haynor, D.R. 98839
O'Sullivan, J.A., Porter, D.G., Indeck, R.S., Muller, M.W. Physically based information science of magnetic recording. I. Information capacity of a medium model 50356
O'Sullivan, J.A., Porter, D.G., Indeck, R.S., Muller, M.W. Recording medium properties and capacity bounds 63226
O'Sullivan, J.A. *see* Srivastava, A. 97394
O'Sullivan, M. *see* Crawford, K. 76580
O'Sullivan, M. *see* Martin, E. 60309
O'Sullivan, P. *see* Wang, M.S. 86223
Osuntola, O.K. *see* Ajayi, O.B. 70153
Osvald, J. *see* Dobrocka, E. 71589
Osvald, R. *see* Szathmary, V. 88490
Osvath, P., Poell, H. Polarisation spectrum analysis for diagnosis of oil/paper insulation systems 90091
Osvay, K., Ross, I.N., Hooker, C.J., Lister, J.M.D. Laser-excited nonlinear properties of BaF_2 and its application in a single-shot spatially insensitive autocorrelator 83280
Osvay, K. *see* Key, M.H. 50731
Osvay, K. *see* Ross, I.N. 63669
Oswald, B., Schroeder, D., Catchpole, P., Carrington, R., Eisinger, B. Investigative summary of the July 1993 Nebraska Public Power District Grand Island—Moore 345 kV transmission line failure 89319
Oswald, B.R. Modelling of electric power supply networks on a time interval basis 68177
Oswald, J. *see* Hlinomaz, P. 62143
Oswald, J.E., Siegel, P.H. The application of the FDTD method to millimeter-wave filter circuits including the design and analysis of a compact coplanar strip filter for THz frequencies 80625
Oswald, J.E. *see* Choudhury, D. 80705
Oswald, J.E. *see* Raisanen, A.V. 80706
Oswald, P. On the convergence rate of SOR: a worst case estimate 61167
Oswald, P. *see* Dahmen, W. 69877
Oswald, R., Jansen, K., Johnson, B., Willing, F., Raquet, J., Kloss, T., Morris, J., Weiss, P., Yang, L., Hainsworth, M.C., Ashenfelter, W., Stabinsky, B., Twesme, E., Chen, L.F., O'Dowd, J. Large-area, triple junction a-Si alloy production 90428
Oswald, R. *see* Willing, F. 100547
Oswald, R.S. *see* O'Dowd, J.G. 100543

Oswin, J.R., Salter, P.L., Mendoza Santoyo, F., Tyrer, J.R. Electronic speckle pattern interferometric measurement of flextensional transducer vibration patterns: in air and water 59611
Osypka, M. *see* Gersing, E. 67553
Oszwaldowski, M. *see* Litvinov, V. 93045
Ota, H. *see* Fujikake, S. 100598
Ota, H. *see* Ichikawa, Y. 100609
Ota, K., Kimura, M., Fukumoto, S., Onodera, T. A linear electron-beam accelerator for synchrotron radiation emission delivered to the NTT LSI research laboratory 53101
Ota, K. *see* McCuaig, W. 48780
Ota, O. *see* Ichiura, S. 58601
Ota, O. *see* Tsuchiya, Y. 86789
Ota, Y., Adachi, C., Takehara, H., Yanagihara, M., Fujimoto, H., Hiasato, H., Inoue, K. Application of heterojunction FET to power amplifier for cellular telephone 56085
Ota, Y., Swartz, R.G., Archer, V.D., III, Korotky, S.K., Banu, M., Dunlop, A.E. High-speed, burst-mode, packet-capable optical receiver and instantaneous clock recovery for optical bus operation 52561
Ota, Y. *see* Razavi, B. 49228
Ota, Y. *see* Razavi, B. 70345
Ota, Y. *see* Sakai, H. 80870
Ota, Y. *see* Swartz, R.G. 75484
Ota Toshiyuki *see* Toshiyuki Ota
Otagaki, T. *see* Shimomura, K. 81679
Otahal Antonin *see* Antonin Otahal
Otake, T. *see* Akiyama, H. 86087
Otaki, H., Kido, H., Hiratsuka, A., Fukuda, Y., Takeuchi, N. Estimation of UV radiation dose using CaF_2:Tb_4O_7 as a thermoluminescence dosimeter 88615
Otani, K. *see* Miyazaki, O. 72120
Otani, M. *see* Yubazaki, N. 90562
Otani, N. *see* Aida, T. 49197
Otani, S. *see* Yoshikawa, K. 71834
Otani, T. *see* Nakamura, Y. 77744
Otani, Y., Yoshizawa, T., Oshino, N. Profile measurement of rough surface using the phase-shifting Abramson interferometry 87507
Otani, Y., Yoshizawa, T., Tanahashi, A. Magnetostatic field measurement by optical heterodyne method with magnetic fluids 58800
Otani, Y. *see* Ruowei Gu 87536
Otani, Y. *see* Taketomi, S. 72074
Othman, H.A., Chow, J.H., Taranto, G.N. Modeling of impedance uncertainty in power system networks 68107
Othman, H.A. *see* Taranto, G.N. 89038
Othman, H.A. *see* Wong, W.K. 89032
Othman, M.Y.H. *see* Sopian, K. 100784
Othman, S.A., Zaghlool, M.F. Solution of the optimal power flow problem for large-scale systems by sequential quadratic programming 77870
Othman, S.A. *see* Ghoneim, M.Z. 77824
Othonos, A., Christofides, C., Boussey-Said, J., Bisson, M. Raman spectroscopy and spreading resistance analysis of phosphorus implanted and annealed silicon 71074
Othonos, A. *see* Benjamin, S.D. 94586
Othonos, A. *see* Karr, S.E. 52929
Othonos, A. *see* Uttamchandani, D. 50493
Otis, A. *see* Brennan, J.M. 67178
Oto, K. *see* Wakayama, S. 93049
Oto, T. *see* Demura, T. 92280
Oto, T. *see* Matsui, M. 97632
Otobe, K. *see* Nakajima, S. 81990
Otobe, K. *see* Shiga, N. 92632
Otogawa, T. *see* Miyachi, T. 87176
Otogawa, T. *see* Miyachi, T. 87177
Otoi, S. *see* Takayama, S. 53567
Otoma, S. *see* Yasuoka, Y. 67889
Otomo, A. *see* Bosshard, C. 50927
Otomo, G. *see* Demura, T. 92280
Otomo, G. *see* Matsui, M. 97632
Otomo, T. *see* Otsuki, T. 51386
Oton, J.M., Pena, J.M.S., Sabater, J. Modelling and characterization of ferroelectric liquid crystal displays 94207
O'Toole, A.J. *see* Valentin, D. 84635
O'Toole, R. *see* Dowling, K. 53488
Otoshi, S. *see* Suzuki, M. 70137
Otoshi, T.Y. Maximum and minimum return losses from a passive two-port network terminated with a mismatched load 66670
Otoshi, T.Y. A method for modeling discontinuities in a microwave coaxial transmission line 75172
Otoshi, T.Y., Franco, M.M., Lutes, G.F. The fractional frequency stability of a 34-m-diameter beam-waveguide antenna 57259
Otsu, K. *see* Hamada, K. 93981
Otsu, N. *see* Kurita, T. 64741
Otsu, N. *see* Kurita, T. 96097
Otsu, N. *see* Sekita, I. 95935
Otsu, Y. *see* Akaishi, A. 57258
Otsubo, H. *see* Kakino, Y. 87545
Otsubo, M. *see* Miyakuni, S. 55792
Otsubo, M. *see* Shima, A. 72907
Otsubo, T. *see* Kunimori, H. 98319
Otsubo, T. *see* Yamada, A. 94535
Otsuji, K., Tonomura, Y. Projection detecting filter for video cut detection 58576
Otsuji, K., Tonomura, Y., Ohba, Y. Cut detection method by projection detecting filter 52734
Otsuka, A. *see* Sakamoto, Y. 64715
Otsuka, K. Nonlinear dynamics in a microchip multimode laser 50816
Otsuka, K., Moriyama, J., Fujii, S., Nakagawa, M., Yorita, A., Noda, O., Fujita, K. Wireless PBX system based on personal handy phone concept 65663
Otsuka, K., Nishida, Y., Yugami, N. Electron linear accelerator using phased multi-electromagnetic-wave beams 98436
Otsuka, K., Pieroux, D., Mandel, P. Modulation dynamics and spatiotemporal pattern generation in a microchip multimode laser 56711
Otsuka, K., Taneda, M., Kasukawa, A., Shirai, Y., Miwa, T., Kitano, M. Fatigue life prolongation effect of low frequency on 40Pb-60Sn solder 91679
Otsuka, K. *see* Georgiou, M. 63698
Otsuka, K. *see* Hidai, T. 97428
Otsuka, K. *see* Pieroux, D. 56712
Otsuka, M., Okumoto, K., Nagao, N., Sano, K. 150-Mbit/s digital leased circuit system 51903
Otsuka, N., Inaba, H., Toraichi, K. A state space approach for distributed parameter circuit: disturbance-rejection problem for infinite-dimensional systems 61491
Otsuka, N. *see* Fujihara, K. 94488
Otsuka, N. *see* Han, J. 54884
Otsuka, N. *see* He, L. 91516
Otsuka, N. *see* Hua, G.C. 83103
Otsuka, N. *see* Ishino, M. 97666
Otsuka, N. *see* Kito, M. 72849
Otsuka, N. *see* Lu, K. 54856
Otsuka, N. *see* Melloch, M.R. 62163
Otsuka, N. *see* Tu, C.W. 55641
Otsuka, O. *see* Tomita, K. 79019
Otsuka, Y. Manufacturers focus on developing compact connectors for mobilecom 86127
Otsuka, Y. *see* Ariki, T. 71220
Otsuki, A. *see* Kawaguchi, G. 62303
Otsuki, A. *see* Nakanishi, J. 81341
Otsuki, A. *see* Uchibori, C.J. 93050
Otsuki, K. *see* Yasui, K. 48973
Otsuki, M., Momota, S., Nishiura, A., Sakurai, K. The 3rd generation IGBT toward a limitation of IGBT performance 55967
Otsuki, S. *see* Mizoguchi, T. 85978
Otsuki, T., Ito, A., Makino, S., Otomo, T. Performance prediction of word recognition using the probability of word occurrence 51386
Otsuki, T., Makino, S., Ito, A., Sone, T. Performance prediction of word recognition using the transition information between phonemes or between characters 95865
Otsuki, T. *see* Arita, K. 50138
Otsuki, T. *see* Arita, K. 93659
Otsuki, T. *see* Fujii, E. 61721
Otsuki, T. *see* Hayashi, S. 70489
Otsuki, T. *see* Scott, J.F. 56122
Otsuki, T. *see* Sumi, T. 93798
Otsuzuki, N. *see* Abe, M. 89396
Otsuzuki, N. *see* Abe, M. 89406
Ott, E. *see* Hayes, S. 83898
Ott, G. *see* Guckel, H. 93672
Ott, G. *see* Jung, T.S. 80145
Ott, H.R. *see* Brawner, D.A. 82390
Ott, H.R. *see* Scherschel, M. 67289
Ott, J.A. *see* Agnello, P.D. 49984
Ott, R.J. *see* Sanghera, B. 59303
Ott, R.J. *see* Wells, K. 88090
Ottaviani, E. *see* Nicchiotti, G. 57805
Ottaviani, G. *see* Maresca, M. 68757
Ottaviani, P.L. *see* Dattoli, G. 72929
Ottaviani, P.L. *see* Dattoli, G. 72932
Ottaviani, P.L. *see* Dattoli, G. 83180
Ottaviani, P.L. *see* Dattoli, G. 83183
Otten, D.D., Mallinckrodt, A.J. Celsat's hybrid personal communications system 86290
Otten, M. *see* Groot, J. 88859
Otten, W. *see* Luther, W.J. 61605
Ottenberg, K. Brightness-contrast diffusion and the grouping of missing angles 85172
Ottensmeyer, J. Bandwidth allocation in DQDB 85314
Ottensmeyer, J., Rumekasten, M. Interconnection of ATM and DQDB using GBW 51815
Ottensmeyer, J., Wittenberg, R. Performance of FDDI considering packet loss and retransmissions 52098
Ottenwalder, D. *see* Frankowsky, G. 54925
Otter, A. *see* Ratner, L. 87778
Otter, A.J., Reeve, P.A., Marks, N. Combined AC corrector magnets 76698
Otter, D. *see* Rahali, F. 82059
Otter, D. *see* Rahali, F. 87161
Otterloo, R.W.van *see* van Otterloo, R.W.
Otterstatter, H.P. Software tools for the Intel type 386 microcontroller 55296
Ottinger, P.F., Rose, D.V., Olson, C.L. Effect of time-of-flight bunching on efficiency of light-ion-beam inertial-confinement-fusion transport schemes 59032
Ottinger, P.F. *see* Swanekamp, S.B. 90287
Ottl, H. *see* Heel, F. 77713
Otto, G.P., Weng Cho Chew Time-harmonic impedance tomography using the T-matrix method 88480
Otto, K.-W., Ritterbach, E., Teggers, S. Regenerative electricity generation—effects of politics, environmental factors and approval practice 78277
Otto, O. *see* Pierrat, C. 81612
Otto, O.W., Garofalo, J.G., Low, K.K., Chi-Min Yuan, Henderson, R.C., Pierrat, C., Kostelak, R.L., Vaidya, S., Vasudev, P.K. Automated optical proximity correction—a rules-based approach 71480
Otto, O.W. *see* Henderson, R.C. 71486
Otto, O.W. *see* Henderson, R.C. 71545
Otto, R.G., Targ, R. Wind hazard detection with airborne laser radar sensors 77181
Ottoboni, R. *see* Gandelli, A. 97934
Ottolenghi, P., Benedetto, S., Montrosset, I. Switching and optical modulation of three-section DBR lasers 72856
Ottolenghi, P. *see* Gaumont-Goarin, E. 56787
Ottonello, C., Pagnan, S. Modified frequency domain kurtosis for signal processing 74000
Ottonello, P., Rottigni, G.A., Zanella, G., Zannoni, R. Hard X-ray imaging with high detection efficiency and high spatial resolution 67420
Ottonello, P., Rottigni, G.A., Zanella, G., Zannoni, R. Slow neutron imaging using scintillating glass optical fibers 98530
Ottonello, P. *see* Basano, L. 97825
Otu, J.O. *see* Vaughan, J.T. 98861
Otubo Hiroyasu *see* Hiroyasu Otubo
Otwinowski, S. *see* Benetti, P. 67327
Otwinowski, S. *see* Benetti, P. 67328
Otwinowski, S. *see* Cennini, P. 67285
Otwinowski, S. *see* Cennini, P. 76755
Ou, J. *see* Wei-Kuo Chen 54866
Ou, S.S., Yang, J.J., Jansen, M. Semiconductor lasers with dry etched facets 83148
Ou, S.S., Yang, J.J., Jansen, M., Hess, C., Hayashida, P., Tu, C., Alvarez, F. High power, reliable 645 nm compressively strained GaInP/GaAlInP laser diodes 72909
Ou Jin *see* Jin Ou
Ou Rong-Shyang *see* Rong-Shyang Ou
Ou Yang Shan, Fang Huijun Givens rotation based multichannel least squares adaptive lattice algorithm 80487
Ou Yuanjiang *see* Li Xixiong 100152
Ouadrani, A.El *see* El Ouadrani, A.
Ouahmane, H. *see* Suran, G. 50223
Ouahmane, H. *see* Suran, G. 82246
Ouali, A. *see* Derbel, N. 60186
Ouali, F.F. *see* Xin, Z. 62283
Oualid, J. *see* Moragues, J.-M. 62828
Ouamri, A. *see* Keche, M. 51509
Ouassou, M., Nodjiram, S. On the classification of compact forms in projective geometry 79630
Ouboter, R.de Bruyn *see* de Bruyn Ouboter, R.
Ouchen, F. *see* Artaud, M.C. 81257
Ouchi, K. A new sputtering source for magnetic film preparation 70128
Ouchi, K. On the SAR imaging mechanisms of oceanic internal waves 77447
Ouchi, K. Modulation of waveheight spectrum and radar cross section by varying surface currents 88798
Ouchi, K., Burridge, D.A. A unified theory on the focusing effect in SAR ocean wave imaging 77478
Ouchi, K., Burridge, D.A. Resolution of a controversy surrounding the focusing mechanisms of synthetic aperture radar images of ocean waves 88799
Ouchi, K., Onodera, S., Nakamura, Y., Iwasaki, S. Co-Cr perpendicular media with semi-soft magnetic and ultra thin back layer for ring-type head 72090
Ouchi, K. *see* Honda, N. 61374
Ouchi, N. *see* Yamauchi, T. 75712
Ouchi, T. *see* Nakajima, H. 72261
Ouchi, W.G. The new R&D [automotive electronics] 78985
Ouchrenko, N.I. On the conversion of power system operating parameters to information signals in antifail control equipment 89139
Oud, H.Aba *see* Aba Oud, H.
Ouden, A.den *see* den Ouden, A.
Oudendijk, G.N.M. *see* Frings, P.H. 83543
Oudhuis, A.B.J. *see* Jansen, D. 60152
Ouellette, F., Campbell, R.J., Williams, D.L., Kashyap, R. Spectral, temporal and spatial study of UV-induced luminescence in Ge-doped fiber preform 63400
Ouellette, F., Cliche, J.-F., Gagnon, S. All-fiber devices for chromatic dispersion compensation based on chirped distributed resonant coupling 97339
Ouellette, F. *see* Atkins, G.R. 64003
Ouellette, F. *see* Eggleton, B.J. 82590
Ouellette, F. *see* Larose, R. 56697
Ouellette, F. *see* Lauzon, J. 63404
Ouellette, F. *see* Martin, J. 56356
Ouellette, M., Collins, B., Treado, S. The effect of temperature on starting and stabilization of compact fluorescent systems 69206
Ouellette, M.J. *see* Collins, B.L. 90633
Ouennoughi, Z., Boulkroun, K., Remy, M., Hugon, R., Cussenot, J.R. Analysis of InP Schottky/tunnel metal-insulator-semiconductor diode characteristics with a conductance technique 55876
Ouerdane, Y. *see* Boukenter, A. 82997

Ouerfelli, M., Kumar, V., Harwin, W. An inexpensive pneumatic manipulator for rehabilitation robotics 53476
Oufi, E.A., Alfuhaid, A.S., Saied, M.M. Transient analysis of lossless single-phase nonuniform transmission lines 78114
Ougazzaden, A., Mircea, A., Chelles, S., Devaux, F., Huet, F., Le-Roux, G. High static performance polarization insensitive strained InGaAsP/InGaAsP MQW electroabsorption modulator grown by atmospheric pressure MOVPE 56435
Ougazzaden, A. *see* Blez, M. 56811
Ougazzaden, A. *see* Bruckner, H.J. 72905
Ougazzaden, A. *see* Devaux, F. 75513
Ougazzaden, A. *see* Devaux, F. 94187
Ougazzaden, A. *see* D'Ottavi, A. 56849
Ougazzaden, A. *see* Ponchet, A. 69975
Ougazzaden, A. *see* Souli, N. 97233
Ougazzadeo, A., Mircea, A., Kazmierski, C., Leprince, L. High performance strained MQW lasers at 1.31 μm by MOVPE using arsine generator system 94446
Ougi, T. *see* Toyokura, M. 92281
Ouhyoung Ming *see* Ming Ouhyoung
Ouibrahim, H., Pattenier, F.J. An object-oriented analysis of a BISDN control system with a focus on the UNI protocol object 65437
Ouisse, T. *see* Mieville, J.-P. 50017
Oukaour, A., Le Pioufle, B., Louis, J.-P., Forest, F. Modelling and control of variable frequency converters 90113
Oukhaba, H. On discriminant functions associated to Drinfeld modules of rank 1 69721
Ouksel, M.Aris *see* Aris Ouksel, M.
Ouldmammar, M. *see* Keche, M. 51509
Ounaies, Z., Varadan, V.K., Varadan, V.V. Solgel and microwave processing of PZT materials for sensor and actuator applications 79981
Ounaies, Z. *see* Varadan, V.K. 82159
Ounaies, Z. *see* Xiao-Qi Bao 90325
Oura, M. *see* Kravis, S. 53153
Oura, M. *see* Suzuki, M. 88002
Oura, Y., Suzuki, M., Yanagihashi, K., Sato, M., Tsukui, R., Matsushima, T., Omata, K. Approach and structure of stabilizing control system preventing an extension of synchronism loss 68044
Ouriagli, M., Tabar, F.M., Sargos, F.M. Influence of dampers on the dynamic behaviour of oriented-field controlled permanent magnet synchronous machines 89883
Ouriet, J.P. *see* Authier, M. 59133
Ourmazd, A. *see* Lee, K.F. 62856
Ourmazd, A. *see* Lee, K.F. 93613
Ourmazd, A. *see* Warwick, C.A. 56048
Ouseb Lee *see* Yao Wang 84771
Ousi-Benomar, W. *see* Songsheng Xue 70069
Ousi-Benomar, W. *see* Xue, S. 63127
Ouslimani, A. *see* Hafdallah, H. 81967
Oustric, M. *see* Rojo-Romeo, P. 56038
Outhred, H.R. Principles of a market-based electricity industry and possible steps toward implementation in Australia 59750
Outsu, K. *see* Nakajima, H. 72261
Ouwens, J.Daey *see* Daey Ouwens, J.
Ouyang, M. *see* Kung, Y.S. 90563
Ouyang, X. *see* Kaiser, N. 52513
Ouyang, Z., Deeb, N. Introducing EWGs into the transmission system—security and operational considerations 78043
Ouyang Jing-Zheng *see* Jing-Zheng Ouyang
Ouyang Liang-Yuh *see* Liang-Yuh Ouyang
Ouyang Xiaohong *see* Zhang Qiren 90492
Ouyang Yu Success of the first nuclear power plant built on China's self-reliance 89457
Ouyang Zhong *see* Zhong Ouyang
Ovadia, S., Eskildsen, L., Chinlon Lin, Anderson, W.T. Multiple optical reflections in hybrid AM/16-QAM multichannel video lightwave transmission systems 97295
Ovadia, S., Eskildsen, L., Sciarabba, J.T., Chinlon Lin, Anderson, W.T. Bit-error-rate impairment in hybrid AM-VSB/16-QAM multichannel video lightwave transmission systems 86329
Ovadia, S. *see* Hwang, D.M. 61038
Ovadia, S. *see* Wang, M.C. 63805
Ovarlez, J.-P. Cramer Rao bound computation for velocity estimation in the broad-band case using the Mellin transform 75595
Ovaska, S.J. *see* Laakso, T.I. 61815
Ovaska, S.J. *see* Pasanen, J. 76212
Ovaska, S.J. *see* Vainio, O. 68929
Ovcharenko, A.A. *see* Rychkov, V.A. 80124
Ovcharenko, N.I. On the principles of the functioning of measuring elements in relay protection and automation 78531
Ovcharenko, N.I. Fast transducers for power system automation equipment 99501
Ovcharenko, O.Ya. *see* Sonwalkar, V.S. 94805
Ovchinnikov, A.Yu. *see* Ovchinnikov, Yu.N. 82378
Ovchinnikov, E. *see* Sekachev, I.V. 87943
Ovchinnikov, V.G. *see* Gorina, M.M. 66154
Ovchinnikov, V.P. *see* Ivanov, A.S. 66997
Ovchinnikov, Yu.N., Ovchinnikov, A.Yu. Current-voltage characteristic of an inhomogeneous tunnelling junction in the above-threshold region $eV > \Delta_1 + \Delta_2$ 82378
Ovechko, V.S. *see* Amerov, A.K. 73046
Ovens, K.M. *see* Abbott, W.L. 92396
Ovenson, T. The technical development of broadcasting in recent years and towards year 2000. Special emphasis on the conditions in Norway 86670
Overbeck, J.A., McCracken, S., Duncan, B.D. Coherent versus incoherent eyesafe lidar detection at 2.09 μm 58498
Overbeck, J.A., Salisbury, M.S., Mark, M.B., Watson, E.A. Energy requirements for a solid state 1.54 μm imaging ladar system 88914
Overbye, T.J. A power flow measure for unsolvable cases 88997
Overbye, T.J. Effects of load modelling on analysis of power system voltage stability 99566
Overbye, T.J., Dobson, I., DeMarco, C.L. Q-V curve interpretations of energy measures for voltage security 59775
Overbye, T.J., Pai, M.A., Sauer, P.W. Some aspects of the energy function approach to angle and voltage stability analysis in power systems 77819
Overbye, T.J. *see* Brown, D. 89096
Overen, P.V. *see* Burgess, B. 80367
Overett, T. *see* Spindel, A. 93977
Overfelt, P.L. *see* Cook, G.G. 83842
Overfield, K. *see* Flaherty, J.P. 65900
Overholt, K.J. *see* Espelid, T.O. 91372
Overli, T. *see* Olsen, B.T. 86380
Overloop, D.Van *see* Van Overloop, D.
Overney, R. *see* Meyer, E. 71069
Oversluizen, G., Lodders, W.H.M., French, I.D. Plasma-enhanced chemical vapour deposition of amorphous silicon nitride for thin film diode active matrix liquid crystal displays 48985
Overstraeten, R.Van *see* Van Overstraeten, R.
Overstreet, C.M. *see* Fondriat, E.C. 65368
Overton, G. Simulating non-linear magnetics 70959
Overton, R.J. *see* Sommer, R.G. 82613
Ovitt, T.W. *see* Rehm, K. 53407
Ovrebo, G. *see* Seidler, W. 82077
Ovshinsky, H.C. *see* Izu, M. 90421
Ovshinsky, H.C. *see* Izu, M. 100542
Ovshinsky, S.R. The material basis of efficiency and stability in amorphous photovoltaics 60457
Ovshinsky, S.R. *see* Izu, M. 90421
Ovshinsky, S.R. *see* Izu, M. 100542
Ovsyannikov, A.V. *see* Cherdyntsev, V.A. 64529
Ovsyannikov, E.U. *see* Kiyashko, S.D. 72409
Ovsyannikov, G.A., Ivanov, Z.G., Mugind, E., Pedersen, N.F. Intrinsic radiation from high-T_c superconducting bridges with two-dimensional bulk diffusive weak links 82363
Ovsyannikov, G.A., Ivanov, Z.G., Mygind, J., Pederson, N.F. Microwave radiation from 2-D arrays of high-T_c Josephson junctions 50417
Ovsyannikov, V.P., Alfeev, V.A., Drobin, V.M., Kultashev, O.K., Golenitskiy, I.I., Liljeby, L. Status report on Russian super EBIT and MINIEBIS projects 53174
Ovsyannikov, V.P., Alfeev, V.S., Drobin, V.M., Kovalenko, A.D., Romanov, Yu.I. The experimental research of EBIS "KRION-C" for LHE accelerating facility in Dubna 53175
Ovsyuk, V.N., Svitashev, K.K., Shashkin, V.V., Toropov, A.I., Moshegov, N.T. Quantum well infrared detectors. Photocurrent spectroscopy and volt-ampere characteristics 66331
Ovtchinnikov, A. *see* Asonen, H. 63774
Ovtchinnikov, A. *see* Nappi, J. 50810
Owa, K. *see* Kuroiwa, S. 52280
Owa, K. *see* Yato, F. 51380
Owaga, Y. *see* Itoh, K. 68494
Owashi Hitoaki *see* Hitoaki Owashi
Owe, M. *see* van de Griend, A.A. 77530
Owe Eek, L. *see* Gingrich, D. 53291
Owechko, Y., Soffer, B.H. Holographic neurocomputer for backpropagation based on cascaded-grating holography 56487
Owechko, Y., Soffer, B.H. Holographic neural networks based on multi-grating processes 63526
Owen, A.E. *see* Kosa, T.I. 72279
Owen, D. Fading and multipath simulation and testing 64136
Owen, D. *see* Lohel, H. 74785
Owen, G., Peters, V., Harrington, D. Competing regulators and regulating competitors 74773
Owen, G. *see* Grenville, A. 62555
Owen, G. *see* Ingino, J. 71440
Owen, G. *see* Jeong, H.J. 49413
Owen, H.A., Jr. *see* Kelley, A.W. 70961
Owen, H.A., Jr. *see* Wilson, T.G., Jr. 61526
Owen, H.L. Combinatorial effects of bit and byte justification SDH networks 75055
Owen, J.C., III *see* Allen, R.A. 62975
Owen, J.I.R. A review of the interference resistance of SPS GPS receivers for aviation 53507
Owen, J.J., Cheetham, A.K., Nighman, N.A., Jarman, R.H., Thrash, R.J. Modified Bridgman growth of oriented Er-doped and Tm-doped $BaY_{2-x}Yb_xF_8$ crystals for upconversion visible laser operation 56701
Owen, N. Practical experiences with a satellite based communications network 86296
Owen, R.A. *see* Belcher, J.F. 87198
Owen, R.M. *see* Yang, W.L. 49272
Owen, S.J., Ogura, I., Suesada, K. D5: 1/2" full-bit component digital VTR format 97697
Owen, S.J. *see* Anderson, J. 98221
Owen, W. *see* Belgal, H. 62990
Owens, A., McCarthy, K.J. Tabulated responses of X-ray CCDs to optical astronomical sources 87277
Owens, A., Mineo, T., McCarthy, K.J., Wells, A. Event recognition in X-ray CCDs 67418
Owens, A. *see* Fraser, G.W. 98552
Owens, D.H., Pratzel-Wolters, D., Blach, R., Reinke, R. Neural-like networks for replication of periodic signals 57474
Owens, D.H. *see* Rogers, E. 51493
Owens, D.W. *see* Laaksonen, R.T. 70105
Owens, J.G. *see* Klink, F.W. 81019
Owens, J.J. Dual-use manufacturing at HE Microwave 79294
Owens, P.C.M., Rarity, J.G., Tapster, P.R., Knight, D., Townsend, P.D. Photon counting with passively quenched germanium avalanche 94272
Owens, R. *see* Aw, Y.K. 51669
Owens, R. *see* Waller, M. 52641
Owens, R.E. *see* Goto, M. 92335
Owens, R.M. *see* Nagendra, C. 74504
Owens, R.M. *see* Nagendra, C. 80246
Owens, R.M. *see* Singh Bajwa, R. 82043
Owens, R.M. *see* Ting-Ting Hwang 80276
Owens, R.M. *see* Wu, C.-M. 80458
Owens, R.O. *see* Gabler, A.R. 67416
Owens, T.L., Popovic, M.B., McCrory, E.S., Schmidt, C.W., Allen, L.J. Phase scan signature matching for linac tuning 76406
Owens, T.L. *see* Popovic, M.B. 76405
Owens, W.R., Weinstein, R.E. Commercial requirements of MHD 100780
Owirka, G.J., Novak, L.M. A new SAR ATR algorithm suite 75630
Owirka, G.J. *see* Halversen, S.D. 75627
Owirka, G.J. *see* Nanis, J.G. 65883
Owirka, G.J. *see* Novak, L.M. 52640
Owirka, G.J. *see* Novak, L.M. 75526
Owler, A.M. "Static pressurization", a new technique for the protection of portable areas and mobile equipment in hazardous areas 48636
Owler, A.M. International ("World Class") certification for hazardous area electrical equipment. The "IECEx" scheme 53979
Owler, A.M. *see* Osprey, J.S. 53986
Owolabi, B.R. *see* McCarthy, D.K. 83666
Owyang, K. *see* Chang, M. 60891
Oxford, S. *see* Marsh, J. 59476
Oxford, S.C. *see* Tower, L.W. 88690
Oxley, J.P. *see* Qin, G. 49996
Oxley, M.E. *see* Burns, T.J. 57838
Oxley, M.E. *see* Burns, T.J. 74454
Oxley, M.E. *see* Suter, B.W. 74188
Oxoby, G. *see* Fox, J.D. 76552
Oxoby, G. *see* Hindi, H. 76503
Oxoby, G. *see* Sapozhnikov, L. 98468
Oya, K. *see* Xu, X. 55518
Oyabu, T., Kimura, H. Identification of domestic disasters using production system 97798
Oyaizu, I. *see* Matsumoto, H. 51319
Oyaizu, I. *see* Tanaka, K. 65430
Oyama, J. *see* Izumi, K. 80129
Oyama, J. *see* Tsuji, M. 89962
Oyama, K., Akaishi, H., Higuchi, M., Hoshi, Y., Yuta, H., Hasegawa, K.A.K., Suekane, F., Nagamine, T., Kawamura, N., Neichi, K., Katayama, J., Nakajima, T., Masuda, K., Kikuchi, R., Miyano, K. Radiation damage to tetramethylsilane and tetramethylgermanium ionization chambers 98567
Oyama, K., Shirai, H., Kodama, N., Kanamori, K., Saitoh, K., Hisamune, Y.S., Okazawa, T. A novel erasing technology for 3.3 V flash memory with 64 Mb capacity and beyond 61728
Oyama, K. *see* Hoshi, Y. 88113
Oyama, K. *see* Sakamoto, M. 59077
Oyama, K. *see* Takahashi, I. 60541
Oyama, M., Hanai, E., Aoyagi, H., Murase, H., Ohshima, I., Menju, S. Development of detection and diagnostic techniques for partial discharges in GIS 68912
Oyama, N. *see* Okuno, A. 54540
Oyama, N. *see* Okuno, A. 92795
Oyama, T., Ishii, T., Takeuchi, K. Particle formation by CO_2 laser-induced breakdown (III). The formation of Mo and MoS_2 fine powders from $Mo(CO)_6$ 50983
Oyama, T. *see* Masuda, T. 56479
Oyamatsu, H., Kinugawa, M., Kakumu, M. Design methodology of deep submicron CMOS devices for 1 V operation 70407
Oyamatsu, H. *see* Matsuoka, F. 50006
Oyobe, A. *see* Yanagawa, H. 72351
Oz, E. Saturn Automobile Corporation: integrating information technology into corporate strategy 52076
Oz, O. *see* Sandbank, A. 75124
Ozaki, H. *see* Furutani, K. 49417
Ozaki, H. *see* Hamamoto, T. 92219
Ozaki, H. *see* Okuno, S. 98559
Ozaki, H. *see* Ooishi, T. 70529
Ozaki, H. *see* Saitoh, Y. 59075
Ozaki, H. *see* Saitoh, Y. 88124
Ozaki, H. *see* Saitoh, Y. 98580
Ozaki, H. *see* Tsukikawa, Y. 49428
Ozaki, H. *see* Tsukikawa, Y. 70556
Ozaki, M. *see* Adachi, T. 51011
Ozaki, M. *see* Toyoda, Y. 97661

Ozaki, M. *see* Uchiyama, Y. 72463
Ozaki, O. *see* Kamikado, T. 82447
Ozaki, S., Nishimichi, Y., Kakiage, T., Yamamoto, H., Sumita, M., Inoue, G., Urano, M., Yamashita, H., Maeda, T., Nishiyama, T. A 100 MHz embedded RISC microcontroller 70623
Ozaki, S. *see* Tsuruno, R. 88445
Ozaki, T., Ono, H., Tanaka, H., Sato, A., Nakai, M., Nishida, T. A high-packing density pixel with punchthrough read-out method for an HDTV interline CCD 75729
Ozaki, T. *see* Kishiro, J. 66800
Ozaki, T. *see* Koyama, H. 81524
Ozaki, T. *see* Mitsui, H. 76464
Ozaki, T. *see* Sato, K. 90323
Ozaki, T. *see* Shono, K. 54272
Ozaki, T. *see* Takashima, D. 70543
Ozaki, Y., Kubota, H., Matsumoto, M., Kanamori, H. Fundamental considerations of density-thickness curves for soft X-ray radiographs 49037
Ozaki, Y. *see* Goda, Y. 68279
Ozaki, Y. *see* Komaru, M. 55836
Ozaki, Y. *see* Taketomi, S. 72074
Ozaktas, H.M. On approximating sums by maximums and vice versa 54361
Ozaktas, H.M., Goodman, J.W. Elements of a hybrid interconnection theory 56473
Ozaktas, H.M., Urey, H., Lohmann, A.W. Scaling of diffractive and refractive lenses for optical computing and interconnections 64851
Ozaktas, H.M. *see* Mendlovic, D. 84898
Ozaktas, H.M. *see* Onal, G. 56397
Ozard, J.M., Wilmut, M.J., Berryman, D.G., Zakarauskas, P. Speed-up and detection performance of a nearest-neighbors algorithm for matched-field processing with a vertical line array 97448
Ozard, J.M. *see* Scheuer, T.E. 97451
Ozard, J.M. *see* Wilmut, M.J. 97447
Ozarow, L. *see* Chennakeshu, S. 97063
Ozarow, L.H., Shamai, S., Wyner, A.D. Information theoretic considerations for cellular mobile radio 65661
Ozasa, K., Eun Kyu Kim, Aoyagi, Y. In situ pattern deposition of In_2O_3 and in situ pattern etching of GaAs 81523
Ozasa, K., Tianchun Ye, Aoyagi, Y. Deposition of thin indium oxide film and its application to selective epitaxy for in situ processing 61313
Ozawa, A., Ohki, S., Oda, M., Yoshihara, H. Tantalum dry-etching characteristics for X-ray mask fabrication 49881
Ozawa, A. *see* Ohki, S. 81736
Ozawa, H. *see* Itoh, S. 72879
Ozawa, J., Shindo, K., Saruta, H., Yamashita, M., Takahashi, E. Ultra high frequency electromagnetic wave detector for diagnostic of metal clad switchgear insulation 68896
Ozawa, K. Some globally convergent iterative method based on the bisection iteration for solving nonlinear scalar equations 69854
Ozawa, K. Lithium-ion rechargeable batteries with $LiCoO_2$ and carbon electrodes: the $LiCoO_2$/C system 90355
Ozawa, K., Miyazaki, K., Majima, T. Anodic oxide films as a gate dielectric for a thin film transistor 55946
Ozawa, K. *see* Ishida, H. 96890
Ozawa, L. *see* Oki, K. 66634
Ozawa, L. *see* Oki, K. 66635
Ozawa, M., Itoh, S., Okuyama, H., Nakano, K., Nakayama, N., Hiei, F., Ohata, T., Akimoto, K., Ikeda, M., Ishibashi, A., Mori, Y. The growth of ZnMgSSe and blue laser diodes 72841
Ozawa, M. *see* Amano, H. 60936
Ozawa, M. *see* Ishimoto, R. 68450
Ozawa, M. *see* Itoh, S. 56759
Ozawa, M. *see* Nakayama, N. 50851
Ozawa, N. *see* Sawada, M. 62781
Ozawa, S., Simon, W. Optical sensors for carbon dioxide based on ionophores 87230
Ozawa, S. *see* Hwang, J. 84851
Ozawa, S. *see* Nonaka, T. 95724
Ozawa, T. Interval analysis of active circuits and maximally-distant common-tree pair 49538
Ozawa, Y., Hirano, J., Sato, M., Saiga, M., Watanabe, S. Test results of low NO_x catalytic combustors for gas turbines 78450
Ozawa, Y. *see* Hashimoto, N. 58250
Ozawa, Y. *see* Momose, H.S. 49980
Ozawa, Y. *see* Nishi, T. 85668
Ozay, N. *see* Batur, I. 68198
Ozbay, E., Michel, E., Tuttle, G., Biswas, R., Ho, K.M., Bostak, J., Bloom, D.M. Double-etch geometry for millimeter-wave photonic band-gap crystals 81522
Ozcan, M., Pantell, R.H. Free-electron laser oscillator in a symmetrical, confocal resonator 50879
Ozdamar, O. *see* Alpsan, D. 88485
Ozdamar, O. *see* Delgado, R.E. 53424
Ozdamar, O. *see* Kalayci, T. 88498
Ozdemir, T., Volakis, J.L. A comparative study of an absorbing boundary condition and an artificial absorber for truncating finite element meshes 95024
Ozeki, H. Activities of Frame Relay Forum Japan 51774
Ozeki, T. *see* Kobayashi, H. 50346
Ozeki, T. *see* Sharma, M. 97342
Ozeki, T. *see* Ura, M. 50316
Ozeki, T. *see* Yang, B.X. 54931
Ozelis, J. *see* de Barbaro, P. 98584
Ozenne, J.-B. *see* Desmur, A. 81531
Ozer, J. When multimedia developers move from theory to practice 52697
Ozerov, M.I. *see* Ozerov, V.I. 54228
Ozerov, V.I., Ozerov, M.I., Rotanov, V.N., Chumak, V.V. Direct frequency converters in tractional electric drives 54228
Ozery, N. *see* Raviv, D. 84797
Ozga, S.E., Jr. *see* Kolc, R.E. 88915
Ozga, S.E., Jr. *see* Kolc, R.F. 77783
Ozguc, A. *see* Gibson, A.J. 86654
Ozguner, U. *see* Krtolica, R. 57927
Ozguz, V. *see* Jin, M.S. 56577
Ozguz, V. *see* Patra, S.K. 82854
Ozguz, V.H. *see* Fan, J. 50703
Ozguz, V.H. *see* Patra, S.K. 54493
Ozhogin, V.I. *see* Itoh, K.M. 49849
Ozil, P. *see* Gloaguen, F. 100442
Ozizmir, E. *see* Levine, A.M. 83297
Ozkan, M.K., Tekalp, A.M., Sezan, M.I. POCS-based restoration of space-varying blurred images 74331
Ozkan, M.K. *see* Patti, A.J. 85002
Ozkul, C. *see* Jamet, S. 83270
Ozkul, T. A new experimental enhancement to GPIB standard: general purpose serial interface network (GPSI) 65351
Oznobikhin, V.I. Calculation of the external conductances of slot radiators 57214
Oznovich, I., Yee, R., Schiffler, A., McEwen, D.J., Sofko, G.J. The all-sky camera revitalized 99194
Ozolinsh, M. *see* Sternberg, A. 56100
Ozols, A. *see* Salminen, O. 73129
Ozono, S. *see* Yoshikawa, K. 87506
Ozsan, M.E. *see* Turner, A.K. 100462
Ozturk, M.C. *see* Sanganeria, M.K. 93243
Ozveren, C.M. *see* Souza, R.J. 58116
Ozveren, C.S. *see* Birch, A.P. 59757
Ozveren, C.S. *see* Gambe, S.M. 99687
Ozveren, C.S. *see* Ma Li 59886
Ozveren, C.S. *see* Muchayi, E. 99681
Paal, A. *see* Abrahamsson, K. 76307
Paal, A. *see* Beebe, E. 53173
Paal, A. *see* Beebe, E. 67263
Paal, A. *see* Danared, H. 67255
Paal, A. *see* Pikin, A.I. 53151
Paap, G., Silha, E. PowerPC: a performance architecture 70588
Paap, G., III *see* Suessmith, B.W. 80368
Paar, H. *see* Brown, D. 59084
Paar, H. *see* Young, K.G. 76765
Paasi, J., Lahtinen, M., Eriksson, J.-T., Sarkaniemi, J. Magnetic flux distribution dynamics in Bi-2223/Ag tapes 82311
Paaske, E. Alternative to NASA's concatenated coding system for the Galileo mission 83925
Paatero, J., Hatakka, J., Mattsson, R., Lehtinen, I. A comprehensive station for monitoring atmospheric radioactivity 67655
Pabla, A.S., Hopkinson, M., David, J.P.R., Khoo, E.A., Rees, G.J. Electroabsorption modulation in strained piezoelectric InGaAs/InP multiquantum wells operating at $\lambda \approx 1.55$ μm 94177
Pabla, A.S., Woodhead, J., Grey, R., Rees, G.J., David, J.P.R., Pate, M.A., Robson, P.N. All-optical bistable switching in a strained piezoelectric self-electro-optic effect device 82720
Pabla, A.S. *see* David, J.P.R. 93314
Pabot, Y. *see* Dael, A. 88260
Pabst, M. *see* Fuchs, K. 92010
Paccagnella, A. *see* Bacchetta, N. 76768
Paccagnella, A. *see* Bacchetta, N. 88106
Paccagnella, A. *see* Bacchetta, N. 93447
Paccagnella, A. *see* Pesce, A. 70368
Pace, C., Nava, E., Cali, C. A simple GRM design for tunable Ti:sapphire lasers 72978
Pace, E. *see* Farilla, A. 52772
Pace, J. *see* Deis, G. 87958
Pace, M. *see* Zarnowski, J. 66475
Pace, P. *see* Forand, J.L. 99236
Pace, P.E., Foster, C.C. Beam propagation analysis of a parallel configuration of Mach-Zehnder interferometers 94166
Pace, P.E., Ramamoorthy, P.A., Styer, D. A preprocessing architecture for resolution enhancement in high-speed analog-to-digital converters 70691
Pace, P.E., Styer, D. High-resolution encoding process far an integrated optical analog-to-digital converter 82685
Pace, P.E., Taylor, L.L. False alarm analysis of the envelope detection GO-CFAR processor 75548
Pace, S.E. *see* Van Laar, J.A. 78465
Pach, A.R., Palazzo, S., Panno, D. Overload performance of DQDB networks in presence of erasure nodes and BWB mechanism 85336
Pacheco, A.M.G., Ferreira, M.G.S. An investigation of the dependence of atmospheric corrosion rate on temperature using printed-circuit iron cells 49696
Pacheco, F. *see* Araujo, D. 79869
Pacheco, G. *see* Papadopoulos, G. 90342
Pacheco, M.D. *see* Sims, J.R. 83550
Pachl, J. A proof of protocol correctness 57975
Pachowicz, P.W. Semi-autonomous evolution of object models for adaptive object recognition 74480
Pachunke, T., Mertineit, O., Wothke, K., Schmidt, R. The linguistic knowledge in a morphological segmentation procedure for German 73784
Pacifici, G. *see* Baiocchi, A. 51849
Pacifici, G. *see* Lazar, A.A. 95698
Pacifici, G. *see* Skelly, P. 64952
Pacini, P.J., Kosko, B. Adaptive fuzzy frequency hopping system 52324
Paciotti, M.A., Cooke, D.W., Leon, M., Bennett, B.L., Pillai, C., Rivera, O.M., Hitti, B., Estle, T.L., Cox, S.F.J., Lichti, R.L., Adams, T.R., Lamp, C.D., Morrobel-Sosa, A., Richter, O., Boekema, C., Lam, J., Alves, S., Oostens, J., Davis, E.A. Development of a μLCR facility at LAMPF 76401
Paciotti, M.A. *see* Leon, M. 76776
Pack, C.D. *see* Bolotin, V.A. 51882
Pack, C.D. *see* Kuhn, P.J. 51881
Pack, D.R. *see* Vasu, E. 89706
Pack, J. Real-world gigabit networking 96730
Pack, M. *see* Ensor, J.R. 65455
Packan, P. *see* Meister, T.F. 62964
Packan, P.A. *see* Griffin, P.B. 93120
Packard, E. *see* Sano, A. 50262
Packebush, P. *see* Enjeti, P. 68202
Packebush, P. *see* Kim, S. 68763
Packer, L.K. Active SCSI terminators confront critics and gain acceptance 79340
Packer, M., Rubinstein, F. Developing practical reflectors for cylindrical and compact fluorescent lamps based on nonimaging optics 69205
Packowski, M.A. *see* Yuan, J. 92794
Pacl, P., Wiglasz, V., Rosypal, F. New electrical steel strip grades developed in the Czech and Slovak republics 70167
Padalko, L.P. Technical and economic methods of calculations under commercial conditions 59843
Padam, B.S., Rao, C.S. A new method to determine series and shunt compensation of EHV lines 99693
Padamsee, H., Green, K., Jost, W., Wright, B. A statistical model for field emission in superconducting cavities 67121
Padamsee, H. *see* Akai, K. 67058
Padamsee, H. *see* Graber, J. 67093
Padamsee, H. *see* Graber, J. 67094
Padamsee, H. *see* Graber, J. 67095
Padamsee, H. *see* Hartung, W. 87731
Padamsee, H. *see* Kirchgessner, J. 67104
Padamsee, H. *see* Kirchgessner, J. 67105
Padamsee, H. *see* Moffat, D. 67056
Padamsee, H. *see* Moffat, D. 67120
Padamsee, H. *see* Nordberg, E. 66815
Padden, W.J. The Canadian network for the advancement of research, industry and education (CANARIE) 85778
Paddeu, S. *see* Gavazzo, P. 67435
Padeletti, G. *see* Mathet, V. 79835
Padeletti, G. *see* Olivier, J. 79838
Padellec, P.Le *see* Le Padellec, P.
Padencov, D. *see* Petcu, F. 68249
Paderin, P.S., Afanasiadi, A.G., Timoshpol'skii, V.I., Malevich, Yu.A., Feoktistov, Yu.V., Paderin, S.N. Energy and technological conditions for the melting of pellets in a 100-ton electric arc furnace 60638
Paderin, S.N. *see* Paderin, P.S. 60638
Padgett, M.J. *see* Yelland, C. 72945
Padgett, M.L., Roppel, T.A., Raad, C.C., Townsley, M., Graf von Haslingen, T. Neural networks for signal processing and analysis: a clustering approach 85094
Padhi, H.C. *see* Misra, S. 54937
Padilla, C. *see* Ariztizabal, F. 98518
Padilla, C. *see* Gingrich, D. 53291
Padin, S.F. *see* Soares, S. 75690
Padiyar, K.R., Immanuel, V. Modelling of SVC for stability evaluation using structure preserving energy function 99567
Padiyar, K.R., Lakshmi Devi, A. Control and simulation of static condenser 68078
Padmanaban, M., Kinoshita, Y., Kudo, T., Lynch, T., Masuda, S., Nozaki, Y., Okazaki, H., Pawlowski, G., Przybilla, K.J., Roeschert, H., Spiess, W., Suehiro, N., Wengenroth, H. Structure-property relationship in acetal-based chemically amplified three component DUV resist 81618
Padmanaban, M. *see* Spiess, W. 81620
Padmanabhan, K. FAUST—a fault tolerant sparing technique for ATM switch architectures 75157
Padmanabhan, K., Ananthi, S., Nedumaran, D. A nonfading ECG display circuit for patient monitoring using simple TV picture tubes 76992
Padmanabhan, M., Martin, K. A CMOS analog multi-sinusoidal phase-locked-loop 80191

Padmini, C.U., Naidu, P.S. Circular array and estimation of direction of arrival of a broadband source 57505
Padmore, H.A., Martynov, V., Holis, K. The use of diffraction efficiency theory in the design of soft x-ray monochromators 88279
Padmore, H.A. *see* Kozhevnikov, I.V. 67409
Padoani, F. *see* Gualdrini, G.F. 88592
Pados, D.A., Papantoni-Kazakos, P., Kazakos, D., Koyiantis, A.G. On-line threshold learning for Neyman-Pearson distributed detection 74174
Padovan, G., de Maagt, P., Graham, R. Advanced quasi-optical demultiplexer design and measurements at millimeter waves 57311
Padovani, R. Reverse link performance of IS-95 based cellular systems 86077
Paduano, J.D. *see* Collins, S.A. 53508
Padusenko, A.H. *see* Belolaptikov, I.A. 59156
Paek, M.C. *see* Nahm, S. 79828
Paek, S.H. *see* Hwang, Y.S. 62550
Paek Sang Hun *see* Sang Hun Paek
Paek Su Hyon *see* Su Hyon Paek
Paelke, G. *see* Serafin, C. 96879
Paemel, M.Van *see* Van Paemel, M.
Paez-Borrallo, J.M., Perez Alvarez, I.A. Self improved error reference for adaptive echo cancellation in full-duplex baseband data communications 85946
Pafimeni, S.R., McKenna, T.A. New-technology fabric filter is choice at lignite-fired plant 78401
Pagano, A. *see* De Filippo, E. 59061
Pagano, E. *see* Attanaiese, C. 54223
Pagano, R.J. *see* Aumann, H.H. 53541
Pagano, S. *see* Cristiano, R. 63296
Pagano, S. *see* Cristiano, R. 63311
Page, H., Blau, W., Davey, A.P., Lou, X., Cardin, D.J. Nonlinear optical properties of some mono- and bimetallic organometallic systems 56867
Page, I. Constructing hardware-software systems reliably from a single description 55237
Page, J. *see* Stimac, L. 67960
Page, J.H. *see* Breen, A.P. 64349
Page, J.L. *see* Ruffin, P.B. 87219
Page, J.P. *see* Donohue, P.C. 91056
Page, K.J. *see* Kelly, P.H. 93593
Page, L.B., Perry, J.E. Reliability polynomials and link importance in networks 61010
Page, L.B., Perry, J.E. Standard deviation as an alternative to fuzziness in fault tree models 91128
Page, T. *see* Hurh, P. 76600
Pageot-Millet, C. *see* Cornily, J.-M. 74862
Paget, D. *see* Berkovits, V.L. 55740
Paget, M.M.Poc *see* Poc Paget, M.M.
Pagett, E. Solutions with phase control dimming 54246
Paggi, M. *see* Voldman, S. 63008
Paggi, R. *see* Casale, A. 79044
Pagli, L., Pucci, G. Counting the number of fault patterns in redundant VLSI arrays 71750
Paglialunga, A., Ronchetti, L., Faglia, L., Minzer, S. The control of network resources for complex B-ISDN services 96810
Paglialunga, A., Ronchetti, L., Faglia, L., Minzer, S. The control of network resources for complex B-ISDN services 96818
Paglieri, E. *see* Bondonno, M. 74829
Paglieri, E. *see* Bondonno, M. 85508
Paglieroni, D.W., Ford, G.E., Tsujimoto, E.M. The position-orientation masking approach to parametric search for template matching 74306
Paglino, C. *see* Zogg, H. 61259
Pagnan, P. *see* Testa, F. 86367
Pagnan, S. *see* Ottonello, C. 74000
Pagni, A., Poluzzi, R., Rizzotto, G. Development programming tools for fuzzy logic 55353
Pagni, A., Poluzzi, R., Rizzotto, G., Lo Presti, M. Automatic synthesis, analysis and implementation of a fuzzy controller 54034
Pagni, A., Poluzzi, R., Rizzotto, G., Lo Presti, M. DC/DC converters fuzzy control 70294
Pagnia, H. Memory states in electroformed MIM diodes 71250
Pagnia, H. *see* Bischoff, M. 72569
Pagnia, H. *see* Bischoff, M. 72623
Pagnia, H. *see* Braeurer, S. 71251
Pagnia, H. *see* Franzka, S. 71254
Pagnia, H. *see* Horn, J. 81558
Pagnod, P. *see* Gaumont-Goarin, E. 56787
Pagnoux, D., Blondy, J.-M., Di Bin, P., Faugeras, P., Facq, P. Azimuthal far-field analysis for the measurement of the effective cutoff wavelength in single-mode fibers—effects of curvature, length, and index profile 50485
Pagnoux, D., Di Bin, P., Katcharov, N. Modelling and analysis of modal effects at misaligned connections between non-identical multimode fibres 72312
Pagola, F.L. *see* Zazo, A. 60182
Pahalawaththa, N.C. *see* Ancell, G.B. 68231
Pahalawaththa, N.C. *see* Samarasinghe, V.G.D.C. 77908
Pahalawaththa, N.C. *see* Samarasinghe, V.G.D.C. 99514
Pahl, J.J. *see* Cheng Wang 88416
Pahlavan, K., Levesque, A.H. Wireless data communications 85681
Pahlavan, K. *see* Yang, G. 97108
Pahlke, T. *see* Beyer, H.G. 89762
Pahlm, O. *see* Svensson, O. 76997
Pahner, U., Belmans, R., Ostovic, V. Three-dimensional eddy current solution of a polyphase machine test model 68532
Pahner, U. *see* DeWeerdt, R. 68618
Pahwa, A. *see* Sundhararajan, S. 89211
Pahwa, A. *see* Ucak, C. 78093
Pai, C. *see* Jia, L.X. 94006
Pai, D. *see* Milham, D.J. 51984
Pai, H.-F., Wang, H.-C. Two-dimensional cepstral distance measure for speech recognition 84119
Pai, K.R., Murthy, K.V.V., Ramachandran, V. Pole-parameter analysis: a novel approach for the design of filters 49528
Pai, M.A., Ranjan, R.K., Sauer, P.W. Robust stability in power systems with nonlinear loads using generalized Kharitonov's theorem 99453
Pai, M.A. *see* Overbye, T.J. 77819
Pai, P., Abidi, A.A. A simplified, low power 25 MHz CMOS equalizer for disk drive read channels 70732
Pai, P. *see* Yavatkar, R. 74984
Pai, P.K.D., Abidi, A.A. A 40-mW 55 Mb/s CMOS equalizer for use in magnetic storage read channels 49577
Pai, R.Y. *see* Cotter, D.J. 69208
Pai Chien-Ih *see* Chien-Ih Pai
Pai Chien-Shing *see* Chien-Shing Pai
Pai Hsiao-Fen *see* Hsiao-Fen Pai
Pai-Chi Li *see* Ebbini, E.S. 99360
Paic, G. *see* Almeida, J. 87994
Paige, A. *see* Mussman, H. 75424
Paige, D.A. *see* Way, J. 67918
Paige, E.G.S., Scarbrough, R.H., Yang, G.G. Feedback generated holograms 73128
Paige, E.G.S. *see* Chen, H.Y. 56440
Paige, E.G.S. *see* Huang, F. 50172
Paige, E.G.S. *see* Lin, M.J. 72361
Paik, H.J. Superconducting accelerometry: its principles and applications 63289
Paik, J.K. *see* Lee, S.W. 84982
Paik, K.W., Mogro-Campero, A. Studies on the high-temperature superconductor (HTS)/metal/polymer dielectric interconnect structure for packaging applications 79328
Paik Jong Sung *see* Jong Sung Paik
Paillet, P., Herve, D., Leray, J.L., Devine, R.A.B. Evidence of negative charge trapping in high temperature annealed thermal oxide 71257
Paillet, P. *see* Flament, O. 93454
Paillet, Ph. *see* Herve, D. 71223
Paillou, P. Non-antisymmetrical edge profile detection 64699
Pailthorpe, B.A. *see* McKenzie, D.R. 70083
Pailthorpe, B.A. *see* Wiszniewski, W.R. 63480
Pain, B., Fossum, E.R. A current memory cell with switch feedthrough reduction by error feedback 92176
Pain, B., Mendis, S.K., Schober, R.C., Nixon, R.H., Fossum, E.R. Low-power low-noise analog circuits for on-focal-plane signal processing of infrared sensors 66418
Pain, B. *see* Mendis, S.K. 66459
Painchaud, Y. *see* Chandonnet, A. 56680
Paindavoine, M. *see* Truchetet, F. 95853
Paine, B.M. *see* Yau, W. 80827
Paine, B.M. *see* Yau, W. 92586
Paine, D. *see* Xia, Z. 71307
Paine, D.C. *see* Caragianis, C. 93186
Painer, M. *see* Zerobin, F. 87783
Painter, C.L., Alvis, J.M., Beyer, C.E. Summary of fuel performance annual report for 1990 68401
Painter, J.F. The Matrix Editor for symbolic Jacobians in ALPAL 69837
Painter, J.H. *see* Young Hwan Lho 74224
Painter, T. *see* Boghosian, H.A. 82489
Painter, T. *see* Williams, J.E.C. 82412
Painter, T.A., Miller, J.R., Summers, L.T., Bonito-Oliva, A., Devernoe, A.L., Ciancetta, G.M., King, M.J., Bascunan, J., Rutman, G., Schaedler, R.M., Boghosian, H., Shapiro, A. Progress in the manufacture of the cable-in-conduit Nb_3Sn outsert coils for the 45 Tesla Hybrid Magnet 82446
Painter, T.A. *see* Miller, J.R. 82404
Pairat, M. *see* Benayoun, M. 59095
Pais, M.R., Leland, J.E., Chang, W.S., Chow, L.C. Single-phase heat transfer characteristics of submerged jet impingement cooling using JP-5 91085
Paiss, O. *see* Rainish, D. 75300
Paiva, C.R. *see* Topa, A.L. 57188
Paixao, O.P., Jastrzebski, A.K. Analysis and sensitivities of noisy networks using nodal approach 80729
Pajarola, S. *see* Syvridis, D. 56906
Pajarre, E. *see* Ritoniemi, T. 97731
Pajdla, T., Hlavac, V. Surface discontinuities in range images 95691
Pajewski, W., Kielczynski, P., Szalewski, M. Ring vibrations in an acoustic medium as a source of ultrasonic radiation 99348
Pak, E.T. *see* Yeung, N.K. 92284
Pak, K. *see* Maruyama, H. 48932
Pak, K. *see* Takagi, Y. 70015
Pak, P.S., Suzuki, Y. Construction and characteristics of a multi-cascade heat utilizing power generation system with partial CO_2 recovery 68473
Pak Georgui *see* Georgui Pak
Pakbaz, G.Yu.K., Heeger, A.J. Semiconducting polymer diodes: large size, low cost photodetectors with excellent visible-ultraviolet sensitivity 66365
Pakbaz, K. *see* Yu, G. 94293
Pakbaz, K. *see* Zhang, C. 56573
Pakhomov, V.P. *see* Fateev, V.N. 53900
Paknys, R. On the accuracy of the UTD for the scattering by a cylinder 73287
Pakonen, P., Nikander, A., Kannus, K. RF, PD and leakage current measurements as a diagnostic technique for medium voltage equipment 90094
Pakonski, K. *see* Blocki, J. 87986
Paksoy, E., Srinivasan, K., Gersho, A. Variable rate speech coding with phonetic segmentation 73869
Paksy, G. *see* Jereb, L. 85366
Pakulov, G.I. *see* Kostyukov, N.S. 99833
Pakulski, G. *see* Hong, J. 94494
Pal, A. *see* Pal, R.K. 70251
Pal, A. *see* Pal, R.K. 71757
Pal, A.K. *see* Pal, R. 61368
Pal, B.B., Chattopadhyay, S.N., Mishra, S., Singh, S., Khan, R.U. Time dependent analysis of an ion-implanted GaAs OPFET 50672
Pal, B.B., Khan, R.U., Chakrabarti, P. Theory of the MM wave IMPATT diode: A review 70909
Pal, B.B., Mitra, H., Singh, D.P. Enhanced optical effect in a high-electron-mobility phototransistor device: two-dimensional modeling considering a realistic velocity-field relation 56533
Pal, D. Fractionally spaced equalization of multipath channels: a semi-blind approach 85206
Pal, D., Sanyal, S.K., Nandi, R. Generation of digital modulation for optical communication using tunable active-R oscillator 52476
Pal, D. *see* Nandi, R. 70792
Pal, D. *see* Nandi, R. 70793
Pal, D.K. *see* Basu, S. 81841
Pal, G. Virtual instrumentation. When a tool isn't really a tool but is 66119
Pal, N.R. *see* Bhandari, D. 69751
Pal, N.R. *see* Ghosh, A. 84854
Pal, N.R. *see* Tsao, E.C.-K. 74472
Pal, P. *see* Sen, S. 60405
Pal, P.Kumar *see* Kumar Pal, P.
Pal, R., Bhattacharyya, D., Maity, A.B., Chaudhuri, S., Pal, A.K. Nanostructured ZnTe films prepared by d.c. magnetron sputtering 61368
Pal, R.K., Datta, A.K., Pal, S.P., Pal, A. Resolving horizontal constraints and minimizing net wire length for multi-layer channel routing 70251
Pal, R.K., Pal, S.P., Pal, A. A new lower bound for channel routing 71757
Pal, R.N. *see* Patra, J.C. 95635
Pal, S.K., Mitra, S. Fuzzy versions of Kohonen's net and MLP-based classification: performance evaluation for certain nonconvex decision regions 64580
Pal, S.K. *see* Bhandari, D. 51686
Pal, S.K. *see* Bhandari, D. 69751
Pal, S.K. *see* Ghosh, A. 84854
Pal, S.K. *see* Mandal, D.P. 77654
Pal, S.K. *see* Mitra, S. 51404
Pal, S.K. *see* Mukhopadhyay, S. 100130
Pal, S.K. *see* Mukhopadhyay, S.C. 100128
Pal, S.K. *see* Mukhopadhyay, S.C. 100129
Pal, S.P. *see* Pal, R.K. 70251
Pal, S.P. *see* Pal, R.K. 71757
Pal, T. *see* Borer, K. 76790
Pal Cho Seuk *see* Seuk Pal Cho
Palacios, A.Restrepo *see* Restrepo Palacios, A.
Palacios, J.L. Another look at the Ehrenfest urn via electric networks 79562
Palagi, B.B. *see* Katzmann, R.H. 89502
Palagin, A.V. *see* Gushcha, A.O. 87307
Palais, J.C. *see* Gilsdorf, R.W. 63377
Palakodeti, S.Rao *see* Rao Palakodeti, S.
Palamarchuk, S.I. Determination of available reactive power for generating busbars 77918
Palamarchuk, S.I. The determination of the available reactive power of generating units 99807
Palaniappan, K. *see* Hasler, A.F. 64786
Palaniswami, M. *see* Chan, P.T.H. 65653
Palara, S., Sueri, S., Tagliavia, D., Galluzzo, A., Melito, M., Aiello, N. Modern electronic ignition in VIPower technology 60591
Palasantzas, G. Frequency shift of a quartz crystal oscillator bounded by a self-affine fractal rough surface in contact with a liquid 82197
Palashov, O.I. *see* Andreyev, N.F. 63694
Palashov, O.V. *see* Andreev, N.F. 82966
Palashov, O.V. *see* Andreyev, N.F. 56893
Palashov, V.N. *see* Prokofev, A.E. 83219
Palatov, K.I. *see* Armand, N.A. 86634
Palatov, K.I. *see* Bazarov, Ye.N. 82889
Palau, J.-M. *see* Roubaud, F. 71644
Palazzo, S. *see* Pach, A.R. 85336
Palchetti, L. *see* Sottini, S. 56903
Palczynski, J. Current divertor—a novel circuit to regulate multiple outputs 49159
Paldi, E. *see* Nehorai, A. 84366
Paldi, E. *see* Nehorai, A. 84461
Paldi, E. *see* Nehorai, A. 95525
Paldi, E. *see* Nehorai, A. 98167
Paleev, M.R. *see* Nanii, O.E. 63943
Paleev, M.R. *see* Nanii, O.E. 73088

Palencar, R., Wimmer, G. Type A evaluation of uncertainty for some special cases of measurement 75809
Palenichka, R.M., Mysak, R.T. Structure-adaptive binary segmentation of images using edge detection 84874
Palestini, S. *see* Fanti, V. 76788
Palestini, S. *see* Harr, R. 88209
Palestini, V. *see* Missiroli, M. 86100
Paletta, F. *see* Brambilla, L. 99105
Paletta, F. *see* Flores, C. 100739
Palevsky, A. *see* Gammie, G. 92877
Paley, D. *see* Shelton, J.W. 89804
Palfrey, S. *see* Xiao, X. 66483
Palin, R.I.R. *see* Harrison, A.J. 99288
Paliouras, V. *see* Soudris, D. 70402
Palitsyn, D.B. *see* Mendelevich, V.A. 99811
Palitsyn, D.B. *see* Mendelevich, V.A. 99813
Palitsyn, D.B. *see* Mendelevich, V.A. 99928
Paliwal, K.K. Use of temporal correlation between successive frames in a hidden Markov model based speech recognizer 73884
Paliwal, L.N. *see* Singh, G.K. 78623
Palkovic, J.A. Longitudinal instabilities in the MEB 87907
Palkuti, L.J. *see* Di-Hui Huang 62772
Palla, S. *see* Robinson, M.E. 91920
Palladino, J.L. *see* Bronzino, J.D. 60784
Palladino, V. *see* Buontempo, S. 53296
Palladino, V. *see* Buontempo, S. 98502
Pallares, M.D. *see* Fontdevila, J. 98899
Pallaro, L. *see* Cerullo, G. 63953
Pallas-Areny, R. *see* Vargas, M. 92356
Palleau, J., Jourdain, D., Oberlin, J.C., Alaimo, M., Clarisse, C., Templier, F., Argoud, G., Aubert, D., Beudon, M., Bouzid, M.J., Laviale, D., Torres, J. Qualification and validation of a process for thin film MCM fabrication 81107
Pallin, D. *see* Ariztizabal, F. 98518
Pallo, J. *see* Vajnovszki, V. 69741
Pallonen, J. *see* Grandell, J. 77443
Palm, E.C. *see* Scholten, R.E. 71445
Palm, S.P., Melfi, S.H., Carter, D.L. New airborne scanning lidar system: applications for atmospheric remote sensing 88767
Palm, T. *see* Thylen, L. 72431
Palma, A. *see* Gamiz, F. 55996
Palma, C., Bagini, V. Propagation of super-Gaussian beams 83241
Palma, D. *see* Benedetti, R. 77256
Palma, F. *see* Caputo, D. 60474
Palma, F. *see* Caputo, D. 92989
Palma, F. *see* Masini, G. 100694
Palma, G.E. *see* Benda, J.A. 83206
Palma, G.M. *see* Ekert, A.K. 84004
Palma, J.-F.de *see* de Palma, J.-F.
Palma, J.P., Dente, J.G., Carvalhal, F.J. Simplified procedures for rotor field oriented control of voltage-source induction motor drives 90510
Palma, M.S. *see* Castillo, L.E.G. 73436
Palmateer, S.C. *see* Aull, B.F. 56475
Palmeira, P.F.M. *see* Silva, E.J. 83448
Palmer, A.W. *see* Chitarce, R. 82549
Palmer, A.W. *see* Chitarce, R. 98325
Palmer, A.W. *see* Collins, S.F. 65929
Palmer, A.W. *see* Wang, D.N. 83397
Palmer, A.W. *see* Wang, W.M. 94463
Palmer, C. *see* Valdes, V.S. 88280
Palmer, C.H. *see* Hsu, N.N. 91659
Palmer, D. *see* Vlicks, A.E. 67011
Palmer, J. *see* Menna, R.J. 69949
Palmer, J. *see* Yi, J. 78822
Palmer, J. *see* Yi, J. 100690
Palmer, J.R. *see* Jacobson, R.E. 98103
Palmer, J.W. *see* Gregory, J.P. 54210
Palmer, J.W. *see* Lee, H.J. 71570
Palmer, M. *see* Yamasaki, R.G. 93887
Palmer, M.R. Ultrasonic focused waves from line source configurations 84574
Palmer, P.L., Kittler, J., Petrou, M. Using focus of attention with the Hough transform for accurate line parameter estimation 84630
Palmer, P.R. *see* Johnson, C.M. 98251
Palmer, P.R. *see* Tseng, K.J. 93318
Palmer, P.R. *see* Tseng, K.J. 93364
Palmer, R.P. *see* Johnson, C.M. 55939
Palmer, S. *see* Carlen, C.R. 94684
Palmer, S. *see* Zhang, J. 57013
Palmer, S.B. *see* Dixon, S. 99378
Palmer, T. *see* Banerjee, A. 100523
Palmer, W. *see* Tesarek, R.J. 98504
Palmer, W.D., Mancusi, J.E., Ball, C.A., Joines, W.T., McGuire, G.E., Temple, D., Vellenga, D.G., Yadon, L. Measured DC performance of large arrays of silicon field emitters 92875
Palmer, W.D. *see* Balakrishnan, A. 55450
Palmer-Stevens, D. Fibre optic cabling in local area networking 65858
Palmier, J.F. *see* Cadiou, J.F. 92515
Palmier, J.F. *see* Le Person, H. 72654
Palmier, J.F. *see* Minot, C. 62281
Palmier, J.F. *see* Regi, F.X. 82401
Palmieri, L. *see* Carlotti, G. 93742
Palmisano, C., Palumbo, G. Offset compensation technique for CMOS current comparators 56075
Palmisano, F., Centonze, D., Zambonin, P.G. An in situ electrosynthesized amperometric biosensor based on lactate oxidase immobilized in a poly-o-phenylenediamine film: determination of lactate in serum by flow injection analysis 98132
Palmisano, G., Palumbo, G. Offset-compensated low power current comparator 92431
Palmisano, G., Palumbo, G., Dias, V.F. A high-frequency differential SC integrator with highly accurate gain compensation 49583
Palmisano, G. *see* Dias, V.F. 49209
Palmisano, G. *see* Dias, V.F. 61613
Palmor, Z.J. *see* Cheres, E. 60087
Palmore, J.R. Modernising Alexandria's electricity distribution system 68194
Palmour, J. *see* Brown, D.M. 49826
Palmour, J.W. *see* Weitzel, C.E. 92536
Palmour, J.W. *see* Xie, W. 61712
Palmquist, M. *see* Zimmerman, D.E. 90817
Palms, F. *see* Bolognesi, G. 100544
Palmskog, G.F., Svensson, B.-M. Polyimide waveguide and laser diode encapsulated with silicone elastomer 82860
Palmstrom, C.J., Van Der Gaag, B.P., Song, J.-I., Hong, W.-P., Schwarz, S.A., Novak, S. Growth of heavy carbon-doped GaInAs lattice matched to InP by chemical beam epitaxy 61276
Palmstrom, C.J. *see* Jong-In Song 92555
Palmstrom, C.J. *see* Song, J.-I. 55410
Palmteer, B. *see* Dickson, J.F. 79384
Palnitkar, S. *see* Somani, A.K. 54592
Paloheimo, J. *see* Ahlskog, M. 81867
Palomaki, J. *see* Clementi, J. 91015
Palombo, F. *see* Aulchenko, V.M. 67341
Palombo, F. *see* Cantoni, P. 53306
Palombo, P. *see* Pellegrini, P.F. 57800
Palombo, P. *see* Pellegrini, P.F. 57803
Palomino, A. *see* Gilkey, J.Y. 67956
Palomino, S. *see* Legras, J.C. 66753
Paloscia, S. *see* Baronti, S. 77655
Paloscia, S. *see* Susini, C. 77664
Palounek, A.P.T. *see* Ziock, H.J. 76767
Paloura, E.C. *see* Markwitz, A. 93073
Palowitch, A.W., Jaffe, J.S. Three-dimensional ocean chlorophyll distributions from underwater serial-sectioned fluorescence images 59573
Palsson, O.P. *see* Madsen, H. 89654
Pal'tsev, I.E. *see* Dobrovol'skii, V.N. 49803
Palumbo, D. Automating failure modes and effects analysis 54642
Palumbo, D.L. The derivation and experimental verification of clock synchronization theory 61782
Palumbo, G. CMOS current comparator: simplified analysis of the delay time 50091
Palumbo, G. *see* Cheung, C. 70168
Palumbo, G. *see* Di Cataldo, G. 91879
Palumbo, G. *see* Di Cataldo, G. 93625
Palumbo, G. *see* Palmisano, C. 56075
Palumbo, G. *see* Palmisano, G. 49583
Palumbo, G. *see* Palmisano, G. 92431
Palumbo, L. *see* Bartalucci, S. 67061
Palumbo, L. *see* Fedele, R. 66905
Palumbo, P. *see* De Bernardis, P. 66010
Palusinski, O.A., Szidarovszky, F. A Chebyshev expansion method for solving nonlinear circuit equations 55042
Palusinski, O.A. *see* Dongjin Lee 80027
Palusinski, O.A. *see* Szidarovszky, F. 91689
Paluszek, S.E. *see* Brant, D. 97515
Palz, W. Role of new and renewable energies in future energy systems 53861
Palz, W. Power for the world: a global photovoltaic action plan 60130
Palz, W., Carati, G., Zervos, A. Renewable energy development in Europe 99821
Palz, W. *see* Mertens, R. 53973
Pamfilov, R.K. A generalised algorithm for structural analysis of information on fractional horsepower machines 78666
Pamola, R.C. *see* Rawat, V. 96982
Pampaloni, P. *see* Baronti, S. 77655
Pampaloni, P. *see* Susini, C. 77664
Pamulapati, J. *see* Shen, H. 72441
Pamulapati, J. *see* Shen, H. 94183
Pan, C. *see* Arnaudon, L. 66851
Pan, C.-T. *see* Jiang, M.-C. 61604
Pan, D.S. *see* Li, H.S. 56543
Pan, F. *see* Liu, B.X. 49920
Pan, F.-M., Chen, J.-L., Chou, T., Lin, T.-S., Chang, L. Interface studies of the diamond film grown on the cobalt cemented tungsten carbide 91623
Pan, G., Zhu, X., Gilbert, B. A quasi-static analysis of fuzz button interconnects 54519
Pan, G.Q. *see* Li, L.Q. 100606
Pan, G.W. *see* Techentin, R.W. 79342
Pan, G.W. *see* Wang, G. 84955
Pan, J., Fischer, T.R. Vector quantization of speech LSP parameters using trellis codes and l_1-norm constraints 73834
Pan, J. *see* Ali, M.A. 82991
Pan, J. *see* Jeominek, H. 63454
Pan, J.J. High-reliability, high-performance photonic components for aerospace, terrestrial and undersea applications 65826
Pan, J.W. *see* Vaughan, J.T. 98861
Pan, K. *see* Li, X. 79666
Pan, K.-R.Ricky *see* Ricky Pan, K.-R.
Pan, K.H. *see* Liaw, C.M. 68851
Pan, L. *see* Young, A.T. 53272
Pan, L.J. *see* Bai, J.Z. 53324
Pan, L.S. *see* Tesarek, R.J. 98504
Pan, M.H. *see* Zhang, B.M. 59823
Pan, N. *see* Gardner, N.F. 54899
Pan, Q., Green, R.J. AM-SCM-PCM lightwave CATV transmission systems 75746
Pan, Q., Green, R.J. Companding technique for AM-SCM-PCM lightwave CATV systems 97674
Pan, Q.W., Bryant, G.H. Effective rain-cell diameters and rain-column heights in the tropics 94817
Pan, S., Reilly, M.T., Di Fabrizio, E., Leonard, Q., Taylor, J.W., Cerrina, F. An optimization design method for chemically amplified resist process control 81727
Pan, S. *see* Ong, T.C. 70497
Pan, S.-G. *see* Heberling, D. 58317
Pan, S.G. *see* Becks, T. 57306
Pan, T. *see* Yamasaki, R.G. 93887
Pan, T.-S., Gennert, M.A., Gauch, J.M., King, M.A. Comparison of second directional derivative boundary detection methods for SPECT 59295
Pan, V.Y. Improved parallel solution of a triangular linear system 54758
Pan, V.Y. New resultant inequalities and complex polynomial factorization 91350
Pan, W. *see* Vijay, D.P. 56129
Pan, X., Hansen, C.H. Piezoelectric crystal vs point force excitation of beams and plates 63104
Pan, X., Tromborg, B., Olesen, H. Complex pole expansion approach to multimode DFB laser modelling 94440
Pan, X. *see* Yasillo, N.J. 98821
Pan, Y. Order statistics on optically interconnected multiprocessor systems 72529
Pan, Z.G. *see* Li, Y. 82787
Pan, Z.G. *see* Yao Li 52286
Pan Ailing On the fast algorithms of multi-dimensional DCT and DST with input/output in normal orders 84581
Pan Chen-Yang *see* Chen-Yang Pan
Pan Ching-Tsai *see* Ching-Tsai Pan
Pan Ci-Ling *see* Ci-Ling Pan
Pan Dee-Son *see* Dee-Son Pan
Pan Deheng *see* Chen Anshi 87550
Pan Deheng *see* Zhou Hanchang 97995
Pan Guangwen *see* Guangwen Pan
Pan Haili *see* Haili Pan
Pan Hongye *see* Hongye Pan
Pan Hua-Yong *see* Hua-Yong Pan
Pan Huayong *see* Huayong Pan
Pan Hyo-Dong *see* Hyo-Dong Pan
Pan Jen-Wei *see* Jen-Wei Pan
Pan Ji, Tan Yan, Li Guoxing, Zhao Honglin, Yang Enze Study of silicon SIMOX single-mode rib waveguide 72412
Pan Ji, Zhao Honglin, Yang Enze Theoretical analysis and experimental results for the performance of all-silicon large cross section optical waveguides 82637
Pan Ji *see* Zhao Honglin 62859
Pan Jian *see* Yuan Libo 66401
Pan Jielin *see* Tan Zheng 84177
Pan Jingong *see* Pan Shentian 91216
Pan Kun *see* Kun Pan
Pan Minghui *see* Deng Youman 99540
Pan Peichen *see* Peichen Pan
Pan Ping-Qi *see* Ping-Qi Pan
Pan Qijing *see* Yang Yonggao 65255
Pan Quan *see* Zhang Youmin 84238
Pan Sheau-Shi *see* Sheau-Shi Pan
Pan Shentian, Song Lu, Pan Jingong Preference acquisition in the logic model of conflict analysis 91216
Pan Shi-hong *see* Shi-hong Pan
Pan Shuming, Liu Jinfang, Xu Yinfan In situ and dynamic observation of NdFeCoB magnet by high voltage transmission electron microscope 71932
Pan Tsung-Yu *see* Tsung-Yu Pan
Pan Wei-Yan *see* Wei-Yan Pan
Pan Xianzheng *see* Xianzheng Pan
Pan Xiao Dan *see* Xiao Dan Pan
Pan Xiaohe *see* Xiaohe Pan
Pan Xiaoren *see* Xiaoren Pan
Pan Xuezeng *see* Xuezeng Pan
Pan Yi *see* Yi Pan
Pan Yingjun *see* Huang Shanglian 66384
Pan Zhaoxin *see* Zhaoxin Pan
Pan Zhenzhong Development of broadcasting in China 75701
Pan Zhibing *see* Zhibing Pan
Pan Zhigeng *see* Zhigeng Pan
Pan Zhongying, Jiang Changyin, Lin Pingshi, Guo Huamin, Yang Qiji Measurement of the impulse responses and the wideband RCS of targets using transient electromagnetic field 65889
Pan Zhongying, Yang Qiji, Jiang Changyin Modified Steepest Descent Method for inverting the impulse response of a target 94783
Pan Zu-Shan *see* Ye Zhong-Ming 100384
Pan-Tai Liu, Hui Fang, Fu Li Approximate Kalman filtering for multiply perturbed systems 74129
Panabiere, J.-P. *see* Pons, M. 49925
Panadiwal, R., Goscinski, A.M. High performance and reliable disk and basic file services for the distributed environment of RHODOS 74923

Panajotov, K.P. Polarization properties of a fiber-to-asymmetric planar waveguide coupler 72334
Panajotov, K.P., Andreev, A.T. Distributed coupling between a single-mode fiber and a planar waveguide 56360
Panajotov, K.P. *see* Andreev, A.T. 94078
Panankakis, G. *see* Papadas, C. 55264
Panarella, E. *see* Chen, J. 81604
Panariello, G. *see* Bucci, O.M. 51214
Panasiuk, L.M., Zhurminskii, I.L. Exposure and contrast characteristics of photothermoplastic at radiation with light of ruby Q-switched laser 73144
Panasyuk, T.L. *see* Piletsky, S.A. 66258
Panasyuk, V.S. *see* Anevsky, S.I. 87750
Panayiotou, S., Soper, A. Artificially intelligent 3D industrial inspection system for metal inspection 54571
Panayirci, E. *see* Aygolu, U. 58336
Panayirci, E. *see* Aygolu, U. 83994
Pancaldi, M. *see* Bettocchi, R. 89721
Pance, A. *see* Martens, J. 93934
Pance, G., Wengler, M.J. Broadband quasi-optical SIS mixers with large area junctions 55421
Pance, G. *see* Dubash, N.B. 58709
Pancella, P.V. *see* Ross, M.A. 53283
Pancha, P., El Zarki, M. MPEG coding for variable bit rate video transmission 52715
Pancha, P. *see* DeCleene, B. 64755
Pancha, P. *see* Urabe, T. 58577
Panchal, C.J. *see* Patel, N.G. 90453
Panchanathan, S. *see* Chan, E. 85153
Panchanathan, S. *see* Fatemi, O. 92249
Panchanathan, S. *see* Iyengar, G. 57913
Panchanathan, S. *see* Jain, A. 84914
Panchanathan, V. *see* Mishra, R.K. 71937
Panchenko, A.N. *see* Mel'chenko, S.V. 63638
Panchenko, N.D. *see* Amosov, A.F. 99952
Panchenko, V.Y. *see* Vasiltsov, V.V. 56629
Panchenko, V.Ya. *see* Galushkin, M.G. 56630
Panchenko, V.Ya. *see* Galushkin, M.G. 56834
Panchenko, V.Ya. *see* Krasnikov, V.V. 59374
Panchenko, Yu.N. *see* Bychkov, Yu.I. 63635
Pancholi, S.V. *see* Aabo, T. 89277
Panchyshyn, Yu. *see* Hlynsky, Ya. 79718
Panciatici, P., Daniel, D., Nonnon, P., Meyer, B. User-defined equipment models for long term and transient stability studies 59695
Panciera, R. *see* Basile, G. 86982
Panciera, R. *see* Sacconi, A. 86981
Panckow, A.N., Witte, H., Oleynik, T. An X-ray detector based on a-Si:H/transition metal bilayer systems 98734
Panckow, A.N. *see* Drusedac, T.P. 62309
Pancorbo, M. *see* Aguilar, M. 95649
Pancsics, Z. The planning of frequency sounding measurements and the joint-evaluation of the direct current sounding and the frequency sounding methods 59540
Panda, A.K. *see* Dash, G.N. 55406
Panda, B.K. *see* Shan, Y.Y. 81226
Panda, D.K. *see* Dash, P.K. 87014
Panda, S. *see* Rhyne, T.L. 99330
Panda, S. *see* Schock, S.G. 88808
Panda, S.K., Leong, K.C., Lau, W.T.J., Lock, K.S. Further developments in indirect-rotor position sensing of variable-reluctance motors using waveform-detection technique 89894
Pande, K. *see* Ho, T.C. 49657
Pande, K. *see* Ho, T.C. 80735
Pande, K. *see* Seng-Woon Chen 49660
Pande, M., Hua Jin, Geza Joos An efficient approach in simulating power converters and systems 90125
Pande, M., Hua Jin, Joos, G. Modulated integral control technique for compensating switch delays and non-ideal DC bus in three phase voltage source inverters 100323
Pande, M., Joos, G., Jin, H., Ziogas, P.D. Output voltage integral control technique for compensating a non-ideal DC bus in voltage source inverters 60347
Pande, M.B., Singh, R., Gupta, S.D. Chaos in a piecewise linear system under frequency switching 80170
Pande, R. *see* Ayyagari, M. 87305
Pande, R. *see* Marx, K.A. 79995
Pandey, A.K. *see* Biswas, M. 77758
Pandey, H. Some aspects on stochastic discounting 91187
Pandey, M., Singh, V.P., Srivastava, C.P.L. A Bayesian estimation of reliability model using the linex loss function 61043
Pandey, P. On scaling an algebraic Riccati equation 54649
Pandey, P.C. *see* Gautam, N. 67759
Pandey, R.K., Maffi, S., Bicelli, L.P. Evolution of the morphology, structure and composition of CdTe films potentiostatically electrodeposited from an ethylene glycol-based bath 48963
Pandey, R.K. *see* Jana, P. 54980
Pandharipande, V.M. *see* Srinivas Rao, K. 64203
Pandini, D. *see* Charbon, E. 91786
Pandit, M. *see* Buchheit, K. 75983
Pandit, M. *see* Greiner, T. 84970
Pandit, M. *see* Hoefer, S. 84953
Pandit, M. *see* Pandit, S. 59385
Pandit, S., Pandit, M. A novel setup for automatic measurement of ECG signal parameters 59385
Pandit, S.M., Jordache, N., Joshi, G.A. Data-dependent systems methodology for noise-insensitive phase unwrapping in laser interferometric surface characterization 95639
Pandit, S.N., Joshi, G.A. Image enhancement: a data dependent systems approach 95892
Pandit, V.B. Artificial intelligence and expert systems: a technology update 99407
Pandolfini, P. *see* Pellegrini, P.F. 57800
Pandoulas, D. *see* Bock, R. 59147
Pandoulas, D. *see* Kubicki, T. 67305
Pandya, A., Trefonas, P., Zampini, A., Turci, P. Highly regioselective PACs for i-line resist design: synthetic reaction model. Dissolution kinetics and lithographic response 81659
Pandya, A. *see* Vaijapurkar, S.G. 99027
Pandya, K.R., Iyer, K.N., Sanadhya, J.K., Rai, R.K. Study of VLF wave propagation at 12.3 kHz—preliminary results 51100
Panek, M. *see* Kentfield, J.A.C. 89770
Panella, B. *see* De Salve, M. 99877
Panepucci, R. *see* Gu, S.Q. 56526
Paneras, D.E., Mani, R., Nawab, S.H. STFT computation using pruned FFT algorithms 64400
Panero, S., Passerini, S., Scrosati, B. Conducting polymers: new/electrochromic materials for advanced optical devices 56429
Panescu, D., Gorski, T., Hu, Y.H., Lackey, J., Robl, P., Smith, W.H. A pipelined 4 by 12-bits domino logic VLSI adder 67385
Panescu, D., Hu, Y.H., Tompkins, W.J. A fast pipelined CORDIC-based adaptive lattice filter 80475
Panescu, D., Lackey, J., Robl, P., Smith, W.H. A fast low noise photomultiplier tube amplifier 61581
Panescu, D., Webster, J.G., Stratbucker, R.A. Modeling current density distributions during transcutaneous cardiac pacing 77057
Panescu, D. *see* Cohen, K.P. 59360
Panfilov, A.I. *see* Belolaptikov, I.A. 59156
Pang, C.S. *see* Ma, Y. 70516
Pang, D. *see* Moskowitz, M.J. 53427
Pang, J.W.M., Tobagi, F.A., Boyd, S. Generalized access control strategies for integrated services token passing systems 85673
Pang, K.K., Tan, T.K. Optimum loop filter in hybrid coders 57719
Pang, K.K. *see* Tan, T.K. 57721
Pang, P. *see* Lai, Y.S. 70899
Pang, P.Y.H., Agarwal, R.P. Monotone iterative methods for a general class of discrete boundary value problems 61158
Pang, S.W. *see* Sung, K.T. 93214
Pang, S.W. *see* Thomas, S., III 93193
Pang, W.H. *see* Lee, C.K. 60259
Pang, W.H. *see* Lee, C.K. 90019
Pang, Y. *see* Bo Lee 62042
Pang, Y. *see* Lee, B. 71036
Pang, Y. *see* Smith, D.D. 76847
Pang, Y. *see* Smith, D.D. 76848
Pang, Y. *see* Yanovsky, V. 72777
Pang De-Ling *see* De-Ling Pang
Pang Siam Chuan *see* Chan Choong Wah 74973
Pang-Shyan Kooi *see* Chrys Mendis, F.V. 86338
Pangborn, A. *see* Houlihan, F.M. 81624
Panggabean, L.M. Four years Sukatani, "The solar village Indonesia" 100015
Pangraz, S. *see* Hirsekorn, S. 77756
Panhuyzen, R.A. *see* de Lange, G. 50411
Panhuyzen, R.A. *see* de Lange, G. 55400
Pani, R., de Notaristefani, F., Blazek, K., Maly, P., Pellegrini, R., Pergola, A., Soluri, A., Scopinaro, F. Multi-crystal YAP:Ce detector system for position sensitive measurements 88044
Panian, J. *see* Moore, B. 51990
Panicali, A.R. On the amplitude center of three dimensional sources 83639
Paniccia, M., Reifenberger, R., Flinn, P. In-situ observation of electromigration in Au using atomic force microscopy 62548
Panicker, J., Kumar, S., Salt, J.E. Performance of frequency-hopped spread spectrum multiple-access packet radio with concatenated codes 86051
Paniez, P. *see* Schwalm, R. 81613
Paniez, P.J., Rosilio, C., Mouanda, B., Vinet, F. Origin of delay times in chemically amplified positive DUV resists 81614
Panin, V. *see* Benary, O. 53327
Panin, V. *see* Benary, O. 98517
Panin, V. *see* Benary, O. 98640
Panin, V.M., Aleksandrova, V.M. Convergence of the solution method for variational inequalities 91336
Panin, V.S. *see* Aulchenko, V.M. 67341
Panina, L.V. *see* Mizutani, M. 52794
Panisko, M.E. *see* Hensley, W.K. 98629
Panitz, J.A. *see* Blount, M. 53143
Panizzardi, G. *see* Marsan, M.A. 52175
Panjwani, M.A., Abbott, A.L., Rappaport, T.S., Haagh, J. An interactive system for visualizing wireless communication coverage within buildings 65371
Pank, R.A. On-line disk based editing 97692
Pankajakshan, V.S., Neelakandan, K., Menon, C.S. Dielectric properties of vacuum deposited vanadium pentoxide thin film capacitor 91557
Pankanti, S., Jain, A.K., Tuceryan, M. On integration of vision modules 84805
Pankert, M., Mauss, O.C. DSP implementation of a spread spectrum receiver using high level code synthesis 75212
Panknin, D. *see* Kogler, R. 55533
Pankov, L.V. *see* Kulizhsky, A.V. 64143
Pankow, J.C. *see* Woollen, D.P. 77083
Pankrat'eva, G.S. *see* Melnikov, V.M. 67813
Pankrath, R. *see* Sugg, B. 83366
Pankratov, N.A. Modern bolometers, detectors based on p-n junctions, and detectors based on the thermoelastic effect in crystalline quartz 58770
Panman, J. *see* Aoki, S. 53304
Panming Fu *see* Xuezhou Ding 94577
Panming Fu *see* Zhiguo Zhang 94642
Pannell, C.M. *see* Kazansky, P.G. 87238
Pannell, C.N. *see* Abdulhalim, I. 94396
Pannell, C.N. *see* Birks, T.A. 72500
Pannell, C.N. *see* Kringlebotn, J.T. 63624
Panneton, R.J. *see* Hwu, S.U. 86297
Panneton, R.J. *see* Kwon, H.M. 86300
Panno, D. *see* Pach, A.R. 85336
Pannullo, A. *see* Zuccala, A. 52511
Panock, R. *see* Wang, Z. 83053
Panoiu, N.-C. *see* Mihalache, D. 63365
Panov, Yu.V., Lee, F.C. A novel control evaluation technique for resonant converters 100280
Pansini, M. *see* Katsaros, E.T. 52397
Pansky, A. *see* Breskin, A. 59100
Pant, D.K. *see* Coalson, R.D. 72386
Pant, K.K., Tripathi, V.K. Nonlocal theory of a whistler pumped free electron laser 63891
Pant, K.K., Tripathi, V.K. Free electron laser operation in the whistler mode 83182
Pant, P. Relation between VLF phase deviations and solar X-ray fluxes during solar flares 64149
Pantaleon, R.O., Mena, M.G. Crystallization of vitreous seal in hermetic packages 91025
Pantano, J.V. *see* Brown, E.R. 62659
Pantano, J.V. *see* Turner, G.W. 56771
Pantazis, J., Huber, A., Okun, P., Squillante, M.R., Waer, P., Entine, G. New, high performance nuclear spectroscopy system using Si-PIN diodes and CdTe detectors 88314
Pantazis, J., Huber, A., Okun, P., Squillante, M.R., Waer, P., Entine, G. New, high performance nuclear spectroscopy system using Si-PIN diodes and CdTe detectors 98600
Pantazis, J.A. *see* Jordanov, V.T. 98672
Pantazis, J.A. *see* Oberhardt, M.R. 88633
Pantchev, B., Nikolov, Z. Analysis of mode conversion at discontinuities between K^+-Na^+ and Ag^+-Na^+ ion-exchanged waveguides in glass 50508
Pantel, R., Mascarin, G., Gonchond, J.P., Lafond, D. Observation of submicronic contacts and vias by scanning ion and electron microscopy 82062
Panteleev, Ts. *see* Iordanova, I. 67319
Panteleev, V.N. *see* Ivanov, P.A. 93060
Pantelimon, B. *see* Grigorescu, S.-D. 87118
Pantelimon, B. *see* Iliescu, C. 69407
Panteli, R.H. *see* Davis, M.K. 56909
Pantell, R.H. *see* Huang, Y.C. 53114
Pantell, R.H. *see* Huang, Y.C. 72930
Pantell, R.H. *see* Ozcan, M. 50879
Pantell, R.H. *see* Sadowski, R.W. 56911
Pantell, R.H. *see* Schmerge, J.F. 83187
Panthalingal, N. *see* Wetherhold, R.C. 82195
Pantic, D., Mijalkovic, S., Stojadinovic, N. An efficient multiparticle diffusion simulation by an adaptive multigrid method 49836
Pantiskas, C. *see* LaCava, W. 77058
Pantjiaros, C. *see* Gott, G.F. 94831
Pantoja, F.R. *see* Oliveira, C.L.C. 86582
Panton, W.R., Beyer, J.B. The noise performance of an active, linear antenna array for reception 80699
Pantsyrny, V. *see* Heremans, G. 82444
Pantsyrny, V. *see* Nikulin, A. 82452
Pantsyrny, V.I., Shikov, A.K., Beljakov, N.A., Potapenko, I.I., Parno, A.V., Nikulin, A.D. Investigation on structure and properties of superconducting internal tin wire to be used for high field magnetic systems 82487
Pantsyrny, V.I. *see* Nikulin, A.D. 83563
Pantzartzis, D., de Moustier, C., Alexandrou, D. Application of high-resolution beamforming to multibeam swath bathymetry 99257
Panusopone, K., Sarika, K., Cheevasuvit, F. Variable block size image coding using region growing 74526
Panwar, O.S. *see* Dixit, P.N. 50657
Panwar, R. *see* Agha, G. 85341
Panwar, S.S. *see* Ersoy, C. 86458
Panwar, S.S. *see* Gogate, N. 65014
Panwar, S.S. *see* Tassiulas, L. 96173
Panyakeow, S. *see* Lee, J. 100026
Panyam, A., Danda, S., Madhwapathy, S., Sherwani, N. An optimal algorithm for maximum two planar subset problem [VLSI layout] 50059
Panyam, A. *see* Madhwapathy, S. 91789
Panych, L.P. *see* Zientara, G.P. 98863
Panyutin, E.A. *see* Zhilyaev, Yu.V. 81942
Panzer, J. *see* Kreutz, J.J.M. 66089
Panzer, K. *see* Neuhaus, T. 50801

Panzieri, F., Roccetti, M. A scalable architecture for reliable distributed multimedia applications 65074
Pao, C.K. *see* Wu, C.S. 92551
Pao, L.Y. Centralized multisensor fusion algorithms for tracking applications 74216
Pao, L.Y. *see* O'Neil, S.D. 57510
Pao, Y.-H. *see* Govila, R.K. 69561
Pao, Y.C., Yuen, C., Madden, C., Marsland, R. Long wavelength $In_{0.53}Ga_{0.47}As$ photodetectors on GaAs with a thin super lattice buffer 94302
Pao, Y.C. *see* Sheridan, J.A. 63581
Pao Li *see* Li Pao
Pao Yi-Hsin *see* Yi-Hsin Pao
Pao Yoh-Han *see* Yoh-Han Pao
Pao-Hau Yu *see* Wen-Chen Chu 89213
Pao-Ta Yu, Wei-Hsiang Liao Weighted order statistics filters—their classification, some properties, and conversion algorithm 95382
Pao-Ta Yu *see* Ruikang Yang 73999
Pao-Yi Lin *see* Ma, C.L. 93445
Paola, M.De *see* De Paola, M.
Paola, R.Di *see* Di Paola, R.
Paolella, A., Madjar, A., Herczfeld, P.R. Modeling the GaAs MESFET's response to modulated light at radio and microwave frequencies 70906
Paolella, A. *see* Nabet, B. 66342
Paoletti, A. *see* Messina, G. 81689
Paoletti, D., Spagnolo, G.S. Fourier-based digital laser photography: a monitoring system for stone damage 76199
Paoletti, D. *see* Schirripa Spagnolo, G. 57022
Paoletti, F. *see* Von Goeler, S. 59246
Paoletti, G.J. Vacuum retrofit modernization of air and oil circuit breakers: the process, benefits and risks of applicable standards 68348
Paoletti, R. *see* Benedetto, S. 82684
Paoletti, R. *see* Delpiano, F. 83044
Paoli, M.-A.De *see* De Paoli, M.-A.
Paoli, S.De *see* De Paoli, S.
Paoli, T.L. *see* Bour, D.P. 63787
Paoloni, C. *see* Bartolucci, G. 70857
Paoloni, C. *see* D'Agostino, S. 49648
Paoloni, C. *see* D'Agostino, S. 80773
Paoloni, C. *see* Giannini, F. 80873
Paolucci, A. *see* Turri, R. 53796
Paoluzi, A. *see* Moze, O. 72033
Paone, N. *see* Nava, P. 76279
Pap, L. *see* Mohamed, F.A. 65561
Pap, L. *see* Mohamed, K.A. 86062
Papa, C.del *see* del Papa, C.
Papa, F. *see* Wymer, S.A. 64058
Papa, F.F. *see* Arbab Tafti, H. 50836
Papa, F.F. *see* Ebenezer, D. 67586
Papachristoforos, A. Method of lines for analysis of planar conductors with finite thickness 57167
Papachristou, C. *see* Carletta, J. 49374
Papadas, C., Moison, B., Ghibaudo, G., Mortini, P., Panankakis, G. A new method for the experimental determination of the control gate and drain coupling ratios in FLOTOX EEPROM cells 55264
Papademetriou, R.C. Moment-based image reconstruction in the presence of noise 74279
Papadias, B.C., Hatziargyriou, N.D., Bakopoulos, J.A., Prousalidis, J.M. Three phase transformer modelling for fast electromagnetic transient studies 68683
Papadias, B.C. *see* Vournas, C.D. 59756
Papadichev, V. *see* Prohaska, R. 88213
Papadichev, V.A. *see* Bogachenkov, V.A. 50717
Papadichev, V.A. *see* Mozgovoy, A.G. 53206
Papadichev, V.A. *see* Mozgovoy, A.G. 53210
Papadimitriou, C.H., Rangan, V., Sideri, M. Designing secure communication protocols from trust specifications 51834
Papadimitriou, D.V., Dennis, T.J. Stereo disparity analysis using phase correlation 84839
Papadimitriou, G.I., Maritsas, D.G. Learning automata—based random access protocols for WDM passive star networks 97275
Papadopoulos, A.I., Chrissoulidis, D.P. EM wave scattering by a dihedral strip grating 57093
Papadopoulos, C., Maniatopoulos, A., Antonakopoulos, T., Makios, V. A real-time test-bed for prototyping cell-based communication networks 75062
Papadopoulos, C.A., Clarkson, T.G. The use of 2nd order geometric transformations for motion compensation in interframe image data compression 95759
Papadopoulos, C.V. Provably optimal algorithms for signal routing 91781
Papadopoulos, D.P. Enhancing dynamic stability characteristics of an alternator-system with basic control techniques 78598
Papadopoulos, D.P. *see* Bandekas, D.V. 78533
Papadopoulos, G., Pacheco, G., Howe, D., Winsor, P. Advances in all-film capacitors for AC applications 90342
Papadopoulos, G. *see* Orphanos, G. 65063
Papadopoulos, H.C., Wornell, G.W. Optimal detection of a class of chaotic signals 84226
Papadopoulos, J.G. *see* Kitis, G. 94259
Papadopoulos, M.P. *see* Kladas, A.G. 90068
Papadopoulos, P. *see* Lecot, C. 52937
Papadopoulos, P.M. *see* Ianculescu, G.D. 67736
Papadopoulou, T.D. *see* von Apeldoorn, G. 88116
Papadopulos, M.S. What choices are there available in the detailed design of MV cables? 59955
Papaefstathiou, E. *see* Pombortsis, A. 96413
Papaefthymiou, M. *see* Alidina, M. 92145
Papaefthymiou, V. *see* Singleton, E.W. 50202
Papaefthymiou, V. *see* Tang, Z.X. 50203
Papageorge, J.P. *see* Sandwith, C.J. 86605
Papageorgiou, N.S. Convexity of the orientor field and the solution set of a class of evolution inclusions 91247
Papailiou, K.D. *see* Chaviaropoulos, P. 60143
Papailiou, K.D. *see* Leoutsakos, G. 60144
Papaioannou, G.J., Papastamatiou, M., Arpatzanis, N., Dimitrakis, P., Papastergiou, C. Neutron radiation effects in HEMTs 71725
Papaioannou, T., Ferentinos, K., Menendez, M.L., Salicru, M. Discretization of (h,ϕ)-divergences [information theory] 64253
Papakonstantinou, G., Tsanakas, P., Manis, G. Parallel approaches to piecewise linear approximation 67561
Papakostas, G. *see* Kouroupetroglou, G. 98981
Papakyriakou, T.N. *see* Barber, D.G. 77515
Papalexopoulos, A., Shangyou Hao, Liu, E., Alaywan, Z., Kato, K. Cost/benefits analysis of an optimal power flow: the PG&E experience 53620
Papalexopoulos, A., Shangyou Hao, Liu, E., Alaywan, Z., Kato, K. Cost/benefits analysis of an optimal power flow: the PG&E experience 77951
Papamarcou, A. *see* Shalaby, M.H. 74163
Papamichael, N., Soares, M.J., Stylianopoulos, N.S. A numerical method for the computation of Faber polynomials for starlike domains 48835
Papamichail, M. *see* Karvelas, D. 65278
Papamichail, M. *see* Karvelas, D. 65279
Papananos, Y. *see* Tsividis, Y. 49530
Papandreou, A. *see* Hlawatsch, F. 84260
Papandreou, A. *see* Hlawatsch, F. 95611
Papanicolaou, N.A. *see* Micheel, L.J. 55244
Papanicolas, C.N. *see* Dolfini, S.M. 76854
Papanicolas, C.N. *see* Mandeville, J.B. 76855
Papantoni-Kazakos, P. *see* Burrell, A. 85709
Papantoni-Kazakos, P. *see* Burrell, A. 85880
Papantoni-Kazakos, P. *see* Pados, D.A. 74174
Papanyan, V.O., Grigoryan, Yu.I. Scenario of a transition of oscillatory striations to chaos in a steady-state discharge in rare gases and their mixtures used in lasers 56618
Papaodysseus, C., Koukoutsis, E., Vassilatos, C. Error propagation and methods of error correction in LS FIR filtering and l-step ahead linear prediction 64429
Paparao, P., Boothroyd, S.A., Robertson, W.M., Chrostowski, J. Generation of reconfigurable interconnections with a two-dimensional acousto-optic deflector 50613
Paparazzo, E. *see* Bahr, C.C. 81519
Papash, A. *see* Laxdal, R.E. 66951
Papash, A.I. *see* Dolinsky, A.V. 87852
Papastamatiou, M. *see* Papaioannou, G.J. 71725
Papastergiou, C. *see* Papaioannou, G.J. 71725
Papathomas, K.I. *see* Wang, D.W. 91050
Papathomas, M. *see* Gibbs, S. 97700
Papatsoris, A.D. Implication of super-large drops in millimetre-wave radar observations of water clouds 99180
Papatsoris, A.D., Watson, P.A. A rigorous explanation for the resonances observed in the scattering from spherical ice particles 94799
Papavassiliou, S., Tassiulas, L., Tandon, P. Meeting QOS requirements in a cellular network with reuse partitioning 65641
Papavassiliou, S., Tassiulas, L., Tandon, P. Meeting QOS requirements in a cellular network with reuse partitioning 97058
Papazoglou, T.M. Maximum efficiency of interconnected transmission lines 78109
Papazoglou, T.M. Application of a method of maximum transmission efficiency to power system utilization 99643
Papazoglou, T.M. On the maximum efficiency of transmission lines. II 99695
Papchenko, A.A. *see* Bogdanov, Yu.V. 72940
Pape, D.R., Shah, M.L. Phased array slow shear TeO_2 Bragg cells: design and performance 94217
Pape, R. *see* Glimm, J. 86944
Papen, G.C. *see* Barnhart, D.H. 94706
Papenberg, U. *see* Griep, S. 82035
Papi, A. *see* Beier, T. 53305
Papiernik, A. *see* Reynaud, M. 86590
Papiernik, A. *see* Robert, B. 51206
Papiernik, A. *see* Robert, B. 73514
Papiernik, A. *see* Staraj, R. 73539
Papini, B. *see* Francese, A. 97158
Pappas, D.A. *see* Wenzel, K.W. 88058
Pappas, D.A. *see* Wenzel, K.W. 98690
Pappas, G.C., Askew, D.R. Preliminary testing of the LEB to MEB transfer kicker modulator prototype 67186
Pappas, T.N. Printer models and colo halftoning 83412
Pappas, T.N., Chen-Koung Dong, Neuhoff, D.L. Measurement of printer parameters for model-based halftoning 51716
Pappas, T.N. *see* Neuhoff, D.I. 74326
Pappert, S.A., Xia, W., Jiang, X.S., Guan, Z.F., Zhu, B., Liu, Q.Z., Yu, L.S., Clawson, A.R., Yu, P.K.L., Lau, S.S. Planar 1.3 and 1.55 μm InGaAs(P)/InP electroabsorption waveguide modulators using oxygen ion mixing and the photoelastic effect 56422
Pappu, R.S. *see* Gandhi, P.P. 95176
Papuchon, M. *see* Boucher, Y. 83038
Papuchon, M. *see* Delacourt, D. 63980
Papureanu, S., Hamm, Ch., Schnase, A., Meuth, H. Performance tests of a ferrite-loaded cavity under operation conditions 67223
Papureanu, S. *see* Grieser, M. 76310
Papusoi, C. *see* Stancu, A. 82270
Paquay, M.H.A. Antenna patterns measurement with the help of the near field method 95003
Paquin, N. *see* Ghosh, A.K. 65825
Par, S.L.J.D.E.V.D.van der *see* van der Par, S.L.J.D.E.V.D.
Para, A. *see* Demortier, L. 59090
Parab, K.B. *see* Liou, J.J. 62693
Parab, K.B. *see* Liou, J.J. 81828
Paraboni, A., Riva, C. A new method for the prediction of fade duration statistics in satellite links above 10 GHz 86273
Paradellis, T. *see* Bogaert, G. 59020
Paradies, R. *see* Elspass, W.J. 82207
Paradis, V. *see* Lynch, T. 81632
Paradossi, G. *see* Bolle, G. 87239
Paradowski, L. Unconventional algorithm for emitter position location in three-dimensional space using data from two-dimensional direction finding 84546
Paraf, E., Bouvier, A., Vacher, J. Monte-Carlo simulation of a new 3D TOF-PET camera: a sensitivity study 98850
Parafin, A.E. *see* Belov, R.K. 82515
Paraire, N. *see* Bertrand, F. 82630
Parameswaran, M. *see* Gadgil, P.N. 98755
Parameswaran, M. *see* Gaitan, M. 66616
Parameswaran, M. *see* Xie, D. 91889
Parameswaran, S., Schulz, M.F. Computer-aided selection of components for technology-independent specifications 91776
Parameswaran, S. *see* Kia, S.M. 49380
Parameswaran, S. *see* Kia, S.M. 92004
Paramonov, A.A. *see* Smaev, V.P. 73181
Paramonov, B.M. *see* Kurayev, A.A. 49750
Paramonov, B.M. *see* Romashin, N.L. 83767
Paramonova, I.L. *see* Blagoveshchenskii, A.Ya. 53902
Paramonova, N. *see* Ablameyko, S. 84847
Paranin, S.N. *see* Ivanov, V.V. 72278
Paranjape, M. *see* Ristic, L. 52830
Paranjape, R.B., Rabie, T.F., Rangayyan, R.M. Image restoration by adaptive-neighborhood noise subtraction 57661
Paranjpe, A. *see* Moslehi, M. 93626
Paranjpe, A. *see* Moslehi, M.M. 62356
Paranjpe, A. *see* Moslehi, M.M. 71800
Paranjpe, A. *see* Moslehi, M.M. 90920
Parapak, J.L. The missing link and Vision 2000 [telecommunication services] 96355
Parascandolo, L. *see* Buontempo, S. 53297
Paraschiv, R. *see* Rosui, N. 83390
Parasiliti, F. *see* Chiricozzi, E. 68588
Paraskevas, M., Tsoukalas, D., Mourjopoulos, J. A Prony method for high-quality audio coding 75779
Paraskevas, M. *see* Tsoukalas, D. 84047
Paraskiewicz, J.A. *see* Haideri, A.Q. 60648
Parasuram, Y., Stabler, E., Shiu-Kai Chin Parallel implementation of BDD algorithms using a distributed shared memory 49072
Parasuraman, R. *see* Mouloua, M. 99050
Paraszczak, J., Edelstein, D., Cohen, S., Babich, E., Hummel, J. High performance dielectrics and processes for ULSI interconnection technologies 93255
Paratte, L., de Rooij, N.F. Electrodeposited electrostatic rigid-rotor wobble motors on silicon 68663
Parayanthal, P. *see* Varma, R.R. 94541
Parbrook, P.J. *see* Saito, S. 54915
Parbrook, S. *see* Rennie, J. 63601
Parce, J.W. *see* Bousse, L. 98738
Parce, W. *see* Bousse, L. 67452
Parchekani, F. *see* Javidi, B. 84900
Parchekani, F. *see* Refregier, P. 57676
Parchevskii, V.M. An econecological assessment of technologies for reducing nitrogen oxide emissions 53928
Pardalos, P.M., Murthy, K.A., Harrison, T.P. A computational comparison of local search heuristics for solving quadratic assignment problems 61128
Pardas, M., Salembier, P. 3D morphological segmentation and motion estimation for image sequences 74335
Pardas, M. *see* Salembier, P. 84773
Pardavi-Horvath, M., Della Torre, E., Vajda, F. A variable variance Preisach model [garnet film] 50253
Pardey, J., Amroun, A., Bolton, M., Adamski, M. Parallel controller synthesis for programmable logic devices 92065
Pardini, F. Standards for MV and LV combination switch- and control gear 68899
Pardipuram, R. *see* Narayanan, R.M. 59534
Pardo, A. *see* Bahar, R.I. 49284
Pardo, A. *see* Hachtel, G.D. 91980
Pardo, A. *see* Hachtel, G.D. 92144
Pardo, A. *see* Samitier, J. 58885

Pardo, D. *see* Gonzalez, T. 62675
Pardo, D. *see* Martin, M.J. 71081
Pardo, D. *see* Varani, L. 62155
Pardo, F. *see* Mosko, M. 62284
Pardo, J.M., Aguilera, S., Savoji, M.H. Talking computers. Spanish work in speech processing 73775
Pardo, L., Ricote, J., Alemany, C., Jimenez, B., Millar, C.E. Field dependence of the electromechanical properties of fine grained hydrothermally processed lead titanate ceramics 56143
Pardo, L. *see* Millar, C.E. 50134
Pardo, R.C., Bollinger, L.M., Nolen, J.A., Sheppard, K.W., Billquist, P., Bogaty, J.M., Clifft, B.E., Harkewicz, R., Munson, F.H., Specht, J.E., Zinkann, G.P. Operational status of the uranium beam upgrade of the ATLAS accelerator 76297
Pardo, R.C. *see* Harkewicz, R. 53163
Pardoe, B.H. *see* Milburn, P.S. 95813
Pardoe, R.J.L. *see* Woods, P. 53575
Pardubska, D. *see* Hromkovic, J. 57928
Pardue, A., Jr. *see* Daugherty, J. 99396
Pare, C., Belanger, P.A. Custom laser resonators using graded-phase mirrors: circular geometry 63906
Pare, C. *see* Belanger, P.-A. 72946
Pareek, A. *see* Short, S.W. 54855
Pareek, P.N. *see* Brezovich, I.A. 77043
Parekh, A. *see* Georgiadis, L. 64929
Parekh, A.K., Gallager, R.G. A generalized processor sharing approach to flow control in integrated services networks: the multiple node case 74820
Parekh, B. *see* Anantharaman, V. 87589
Parekh, M., Desai, M., Hua Li, Rhinehart, R.R. In-line control of nonlinear pH neutralization based on fuzzy logic 62464
Parent, A. *see* Mathieu, P. 56692
Parente, M. *see* Chrysanthou, C. 75477
Pareti, L. *see* Moze, O. 72033
Pareti, L. *see* Sievert, J. 53021
Parfait, B. *see* Paul, E. 96849
Parfenov, A.N. 64-bit input register with buffer in the fastbus standard 52769
Parfenov, A.N. *see* Afanasiev, S.V. 52771
Parfenov, Yu.V. *see* Belolaptikov, I.A. 59156
Parfenovich, O.N., Koval, A.S., Skaryno, B.B. Asynchronous electric drive with thyristor voltage converter and special quasi-frequency control conditions 60493
Parfenyuk, O.A. *see* Ilashchuk, M.I. 92942
Parfinskii, V.A. *see* Surin, V.G. 52842
Pargellis, A.N. *see* Greywall, D.S. 55159
Parhi, K.K. Calculation of minimum number of registers in arbitrary life time chart 70574
Parhi, K.K. *see* Adams, G.B., III 80443
Parhi, K.K. *see* Denk, T. 74512
Parhi, K.K. *see* Denk, T.C. 80496
Parhi, K.K. *see* Ito, K. 92412
Parhi, K.K. *see* Jin-Gyun Chung 55339
Parhi, K.K. *see* Jin-Gyun Chung 95568
Parhi, K.K. *see* Lucke, L.E. 61805
Parhi, K.K. *see* Lucke, L.E. 70745
Parhi, K.K. *see* Shanbhag, N.R. 57398
Parhi, K.K. *see* Shanbhag, N.R. 83949
Parhi, K.K. *see* Shanbhag, N.R. 92399
Parhi, K.K. *see* Shrimali, G. 75118
Parhometz, Yu.P. *see* Piletsky, S.A. 66258
Paridaens, J. *see* Segers, D. 87939
Parihar, P. *see* Karady, G.G. 68218
Parihar, P. *see* Karady, G.G. 78004
Parihar, S. *see* Kurdak, C. 62890
Parihar, S.R. *see* Xiao, X. 66483
Parikh, A. *see* Abadir, M. 79285
Parikh, A. *see* Sandborn, P.A. 79368
Parikh, A.R. *see* Abadir, M.S. 55485
Parikh, N. *see* Bhatnagar, M. 62679
Parikh, N.R. *see* Baumann, P.K. 81337
Parikh, N.R. *see* Dhere, N.G. 100656
Parikh, S. *see* Brown, B.L. 87663
Parillaud, O., Piffault, N., Gil-Lafon, E., Cadoret, R., Gerard, B., Pribat, D. Defect-free InP films on Si substrates obtained by hydride vapor phase conformal growth 54923
Parini, C.G. *see* Philippakis, M. 51222
Parinov, I. *see* Karpinsky, D. 61416
Parinova, L. *see* Karpinsky, D. 61416
Paris, B.-P. Self-adaptive maximum-likelihood sequence estimation 74136
Paris, G. *see* Ciccarella, G. 85866
Paris, J.-F. A highly available replication control protocol using volatile witnesses 65400
Paris, J.-F. An available copy protocol tolerating network partitions 74742
Paris, L. *see* Caldern, J.C. 96787
Paris, M. Note: the diameter of edge domination critical graphs 61107
Paris, S. Structural recognition using an index 84878
Parise, G. Short-circuit analysis in industrial and commercial power systems: the "characteristic" currents approach 53612
Parise, G. Near-to-generator short-circuit analysis in industrial and commercial power systems: the "characteristic" currents method 68002
Parise, G. *see* Grasselli, U. 68014
Parish, D.J. *see* Anerella, M. 76663
Parish, D.J. *see* Chia, L.T. 52241
Parish, D.J. *see* Nche, C.F. 86703
Parisi, G. *see* Andreev, V.A. 76416
Parisi, G. *see* Andreev, V.A. 76523
Parisi, R. *see* Bucciarelli, T. 57519
Parisini, A. *see* Cavallini, A. 81199
Parisini, T. *see* Canepa, G. 74259
Parizzi, F. *see* Gatelli, F. 77721
Parizzi, F. *see* Monti-Guarnieri, A. 77247
Park, B., Simons, P. SDH for the real world 85543
Park, B.G., King, C.A., Eaglesham, D.J., Sorsch, T.W., Weir, B., Luftman, H.S., Bokor, J., Kim, Y.O. Ultrashallow p^+-n junctions formed by diffusion from an RTCVD-deposited B:Ge layer 62227
Park, B.G. *see* Carnahan, R.E. 62263
Park, C., Chong Kwan Un On the design of large ATM switch using star couplers and tunable devices with restrained tuning range 65766
Park, C.G. *see* Kim, K.H. 71459
Park, C.H. *see* Hong, J.P. 72240
Park, C.H. *see* Usami, K. 93962
Park, C.O. *see* Polonsky, L. 50737
Park, C.S. *see* Park, J.H. 71407
Park, D. *see* Dobisz, E.A. 81599
Park, D. *see* Shirey, L.M. 81598
Park, D.J., Nam, K.M., Rae-Hong Park Edge detection in noisy images based on the co-occurrence matrix 57870
Park, D.S. *see* Blumofe, R.D. 85713
Park, G.P. *see* Chun, H.S. 60434
Park, G.S., Armstrong, C.M., Kyser, R.H., Hirshfield, J.L. A linearly polarized input coupler for slotted waveguide interaction structures 62102
Park, G.S., Choi, J.J., Park, S.Y., Armstrong, C.M., Ganguly, A.K., Kyser, R.H. Broadband operation of a two-stage tapered gyro-TWT amplifier 92900
Park, G.S., Malouf, P.M., Granatstein, V.L., Armstrong, C.M., Ganguly, A.K. Realization of improved efficiency in a gyroklystron amplifier 98482
Park, G.S. *see* Armstrong, C.M. 75607
Park, G.S. *see* Choi, J.J. 62121
Park, G.S. *see* Nam, S.W. 93948
Park, H., Prasanna, V.K. Area efficient VLSI architectures for Huffman coding 70614
Park, H. *see* Ding-Zhu Du 91262
Park, H. *see* Peatman, W.C.B. 62892
Park, H. *see* Peatman, W.C.B. 71711
Park, H.-H. *see* Yoo, B.-S. 63848
Park, H.-M. *see* Lee, J.-L. 56004
Park, H.C. *see* Jung, C.M. 70565
Park, H.L. *see* Hwang, J.-S. 69991
Park, H.L. *see* Kim, C.H. 55666
Park, H.L. *see* Kim, T.W. 55588
Park, H.L. *see* Lee, C.D. 69992
Park, H.R. *see* Wang, H. 65884
Park, H.Y. *see* Her, J. 61373
Park, I.C. *see* Hong, S.K. 49288
Park, J., Metaxas, D., Young, A. Deformable models with parameter functions: application to heart-wall modeling 88357
Park, J., Metaxas, D., Young, A., Axel, L. Model-based analysis of cardiac motion from tagged MRI data 76942
Park, J., Naivar, M., Kapur, R., Mercer, M.R., Williams, T.W. Limitations in predicting defect level based on stuck-at fault coverage 49386
Park, J., Nizzoni, G. A closed-form expression for the fault detection filter 69633
Park, J., Rizzoni, G., Ribbens, W.B. On the representation of sensor faults in fault detection filters 79464
Park, J.-H., Lee, C.W. Asymmetric 8-PSK modulation with embedded BPSK 83930
Park, J.-H., Park, S.J. Effect of V_2O_5 on the electrical properties of TiO_2-V_2O_5 humidity sensors 87147
Park, J.-H. *see* Kim, Y.D. 92954
Park, J.-W., Drew, D.A., Lahey, R.T., Jr. The measurement of void waves in bubbly two-phase flows 89514
Park, J.C. *see* Kwon, H.C. 76890
Park, J.C. *see* Venables, D. 93143
Park, J.D., Jang, T.S., Jeung, W.Y., Kwak, C.S. The effect of stress on the magnetic alignment of hot-pressed Fe-Nd-B magnets derived by computer simulation 50215
Park, J.H., Chung, J.H., Park, C.S., Lee, S.I., Lee, M.Y., Lee, J.G. Prediction of electromigration lifetimes by unit-failure model (UFM) in Al stripes 71407
Park, J.H. *see* Ko, Y.M. 70859
Park, J.H. *see* Won, Y.K. 84492
Park, J.L. Intelligent networks—provision of personal mobility—networks to support these services 96854
Park, J.N. *see* Mueller, O.M. 60353
Park, J.N. *see* Mueller, O.M. 68796
Park, J.S., Lin, T.L., Jones, E.W., Del Castillo, H.M., Gunapala, S.D. Long-wavelength stacked SiGe/Si heterojunction internal photoemission infrared detectors using multiple SiGe/Si layers 58746
Park, J.S. *see* Gamani Karunasiri, R.P. 58756
Park, J.S. *see* Gunapala, S.D. 55914
Park, J.S. *see* Gunapala, S.D. 66366
Park, J.S. *see* Nayak, D.K. 62740
Park, J.S. *see* Nayak, D.K. 62842
Park, J.S. *see* Veerasamy, V.S. 50679
Park, J.T., Choi, Y.W., Jung, J.W., Sunwoo, J.S. The integration of OSI network management and TCP/IP Internet management using SNMP 74688
Park, J.W. *see* Restle, P.J. 61735
Park, K. *see* Heddaya, A. 52022
Park, K. *see* Kwon, S. 96857
Park, K.-S. *see* Omote, K. 77745
Park, K.G. *see* Kish, F.A. 56567
Park, K.H. *see* Koo, Y.M. 76665
Park, K.S. *see* Kim, K. 69648
Park, M.-H. *see* Kim, S.-H. 69052
Park, M.S., Minasian, R.A. Ultra-low-noise and wideband-tuned optical receiver synthesis and design 52557
Park, N. *see* Zhou, J. 56918
Park, P.G. *see* Byung Chill Woo 97769
Park, P.G. *see* Cheol Gi Kim 98302
Park, P.W. *see* Chu, H.Y. 71585
Park, R.-H. *see* Won, Y.K. 84492
Park, R.M. *see* Calhoun, L.C. 69997
Park, R.M. *see* Kim, J.G. 71101
Park, R.M. *see* Neumark, G.F. 63825
Park, S., Pellegrini, C. Extended version of an S-band RF gun 67270
Park, S. *see* Bylsma, B. 59179
Park, S. *see* Davis, P. 76744
Park, S. *see* Funderburk, D.M. 74121
Park, S. *see* Funderburk, D.M. 75106
Park, S. *see* Funderburk, D.M. 75133
Park, S. *see* Hairapetian, G. 76749
Park, S. *see* Hartman, S.C. 66998
Park, S. *see* Hogg, R. 75244
Park, S. *see* Lee, S.W. 63610
Park, S. *see* Pellegrini, C. 76425
Park, S.-C. *see* Lee, J.-L. 56004
Park, S.-H. *see* Pham, D. 92287
Park, S.B. *see* Chang, S.H. 98788
Park, S.B. *see* Lee, S.O. 62982
Park, S.B. *see* Oh, Y.T. 81476
Park, S.J. *see* Park, J.-H. 87147
Park, S.K., Hazra, R. Aliasing as noise: a quantitative and qualitative assessment 64617
Park, S.M. *see* Ahn, J.H. 70559
Park, S.O. *see* Gwi-Nam Bae 81405
Park, S.O. *see* Kwon, K.W. 93537
Park, S.S., Lee, Y.H., Hwang, S.H., Kyung, C.-M. Cofactor packing algorithm for lookup-table based field programmable gate arrays 70437
Park, S.S. *see* Cho, M.H. 67044
Park, S.S. *see* Nam, S.H. 68754
Park, S.Y. *see* Choi, J.J. 62121
Park, S.Y. *see* Park, G.S. 92900
Park, T., Ahn, S.T., Kim, Y.G., Lee, J.K., Lee, M.Y., Lee, J.G. Double trench isolation (DTI): a novel isolation technology for deep-submicron silicon devices 71697
Park, T., Kim, J.L. A checkpointing recovery approach in a distributed system on the CSMA/CD network 96769
Park, T.J., Eom, H.J. TE-scattering and reception by a parallel-plate waveguide array 73553
Park, W.J., Seoh, M. More goodness-of-fit tests for the power-law process 69645
Park, Y., Choi, U.J. The error analysis for degree reduction of Bezier curves 61135
Park, Y.-K., Cherkassky, V. Neural network controller for rearrangeable switching networks 64971
Park, Y.C., Kim, W.K., Youn, D.H. Adaptive implementation of optimum MTI processor 86575
Park, Y.D. *see* Choi, H.J. 63221
Park, Y.J. *see* Chang, K.H. 97645
Park, Y.J. *see* Lee, J.B. 71557
Park, Y.J. *see* Woo, S.H. 71379
Park, Y.K., Un, C.K. Improving the recognition performance by using a parallel-branch subunit model based on misrecognised data 84136
Park, Y.K. *see* Chen, C.D. 75394
Park, Y.K. *see* Delavaux, J.M.P. 56730
Park, Y.S. *see* Hwang, C.H. 50229
Park, Y.W. *see* Yoon, J.Y. 70485
Park Byoung Seob, Kim Sung Chun, Ju Sung Sun, Jun Kyung Pyo Design and implementation of performance analysis tool for packet software 65234
Park Byung-Sun *see* Byung-Sun Park
Park Chan Gyung *see* Chan Gyung Park
Park Chan Jong *see* Chan Jong Park
Park Chang *see* Chang Park
Park Chang-Yong *see* Chang-Yong Park
Park Cheon-Seok *see* Cheon-Seok Park
Park Chi Kyun *see* Chi Kyun Park
Park Chi Sun *see* Chi Sun Park
Park Chi-Kyun *see* Chi-Kyun Park
Park Chin Taek *see* Chin Taek Park
Park Chong Yeun *see* Chong Yeun Park
Park Chong-Ah *see* Chong-Ah Park
Park Chun-Geun *see* Chun-Geun Park
Park Churoo *see* Churoo Park
Park Dae Yoon *see* Dae Yoon Park
Park Daechul *see* Daechul Park
Park Dong Chul *see* Dong Chul Park
Park Dong-Chul *see* Dong-Chul Park
Park Dong-Kook *see* Dong-Kook Park
Park Dooyeong *see* Dooyeong Park
Park Gwan-Soo *see* Gwan-Soo Park
Park Hae-Am *see* Hae-Am Park

Park Hae-Sung *see* Hae-Sung Park
Park Hee Chan *see* Hee Chan Park
Park Heemyong *see* Heemyong Park
Park Heonchul *see* Heonchul Park
Park Heung Lak *see* Heung Lak Park
Park Hisup *see* Hisup Park
Park Hochong *see* Hochong Park
Park Hong-Seong *see* Hong-Seong Park
Park Hong-Shik *see* Hong-Shik Park
Park Hwa Sik *see* Hwa Sik Park
Park Hyo-Derk *see* Hyo-Derk Park
Park Hyo-Hoon *see* Hyo-Hoon Park
Park Hyung Ho *see* Hyung Ho Park
Park Hyung-Ho *see* Hyung-Ho Park
Park Hyung-Moo *see* Hyung-Moo Park
Park Il-han *see* Il-han Park
Park In Shig *see* In Shig Park
Park Jae Hyuk *see* Jae Hyuk Park
Park Jae Hyun *see* Jae Hyun Park
Park Jae jin *see* Jae jin Park
Park Jaehong, Rizzoni, G. A new interpretation of the fault detection filter: the optimal detection filter 54619
Park Jaehong *see* Jaehong Park
Park Jahng-Hyon *see* Jahng-Hyon Park
Park Jangteon *see* Jangteon Park
Park Jeong Bae *see* Jeong Bae Park
Park Jin Bae *see* Jin Bae Park
Park Jin Seong *see* Jin Seong Park
Park Jin Soo *see* Jin Soo Park
Park Jin Won *see* Jin Won Park
Park Jin Woo *see* Jin Woo Park
Park Jin-Suk *see* Jin-Suk Park
Park Jinwoo *see* Jinwoo Park
Park Jong Chul *see* Jong Chul Park
Park Jong Kun *see* Lim Young Cheol 97923
Park Jong Ryul *see* Jong Ryul Park
Park Jong Tae *see* Jong Tae Park
Park Jong Wan *see* Jong Wan Park
Park Jong-Chul *see* Jong-Chul Park
Park Jong-Il *see* Jong-Il Park
Park Jong-Keun *see* Jong-Keun Park
Park Jong-Min *see* Jong-Min Park
Park Jong-Tae, Choi Yong-Wook, Jung Jae-Woong, Yang Ku-Dal, Choi Sang-Ho An integrated architecture for OSI network management and Internet management 96700
Park Jong-Woo *see* Jong-Woo Park
Park Jongdae *see* Jongdae Park
Park Joo-hyun *see* Joo-hyun Park
Park Joong Mok *see* Joong Mok Park
Park Jung Ok *see* Jung Ok Park
Park Jung Woo *see* Jung Woo Park
Park Jung-Ho *see* Jung-Ho Park
Park Keunseop *see* Keunseop Park
Park Ki-Yeop *see* Ki-Yeop Park
Park Kiheon *see* Kiheon Park
Park Kwang-Hyun *see* Kwang-Hyun Park
Park Kwang-Soon *see* Kwang-Soon Park
Park Kyu Chang *see* Kyu Chang Park
Park Kyu Ho *see* Seong Dong Su 91264
Park Kyu Ho *see* Kyu Ho Park
Park Kyu Tae *see* Kyu Tae Park
Park Kyung Ho *see* Kyung Ho Park
Park Kyung-Ho *see* Kyung-Ho Park
Park Min *see* Min Park
Park Min-Ho *see* Min-Ho Park
Park Min-Soo *see* Min-Soo Park
Park Myong-Soon *see* Myong-Soon Park
Park Myoung Soo *see* Myoung Soo Park
Park Nam Su *see* Nam Su Park
Park Nam-Gyu *see* Nam-Gyu Park
Park Namkyoo *see* Namkyoo Park
Park Rae Hong *see* Rae Hong Park
Park Rae-Hong *see* Rae-Hong Park
Park Rea-Hong *see* Rea-Hong Park
Park Sang Bae *see* Sang Bae Park
Park Sang Eon *see* Sang Eon Park
Park Sang Kyu *see* Sang Kyu Park
Park Sang Tack *see* Sang Tack Park
Park Sang Taick *see* Sang Taick Park
Park Sang-Hui *see* Sang-Hui Park
Park Se Il *see* Se Il Park
Park Se Il *see* Se Il Park
Park Se-Jin *see* Se-Jin Park
Park Sekwang *see* Sekwang Park
Park Seong Beom *see* Seong Beom Park
Park Seong Ju *see* Seong Ju Park
Park Seong-Ju *see* Seong-Ju Park
Park Seoung-Hwan *see* Seoung-Hwan Park
Park Seung-Han *see* Seung-Han Park
Park Seung-Seob *see* Seung-Seob Park
Park Seung-Wook *see* Seung-Wook Park
Park Seungchul *see* Seungchul Park
Park SeungKyung *see* SeungKyung Park
Park Si Woo *see* Si Woo Park
Park Sin-Chong *see* Sin-Chong Park
Park Soo Young *see* Soo Young Park
Park Soon Ja *see* Soon Ja Park
Park Soon Yong *see* Soon Yong Park
Park Sung K. *see* Sung K. Park
Park Sung-Cheol *see* Sung-Cheol Park
Park Sungsoo *see* Sungsoo Park
Park Yong Ki *see* Yong Ki Park
Park Yong Suk *see* Yong Suk Park
Park Yong-Gyu *see* Yong-Gyu Park
Park Yong-Jin *see* Yong-Jin Park
Park Yong-Seon *see* Yong-Seon Park
Park Yong-Sun *see* Yong-Sun Park
Park Yongjin *see* Yongjin Park
Park Youn Sik *see* Youn Sik Park
Park Young Jin *see* Young Jin Park
Park Young Ju *see* Young Ju Park
Park Young June *see* Young June Park
Park Young Seak *see* Young Seak Park
Park Young-Han *see* Young-Han Park
Park Young-June *see* Young-June Park
Park Young-Moon *see* Young-Moon Park
Park Young-Tae *see* Young-Tae Park
Park Yun-Ho *see* Yun-Ho Park
Park Yungjun *see* Yungjun Park
Parke, M.E. *see* Kelecy, T.M. 59571
Parke, R.A. *see* Osinski, J.S. 83085
Parke, S., Assaderaghi, F., Jian Chen, King, J., Chenming Hu, Ko, P.K. A versatile, SOI BiCMOS technology with complementary lateral BJT's 63038
Parke, S. *see* Jian Chen 62998
Parke, S. *see* Nesbit, L. 92191
Parke, S.A. *see* Chan, M. 93479
Parke, S.A. *see* Hsing-Jen Wann 70496
Parker, A.C. *see* Chih-Tung Chen 55222
Parker, A.C. *see* Gupta, P. 55274
Parker, A.C. *see* Gupta, P. 92274
Parker, A.E. Implementing high-order continuity and rate dependence in SPICE models 71730
Parker, A.J. Effect of defocus on near-field measurement of fiber mode field diameters 82587
Parker, B. Design status report on the Collider utility straight insertions 87839
Parker, B. *see* Carrigan, R.A., Jr. 59039
Parker, B. *see* Drozhdin, A.I. 87838
Parker, B. *see* Helsby, W.I. 88008
Parker, B. *see* Jones, A.O. 88221
Parker, B. *see* Lewis, R.A. 87997
Parker, B. *see* Soundranayagam, R. 67193
Parker, B.T. *see* Jones, A.O. 88222
Parker, C. *see* Clarke, A.M. 51912
Parker, C.D. *see* Brown, E.R. 62659
Parker, C.D. *see* Brown, E.R. 64227
Parker, C.G., Silvestre, C., Watkins, M., Keuhn, R.T., Hauser, J.R. Design, optimization, and characterization of a low temperature RPECVD MOS gate stack process 61349
Parker, D.A. Flex-circuit interconnection development 81083
Parker, D.A. *see* Dean, C. 50228
Parker, D.A. *see* Walmsley, N.S. 50263
Parker, D.E., Schuessler, P.W. Commercial electronics in DoD applications: the minimum requirements 88904
Parker, D.J. Standards: Red Book, Yellow Book, Green Book, White Book—Plaid Book? Or, the ROMifications of MPEG 74577
Parker, D.J. *see* McNeil, P.A. 88406
Parker, D.R. *see* Riley, G.N., Jr. 63271
Parker, D.S. *see* Arnoldussen, T.C. 50297
Parker, D.S. *see* Doerner, M.F. 50289
Parker, E.A. *see* Cahill, R. 94977
Parker, E.A. *see* Callaghan, P. 73548
Parker, E.A. *see* Chang, T.K. 73524
Parker, E.H.C. *see* Basaran, E. 62258
Parker, F.T. *see* Berkowitz, A.E. 72193
Parker, G.J. *see* Bonar, J.M. 79832
Parker, I.D., Pei, Q., Marrocco, M. Efficient blue electroluminescence from a fluorinated polyquinoline 82829
Parker, J. Experiments in color: a fusion of holography and neon 56960
Parker, J. *see* Ayliffe, P. 72646
Parker, J.E., Boyd, B.L. An introduction to EPA's design for the environment program 54473
Parker, J.M., Moghaddam, H. Some recent developments in glasses for nonlinear optics 73012
Parker, K. *see* Banerjee, A. 100523
Parker, K. *see* Sueoka, K. 71059
Parker, L.W. On more efficient modeling of fighter radar clutter 53577
Parker, M., Robinson, P., Wade, R., Alley, D. The European ATM Pilot 65240
Parker, M. *see* Lofts, C.M. 76031
Parker, M.A., Hylton, T.L., Coffey, K.R., Howard, J.K. Microstructural origin of giant magnetoresistance in a new sensor structure based on NiFe/Ag discontinuous multilayer thin films 71934
Parker, M.A. *see* Bates, S.J. 53308
Parker, M.A. *see* Borer, K. 53347
Parker, M.A. *see* Borer, K. 98687
Parker, M.A. *see* Hylton, T.L. 63198
Parker, M.E. *see* Oldham, N.M. 86897
Parker, M.G., Benaissa, M. Using redundant number representations for efficient VLSI implementation of modular arithmetic 49345
Parker, M.G., Benaissa, M. Bit-serial, VLSI architecture for the implementation of maximum-length number-theoretic transforms using mixed basis representation 70595
Parker, M.J. *see* Janes, R. 56239
Parker, M.R., Hossain, S., Seale, D., Barnard, J.A., Tan, M., Fujiwara, H. Low-field giant magnetoresistance in Co/Cu, CoFe/Cu and CoNiFe/Cu multilayer systems 72194
Parker, P. Switch to air-PAC yields time savings 79302
Parker, P. *see* Parsa, V. 74155
Parker, P.A. *see* Parsa, V. 77024
Parker, R. *see* Shen, J. 58955
Parker, R.K. *see* Lau, Y.Y. 62062
Parker, S. *see* Goforth, R.R. 99597
Parker, S. *see* Snoeys, W. 63578
Parker, T.E., Andres, D., Greer, J.A., Montress, G.K. 1/f noise in etched groove surface acoustic wave (SAW) resonators 93861
Parker, T.E. *see* Montress, G.K. 87466
Parker, W.J. *see* Babrauskas, V. 76248
Parkes, S., Banerjee, P., Patel, J. ProperHITEC: a portable, parallel, object-oriented approach to sequential test generation 91720
Parkes, S. *see* Kim, S. 55039
Parkhomchuk, V.V., Shiltsev, V.D., Weaver, H.J. Measurements of the ground motion vibrations at the SSC 76382
Parkhomchuk, V.V. *see* Anashin, V.V. 76538
Parkhomchuk, V.V. *see* Baklakov, B.A. 59034
Parkhomenko, P.P. A compact form of assignment of all nonexcessive paths in a digraph 91263
Parkhurst, C.A., Kwon, M.-J.L. The Nevada Academic Libraries Information System: an application of Internet services 75035
Parkin, D.M. *see* Brandt, B.L. 82507
Parkin, D.M. *see* Brooks, J. 56282
Parkin, D.M. *see* Campbell, L.J. 82503
Parkin, D.M. *see* Crow, J.E. 72174
Parkin, M. *see* Nowatzyk, A. 50090
Parkin, R. *see* Cutri, F.A. 58632
Parkinson, B. *see* Cobb, S. 77129
Parkinson, B.W. *see* Changdon Kee 67713
Parkinson, B.W. *see* Cohen, C.E. 88656
Parkinson, B.W. *see* Pullen, S.P. 65998
Parkinson, M.L. Advanced directional sea spectrum studies with the Bribie Island MF/lower HF surface-wave radar 88796
Parkinson, S. *see* Russell, R.A. 52820
Parkkinen, J.P.S. *see* Jaaskelainen, T. 53551
Parkkonen, L.T. *see* Knuutila, J.E.T. 53390
Parks, G., Linton, D., Brennan, M., Stewart, J.A.C., Fusco, V.F. Expert system issues related to monolithic microwave integrated circuit design 55429
Parks, H.G., Schrimpf, R.D., Craigin, B., Jones, R., Resnick, P. Quantifying the impact of homogeneous metal contamination using test structure metrology and device modeling 82067
Parks, H.G., Schrimpf, R.D., Craigin, R., Jones, R., Resnick, P. Test structure metrology of homogeneous contamination 56072
Parks, H.G. *see* DeLoach, C.A. 49924
Parks, T.W. *see* Burnside, D. 80450
Parks, T.W. *see* Shenoy, R.G. 84347
Parks, T.W. *see* Weisburn, B.A. 76874
Parkun, V.N. *see* Vorob'eva, A.I. 61428
Parlamas, S.P. *see* Horowitz, E.R. 85589
Parlato, L., Peluso, G., Pepe, G., Vaglio, R., Attanasio, C., Ruosi, A., Barbanera, S., Cirillo, M., Leoni, R. X-rays operation of a thin film NbVN superconducting-strip particle detector 88306
Parler, S.G., Jr. New aluminum electrolytic and stacked mica capacitors 80925
Parlett, B.N. *see* Berry, M.W. 79697
Parlitz, U., Ergezinger, S. Robust communication based on chaotic spreading sequences 64278
Parmar, A.N. *see* Bavdaz, M. 67408
Parmeggiano, S. *see* Cantoni, P. 53306
Parmentier, R.D. Nonlinear dynamics in one and two dimensional arrays of discrete Josephson elements 82362
Parmiggiani, F. *see* Baraldi, A. 77320
Parmigiani, F. *see* Bonzi, P. 87331
Parmigiani, F. *see* Sberveglieri, G. 98150
Parmley, L.J. *see* Bell, W.W. 89719
Parmon, W. *see* Potter, N. 90979
Parnaby, J. Business process systems engineering 69472
Parnall, S. Automatic RDS travel message signalling in BBC radio networks 97559
Parnes, P. *see* Treviranus, J. 53473
Parnes, S.M. *see* Castracane, J. 76894
Parng Tai-Ming *see* Tai-Ming Parng
Parniani, M., Lesani, H. Application of power system stabilizer at Bandar-Abbas power station 88998
Parno, A.V. *see* Pantsyrny, V.I. 82487
Parny, R.de *see* de Parny, R.
Parodi, M. *see* Cincotti, S. 49732
Parodi, R. *see* Acerbi, E. 63871
Parodi, R. *see* Baccaglioni, G. 87617
Parodi, R. *see* Barletta, W.A. 67060
Parodi, R. *see* Bartalucci, S. 67061
Parodi, R. *see* Bellomo, G. 67122
Parodi, R. *see* Fabbricatore, P. 82476
Parodi, R. *see* Fabbricatore, P. 87784
Parodi, S. *see* della Corte, A. 82441
Parodos, T. *see* Halverson, W. 87385
Parol, M. *see* Mroczka, J. 50690
Paroth, V. *see* Homburg, D. 68930
Parpia, J. *see* Soh, Y.-A. 71144
Parpia, Z. *see* Voinigescu, S. 62220
Parr, A.T.J. *see* Collins, R.A. 87324
Parr, G.P. SuperJANET: Providing interoperability and internetworking for UK research and higher educational establishments in the 1990s 65390
Parra, L. *see* Hausler, G. 50642
Parra, T. *see* Torres, J.P. 80725
Parraud, R. Pollution performance of silicone due to the recovery mechanism 53770

Parraud, R., Lumb, C. Field experience of HVDC toughened glass insulators 53779
Parraud, R. *see* Argaut, P. 99707
Parreira, P. *see* Almeida Pereira, O.J.B. 79710
Parrella, R.D. *see* Brennan, C.J. 93795
Parretta, A. *see* Menna, P. 91546
Parriaux, O. *see* Sychugov, V.A. 82645
Parrilla, L., Ortega, J., Lloris, A. Using simulated annealing in the minimisation of AND-EXOR functions 92137
Parrington, G.D. *see* Ingham, D.B. 85741
Parris, C., Hui Zhang, Ferrari, D. A dynamic management scheme for real-time connections 65181
Parris, C.J., Ventre, G., Hui Zhang Graceful adaptation of guaranteed performance service connections 85540
Parrish, S., Mulder, D. AIN: building blocks for future service 85554
Parrott, A.K. *see* Monk, P.B. 73263
Parrour, G. *see* Gingrich, D. 53291
Parry, D. *see* Pierson, D. 90980
Parry, G. *see* Mottahedeh, R. 72442
Parry, G. *see* Zhang, J. 91492
Parry, G. *see* Zouganeli, P. 82715
Parry, G.W. *see* Mosleh, A. 89546
Parry, M.K., Krier, A. Liquid phase epitaxial growth and photoluminescence of Mn-doped InGaAs with InAs-enriched composition 48934
Parry, M.K., Krier, A. LPE growth of InAsSbP for mid-infrared (2-4 μm) optoelectronic devices 91536
Parry, R.R. Programmable electronic safety systems 76326
Parsa, V., Parker, P. Constrained crosstalk resistant adaptive noise canceller 74155
Parsa, V., Parker, P.A. Multireference adaptive noise cancellation applied to somatosensory evoked potentials 77024
Parsa, Z. Effects of the third order transfer maps and solenoid on a high brightness beam 66988
Parsa, Z. Development of the alternate entry port for the ATF 76642
Parsad, R.S., Mehra, R., Engles, D. Switched wavelength domain optical networks 75410
Parshin, I.O. *see* Kushin, V.V. 76429
Parsi-Feraidoonian, R., Xian-Lin Sun, Wong, M.D. Catastrophe theory model of multimachine power systems for transient stability studies 99516
Parsley, G.M.J. *see* Reinert, J. 68596
Parson, K. *see* Brown, D. 89096
Parsons, A.J., Meadows, R.G. Matching techniques for microwave integrated circuits 92622
Parsons, A.J. *see* Virdee, B.S. 80644
Parsons, A.T., Williams, M.L. Limitations on the use of discrete linear models of continuous random processes 57440
Parsons, B.K., Luongo, C.A., Cooke, K.M., Kreinbrink, K., Hood, C., Barnes, C. Design of the cryogenic systems for the 20 MWh SMES-ETM 93985
Parsons, C.A., Kim, M.H., Quinn, W.E., Herrmann, H.B., Swirhun, S.E., Brierley, S.K. Pseudomorphic high electron mobility transistor channel sheet charge measured by photoluminescence 81938
Parsons, D.F. The impact of information technology on health care: a practitioner's perspective 85913
Parsons, F.G. *see* Beckwith, W.A. 60722
Parsons, J.A. *see* Benary, O. 53327
Parsons, J.A. *see* Benary, O. 98517
Parsons, J.A. *see* Benary, O. 98640
Parsons, J.D. *see* Hahn, S.R. 71110
Parsons, J.R. *see* Krane, R.J. 79418
Parsons, J.R. *see* Krane, R.J. 79424
Parsons, K.J., Kenington, P.B. Effect of delay mismatch on a feedforward amplifier 49183
Parsons, K.J., Kenington, P.B. The efficiency of a feedforward amplifier with delay loss 61586
Parsons, K.J., Kenington, P.B., McGeehan, J.P. Efficient linearisation of RF power amplifiers for wideband applications 49195
Parsons, N.J. *see* Carr, A.D. 52783
Parsons, N.J. *see* Croston, I.R. 75407
Parsons, P. *see* Seibert, K. 66381
Partain, K.D. *see* Luongo, C.A. 72265
Partain, K.D. *see* Luongo, C.A. 94002
Partanen, J. *see* Jarventausta, P. 68329
Partanen, J. *see* Jarventausta, P. 68337
Partanen, J.P. *see* Biaggio, I. 95738
Partanen, P. *see* Viitanen, V.-P. 98721
Parten, M.E., Yong, K.C. A comparison of techniques for target detection in noise 75523
Parthasarathy, G. *see* Prasad, M.V.N. 92971
Parthasarathy, H., Prasad, S., Joshi, S.D. A MUSIC-like method for estimating quadratic phase coupling 57501
Parthasarathy, P.R., Vijayalakshmi, V. Transient solution of state dependent queues: a continued fraction approach 69672
Parthiot, F.P., Denis, J.-F. A better way to navigate on deep sea floors 97455
Parthiot, P., Denis, J.-F. POSIDONIA: a new family of acoustic positioning systems 86627
Partington, K.C. *see* Sephton, A.J. 77448
Partlo, W.N. *see* Fields, C.H. 71506
Partovi, A. *see* Nuss, M.C. 56933
Partovi, H., Draper, D. A regenerative push-pull differential logic family 92128
Partovi, M.H. *see* Gharavi, H. 75104
Partridge, C. *see* Escobar, J. 74724
Partridge, R. *see* Bantly, J. 88241
Partridge, R. *see* Bantly, J. 98590
Partridge, W.P., Jr., Laurendeau, N.M., Johnson, C.C., Steppel, R.N. Performance of pyrromethene 580 and 597 in a commercial Nd:YAG-pumped dye-laser system 94371
Partyk, B. *see* Orgon, M. 62631
Partyk, B. *see* Orgon, M. 93484
Partyka, R. Results of investigation of three phase high voltage disturbance arc and their analysis 90281
Parui, S.K. *see* Datta, A. 84633
Parulkar, G. *see* Fengmin Gong 65329
Parulkar, I., Breuer, M.A., Njinda, C.A. Extraction of a high-level structural representation from circuit descriptions with applications to DFT/BIST 91704
Parvin, B., Johnston, W., Roselli, D. Pinta: a system for visualizing the anatomical structures of the brain from MR imaging 98881
Parvis, M. Using a-priori information to enhance measurement accuracy 52744
Parvis, M. *see* Ferraris, F. 66194
Parygin, V.N., Zhmakin, I.N., Medvedkov, O.I. A collinear acoustooptical filter with the Gaussian light and sound beams 82755
Parzen, G. A simulation study of linear coupling effects and their correction in RHIC 66984
Parzygnat, W.J. *see* Grimes, G.J. 94314
Pasagic, V. Atmospheric infrared transmittance in a coastal region 94847
Pasala, K.M., Friel, E.M. Mutual coupling effects and their reduction in wideband direction of arrival estimation 95475
Pasala, K.M., Ortiz, C.R. An experimental and theoretical investigation of scattering by finite perfectly conducting cylinders with varying cross-section 73259
Pasanen, J., Vainio, O., Ovaska, S.J. Predictive synchronization and restoration of corrupted velocity samples 76212
Pasanen-Tuomainen, I. Resource sharing and networking in the FUNET network 96667
Pascal, F., de Murcia, M., Lecoy, G., Vandamme, L.K.J. 1/f and g-r noise in AlGaAs epitaxial layers 55847
Pascal, R.W. *see* Birch, K.G. 99215
Pascale, G. *see* Bagnaia, P. 53349
Pascault, G. Track-to-train transmission [in the Channel Tunnel] 60552
Pascente, J.E., Lijap, O. Automatic X-ray inspection of flip chip components 91100
Pascente, J.E., Lijap, O. Comparison of X-rays and acoustics in package inspection 91105
Paschalidis, I.C. *see* Sykas, E.D. 85975
Paschalis, A. Efficient structured design of totally self-checking M-out-of-N code checkers with $N>2M$ and $M=2^k-1$ 80307
Paschall, R.N., Layne, J.R. Design and analysis of an integrated targeting system 88676
Paschetta, E. *see* Manione, R. 52002
Paschos, V., Sphicopoulos, T., Syvridis, D., Caroubalos, C. Influence of thermal effects on the tunability of three-electrode DFB lasers 63792
Paschotta, R., Kurz, P., Henking, R., Schiller, S., Mlynek, J. 82% efficient continuous-wave frequency doubling of 1.06 μm with a monolithic $MgO:LiNbO_3$ resonator 83324
Pasciak, G. *see* Golonka, L.J. 87340
Pasciak, J.E. *see* Bramble, J.H. 54730
Pasco, N. Environmental stress screening of electronic assemblies, a thermal transient study 91153
Pascoe, R.A. Low-cost audio/visual presentation enabler 96437
Pascone, R. *see* Vullo, T. 59376
Pascone, R. *see* Vullo, T. 88364
Pascu, M.L. *see* Medianu, R. 72555
Pasechnik, D.V. Geometric characterization of the Sporadic groups Fi_{22}, Fi_{23}, and Fi_{24} 91279
Paseka, I.V. *see* Smimov, E.A. 55321
Paserba, J.J., Leonard, D.J., Miller, N.W., Naumann, S.T., Lauby, M.G., Sener, F.P. Coordination of a distribution level continuously controlled compensation device with existing substation equipment for long term VAr management 68209
Pashagin, A.I., Yakovleva, N.V. The topography of the magnetic field of a defect inclined to the surface of the product 55016
Pashan, M.A., Soneru, M.D., Martin, G.D. Technologies for broadband switching 52276
Pashan, M.A. *see* Eng, K.Y. 75146
Pashchin, A.I. *see* Antipov, V.V. 53863
Pashinin, P.P. *see* Ilichev, N.N. 82964
Pashinin, P.P. *see* Il'ichev, N.N. 82965
Pashinin, P.P. *see* Il'ichev, N.N. 94585
Pashinskii, V.G. Low-power commutator motors supplied with rectified pulsating current 78848
Pashkin, Yu.A., Haviland, D.B., Kuzmin, L.S., Chen, C.D., Delsing, P., Claeson, T. 2e periodic modulation of the I-V curve of a current-biased superconducting transistor 63316
Pashkov, N.I. *see* Kislenko, V.I. 90002
Pashkovskii, A.B. Evaluating the effect of semiconductor structure parameters on noise characteristics of heterostructure field-effect transistors 62901
Pashley, D.W. *see* Zhang, X. 79825
Pashley, M.D., Li, D. Control of the Fermi-level position on the GaAs(001) surface: Se passivation 93219
Pashuk, A.V., Fursenko, T.A. Study of InP/InGaAs heterostructures by a photovoltage method using an organic liquid 71170
Pashuk, A.V., Fursenko, T.A. A photomultiplier tube for measurements in the infrared range 92907
Pasik, M.F., Dudley, D.G. An asymptotic analysis of a wire mesh parallel-plate waveguide 73429
Pasin, W. *see* Basile, G. 86982
Pasin, W. *see* Sacconi, A. 86981
Pasini, G. *see* Mirri, D. 98188
Pasini, G. *see* Mirri, D. 98243
Pask, C. *see* Samir, W. 63447
Pask, C. *see* Tran, H.T. 56371
Pask, H.M., Archambault, J.L., Hanna, D.C., Reekie, L., Russell, P.S.J., Townsend, J.E., Tropper, A.C. Operation of cladding-pumped Yb^{3+}-doped silica fibre lasers in 1 μm region 56731
Pask, H.M., Piper, J.A. Transient effects in burst-mode operation of pulsed barium vapor lasers 94326
Paskevich, V. *see* Carson, B. 77299
Pasko, J.G. *see* Arias, J.M. 58753
Pasko, J.G. *see* Arias, J.M. 91529
Pasko, M. Choice of the one-port networks for compensation of current's reactive component of nonsinusoidal voltage source supplying linear load 49148
Pasko, M. Application of two-terminals LC to symmetrization of phase load of three-phase nonsinusoidal voltage source 53598
Pasko, M. *see* Siwczynski, M. 55106
Pasko, M. *see* Siwczynski, M. 57154
Pasko, V.P., Inan, U.S. Recovery signatures of lightning-associated VLF perturbations as a measure of the lower ionosphere 94806
Paskov, V.V., Pomeshchikov, V.S., Skol'nik, G.M., Khizh, E.B. Increasing the efficiency of municipal district heating systems 89668
Paskova, T. *see* Yakimova, R. 92935
Pasmanik, G.A. *see* Andreyev, N.F. 56893
Pasmanik, G.A. *see* Andreyev, N.F. 63694
Pasmanik, G.A. *see* Bubis, E.I. 83293
Pasmanik, G.A. *see* Leshchev, A.A. 50655
Pasotti, C. *see* Massarotti, A. 66817
Pasotti, G. *see* Blau, B. 82440
Pasotti, G. *see* della Corte, A. 82441
Pasquale, F.Di *see* Di Pasquale, F.
Pasquale, J., Anderson, E., Muller, P.K. Container shipping: operating system support for I/O-intensive applications 51900
Pasquale, J., Polyzos, G., Kompella, V. Real-time dissemination of continuous media in packet-switched networks 74649
Pasquale, M. *see* Bertotti, G. 72035
Pasquali, P. *see* Gatelli, F. 77721
Pasquali, P. *see* Monti-Guarnieri, A. 77247
Pasqualini, G. *see* Frontera, F. 76862
Pasqualone, R.G. *see* Cater, D. 54570
Pasqualoni, A. *see* Mahulikar, D. 91028
Pasqualucci, E. *see* Farilla, A. 52772
Pasquariello, G. *see* De Carolis, G. 77218
Pasquariello, G. *see* De Carolis, G. 88875
Pasquariello, G. *see* Fiorini, P. 74895
Pasquerilla, N., Young, S. Zone-selective interlocking for low voltage switchboards 89225
Pasquet, D. *see* Boudiaf, A. 87476
Pasquet, D. *see* Lefrancois, S. 87483
Pasquiers, S. *see* Legentil, M. 63660
Pasquinelli, M. *see* Agli, N. 81259
Pasquinelli, M. *see* El Ghitani, H. 90382
Pasquinelli, M. *see* Porre, O. 55541
Pasquinelli, R. *see* Jackson, G. 87876
Pasquinelli, R.J. Electro-optical technology applied to accelerator beam measurement and control 76553
Pasquinelli, R.J. Signal to noise and dynamic range issues in system design 98449
Pasquinelli, R.J., McGinnis, D. Performance of the upgraded Stacktail Momentum Cooling system in the Fermilab antiproton source 76506
Pasquinelli, R.J. *see* Chase, B.E. 76504
Passalaqua, A.M. *see* Sastry, K.L.A. 76947
Passaleva, G. *see* Adam, A. 88087
Passaleva, G. *see* Adam, A. 88102
Passaleva, G. *see* Adriani, O. 88023
Passaleva, G. *see* Battiston, R. 53350
Passaneau, J.E. *see* Wu, J. 98659
Passard, M., Maleysson, C., Pauly, A., Dogo, S., Germain, J.-P., Blanc, J.-P. Gas sensitivity of phthalocyanine thin films 66543
Passard, M. *see* Pauly, A. 87323
Passardi, G. *see* Delikaris, D. 76646
Passardi, G. *see* Seguinot, J. 67343
Passaro, V.M.N. *see* Armenise, M.N. 74252
Passaro, V.M.N. *see* Armenise, M.N. 82693
Passenberg, W. *see* Kaiser, R. 86348
Passenheim, B.C. *see* Miller, T.L. 76079
Passerini, S., Loutzky, S., Scrosati, B. New thin-layer solid state lithium polymer batteries 78787

Passerini, S. *see* Croce, F. 68970
Passerini, S. *see* Panero, S. 56429
Passlack, M., Hunt, N.E.J., Schubert, E.F., Zydzik, G.J., Hong, M., Mannaerts, J.P., Opila, R.L., Fischer, R.J. Dielectric properties of electron-beam deposited Ga_2O_3 films 56091
Passlack, M. *see* Schubert, E.F. 56511
Passmann, C., Ermert, H., Auer, T., Kaspar, K., el-Gammal, S., Altmeyer, P. In vivo ultrasound biomicroscopy 98780
Passmore, J.L. *see* Hull, J.R. 72274
Passner, A. *see* Boebinger, G.S. 83570
Passon, C. *see* Brenner, K.-H. 72526
Passuello, D. *see* Galeotti, S. 70665
Passy, R., Gisin, N., von der Weid, J.P. Long range coherent OFDR with DFB laser diode coupled to an external cavity 82618
Passy, R., Gisin, N., von der Weid, J.P. Low coherence multiplexed optical sensors 87258
Passy, R., Gisin, N., von der Weid, J.P., Gilgen, H.H. Experimental and theoretical investigations of coherent OFDR with semiconductor laser sources 98326
Passy, R. *see* Gisin, N. 72309
Passy, R. *see* Gisin, N. 82548
Pasteka, M., Porubsky, S. On distribution of sequences of integers 91305
Pasternak, A. *see* Ben-Dor, B. 99307
Pasternak, A. *see* Kacprzyk, R. 63081
Pasternak, F., Hollier, P., Jouan, J. SEVIRI, the new imager for Meteosat second generation 77372
Pastol, Y. *see* Gitin, M.M. 51226
Pastorelli, M. *see* De Doncker, R.W. 100795
Pastorelli, M. *see* Profumo, F. 60521
Pastori, W. A simplified approach to noise figure measurements 98381
Pastorino, M. *see* Caorsi, S. 51584
Pastorino, M. *see* Caorsi, S. 73276
Pastorino, M. *see* Caorsi, S. 94789
Pastravanu, A., Alexa, D., Lucanu, M. Performance analysis of an AC/DC converter with high power factor using dedicated software media 90143
Pastushenkov, Yu.G. *see* Grechishkin, R.M. 66278
Pasunkin, V.N. *see* Artemov, A.A. 94698
Pasupathy, S. *see* Alles, M. 51288
Pasupathy, S. *see* Alles, M. 95594
Pasupathy, S. *see* Asano, D.K. 51313
Pasupathy, S. *see* Erfanian, J. 57333
Pasupathy, S. *see* Kschischang, F.R. 73726
Pasupathy, S. *see* Morales-Moreno, F. 57367
Pasztor, C., Anghel, A., Jakob, B., Wesche, R. Transverse stress effects in Nb_3Sn cables 89293
Pasztor, G. *see* Fuchs, A.M. 94005
Pataca, D.M., Rocha, M.L., Smith, K., Whitley, T.J., Wyatt, R. Actively modelocked Pr^{3+} doped fluoride fibre laser 63706
Patapoff, N. *see* Skvarna, P. 78929
Patarasen, S., Georghiades, C.N. Maximum-likelihood symbol synchronization and detection of OPPM sequences 64263
Pataricza, A., Selenyi, E. Error detecting codes in hardware testing 61730
Patarin, J., Chauvaud, P. Improved algorithms for the permuted kernel problem 83955
Patat, F. *see* Leger, C. 98759
Patat, F. *see* Tessier, L. 67489
Pate, M.A. *see* Buckle, P.D. 62269
Pate, M.A. *see* David, J.P.R. 55639
Pate, M.A. *see* David, J.P.R. 55890
Pate, M.A. *see* David, J.P.R. 93314
Pate, M.A. *see* Maude, D.K. 62271
Pate, M.A. *see* Pabla, A.S. 82720
Pate, M.A. *see* Teissier, R. 81785
Pate, M.A. *see* Thirstrup, C. 50580
Patechi, G. *see* Rossetto, L. 68843
Patej, E.J. Electro-optical mode extinction modulator in $LiNbO_3$ 56424
Patel, A. Security management for OSI networks 65164
Patel, A. *see* Shorrocks, N. 63126
Patel, A. *see* Tossell, D.A. 50131
Patel, A.M., Rutledge, R.A., So, B.S. Performance data for a six-sample look-ahead (1,7) ML detection channel 50334
Patel, B. *see* Bisdikian, C. 74918
Patel, B. *see* Schaffa, F. 85351
Patel, B.L. *see* Lee, W.S. 52587
Patel, B.L. *see* Lee, W.S. 65808
Patel, B.L. *see* Thrush, E.J. 54901
Patel, B.V. *see* Cohen, R. 65284
Patel, C. *see* Goldie, D.J. 63304
Patel, D., Agarwal, A., Pflasterer, R., Divakuruni, M. EPRIWorks—a software backplane for utility applications 68111
Patel, D., Kalter, S.D. Low overhead, loosely coupled communication channels in collaboration 74824
Patel, D., Temkin, H., Menoni, C.S., Logan, R.A., Coblentz, D., Tome, C. Enhanced characteristics of InGaAsP buried quaternary lasers with pressure in the diamond anvil cell 83129
Patel, D.H. *see* Arora, S.K. 70073
Patel, G.B. *see* Nerem, R.S. 99255
Patel, H. *see* Abou-Arrage, G. 65520
Patel, J. *see* Parkes, S. 91720
Patel, J.H. *see* Chickermane, V. 61672
Patel, J.H. *see* Dharchoudhury, A. 92169
Patel, J.H. *see* Hungse Cha 92045
Patel, J.H. *see* Lee, J. 80376
Patel, J.H. *see* Rudnick, E.M. 49295
Patel, J.H. *see* Rudnick, E.M. 80224
Patel, J.H. *see* Rudnick, E.M. 91997
Patel, J.S. *see* Pertuis, V. 72461
Patel, K., Smith, B.C., Rowe, L.A. Performance of a software MPEG video decoder 66064
Patel, N., Garcia, M., Titcomb, S., Anderson, R. On the determination of the effective channel length of MOSFETs 62803
Patel, N. *see* Angelopoulos, M. 93290
Patel, N.B. *see* Morosini, M.B.Z. 50800
Patel, N.D. *see* Sullivan, M.F. 55078
Patel, N.G., Lashkari, B.H., Panchal, C.J., Makhija, K.K. Improvement of efficiency of ITO/Se thin film solar cells using tellurium stimulator 90453
Patel, N.K., Burroughes, J.H., Tribble, M.J., Linfield, E.H., Churchill, A.C., Ritchie, D.A., Jones, G.A.C. Independent contacting to electron layers in a double quantum well system using Pd-Ge shallow ohmic contacts 81335
Patel, N.K., Linfield, E.H., Brown, K.M., Grimshaw, M.P., Ritchie, D.A., Jones, G.A.C., Pepper, M. Large transconductances observed in an independently contacted coupled double quantum well 55629
Patel, P., Holtzman, J. Analysis of a simple successive interference cancellation scheme in a DS/CDMA system 75199
Patel, P.P. *see* Yang, C.Y. 82392
Patel, P.R., Holtzman, J.M. Analysis of a DS/CDMA successive interference cancellation scheme using correlations 75188
Patel, R. *see* Hochst, H. 87744
Patel, R. *see* Pham, D. 92287
Patel, R.S., Wassick, T.A., Ralston, C.Y. Metal capping of MCM thin film features using a laser 79324
Patel, R.V. On Hamiltonian matrices, symplectic transformations, and invariant subspaces 54648
Patel, R.V. *see* Sood, V.K. 78066
Patel, R.V. *see* Zaheer-Uddin, M. 100950
Patel, S. *see* Krusin-Elbaum, L. 63282
Patel, S. *see* le Grand, J.B. 67410
Patel, S.G. *see* Agarwal, A. 81266
Patel, S.J. *see* McKinney, D.L. 55286
Patel, S.P., Henderson, G., Georganas, N.D. Multimedia fax-MIME interworking 58097
Patel, V., El-Hilo, M., O'Grady, K., Chantrell, R.W. Fluctuation fields of reversal in oriented and non-oriented barium ferrite media 50245
Patel, V. *see* Sun, H.C. 55765
Pater, S.L. *see* Sharp, R.E. 71550
Paterakis, M. *see* Wen Jing 52167
Paterakis, M. *see* Yu Gong 96177
Paterok, M. *see* Katker, S. 58079
Paterson, A. *see* Tanabe, J. 76683
Paterson, B.R. *see* Prestage, N.P. 86640
Paterson, I.C.M. *see* Brewster, A.E. 98751
Paterson, J., Ramsay, M. Electric vehicle braking by fuzzy logic control 69151
Paterson, J. *see* Winick, H. 63870
Paterson, J. *see* Winick, H. 83178
Paterson, J.M. *see* Ruth, R.D. 66791
Paterson, J.R. A new ablative elastomeric insulation 53759
Paterson, K. *see* Murphy, S. 57374
Paterson, K.G. Perfect maps 73720
Paterson, M.S. *see* Fischer, M.J. 65007
Paterson, P.J.K. *see* Weiser, P.S. 79906
Pathak, A., Camps, O.I. Bayesian view class determination 96016
Pathak, B. *see* Chung-En Zah 72838
Pathak, B. *see* Zah, C.E. 97283
Pathak, B.N. *see* Chung-En Zah 63780
Pathak, D.K., Perlin, M.W. Intelligent interpretation of PCR products in 1D gels for automatic molecular diagnostics 76886
Pathak, J. *see* Ma, Y. 70516
Pathak, N., Shrivastava, M.C. Measurement and computer simulation of resonant frequency for TM_g mode of annular ring microstrip antenna covered with lossy dielectrics 94992
Pathak, P.H. *see* Somers, G.A. 64212
Pathak, R., Singh, C. A new mathematical approach to multi-area power system reliability evaluation 99622
Pathak, R.N. *see* Hozhabri, N. 70001
Pathak, R.N. *see* Hozhabri, N. 79800
Pathak, S.S. Carrier phase estimation and phase jitter compensation for data modems 85971
Pathan, A.N. *see* Ming-Kang Liu 75117
Pathan, F.M. *see* Manian, K.S.B. 49136
Pathengy, B. *see* Guan, Y. 72886
Pathomkasikul, W., Zinger, D., Elbuluk, M. Comparative study of IGBTs and MCTs in resonant DC link converters 68738
Pathomkasikul, W. *see* Elbuluk, M.E. 68765
Pati, S.P. *see* Dash, G.N. 55406
Pati, S.P. *see* Dash, G.N. 80674
Pati, Y.C., Kailath, T. Phase-shifting masks for microlithography: automated design and mask requirements 81692
Pati, Y.C., Wang, Y.T., Liang, J.W., Kailath, T. Phase-shifting masks: automated design and mask requirements 71482
Pati, Y.C. *see* Yao-Ting Wang 71487
Patil, D., Knapp, R.H. Interactive graphical database for undersea cable design 96958
Patil, M.D. *see* Bookstein, A. 95160
Patil, M.G., Mahajan, V.C., Lotke, S.D., Bhise, B.V., Patil, S.A. Electrical resistivity and thermoelectric power of Ti substituted Ni-Cd ferrites 71127
Patil, P., Zegers, P. Fuel cell road traction: an option for a clean global society 60571
Patil, P. *see* Hall, P. 95058
Patil, P.B. *see* Chaudhari, P.R. 70824
Patil, P.B. *see* Kalmase, G.M. 92502
Patil, P.R. *see* Patil, P.S. 78780
Patil, P.S., Patil, P.R. Photoelectrochemical characterization of sprayed tungsten oxide thin films 78780
Patil, P.S. *see* Bhosale, C.H. 70076
Patil, R., Basu, A., Hong Zhang Crack detection using contact sensing 97927
Patil, S. *see* Savir, J. 49393
Patil, S. *see* Savir, J. 80225
Patil, S. *see* Savir, J. 80244
Patil, S.A. *see* Patil, M.G. 71127
Patill, A.S. *see* Bhatt, B.C. 88606
Patin, Y., Lochard, J.P., Gosselin, G. Electronic component response to energetic heavy ions 71746
Patin, Y. *see* Doucin, B. 71580
Patkar, M.P., Lundstrom, M.S., Melloch, M.R., Lush, G.B., Young, M.P. Thin crystalline LEDs and solar cells using epitaxial lift-off 90445
Patkar, M.P. *see* Lush, G.B. 100735
Patkar, S., Servatius, B., Subrahmanyam, K.V. Abstract and generic rigidity in the plane 79600
Patlagan, L. *see* Koren, G. 56244
Patnaik, B. *see* Bhatnagar, M. 62679
Patnaik, B.K. *see* Dhere, N.G. 100656
Patnaik, B.K. *see* Feng Hong 49814
Patnaik, L.M. *see* Koriem, S.M. 85639
Patnaik, L.M. *see* Mall, R. 70247
Patnaik, L.M. *see* Prahlada-Rao, B.B. 91793
Patnaik, L.M. *see* Srinivas, M. 61122
Patnaik, L.N. *see* Yadav, H.O. 94243
Patnaik, L.N. *see* Yadav, H.O. 94244
Patnaik, R.S.M., Ganesh, S., Ashok, G., Ganesan, M., Kapali, V. Heat management in aluminium/air batteries: sources of heat 68974
Patney, R.K. *see* Gadre, V.M. 80481
Pato, J.N. *see* Gligor, V.D. 65035
Paton, B. Market considerations in the reuse of electronic products 90895
Patra, J.C., Pal, R.N. Transform domain adaptive processing with neural network controlled resonator banks 95635
Patra, S., Misra, R.B. A new method for reliability evaluation of composite power systems 53702
Patra, S., Misra, R.B. Probabilistic load flow solution using method of moments 59697
Patra, S.K., Ma, J., Ozguz, V., Lee, S.H. Self-alignment by flip-chip bonding for OE-MCM packaging 82854
Patra, S.K., Ma, J., Ozguz, V.H., Lee, S.H. Alignment issues in packaging for free-space optical interconnects 54493
Patra, S.K. *see* Zaleta, D. 82856
Patrascu, A.S. *see* Le Berre, M. 50931
Patrashin, M. *see* Lemke, D. 66417
Patriarca, M. *see* Giorgi, L. 60433
Patriarca, S. *see* Agostini, A. 85919
Patriarche, G., Tromson-Carli, A., Riviere, J.-P., Maurice, J.-L., Druilhe, R., Castaing, J. Epitaxy of CdTe on exotic (h11) GaAs surfaces 79833
Patrick, H., Gilbert, S.L., Lidgard, A. Decrease of fluorescence in optical fiber during exposure to pulsed or continuous-wave ultraviolet light 94083
Patrick, M.A. *see* Hawley, J.G. 69148
Patrick, P. Transaction-oriented applications via National ISDN 65417
Patrick, T.J. *see* Davis, G.R. 58788
Patrick, W. Modified T-gates incorporating micro-airbridges to avoid mesa sidewall contact in AlInAs/GaInAs HEMTs 81968
Patrick, W. *see* Bergamaschi, C. 56017
Patrick, W. *see* Klepser, B.-U.H. 56020
Patrick, W. *see* Thomas, K.M. 71740
Patrie, B.J., Seitzman, J.M., Hanson, R.K. Instantaneous three-dimensional flow visualization by rapid acquisition of multiple planar flow images 53087
Patrikar, A. *see* Sarwal, P. 74131
Patrinos, A.J., Schwarz, J.A. Simulation of electromigration based on resistor networks 62526
Patrissi, S. *see* Forster, E. O. 63090
Patrizii, L. *see* Cecchini, S. 88183
Patro, Y.G.K. *see* Bhatnagar, A. 82639
Patrone, S. *see* Dormicchi, O. 82486
Patrouix, O., Jouvencel, B. Range information extraction using U BAT: an ultrasonic based aerial telemeter 97811
Patsaev, D. *see* Pershin, S. 77348
Patskovsky, S.V. *see* Shul'ga, A.A. 87310
Patt, B.E. *see* Wang, Y.J. 88326
Patt, B.E. *see* Wang, Y.J. 98731
Patt-Shamir, B. *see* Awerbuch, B. 65044
Pattakhov, A.A. *see* Yunusov, M.S. 82839
Pattanaik, B.N. *see* Yadav, H.O. 94243
Pattanaik, B.N. *see* Yadav, H.O. 94244

Pattanapanchai, S. *see* Benjamin, C.O. 69398
Pattanayak, D.N. *see* Chow, T.P. 62707
Pattanayak, D.N. *see* Hershey, J.E. 59529
Pattavina, A., Gianatti, S. Analytical models for the performance evaluation of banyan networks with shared queueing 96140
Pattavina, A., Gianatti, S. Performance analysis of ATM banyan networks with shared queueing. II. Correlated/unbalanced offered traffic 96176
Pattavina, A. *see* Bassi, S. 96283
Pattavina, A. *see* De Marco, M. 65066
Pattavina, A. *see* Decina, M. 96171
Pattavina, A. *see* Gianatti, S. 96175
Pattay, W.P.von *see* von Pattay, W.P.
Pattenier, F.J. *see* Ouibrahim, H. 65437
Patteri, P. *see* Tazzioli, F. 67001
Patterson, A. An AHDL approach to modelling 80063
Patterson, A.C. *see* Rodgers, P.A. 54465
Patterson, A.D. *see* Leckey, J.G. 81972
Patterson, B.D., Epler, J.E., Graf, B., Lehmann, H.W., Sigg, H.C. A superluminescent diode at 1.3 μm with very low spectral modulation 63594
Patterson, D. *see* Keeton, K. 75760
Patterson, D. *see* Lumpkin, A.H. 98460
Patterson, D. *see* Lumpkin, A.N. 76436
Patterson, D.A. *see* Dahlin, M.D. 85298
Patterson, D.J. The development of a bachelor of engineering program at the Northern Territory University, Australia 60783
Patterson, E.A. *see* Carazo-Alvarez, J. 91666
Patterson, E.L., Samlin, G.E. Long-pulse, electron beam pumped, atomic xenon laser 82929
Patterson, F. *see* Roeske, F. 67727
Patterson, J. *see* Cwik, T. 51062
Patterson, J. *see* Dunkley, J. 62724
Patterson, J.A. *see* Thomas, S.R. 99070
Patterson, L.R.B. *see* Ghosh, A.K. 65825
Patterson, M.H., Turner, A.K., Sadeghi, M., Marshall, R.J. Health, safety and environmental aspects of the use of cadmium compounds in thin film PV modules 100466
Patterson, M.H. *see* Turner, A.K. 100462
Patterson, M.S. *see* Giza, M.M. 76089
Patterson, M.S. *see* McCarthy, D.F. 76084
Patterson, P.E. *see* Aurand, J.F. 87031
Patterson, R. Gamma correction and tone reproduction in scanned photographic images 74407
Patterson, R., Becker, S., Boucek, G.S., Phinney, R.. Depth perception in stereoscopic displays 98240
Patterson, R.A., Goldner, E.L., Cordova, A., Rozelle, D.M. Test results over extended environments for Litton's inertial navigation grade interferometric fiber optic gyro 67710
Patterson, R.A. *see* Cordova, A. 76033
Patterson, R.L. *see* Suich, R.C. 54610
Patterson, R.W. *see* Lee, M.D. 59493
Patterson, S.P. *see* Duncan, W.A. 94334
Patterson, S.P. *see* Graves, B.R. 94336
Patti, A.J., Ozkan, M.K., Tekalp, A.M., Sezan, M.I. New approaches for space-invariant image restoration 85002
Patti, A.J., Sezan, M.I., Tekalp, A.M. Digital video standards conversion in the presence of accelerated motion 74315
Patti, G. *see* Perini, D. 82426
Pattini, F. *see* Missiroli, M. 86100
Pattipati, K.R. *see* Raghavan, V. 73992
Patton, C.E. *see* Ming Chen 63194
Patton, C.E. *see* Truedson, J.R. 72054
Patton, M.O. *see* Stan, M.A. 54828
Patton, R.J., Chen, J. Advances in fault diagnosis using analytical redundancy 48725
Patton, R.J., Chen, J. On-line residual compensation in robust fault diagnosis of dynamic systems 52763
Patton, R.J., Zhang, H.Y., Chen, J. Modelling of uncertainties for robust fault diagnosis 61054
Patton, S.T. *see* Bhushan, B. 63232
Pattuelli, R. *see* Bernardini, A. 96997
Pattwell, P.D. An electronic bulletin board for sharing government documents information 52054
Paturi, R., Saks, M.E. Approximating threshold circuits by rational functions 61638
Paturkar, R.T. *see* Vaijapurkar, S.G. 99027
Patuzzi, A.A. *see* Muller, H.G. 69259
Patyra, M.J. *see* Grantner, J. 49455
Patyra, M.J. *see* Lemaitre, L. 49260
Patyra, M.J. *see* Lemaitre, L. 49488
Patzak, E. *see* Weich, K. 56889
Patzel, R. *see* Rebhan, U. 71528
Patzschke, I. *see* Zollner, J.-P. 93100
Pau, L.F. Common theoretical formulation of the pattern recognition, identification, and detection problems 57759
Pau-Choo Chung, Ching-Tsorng Tsai, E-Liang Chen, Yung-Nien Sun Polygonal approximation using a competitive Hopfield neural network 95887
Pauck, E. Digital signal processing in modern HF equipment 97140
Paudyal, D.R., Aschbacher, J. Land-cover separability studies of filtered ERS-1 SAR images in the tropics 77629
Paukert, J. The arc voltage and the resistance of LV fault arcs 90232
Paul, C. *see* Magele, C. 51041
Paul, C.R. Incorporation of terminal constraints in the FDTD analysis of transmission lines 57164
Paul, D., Venugopalan, S.I. Power distribution system equipment overvoltage protection 68311
Paul, D., Venugopalan, S.I. Power distribution system equipment overvoltage protection 89382
Paul, D. *see* Roark, C. 59648
Paul, D.-L., Pothecary, N.M., Railton, C.J. Calculation of the dispersive characteristics of open dielectric structures by the finite-difference time-domain method 73465
Paul, D.B., Necioglu, B.F. The Lincoln large-vocabulary stack-decoder HMM CSR 84116
Paul, D.J. *see* Williams, D.A. 81409
Paul, D.K., Gardner, P., Tan, K.P. Suppression of even modes in microstrip ring resonators 92483
Paul, D.K., Markey, B.J. Losses in NLO polymer integrated optic channel waveguide devices 82699
Paul, D.K., Razdan, R., Markey, B.J. Optical beam forming architectures for onboard satellite phased-array antenna 65827
Paul, D.K. *see* Das, A.K. 56355
Paul, D.K. *see* Das, A.K. 66399
Paul, D.K. *see* Gardner, P. 92602
Paul, E., Blanchard, H., Parfait, B. Evolution of the intelligent network architecture 96849
Paul, E. *see* Schwille, W.J. 76785
Paul, H. New high-precision reference pressure transducers from 1 MPa to 50 MPa 66748
Paul, H.A. *see* Taylor, R.H. 67628
Paul, I.P.S., Kaushik, S.C., Sabberwal, S.P. Energy conservation aspects in Indian thermal power stations by technological innovations: experience and prospectives 89578
Paul, J.C. *see* Deville, P.M. 90627
Paul, L.M. Comedy in the service of science: maintaining motivation and attention in exploring call waiting 96520
Paul, M. *see* Henkelmann, T. 53186
Paul, M. *see* Jiang, X. 79854
Paul, M. *see* Rehm, K.E. 76794
Paul, O., Baltes, H. Thermal vacuum sensor by CMOS IC technology and sacrificial metal etching 97947
Paul, O.M., Korvink, J., Baltes, H. Determination of the thermal conductivity of CMOS IC polysilicon 56080
Paul, P.H. *see* Tichenor, D.A. 81591
Paul, R.J. *see* Hlupic, V. 69543
Paul, S. *see* Bruckner, W. 88025
Paul, S. *see* Geyer, S. 85997
Paul, S. *see* Gotze, J. 84273
Paul, T. *see* Adam, A. 88087
Paul, T. *see* Adam, A. 88102
Paul, T. *see* Adriani, O. 88023
Paul, W.J. *see* Drefenstedt, R. 85244
Paul Joe Chong *see* Jin Soo Hwang 91459
Paul-Hus, G., Sheng, Y. Optical real-time kinoform for on-axis phase-only correlation using liquid crystal television 56456
Paul-Hus, G. *see* Sheng, Y. 50595
Paula, A.M.de *see* de Paula, A.M.
Paulaskas, F.L. *see* Lue, J.W. 82480
Pauley, P.M., Creasey, R.L., Clark, W.L., Nastrom, G.D. Comparisons of horizontal winds measured by opposing beams with the Flatland ST radar and between Flatland measurements and NMC analyses 99199
Pauli, M., Doscher, M., Salentiny, G., Homberg, F., Muller, J. Large area and rapid thermal zone melting crystallization of silicon films on graphite substrates for photovoltaic use 100636
Pauli, R. *see* Ali, M. 84412
Pauliat, G. *see* Alves, C. 63358
Pauliat, G. *see* Galstyan, T. 63508
Paulin, P. *see* Liem, C. 93573
Paulius, L.M. *see* Sun, A.G. 82371
Paulo, S.R. *see* Falleiros, M.C. 98649
Paulos, J.J. *see* Graham, M.G. 56001
Paulos, J.J. *see* Hollis, P.W. 80532
Paulraj, A. *see* Cho, Y.M. 55685
Paulraj, A. *see* Gerlach, D. 95021
Paulraj, A. *see* Gustafsson, K. 95537
Paulraj, A. *see* Khalaj, B.H. 69595
Paulraj, A. *see* Khalaj, B.H. 79456
Paulraj, A. *see* Naguib, A.F. 75341
Paulraj, A. *see* Suard, B. 86167
Paulraj, A. *see* Talwar, S. 51431
Paulraj, A. *see* Talwar, S. 84450
Paulraj Arogyaswami *see* Arogyaswami Paulraj
Pauls, J.L. Technical writing on self-directed teams 90798
Pauls, K.L., Mitchell, K.W., Chesarek, W. The effect of dislocations on the performance of silicon solar cells 100639
Pauls, T.A. *see* Thacker, D.L. 88772
Paulsen, A. *see* Thayne, I. 93502
Paulsen, A. *see* Thayne, I.G. 56029
Paulsen, K.D. Finite-element solution of Maxwell's equations with Helmholtz forms 51055
Paulsen, K.D., Moskowitz, M.J., Ryan, T.P. Temperature field estimation using electrical impedance profiling methods. I. Reconstruction algorithm and simulated results 53422
Paulsen, K.D. *see* Moskowitz, M.J. 53427
Paulsen, P.K. *see* Nygaard, H. 77065
Paulsen, R.E., White, M.H. Theory and application of charge pumping for the characterization of Si-SiO_2 interface and near-interface oxide traps 71236
Paulson, C.C., Todd, A.M.M., Mendelsohn, S.L. The Neutral Particle Beam Space Experiment (NPBSE) accelerator designs 76314
Paulson, K., Lionheart, W., Pidcock, M. Fast, non-linear inversion for electrical impedance tomography 67517
Paulson, N. *see* Regis, L. 60984
Paulter, N.G., Jr. A causal regularizing deconvolution filter for optimal waveform reconstruction 97856
Pauluhn, A. Stochastic dynamics for accelerators 66922
Paulus, D. *see* Fischer, V. 95705
Paulus, I. *see* Peters, D. 62043
Paulus, M.J. *see* Binkley, D.M. 98817
Pauluzzi, M. *see* Adam, A. 88087
Pauluzzi, M. *see* Adam, A. 88102
Pauluzzi, M. *see* Adriani, O. 88023
Pauluzzi, M. *see* Ambrosi, G. 53302
Pauly, A., Blanc, J.-P., Dogo, S., Germain, J.-P., Maleysson, C., Passard, M. Gas sensing comparative properties of $LuPc_2$ and CuPc 87323
Pauly, A. *see* Passard, M. 66543
Paulzen, G. *see* Pomp, H.G. 93171
Paulzen, G. *see* Woerlee, P.H. 62997
Paulzen, G. *see* Woltjer, R. 62819
Paulzen, G.M. *see* Woltjer, R. 71672
Paulzen, G.M. *see* Woltjer, R. 81888
Paulzen, G.M. *see* Woltjer, R. 93389
Paulzen, G.M. *see* Woltjer, R. 93441
Paumier, E. *see* Lhermitte-Sebire, I. 81448
Paumier, J.-C. *see* Chenais, D. 61203
Paumier, J.-L. *see* Gratia, G. 98742
Paunescu, A. *see* Lazarovici, D. 59231
Paunovic, D. Characteristics of differential GPS 97497
Paunovic, D., Lazarevic, B., Ivkovic, M., Simic, N. Present state, future prospects and development possibilities of the Scientific and Technological Information System of Serbia 74790
Pausch, G., Bohne, W., Hilscher, D., Ortlepp, H.-G., Polster, D. Particle identification in a wide dynamic range based on pulse-shape analysis with solid-state detectors 98513
Pause, G.R. *see* Penfield, S.R., Jr. 78287
Pautov, V. *see* Chambaudet, A. 88578
Pautov, V.P., Marchenkot, G.N., Sopin, V.F. The quality improvement of cellulose nitrate lacquer for film detectors 88157
Pauw, P.De *see* De Pauw, P.
Pauwels, E. *see* Moons, T. 74621
Pauwels, E. *see* Van Gool, L. 74615
Pauwels, H. *see* de Meyere, A. 76115
Pavan, A. *see* Bhattacharya, S. 52165
Pavan, A. *see* Du, D.H.C. 97192
Pavan, A. *see* Guha, P. 65398
Pavan, M. *see* Alessandrello, A. 59111
Pavan, M. *see* Alessandrello, A. 59163
Pavan, M. *see* Alessandrello, A. 88147
Pavan, P. *see* Canali, C. 81827
Pavan, P. *see* Tu, R. 63016
Pavan, P. *see* Verzellesi, G. 62709
Pavan, P. *see* Zanoni, E. 62725
Pavan Kumar, M.R., Kim, J.M.S. Capacitor current feedback for output filter damping in switched-mode magnet power supplies 88216
Pavana Kumar, P. *see* Khargekar, A.K. 68853
Pavasovic, A., Andreou, A.G., Westgate, C.R. Characterization of subthreshold MOS mismatch in transistors for VLSI systems 63020
Pavasovic, A., Andreou, A.G., Westgate, C.R. Characterization of subthreshold MOS mismatch in transistors for VLSI systems 71779
Pavel, M. An invitation to fiberwise topology: the general framework for multicolored images in pattern recognition and some of its artificial intelligence aspects 57705
Pavel, T.J. *see* Abe, K. 88115
Pavel, T.J. *see* Antilogus, P. 59064
Pavel, T.J. *see* Antilogus, P. 59127
Pavelescu, D. *see* Trusca, V. 90270
Pavelets, A.M. *see* Bobrenko, Yu.N. 82815
Pavelets, S.Yu. *see* Bobrenko, Yu.N. 69010
Pavelets, S.Yu. *see* Bobrenko, Yu.N. 82815
Pavelka, R. The peaks and valleys of ringing [special telecommunication service circuits] 75137
Pavella, M. *see* Wehenkel, L. 59680
Pavella, M. *see* Wehenkel, L. 59733
Pavel'yev, A.G., Kucheryavenkov, A.I., Rubashkin, S.B., Salimzyanov, R.R., Pavel'yev, D.A. Results of a measurement of the refraction angle of radio waves in the Venusian atmosphere from bistatic radar data 51103
Pavel'yev, D.A. *see* Pavel'yev, A.G. 51103
Paver, N.C. *see* Furber, S.B. 92260
Pavese, F. *see* Steur, P.P.M. 66726
Pavesi, M. *see* Marino, G. 58226
Pavesi, M. *see* Marino, G. 85990
Pavie, H., Rebiai, M., Pinson, F. Real the architecture of a texture generator for mixers and DVEs 97618
Pavio, A.M. *see* Brinlee, W.R. 80761
Pavio, A.M. *see* Brinlee, W.R. 80813
Pavitt, D., Tchen, C. 'Building partnerships for implementing successful change' 69493
Pavlicova, J. *see* Polec, J. 74297
Pavlidis, D. *see* Costa, D. 81818
Pavlidis, D. *see* Gutierrez-Aitken, A.L. 65861

Pavlidis, D. *see* Kung Wang 91427
Pavlidis, D. *see* Kwon, Y. 49662
Pavlidis, D. *see* Kyushik Hong 56040
Pavlidis, D. *see* Kyushik Hong 80665
Pavlidis, D. *see* Marsh, P. 55414
Pavlidis, D. *see* Ng, G.I. 55925
Pavlidis, D. *see* Ng, G.I. 93329
Pavlidis, D. *see* Pehlke, D.R. 61931
Pavlidis, D. *see* Samelis, A. 62720
Pavlidis, D. *see* Yi-Jen Chan 56027
Pavlidis, D. *see* Youngwoo Kwon 55413
Pavlidis, D. *see* Youngwoo Kwon 55432
Pavlidis, T. *see* Joseph, E. 64782
Pavlidis, T. *see* Marcelli, A. 95643
Pavlidou, F.-N. Mixed media cellular systems 52418
Pavlidou, F.-N. Two-dimensional traffic models for cellular mobile systems 58342
Pavlik, S.I. Amplification in a free-electron laser with a random longitudinal field 72926
Pavlou, G., Tin, T., Carr, A. High-level access APIs in the OSIMIS-TMN platform: Harnessing and hiding 96502
Pavlou, G. *see* Carvalho, A. 96499
Pavlov, A.A. *see* Belolaptikov, I.A. 59156
Pavlov, A.P. *see* Kalyashova, Z.N. 56971
Pavlov, A.V. Adaptive neural net for classifying objects against a structurally similar background 64771
Pavlov, A.V. Two-layer two-directional optical neural network on the basis of the Van der Lugt correlator 72521
Pavlov, A.V., Shubnikow, E.I. Pattern recognition by optical neural network based on the optical correlator 51679
Pavlov, A.V., Shubnikow, E.I. Pattern recognition by optical neural network based on the optical correlator 72510
Pavlov, A.Yu. *see* Ponomaryov, L.I. 57284
Pavlov, D. *see* Kolter, M. 100699
Pavlov, G.M. Estimating the working speed of relay protection 59990
Pavlov, I.I. *see* Branzalov, P.P. 66406
Pavlov, N.I. *see* Voronin, Yu.M. 87275
Pavlov, S.A. *see* Belov, R.K. 82515
Pavlov, S.N. *see* Dolinsky, A.V. 87852
Pavlov, V.B. *see* Rychkov, V.A. 80124
Pavlova, N.G. *see* Gridnev, S.A. 56146
Pavlovets, M.V. *see* Verbitskaya, E.M. 58995
Pavlovic, M. The calculation of the linear electrostatic accelerator beam transport system by the "OPTICIAN" program 67247
Pavlovic, M., Dobrovodsky, J., Golubev, V.P. An ion beam injector for a linear electrostatic accelerator. Performance of the SORCERY program 67284
Pavlovic, M. *see* Kovac, P. 53096
Pavlovicova, J. *see* Hudecova, M. 74293
Pavlovskaya, N.G. *see* Averchenkov, V.Ya. 59053
Pavlovski, B. *see* Ruck, B. 66769
Pavlovski, B. *see* Ruck, B. 76213
Pavlovskii, A.I., Dolotenko, M.I., Bykov, A.I., Kolokol'chikov, N.P., Tatsenko, O.M. Generation of reproducible pulse magnetic fields up to 20 MGs 83452
Pavluchenkov, V.F. *see* Varfolomeev, A.A. 53121
Pavluk, S. *see* Kuchinski, V. 93978
Pavlycheva, N.K. *see* Nazmeev, M.M. 83347
Pavo, J., Miya, K. Reconstruction of crack shape by optimization using eddy current field measurement 80005
Pavon, J. *see* De La Fuente, L.A. 96503
Pavon, J. *see* Lapierre, M. 96493
Pavuza, F.G., Beszedics, G., Toriser, W., Wawra, M., Winkler, W. An improved electronic drive for small two and four wheel vehicles 90599
Pavuza, F.G., Sommer, T. Selected sample and hold circuits for the digital-to-analog conversion process 92434
Pawar, V. *see* Choi, D. 92428
Pawlak, M. *see* Greblicki, W. 95583
Pawlak, M. *see* Lugosi, G. 74563
Pawlak, M.L. *see* Wolfson, M.M. 77202
Pawlak, N., Rafajlowicz, E. On restoring band-limited signals 95584
Pawlak, R.J. A new neural network architecture for the fusion of independent or dependent sensor decisions 73928
Pawlak, T. *see* Bogert, D. 87641
Pawlak, T. *see* Gyimesi, M. 83506
Pawlecki, H. *see* Shabestari, B.N. 87376
Pawlecki, H. *see* Shabestari, B.N. 87378
Pawloski, C.D. *see* Vittal, V. 89037
Pawlowski, E. *see* Dietrich, E. 97237
Pawlowski, E. *see* Ferstl, M. 50542
Pawlowski, G. *see* Padmanaban, M. 81618
Pawlowski, G. *see* Shih, H.-Y. 81656
Pawlowski, G. *see* Spiess, W. 81620
Pawlowski, J., Kari, B., Liu, Y., Chang, W. BAR-detector with extended field of view for a modular SPECT system 76920
Pawluczyk, R. Holographic diffusers 57007
Pawluk, K., Krauze, U., Kucharska, M. The boundary-integral approach to 3-D open magnetic field influenced by core and screen plates 57051
Paxal, C. *see* Karam, G. 97605
Paxson, V. Growth trends in wide-area TCP connections 74966
Paxson, V. Empirically derived analytic models of wide-area TCP connections 96763
Paye, J., Hulin, D. Ultrafast behavior of optically-nonlinear etalons 73125
Payet, J. *see* Level, M.P. 66833
Payi Qin *see* Qin Payi
Payne, A.N. System modeling for the longitudinal beam dynamics control problem in heavy ion induction accelerators 67034
Payne, B. *see* McMahon, T. 88003
Payne, B. *see* McMahon, T. 88013
Payne, C. *see* Way, J. 77660
Payne, D.A. *see* Tani, T. 63046
Payne, D.A. *see* Toyoda, M. 93726
Payne, D.G. *see* Barnett, M. 58041
Payne, D.N. *see* Atkinson, D. 97238
Payne, D.N. *see* Capmany, J. 72552
Payne, D.N. *see* Dong, L. 94108
Payne, D.N. *see* Hewak, D.W. 56708
Payne, D.N. *see* Hewak, D.W. 63708
Payne, D.N. *see* Hsu, K. 63721
Payne, D.N. *see* Kringlebotn, J.T. 63709
Payne, D.N. *see* Laming, R.I. 50758
Payne, D.N. *see* Laming, R.I. 82580
Payne, D.N. *see* Loh, W.H. 56347
Payne, D.N. *see* Richardson, D.J. 65801
Payne, D.N. *see* Richardson, D.J. 75505
Payne, D.N. *see* Zervas, M.N. 56722
Payne, E. *see* White, F. 62532
Payne, F.P., Lacey, J.P.R. A theoretical analysis of scattering loss from planar optical waveguides 94922
Payne, F.P. *see* Holmes, M.J. 50461
Payne, F.P. *see* Holmes, M.J. 50482
Payne, F.P. *see* Leeson, M.S. 94175
Payne, G.A., Friehe, C.A., Edwards, D.K. Time and frequency response of a resistance-wire aircraft atmospheric temperature sensor 99206
Payne, J., Gannon, J. Leak checker data acquisition system 87038
Payne, J.M., Lamb, J.W., Cochran, J.G., Bailey, N. A new generation of SIS receivers for millimeter-wave radio astronomy 58535
Payne, M.G. *see* DiCillo, J.J. 50909
Payne, P.A. *see* Cheded, L. 73967
Payne, P.A. *see* Chen, Q.X. 67506
Payne, P.A. *see* Hatfield, J.V. 59616
Payne, P.A. *see* Hatfield, J.V. 88879
Payne, P.A. *see* Scales, N.R. 80185
Payne, R. *see* MacKenzie, F. 86469
Payne, R.A. *see* Kashyap, R. 63746
Payne, R.S. *see* Sherman, S.J. 66304
Payne, S.A., DeLoach, L.D., Smith, L.K., Kway, W.L., Tassano, J.B., Krupke, W.F., Chai, B.H.T., Loutts, G. Ytterbium-doped apatite-structure crystals: a new class of laser materials 72720
Payne, S.A., Wilke, G.D., Smith, L.K., Krupke, W.F. Auger upconversion losses in Nd-doped laser glasses 83032
Payne, S.A. *see* DeLoach, L.D. 82963
Payne, S.A. *see* DeLoach, L.D. 94392
Payne, S.A. *see* Marshall, C.D. 94425
Payne, T.M. Signal classification for distributed decision networks with uncertainties and unmodeled class distributions 74113
Pays, G. *see* Diaz, M. 74803
Pays, P.-A. *see* Touvet, J.-C. 96618
Payseur, J.Y. *see* Morgan, D.J. 64360
Payton, P.M. *see* Shen, S.S. 96091
Paz, I. *see* Carl, J.R. 88845
Paz, N.M., Leigh, W., Rogers, R.V. The development of knowledge for maintenance management using simulation 60871
Paz de Araujo, C. *see* Sumi, T. 93798
Paz de Araujo, C.A. *see* Arita, K. 50138
Paz de Araujo, C.A. *see* Fujii, E. 61721
Paz de Araujo, C.A. *see* Hayashi, S. 70489
Paz de Araujo, C.A. *see* McMillan, L.D. 82149
Paz de Araujo, C.A. *see* Melnick, B.M. 63098
Paz de Araujo, C.A. *see* Mihara, T. 82139
Paz de Araujo, C.A. *see* Mihara, T. 92641
Paz de Araujo, C.A. *see* Scott, J.F. 56122
Paz de Araujo, C.A. *see* Scott, J.F. 61938
Paz de Araujo, C.A. *see* Scott, J.F. 93699
Paz de Araujo, C.A. *see* Scott, J.F. 93730
Paz-Pujalt, G.R., Tuschel, D.D., Braunstein, G., Blanton, T., Lee, S.T., Salter, T.M. Characterization of proton exchange lithium niobate waveguides 82666
Pazda, R.J., Clum, K.L. Electrification analysis of a web or sheet moving between pinch rollers 64083
Pazda, R.J., Jones, T.B., Matsubara, Y. General theory for transient charge relaxation in a partially filled vessel 51025
Pazmany, A., Mead, J., McIntosh, R., Hervig, M., Kelly, R., Vali, G. 95 GHz polarimetric radar measurements of orographic cap clouds 88783
Pazmany, A.L., Galloway, J., Popstefanija, I., McIntosh, R.E., Kelly, R., Vali, G. A three millimeter airborne radar for high resolution polarimetric cloud measurements 77405
Pazmany, A.L., McIntosh, R.E. The use of estimation techniques to reduce noncoherent polarimetric measurement errors 97370
Pazmany, A.L., McIntosh, R.E., Kelly, R.D., Vali, G. An airborne 95 GHz dual-polarized radar for cloud studies 77414
Pazzi, G.P. *see* Nikl, M. 80900
Pchel'nikov, Yu.N. *see* Ivanova, N.Ye. 82096
Pchelyakov, O.P., Markov, V.A., Sokolov, L.V. Investigation and control of the surface processes during semiconductor nanostructures formation by MBE 48916
Pcholinskii, A.A. *see* Gerzanich, E.I. 64191
Peach, D. *see* Arefiev, A. 88007
Peach, D. *see* Gasparini, F. 53303
Peach, R. The use of linear programming for the design of SAW filters and filterbanks 71913
Peacock, A. *see* Bavdaz, M. 67408
Peacock, A. *see* Lemke, S. 67298
Peacock, A. *see* Rando, N. 82355
Peacock, J. Measurements of optical transient attenuation losses and their effects on deployed optical systems in the British Telecom network 97231
Peacock, J. *see* Dalgoutte, D.G. 86515
Peacock, J.E. *see* Linkens, D.A. 59397
Peacock, S.J., Rivalle, V., Wright, J.D., Jaggers, H.C. A surface plasmon resonance gas sensor using crown-ether substituted phthalocyanine films 87318
Peak, J.E., Tag, P.M. Segmentation of satellite imagery using hierarchical thresholding and neural networks 99211
Peake, G. *see* Auslander, E. 52401
Pealat, M. *see* Gicquel, A. 70117
Peall, R. *see* Ayliffe, P. 72646
Pean, D., Urquhart, P., Favreau, J.-C. Green upconversion erbium-doped fibre amplifiers pumped into $^4I_{11/2}$: a numerical simulation 50778
Peanasky, M.J. *see* Kish, F.A. 56567
Pearah, P.J., Chen, A.C., Moy, A.M., Kuang-Chien Hsieh, Keh-Yung Cheng AlGaInP multiple quantum wire heterostructure lasers prepared by the strain-induced lateral-layer ordering process 63788
Pearah, P.J. *see* Baillargeon, J.N. 54848
Pearah, P.J. *see* Baillargeon, J.N. 54905
Pearah, P.J. *see* Baillargeon, J.N. 69980
Pearah, P.J. *see* Cheng, K.Y. 63862
Pearce, A., Caelli, T., Bischof, W.F. Rulegraphs for graph matching in pattern recognition 84636
Pearce, A. *see* Chaffey, M.R. 99238
Pearce, A. *see* Stewart, A. 85480
Pearce, A.J. *see* Bond, R.A. 67735
Pearce, C.E.M. *see* Coyle, A.J. 64999
Pearce, C.W., Marshall, G.A., Roman, R.J. An absorbing layer approach to reducing reflections in multilayer metal lithographic processes 55833
Pearce, D.J.B. *see* Holmes, W.J. 84075
Pearce, J., Toole, B. Setup optimization and tools 81052
Pearce, J.A. *see* McMurray, T. 57816
Pearce, J.A. *see* Schulze, M.A. 64623
Pearce, J.A. *see* Schulze, M.A. 84954
Pearce, L.M. *see* Simmons, I.C.P. 57148
Pearce, P.D., Jagodzinski, A.P., Wittamore, K., Mulhall, D., Clarke, D.V., Lewis, D.M., Shepherd, P.M., Lovitsky, V.A. Destiny—understanding how people really work in manufacturing organisations 48620
Pearce, P.R. *see* Davis, J.A. 86907
Pearce, R.E. *see* Marschall, R.A. 99226
Pearce, S.F., Bassett, M.C., Lister, P.F., Grimsdale, R.L. Scalable multimedia hardware for distributed conferencing systems 85915
Pearce, T.C. *see* Gardner, J.W. 58880
Pearce, W.J., Trippe, A.P. Ring beamlines and instrumentation for industrial applications 87755
Pearce, W.J. *see* Trippe, A.P. 62604
Pearce, W.J. *see* Wang, D.Y. 76430
Pearce, W.Jorge *see* Jorge Pearce, W.
Pearcy, T., Nguyen, T.T. Distance protection quadrilateral characteristic adaptive to pre-fault power transfer 78206
Peard, K.A., Donko, Z., Rozsa, K., Szalai, L., Tobin, R.C. Comparison of Cu-II 781 nm lasers using high-voltage hollow-cathode and hollow-anode-cathode discharges 82926
Peard, K.A., Tobin, R.C., Rozsa, K., Donko, Z. A high-voltage hollow-cathode Au-II 282-nm laser 72681
Pearl, A. *see* Litman, A. 87524
Pearl, I.G. *see* Burford, D.P. 89574
Pearlman, W.A. *see* Lu, L. 85000
Pearlman, W.A. *see* Polyak, N. 84846
Pears, N., Probert, P. An optical range sensor for mobile robot guidance 52875
Pearsall, N.M., Robson, N., Thomas, H., Luo, J.K., Hardingham, C.M., Cross, T.A. Annealing of irradiation damage in epitaxial InP homojunction solar cells 100750
Pearsall, N.M. *see* Louineau, J.P. 100020
Pearsall, N.N. *see* Piszczor, M.F., Jr. 99108
Pearson, C., Moore, A.J., Gibson, J.E., Bryce, M.R., Petty, M.C. A field effect transistor based on Langmuir-Blodgett films of an $Ni(dmit)_2$ charge transfer complex 62867
Pearson, C. *see* Caryotakis, G. 67156
Pearson, C. *see* Fowkes, W.R. 62099
Pearson, C. *see* Hoag, H.A. 67100
Pearson, C. *see* Ruth, R.D. 66791
Pearson, C.C. *see* Vlieks, A.E. 67011
Pearson, D.E. *see* Chowdhury, M.F. 74487

Pearson, G.N. *see* Harris, M. 94565
Pearson, G.N. *see* Harris, M. 97442
Pearson, G.W., Krasinski, J.S. Ultra-short pulse performance of the nonlinear loop mirror 72771
Pearson, G.W., Radzewicz, C., Krasinski, J.S. Use of ZnS as a self-focusing element in a self-starting Kerr lens mode locked Ti:sapphire laser 73111
Pearson, G.W. *see* Krasinski, J.S. 72493
Pearson, J. *see* de Vries, B. 73814
Pearson, J.D., Lilley, F., Burton, D.R., Atkinson, J.T., Kshirsagar, S., Search, D.J., Hobson, C.A. Phase-measuring methods for the measurement of three-dimensional shape in automated inspection of manufactured electronic assemblies 69610
Pearson, J.D. *see* Search, D.J. 69601
Pearson, P.J. *see* Geatches, R.M. 71175
Pearson, R. *see* Anders, J.T. 97878
Pearson, R.E. *see* Fuller, L.F. 54384
Pearson, R.E. *see* Mukund, P.R. 54516
Pearson, R.E. *see* van Slooten, J. 54394
Pearson, T.G. *see* Sneiderman, C. 88398
Pearton, S.J. Reactive ion etching of III-V semiconductors 71392
Pearton, S.J. High resolution dry etching of III-V semiconductor materials using magnetically enhanced discharges 93188
Pearton, S.J. Low-energy, ion-enhanced etching of III-V's for nanodevice applications 93225
Pearton, S.J., Abernathy, C.R., Kopf, R.F., Ren, F. Low temperature chlorine-based dry etching of III-V semiconductors 71390
Pearton, S.J., Abernathy, C.R., Kopf, R.F., Ren, F., Hobson, W.S. Comparison of multipolar and magnetic mirror electron cyclotron resonance sources for CH_4/H_2 dry etching of III-V semiconductors 71319
Pearton, S.J., Abernathy, C.R., Ren, F. Low bias electron cyclotron resonance plasma etching of GaN, AlN, and InN 49891
Pearton, S.J., Abernathy, C.R., Ren, F. Dry etching and implantation characteristics of $Al_{0.5}Ga_{0.5}P$ 49906
Pearton, S.J., Abernathy, C.R., Ren, F. Selective area processing of InGaAsP 55723
Pearton, S.J., Abernathy, C.R., Ren, F. Dry patterning of InGaN and InAlN 71318
Pearton, S.J., Abernathy, C.R., Ren, F., Lothian, J.R. Ar^+-ion milling characteristics of III-V nitrides 81219
Pearton, S.J., Chakrabarti, U.K., Ren, F., Abernathy, C.R., Katz, A., Hobson, W.S., Constantine, C. New dry-etch chemistries for III-V semiconductors 62483
Pearton, S.J., Hobson, W.S., Ren, F., Abernathy, C.R., Constantine, C. Dry etched mesas for buried heterostructure InGaAsP/InP lasers using electron cyclotron resonance $Cl_2/CH_4/H_2/Ar$ discharges 63855
Pearton, S.J., Katz, A. Dry etch, integrated processing for micro-and optoelectronics 93180
Pearton, S.J., Ren, F., Abernathy, C.R. Temperature-dependent dry etching characteristics of III-V semiconductors in HBr- and HI-based discharges 55801
Pearton, S.J., Ren, F., Hobson, W.S., Abernathy, C.R., Chakrabarti, U.K. Effects of wet and dry etching and sulphide passivation on surface recombination velocities of InGaP p-n junctions 55788
Pearton, S.J. *see* Abernathy, C.R. 55824
Pearton, S.J. *see* Abernathy, C.R. 93137
Pearton, S.J. *see* Bharatan, S. 91489
Pearton, S.J. *see* Bylsma, R.B. 72804
Pearton, S.J. *see* Fu, S.T. 92527
Pearton, S.J. *see* Ren, F. 56026
Pearton, S.J. *see* Ren, F. 71594
Pearton, S.J. *see* Ren, F. 93351
Pearton, S.J. *see* Wisk, P.W. 48949
Pearton, S.J. *see* Wu, C.S. 92551
Pearton, S.J. *see* Yang, L.W. 55930
Pearton, S.J. *see* Yang, L.W. 62715
Pearton, S.J. *see* Zavada, J.M. 55707
Pease, A. *see* Mehdi, I. 80834
Pease, F. *see* Grenville, A. 62555
Pease, F. *see* Jeong, H.J. 49413
Pease, R.A., Proffitt, J.J. The Signal Loss Advisor—a knowledge-based command decision aid 99408
Pease, R.A. *see* Shields, R. 91869
Pease, R.F. *see* Beale, J. 61989
Pease, R.F.W. *see* Ingino, J. 71440
Pease, R.F.W. *see* Rao, V. 81662
Pease, R.L., Clark, S.D., Cole, P.L., Krieg, J.F., Pickel, J.C. Total dose response of transconductance in MOSFETs at low temperature 71648
Peatman, W.C.B., Brown, E.R., Rooks, M.J., Maki, P., Grimm, W.J., Shur, M. Novel resonant tunneling transistor with high transconductance at room temperature 62899
Peatman, W.C.B., Park, H., Gelmont, B., Shur, M., Maki, P., Brown, E.R., Rooks, M.J. Novel metal/2-DEG junction transistors 62892
Peatman, W.C.B., Park, H., Shur, M. Two-dimensional metal-semiconductor field effect transistor for ultra low power circuit applications 71711
Peatross, T., Chaloupka, J.L., Meyerhofer, D.D. High-order harmonic generation with an annular laser beam 64000
Peaty, S. *see* Horner, M. 90881
Peccoud, L. *see* Planson, D. 81328
Pecek, D. *see* Torkar, D. 58517
Pechen, E.V. *see* Schonberger, R. 82796
Pechenkin, S.P. *see* Sterman, L.S. 89666
Pechinkin, A.V. Service characteristics in the system GI/GI/1/∞ with a last come, first serve preemptive repeat priority discipline 48746
Pechman, R.J. *see* Rioux, D. 81502
Pechstedt, R.D., Webb, D.J., Jackson, D.A. Optical fibre accelerometers for high temperature applications 87211
Pechstedt, R.D. *see* Rathod, R. 52881
Pecht, M., Cushing, M., Hakim, E. Design approach to reliable microelectronic packages 90964
Pecht, M. *see* Hu, J.M. 69568
Pecht, M. *see* Rudra, B. 79325
Pecht, M.G. Design for qualification 54444
Pecht, M.G., Nash, F.R. Predicting the reliability of electronic equipment [and prolog] 69629
Pecht, M.G. *see* Condra, L.W. 54631
Pecina, I. *see* Fomichev, A.S. 53328
Peck, C.S. *see* Hagerty, S.P. 74361
Peck, D. *see* Cozzio, R. 59844
Peck, J.P., Burrows, J. On-line condition monitoring of rotating equipment using neural networks 75861
Peck, P.R., Jhon, M.S., Simmons, R.F., Jr., Janstrom, T.J. Mathematical modeling of lubrication for the head-disk interface using incompressible fluids 63224
Peck, P.R., Kono, R.-N., Jhon, M.S., Karis, T.E. A novel accelerated wear test for magnetic recording disks 50320
Peck, P.R. *see* Jhon, M.S. 72143
Peck, S.D. Analysis of a cross flow cooling scheme for an SSC collider dipole magnet 87683
Peck, S.D., Zeigler, J.C. Test results for a subscale (100 kA) SMES splice 89290
Peck, S.R. *see* Grimes, G.J. 94314
Peck, W.F., Jr. *see* Eisaki, H. 72221
Peck, W.M. *see* Kunkel, S.H. 92705
Peckerar, M., Rebbert, M., Gopalakrishnan, G. High aspect ratio resist structures for optoelectronic (and other) applications 62602
Peckerar, M.C. *see* Chu, W. 49927
Peckerar, M.C. *see* Dobisz, E.A. 81599
Peckerar, M.C. *see* Shirey, L.M. 81598
Peckerar, M.C. *see* Witczak, S.C. 71218
Peckham, C.D. *see* Haimovich, A.M. 74380
Peckham, J. The SUNDIAL project P2218, final report 64333
Peckham, P.H. *see* Memberg, W.D. 88554
Peckinpaugh, S.H., Holyer, R.J. Circle detection for extracting eddy size and position from satellite imagery of the ocean 77503
Pecora, A. *see* Fortunate, G. 81876
Pecora, A. *see* Fortunato, G. 50001
Pecora, L.M. *see* Heagy, J.F. 91933
Pecora, L.M. *see* Skorupka, C.W. 55393
Pecoraro, M.L., Hugus, G.D. The development of an in-line hydrophone for a sea-bottom array with a unique 0-3 composite sensor element 97461
Pecz, B., Radnoczi, G., Barna, P.B. Solid phase reactions in the Au/InP system studied by TEM 81356
Pedersen, A., Crichton, G.C., McAllister, I.W. Recent advances in the theory of PD-transients 82113
Pedersen, B. Small-signal erbium-doped fibre amplifiers pumped at 980 nm: a design study 50756
Pedersen, B. *see* Wang, Y.H. 94921
Pedersen, F. *see* Bengtsson, E. 51657
Pedersen, F. *see* Krejcik, P. 76509
Pedersen, F. *see* Krejcik, P. 87900
Pedersen, H. *see* Jessen, K.E. 51947
Pedersen, H.M. *see* Lokberg, O.J. 83353
Pedersen, J.F., Schay, G.A., Avallone, G.S., Hannan, P.W. MILSTAR reflector antennas with electronic tracking feeds 83883
Pedersen, J.K., Blaabjerg, F. Digital quasi-random modulated SFAVM PWM in an AC-drive system 90527
Pedersen, J.K. *see* Blaabjerg, F. 80134
Pedersen, J.K. *see* Blaabjerg, F. 90574
Pedersen, J.K. *see* Blaabjerg, F. 100288
Pedersen, J.K. *see* Blaabjerg, F. 100861
Pedersen, J.K. *see* Trzynadlowski, A.M. 68780
Pedersen, J.K. *see* Trzynadlowski, A.M. 90529
Pedersen, J.P., Guneriussen, T., Johansen, B. Application of ERS-1 SAR data in combination with Landsat and SPOT data for forestry mapping in a Norwegian forest region 77658
Pedersen, L. *see* Millar, C.E. 61417
Pedersen, N.F. *see* Doderer, T. 93928
Pedersen, N.F. *see* Holm, J. 56270
Pedersen, N.F. *see* Kaplunenko, V.K. 80557
Pedersen, N.F. *see* Kleiner, R. 82372
Pedersen, N.F. *see* Ovsyannikov, G.A. 82363
Pedersen, N.F. *see* Ustinov, A.V. 63325
Pedersen, P.A. *see* Hahn, K.H. 72454
Pedersen, R.J. *see* Xiupu Zhang 50943
Pedersen, R.J.S. *see* Petersen, A.K. 86505
Pedersini, F., Tubaro, S., Rocca, F. Camera calibration and error analysis. An application to binocular and trinocular stereoscopic system 57775
Pedersini, F. *see* Migliorati, P. 84946
Pederson, N.F. *see* Ovsyannikov, G.A. 50417
Pedis, D.De *see* De Pedis, D.
Pedlingham, H.A. *see* Hughes, J.R. 98226
Pedram, M. Power estimation and optimization at the logic level 80299
Pedram, M. *see* Chi-Ying Tsui 80268
Pedram, M. *see* Chi-Ying Tsui 92095
Pedram, M. *see* Chi-Ying Tsui 92146
Pedram, M. *see* Iman, S. 91703
Pedram, M. *see* Lai, Y.-T. 79634
Pedram, M. *see* Lai, Y.-T. 92020
Pedram, M. *see* Marculescu, R. 92153
Pedraza, A.J. *see* DeSilva, M.J. 93252
Pedrazzi, P. *see* Caviglia, D.D. 55358
Pedrini, C. *see* Kalisky, Y. 94423
Pedrini, G. *see* Zou, Y. 94683
Pedro, A.A. Smelting zirconium electrocorundum 79008
Pedro, J.C. A physics-based MESFET empirical model 81988
Pedro, J.C., Perez, J. Design techniques for low in-band intermodulation distortion amplifiers 55395
Pedrolli, F. *see* Pignatel, G.U. 58750
Pedroni, V.A. Highly linear high-density vector quantiser and vector-matrix multiplier 61821
Pedroni, V.A. Neural n-port voltage comparator network 92444
Pedroso, A.S. *see* Daldegan, J., Jr. 89858
Pedrotti, K. A review of recent optoelectronic integrated circuits 72652
Pedrotti, K. *see* Liao, H.H. 75491
Pedrotti, L. *see* Deis, G. 87958
Pedrotti, L. *see* Heim, J. 88070
Pedrow, P.D. *see* Jonson, E.S. 53767
Pedrycz, W. *see* Collett, M. 85376
Pedrycz, W. *see* Diamond, J. 49294
Pee-Yew Lee *see* Hong-Ming Lin 87325
Peek, H. *see* Centen, P. 97689
Peek, H. *see* Van De Steeg, M. 87284
Peek, H.L., Theuwissen, A.J.P., Kokshoorn, A.L., Daemen, E.J.M. Groove-fill of tungsten and poly-Si membrane technology for high performance (HDTV) FT-CCD imagers 97643
Peek, H.L. *see* Bosiers, J.T. 66077
Peek, H.L. *see* Bosiers, J.T. 87283
Peek, H.L. *see* Daemen, N. 87290
Peek, H.L. *see* Hurkx, G.A.M. 62853
Peek, H.L. *see* Schaeffer, C.J. 66467
Peelers, A. *see* van Berkel, K. 97735
Peelo, D.F., Hein, D.W., Peretti, F. Application of a 138 kV 200 MW braking resistor 77889
Peen-Pau Cheng *see* Wen-Rong Wu 73963
Peeran, S.M., Cascadden, C.W.P. Application, design and specification of harmonic filters for variable frequency drives 68217
Peercy, M.S. Linear color representations for full spectral rendering 57575
Peet, F. *see* Jianping Li 88467
Peet, W.J., Leung, T.K.P. Dynamic simulation application in modern power plant control and design 60090
Peet, W.J., Leung, T.K.P. Improved drum level control for load cycling 60091
Peeters, A. *see* Van Berkel, K. 55048
Peeters, E., Lapadatu, D., Puers, R., Sansen, W. PHET, an electrodeless photovoltaic electrochemical etchstop technique 81482
Peeters, F.M. *see* Leadley, D.R. 81280
Peeters, J., Beyne, E. Broadband modeling and transient analysis of MCM interconnections 79316
Peeters, J., Beyne, E., Brandli, G. A broad band loss model for MCM interconnections 54523
Peeters, J. *see* Beyne, E. 91063
Peeters, S., Offeciers, F.E., Moeneclaey, L. The Laura cochlear implant programmed with the continuous interleaved strategy and phase-locked continuous interleaved 98959
Peeters, S. *see* Frijns, J.H.M. 59255
Pegel, I.V. *see* Gabanov, V.P. 90182
Pegel', I.V. *see* Korovin, S.D. 71038
Peggs, J.F., Powell, P.W., Grebe, T.E. Innovations for protection and control of high voltage capacitor banks on the Virginia power system 89365
Peggs, S., Tepikian, S., Trbojevic, D. A first order matched transition jump at RHIC 66890
Peggs, S. *see* Carrigan, R.A., Jr. 59039
Peggs, S. *see* Gabella, W. 98445
Peggs, S. *see* Gabella, W.E. 66912
Peggs, S. *see* Harfoush, F.A. 66945
Peggs, S. *see* Satogata, T. 66919
Peggs, S. *see* Skan, J.P. 66848
Peggs, S. *see* Tepikian, S. 98415
Peggs, S. *see* Trbojevic, D. 98408
Peggs, S. *see* Trbojevic, D. 98416
Peggs, S. *see* Wei, J. 66918
Peggs, S.G. *see* Shan, J.P. 66861
Peghaire, A. *see* Bootsma, T.M.V. 98638
Pegler, D. *see* Lougher, P. 74981
Pegram, R.B., III *see* Wang, Z. 84225
Peha, J.M., Tobagi, F.A. Analyzing the fault tolerance of double-loop networks 96289
Pehl, R. *see* Adachi, R. 88218
Pehl, R.H. *see* Luke, P.N. 88057

Pehl, R.H. *see* Luke, P.N. 98869
Pehlke, D. *see* Ng, G.I. 55925
Pehlke, D. *see* Ng, G.I. 93329
Pehlke, D.R., Pavlidis, D. New analytic determination of f_T, f_{MAX} and the frequency dependence of current gain and power gain in HBTs 61931
Pehlke, D.R. *see* Samelis, A. 62720
Pehrson, B. MultiG— distributed multimedia applications in high-speed and mobile networks 97083
Pei, J., Larson, R. Miniaturization of cooling components—an overview 79394
Pei, J. *see* Degertekin, F.L. 93104
Pei, J. *see* Donohue, B.F. 79395
Pei, J. *see* Saraswat, K.C. 62352
Pei, Q. *see* Parker, I.D. 82829
Pei, S.S. *see* Lee, S.W. 63610
Pei, S.S. *see* Woodward, T.K. 63617
Pei, S.S. *see* Yang, L.W. 62715
Pei, X. Longitudinal RF matching during AGS-RHIC beam transfer 67204
Pei, X., Anderson, S., Jenner, D., McCammon, D., Sloan, T. A wide tuning range RF cavity with external ferrite biasing 67235
Pei, X. *see* Ellison, M. 66909
Pei, X. *see* Syphers, M.J. 66966
Pei, X. *see* Wang, Y. 66910
Pei De Tao *see* Jian Ping Wang 55491
Pei Jianfa *see* Jianfa Pei
Pei Jun *see* Jun Pei
Pei Kang Huang *see* Hong Cheng Yin 76157
Pei Lai Jin *see* Jin Pei Lai
Pei Liwei *see* Liwei Pei
Pei Shin *see* Shin Pei
Pei Shin-Shem *see* Shin-Shem Pei
Pei Soo-Chang *see* Soo-Chang Pei
Pei Xian-Deng, Zhang Sheng-Hua, Zhao Yong-Long Test study of characteristics of precise superminiature magnetoresistive readout transducer 56217
Pei Xiandeng *see* Zhang Shenghua 93888
Pei Yunqing, Chang Qian, Wang Zhaoan A general simulation method for induction motor drive system 100812
Pei Zhongdi, Wang Linghui, Wang Jirong Development of SCADA systems for local power control centres 68057
Pei-Chen Lo, Matsuo, F. EEG data acquisition using a hand-held scanner 88512
Pei-De Zhou *see* Zhou Pei-De
Pei-Fen Chou *see* Cheng-Tung Lin 71171
Pei-Haw Tsao *see* Voloshin, A.S. 91041
Pei-Liang Chang *see* Varshney, P.K. 96122
Pei-Ling Liu, Tseng-Hwa Song, Tsung-Tsong Wu Application of system identification to the absolute calibration of acoustic emission signals 99384
Pei-Min Chi *see* Yu-De Lin 92482
Pei-Ran Zhu *see* Ke-Ming Wang 93116
Pei-Ran Zhu *see* Ke-Ming Wang 93134
Pei-ran Zhu *see* Qing-tai Zhao 55716
Pei-ran Zhu *see* Tian-bing Xu 55715
Pei-Xia Xu *see* Xu Pei-Xia
Pei-Xiang Lu *see* Lu Pei-Xiang
Pei-Yang Hsiao *see* Ray-I Chang 80035
Pei-Yih Ting, Iltis, R.A. Diffusion network architectures for implementation of Gibbs samplers with applications to assignment problems 70807
Pei-Yih Ting *see* Bor-Shenn Jeng 95296
Pei-Yung Hsiao *see* Jin-Tai Yan 49064
Pei-Yung Hsiao *see* Jin-Tai Yan 70277
Pei-Yung Hsiao *see* Jin-Tai Yan 80038
Pei-Yung Hsiao *see* Ray-I Chang 70241
Pei-Yung Hsiao *see* Ray-I Chang 91801
Pei-Zong Lee, Fang-Yu Huang An efficient prime-factor algorithm for the discrete cosine transform and its hardware implementations 74190
Peichen Pan, Weiping Shi, Liu, C.L. Area minimization for hierarchical floorplans 91832
Peichot, J.P. *see* Dugas, J. 63378
Peida Ye *see* Hong Wang 86494
Peida Ye *see* Ruomei Mu 86495
Peida Ye *see* Xiongyan Tang 56367
Peida Ye *see* Xiongyan Tang 63406
Peida Ye *see* Xiongyan Tang 65813
Peida Ye *see* Xiongyan Tang 86342
Peida Ye *see* Xiongyan Tang 86496
Peida Ye *see* Xiongyan Tang 97263
Peida Ye *see* Ye Peida
Peida Yei *see* Yei Peida
Peier, D., Senftleben, H., Welge, M.K. Undertaking innovation planning—comparison between analytical and systemic models 53658
Peier, D. *see* David, E. 98995
Peier, D. *see* Jendernalik, L. 94857
Peifer, H.J. *see* Abramo, A. 81195
Peifu Gu *see* Xiaoyong Li 59238
Peigneux, J.P. *see* Buyanov, O.V. 98501
Peihsin Tsien *see* Tsien Peihsin
Peihua Dai, Youzhu Zhang, Sarachik, M.P. Critical behavior of the Hall coefficient of Si:P at the metal-insulator transition 62151
Peihui Liang *see* Jianqiu Lei 94363
Peihui Liang *see* Liang Peihui
Peijian An, Lahu Wang, Aifen Yang The research on optical-electric pattern recognition of distortion invariance by dynamic filtering 74355
Peile, R.E. On the performance and complexity of a generalized minimum distance Reed-Solomon decoding algorithm 83976
Peilin Luo Electronics as new revolutionary factor in culture industry 69658
Peilu Wang *see* Sixiao Zheng 53241
Peilu Wang *see* Sixiao Zheng 53242
Peilu Wang *see* Wang Peilu
Peiming Wang *see* Wang Peiming
Pein, H. *see* Merchant, S. 55973
Pein, H.B., Plummer, J.D. Performance of the 3-D sidewall flash EPROM cell 92184
Peinado-Herreros, A.M. *see* Diaz-Verdejo, J.E. 73815
Peinecke, V. *see* Ledjeff, K. 54148
Peinelt, W. *see* Vollmer, E. 86867
Peiner, E. *see* Hansen, K. 92945
Peiner, E. *see* Klockenbrink, R. 62480
Peiner, E. *see* Lubnow, A. 69986
Peiniger, M. *see* Dasbach, D. 67148
Peinl, P., Kroll, C. The design of a platform for mobile data communication 97110
Peinl, P. *see* Kroll, C. 85326
Peiponen, K.-E., Silvennoinen, R., Savander, P., Asakura, T. Microlens array in surface curvature inspection of cold-rolled aluminium 91114
Peiponen, K.-E., Silvennoinen, R., Uozumi, J., Savolainen, M., Asakura, T. Prefractals in optical information coding 84932
Peippo, K., Lund, P.D. Optimal sizing of grid-connected PV-systems for different climates and array orientations: a simulation study 100019
Peiqing Wang *see* Wang Peiqing
Peiqing Xue *see* Xue Peiqing
Peir, D. *see* Engel, K. 53789
Peir Jinn-Jer *see* Jinn-Jer Peir
Peire, J. *see* Azcondo, F.J. 93763
Peiris, V. *see* Thiran, P. 61846
Peiro, F., Cornet, A., Morante, J.R. On the occurrence of phase separation in InGaAs/InP systems 81306
Peirong Gong *see* Xiaowei Yao 71883
Peise, J. *see* Gabler, A.R. 67416
Peiser, S. *see* De Bievre, P. 86970
Peisert, A. *see* Masciocchi, S. 59137
Peisheng Xin *see* Xin Peisheng
Peiti Feng *see* Feng Peiti
Peitzmann, T. *see* Kampert, K.-H. 98503
Peix, G. *see* Zhu, P. 87533
Peixian Ye *see* Jiasen Zhang 83267
Peixian Ye *see* Yingwu Lian 56860
Peixin Zhong *see* Shulin Gu 61363
Peixoto, C.A.O. *see* de Decker, D. 78067
Peiying Dai *see* Dai Peiying
PeiZong Lee, Fang-Yu Huang Restructured recursive DCT and DST algorithms 74066
Pejchl, D., Mullerova, I., Frank, L., Kolarik, V. Separator of primary and signal electrons for very low energy SEM 49756
Pejovic, M., Golubovic, S., Ristic, G., Odalovic, H. Temperature and gate bias effects on gamma-irradiated Al-gate metal-oxide-semiconductor transistors 49977
Pejovic, M. *see* Golubovic, S. 71665
Pejovic, P., Maksimovic, D. A method for fast time-domain simulation of networks with switches 100215
Pek Tong Tan *see* Tan Pek Tong
Peka, H.P., Pulemyotov, D.A., Radzivilyuk, V.A. New features of injection phenomena in graded semiconductor structures with intervalley cross-over 49807
Pekarek, L. *see* Stepanek, B. 54815
Pekarsky, G.Sh. Nuclear (neutron) methods and means in explosive detection and identification 53586
Pekeler, M. *see* Kirchgessner, J. 67104
Pekergin, N. *see* Fourneau, J.-M. 74670
Pekola, J. *see* Tervonen, E. 83364
Pekola, J.P. *see* Alles, H. 58860
Peksa, L., Grepl, M. Temperature measurement of samples for study of outgassing by means of a pendulum 98336
Pelaez, C.Enrique *see* Enrique Pelaez, C.
Pelagatti, M. The basis of protection against explosion due to electrical discharges 79218
Pelagotti, A. *see* Alippi, C. 99138
Pelanchon, F. *see* Bruguier, G. 71571
Pelayo, J. *see* Alonso, R. 87244
Pelayo, J. *see* Blasco, P. 82611
Pelayo, J. *see* Subias, J. 72337
Pelaz, L., Orantes, J.L., Vincente, J., Bailon, L.A., Barbolla, J. The Poole-Frenkel effect in 6H-SiC diode characteristics 49952
Pelc, A. *see* Chiebus, B.S. 51761
Peled, A., Weiss, V., Shalgi, A., Friesem, A.A. Resolution capabilities of photodeposited holographic gratings 73163
Peled, A., Zohar, J., Gavan, J. A unified method for design and analysis of analog/digital fiber optic communication links 65779
Peled, A. *see* Mirchina, N.R. 50114
Peled, A. *see* Mirchina, N.R. 64097
Peled, A. *see* Weiss, V. 83365
Peleg, D. *see* Awerbuch, B. 96284
Peleg, D. *see* Kortsarz, G. 85570
Peleg, N. *see* Bareket, R. 74521
Peleg, S., Friedlander, B. Signal estimation using the discrete polynominal transform 84505
Peleg, S. *see* Irani, M. 84811
Peleg, S. *see* Irani, M. 95686
Peleganchuk, S.V. *see* Aulchenko, V.M. 67341
Peleznev, A.V. *see* Livshits, A.M. 71735
Pelfer, P.G. *see* Beaumont, S.P. 88037
Pelfer, P.G. *see* Dubecky, F. 81358
Pelgrom, M.J.M., v. Rens, A.C.J., Vertregt, M., Dijkstra, M.B. A 25-Ms/s 8-bit CMOS A/D converter for embedded application 80401
Pelikant, A. *see* Komeza, K. 83582
Pelillo, M., Refice, M. Learning compatibility coefficients for relaxation labeling processes 84741
Pelillo, M. *see* Abbattista, F. 83988
Pelino, M., Cantalini, C., Faccio, M. Principles and applications of ceramic humidity sensors 97950
Pelino, M. *see* Cantalini, C. 66537
Pelissier, S. *see* Pigeon, F. 87231
Pellag, J. *see* Zalkind, S. 81350
Pellandini, F. *see* Grisoni, L. 70253
Pellandini, F. *see* Moser, V. 49090
Pelleg, J., Sinder, M. Theoretical analysis of dopant redistribution in silicon after implantation through an SiO_2 mask 81436
Pelleg, J., Zalkind, S., Zevin, L., Ditchek, B.M. Silicide formation in the Co-Si system by rapid thermal annealing 81361
Pellegretti, P., Salvatico, M., Serpico, S.B. Change detection in remote-sensing images by the region-overlapping technique 57785
Pellegretti, P., Serpico, S.B., Vernazza, G. Generation of land-cover descriptions for the classification of multisensor remote-sensing images 67893
Pellegretti, P. *see* Serpico, S.B. 77226
Pellegrini, C., Barov, N., Hartman, S.C., Park, S., Rosenzweig, J., Travish, G., Zhang, R., Davis, P., Joshi, C., Hairapetian, G. Initial operation and beam characteristics of the UCLA S-band RF photo-injector 76425
Pellegrini, C. *see* Barov, N. 76633
Pellegrini, C. *see* Davis, P. 76744
Pellegrini, C. *see* Hairapetian, G. 76749
Pellegrini, C. *see* Hartman, S.C. 66998
Pellegrini, C. *see* Kim, K.-J. 63874
Pellegrini, C. *see* Park, S. 67270
Pellegrini, C. *see* Tatchyn, R. 63889
Pellegrini, C. *see* Tran, P. 66892
Pellegrini, C. *see* Winick, H. 63870
Pellegrini, C. *see* Winick, H. 83178
Pellegrini, C. *see* Zhang, R. 66795
Pellegrini, F. Bounds for the bandwidth of the d-ary de Bruijn graph 57376
Pellegrini, J. *see* Dusa, M.V. 87519
Pellegrini, J. *see* Mirth, G. 81681
Pellegrini, J.C. *see* Flack, W.W. 71513
Pellegrini, P.F., Frassinetti, M., Leoncino, F., Palombo, P., Ciolli, P., Pandolfini, P. Optic-flow based techniques implementation for landslide motion estimation 57800
Pellegrini, P.F., Palombo, P., Leoncino, F., Cuomo, S., Frassinetti, M., Piazza, E. Moving object detection and tracking in airport surface radar images 57803
Pellegrini, P.W. *see* Jimenez, J.R. 62654
Pellegrini, R. *see* Pani, R. 88044
Pellegrino, G. Standards for information technology 65403
Pellegrino, M. *see* Menna, P. 91546
Pellegrintti, G., Bentsman, J. H_∞ controller design for boilers 89580
Pellen, A.T. *see* Forst, V.J. 96586
Peller, S. *see* Bistritz, Y. 73832
Pellet, C. *see* Mosleh, N. 61391
Pellet, P. *see* Ballay, L. 67647
Pelletier, E. *see* Flory, F. 58989
Pelletier, J., Lagarde, T. Chemical vapor deposition in high-density low-pressure plasmas: reactor scale-up and performance 48980
Pelletier, J. *see* Belkacem, A. 48987
Pelletier, J. *see* Pons, M. 49925
Pelletier, J. *see* Pons, M. 55759
Pelletier, J.-M., Boyer, A. SESA an expert system for auxiliary power services design 99801
Pelletier, M. *see* Habel, R.A. 86591
Pelletier, P. *see* Brochu, J. 68060
Pelletier, P. *see* Habashi, K. 68066
Pelletier, R. *see* Pelletier-Allard, N. 94391
Pelletier, R.V., McLeod, R.D. Loop based design for wafer scale systems 80207
Pelletier-Allard, N., Pelletier, R., Tiseanu, C., Lupei, A. Energy transfer investigations through satellite structure in Nd doped yttrium aluminium perovskite 94391
Pelley, P. *see* Hayden, J.D. 63040
Pelliccia, V. *see* Khabbaz, B. 86221
Pelliccioni, M. *see* Babusci, D. 67254
Pelliccioni, M. *see* Esposito, A. 76388
Pellieux, L., Gulli, C., Leroyer, P., Piedecocq, B., Leger, A., Menu, J.P. Experimental approach to 3D sound: methodology and preliminary results 97722
Pellinen-Wannberg, A., Wannberg, G. Meteor observations with the European incoherent scatter UHF radar 75697
Pellizzari, T., Ritsch, H. Preparation of stationary Fock states in a one-atom Raman laser 72687
Pellizzoni, R., Spalvieri, A. Binary multilevel coset codes based on Reed-Muller codes 73663
Pelloie, J.L. *see* Ferlet-Cavrois, V. 70471

Pelloie, J.L. *see* Flament, O. 70769
Pelly, D. *see* Chen, M. 67340
Pel'menev, A.G. *see* Shekhtman, V.N. 83380
Pelon, J. *see* Bruneau, D. 75648
Pelosi, C. *see* Gennari, S. 71120
Pelosi, C. *see* Lazzarini, L. 79826
Pelosi, G., Manara, G., Monorchio, A., Coccioli, R. A perturbative approach to the scattering from a perfectly conducting wedge with a crack or gap in one of its faces 94791
Pelosi, G. *see* Calamia, M. 73262
Pelosi, G. *see* Cecchini, R. 48601
Pelosi, G. *see* Croswell, W.F. 94771
Peloso, R.A. NTSC ghost canceling 75724
Pelouard, J.-L. *see* Mosko, M. 62284
Pelouch, W.S., Herrera, S., Schlie, L.A., Powers, P.E., Tang, C.L. Femtosecond optical parametric oscillators 73110
Pelter, A. *see* Haynes, D.M. 56438
Peltier, F. *see* Hoang Gia Ky 82461
Peltola, D.W. *see* Beck, K.L. 78304
Pelton, J.N. *see* Iida, T. 65719
Peltoranta, M., Pfurtscheller, G. Neural network based classification of non-averaged event-related EEG responses 53438
Peluso, G. *see* Cristiano, R. 63296
Peluso, G. *see* Cristiano, R. 63311
Peluso, G. *see* Parlato, L. 88306
Pelzer, W., Schempp, A. Matching of an RFQ to the VICKSI cyclotron 67252
Pelzl, G. *see* Yaroshchuk, O.V. 73143
Pemble, M.E. *see* Abdul-Ridha, H.H. 70136
Pemble, M.E. *see* Armstrong, S.R. 48955
Pemble, M.E. *see* Armstrong, S.R. 49912
Pen, E.F. *see* Shelkovnikov, V.V. 57018
Pen Qien *see* Lu Liwu 81329
Pena, J.L. *see* Zapata-Navarro, A. 55562
Pena, J.M. *see* Carnicer, J.M. 54724
Pena, J.M.S. *see* Oton, J.M. 94207
Pena, T.F., Zapata, E.L., Evans, D.J. Finite element simulation of semiconductor devices on multiprocessor computers 81756
Penafiel, P. *see* Namazi, N.M. 84775
Penalver, J. *see* Baars, J.W.M. 58526
Penard, E. *see* Cadiou, J.F. 92515
Penard, E. *see* Devaux, F. 82721
Penard, E. *see* Murgulescu, M.-H. 49636
Penard, E. *see* Murgulescu, M.-H. 70861
Penard, E. *see* Murgulescu, M.-H. 92601
Pence, J. *see* Anholt, R. 93333
Pence, J. *see* Matloubian, M. 61935
Penchev, O. *see* Iordanova, I. 67319
Penco, R. *see* della Corte, A. 82441
Penco, R. *see* Dormicchi, O. 82486
Penco, R. *see* Negrini, F. 82472
Penco, R. *see* Seyfert, P. 94014
Pendarakis, D.E. *see* Lazar, A.A. 95698
Pender, J.T. *see* Buie, M.J. 62422
Pender, L.F. *see* Swan, S.A. 99299
Pendergast, M. *see* Hayne, S. 52073
Penders, M.T.M. *see* Jansen, J.K.M. 61157
Pendharkar, S.V., Wolfe, J.C. Tungsten trench etching in a magnetically enhanced triode reactor 62415
Pendleton, R.P. *see* Schwarz, H.D. 67134
Pendrill, L.R. Density and polarisability of helium gas and the Boltzmann constant 87565
Pendse, R. *see* Matta, F. 91043
Pendse, R.D. *see* Karnezos, M. 60966
Pene, P. *see* Meynaud, P. 59900
Penescu, M. *see* Mester, A. 62144
Penetrante, B.M. *see* Eder, D.C. 63677
Penfield, S.R., Jr., Pause, G.R., Burger, J.M., Zugibe, K.J. Economic potential of the gas turbine modular helium reactor 78287
Peng, A.C. *see* Solak, M.K. 54650
Peng, C.-J., Hu, H., Krupanidhi, S.B. Barium strontium titanate thin films by multi-ion-beam reactive sputtering technique 54945
Peng, C.H., Desu, S.B. Structure development study of $Pb(Zr,Ti)O_3$ thin films by an optical method 71854
Peng, C.H. *see* Hendricks, W.C. 54944
Peng, C.K. *see* Hwang, H.-P. 55886
Peng, C.Y. *see* Liu, A.K. 67846
Peng, C.Y. *see* Liu, A.K. 77426
Peng, E.T., Ahmed, S.F., Su, C.B. Frequency stabilization of a traveling-wave semiconductor ring laser using a fiber resonator as a frequency reference 50897
Peng, F.-Z., Fukao, T. Robust speed identification for speed sensorless vector control of induction motors 68608
Peng, F.-Z. *see* Tungpimolrut, K. 68609
Peng, F.-Z. *see* Tungpimolrut, K. 89986
Peng, F.Z., Kohata, M., Akagi, I. Compensation characteristics of shunt active and series active power filters 88961
Peng, G.D., Chu, P.L. Design and fabrication of birefringent splittable composite (BISPEC) fibre for polarisation-maintaining devices 50480
Peng, G.D., Chu, P.L., Ankiewicz, A. Soliton propagation in saturable nonlinear fibre couplers—variational and numerical results 50496
Peng, G.D. *see* Chu, P.L. 63994
Peng, G.D. *see* Hatami-Hanza, H. 50924
Peng, H., Blair, D.G., Ivanov, E. An ultrahigh sensitivity sapphire transducer for vibration measurements 66293
Peng, H., Blair, D.G., Ivanov, E. A high sensitivity sapphire transducer for vibration measurements 87097
Peng, J.Zezhong *see* Zezhong Peng, J.
Peng, L.J. *see* Lo, K.L. 59734
Peng, S.-T. *see* Wen-Teng Lo 92461
Peng, S.T., Shiao, C.M. Scattering of plane waves by metallic gratings 83642
Peng, S.W. *see* Yan, L.G. 90456
Peng Bo *see* Bo Peng
Peng Fang *see* Jack Zezhong Peng 61693
Peng Fang *see* Quader, K.N. 56076
Peng Fang-Zheng *see* Fang-Zheng Peng
Peng Fei Shi *see* Ying Shan 95936
Peng Gong, Miller, J.R., Spanner, M. Forest canopy closure from classification and spectral mixing of scene components: multi-sensor evaluation of application to an open canopy 77598
Peng Gong, Miller, J.R., Spanner, M. Forest canopy closure from classification and spectral unmixing of scene components—multisensor evaluation of an open canopy 88866
Peng Gong *see* Chung, C.-J.F. 77227
Peng Gwo-Sheng *see* Gwo-Sheng Peng
Peng Hui *see* Hui Peng
Peng Jack Zezhong *see* Jack Zezhong Peng
Peng Ji-Ming, Yuan Ya-Xiang Ψ_α-function and Broyden's family 69909
Peng Jia-Xiong *see* Jia-Xiong Peng
Peng Jian *see* Jian Peng
Peng Jiang, Zhong Yang, Weiqun Cheng CTA frequency changer controlled by a 16-bit microprocessor 100224
Peng Jiangde *see* Jiangde Peng
Peng Jishen *see* Chen Zhenshi 100225
Peng Jishen *see* Chi Yan 100816
Peng Jun *see* Jun Peng
Peng Lu *see* Kannan, D. 48890
Peng Qunsheng *see* Qunsheng Peng
Peng Rong *see* Rong Peng
Peng Ruiwu, Ding Yongqing, Wei Guangyu Characterization of CdTe and HgCdTe epilayers by hot wall MOCVD 79870
Peng Seng Toh *see* Toh Peng Seng
Peng Shiesen *see* Shiesen Peng
Peng Sotli *see* Sotli Peng
Peng Wen-Ji *see* Wen-Ji Peng
Peng Xiaohang *see* Xiaohang Peng
Peng Xingjiong *see* Xingjiong Peng
Peng Xiyuan *see* Gao, X.M. 95447
Peng Ying-Ning *see* Sun Xin 75539
Peng Yingning *see* Liu Qingguang 97381
Peng Zebo *see* Zebo Peng
Peng Zenfu *see* Xue Fangshi 62134
Peng Zhaolian *see* Chen Tao 81850
Peng Zuo *see* Zuo Peng
Peng Zuoyan *see* Zhao Shanqi 76106
Peng-Gang Zhang, Irvine-Halliday, D. Measurement of the beat length in high-birefringent optical fiber by way of magnetooptic modulation 63368
Peng-Seng Toh *see* Wee-Soon Ching 73789
Peng-Seng Toh *see* Wee-Soon Ching 95946
Peng-Wie Hsia *see* Kuelz, K.W. 77040
Peng-Ye Wang *see* Garreau, J.C. 65814
Peng-Yeng Yin, Ling-Hwei Chen A new method for multilevel thresholding using symmetry and duality of the histogram 95905
PengFei Shi *see* Shi PengFei
Pengfei Zhang *see* Zhang Pengfei
Pengfei Zhu, Chirlian, P.M. A nonlinear algorithm for critical point detection 57817
Pengg, F.X. *see* Dierickx, B. 67378
Penggen Xu *see* Xu Penggen
Pengj Zhai *see* Zhai Pengj
Pengju Kang *see* Kang Pengju
PengLi *see* Chang-Tai Yu 81682
Pengxiang Ma *see* Ma Pengxiang
Pengxun Yan, Si-Ze Yang Pulse plasma deposition of cubic boron nitride thin films on silicon substrate 91641
Pengyuan Chen Approximate zeros of quadratically convergent algorithms 69803
Penicaud, J.P. *see* Barthes-Corlier, M. 87791
Penionzhkevich, Y.E. *see* Fomichev, A.S. 53328
Penionzhkevich, Yu. *see* Tretyakova, S. 88168
Penkin, V.T. *see* Kovaev, L.K. 89915
Penman, J. *see* Mitchell, K.G. 48883
Penn, C.W. *see* Lamberth, L.S. 77160
Penn, J.E. *see* Jablon, A.R. 55383
Penn, M. Lethal lines: establishing a personal injury case against a New Jersey utility for harm caused by electromagnetic fields 78162
Penna, M.A. The incremental approximation of nonrigid motion 95742
Pennafiel, R.U. *see* Origa de Oliveira, L.C. 79198
Penner, S. *see* Bhandari, R. 66953
Penney, B.C. *see* Glick, S.J. 59325
Penney, B.C. *see* King, M.A. 59328
Penney, C. *see* Luebbers, R. 73285
Penney, C.W., Luebbers, R.J. Input impedance, radiation pattern, and radar cross section of spiral antennas using FDTD 94950
Penney, T. *see* Terry, I. 49788
Penney, T. *see* von Molnar, S. 55579
Pennings, E.C.M., van Roijen, R., van Stralen, M.J.N., de Waard, P.J., Koumans, R.G.M.P., Verbeck, B.H. Reflection properties of multimode interference devices 72360
Pennington, T. *see* Ambrosi, G. 53302
Pennise, C.A., Boesch, H.E., Jr., Goetz, G., McKitterick, J.B. Radiation effects in BESOI structures with different insulating layers 93079
Pennock, S.R. *see* Burchett, M.H. 57193
Pennock, S.R. *see* Izzat, N. 70828
Penon, D. *see* Lainiotis, D.G. 77334
Penrod, T.D. *see* Kuperman, G.G. 86568
Pensotii, S. *see* Adam, A. 88087
Pensotti, S. *see* Adam, A. 88102
Pensotti, S. *see* Adriani, O. 88023
Pensotti, S. *see* Borchi, E. 59091
Pensotti, S. *see* Bosetti, M. 59145
Pensotti, S. *see* Bosetti, M. 59146
Pensotti, S. *see* Bosetti, M. 98565
Pensotti, S. *see* Bosetti, M. 98566
Pensotti, S. *see* Furetta, C. 98812
Penticost, S.J., Robinson, A.N., Blewett, I.J. Measurement of chromatic dispersion using two simultaneously modulated wavelengths 65805
Penticost, S.J. *see* Taylor, M.G. 58402
Pentin, V.I. *see* Kritskii, V.G. 89482
Pentland, A. Multiple model encoding of images 95971
Pentland, A. *see* Essa, I.A. 96063
Pentland, A. *see* Martin, J. 84682
Pentland, A.P. Interpolation using wavelet bases 51598
Pentland, A.P. *see* Darrell, T. 64893
Penty, R.V. *see* Day, I.E. 63997
Penty, R.V. *see* Fells, J.A.J. 75400
Penty, R.V. *see* Lauder, R.D.T. 72782
Penty, R.V. *see* Mason, P.L. 65803
Penty, R.V. *see* Mason, P.L. 75501
Penzes, W.B. *see* Cresswell, M.W. 55838
Penzes, W.B. *see* Cresswell, M.W. 81714
Penzes, W.B. *see* Cresswell, M.W. 81726
Penzes, W.B. *see* Teague, E.C. 55837
Penzin, O.Y. Analysis and simulation of physical processes in semiconductor devices by the PEGAS program 55855
Penzkofer, A., Furthner, J. Theoretical analysis of a time-synchronized picosecond double-pulse branched Nd:glass laser 94397
Penzo, A. *see* Akchnrin, N. 66847
Penzo, A. *see* Borchi, E. 59091
Penzo, A. *see* Bosetti, M. 59145
Penzo, A. *see* Bosetti, M. 98565
Penzo, A. *see* Martin, A. 67356
Peon-Fernandez, J.F., Iglesias, T.P. On the permittivity of mixtures: a low-fluctuation approach 50113
Pepato, A. *see* Benetti, P. 67327
Pepato, A. *see* Benetti, P. 67328
Pepato, A. *see* Cennini, P. 67285
Pepato, A. *see* Cennini, P. 76755
Pepe, D.M. *see* Hakim, D.O. 86177
Pepe, G. *see* Cristiano, R. 63296
Pepe, G. *see* Cristiano, R. 63311
Pepe, G. *see* Esposito, E. 87959
Pepe, G. *see* Parlato, L. 88306
Pepe, M. *see* Beier, T. 53305
Pepe, M. *see* Fanti, V. 76788
Pepe, M. *see* Grafstrom, P. 76786
Pepeljugoski, P. *see* Cutrer, D. 83055
Peper, A. *see* Kemmelings, J.G.C. 88488
Peper, A. *see* MettingVanRijn, A.C. 67568
Peperstraete, J. *see* Beiu, V. 93523
Pepin, A. *see* Vieu, C. 81740
Pepino, A. *see* Bracale, M. 53367
Peplinski, J. *see* Koch, P. 69516
Peppen, J.C.L.van *see* van Peppen, J.C.L.
Pepper, A. A single beam recording system for creative holography and education 56963
Pepper, M. *see* Arnone, D.D. 62879
Pepper, M. *see* Burroughes, J.H. 54885
Pepper, M. *see* Frost, J.E.F. 62910
Pepper, M. *see* Kurobe, A. 81969
Pepper, M. *see* Kurobe, A. 92994
Pepper, M. *see* Patel, N.K. 55629
Peppley, B.A. *see* Amphlett, J.C. 60441
Pera, T., Waeckerle, T., Ossart, F. Experimental checking of the coenergy model using a rotating field device 63134
Peracchini, M.L. *see* Bertolo, F. 67923
Perahia, J., Nayar, C.V. Generalized machine theory applied to a three phase twin stator squirrel-cage induction motor 60203
Peral, L.del *see* del Peral, L.
Peraldi, M.-A. *see* Andre, C. 61766
Perales, F.J., Torres, J. A system for human motion matching between synthetic and real images based on a biomechanic graphical model 96068
Peralta, L. *see* Ariztizabal, F. 98518
Peralta, S.B., Ruda, H.E. Advanced solid-state semiconductor light sources 69215
Perasso, A. *see* Caorsi, S. 57218
Peraudeau, A. *see* Cressan, E. 52520
Perault, M., Desert, F.X., Abergel, A., Boulanger, F., Dupraz, Ch., Soufflot, A., Cesarsky, C.J., Vigroux, L. Infrared Space Observatory camera calibration facility and preflight characterization 52956
Perault, M. *see* Cesarsky, C.J. 52955
Perbet, J.N. Matrix displays for avionics 59509
Perchais, E. *see* Massiot, M. 81103
Perchiazzi, W.T. *see* Lahti, G.P. 78290
Percival, D.B. *see* Howe, D.A. 86908
Percival, D.B. *see* Joughin, I.R. 88729

Percival, R.M., Szebesta, D., Williams, J.R. Highly efficient 1.064 μm upconversion pumped 1.47 μm thulium doped fluoride fibre laser 63744
Percival, R.M., Szebesta, D., Williams, J.R., Lauder, R.D.T., Tropper, A.C., Hanna, D.C. Diode pumped operation of thulium doped fluoride fibre amplifier suitable for first window systems 83013
Percival, R.M., Williams, J.R. Highly efficient 1.064 μm upconversion pumped 1.47 μm thulium doped fluoride fibre amplifier 94372
Percsi, L., Harsanyi, G. Thick-film laser power detector 82893
Perczel, I.V. *see* Gerblinger, J. 66551
Perczel, I.V. *see* Giber, J. 58890
Perczel, I.V. *see* Varhegyi, E.B. 66557
Perdikouris, A.C., Chrissoulidis, D.P., Kriezis, E.E. EM-wave propagation through semi-elliptic cylindrical dielectric waveguide on a perfectly conductive planar substrate 64202
Perdomo, J. *see* Hughes, B. 49659
Perdrisat, C.F. *see* Pourang, R. 55527
Pere, D. *see* Verdier, M. 71949
Pereda, J.A. *see* Vielva, L.A. 51163
Pereda, J.A. *see* Vielva, L.A. 70829
Peredo, E., Decoster, D., Gouy, J.P., Vilcot, J.P., Constant, M. Comparison of InGaAs/InP photodetectors for microwave applications 50674
Perego, C. *see* Bonzi, P. 87331
Perego, C. *see* Sberveglieri, G. 98150
Pereira, A. *see* Ariztizabal, F. 98518
Pereira, C.C. *see* Barbosa, P.S.F. 78491
Pereira, D. *see* Carelli, G. 83235
Pereira, E.T. *see* Thomas, D.W.P. 73396
Pereira, J.L.R. *see* Campagnolo, J.M. 77844
Pereira, L.C.P. *see* Abud Filho, E. 86053
Pereira, L.G. *see* Schuhl, A. 75946
Pereira, M., Renz, K., Unterlass, F. Digital protection schemes of advanced series compensators 59816
Pereira, M. *see* Thanh-Nam Le 68064
Pereira, M.V.F. *see* Leopoldino, C.M.A. 99612
Pereira, M.V.F. *see* Mello, J.C.O. 88995
Pereira, O.J.B.Almeida *see* Almeida Pereira, O.J.B.
Pereira, P., Zheng, Y.F. Sensing strategy to detect wrinkles in components 66411
Pereira Da Cunha, M., Adler, E.L. Scattering of SAW at discontinuities: some numerical experiments 99323
Perelstein, E., Alexandrov, V., Antropov, V., Arkhipov, O., Beloshitsky, P., Bobyleva, L., Kazacha, V., Kazarinov, N., Krasnykh, A., Mironov, V., Kaltchev, D., Onischenko, L., Sissakian, A., Smirnov, Yu., Vylov, T., Belov, V., Mudiugin, B., Popov, A., Serebrennikov, D., Kvashonkin, I., Petrov, E., Umansky, I. Further study of JINR tau-charm factory design 76542
Perelygin, V. *see* Chultem, D. 88174
Perelygin, V. *see* Chutlem, D. 87736
Perelygin, V.P. *see* Kashkarov, L.L. 88077
Perenboom, J.A.A.J. *see* Leadley, D.R. 81280
Perennou, A., Cariou, J., Lotrian, J. Interference-phase measurement on a wavy air-water interface by using Fourier transform: application to coherent detection 77508
Perepelitsa, V.V. *see* Evtihiev, N.N. 72520
Perera, A.G.U., Choe, J.-W., Francombe, M.H., Sherriff, R.E., Devaty, R.P. Far infrared detection with a Si p-i interface and multilayer structures 75968
Perera, A.H., Lage, C., Sitaram, A.R., Woo, M.P., Tatti, S. Thermally robust $TiSi_2$ on heavily doped polycrystalline silicon over severe topography 62551
Perera, A.H., Taylor, W.J., Orlowski, M. Impact of arsenic deactivation in polycrystalline silicon and at polysilicon-monosilicon interfaces on contact resistance 93123
Perera, A.H. *see* Poon, S. 71402
Perera, B.S.P. *see* Dejsakulrit, D. 61503
Perera, L.K., Kajiwara, K., Tateishi, R. Land suitability assessment by GIS for paddy cultivation in Sri Lanka. With a concern on environmental protection 67915
Perera, U.D. Systems reliability and availability prediction and comparison with field data for a mid-range computer 54587
Perera, V. *see* Brawn, I. 98678
Perera, V. *see* Brawn, I.P. 98657
Perera, V. *see* Eisenhandler, E. 59183
Perers, B., Karlsson, B., Bergkvist, M. Intensity distribution in the collector plane from structured booster reflectors with rolling grooves and corrugations 90461
Peres, A. *see* Ekert, A.K. 84004
Peres, M., Reed, W. Integrated circuit solutions for multimedia servers 65243
Peres-Nunez, W. Latin America's experience with technology policies: current situation and prospects 69464
Peresedov, V.F. *see* Afanasiev, S.V. 52771
Peressini, D. *see* Mathieu, P. 56692
Peretti, F. *see* Peelo, D.F. 77889
Peretyagin, G.I. Investigation of the algorithm of object detection in a multizone picture 51703
Peretz, S. *see* DeHon, A. 52134
Perevedentsev, E. *see* Brandt, D. 87724
Perevedentsev, E. *see* Danilov, V. 87823
Pereverzev, S.I., Ufimtsev, P.Y. Effective permittivity and permeability of a fibers grating 51090
Pereverzeva, L.P. *see* Poplavko, Y.M. 82188
Perevidchikov, V.I. *see* Batskikh, G.I. 81145
Pereyaslavets, M.L. The reciprocity and power conservation principles for boundary conditions on a semitransparent surface 57098
Perez, A. *see* Retif, J.M. 90575
Perez, E. DeskMax: Desktop multimedia conferencing 75109
Perez, F., Docampo, D., Artes, A., Abdallah, C. Feasibility analysis of channel equalizers using Kharitonov-type results 84322
Perez, F. *see* Casao-Perez, J.A. 80831
Perez, F. *see* Casao-Perez, J.A. 97244
Perez, F. *see* Dorta, B.P. 58384
Perez, F.S. *see* Hernandez, E. 62209
Perez, F.X., Sanchez, J., Binefa, X., Roca, X., Vitria, J., Villanueva, J.J. A mathematical morphology-based system for IC's inspection and analysis 79480
Perez, F.X. *see* Binefa, X. 79481
Perez, H. *see* Barraud, A. 76100
Perez, H. *see* Clemendot, S. 66578
Perez, J., Catedra, M.F. Application of physical optics to the RCS computation of bodies modeled with NURBS surfaces 97373
Perez, J. *see* Casao-Perez, J.A. 80831
Perez, J. *see* Casao-Perez, J.A. 97244
Perez, J. *see* Lairson, B.M. 56223
Perez, J. *see* Pedro, J.C. 55395
Perez, J.C., Vidal, E. Optimum polygonal approximation of digitized curves 84594
Perez, J.M., Olmos, P. The CIEMAT-PSD gamma camera prototype: results of the tests in a controlled installation 88308
Perez, J.M., Steinshnider, J., Stallcup, R.E., Aviles, A.F. Control of chaos in a CO_2 laser 82896
Perez, J.M. *see* Olmos, P. 67405
Perez, J.M.Gueera *see* Gueera Perez, J.M.
Perez, M.A.Garcia *see* Garcia Perez, M.A.
Perez, P.C., Galvez, P.M. Design of snubber networks, using optimisation techniques, for the protection of thyristors from overvoltages 70224
Perez, P.L. *see* Knebel, P. 70592
Perez, R., Benadero, L., Albareda, A., Tresanchez, M., Gorri, J.A., Villar, J.L. Low signal analysis of piezoelectric transformers 56174
Perez, R., Seals, R., Stewart, R. Assessing the load matching capability of photovoltaics for US utilities based upon satellite-derived insolation data 99993
Perez, R. *see* Followell, D. 59486
Perez, R. *see* Saiz-Pardo, R. 49822
Perez, R.A. A decentralized control scheme for a high performance turbine 77195
Perez, S.M., de Sotomayor, R.S., del Rio, L.D., Bermudez, J.P., Perez, V.M., Gomez, R.G. Digital encryption system for speech communication over the public switching telephone network 75121
Perez, T.A.de *see* de Perez, T.A.
Perez, V.M. *see* Perez, S.M. 75121
Perez, W. *see* Yang, L. 55693
Perez Alvarez, I.A. *see* Paez-Borrallo, J.M. 85946
Perez-Abadia, M. *see* Fernandez-Duran, A. 52400
Perez-Albuerne, E. *see* Zhang, L. 71311
Perez-Amor, M. *see* Szorenyi, T. 48978
Perez-Arriaga, I.J. *see* Sanz-Bobi, M.A. 78438
Perez-Casero, R. *see* Perez-Rigueiro, J. 62664
Perez-Cordoba, J.L. *see* Diaz-Verdejo, J.E. 73815
Perez-Garcia, C. *see* Lopez-Ruiz, R. 72697
Perez-Garcia, V.M., Guerra, J.M. Weak turbulent behavior and dynamical frequency locking in a high-Fresnel-number laser 82959
Perez-Jimenez, M.J. *see* Fernandez-Margarit, A. 69742
Perez-Lopez, K., Sood, A., Manohar, M. Selecting image subbands for browsing scientific image databases 57835
Perez-Mendez, V. *see* Cho, G. 59129
Perez-Mendez, V. *see* Drewery, J. 59104
Perez-Mendez, V. *see* Gong, W.G. 88119
Perez-Mendez, V. *see* Jing, T. 88408
Perez-Mendez, V. *see* Kitsuno, Y. 55574
Perez-Mendez, V. *see* Mireshghi, A. 88120
Perez-Mendez, V. *see* Mireshghi, A. 98587
Perez-Neira, A.I. *see* Najar, M. 84455
Perez-Rigueiro, J., Jimenez, C., Perez-Casero, R., Martinez-Duart, J.M. Preparation of Si-$TiSi_2$ Schottky diodes by rapid thermal annealing 62664
Perfecto, E. *see* Prasad, K. 54535
Perfetti, P. *see* Abrami, A. 98715
Perfetti, R. Piecewise-linear analysis of the Wien bridge oscillator 91939
Perfetti, R. On the op-amp based circuit design of cellular neural networks 92447
Perfetti, R. *see* Martinelli, G. 61773
Perfetto, A. *see* Attaianese, C. 100821
Perfetto, A. *see* Attaianese, C. 100824
Perfetto, A. *see* Locci, N. 68563
Perfil'ev, Yu.S. *see* Dovgun, V.P. 70340
Perga, V.M. *see* Zhabitenko, N.K. 71863
Pergande, A.N. One watt W-band transmitter 97404
Perger, W.F. *see* Rousselle, S.R. 94967
Pergola, A. *see* Pani, R. 88044
Pergola, N. *see* Cinquegrana, C. 97970
Pergoot, A. *see* Steyaert, M. 81904
Peri, R. *see* Krishna Rao, M.V. 89253
Periale, L. *see* Aglietta, M. 67318
Periale, L. *see* Benetti, P. 67327
Periale, L. *see* Benetti, P. 67328
Periale, L. *see* Cennini, P. 67285
Periale, L. *see* Cennini, P. 76755
Periasamy, A., Herman, B. Computerized fluorescence microscopic vision in the biomedical sciences 67484
Periasamy, R., Ensor, D.S., Donovan, R.P., Clayton, A.C., Riddle, J. Measurement of particle emissions from clean room gas-handling components 60942
Periasamy, R., Ensor, D.S., Donovan, R.P., Riddle, J. Developing the Sematech test methods for evaluating cleanroom gas-handling components 69529
Periasamy, R., Newsome, J.R., Ensor, D.S., Donovan, R.P., Riddle, J. Measurement of moisture and total hydrocarbon contributions by valves used in clean room gas-delivery systems 60939
Perichad, I. *see* Martinuzzi, S. 81397
Perichaud, I., Floret, F., Martinuzzi, S. Limiting factors of phosphorus external gettering efficiency in multicrystalline silicon 100645
Perillo, E. *see* Dusi, W. 88041
Perillo, E. *see* Grassi, D. 88039
Perin, A.J. *see* Santander, A.A. 68815
Perin, A.J. *see* Vidor, D.L.R. 100301
Perin, D., Pigini, A., Visintainer, I., Channakeshava, M.R. Live-line insulator washing: experimental investigation to assess safety and efficiency requirements 89331
Perin, D. *see* Bossi, S. 53777
Perin, R. *see* Acerbi, E. 76344
Perin, R. *see* Ahlback, J. 82424
Perin, R. *see* Baynham, D. 87676
Perin, R. *see* Perini, D. 82426
Perin, R. *see* Russenschuck, S. 76345
Perini, D., Galante, N., Gilquin, J., Patti, G., Perin, R. Measurement of the resistance to stress cycling at 4.2 K of LHC dipole collars 82426
Perini, D. *see* Ahlback, J. 82424
Perini, L. *see* Gingrich, D. 53291
Perini, U. *see* Docchio, F. 66679
Perino, J.S. *see* Wiesenfeld, J.M. 58377
Perio, A. *see* Boucaud, P. 70036
Perio, A. *see* Dutartre, D. 91612
Periyalwar, S.S. *see* Klovsky, D. 97164
Perkavec, M.A. *see* Gericke, B. 90457
Perkes, G., Bryan, G., Cook, M., White, G.L., Hons, A., Jones, P.A., Moore, W.E. Real time image processing for speckle interferometry 74262
Perkhach, V.S., Segeda, M.S., Varetskii, Yu.O. Calculation of fault currents and nonfull-phase conditions in phase coordinates by the loop-current method 88982
Perkins, G.W., Hathaway, R.C., Lai, S.W., Clayton, K.W., Dorel, F., Morrow, D.R., Hill, R.L. A low cost, monolithic, color picture-in-picture device 86688
Perkins, J. *see* Clarkson, V. 75601
Perkins, J. *see* Sinton, R.A. 100629
Perkins, J. *see* Verlinden, P.J. 100613
Perkins, J.H., O'Keefe, M.F.O., Miles, R.E., Snowden, C.M. Pt and Zn based ohmic contacts to p-type InP 55651
Perkins, J.S. *see* Milkovich, C.S. 91007
Perkins, J.T. The first mile down Internet 1: development, training, and reference issues in the use of an X Windows interface for Internet access 75033
Perkins, L.T., Herz, P.R., Leung, K.N., Pickard, D.S. Small radio frequency driven multicusp ion source for positive hydrogen ion beam production 53188
Perkins, L.T. *see* Leung, K.N. 76734
Perkins, R.J. A proven method for the elimination of ozone depleting solvents 81009
Perkins, T. *see* Sobey, C.H. 72155
Perkinson, T.L., McLarty, P.K., Gyurcsik, R.S., Cavin, R.K., III Single-wafer cluster tool performance: an analysis of throughput 81402
Perkis, T. Stack-based genetic programming 91317
Perkovac, M. *see* Zdenkovic, J. 69061
Perkowski, M.A., Chrzanowska-Jeske, M. Multiple-valued-input TANT networks 55251
Perkowski, M.A., Chrzanowska-Jeske, M., Pierzchala, E., Coppola, A. An exact solution to the fitting problem in the application specific state machine device 92071
Perkowski, M.A. *see* Drechsler, R. 91680
Perkowski, M.A. *see* Ho, P. 91998
Perkowski, M.A. *see* Hong, Q. 49251
Perkowski, M.A. *see* Pierzchala, E. 55234
Perkowski, M.A. *see* Sarabi, A. 91983
Perkowski, M.A. *see* Wu, H. 50084
Perl, J.M. *see* Rainish, D. 75300
Perl, M.L. *see* Cavalli-Sforza, M. 87772
Perlin, M.W. *see* Pathak, D.K. 76886
Perlin, P. *see* Sosin, T.P. 66212
Perlman, B.S. *see* Hechtman, C.D. 73384
Perlman, D.J. *see* Bertin, C.L. 92246

Perlmutter, K.O., Gray, R.M., Oehler, K.L., Olshen, R.A. Bayes risk weighted tree-structured vector quantization with posterior estimation 57898
Perlmutter, K.O. *see* Gray, R.M. 95178
Perlmutter, M.S. A tactical fiber optic gyro with all-digital signal processing 67959
Perlmutter, M.S. A tactical fiber optic gyro with all-digital signal processing 76035
Perlmutter, S.H. *see* Doroski, D. 56443
Perlmutter, S.H. *see* Qi Hong Wu 50599
Perlo, P.P. *see* Soifer, V.A. 50560
Perlov, A.Ya. *see* Valeiko, M.V. 98269
Perlovsky, L.I. MLANS neural network for track before detect 58454
Perlovsky, L.I. MLANS neural network for sensor fusion 58704
Perlovsky, L.I. MLANS application to sensor fusion 73927
Perlovsky, L.I., Kwauk, R., Tye, D. MLANS application to classification while tracking 74229
Perlovsky, L.I. *see* Chernick, J. 74241
Perlovsky, L.I. *see* Clark, L.G. 58839
Perlow, R.B., Steinberg, B.D. The use of stereoscopic disparity maps for extraction of weak targets in clutter 65885
Perlow, S. *see* Bharj, S. 80627
Perlow, S. *see* Bharj, S. 92587
Perlstein, D., Welch, R.L.W. A Bayesian approach to the analysis of burn-in of mixed populations 54616
Pern, F.J. Polymer encapsulants characterized by fluorescence analysis before and after degradation 100713
Pern, F.J., Glick, S.H. Fluorescence analysis as a diagnostic tool for polymer encapsulation processing and degradation 82174
Pern, F.J. *see* Tsuo, Y.S. 100473
Pernambuco-Wise, P., Schneider-Muntau, H.J., Van Bockstal, L., Campbell, L.J., Rickel, D.G., Sims, J.R. Design and construction of 80 Tesla internally reinforced pulse magnets 83553
Pernambuco-Wise, P. *see* Campbell, L.J. 83552
Pernas, F.J.D. *see* Garcia-Bermejo, J.G. 87035
Perneel, C., de Mathelin, M., Acheroy, M. Automatic target recognition fuzzy system for thermal infrared images 52952
Pernegger, H. *see* Cindro, V. 98688
Pernegger, H. *see* Dabrowski, W. 98521
Perner, P. An architecture for a knowledge-based image inspection system 97875
Perng, D.C. *see* Feinerman, A.D. 81608
Perng-Fei Luo, Chao, Y.J., Sutton, M.A. Application of stereo vision to three-dimensional deformation analyses in fracture experiments 51714
Pernici, S. *see* Nicollini, G. 85954
Pernicka, F. *see* Lund, E. 88594
Pernicka, M. *see* Cindro, V. 98688
Pernicka, M. *see* Fanti, V. 76788
Pernier, J. *see* Bertrand, O. 53420
Pernot, J.C. *see* Beaudin, G. 88787
Pernus, F., Leonardis, A., Kovacic, S. Two-dimensional object recognition using multiresolution non-information-preserving shape features 95845
Perny, B. *see* Bischoff, J.-C. 50465
Perny, B. *see* Gisin, N. 82548
Perold, W.J. The effect of mutual coupling between RF SQUID's in distributed Josephson inductance phase shifters 82388
Perona, P. *see* Greenspan, H. 84799
Perona, P. *see* Shy, D. 84801
Perona, P. *see* Soatto, S. 96019
Perona, P. *see* Soatto, S. 96077
Peroni, P. Fuzzy land cover classification of remote sensing information 53528
Perot, J. *see* Orrell, D. 87680
Perot, J. *see* Rifflet, J.M. 87792
Perot, J. *see* Vedrine, P. 87794
Perotto, J.-F., Lamothe, C., Arm, C., Piguet, C., Dijkstra, E., Fink, S., Sanchez, E., Wattenhofer, J.-P., Cecchini, M. An 8-bit multitask micropower RISC core 80353
Perov, A.S., Perova, V.I. Kinetics of impurity capture by a silicon crystal in molecular-beam epitaxy 54862
Perov, P.I., Kovalev, V.I., Rukovishnikov, A.I., Rossukanyi, N.M., Johnson, W.H. Hydrogen-sensitive palladium film study with precise and fast ellipsometers 76098
Perova, V.I. *see* Perov, A.S. 54862
Perovic, D.D., Houghton, D.C., Noel, J.P., Rowell, N.L. Elastic strain-induced surface roughening and the nucleation of misfit dislocations in heteroepitaxial thin films 81309
Perovic, D.D. *see* Dunin-Borkowski, R.E. 81444
Perovic, D.D. *see* Liu, C.W. 70110
Perpelea, M. *see* Iordache, M. 61486
Perra, A., Aguer, J. Tracking internal resistance extends life of UPS batteries 78700
Perreal, Y. *see* Delage, S.L. 70895
Perreault, D.J. *see* Kassakian, J.G. 80103
Perregrini, L. *see* Arcioni, P. 49630
Perregrini, L. *see* Arcioni, P. 67059
Perrem, R. *see* Arshak, K.I. 71129
Perrem, R. *see* Arshak, K.I. 75965
Perret, R. *see* Jung, R. 76463
Perrett, J.R. A data handling and telemetry system for an autonomous underwater vehicle 96591
Perretti, E. *see* Demaria, T. 58166
Perriard, Y., Jufer, M. Temperature distribution of a ventricular assist device activated by a brushless DC motor 88556
Perricos, C. *see* Van Woerden, J.A. 98990
Perrier, P.A. *see* Gabriagues, J.M. 97301
Perrier de la Bathie, R. *see* Politano, R. 50180
Perrin, A. *see* Husse, E. 49641
Perrin, B. *see* Casaca, A. 65533
Perrin, E. *see* Adam, A. 88087
Perrin, E. *see* Adam, A. 88102
Perrin, E. *see* Ambrosi, G. 53302
Perrin, H. *see* Bonnaire, R. 79187
Perrin, O. *see* Beaudin, G. 88787
Perrin, S.D. *see* Brown, P.D. 81313
Perrin, S.D. *see* Davies, D.A.O. 65540
Perrin, S.D. *see* Lealman, I.F. 56797
Perrin, S.D. *see* Lealman, I.F. 63814
Perrin, S.D. *see* Lealman, I.F. 94447
Perring, S., Summers, Q., Fleming, J.S., Nassim, M.A., Holgate, S.T. A new method of quantification of the pulmonary regional distribution of aerosols using combined CT and SPECT and its application to nedocromil sodium administered by metered dose inhaler 59366
Perris, N. *see* Kunda, D. 68112
Perrocheau, J. *see* Lemonnier, M. 98511
Perron, J.C. *see* Escobar, M.A. 71992
Perrone, A.L., Boccaletti, S., Basti, G., Arecchi, T.F. A mutually recursive method to detect and remove noise in chaotic dynamics 57581
Perrone, M.R. Super-Gaussian unstable resonator characterization for high-gain short-pulse excimer lasers 72958
Perrone, M.R., Yao, Y.B. Excimer pulse shortening by nonlinear absorption 72686
Perrone, M.R., Yao, Y.B. Phase-conjugated XeCl laser resonator 72691
Perrone, M.R. *see* Fang, H. 94325
Perrone, M.R. *see* Flori, D. 72974
Perrone, M.R. *see* Giuri, C. 72962
Perrone, M.R. *see* Kovalenko, S.E. 63909
Perrone, R.E. Practical case studies of upgrading plant performance: NO_x and SO_2 controls and problems of burning low-grade coal 89660
Perros, H. *see* Nilsson, A. 52228
Perros, H. *(editor)* High-Speed Communication Networks. Proceedings of TriComm '92 48583
Perros, H.G. *see* Dooyeong Park 69679
Perros, H.G. *see* Holtsinger, D.S. 57965
Perros, H.G. *see* Holtsinger, D.S. 96209
Perros, H.G. *see* Morris, T.D. 51757
Perros, H.G. *see* Onvural, R.O. 64986
Perros, H.G. *see* Zaghloul, A.O. 96149
Perrot, H. *see* Arkam, C. 87566
Perrot, J., Prud'homme, G. Operator aid systems for abnormal events 99908
Perrot-Kunne, F. *see* Martin, A. 67356
Perroton, L. Contour tracking of 3D 26-connected discrete objects 64673
Perrott, R.A. *see* Roscoe, A.J. 73545
Perrotta, G. *see* Dionisio, C. 77600
Perry, A.J. *see* Giroult-Matlakowski, G. 91556
Perry, B. *see* McKervey, G.W. 60666
Perry, B.D. *see* Rifkin, R. 94810
Perry, C.E., Buhrman, J.R., Knox, F.S., III Biodynamic testing of helmet mounted systems 99071
Perry, D.L., Hubbs, J.E., Dereniak, E.L. Body-effect nonlinearity in infrared focal plane array multiplexers 66160
Perry, D.L. *see* Barber, H.B. 59302
Perry, D.L. *see* Barber, H.B. 98851
Perry, D.M. *see* Duncan, G.M. 79204
Perry, I.R., Wang, R.L., Barr, J.R.M. Frequency shifted feedback and frequency comb generation in an Er^{3+}-doped fibre laser 63690
Perry, J. Large format stereogram facility 56989
Perry, J., Woodworth, E., Merminga, L., Simrock, S., May, R., Stapleton, G. The CEBAF beam loss sensors 76459
Perry, J. *see* Chao, Y. 67004
Perry, J. *see* Crawford, K. 76580
Perry, J. *see* Dobeck, N.J. 76826
Perry, J. *see* Shacham, E. 61684
Perry, J. *see* Thakoor, S. 82180
Perry, J.E. *see* Page, L.B. 61010
Perry, J.E. *see* Page, L.B. 91128
Perry, J.M. *see* Narayanan, S. 100471
Perry, J.W., Mansour, K., Marder, S.R., Perry, K.J., Alvarez, D., Jr., Choong, I. Enhanced reverse saturable absorption and optical limiting in heavy-atom-substituted phthalocyanines 56288
Perry, K.J. *see* Perry, J.W. 56288
Perry, K.M., Reeves, S.J. A practical stopping rule for iterative signal restoration 74087
Perry, K.M., Reeves, S.J. A practical stopping rule for iterative signal restoration 84295
Perry, M. *see* Powell, T.J. 49500
Perry, M. *see* Roark, C. 88698
Perry, M.D., Mourou, G. Terawatt to petawatt subpicosecond lasers 56737
Perry, M.D. *see* Ditmire, T. 50754
Perry, M.D. *see* Salieres, P. 56900
Perry, P. *see* Ke Lu 81838
Perry, P. *see* Lu, K. 50078
Perry, P.A. *see* Mendelsberg, J.I. 89693
Perry, R.M., Dunn, J.M., Booton, R.C., Jr. A computationally efficient method for modeling circuits housed in non-rectangular packages 80654
Perry, R.P., DiPietro, R.C., Kozma, A., Vaccaro, J.J. SAR image formation processing using planar subarrays 75624
Perry, T.S. Consumer electronics 52668
Perry, T.S. Marcian E. Hoff Jr 54308
Perry, T.S. EEs in the boardroom [electrical engineers] 60856
Perry, T.S. 'Green' refrigerators 79034
Persaud, K. *see* Hatfield, J.V. 58879
Persaud, K.C. *see* Hatfield, J.V. 87320
Persegol, D. *see* Rehouma, F. 82661
Pershin, S., Linkin, V., Bukharin, A., Makarov, V., Patsaev, D., Prochazka, I., Kouki, T. Backscatter lidar-ceilometer: a new eye-safe compact instrument for atmospheric aerosol and cloud sounding 77348
Pershin, Yu.P. *see* Kozhevnikov, I.V. 67409
Pershing, D.E., Seeley, R.D., Jackson, R.H., Freund, H.P. NRL ubitron amplifier performance 92886
Pershing, D.E. *see* Freund, H.P. 50875
Pershing, D.E. *see* Freund, H.P. 63892
Pershing, D.E. *see* Jackson, R.H. 53118
Persiano, G. *see* Capocelli, R.M. 95126
Persiano, G. *see* De Santis, A. 73740
Persiano, G. *see* De Santis, A. 73748
Persic, B. SPICE transient analysis errors estimated in frequency space 49071
Persing, H.M. *see* Giroult-Matlakowski, G. 91556
Persinger, D. *see* Meyer, K. 51985
Persliden, J. *see* Sandborg, M. 53400
Persliden, J. *see* Sandborg, M. 59368
Persliden, J. *see* Sandborg, M. 88477
Person, H.Le *see* Le Person, H.
Persons, C.E. *see* Kundu, A. 58504
Persons, W.L. *see* Lawrence, J.D. 78283
Persoon, G.G. *see* Leenaerts, D.M.W. 92245
Persoons, A. *see* Kauranen, M. 83249
Persoons, A. *see* Tackx, P. 73052
Persoons, A. *see* Tackx, P. 73067
Persov, B. *see* Nezhevenko, O. 76375
Persson, A. *see* Svanberg, S. 50784
Persson, B.R.R. *see* Blad, B. 67572
Persson, E. *see* John, V. 100330
Persson, M. *see* Taboryski, R. 49796
Persson, S.-T. *see* Alippi, C. 53346
Persson, S.T. *see* Dell'Acqua, A. 98680
Persson, W. *see* Svanberg, S. 50784
Pert, G.J. Computational modeling for X-ray lasers 63622
Pert, G.J., Chambers, A., Chew, A.D. The theory of the rotating disc vacuum gauge 92860
Pert, G.J., Holden, P.B., Kingston, A.E., Robertson, E. Simulation of practical X-ray lasers 50735
Pert, G.J. *see* Key, M.H. 50731
Perticaroli, F. High speeds on railways: Problems of operation and supplies of energy to trains 60564
Pertsev, K., Ryl'skaya, L.K. Vacuum arc-quenching chamber for 35- and 110-kV cutouts 78742
Pertsov, A.A. *see* Mikerov, V.I. 74015
Pertsovich, G.Yu. *see* Grigor'ev, V.A. 87237
Pertuis, V., Patel, J.S. Twisted smectic structure for gray scale modulator 72461
Pertz, U. *see* Decker, P. 74893
Perumal, P. *see* Ananthakumar, S. 54988
Perumalla, K. *see* Hannenhalli, S. 65308
Perunicic, B. *see* Kezunovic, M. 78246
Peruzzi, R.O. *see* Nagaraj, K. 70782
Pervan, B.S. *see* Pullen, S.P. 65998
Pervez, A. Multiplexing of multimode fibre-based optical sensors 52893
Perzhu, V.L. The distribution of signals and noise in the correlation field of holographic recognition systems 63511
Pesando, L. *see* Harr, R. 88209
Pesant, J.-P.Le *see* Le Pesant, J.-P.
Pescara, L. *see* Amidei, D. 98639
Pesce, A., Muschitiello, M., Sasanelli, N., Paccagnella, A., Fuochi, P.G. Comparison of proton and gamma irradiation on HCMOS IC's 70368
Peschany, S.E. *see* Usov, N.A. 71943
Peschardt, E. *see* Boiteux, J.P. 76505
Peschardt, E. *see* Brandt, D. 87724
Peschardt, E. *see* Ciapala, E. 87626
Peschel, H. *see* Kreutz, R. 76649
Peschel, T. *see* Kohrell, J. 83327
Peschel, T. *see* Peschel, U. 73026
Peschel, U., Peschel, T., Lederer, F. Optimization of bistable planar resonators operated near half the band gap 73026
Peschel, U. *see* Kohrell, J. 83327
Peschke, C. The impact of electron-electron interaction on electron transport in GaAs at high electric fields 81224
Peschke, C. *see* Hulsmann, P. 58964
Pescod, C.R. *see* Crookes, C.G. 63611
Pesel, E., Schumacher, B., Warnecke, P. Resistance scaling up to 1 MΩ at PTB with a cryogenic current comparator 87426
Peset Llopis, R. Exact path sensitization in timing analysis 92016

Peshkov, I. *see* Sytnikov, V. 93911
Peshkov, I.B. *see* Makarov, L.E. 89271
Pesicka, J. *see* Biederman, H. 70103
Peskett, A.O. *see* Rodger, R.M. 97701
Peskin, B. *see* Gillick, L. 84071
Peskin, B. *see* Roth, R. 84111
Peskin, M., Chen, R.T. Thirteen-channel wavelength division demultiplexer based on polymer waveguide holograms 58394
Peskin, M. *see* Chen, R.T. 57001
Peskin, M. *see* Tang, S. 56407
Peskin, M.A. *see* Suning Tang 56575
Peskin, M.A. *see* Tang, S. 82858
Peskin, R.L. *see* Boubez, T.I. 55360
Peskov, N.Yu. *see* Ginzburg, N.S. 56819
Peskov, N.Yu. *see* Ginzburg, N.S. 56820
Peskov, N.Yu. *see* Ginzburg, N.S. 83204
Peskov, V. *see* Anderson, D.F. 88184
Peskov, V. *see* Borovick-Romanov, A. 88000
Pesquera, L. *see* Mirasso, C.R. 50843
Pesquet, J.-C. *see* Krim, H. 74101
Pessa, M. *see* Asonen, H. 63774
Pessa, M. *see* Lammasniemi, J. 100517
Pessa, M. *see* Nappi, J. 50810
Pessa, M. *see* Zhang, G. 70055
Pessina, G. *see* Alessandrello, A. 59111
Pessina, G. *see* Alessandrello, A. 59163
Pessina, G. *see* Alessandrello, A. 88147
Pessina, G. *see* Baschirotto, A. 55328
Pessina, G. *see* Camin, D.V. 62878
Pessina, G. *see* Camin, D.V. 63023
Pessina, G. *see* Camin, D.V. 81951
Pessina, G. *see* Camin, D.V. 93671
Pessoa, A.C.F., Arantes, D.S. Block codes for efficient multistage encoded modulation 95224
Pessoa, G.T.S., Hagmann, M.J. Solution of the waveguide problem by a method based on the integral definition of the curl operator 83794
Pesta, A.J. *see* Denny, H.W. 88926
Pestien, V., Ramakrisnan, S., Sarkar, D. Packet transmission in a noisy-channel ring network 65273
Pestov, Yu.N. *see* Alunni, L. 88010
Pestrikov, D. *see* Kurokawa, S. 66928
Pestrikov, D.V. Synchrobetatron mode coupling and beam breakup instability in storage rings 98430
Pestrikov, D.V. Collective beam-beam instability for finite bunch length 98439
Pestrikov, D.V. *see* Dikansky, N.S. 53134
Pestryakov, A.V. *see* Shakhgil'dyan, V.V. 80188
Petajan, E., Mailhot, J. The Grand Alliance HDTV system 66040
Petcu, D. On the Kantorovich hypothesis for Newton's method 61134
Petcu, D. Some stiff stable methods for the numerical integration of ordinary differential equations 91385
Petcu, F., Padencov, D. The characterization of the flame propagation behaviour of the electric cables 68249
Petegem, W.Van *see* Van Petegem, W.
Petek, B., Chang, J.-W., Jahnes, C.V., Lo, J., Trouilloud, P.L. High susceptibility domain configuration in micron-sized ferromagnetic stripes 50232
Petek, B., Ferligoj, A. Exploiting prediction error in a predictive-based connectionist speech recognition system 84026
Petelenz, D. *see* Christensen, D. 66520
Petelenz, D.G. *see* Sadwick, L.P. 92874
Petenyi, L. *see* Baronak, I. 52281
Peter, D.S., Hodel, W., Weber, H.P. Compression of pulses spectrally broadened by self-phase modulation using a fiber-grating: a theoretical study of the compression efficiency 94087
Peter, D.S., Onishchukov, G., Hodel, W., Weber, H.P. 570 fs pulses from a Pr^{3+}-doped fibre laser modelocked by pump pulse induced cross-phase modulation 83011
Peter, J.M. Education in power electronics, the engineers point of view 79194
Peter, M. Research, development and demonstration in the non-nuclear electricity industry 1992, results of the VDEW inquiry VDEW Association of German electrical utilities FEUD: research development and demonstration 53657
Peter, M. *see* Friese, J. 87970
Peter, S. *see* Yang, S.-K. 81545
Peter, W. *see* Harold, E. 73248
Peter, W. *see* Mako, F.M. 71035
Peter Yum Tak-Shing *see* Tak-Shing Peter Yum
Peterdi, J. An alternative method of measuring modulation depth in CRTs 87366
Peteri, I. *see* Harsanyi, G. 59258
Petermann, J., Hoffmann, T., Martinez-Salazar, J. Selective deposition of metals on submicron resist patterns 62554
Petermann, K. *see* Fischer, U. 82638
Petermann, K. *see* Jian-Ping Zhang 72862
Petermann, K. *see* Kurtzke, C. 65786
Petermann, K. *see* Meier, T. 82695
Petermann, K. *see* Pieper, W. 58380
Petermann, K. *see* Schmidtchen, J. 63473
Petermann, K. *see* Splett, A. 50525
Petermann, K. *see* Tager, A.A. 72865
Peterreins, T. *see* Downar, H. 56272
Peters, C. *see* Yu, S. 67027
Peters, C.J. *see* Xu, D.-X. 62696
Peters, D., Chiappetta, M., Wagner, H., Chabinsky, D. Microwave fiber optic receiver for spacecraft 65830
Peters, D., Paulus, I., Stephani, D. Oxidized amorphous silicon as gate insulator for silicon tips 62043
Peters, D. *see* Gumbrecht, W. 67444
Peters, E.R., Plumb, K., Veck, N. ERS-1 product generation at the EODC 77228
Peters, F.H., Robinson, G.D., Peters, M.G., Young, D.B., Coldren, L.A. Small electrically pumped index-guided vertical-cavity lasers 94506
Peters, F.H. *see* Coldren, L.A. 63907
Peters, F.H. *see* Scott, J.W. 72826
Peters, F.H. *see* Scott, J.W. 83143
Peters, G. Second-order Doppler shift of RASS echoes 99210
Peters, G., Garry, J. A system concept for gradual deployment of geostationary lightsats 59441
Peters, G., Kirtzel, H.J. Complementary wind sensing techniques: sodar and RASS 88777
Peters, G. *see* Weiss, P.L. 67457
Peters, J. An electronic pepper pot 53130
Peters, J. H^- ion source activities at DESY 53207
Peters, J.D. *see* Martinez-Uriegas, E. 84906
Peters, J.G. *see* Gargano, L. 85439
Peters, J.G. *see* Mahajan, S. 91256
Peters, K. Ten years' experience of VRLA batteries in telecommunications service 60412
Peters, K.J. *see* Washabaugh, P.D. 87265
Peters, L. 10 significant trends in SEM technology 81164
Peters, L. *see* Hanson, H. 88903
Peters, L.J. *see* Whitaker, L.A. 95258
Peters, L.S. GEM: technology for improved logistics support 59623
Peters, M.E. *see* Blanchard, J.L. 73284
Peters, M.G. *see* Coldren, L.A. 63907
Peters, M.G. *see* Peters, F.H. 94506
Peters, M.L. *see* Doeringer, W.A. 65362
Peters, M.L. *see* Gray, J.P. 65100
Peters, P.J.M. *see* Lankhorst, F.T.J.L. 56607
Peters, P.J.M. *see* Udalov, Yu.B. 82943
Peters, P.J.M. *see* Ustinovskii, N.N. 81131
Peters, P.M. *see* Fields, D.E. 98522
Peters, P.M. *see* van Hecke, H. 67350
Peters, P.N. *see* Troxler, R.E. 61866
Peters, R.A., II, Nichols, J.A. Morphological bandpass decomposition of images 64630
Peters, R.A., II, Nichols, J.A. Properties of image sequences generated through opening residuals 85105
Peters, R.A., II *see* Bishay, M. 95807
Peters, V. *see* Owen, G. 74773
Petersen, A., Rinschede, T. Noncontact angle measurement using magnetoresistive sensors 52790
Petersen, A.K., Ebskamp, F. Monolithic demodulator for high sensitivity 2.5 Gbit/s CPFSK receiver 58379
Petersen, A.K., Ebskamp, F. GaAs MMIC demodulator with high sensitivity and wide dynamic range for 2.5 Gbit/s CPFSK receiver 61952
Petersen, A.K., Ebskamp, F., Pedersen, R.J.S., Zhang, X. Wide-band low-noise distributed front-end for multi-gigabit CPFSK receivers 86505
Petersen, A.K. *see* Bruun, M. 70922
Petersen, A.K. *see* Bruun, M. 92612
Petersen, D. *see* Allen, S.L. 63878
Petersen, D. *see* Caderon, M. 87645
Petersen, D.E. *see* Lasnier, C.J. 63879
Petersen, H. *see* Horster, P. 73687
Petersen, I.R., McFarlane, D.C. Optimal guaranteed cost control and filtering for uncertain linear systems 84491
Petersen, J., Gillen, T. The idle time distribution of a system ΣD/D/1 51805
Petersen, J. *see* Ludwig, C. 69938
Petersen, J.R. *see* Nielsen, O.V. 72034
Petersen, K. Silicon micromachined sensors 87080
Petersen, K., Walkenhorst, A., Stolzel, C., Wilkens, W., Krimmer, C., Sollner, J., Grueninger, H.W., Fischer, R., Schmitt, M., Becherer, T., Adrian, H. Biepitaxial Josephson junctions and SuFET technology for the preparation of HTS-JoFETs 63320
Petersen, P.M. *see* Andersen, P.E. 72328
Petersen, P.M. *see* Edvold, B. 64826
Petersen, R.C. *see* Wohlgemuth, J.H. 100709
Petersen, T.A., Hilsmeier, T.A., Kapinus, D.M. Computer software program for monitoring the availability of systems and components of electric power generating systems 89409
Petersohn, U. *see* Unger, H. 84243
Peterson, A.F. Vector finite element formulation for scattering from two-dimensional heterogeneous bodies 51076
Peterson, A.F. An outward-looking differential equation formulation for scattering from one-dimensional periodic diffraction gratings 51092
Peterson, A.F. Application of volume discretization methods to oblique scattering from high-contrast penetrable cylinders 57086
Peterson, A.L. *see* Attwood, B.E. 63265
Peterson, A.M. *see* Yeh, G.K. 91733
Peterson, B., Jin, H. Testing high performance personal computer modules using boundary scan a case study 87020
Peterson, C., Rengarajan, S.R. Rigorous analysis of weakly excited broadwall slots 64220
Peterson, D. *see* Champion, M. 67071
Peterson, D. *see* Jackson, G. 87876
Peterson, D. *see* Norwood, D. 92837
Peterson, D.L. Controlling magnetic contamination in the disk-drive industry 63215
Peterson, D.L. *see* Gordon, G.E. 85491
Peterson, D.W. *see* Werkema, S.J. 87886
Peterson, E. *see* Baltrusaitis, R.M. 76519
Peterson, E.L. *see* Zarowitz, B.J. 67567
Peterson, H. *see* Chen, Y. 85017
Peterson, H.R. *see* Lee, R.L. 89197
Peterson, J. *see* Cai, Y. 66902
Peterson, J. *see* Chou, W. 76480
Peterson, J. *see* Garavaglia, T. 87837
Peterson, J. *see* Schwitters, R. 87841
Peterson, J.P. *see* Bopp, D. 60645
Peterson, K. *see* Bryzek, J. 75902
Peterson, L.L. *see* Mosberger, D. 96247
Peterson, P., Gavrielides, A., Sharma, P.M. CW theory of a laser diode-pumped two-manifold solid state laser 63737
Peterson, R. *see* Divakaruni, R. 62805
Peterson, R.L. *see* Rasky, P.D. 65601
Peterson, S.L. *see* Renner, P.E. 78170
Peterson, T. *see* Champion, M. 67071
Peterson, T. *see* Horlitz, G. 93986
Peterson, T.M., Luft, W. Adopting a customer-focused team approach to amorphous silicon multijunction module R&D 100548
Peterson, V.Z. The Fermilab external muon identifier and internal picket fence 76813
Peterson, W.A., Kolbet, R., Saint-Pierre, R. A clamped transformer power supply producing zero voltage resonant transitions over the full-load range 68801
Peterson, W.A., Saint-Pierre, R. A half bridge, self-oscillating, multi-resonant converter circuit 54079
Peterson, W.L., Brammer, S.R., Elder, S.O. A new method for unit ramp rate processing in Lagrangian relaxation unit commitment 89157
Pethe, J., Muhler, R., Von Specht, H. A method for the digital generation of filtered noise 76913
Pethe, J., Muhler, R., von Specht, H. A digital acoustical stimulator for audiological research 98874
Pethel, S.D., Bowden, C.M., Scalora, M. Characterization of optical instabilities and chaos using fast multilayer perceptron training algorithms 50477
Peticolas, L.J. *see* Ebert, C.W. 61238
Peticolas, L.J. *see* Feijoo, D. 71355
Peticolas, L.J. *see* Murtaza, S.S. 87171
Peticolas, L.J. *see* Prabhakarana, K. 81486
Peticolas, L.J. *see* Ross, F.M. 81305
Petilli, S.G. Image compression with full wavelet transform (FWT) and vector quantization 95959
Petillo, J., Krueger, W., Mondelli, A., Potter, J. Frequency domain determination of the waveguide loaded Q for the SSCL drift tube linac 67123
Petillon, T., Gilloire, A., Theodoridis, S. The fast Newton transversal filter: an efficient scheme for acoustic echo cancellation in mobile radio 52359
Petiot, L. Dirty Gertie: the DRTE computer 49229
Petit, C. *see* Elrharbi, S. 62327
Petit, C. *see* Meinertzhagen, A. 55665
Petit, E. *see* Provent, P. 64775
Petit, E.J., Houzay, F. Optimal surface cleaning of GaAs (001) with atomic hydrogen 55795
Petit, G., Wolf, P. Relativistic theory for picosecond time transfer in the vicinity of the Earth 65775
Petit, G.H., Deloddere, D., Verbiest, W. Bandwidth resource optimization in video-on-demand network architectures 86778
Petit, G.H. *see* Bruneel, H. 74645
Petit, G.H. *see* Cosmas, J.P. 57937
Petit, J. *see* Neudeck, P. 71225
Petit, J.P. *see* Mahieux, Y. 95595
Petit, P., Giordano, V., Boussert, B., Cerez, P., Audoin, C., Theobald, G., Dimarcq, N. A miniature optically pumped cesium beam resonator: first results 86861
Petit, P. *see* Audoin, C. 86838
Petit, P. *see* Chevrier, P. 90225
Petitt, R.A., Jr., Filloux, J.H., Moeller, H.H., Chave, A.D. Instrumentation to measure electromagnetic fields on continental shelves 77341
Petitt, R.A., Jr. *see* Keller, W.C. 67840
Petitt, R.A., Jr. *see* Plant, W.J. 67837
Petkau, K. *see* Hammer, J.W. 82911
Petke, G. EBU frequency and planning studies on terrestrial DAB 97580
Petkov, A. *see* Dishovski, N. 73311
Petkov, N. *see* Lourens, T. 84610
Petkov, R., Hobson, L. Switch mode power supply for a microwave oven 100961
Petkovic, D.M. Analysis of Fermi level position in thin polysilicon films 62158
Petley, B.W. *see* Flowers, J.L. 86974
Petley, B.W. *see* Gallop, J.C. 87579

Peto, G., Horvath, Z.F., Gereben, O., Pusztai, L., Hajdu, F., Svab, E. Implantation-induced structural changes in evaporated amorphous Ge 71131
Petosa, A., Mongia, R.K., Cuhaci, M., Wight, J.S. Magnetically tunable ferrite resonator antenna 64230
Petosa, A., Wight, J.S., Ittipiboon, A. Experimental investigations on a tapered ferrite rod antenna with magnetic phase control 73501
Petouris, A., Humphries, J., Russell, P., Vourdas, A., Jones, G.R. Computer aided design for teaching modern optics to electronic engineering undergraduates 48592
Petr, D.W. Optimization in a class of priority-discarding policies for finite queues 54657
Petr, D.W., Braun, C., Rabi, R. Delay performance of segmentation options for mixed packet networks 85245
Petr, D.W. *see* Neir, L.A. 74683
Petracek, J., Chmela, P. Second-harmonic generation at periodic second-order susceptibility gratings with self-phase and cross-phase modulation 94610
Petraglia, A. *see* Ustinov, A.V. 63325
Petraglia, M.R., Shynk, J.J., Mitra, S.K. Stability bounds and steady-state coefficient variance for a second-order adaptive IIR notch filter 74089
Petrani, M.L., Karakotsou, Ch., Kyprianidis, I.M., Anagnostopoulos, A.N. Characterization of the attractor governing the neon bulb RC relaxation oscillator 61593
Petras, A., Eppolito, S. An information tour [electric utility information network] 77928
Petras, K. *see* Novak, E. 79557
Petras, P. *see* Senaj, V. 53035
Petrash, G.G. *see* Isaev, A.A. 94344
Petrash, G.G. *see* Isaev, A.A. 94625
Petrash, G.G. *see* Markova, S.V. 94353
Petravic, M. *see* Svensson, B.G. 49856
Petravic, M. *see* Svensson, B.G. 93158
Petravic, M. *see* Williams, J.S. 81474
Petravich, G. *see* Von Goeler, S. 59246
Petrazzini, B.A. The politics of telecommunications reform in developing countries 96310
Petre, P., Sarkar, T.K. Planar near-field to far-field transformation using an array of dipole probes 57300
Petre, P., Swaminathan, M. Spectral domain technique using surface wave excitation for the analysis of interconnects 79348
Petrenko, A. *see* Mingyu Yao 61039
Petrenko, A. *see* von Bochmann, G. 96220
Petrenko, A.A. *see* Ismailov, M.M. 52802
Petrenko, A.A. *see* Ismailov, M.M. 53081
Petrenko, B.Z. *see* Kiemle, C. 77403
Petrenko, B.Z. *see* Smirnov, M.T. 77376
Petrenko, S.V. *see* Batalin, V.A. 98496
Petrenko, Yu.N., Sarkhan atef Issasukhel', Strochuk, D.V. A DC-decoupled current regulator for a semiconductor electric drive 60511
Petrescu, D. *see* Tabus, I. 64620
Petrescu, D. *see* Tabus, I. 95966
Petrescu-Prahova, I.B., Buda, M., van de Roer, T.G. Design of a 1 W, single filament laser diode 94539
Petri, A. *see* Alippi, A. 72380
Petri, B. Signalling support for multimedia communications in ATM networks 85865
Petri, D. *see* Bertocco, M. 74012
Petri, D. *see* Carbone, P. 66165
Petri, D. *see* Carbone, P. 75889
Petri, R., Brault, P., Vatel, O., Henry, D., Andre, E., Dumas, P., Salvan, F. Silicon roughness induced by plasma etching 62467
Petrich, G.S. *see* Lu, K. 54856
Petrich, G.S. *see* Lu, K. 61281
Petrich, M. The translational hull of a normal cryptogroup 91170
Petrick, N., Caird, A.J., Martin, J.B. Windows-based acquisition and image reconstruction for a multi-element imaging system 98725
Petrick, N., Hero, A.O., III, Clinthorne, N.H., Rogers, W.L. A fast least squares arrival time estimator for scintillation pulses 98703
Petrick, N., Hero, A.O., III, Clinthorne, N.H., Rogers, W.L., Slosar, J.M. Least squares arrival time estimators for single and piled up scintillation pulses 87964
Petrick, N. *see* Martin, J.B. 88270
Petridis, V. *see* Bakirtzis, A. 77909
Petrie, G. *see* Amin, A.M. 53527
Petrikov, V.D. *see* Biryulin, Yu.F. 81129
Petrillo, K. *see* Pomerene, A. 81597
Petrin, M., Len, T., Kalinowski, J. An aircraft susceptibility model for IR threat analysis 53498
Petrinski, J.N. *see* Dimitrov, D.A. 58680
Petris, A., Tibuleac, S., Voicu, L. Fidelity measurement methods for phase conjugation by degenerate four wave mixing in photorefractive BTO crystals 64026
Petris, M.De *see* De Petris, M.
Petriu, D.C. *see* Yeung, S.K. 74389
Petriu, E. *see* Archibald, C. 76074
Petriu, E.M. *see* McMath, W.S. 97887
Petriu, E.M. *see* McMath, W.S. 97993
Petriu, E.M. *see* Yeung, S.K. 74389
Petrizzelli, M. *see* Andreone, D. 58775
Petro, D.W. *see* Lowery, T.F. 60519
Petrocco, G. *see* Michelotti, F. 56390
Petrocokino, D. On the workings of electric networks out of synchronism and the spontaneous recovery of synchronism 68573
Petroff, P. *see* Gingrich, D. 53291
Petroff, P.M. Growth and properties of self assembling quantum structures on GaAs surfaces 48917
Petroff, P.M. Properties of GaAs-AlGaAs quantum wire superlattices grown by molecular beam epitaxy 71192
Petroff, P.M. *see* Bressler-Hill, V. 91441
Petroff, P.M. *see* Kikkawa, J.M. 81442
Petroff, P.M. *see* Leonard, D. 54841
Petroff, P.M. *see* Reaves, C.M. 54926
Petrolini, A. *see* Adam, W. 88114
Petrolo, E., Veneziano, S. Use of GaAs circuits for first level muon triggering at LHC 53107
Petrolo, E. *see* Mirabelli, G. 62952
Petrolo, E. *see* Moers, T. 67364
Petroni, M., Malowany, A.S., Johnston, C.C., Stevens, B.J. A new, robust vocal fundamental frequency (F_0) determination method for the analysis of infant cries 76887
Petropoulos, H., Koechner, D., Eaton, R.P., Hart, B.L., Brooks, W.M. Exponential filters to extract small structures in noisy images 74420
Petropoulos, K.P. *see* Stassinopoulos, G.I. 65442
Petropoulos, P.G. Phase error control for FD-TD methods of second and fourth order accuracy 73212
Petropoulos, P.G. *see* Volakis, J.L. 51066
Petropulu, A.P. Identifiability of blind deconvolution of non-white signals 95547
Petrosian, P.T. *see* Amerov, A.K. 73046
Petrosino, A. *see* Ceccarelli, M. 51707
Petrosjanc, K.O., Adonin, A.S., Kharitonov, I.A., Sicheva, M.V. SOI device parameter investigation and extraction for VLSI radiation hardness modeling with SPICE 62977
Petrosjanc, K.O., Kharitonov, I.A. VLSI device parameters extraction for radiation hardness modeling with SPICE 50068
Petrosjanc, K.O., Maltcev, P.P. Mixed electrical-thermal and electrical-mechanical simulation of electromechatronic systems using PSPICE 91731
Petroski, S.B. *see* Leahy, M.B., Jr. 59657
Petrosyan, A.G. Crystal growth of laser oxides in the vertical Bridgman configuration 48905
Petrot, F. *see* Greiner, A. 93599
Petrou, M. *see* Boukouvalas, C. 91101
Petrou, M. *see* Christmas, W.J. 74385
Petrou, M. *see* Illingworth, J. 57703
Petrou, M. *see* Palmer, P.L. 84630
Petrou, M. *see* Song, K.Y. 69608
Petrou, M. *see* Tai, A. 84650
Petrov, A. *see* Yakovlev, A. 80245
Petrov, A.I. *see* Rozhkov, V.A. 82816
Petrov, A.L. *see* Igoshin, V.I. 63653
Petrov, A.L. *see* Kazakevich, V.S. 63655
Petrov, A.L. *see* Zaikin, A.E. 60946
Petrov, A.V. *see* Gorelov, A.M. 56480
Petrov, B.Ye. Energy potential of varicaps and a sync-signal source as frequency control elements of self-excited oscillators 80645
Petrov, D.V. *see* Dolgopolov, V.G. 56379
Petrov, E. *see* Perelstein, E. 76542
Petrov, G.V. *see* Kovtunov, D.A. 80165
Petrov, L.P., Andryushchenko, O.A., Vychuzhanin, A.A., Tubis, Ya.B. Mass-produced controllable asynchronous electric drive with improved power and dynamic characteristics 69082
Petrov, M.P., Kiyan, R.V., Kuzin, E.A., Rogacheva, E.A., Spirin, V.V. Gain saturation in three- and four-level fiber amplifiers 72727
Petrov, M.P., Kiyan, R.V., Kuzin, E.A., Spirin, V.V. In-line erbium fiber laser with self-rotation of the ellipse of polarization 56719
Petrov, M.P. *see* Bryksin, V.V. 72734
Petrov, P.G. *see* Gavrilov, I.M. 63064
Petrov, S. *see* Jach, C. 68677
Petrov, V., Seifert, F., Noack, F. High repetition rate traveling wave optical parametric generator producing nearly bandwidth limited 50 fs infrared light pulses 73066
Petrov, V., Seifert, F., Noack, F. Visible optical parametric generator producing nearly bandwidth-limited femtosecond light pulses at 1-kHz repetition rate 94653
Petrov, V. *see* Arbuzov, V. 67173
Petrov, V. *see* Coleman, P. 67076
Petrov, V. *see* Seifert, F. 63956
Petrov, V. *see* Seifert, F. 94599
Petrov, V.A. *see* Kruglikov, E.G. 93010
Petrov, V.M. *see* Bengin, V.V. 77106
Petrov, V.M. *see* Goren, Y. 67090
Petrov, V.M. *see* Kwiatkowski, S. 67111
Petrov, V.N. *see* Golubok, A.O. 54831
Petrov, V.N. *see* Ledentsov, N.N. 70012
Petrov, V.V., Ageev, V.M. Selection of a regularization parameter in the solution of ill-posed problems in information processing 57318
Petrov, V.V., Kryuchin, A.A., Kostenko, I.O., Gritsenko, K.P. Metal-polymeric recording media intended for optical data recording 72287
Petrov, V.V., Zimenko, V.I., Kravez, V.G., Sushko, A.M., Dargeyko, A.M. New registration medium with optional luminescence stimulation 72288
Petrov, Y.S. *see* Kirichenko, O.V. 87216
Petrov, Y.S. *see* Kulchin, Y.N. 52909
Petrov, Yu.A. Organization of monitoring the safety of hydraulic structures of the Volga-Lenin hydroelectric station 99970
Petrov, Yu.B. Use of local area networks in measurement and computation systems for ocean hydrophysical investigations 67851
Petrova, A.A. *see* Bairamov, R.B. 99819
Petrova, I.R. *see* Flegontov, Yu.A. 63502
Petrova, L. *see* Anishchenko, N. 94012
Petrova, M.V. *see* Golovanov, A.P. 60086
Petrova, P.S. An application of some PN-orientated techniques for protocol design 51824
Petrova, S.I. On the use of iterative refinement preconditioners based on domain decomposition 61148
Petrova, V.P. *see* Zvyagin, I.P. 62221
Petrovic, G. *see* Barbaric, Z. 74351
Petrovic, I. *see* Zuzic, M. 69066
Petrovic, M., Belic, M. Vectorial two-beam mixing in photorefractive crystals 63990
Petrovic, M. *see* Belic, M. 73074
Petrovic, M. *see* Krasnjuk, V. 97624
Petrovic, P. *see* Zatroch, M. 72010
Petrovic, R., Roehr, W., Cameron, D., Tano, K. Performance analysis of digital FM in simulcast environment 65674
Petrovic, R., Roehr, W., Cameron, D.W. Multicarrier modulation for narrowband PCS 97149
Petrovic, T.B., Garabandic, D.S. Modern robust controller design for PWM DC/DC converters 60328
Petrovic, T.B. *see* Trutnovski, N.S. 60527
Petrovic, Z.L. *see* Nakano, N. 55815
Petrovskii, V.N. *see* Anishchenko, M.L. 72671
Petrovsky, E. *see* Hejda, P. 71951
Petrovsky, V.I. *see* Orlova, E.V. 56153
Petrowski, M., Chester, D.B., Young, W.R. Single chip digital down converter architecture 70597
Petrowski, M. *see* Olmstead, C. 75192
Petrowski, M. *see* Olmstead, C. 95364
Petroy, S. *see* Bruegge, C.J. 63539
Petrucci, G., Tommasini, D. The ELETTRA storage ring magnets 76673
Petrucci, L. *see* Finkel, A. 48804
Petrucci, M. *see* Johnson, R. 79391
Petrukhina, L.A. *see* Rayevsky, I.P. 82187
Petrusenko, I.V., Yakovelev, A.B., Gnilenko, A.B. Method of partial overlapping regions for the analysis of diffraction problems 57095
Petrushevskii, Yu.V. *see* Dubrovka, F.F. 57491
Petruzzelli, V. *see* D'Orazio, A. 51174
Petruzzello, J., Drenten, R., Gaines, J.M. Improvement in lasing characteristics of II-VI blue-green lasers using quaternary and ternary alloys to produce pseudomorphic heterostructures 72867
Petruzzello, J. *see* Li, L.K. 55727
Petry, B., Vieira, R.M. An investigation of transient phenomena in pumped-storage plants 78508
Petry, D. *see* Allport, P.P. 76752
Petry, F. Background recognition in germanium detectors by pulse shape analysis 59162
Petry, F.E. *see* Buckles, B.P. 95834
Petry, H.-P., Oehler, U., Tell, H. Planar antennas with polarisation-diversity properties for future mobile radio applications 58312
Petry, H.-P., Oehler, U., Tell, H. Planar antennas with polarisation-diversity characteristics for future mobile radio applications 65696
Petrykin, V.S. *see* Artemov, A.A. 94698
Petschek, R.G. *see* Crandall, K.A. 72471
Pett, J.G. *see* Barnett, I. 76827
Pettengill, D.F. *see* Vook, D. 61908
Pettenkofer, C. *see* Lang, O. 69971
Pettenkofer, C. *see* Lang, O. 71154
Pettenkofer, C. *see* Loher, T. 70038
Pettenpaul, E. *see* Giannini, F. 80872
Pettersen, E.K. *see* Williams, D.A. 81409
Pettersen, T. *see* Heino, P. 60882
Petterson, B. *see* Drotning, W. 81044
Petterson, O. *see* Crawford, J.F. 77054
Pettersson, H. *see* Svanberg, S. 50784
Pettersson, H. *see* Vegfors, M. 98860
Pettersson, K.G. *see* Eriksson, A. 90312
Pettersson, L. *see* Shuchman, R.A. 77432
Pettersson, P. Image representation of wave propagation on wires above, on and under ground 68179
Pettersson, S.G. *see* Svanberg, S. 50784
Petterteig, A. *see* Torvetjonn, G.J. 68770
Petti, C. *see* Helm, M. 71799
Petti, C. *see* Ting, W. 81563
Pettiette-Hall, C. *see* Jackson, C.M. 49642
Pettigrew, R.D. *see* Strang, W.M. 89255
Pettit, E.L., Jr. *see* Plummer, C.W. 89243
Pettit, G.D. *see* Tiwari, S. 63858
Pettit, G.D. *see* Tiwari, S. 72791
Pettiti, G., Cumani, A., Grattoni, P., Guiducci, A., Pollastri, F., Rebaglia, B. Third-eye guided telemeter for high-precision positional measurement 75866
Pettitt, A. *see* Bishop, A. 97015
Pettitt, B.M. *see* McCammon, J.A. 91380
Pettitt, C. *see* Turner, A. 98114
Pettitt, G.A. *see* Lee, W.S. 52587
Pettitt, G.A. *see* Lee, W.S. 65808
Pettorruso, S. *see* Basile, G. 86982

Pettorruso, S. *see* Sacconi, A. 86981
Petty, C.C. *see* Goulding, R.H. 51271
Petty, J.S. *see* Clawson, L.G. 60630
Petty, M., Tsibouklis, J., Petty, M.C., Feast, W.J. A TGS/70:30 VDF:TrFE copolymer composite: thin film formation and pyroelectric properties 71847
Petty, M.C. *see* Pearson, C. 62867
Petty, M.C. *see* Petty, M. 71847
Petty, M.C. *see* Williams, G. 63588
Petty, R. *see* Godber, S.X. 76085
Petty, S.M. *see* Shell, J.S. 58370
Petuchov, D.P. *see* Belolaptikov, I.A. 59156
Petukhov, V.O. *see* Gorobets, V.A. 63665
Petukhov, V.O. *see* Gorobets, V.A. 82915
Petukhov, V.S. *see* Orlov, A.V. 77383
Petukhov, V.S. *see* Orlov, A.V. 94729
Petukhov, V.V. *see* Zakharov, Yu.I. 88133
Petz, N.H. *see* Koziol, B. 65354
Petzing, J.N. *see* Ogunjimi, A.O. 54434
Petzold, H. *see* Hellmann, R. 86577
Petzoldt, J. *see* Hempel, H. 68196
Petzow, G. *see* Reinsch, B. 49012
Peuch, J.C. *see* Damata, W. 90703
Peupelmann, J. *see* Daring, H. 75453
Peura, R. *see* Masi, J. *(editor)* 54323
Peura, R.A. *see* Auerbach, A.H. 67437
Peura, R.A. *see* Walker, G.W. 67548
Peura, R.A. *see* Wei Wei 67545
Peuse, B., Rosekrans, A. Rapid thermal processing using in-situ wafer thermal expansion measurement for temperature control 62345
Peuser, F.A. *see* Croy, R. 66774
Peuser, P. *see* Schmitt, N.P. 82989
Peuto, A. *see* Basile, G. 86982
Peuto, A. *see* De Bievre, P. 86970
Peuto, A. *see* Sacconi, A. 86981
Peuzin, J.C., Gay, J.C. Demonstration of the waveguiding properties of an artificial surface reactance 80554
Pevler, J. *see* Chang, J.S. 68419
Pevnyi, A.B. The Green function for a difference analogue of a polyharmonic operator and discrete splines 79688
Pevtsov, E.F. *see* Orlova, E.V. 56153
Pevzner, V.V. *see* Kurnosov, N.M. 89136
Pew, J.C. *see* Lekas, J.S. 81707
Pewitt, E.G. *see* Harding, D.J. 76674
Pey, K.L., Chim, W.K., Phang, J.C.H., Chan, D.S.H. Optoelectronic material analysis and device failure analysis using SEM cathodoluminescence 63595
Peyaud, B. *see* Fanti, V. 76788
Peyghambarian, N. *see* Meerholz, K. 94040
Peyghambarian, N. *see* Murray, J.T. 56859
Peyraque, L., Beroual, A., Boisdon, C., Buret, F. Static electrification phenomena of insulating materials for power transformers 90059
Peyravian, M. An improved selective repeat protocol and its performance in high-speed environments 85324
Peyrin, F. *see* Baskurt, A. 88465
Peyromaure, J. *see* Fougeron, C. 67086
Peyton, A.J., Abou-Fakher, Y., Wilson, B. Analysis of a composite amplifier technique for optimum noise performance 61570
Peyton, A.J. *see* Yu, Z.Z. 86998
Peyton, B.P. *see* Fehl, D.L. 67411
Pezelj, V. *see* Thompson, B.E. 66772
Pezeshki, B., Kash, J.A., Kisker, D.W., Tong, F. Multiple wavelength light source using an asymmetric waveguide coupler 72831
Pezeshki, B., Kash, J.A., Kisker, D.W., Tong, F. Wavelength sensitive tapered coupler with antiresonant waveguides 94145
Pezeshki, B., Tong, F.F., Kash, J.A., Kisker, D.W. Vertical cavity devices as wavelength selective waveguides 97345
Pezoldt, J. *see* Zollner, J.-P. 93100
Pfaeffli, J.L. Funds for projects and studies of electricity economy 89180
Pfaff, A. Test high-speed drivers with bursts and pseudorandom bit patterns 66592
Pfaff, G. Effect of powder preparation and sintering on the electrical properties of tin dioxide-based ceramic gas sensors 66574
Pfaff, W. *see* Weinmann, D. 55623
Pfaffle, H., Sondermann, P., Strack, P.H. Operating experience with a power station operation optimization system as an instrument of energy control at Stadtwerke Dusseldorf AG 89549
Pfannschmidt, G. *see* Tilgner, R. 79329
Pfeffer, H. *see* Kirchgessner, J. 67104
Pfeffer, N. *see* Charra, F. 56912
Pfeffer, N. *see* Fichou, D. 50443
Pfeffer, R.L. *see* Dubey, M. 54829
Pfeifer, C. *see* Hof, M. 67310
Pfeiffer, A. *see* Scheibener, P. 77157
Pfeiffer, A. *see* Schiebener, P.J. 53521
Pfeiffer, G. Maximum likelihood sequence estimation of minimum shift keying modulated signals using a Hopfield neural network 64532
Pfeiffer, J.J., Jr. *see* Zhaoxin Pan 96009
Pfeiffer, K. *see* Biebricher, M. 56464
Pfeiffer, L. *see* Schubert, E.F. 49851
Pfeiffer, L. *see* Wegscheider, W. 94461
Pfeiffer, L.N. *see* Ashkinadze, B.M. 62183
Pfeiffer, L.N. *see* Schubert, E.F. 56511
Pfeiffer, M. *see* Collins, R.A. 76096
Pfeiffer, N. *see* Lingxiong Shao 67467
Pfeiffer, Th., Veith, G. Tunable fibre source for picosecond pulses around 1.55 μm with repetition rates up to 20 GHz 94416
Pfeiffer, W., Graf, T. Propagation and attenuation of overvoltages in low-voltage installations 89218
Pfeiffer, W. *see* Gral, T. 60305
Pfender, E. *see* Zhou, X. 62040
Pfender, E. *see* Zhuang, Q.D. 70080
Pfiester, J.R., Kenkare, P.U., Subrahmanyan, R., Lin, J.-H., Crabtree, P. Nitride-clad LOCOS isolation for 0.25 μm CMOS 71803
Pfiester, J.R., Lin, J.-H., Mocala, K., Ku, Y.-C., Higman, J., McNelly, T., Blackwell, M., Kaushik, V., James, B.M., Hegde, R.I. A compact inverted-spacer TFT for high-density SRAMs 70482
Pfiester, J.R., Woo, M., Fitch, J.T., Schmidt, J. Reverse Elevated Source/Drain (RESD) MOSFET for deep submicron CMOS 63010
Pfiester, J.R. *see* Kenkare, P.U. 93631
Pfiester, J.R. *see* Kenkare, P.U. 93660
Pfister, B., Schaub, A. Automatic telephone directory 65202
Pfister, M., Johnson, M.B., Alvarado, S.F., Salemink, H.W.M., Marti, U., Martin, D., Morier-Genoud, F., Reinhart, F.K. Atomic structure and luminescence excitation of $GaAs/(AlAs)_n(GaAs)_m$ quantum wires with the scanning tunneling microscope 71313
Pfistner, C., Weber, R., Weber, H.P., Merazzi, S., Gruber, R. Thermal beam distortions in end-pumped Nd:YAG, Nd:GSGG, and Nd:YLF rods 72757
Pfitzmann, D., Muller, T. The test mobile station (TMS), a measurement and test equipment for the GSM system 75229
Pfiz, T. *see* Munch, K.-H. 76851
Pflasterer, C.A., Haldeman, D.G. Computer emulator applications 88699
Pflasterer, C.A. *see* Finley, R.W. 59443
Pflasterer, R., Adapa, R., Ching-lu Lin, Keronen, J. Expert systems: EPRI perspective 68109
Pflasterer, R. *see* Patel, D. 68111
Pflug, L. *see* Inaudi, D. 87267
Pflug, L. *see* Rastogi, P.K. 83348
Pflug, L.A., Ioup, G.E., Ioup, J.W. Sampling requirements for nth-order correlations 57479
Pfluger, J. *see* Buschhorn, G. 76859
Pfluger, P. *see* Worring, M. 57683
Pfluger, P.R. *see* Neamtu, M. 79652
Pfluger, T., Maier, M. BRSIM — a hybrid-simulation and visualization tool for bridged LANs 51873
Pfob, H. *see* Heinemann, G. 60054
Pforr, R., Ronse, K., Jaenen, P., Jonckheere, R., Van de hove, L., van Oorschot, P., Leuhrmann, P. Improvement of the focus-exposure latitude using optimised illumination and mask design 71461
Pforr, R. *see* Kunze, D. 62605
Pforr, R. *see* Ronse, K. 71462
Pfotenhauer, J.M. *see* Hilal, M.A. 82499
Pfranger, R. *see* Plusa, D. 50217
Pfurtscheller, G. *see* Flotzinger, D. 98892
Pfurtscheller, G. *see* Peltoranta, M. 53438
Pfutzner, H. Rotational magnetization and rotational losses of grain oriented silicon steel sheets—fundamental aspects and theory 82250
Pfutzner, H., Bengtsson, C., Booth, T., Loffler, F., Gramm, K. Three-dimensional flux distributions in transformer cores as a function of package design 90062
Pfutzner, H. *see* Booth, T. 63140
Pfutzner, H. *see* Loffler, F. 68669
Pfutzner, H. *see* Loffler, F. 72171
Pfutzner, H. *see* Nakesch, H. 77000
Phadke, A.G. *see* Baldwin, T.L. 59673
Phadke, A.G. *see* Burnett, R.O., Jr. 89019
Phadke, A.G. *see* Chaudhary, A.K.S. 68291
Phadke, A.G. *see* Sollero, R.B. 90060
Phadke, A.G. *see* Yang, L. 78202
Pham, C., Harton, P.L., Simhal, S.K. Radar cross section measurements in space 99069
Pham, D., Alexander, M., Arizpe, A., Burgess, B., Dietz, C., Eisen, L., El-Kareh, R., Eno, J., Gary, S., Gerosa, G., Goins, B., Golab, J., Golla, R., Harris, R., Ho, B., Ho, Y.-W., Hoover, K., Hunter, C., Ippolito, P., Jessani, R., Kahle, J., Kishore, K.R., Kuttanna, B., Litch, S., Mallick, S., Ngo, T., Ogden, D., Olson, C., Park, S.-H., Patel, R., Pham, M., Prado, J., Reeve, S., Reininger, R., Sanchez, H., Schiffli, M., Slaton, J., Thuraisingham, G., Torku, K., Cang Tran, Vanderschaaf, N., Voldstad, P. A 3.0 W 75SPECint92 85SPECfp92 superscalar RISC microprocessor 92287
Pham, D. *see* Bechade, R. 92285
Pham, D.T., Wu, M.H. Diagnosis of faults in the fuel injection system of a forging machine using fuzzy sets theory 61037
Pham, H. Optimal system-profit design of series-parallel systems with multiple failure modes 54594
Pham, H., Malon, D.M. Optimal design of systems with competing failure modes 69641
Pham, H. *see* Phan, H.K. 58034
Pham, H.Q. *see* Argade, P.V. 70586
Pham, H.T. *see* Bowen, L.J. 99338
Pham, K. *see* Bourissou, A. 67799
Pham, L., Tjhen, W., Ye, C., Polla, D.L. Surface-micromachined pyroelectric infrared imaging array with vertically integrated signal processing circuitry 76061
Pham, L. *see* Lum, N. 58851
Pham, L.V., Wager, J.F., Sun, S.S., Dickey, E., Tuenge, R.T., King, C.N. Electrical characterization of blue electroluminescent devices 87384
Pham, M. *see* Pham, D. 92287
Pham, M.T., Howitz, S., Kunath, C., Kurth, E., Kohler, H. Backside membrane structures for ISFETs applied in miniature analysis systems 66222
Pham, N. *see* Morello, A. 58554
Pham, T.G., Turkkan, N. Reliability of a standby system with beta-distributed component lives 61014
Pham, T.G., Turkkan, N. The Lorenz and the scaled total-time-on-test transform curves: a unified approach 61015
Pham, V.D. *see* Tixador, P. 53841
Pham, V.D. *see* Verhaege, T. 53840
Pham, V.D. *see* Verhaege, T. 89367
Pham Chau *see* Chau Pham
Pham Cong-Kha *see* Cong-Kha Pham
Pham Luu *see* Luu Pham
Phan, H.K., Pham, H. Reliability analysis of emergency telecommunication systems in nuclear power plants 58034
Phan, N. *see* Gruver, M. 92258
Phan, N. *see* Hilker, S. 92127
Phan Hong Khoi *see* Maneval, J.-P. 63283
Phang, J.C.H. *see* Pey, K.L. 63595
Phansalkar, V.V. *see* Sastry, P.S. 61080
Pharabod, F. *see* Dessus, B. 68496
Phatak, D.S., Koren, I. Hybrid signed-digit number systems: a unified framework for redundant number representations with bounded carry propagation chains 70401
Phatak, D.S. *see* Marvin, W.B. 56491
Phatak, G., Lal, R. Deposition and properties of cadmium oxide films by activated reactive evaporation 61380
Phatak, S.B. *see* Carver, G.E. 61437
Phelan, P., McDonald, D., Egan, A., Hegarty, J., O'Dowd, R., Farrell, G., Lindgren, S. Comparison of self-pulsation in multisection lasers with distributed feedback and intracavity saturable absorbers 50723
Phelan, P.E. *see* Hijikata, K. 79417
Phelps, A.D.R. *see* McNeil, B.W.J. 63621
Phelps, C.W. *see* Nakagawa, K. 82665
Phelps, D.A. *see* Moeller, C.P. 51231
Phelps, M.E. *see* Cherry, S.R. 88092
Phelps, M.E. *see* Lin, K.P. 98828
Phelps, R. *see* Barakat, M. 98712
Phelps, R. *see* Meyer, K. 51985
Phelps, R.A. *see* Blinov, B.B. 87861
Phelps, R.A. *see* Metz, R.F. 88916
Phil, D. *see* Tiller, D.K. 69024
Philip, A., Radhakrishnan, P., Nampoori, V.P.N., Vallabhan, C.P.G. Monitoring the photobleaching of cresyl violet in polyvinyl alcohol using the photoacoustic effect 73042
Philip, O.G., Schmidl, W.D., Hassan, Y.A. Development of a high speed particle image velocimetry technique using fluorescent tracers to study steam bubble collapse 89519
Philipchenko, A. *see* Erg, G. 67200
Philipchenko, A. *see* Korchuganov, V. 66999
Philipchenko, A. *see* Korchuganov, V. 76664
Philipossian, A., Van Wormer, K. Fluid dynamics analysis of atmospheric thermal silicon oxidation reactors using dispersion models 62491
Philipossian, A. *see* Soleimani, H.R. 62492
Philipossian, A. *see* Verhaverbeke, S. 62494
Philipossian, A. *see* Werkhoven, C. 62493
Philipp, S., Smadja, M. Approximation of granular textures by quadric surfaces 74585
Philippakis, M., Parini, C.G. Diffraction effects of a tape covering the gaps of a panelled 'compact range' operating at millimetre waves 51222
Philippe, J.-L. *see* Martin, E. 49050
Philippe, L. *see* Malengreau, F. 49011
Philips, B., Olver, A.D. Design and performance of profiled dielectric loaded horns 94994
Philips, B.A., Norman, A.G., Seong, T.Y., Mahajan, S., Booker, G.R., Skowronski, M., Harbison, J.P., Keramidas, V.G. Mechanism for CuPt-type ordering in mixed III-V epitaxial layers 61299
Philips, D., Dupre, L., Cnops, J., Melkebeek, J. The application of the Preisach model in magnetodynamics: theoretical and practical aspects 63158
Philips, N. *see* van de Laar, F. 52683
Philips, W. Coding properties of time-warped polynomial transforms 57504
Philips, W. Weakly separable bases for fast segmented image coding 74371
Phillip, S.M. *see* Welland, D.R. 93886
Phillipps, M.B. *see* Sammes, N.M. 68990
Phillips, A.J., Cryan, R.A., Senior, J.M. Performance evaluation of optically pre-amplified PPM systems 58419
Phillips, A.J. *see* Cryan, R.A. 52473
Phillips, A.J. *see* Cryan, R.A. 82569
Phillips, B. CSU/DSUs expand their WAN horizons 52191
Phillips, C. *see* Schormans, J. 64906

Phillips, C.C. *see* Vaghjiani, H.L. 87201
Phillips, C.C. *see* Williams, G.V.M. 56922
Phillips, C.L. Eliminating traditional inspection from the electronics manufacturing process 48713
Phillips, C.W. *see* Haskins, P.S. 98613
Phillips, G. *see* Chester, D.B. 70736
Phillips, G.W. *see* August, R.A. 59114
Phillips, G.W. *see* Chanson, S.T. 74924
Phillips, G.W. *see* McKisson, J.E. 88316
Phillips, G.W. *see* McKisson, J.E. 98727
Phillips, I.W. *see* Chia, L.T. 52241
Phillips, I.W. *see* Nche, C.F. 86703
Phillips, J., Buck, L. Strategic development of regional energy efficiency capability: the Irvine Initiative 78001
Phillips, J. *see* Martens, J. 93934
Phillips, J.E. *see* Russell, T.W.F. 90440
Phillips, J.E. *see* Shafarman, W.N. 100501
Phillips, J.M. *see* Kanamaluru, S. 82336
Phillips, J.R., White, J. A precorrected-FFT method for capacitance extraction of complicated 3-D structures 91825
Phillips, L., Reece, C., Powers, T., Nguyen-Tuong, V. Some operational characteristics of CEBAF RF windows at 2K 67124
Phillips, M. *see* Boiarsky, C. 90808
Phillips, M.C. *see* Swenberg, J.F. 72633
Phillips, M.L. *see* Pollard, J.K. 57934
Phillips, M.R. *see* Morton, P.A. 56750
Phillips, R. *see* Caryotakis, G. 67156
Phillips, R. *see* Ruth, R.D. 66791
Phillips, R.M. The ubitron revisited 55511
Phillips, R.T. *see* Lovering, D.J. 62268
Phillips, S. *see* Guijun Yao 90155
Phillips, S.J. *see* Nayar, C.V. 100976
Phillips, S.J. *see* Vasu, E. 89706
Phillips, T.G. *see* Kooi, J.W. 61612
Phillips, T.L. *see* Diederich, C.J. 98937
Phillips, T.L. *see* Stauffer, P.R. 53447
Phillips, T.M. *see* Ward, C. 85286
Phillips, W., Stanton, M., O'Mara, D., Youli Li, Naday, I., Westbrook, E. CCD-based detector for crystallographic applications using laboratory X-ray sources 58843
Phillips, W. *see* Stanton, M. 59237
Phillips, W.C. *see* Naday, I. 88311
Phillips, W.D. Smoothing the way to fewer fires [nuclear power stations] 99911
Phillips, W.H. *see* Kersting, W.H. 78100
Phillips, W.J., Robertson, W., Sarkar, S. Systolic designs for speech processing 95328
Phillipson, J.T. *see* McHardy, S. 48639
Phillipson, P.E. *see* Ting Chen 93807
Philp, F. *see* Bues, D. 66118
Philp, W.R., Booth, D.J. Remote excitation and sensing of mechanical resonances in structures using laser diodes and an optical fibre interferometer 66379
Philpott, I.W. *see* Liaw, H.M.C. 67717
Philpott, R.A., Kertis, R.A., Richetta, R.A., Schmerbeck, T.J., Schulte, D.J. A 7 Mbyte/s (65 MHz), mixed-signal, magnetic recording channel DSP using partial response signaling with maximum likelihood detection 49573
Phinney, H.K. *see* Williams, R.B. 58089
Phinney, N. *see* Adolphsen, C. 76537
Phinney, N. *see* Emma, P. 66874
Phinney, R. *see* Patterson, R. 98240
Phipps, C.R., Michaelis, M.M. LISP: laser impulse space propulsion 59523
Phipps, J.G., Jr. *see* Dimolitsas, S. 74877
Phipps, J.G., Jr. *see* Dimolitsas, S. 84103
Phipps, J.K., Nelson, J.P., Sen, P.K. Power quality and harmonic distortion on distribution systems 59930
Phlong, W.S., Elrod, B.D. Availability characteristics of GPS and augmentation alternatives 52659
Phoenix, S.J.D. *see* Barnett, S.M. 64284
Phoenix, S.J.D. *see* Blow, K.J. 72313
Phoenix, S.J.D. *see* Townsend, P.D. 97315
Phon Houng Mau *see* Mau Phon Houng
Phoong, S.-M., Vaidyanathan, P.P. The biorthonormal filter bank convolver, and application in low sensitivity FIR filter structures 80461
Phoong See-May *see* See-May Phoong
Photiadis, D.M., Bucaro, J.A., Corsaro, R.D. Double layer actuator 93772
Phu, P., Ishimaru, A., Kuga, Y. Copolarized and cross-polarized enhanced backscattering from two-dimensional very rough surfaces at millimeter wave frequencies 94774
Phu, P. *see* Ishimaru, A. 73292
Phua Chee Heng, Oruganti, R. Family of two-switch soft-switched asymmetrical PWM DC/DC converters 100265
Phua Cheng Chiang *see* Cheng Chiang Phua
Phung Ngo Quality level allocations 91091
Phuvan, S. Optical implementation of N-wavelet coding for pattern classification 84726
Pi Fei-Peng *see* Lin Wei-Zhu 50751
Pi Hsien Chang, Shung, K.K. Attenuation and backscatter measurements on Albunex 98773
Pi-Chieh Wang *see* Tian-Hua Liu 100135
Pi-Chieh Wang *see* Tian-Rua Liu 100144
Pi-Hui Chao *see* Chih-Lin I 75252
Pi-Rong Sheu *see* Wen-Tsuen Chen 51744
Pi-Yu Chung, Yi-Min Wang, Hajj, I.N. Logic design error diagnosis and correction 80240
Piaguet, J. *see* Ermolieff, A. 71228
Pial, H. *see* Walesch, H. 86976
Pialucha, T., Cawley, P. The detection of thin embedded layers using normal incidence ultrasound 99379
Pianciola, A., Tambosso, T. Short-length single-mode fibre wavelength-independent attenuators 52502
Pianetta, P. *see* Brennan, S. 82032
Pianetta, P. *see* Green, A.M. 93203
Pianetta, P. *see* Tatchyn, R. 63875
Pianetta, P. *see* Winick, H. 63870
Pianetta, P. *see* Winick, H. 83178
Piano Mortari, G. *see* Benetti, P. 67327
Piano Mortari, G. *see* Benetti, P. 67328
Piano Mortari, G. *see* Cennini, P. 67285
Piano Mortari, G. *see* Cennini, P. 76755
Piao Hu Ching *see* Ching Piao Hu
Piao Youzhi *see* Zhang Yueqing 83394
Piasecki, D.S. *see* Kerth, D.A. 97874
Piasecki, M.A. *see* Orvek, K. 71488
Piau, P., Bruniquel, J., Cael, J.-C., Deschaux, M., Lopes, A. Analysis of the resolution of a multitemporal SAR system 77625
Piazza, E. *see* Pellegrini, P.F. 57803
Piazzini, G. *see* Maini, M. 90877
Piazzoli, A. *see* Benetti, P. 67327
Piazzoli, A. *see* Benetti, P. 67328
Piazzoli, A. *see* Cennini, P. 67285
Piazzoli, A. *see* Cennini, P. 76755
Piazzoli, B.D'Ettorre *see* D'Ettorre Piazzoli, B.
Picard, A. *see* Bauer, H.-D. 82702
Picard, H.E. *see* Macklin, H.R. 78258
Picard, M. *see* Einfeld, D. 59217
Picard, M. *see* Einfeld, D. 66834
Picard, M. *see* Goetz, T. 76622
Picard, R.W., Kabir, T. Finding similar patterns in large image databases 84978
Picard, Y., Thompson, C.J. Determination of the centroid of interaction of crystals in block detectors for PET 88414
Picard, Y., Thompson, C.J. Determination of the centroid of interaction of crystals in block detectors for PET 98843
Picardi, C. *see* Muraca, P. 78868
Picart, A. *see* Glavieux, A. 57334
Picasso, M., Marsden, C.F., Wagniere, J.-D., Frenk, A., Rappaz, M. A simple but realistic model for laser cladding 50989
Piccaro, M.F. *see* Toker, E. 59346
Picchi, P. *see* Benetti, P. 67327
Picchi, P. *see* Benetti, P. 67328
Picchi, P. *see* Cennini, P. 67285
Picchi, P. *see* Cennini, P. 76755
Picci, G. *see* Soatto, S. 96019
Piccinini, G. *see* Civera, P. 49347
Piccinini, G. *see* Demarchi, D. 55285
Piccinini, P., Rivetti, G. Components for the automation of industrial power plants 60632
Piccioli, N. *see* Bringuier, E. 73062
Piccirilli, M.C. *see* Liberatore, A. 91095
Piccirilli, M.C. *see* Manetti, S. 60315
Piccirillo, S. *see* Teghil, R. 48920
Picco, R. *see* Bellifemine, F. 51652
Picco, R. *see* Cafforio, C. 64833
Piccolella, S. *see* Ciccacci, F. 92862
Piccone, D.E. *see* Somos, I.L. 62731
Piccotti, A. *see* Baglin, C. 59083
Piccotti, A. *see* Martin, A. 67356
Picel, Z. *see* Goldenberg, O. 65486
Pichaud, B. *see* Acerboni, S. 81196
Pichaud, B. *see* Laurent, B. 81379
Piche, M. Mode locking through nonlinear frequency broadening and spectral filtering 56846
Piche, M., Cormier, J.-F., Salin, F. Temporal reshaping in mode-locked solid-state lasers 56651
Piche, M. *see* Cormier, J.-F. 56650
Piche, M. *see* Cormier, J.-F. 82982
Piche, M. *see* Langlois, P. 56829
Piche, M. *see* Xiaonong Zhu 56823
Pichel, W.G. *see* Maturi, E.M. 99268
Picheny, M. *see* Das, S. 73848
Picheny, M.A. *see* Bahl, L.R. 84109
Picheny, M.A. *see* Bellegarda, J.R. 64366
Picheny, M.A. *see* Bellegarda, J.R. 84112
Picherit, F., Belgnaoui, Y., Gauret, J.Cl. Intrinsic sensor using optical fibres for measuring angular positions with a short coherence length source 76027
Picherit, F. *see* Belgnaoui, Y. 76052
Pichery, T. *see* Ronot, C. 66522
Pichler, S. *see* Zerobin, F. 87783
Pichler, W., Leeb, W.R. Target-plane intensity approximation for apertured Gaussian beams applied to heterodyne backscatter lidar systems 86601
Picholle, E. *see* Botineau, J. 63897
Pichon, L. *see* Li, C. 51004
Pichon, L. *see* Sekkak, A. 90645
Pichorim, S.F. *see* Abatti, P.J. 88429
Pichugin, A.P. *see* Grebenev, V.N. 88135
Pichugin, I.I., Tsvetkov, A.M., Simkin, M.S. Features of steam turbine design at the Leningrad Metal Works 89623
Pichugin, S.Yu. *see* Igoshin, V.I. 63652
Picinbono, B. *see* Bondon, P. 84428
Pickard, D.S. *see* Perkins, L.T. 53188
Pickard, R. *see* Brewster, A.E. 98751
Pickard, S. *see* Jabri, M. 49593
Pickel, J.C. *see* Pease, R.L. 71648
Picken, G.H. A review of standards for high-voltage installations 53795
Pickens, D.R. *see* Tompkins, P.A. 67406
Picker, D., Bendak, M.B., Fellman, R.D. A VLSI priority packet queue with overwrite and inheritance 93607
Pickering, C.R. *see* Manca, J. 92822
Pickering, J.R., Wright, P.S. A new wattmeter for traceable power measurements at audio frequencies 87355
Pickering, M.R., Arnold, J.F. A perceptually efficient VBR rate control algorithm 84766
Pickering, W.W., Harley, P.J. FFT solution of the Robbins problem 48892
Pickett, B.A. *see* Kezunovic, M. 78201
Pickett, R. *see* Sharps, P.R. 100668
Pickholtz, R.L. *see* Marafih, N.M. 57716
Pickholtz, R.L. *see* Vojcic, B.R. 65606
Pickholtz, R.L. *see* Vojcic, B.R. 75377
Pickholtz, R.L. *see* Wu, W.W. 86136
Pickholtz, R.L. *see* Ya-Qin Zhang 75352
Pickrell, D.J., Scantini, P.J. Diamond from MCM applications 79345
Pickup, I.E.D. *see* Auckland, D.W. 99465
Pickup, I.E.D. *see* Auckland, D.W. 100108
Pickup, J.F. Compact fluorescent lamps outdoors 54251
Pickworth, G. Coherer-based radio 65569
Picoche, J.C. *see* Aubert, G. 83533
Picon, L.L., Bright, V.M., Kolesar, E.S. Detecting low-intensity magnetic fields with a magnetostrictive fiber optic sensor 87262
Picone, J. Managing software complexity in signal processing research 84223
Picot, P.A., Embree, P.M. Quantitative volume flow estimation using velocity profiles 59356
Picotto, G.B. *see* Desogus, S. 71061
Picozzi, P. *see* Diamanti, R. 61729
Picton, P.D. Fredkin gates as a basis for comparison of different logic design solutions 50647
Picton, P.D. Modified Fredkin gates in logic design 82781
Pidcock, M. *see* Paulson, K. 67517
Piec, Z.S. *see* Smith, B.A. 82465
Piech, H. *see* Wyrzykowski, R. 48853
Pieczynski, A. *see* Korbicz, J. 53694
Pieczynski, W. Hidden Markov fields and iterative conditional estimation 95852
Piedade, M.S. *see* Martins, C.R. 75782
Piedecocq, B. *see* Pellieux, L. 97722
Piedigrossi, D. *see* D'Ambrosio, C. 67286
Piefer, R. *see* Carroll, J.R. 79051
Piegari, A. *see* Flori, D. 72974
Piegari, A. *see* Giuri, C. 72962
Piehler, A. *see* Nebosis, R.S. 66354
Piehler, D., Craven, D. 11.7 mW green InGaAs-laser-pumped erbium fibre laser 94408
Piek, Z. *see* Deis, G. 87958
Piek, Z. *see* Heim, J. 88070
Piekarski, B. *see* Koopman, N. 90959
Piekutowski, M., Litwinowicz, T., Frowd, R.J. Optimal short-term scheduling for a large-scale cascaded hydro system 78489
Piekutowski, M.R., Litwinowicz, T., Frowd, R. Optimal short-term scheduling for a large-scale cascaded hydro system 53957
Piel, H. *see* Hein, M.A. 93944
Piemontese, L. *see* Fanti, V. 76788
Pieper, W., Kurtzke, C., Schnabel, R., Breuer, D., Ludwig, R., Petermann, K., Weber, H.G. Nonlinearity-insensitive standard-fibre transmission based on optical-phase conjugation in a semiconductor-laser amplifier 58380
Piepers, O. Reliability technology as an aid to the management process 79498
Piepho, M. Criteria for selecting insulation material for cable splices 59974
Pieraccini, L. *see* Carla, M. 82102
Pieraccini, R. *see* Agazzi, O.E. 84966
Pieraccini, R. *see* Chin-Hui Lee 57412
Pieraggi, B. *see* Guillemet, J.P. 79914
Pierantoni, A., Ciampolini, P., Liuzzo, A., Baccarani, G. A unified model for the simulation of small-geometry devices 49943
Pierantoni, A. *see* Ciampolini, P. 62645
Pierantoni, A. *see* Ciampolini, P. 87062
Pierantoni, A. *see* Tanaka, K. 49945
Pierantoni, L., Rozzi, T., De Leo, R., Zappelli, L. Numerical modelling of diffraction by objects in GTEM cell 51088
Pierantoni, L. *see* De Leo, R. 80555
Pierattini, G. *see* Abbate, G. 63497
Pierce, A., Casey, D. Gigabit local area networks 58157
Pierce, D.G., Snyder, E.S., Swanson, S.E., Irwin, L.W. Wafer-level pulsed-DC electromigration response at very high frequencies 62518
Pierce, D.G. *see* Snyder, E.S. 62507
Pierce, D.T. *see* Unguris, J. 71976
Pierce, G. *see* Brees, A. 92613
Pierce, J.R. Looking back—Claude Elwood Shannon 48732
Pierce, L. *see* Dobson, M.C. 77303
Pierce, L.E., Dobson, M.C., Wilcox, E.P., Ulaby, F.T. Artificial neural network inversion of tree canopy parameters in the presence of diversity 67921

Pierce, L.E., Sarabandi, I., Ulaby, F.T., Dobson, M.C. Knowledge-based classification of SAR images 77605
Pierce, L.E., Ulaby, F.T., Sarabandi, K., Dobson, M.C. Knowledge-based classification of polarimetric SAR images 88867
Pierce, L.E. *see* Sarabandi, K. 88860
Pierce, L.W. Thermal considerations in specifying dry type transformers 54065
Pierce, L.W. Predicting hottest spot temperatures in ventilated dry type transformer windings 68684
Pierce, L.W. Thermal considerations in specifying dry-type transformers 78693
Pierce, R.D. Application of higher-order statistics for improved radar target detection in sea clutter 65881
Pierce, S. *see* Khatibzadeh, A. 80793
Piercey, R.B. *see* Haskins, P.S. 98613
Piercey, R.B. *see* McKisson, J.E. 88316
Piercey, R.B. *see* McKisson, J.E. 98727
Piercy, A.R. *see* Zhang, Y. 82826
Pierini, P. *see* Acerbi, E. 63871
Pierini, P. *see* Arcioni, P. 63888
Pierini, P. *see* Winick, H. 83178
Pieris, G.R., Sasaki, G.H. Scheduling transmissions in WDM broadcast-and-select networks 75478
Pierleoni, P. *see* Chiaraluce, F. 82571
Pierobon, G.L. *see* Corvaja, R. 52590
Pieroni, F. *see* Annunziato, M. 57804
Pieroux, D., Mandel, P., Otsuka, K. Modulation dynamics in a multimode laser with feedback 56712
Pieroux, D. *see* Otsuka, K. 56711
Pierrat, C., DeMarco, J. Phase-shifting mask fabrication 62581
Pierrat, C., Garofalo, J., Demarco, J., Vaidya, S., Otto, O. A rule-based approach to E-beam and process-induced proximity effect correction for phase-shifting mask fabrication 81612
Pierrat, C., Wong, A., Vaidya, S. Phase-shifting mask topography effects on lithographic image quality 62616
Pierrat, C. *see* Griffith, J.E. 62564
Pierrat, C. *see* Novembre, A.E. 62560
Pierrat, C. *see* Otto, O.W. 71480
Pierrat, C. *see* Raab, E.L. 71503
Pierrat, C. *see* Stolpe, D.J. 60980
Pierrat, L. Stochastic modelling of dielectric failure risk of a transformer due to insulating oil pollution 90075
Pierrat, L. *see* Leitloff, V. 53806
Pierrat, L. *see* Quoc, T.T. 89067
Pierrat, L. *see* Quoc, T.T. 89068
Pierrat, L. *see* Tabaga, S. 90079
Pierrat, L. *see* Wang, Y.J. 68758
Pierre, B. *see* Delorme, F. 83165
Pierre, B. *see* Nakajima, H. 75502
Pierre, B. *see* Nakajima, H. 83174
Pierre, D.A. *see* Fatehi, F. 89039
Pierre, D.A. *see* Sharpe, T.L. 78006
Pierre, F., Thierry, M., Dominique, P., Francoise, V. EDMES: an expert system for process optimization in micro-lithography 81698
Pierre, L., Boudaoud, A., Ginoux, B. An expert system for automatic programming applied on a nuclear plant safety control software 68386
Pierre, S. A learning-by-example method for improving performance of network topologies 74938
Pierre, S. An integrated environment for intelligent topological design 96691
Pierre, S., Bourjolly, J.-M., Hyppolite, M.-A. Application of the method of simulated annealing to the topological design of remote computing networks 96693
Pierrejean, I. *see* Dugas, J. 63378
Pierret, R.F. *see* Venkatesan, S. 49981
Pierri, R. *see* Isernia, T. 73205
Pierri, R. *see* Isernia, T. 73209
Pierrot, P. *see* Nowakowski, S. 69632
Pierson, D., Drobac, S., Parry, D. An 80 MHz MIPS R6000 CPU using multichip module technology 90980
Pierson, D. *see* Khare, R. 93194
Pierson, L.G. *see* Witzke, E.L. 95171
Pierson, R. *see* Choi, D. 92428
Pierson, R.L. *see* Cheskis, D. 63035
Pierson, W.J., Jr. *see* Yuguang Liu 88753
Pierucci, L. *see* Katsaros, E.T. 52397
Pierz, E. *see* Adamiak, K. 49023
Pierzchala, E., Perkowski, M.A., Grygiel, S. A field programmable analog array for continuous, fuzzy, and multi-valued logic applications 55234
Pierzchala, E. *see* Perkowski, M.A. 92071
Piesarkiewicz, T. *see* Demichelis, F. 71142
Piesch, E. *see* Bilski, P. 99012
Piesch, E. *see* Dorschel, B. 67656
Piesch, E. *see* Olko, P. 88607
Piesinger, G.H. *see* Banker, W.A. 78095
Piessens, F., De Decker, B., Janson, P. Interconnecting domains with heterogeneous key distribution and authentication protocols 51813
Piessens, R. *see* Sweldens, W. 91349
Piestrak, S.J. Design of residue generators and multioperand adders modulo 3 built of multiouput threshold circuits 49239
Piestrak, S.J. Design of TSC code-disjoint inverter-free PLA's for separable unordered codes 92026
Piestrak, S.J. Design of high-speed residue-to-binary number system converter based on Chinese Remainder Theorem 95421
Piestrup, M.A. *see* Maruyama, X.K. 67219
Piestrup, M.A. *see* Maruyama, X.K. 76518
Piestun, R., Rosen, J., Shamir, J. Generation of continuous complex-valued functions for a joint transform correlator 74349
Pieterman, K. *see* Knoopers, H.G. 87776
Pietila, T., Vapaakoski, S., Nousiainen, U., Varri, A., Frey, H., Hakkinen, V., Neuvo, Y. Evaluation of a computerized system for recognition of epileptic activity during long-term EEG recording 88493
Pietkiewicz, A. *see* Brkovic, M. 80135
Pietkiewicz, S. Micropower DC/DC converter of very high efficiency 61510
Pietra, S.A.Della *see* Della Pietra, S.A.
Pietra, V.J.Della *see* Della Pietra, V.J.
Pietras, B.W., Bolanowski, S.J. Low cost video scaler and gray scale integrator 76914
Pietro, C.Di *see* Di Pietro, C.
Pietro, W.J. Rectifying junctions based on metallophthalocyanine thin films 55877
Pietrobon, S.S. New TCM codes for 4PSK-2PSK modulation 83932
Pietropaolo, F. *see* Benetti, P. 67327
Pietropaolo, F. *see* Benetti, P. 67328
Pietropaolo, F. *see* Cennini, P. 67285
Pietropaolo, F. *see* Cennini, P. 76755
Pietrosanto, A. *see* Arpaia, P. 96602
Pietrosanto, A. *see* Bernieri, A. 97781
Pietrosanto, A. *see* Betta, G. 98035
Pietrowcew, A. *see* Skarbek, W. 85167
Pietruszka, M. *see* Kozlowski, M. 63249
Pietrzak-David, M. *see* Bouscayrol, A. 68537
Pietrzak-David, M. *see* Siala, S. 89973
Pietsch, G. *see* Poate, J.M. 81198
Pietsch, G. *see* Poate, J.M. 82053
Pietsch, G. *see* Schumacher, M. 90279
Pietsch, G.J., Higashi, G.S., Chabal, Y.J. Chemomechanical polishing of silicon: surface termination and mechanism of removal 62462
Pietsch, U. *see* Metzger, T.H. 98717
Pietsch, W. Measurement of radio channels using an elastic convolver and spread spectrum modulation. II. Results 96975
Pietsch, W., Seifert, F. Measurement of radio channels using an elastic convolver and spread spectrum modulation. I. Implementation 96974
Pietzsch, H., Blumel, D., Friedrich, G., Kiessling, A., Kunert, V. ELEKTRA—a computer program for calculation of power flow, short circuit currents and stability, designed for planning and operation of electrical networks and installations 68152
Pietzuch, V. *see* Zollner, J.-P. 93100
Pifarre, G.D. *see* Berman, P.E. 64968
Piffault, N. *see* Parillaud, O. 54923
Pigeon, F., Pelissier, S., Mure-Ravaud, A., Gagnaire, H., Veillas, C. A polarimetric optical fibre sensor immune to temperature variations for detecting vibrations 87231
Pigini, A., Tomba, A. Evaluation of the surface hydrophobicity of insulators to obtain indications about the pollution performance 53772
Pigini, A. *see* Perin, D. 89331
Pigler, F. Calculation of longitudinal voltages induced by lightning stroke 89360
Piglione, L., Stepanescu, A., Minciunescu, P. A field oriented control for asynchronous motor and its simulation 68637
Piglione, L., Tosoni, M.L., Minciunescu, P. A new type of command for an inverter with IGBT 68883
Pigman, J. *see* McKelvey, D.J. 78959
Pignari, S. *see* Maio, I. 51151
Pignatel, G.U., Pedrolli, F., Cavalleri, A., Bonaldi, M., Vitale, S. Low temperature characterization of compensated silicon bolometers 58750
Pigorsch, C. *see* Stenzel, R. 55854
Pigram, P.J., Timbrell, P.Y., Lamb, R.N., Sceats, M.G., Cox, A.L. Keyed optical V-fiber to silicon V-groove interconnects 82563
Piguet, C. *see* Perotto, J.-F. 80353
Pihlak, U. *see* Krieger, E. 94748
Piironen, P., Mallat, J., Raisanen, A., Jukkala, P. A space-qualified low-noise 22 GHz receiver with high phase stability for VLBI-measurements 86645
Pijolat, C. *see* Bruno, L. 58878
Pikaz, A., Dinstein, I. Using simple decomposition for smoothing and feature point detection of noisy digital curves 74569
Pike, C.M. *see* Tague, J.A. 58502
Pike, I.T., Bowden, D. Comparison of color measurement instruments in the characterization of color output 87570
Pike, S., Bracegirdle, A. Linearity requirements for a GSM base station power amplifier 52438
Pike, W.T. *see* Gunapala, S.D. 66366
Pike, W.T. *see* Hunt, B.D. 82358
Pike, W.T. *see* Hunt, B.D. 93935
Piket-May, M., Taflove, A., Baron, J. FD-TD modeling of digital signal propagation in 3-D circuits with passive and active loads 70344
Piket-May, M. *see* Thomas, V.A. 55091
Pikhtin, N.A. *see* Trifonov, A.S. 83147
Pikin, A. *see* Abrahamsson, K. 76307
Pikin, A. *see* Beebe, E. 53173
Pikin, A. *see* Beebe, E. 67263
Pikin, A.I., Liljeby, L., Beebe, E.N., Bjorkhage, M., Engstrom, A., Paal, A. Vacuum separation of the ionization volume from the cryostat insulating volume in the Stockholm cryogenic electron-beam ion source 53151
Pikkarainen, H. Strategies and network architecture 97246
Pikunov, V.M., Cherepenin, V.A., Chernyavskiy, I.A. Linear analysis of the interaction of a relativistic electron beam and the electromagnetic field of a periodic dielectric medium 94942
Pikunov, V.M. *see* Korniyenko, V.N. 94741
Pikus, F.G. *see* Pikus, G.E. 93007
Pikus, F.G. *see* Raikh, M.E. 71229
Pikus, G.E., Pikus, F.G. Study of the mechanism of the heavy- and light-hole mixing in GaAs/AlAs superlattices by the exciton magnetoluminescence 93007
Pil Joong Lee *see* Chae Hoon Lim 83958
Pil Kim Dong *see* Dong Pil Kim
Pil Lyu Sung *see* Sung Pil Lyu
Pilat, E. *see* Cai, Y. 66902
Pilat, F., Nosochkov, Y., Sen, T., Stiening, R. Dynamic aperture of the chromatically corrected collider lattice 66913
Pilat, F. *see* Ning Sun 66990
Pilat, F. *see* Nosochkov, Y. 98406
Pilat, F. *see* Sen, T. 66883
Pilath, S. *see* Bates, S.J. 53308
Pilato, F. *see* Barich, G.S. 68195
Pilaud, A. *see* Thibault, J.-P. 100773
Pilch, Z. *see* Dawid, Z. 78566
Pilcher, J. *see* Anderson, B.E. 88246
Pile, G. *see* Carwardine, J.A. 78717
Pile, G. *see* Den Hartog, P. 76300
Piletsky, S.A., Parhometz, Yu.P., Lavryk, N.V., Panasyuk, T.L., El'skaya, A.V. Sensors for low-weight organic molecules based on molecular imprinting technique 66258
Piletsky, S.A. *see* Rachkov, A.E. 67441
Pilgrim, S.M. *see* Hom, C.L. 71868
Pilho Yu *see* Jechang Jeong 86735
Pilhofer, K.H. The new digital neutron flow-measuring system in Wurgassen Nuclear Power Plant 78342
Pilipenko, E.A. *see* Utts, S.R. 88363
Pilipetskii, A.N. *see* Golovchenko, E.A. 75465
Piljak, L.M. *see* Smirnov, V.V. 73139
Pilkington, G. *see* Haskard, M.R. 71008
Pilkington, G.A. Static electricity—friend or foe 51016
Pilkington, R.D. *see* Leppavuori, S. 54962
Pilkington, R.D. *see* Levoska, J. 61326
Pilkington, T.C. *see* Malkin, R.A. 77007
Pil'ko, G.V. *see* Danyuk, D.L. 55150
Pill Soo Kim *see* Cha Hwan Oh 56875
Pill Woong Choi, Ki Young Lee, Ha Sung Koo, Hyung Hwa Ko A study on the phoneme segmentation of handwritten Korean characters by local graph patterns on contacting points 74390
Pillage, L.T. *see* Anastasakis, D.F. 55085
Pillage, L.T. *see* Brawhear, R.B. 49317
Pillage, L.T. *see* Dartu, F. 93594
Pillage, L.T. *see* Gupta, R. 91761
Pillage, L.T. *see* Gupta, R. 93528
Pillage, L.T. *see* Menezes, N. 91830
Pillage, L.T. *see* Ratzlaff, C.L. 55087
Pillage, L.T. *see* Seok-Yoon Kim 82041
Pillai, C. *see* Paciotti, M.A. 76401
Pillai, E., Wiesbeck, W. Derivation of equivalent circuits for multilayer printed circuit board discontinuities using full wave models 80978
Pillai, K.K.J. *see* Subramanian, V. 66328
Pillai, M. *see* de Barbaro, P. 98584
Pillai, N.R. *see* Aravamuthan, S. 68948
Pillai, S.R. Design of a multiplier-free VLSI architecture for quadrature mirror filter banks 49561
Pillai, S.Radhakrishnan *see* Radhakrishnan Pillai, S.
Pillath, J. *see* Wiesner, U. 55587
Pillay, P., Schilleci, J.W. DSP controller for a permanent magnet synchronous motor drive 90506
Pillay, P. *see* Haque, T. 89968
Pillay, P. *see* Reynaud, J. 79047
Pillay, P. *see* Samudio, R. 90505
Pillay, P. *see* Sanchez, I. 89969
Piller, M. *see* Weisenberger, A.G. 59136
Pilleul, R. Integrating the VEGA 109FA combined cycle in gasification processes 89691
Pilley, H.R. *see* Pilley, L.V. 65991
Pilley, L.V., Pilley, H.R. GPS, 3-D maps and ADS provide a seamless airport control and management environment 65991
Pilling, N.A., Holmes, R., Jones, G.R. Optically powered hybrid current measurement system 89392
Pilling, N.A. *see* Henderson, P.J. 52832
Pillsbury, R. *see* Deis, G. 87958
Pillsbury, R. *see* Heim, J. 88070
Pillsbury, R.D. *see* Hassenzahl, W.V. 82468
Pillsbury, R.D., Jr. *see* Myatt, R.L. 88071
Pillsbury, R.D., Jr. *see* Schultz, J.H. 89348
Pilon, R. *see* Lucas, D. 65902
Pilsdottir, B. *see* Larsen, E.C. 82968

Pimbley, J. *see* Brown, D.M. 49826
Pimbley, J.M. *see* Cooper, D.K. 51461
Pimenov, S.F. *see* Kachan, M.V. 77457
Pimenov, S.M., Shafeev, G.A., Smolin, A.A., Konov, V.I., Laptev, V.A., Loubnin, E.N. Laser-assisted selective metallization of diamond by electroless nickel and copper plating 81560
Pimenov, S.M. *see* Konov, V.I. 64042
Pimia, M. *see* Huhtinen, M. 59073
Pimiskern, K. *see* Lippmann, G. 67112
Pin, F.G., Watanabe, Y. Navigation of mobile robots using a fuzzy behaviorist approach and custom-designed fuzzy inferencing boards 92294
Pin Ho, Smith, P.M., Hwang, K.C., Wang, S.C., Kao, M.Y., Chao, P.C., Liu, S.M.J. 60 GHz power performance of 0.1 μm gate-length InAlAs/InGaAs HEMTs 55408
Pin Ho *see* Lovejoy, M.L. 71709
Pin Ho *see* Ming-Yih Kao 61916
Pin Ho *see* Wang, Y.H. 87183
Pin-Chieh Hsu, Jiunn-Sing Chao, Tzung-Yuang Chen, Jinn-Jer Peir, Ji-Jung Kai, Shi-Ping Teng, Tien-Ko Wang Radiation protection and dose evaluation of THAR decommissioning 99015
Pin-Zhong Fan *see* Fan Pin-Zhong
Pina, C.A. Implementation of a MCM brokerage service 54514
Pina, G. *see* Balcazar, M. 88171
Pina, R.K., Jones, B., Puetter, R.C. UCSD's mid-IR astronomical array camera 66430
Pina, R.K. *see* Puetter, R.C. 64578
Pinard, J. *see* Jeannot, D. 61983
Pinard, J. *see* Juncar, P. 83242
Pinard, P. *see* Jeanjean, P. 92921
Pinatel, C. *see* Plouchart, J.O. 86225
Pinatel, C. *see* Plouchart, J.O. 97077
Pinatti, D.G. *see* Baldan, C.A. 82439
Pinceti, B. *see* Delfino, B. 69249
Pinceti, P. Application of the FIP fieldbus to protective relays for MV electrical systems 78205
Pincetti, A. *see* Matarazzo, A. 80217
Pinch, R.G.E., Piveteau, J.M. New signature scheme with message recovery [comment and reply] 57319
Pincik, E., Lanyi, S., Nadazdy, V. On the influence of an ultrathin Al overlayer on GaAs plasma oxide growth kinetics 81538
Pincik, E., Thurzo, I., Nadazdy, V., Bartos, J., Jergel, M., Kocanda, J. Formation of anodic plasma oxides on InP, GaAs and Si through Al and Sm overlayers 71360
Pincik, E. *see* Bartos, J. 71399
Pinciroli, F., Combi, C., Pozzi, G., Portoni, L., Negretto, M., Invernizzi, G. Some experiments in compressing angiocardiographic images according to the Peano-Hilbert scan path 76995
Pinck, L.H. *see* Webb, G.W. 83832
Pincombe, A.H., Smyth, N.F. Microwave heating of materials with power law temperature dependencies 79010
Pinczewski, G. *see* Fletcher, J. 67952
Pinczuk, A. *see* Wegscheider, W. 94461
Pine, G. *see* Centen, P. 97689
Pineda, F.J., Andreou, A.G. Analog neuromorphic computation: an application to compression 57617
Pineda, J. *see* Fimia, A. 94681
Pineda de Gyvez, J. Course development in IC manufacturing 90831
Pineda de Gyvez, J. *see* Somayajula, S.S. 49194
Pinelli, P. *see* Grandori, F. 53423
Pinelli, T.E. *see* Barclay, R.O. 60851
Pinello, W. *see* Cangellaris, A.C. 73435
Pinfold, J. *see* Gingrich, D. 53291
Ping, A.T., Adesida, I., Asif Khan, M., Kuznia, J.N. Reactive ion etching of gallium nitride using hydrogen bromide plasmas 93230
Ping, A.T. *see* Adesida, I. 81464
Ping, E.X. *see* Dalal, V.L. 79884
Ping, K. *see* Khormaei, R. 66624
Ping Fu *see* Fu Ping
Ping He *see* He Ping
Ping Jian, Ivey, D.G., Bruce, R., Knight, G. Ohmic contact formation in palladium-based metallizations to n-type InP 93262
Ping Jiang *see* Aiguo Fei 93292
Ping Jiang *see* Lin Jiang 71172
Ping Keung Ko *see* Assaderaghi, F. 93467
Ping Ko *see* Tu, R. 63016
Ping Li Analysis of turn-off characteristics of lateral merged MOS-bipolar transistors 81929
Ping Li, Li, Y.Q., Salama, C.A.T. A heterojunction bipolar transistor with a thin α-Si emitter 62697
Ping Li *see* Chinoy, P. 92583
Ping Li *see* Li Ping
Ping Li Qiu *see* Qiu Ping Li
Ping Liang, Taubes, C.H. Orientation-based differential geometric representations for computer vision applications 51588
Ping Liang *see* Wei Zhou 98255
Ping Liang Chih *see* Chih Ping Liang
Ping Lin Lau *see* Ajjarapu, V. 77957
Ping Lin Xing *see* Xing Ping Lin
Ping Lingdi *see* Lingdi Ping
Ping Liu, Chenglu Lin, Zuyao Zhou, Shichang Zou, Huiming Weng, Rongdian Han, Bingzong Li Observation of slow positron annihilation in silicide films formed by solid state interaction of Co/Ti/Si and Co/Si 55645
Ping Lu *see* Rahman, M.D. 81666
Ping Lu *see* Lu Ping
Ping Lu Xian *see* Xian Ping Lu
Ping Shen *see* Shen Ping
Ping Sun Leung, Miklius, W. Accuracy of electric power consumption forecasts generated by alternative methods: the case of Hawaii 78022
Ping Wah Wong Adaptive error diffusion 64647
Ping Wah Wong, Noyes, S. Space-frequency localized image compression 64732
Ping Wang *see* Wang Ping
Ping Wang Jian *see* Jian Ping Wang
Ping Xu *see* Kuoping Wang 83349
Ping Yang A unified algorithm for computing the stationary queue length distributions in M(k)/G/1/N and G1/M(k)/1/N queues 91197
Ping Yang *see* Hong Chen 96205
Ping Ye *see* Ye Ping
Ping Yu, Venetsanopoulos, A.N. Image coding by using trimming modified vector quantization 85087
Ping Yu, Venetsanopoulos, A.N. Hierarchical finite-state vector quantization for image coding 95991
Ping Yuan *see* Yuan Ping
Ping Zhao An *see* An Ping Zhao
Ping Zhou *see* Bo Lu 50582
Ping Zhou *see* Rahman, M.A. 89792
Ping Zhou *see* Werkema, S.J. 87886
Ping Zhou *see* Werkema, S.J. 87922
Ping Zhou *see* Zhou Ping
Ping Zhu *see* Yasuda, A. 75672
Ping-An Mu *see* Mu Ping-An
Ping-Chou Xia *see* Xia Ping-Chou
Ping-Chung Li, Stamoulis, G.I., Hajj, I.N. iProbe-d: a hot-carrier and oxide reliability simulator 62986
Ping-Chung Li, Stamoulis, G.I., Hajj, I.N. A probabilistic timing approach to hot-carrier effect estimation 82072
Ping-Hsing Lu, Chung-Yu Wu, Ming-Kai Tsai Design techniques for tunable transresistance-C VHF bandpass filters 80427
Ping-Hue Huang, Jing-Tong Yang, Jen-Ying Wu Classification of the ARROTTA code for light water reactor accident analysis 89531
Ping-Qi Pan A variant of the dual pivoting rule in linear programming 69759
Ping-Sing Tsai, Shah, M. Shape from shading using linear approximation 84604
Ping-Tsung Wang, Yen-Tai Lai, Kun-Nen Chen A hierarchical interconnection structure for field-programmable gate arrays 70403
Ping-Wen Ong *see* Wallace, R.S. 95727
Ping-Wha Lin The improved Lin flue gas desulfurization process and its by-product for construction materials 89576
Ping-Ya Zhao, Litva, J. Consistency of modified LS estimation method for identifying 2-D noncausal SAR model parameters 95489
Ping-Ya Zhao, Litva, J. New fading memory fast SRLS algorithm for 2-D SAR model parameter estimation 95827
Ping-Ya Zhao, Litva, J., Ke-Li Wu A new stable and very dispersive boundary condition for the FD-TD method 80562
Ping-Ya Zhao, Plotkin, E.I., Swamy, M.N.S. Exponentially fading MLS estimation of two-dimensional noncausal and nonstationary SAR model parameters 57508
Ping-Yan Wang, Guang-Sheng Wang Power system load forecasting with ann and fuzzy logic control 99618
Pingali, S., Towsley, D., Kurose, J.F. A comparison of sender-initiated and receiver-initiated reliable multicast protocols 85300
Pingel, T.C. *see* Connolly, K. 96292
Pingel, T.C. *see* Hlava, G.R. 69617
Pingliang Tu *see* Tu Pingliang
Pingot, O. *see* Alunni, L. 88010
Pingping Zhu *see* Xinshun Xia 90550
Pingshan Wang *see* Qingyuan Wang 94318
Pingshi Lin *see* Lin Pingshi
Pingyang Wang *see* Wang Pingyang
Pinhas, S. FEL operation in a magnetostatic field produced by current-carrying linear wire 63865
Pinheiro, H., Zeferino, C.A. A simple control strategy for shunt power line conditioner with inductive energy storage 90473
Pinheiro Filho, J.D., De Almeida, E.S., Bilbao, E.Z., Santos, R.C., Da Silva, A.X., Sciani, V., Rela, P.R. Thermal annealing of proton tracks with energies of 4 and 6 MeV in CR-39 polymer detectors 98654
Pinhua Zhu *see* Quianzhi Zhou 100378
Pinio, F. *see* Chandrakumar, V. 75464
Pink, G. *see* Stobart, R. 60601
Pink, S. *see* Davies, N. 75241
Pinkel, R., Merrifield, H., Smith, J. Recent development in Doppler sonar technology 77553
Pinkel, R. *see* Goldstein, R.M. 59570
Pinkerton, S.D. *see* Koga, R. 70466
Pinkey, A. Facility-wide power monitoring for improved reliability and availability 68322
Pinkham, R. Combining apples and oranges: the modern fiber/coax network 52707
Pinkham, R. Combining apples and oranges: the modern fiber/coax network 52709
Pinkham, R. Combining apples and oranges: the fibre/coax network (Part 4) 52720
Pinkos, A., Shtarkman, E., Fitzgerland, T. An actively damped passenger car suspension system with low voltage electro-rheological magnetic fluid 90609
Pinkow, J. *see* Eickhoff, H. 67040
Pinkowski, B. Robust Fourier descriptors for characterizing amplitude-modulated waveform shapes 64477
Pinkston, T.M. Design considerations for optical interconnects in parallel computers 50639
Pinkstone, J. *see* Dong, L. 94108
Pinna, G.D., Maestri, R., Di Cesare, A., Colombo, R., Minuco, G. The accuracy of power-spectrum analysis of heart-rate variability from annotated RR lists generated by Holter systems 59391
Pinney, C., Hawes, M.A., Blackburn, J. A cost-effective inertial motion sensor for short-duration autonomous navigation 66307
Pinnock, R.A. Micromachined silicon resonant sensors with robust optical interrogation 87222
Pinnola, A. *see* Bondonno, M. 74829
Pinnola, A.. *see* Bondonno, M. 85508
Pinola, L. *see* Superti Furga, G. 70264
Pinsker, M. *see* Blinovsky, V. 73634
Pinsker, R.I. *see* Goulding, R.H. 51271
Pinsker, R.I. *see* Moeller, C.P. 51231
Pinskii, V.L., Tyutyunnik, E.P. Noise-suppression filters for the input circuits of shielded rooms 57135
Pinskii, V.L., Tyutyunnik, E.P., Krasovskii, V.T. Protection of power network consumers from interference 99766
Pinsky, B. *see* Brown, S. 70630
Pinsky, E., Conway, A., Wei Liu Blocking formulae for the Engset model 64256
Pinsky, E., Conway, A.E. Stochastic modeling and analysis of WDM lightwave networks 65770
Pinsky, L.S. *see* Barakat, M. 98712
Pinsky, P.M. *see* Aluru, N.R. 50038
Pinson, F. *see* Pavie, H. 97618
Pinson, G. *see* Lucas, D. 65902
Pint, C. *see* Cherrick, S. 97597
Pintchovski, F. *see* Fernandes, M.G. 62544
Pintelon, R. *see* Beya, K. 78580
Pintelon, R. *see* Schoukens, J. 57471
Pintelon, R. *see* Van den Broeck, T. 98176
Pinter, J. *see* Lawler, B. 66469
Pinter, R.B. *see* Nilson, C.D. 92443
Pinto, H.J.C.P. *see* Campagnolo, J.M. 77844
Pinto, J.A.D., Antunes, C.F.L., Coimbra, A.P.B. Transient heating and cooling analysis in an electromagnetic device 89926
Pinto, J.F., Esterowitz, L., Rosenblatt, G.H. Tm^{3+}:YLF laser continuously tunable between 2.20 and 2.46 μm 63720
Pinto, J.F., Rosenblatt, G.H., Esterowitz, L. Continuous-wave laser action in Er^{3+}:YLF at 3.41 μm 83012
Pinto, J.J. Two new networks target factory-floor devices 75042
Pinto, L.M.V. *see* Leopoldino, C.M.A. 99612
Pinto, L.M.V.G. *see* Saraiva, J.T. 53717
Pinto, L.M.V.G. *see* Saraiva, J.T. 78034
Pinto, M. *see* Mastrapasqua, M. 71669
Pinto, M.R., Boulin, D.M., Rafferty, C.S., Smith, R.K., Coughran, W.M., Jr., Kizilyalli, I.C., Thoma, M.J. Three-dimensional characterization of bipolar transistors in a submicron BiCMOS technology using integrated process and device simulation 63041
Pinto, M.R., Rafferty, C.S., Smith, R.K., Bude, J. ULSI technology development by predictive simulations 93548
Pinto, M.R. *see* Benvenuti, A. 62723
Pinto, M.R. *see* Darwish, M.N. 93435
Pinto, M.R. *see* Dussault, H. 71559
Pinto, M.R. *see* Feygenson, A. 61914
Pinto, M.R. *see* Rafferty, C.S. 93397
Pinto, R.L.O. *see* Galup-Montoro, C. 81881
Pinto de Sa, J.L. Stochastic analysis in the time domain of very high speed digital distance relays. I. Theory 53835
Pinto De Sa, J.L. Stochastic analysis in the time domain of very high speed digital distance relays. II. Illustrations 53836
Pintus, R. *see* Aoki, S. 53304
Pinxing Lin *see* Hongyan Sun 84545
Pinxing Lin *see* Wei Yu 86567
Pioltini, G. *see* Cortina, R. 68205
Pioro, M., Gajowniczek, P. Simulated allocation: a suboptimal solution to the multicommodity flow problem 65005
Pioro, M., Lubacz, J., Tomaszewski, A., Burszty-nowski, D. Traffic routing in the Warsaw metropolitan network: a deployment strategy 85581
Piotrowska, A. *see* Kaminska, E. 62528
Piotrowski, J., Gawron, W., Djuric, Z. New generation of near-room-temperature photodetectors 58752
Piotrowski, J. *see* Ciupa, R. 56535
Pioufle, B.Le *see* Le Pioufle, B.
Piovano, B., Accatino, L., Angelucci, A., Jones, T., Capece, P., Votta, M. Design and breadboarding of wideband NxN Butler matrices for multiport amplifiers 80150
Piovella, N. *see* Acerbi, E. 63871
Piper, F. The management of security 65182
Piper, J.A. *see* Carman, R.J. 82914
Piper, J.A. *see* Jackson, S.D. 50761

Piper, J.A. *see* Pask, H.M. 94326
Piper, J.A. *see* Withford, M.J. 82918
Piper, J.A. *see* Withford, M.J. 94329
Pipersky, P. *see* Hoyer, E. 67239
Pipher, J.L. *see* Forrest, W.J. 58778
Piplani, R. *see* Jabbari, B. 85350
Pippenger, N., Geng Lin Fault-tolerant circuit-switching networks 64970
Piprek, J., Yoo, S.J.B. Thermal comparison of long-wavelength vertical-cavity surface-emitting laser diodes 56800
Piprek, J. *see* Boer, K.W. 60455
Piprek, J. *see* Boer, K.W. 69000
Piprek, J. *see* Boer, K.W. 100683
Piquemal, F., Chih Ping Liang, Geneves, G., Jensen, H.D. Precise indirect measurements of quantized Hall resistance ratio $R_H(i=1)/R_H(i=2)$ in GaAs-based sample 86931
Piquemal, F., Trapon, G., Geneves, G. AC measurements of the residual longitudinal resistivity of different GaAs-based samples in the QHE regime between 3 Hz and 100 kHz 86930
Piquemal, F. *see* Chih-Ping Liang 87427
Piquemal, F. *see* Delahaye, F. 86862
Piquemal, F. *see* Frantsuz, E.T. 82497
Piqueras, J. *see* Castaldini, A. 81218
Piqueras, J. *see* Hernandez, M.J. 55800
Piqueras, J. *see* Holgado, S. 81459
Piquet, H. *see* Schneider, H. 89797
Piramuthu, S., Raman, N., Shaw, M.J. Learning-based scheduling in a flexible manufacturing flow line 62017
Pirard, E., Nivart, J.-F. New descriptor for skeletons of planar shapes: the calypter 64638
Piras, L. *see* Adami, M. 59250
Pirat, P., Bensberg, G., Joanblanq, C. The development of the first dTTb system demonstrator 97604
Pirchio, M. *see* Fiore, L. 98893
Pireaux, J.J. *see* Leclerc, G. 95494
Piredda, G. *see* Buontempo, S. 53296
Piredda, G. *see* Buontempo, S. 98502
Pires, C., Polese, E., Guglielmo, M. Tradeoffs on motion compensation/DCT hybrid coding: an efficiency analysis 57778
Pires de Souza, E.J.S. Dynamic aggregation of synchronous machines and excitation systems 100109
Piret, J.P. *see* Malfliet, B. 68012
Pirez, D. *see* Merel, D. 97031
Pirga, M., Kujawinska, M. Modified procedure for automatic surface topography 58981
Pirio, F. *see* Aubin, G. 75397
Pirio, F. *see* Chandrakumar, V. 97322
Piriou, F. *see* Bouissou, S. 83554
Piriou, F. *see* Bouissou, S. 90067
Piriou, F. *see* Bouissou, S. 94719
Pirkl, W. *see* Brennan, J.M. 67178
Pirkl, W. *see* Rose, J. 67164
Pirog, S. *see* Hanzelka, Z. 59874
Pirogova, N.D. *see* Volkov, E.A. 83887
Pirogova, T.S. *see* Berezin, G.L. 72247
Pirogrov, V.I. *see* Inovenkov, A.N. 55094
Pirola, M. *see* Bonani, F. 93300
Pirolo, D. *see* Caricchi, F. 69141
Piron, D.L. *see* Chonglun Fan 60426
Pirooz, S., Shive, L.W., Malik, I.J., Martin, A.C. Predicting technology advances for wafer surface inspection systems 62949
Pirot, M. *see* Audaire, L. 87186
Piroth, H.G., Arnhold, T., Lindow, H. The execution of tracking experiments with a system for the synthesis of tactile speech equivalents 98968
Pirouz, P. *see* Stan, M.A. 54828
Pirovano, R. *see* Castelli, F. 56857
Pirozhenko, V.M., Plink, O.V. Analytical study of RFQ channel by means of the equivalent charges model 76522
Pirri, C.F. *see* Demichelis, F. 48982
Pirri, C.F. *see* Demichelis, F. 71142
Pirsch, P. *see* Kneip, J. 80392
Pirsch, P. *see* Schonfeld, J. 78967
Pisani, M.Q., Sassi, M.P., Zucco, M. Fast stabilization of a CO_2 laser for a frequency standard at 10 μm 86879
Pisani, P. *see* Di Giuliomaria, C. 99231
Pisani, R. *see* Arrington, K. 88112
Pisani, R. *see* Arrington, K. 98564
Pisani, R. *see* Arrington, K. 98634
Pisani, R. *see* Brown, D. 59084
Pisani, R. *see* Kefford, D. 59092
Pisani, U. *see* Ferrero, A. 76174
Pisani, U. *see* Ferrero, A. 80650
Pisani, U. *see* Ferrero, A. 86865
Pisanie, J.du *see* du Pisanie, J.
Pisanko, V.V. *see* Bondarenko, V.I. 60494
Pisano, A.P. *see* Cho, Y.-H. 58727
Pisano, A.P. *see* Lin, L.-L. 58744
Pisano, A.P. *see* Young-Ho Cho 66302
Pisano, E.D., Shtern, F. Image processing and computer aided diagnosis in digital mammography: a clinical perspective 59280
Pisano, F. *see* Grandori, F. 53423
Pisarenko, V.V. *see* Bondarenko, V.I. 90559
Pischow, K.A., Molarius, J.M. The effects of prolonged high-voltage STM scanning on an oxidized silicon wafer surface 92923
Pisciotta, A.A. Telecommunications reforms: options, models, and global challenges 96350
Pisent, A. *see* Akchnrin, N. 66847
Pisera, J.W. *see* Smith, B.A. 82465
Pisin Chen Disruption effects from the collision of quasi-flat beams 67047
Pisin Chen *see* Rosenzweig, J.B. 76563
Pisin Chen *see* Tauchi, T. 98386
Piskarskas, A. *see* Berzanskis, A. 94584
Pis'mennyi, I.L. Chaotic vibrations in the duct of a turbofan jet engine 88708
Pisoni, A. *see* Campi, D. 81298
Pisoni, C. *see* Mathes, R. 100777
Pissanetzky, S., Latypov, D. Full featured implementation of quench simulation in superconducting magnets 93970
Pissanetzky, S. *see* Badea, E.A. 73197
Pistoni, M. *see* Farilla, A. 52772
Pistonius, C.W.I. *see* Boonzaaier, J.J. 51203
Pistorese, T. *see* Sumic, Z. 99561
Pistoresi, D. *see* Dowell, D. 76384
Pistorio, P. Tendencies and conditions of success in the microelectronics industry 54303
Pistorius, C.W.I. *see* Odendaal, J.W. 97401
Pistre, J. *see* Rebiere, D. 66181
Piszcz, A. *see* Kamadolli, S. 68354
Piszczor, M.F., Jr., Gessert, T.A., Pearsall, N.N., Goodbody, C. A comparison of the performance of ITO/InP cells flown on the UoSAT-5 flight experiment 99108
Piszczor, M.F., Jr., O'Neill, M.J., Fraas, L.M. A novel space photovoltaic module using a linear Fresnel lens and a line-focus tandem cell receiver 100740
Pitas, I. Optimization and adaptation of discrete-valued digital filter parameters by simulated annealing 57548
Pitas, I. *see* Angelopoulos, G. 57712
Pitas, I. *see* Kofidis, E. 64640
Pitas, I. *see* Kotropoulos, C. 84947
Pitas, I. *see* Kotropoulos, C. 95374
Pitas, I. *see* Nikolaidis, N. 84641
Pitas, I. *see* Nikolaidis, N. 95688
Pitassi, S., Duca, L., Menzaghi, A. Optimum design for angled physical contact (APC) connectors 50472
Pitaval, M. *see* Meddeb, J. 79940
Pitchford, L., Boeuf, J.P., Puech, V., Liou, R., Gundersen, M. Theoretical and experimental study of pseudospark electron beam generation 76726
Pitchumani, B. *see* Shail 60094
Pitchumani, R. *see* Liaw, P.K. 70209
Pitchumani, V. *see* Dalkilic, M.E. 49275
Pitchumani, V. *see* Dalkilic, M.E. 49315
Pitchumani, V. *see* Dalkilic, M.E. 92056
Pitchumani, V. *see* Unaltuna, M.K. 61622
Pitel, I. *see* Enjeti, P. 68202
Pitel, I. *see* Kim, S. 68763
Pitel, I.J. *see* Laskai, L. 69196
Pitel, J. *see* Polak, M. 82320
Pitio, W.M. *see* Bergland, G.D. 52615
Pitner, P.M. *see* Iyer, S.S. 93644
Pitney, M.R., Beran, R.G., Jones, A. A simultaneous electrocardiogram is important when electroencephalography is used in the evaluation of loss of consciousness 59384
Piton, M. *see* Sarrus, F. 100222
Pitre, L., Maldague, X., Laurendeau, D. Range finder based guidance of PUMA robot for the infrared inspection of non-planar materials 87303
Pitre, L.J. *see* McBrayer, J.D. 90341
Pitrone, N. *see* Leotta, N. 99685
Pitschke, W. *see* Bo-Ping Hu 72019
Pitschke, W. *see* Gladun, C. 92982
Pitschke, W. *see* Handstein, A. 50199
Pitschke, W. *see* Wendhausen, P.A.P. 50200
Pitsillides, A., Lambert, J. Adaptive congestion control in broadband-ISDN: high throughput with sustained quality of service 52216
Pitsillides, A., Lambert, J. Adaptive connection admission and flow control: quality of service with high utilisation 65188
Pitstick, G.M., Cruz, J.R. An efficient algorithm for computing bounds on the average transmitted power in generalized partial response 84554
Pitt, C.W. *see* Golan, G. 77730
Pitt, D. *see* Yee-Hsiang Chang 52716
Pittera, L. *see* Tenconi, S.M. 68714
Pittet, A., Muthukumar, K., Debebe, K., Rajagopalan, V. Simulation of dynamic behaviour of hybrid step motor operating in self synchronized mode 90044
Pitti, L. *see* Montanari, G.C. 69224
Pittin, R. *see* Barnett, I. 76827
Pittman, D.N., Roberts, C.E. Determining GPS anti-jamming performance on tactical missiles 67965
Pittner, F. *see* Loibner, A.P. 66514
Pittner, F. *see* Schalkhammer, T. 66511
Pitton, J.W., Atlas, L.E., Loughlin, P.J. Applications of positive time-frequency distributions to speech processing 95244
Pitton, J.W., Atlas, L.E., Loughlin, P.J. Deconvolution for positive time-frequency distributions 95628
Pitton, J.W., Loughlin, P.J., Atlas, L.E. Positive time-frequency distributions via maximum entropy deconvolution of the evolutionary spectrum 84508
Pitton, J.W. *see* Loughlin, P.J. 95384
Pittroff, W. *see* Eliseev, P.G. 94470
Pitts, B.L., Emerson, D.T., Matragrano, M.J., Whittingham, K.L., Butterfield, B.P., Shealy, J.R. Flow modulation growth of III-V compound semiconductors using a multichamber OMVPE reactor 61321
Pitts, D. *see* Kirby, J.R. 90897
Pitts, D.V. *see* Nicol, J.R. 85799
Pitts, J. *see* Cuthbert, L. 86381
Pitts, J. *see* Fonseca, P. 64909
Pitts, J. *see* Kraje, B. 68423
Pitts, J. *see* Schormans, J. 64906
Pitts, J. *see* Schormans, J. 74671
Pitts, J. *see* Schormans, J.A. 96155
Pitts, J. *see* Swift, J. 65161
Pitts, J.J. *see* Bower, C.R. 98499
Pitts, J.M. *see* Bocci, M. 64910
Pitts, J.M. *see* Cuthbert, L.G. 58161
Pitts, O.D. *see* Ching, S. 54441
Pityana, S. *see* Hamelin, N. 73017
Pitzele, L.D. *see* Hock, R.H. 61537
Pitzer, D. *see* Bruchhaus, R. 79911
Pitzer, J.W. *see* Kerszenbaum, I. 89245
Pitzl, D., Eichler, R., Erdmann, W., Gabathuler, K., Horisberger, R., Wagener, M. Evaluation of double sided, AC-coupled, double metal silicon strip detectors for H1 at HERA 88027
Pitzl, D. *see* Burger, J. 98570
Pitzl, D. *see* Cartiglia, N. 71769
Pitzl, D. *see* Gabathuler, K. 59070
Pitzl, D. *see* Horisberger, R. 67372
Pitzl, D. *see* Ziock, H.J. 76767
Piuri, V. *see* Alippi, C. 53346
Piuri, V. *see* Alippi, C. 67381
Piuri, V. *see* Alippi, C. 99138
Piuri, V. *see* Dell'Acqua, A. 87955
Piuri, V. *see* Dell'Acqua, A. 98680
Piuz, F. *see* Almeida, J. 87994
Piva, P.G., Poole, P.J., Buchanan, M., Champion, G., Templeton, I., Aers, G.C., Williams, R., Wasilewski, Z.R., Koteles, E.S., Charbonneau, S. Enhanced compositional disordering of quantum wells in GaAs/AlGaAs and InGaAs/GaAs using focused Ga^+ ion beams 71178
Pivarc, J. *see* Efremov, A. 53158
Pivec, A. *see* Ball, G.J. 78722
Piveteau, J.M. *see* Pinch, R.G.E. 57319
Pivinskii, E.G. *see* Akulinichev, V.V. 73001
Pivnyuk, N.A. *see* Akimov, V.A. 53286
Pivovarov, S.G. *see* Aulchenko, V.M. 67341
Pivovarov, V.G. *see* Uspensky, M.V. 94804
Pivovarova, N.V. *see* Zabelin, A.M. 56637
Piwko, R.J. *see* Nyati, S. 68065
Piwko, R.J. *see* Rostamkolai, N. 89002
Piwko, R.J. *see* Swann, D.E. 68032
Pixley, C., Jeong, S.-W., Hachtel, G.D. Exact calculation of synchronizing sequences based on binary decision diagrams 80031
Pixley, C., Singhal, V., Aziz, A., Brayton, R.K. Multi-level synthesis for safe replaceability 91833
Piyaket, R. *see* Ford, J.E. 56319
Pizani, P.S. *see* Puech, P. 81232
Pizer, S.M., Burbeck, C.A., Coggins, J.M., Fritsch, D.S., Morse, B.S. Object shape before boundary shape: scale-space medial axes 74258
Pizer, S.M. *see* Fritsch, D.S. 75678
Pizer, S.M. *see* Morse, B.S. 64820
Pizhang Chen *see* Chan, C.C. 60215
Pizhu Hao *see* Hao Pizhu
Pizzariello, C.M. *see* Gonin, I.M. 52994
Pizzella, G. *see* Teghil, R. 48920
Pizzi, M. *see* Riva, P. 78484
Pizzi, S.V., Gibbons, H.M., Monissette, M.L., Wright, C.R. Comparison of generalized tamed-FM and differentially-coherent QPSK for land mobile radio 58340
Pizzini, S. *see* Acerboni, S. 81196
Pizzini, S. *see* Giles, C. 98716
Pizzolati, P. *see* Brioschi, F. 72760
Pizzonia, J. Winding ultrafine wire 90951
Pizzuto, C. *see* Vitali, G. 62160
Pla, J. *see* Struble, W. 81973
Plaats, J.C.van der *see* van der Plaats, J.C.
Place, J. *see* Stach, J. 52256
Placeway, P., Schwartz, R., Fung, P., Nguyen, L. The estimation of powerful language models from small and large corpora 73838
Placidi, M. *see* Arnaudon, L. 66851
Placil, F. *see* Brown, D. 59084
Placke, R. *see* Schenck, K. 53905
Placko, D., Dufour, I. A focused-field eddy current sensor for nondestructive testing 49027
Placzek-Popko, E. *see* Misiewicz, J. 72285
Plaessmann, H. *see* Olson, T.E. 56707
Plagnol, E. *see* Auger, G. 98385
Plais, F. *see* Maurice, J.-L. 81870
Plais, F. *see* Pribat, D. 58930
Plana, R. *see* Chroboczek, J.A. 62882
Plana, R. *see* Llopis, O. 80718
Plana, R. *see* Verdier, J. 62885
Planade, R. *see* Rebiere, D. 66181
Planat, M. *see* Cunin, B. 50157
Planel, R. *see* Minot, C. 62281
Planinsic, P., Filip, P., Mohorko, J., Cucej, Z., Donlagic, D. The comparison of DCT and DWT mode of image compression 64818
Planinsic, P. *see* Cucej, Z. 64815
Planinsic, P. *see* Filip, P. 64817
Planinsic, P. *see* Mohorko, J. 64816

Plankenbuhler, R. *see* Oehme, W.F. 50357
Plano, L.S. *see* Hartsell, M.L. 79847
Plano, M.A. *see* Flemish, J.R. 71078
Plano, R. *see* Abe, K. 88115
Plano, R. *see* Antilogus, P. 59064
Plano, R. *see* Antilogus, P. 59127
Plano, W.B. *see* Mehuys, D.G. 72796
Plano, W.E., Major, J.S., Jr., Welch, D.F. High power 875 nm Al-free laser diodes 50854
Plano, W.E. *see* Mehuys, D. 63812
Pianson, D., Locatelli, M.L., Chante, J.P., Lentz, G., Peccoud, L. Evaluation of 6H-SiC mesa n^+p junction breakdown voltage 81328
Plant, D.V., Hinton, H.S. FET-SEED based free-space optical backplanes 82868
Plant, D.V. *see* Prakash, D.P. 82852
Plant, T.K. *see* Lim, S. 61381
Plant, W.J., Alpers, W. An introduction to SAXON-FPN 67836
Plant, W.J., Terray, E.A., Petitt, R.A., Jr., Keller, W.C. The dependence of microwave backscatter from the sea on illuminated area: correlation times and lengths 67837
Plant, W.J. *see* Hara, T. 67841
Plant, W.J. *see* Keller, W.C. 67840
Plant, W.J. *see* Weissman, D.E. 99267
Plant, W.J. *see* Zurk, L.M. 99242
Plante, A. *see* Aubert, G. 83533
Plantier, M. *see* Chapelon, J.Y. 98936
Plany, J. *see* Nagaraj, K. 70782
Plas, G.Van der *see* Van der Plas, G.
Plaskett, T.S. *see* Freitas, P.P. 71977
Plaskon, S.L. *see* Skormin, V.A. 59474
Plassche, R.van de *see* van de Plassche, R.
Plastow, R.J. *see* Angenent, H. 52713
Plat, J.M. *see* Bessede, J.L. 100394
Plataniotis, K.N. *see* Lainiotis, D.G. 77334
Plate, D. *see* Hoyer, E. 67239
Plate, D. *see* Marks, S. 67240
Platek, T. *see* Schulting, L. 78703
Platek, T. *see* Supronowicz, H. 99506
Platen, E. *see* Hofmann, N. 91373
Platero, G. *see* Inarrea, J. 62265
Plathner, B. *see* Harris, A.I. 97505
Plato, J.G. *see* Nguyen, D.C. 83193
Platonov, A.A. Optimal identification of regression-type processes under adaptively controlled observations 84351
Platonov, A.A., Szabatin, J. Robust analog-digital systems for adaptive measurements and parameter estimation of noisy processes 75881
Platonov, V.D. *see* Ipatov, V.P. 51295
Platonov, Yu.Yu. *see* Zheludeva, S.I. 82667
Platov, K.Yu. *see* Basler, M. 72231
Platt, C.E. *see* Kruse, J. 98286
Platt, C.E. *see* Yongqian Liu 66357
Platt, D.E. *see* Vertes, A. 54938
Platt, I.G., Cannon, P.S. A propagation model for the mid and high latitude ionosphere over Europe 97019
Platt, N. *see* Hammer, P.W. 80171
Platt, R.C. *see* Richardson, R.D. 76599
Plattner, A. A millimetrewave communication system for MAGLEV application 96968
Plattner, A. Technology and demonstrator of the RACE project "Mobile Broadband System" 97076
Plattner, A. *see* Prediger, N. 86238
Plattner, R.D. *see* Kusian, W. 100549
Platts, A.E. *see* Saje, B. 72022
Platzker, A. *see* Boulais, W. 92576
Platzker, A. *see* Bouthillette, S. 92579
Platzker, A. *see* Goldfarb, M. 80790
Platzker, A. *see* Struble, W. 81973
Platzner, M., Steger, Ch., Weiss, R. Performance measurements on a multi-DSP architecture with TMS320C40 70678
Playfoot, K.C. *see* Lynch, J.E. 99887
Plaza, D.J., Sturim, D., Weixel, J., Coutu, G. Theory and performance of adaptive IIR filterbanks with variable center frequencies 95558
Plaza, G., Mesa, F., Horno, M. Spectral domain analysis of conductor losses in a multiconductor system via the incremental inductance rule 83730
Plaza, J.A. *see* Burrer, C. 66242
Plaza, P. *see* Calvo, F. 52285
Pleasant, D. Practical simulation of bit error rates 52307
Pleasant, D. Using Design of Experiments to optimize filter tuning steps 61786
Pleinevaux, P. Real-time MAC protocols: Advances and open questions 85321
Pleinevaux, P. *see* Richner, T. 57979
Plemmons, R.J. FFT-based RLS in signal processing 84321
Plemmons, R.J. *see* Hadjidimos, A. 61164
Plemons, T.D., Schreck, S.G., Inderbitzen, R.S. Stability of the BSCC heart valve outlet strut resonant frequency under changing physiological conditions and observation times 77070
Plentinger, J. SITOP power: the stabilized family of power supply units 70300
Plesea, L. *see* Valicenti, R.A. 76525
Plesiewicz, W. *see* Lenard, A. 97967
Plesko, M. *see* Einfeld, D. 59217
Plesko, M. *see* Einfeld, D. 66834
Plesko, M. *see* Einfeld, D. 66884
Plesko, M. *see* Einfeld, D. 66885
Plesko, M. *see* Goetz, T. 76622
Plesner, E. *see* Lang, R. 55313
Pless, I.A. PEPR and other CRT scanning and measuring devices 76823
Pless, I.A. *see* Chang, Y.H. 98645
Pless, V. *see* Lobstein, A. 73637
Plessen, G.von *see* von Plessen, G.
Plessky, V.P. A two parameter coupling-of-modes model for shear horizontal type SAW propagation in periodic gratings 93833
Plessky, V.P., Hartmann, C.S. Characteristics of leaky SAWs on 36-$LiTaO_3$ in periodic structures of heavy electrodes 93838
Pleszkun, A.R. *see* Farrens, M. 49415
Pletcher, R.H. *see* Sherif, S.A. 66297
Pletersek, A. *see* Trontelj, J. 98272
Pletnikov, S.B. *see* Ivanov, V.A. 60097
Plets, C. *see* Bellon, E. 85614
Plettner, A. *see* Englmaier, A. 61470
Plettner, A. *see* Troscher, M. 93530
Pletzer, R. *see* Weisend, J.G., II 87684
Plevert, L., Haji, L., Bonnel, M., Duhamel, N., Loisel, B. Thermal stability of glass substrates during solid phase crystallisation of a-Si on glass by rapid thermal annealing 81398
Pleyhov, A.N. *see* Desourdis, R.I., Jr. 75384
Plichta, E.J., Behl, W.K., Chang, W.H.S., Schleich, D.M. The rechargeable $LiAl/Li_{3.6}Ge_{0.6}V_{0.4}O_4/TiS_2$ high temperature solid-state cell 68972
Plimak, L.I., Walls, D.F. Dynamical restrictions to squeezing in a degenerate optical parametric oscillator 83334
Plimmer, M.D. *see* Nez, F. 86973
Plimpton, P.E. *see* Freitag, H.P. 99272
Plink, O.V. *see* Pirozhenko, V.M. 76522
Pliska, P., Lukosz, W. Integrated-optical acoustical sensors 56465
Pliska, T., Jundt, D.H., Fluck, D., Gunter, P., Fleuster, M., Buchal, C. Low temperature annealing of ion-implanted $KNbO_3$ channel waveguides 50570
Pliskin, S.Yu. *see* Galkin, V.Ya. 74183
Plissi, M.V., Wilson, M.G.F. Proton-exchange channel waveguide lasers in Nd:MgO:$LiNbO_3$ 63704
Plisson, F. *see* Jaeger, A.A. 67370
Plisson, F. *see* Jaeger, J.J. 67373
Ploeg, E.P.Ver *see* Ver Ploeg, E.P.
Plokhinskii, Yu.V. *see* Belov, A.S. 87858
Plompen, R. *see* Bol, H. 96420
Plonus, M. *see* Balkir, S. 54772
Ploog, K. *see* Grahn, H.T. 62270
Ploog, K. *see* Kastrup, J. 81332
Ploog, K. *see* Takagaki, Y. 62173
Ploog, K. *see* Zhou, X.Q. 62187
Ploog, K.H. *see* Ilg, M. 94657
Ploog, K.H. *see* Tournie, E. 54896
Ploshinsky, A. Transformer bridge for the high-accuracy comparisons of standard resistors at low frequencies 80890
Ploska, K. *see* Jonsson, J. 54897
Ploss, B. *see* Lienhard, D. 66323
Ploss, B. *see* von Munch, W. 58793
Plotkin, E.I., Swamy, M.N.S., Yoganandam, Y. A novel iterative method for the reconstruction of signals from nonuniformly spaced samples 57502
Plotkin, E.I. *see* Agarwal, K. 70718
Plotkin, E.I. *see* Ping-Ya Zhao 57508
Plotkin, E.I. *see* Zou, C.R. 96002
Plotkin, E.R. *see* Leizerovich, A.Sh. 53933
Plotkin, N.T., Varaiya, P.P. The entropy of traffic streams in ATM virtual circuits 64955
Plotnik, E. *see* Bar-David, I. 74663
Plotnikov, S.A. *see* Arbuzov, V.L. 70132
Plotnikov, S.V. *see* Kushin, V.V. 76429
Plotnikov, V.K. *see* Kapchinskiy, I.M. 76313
Plotnikov, V.M. Theta series of the quadrature forms for integer grids of the discrete signal presentation of multi-dimensional messages 74021
Plotnikov, V.M. Lattice sampling of a multidimensional data signal 84211
Plotnikov, V.M., Bykadorov, A.A. Experience in constructing the Zagorsk pumped-storage station 99974
Plotzke, R. *see* Schwille, W.J. 76785
Plouchart, J.O., Wang, H., Pinatel, C., Riet, M., Berdaguer, P., Dubon-Chevallier, C. HBT MMICs for L band mobile radiocommunications 86225
Plouchart, J.O., Wang, H., Pinatel, C., Riet, M., Berdaguer, P., Dubon-Chevallier, C. HBT MMICs for L band mobile radiocommunications 97077
Plouff, D.M. *see* Marine, S.S. 81596
Plouffe, D. *see* Bressler, V.E. 76645
Plowman, T. *see* Chelnokov, A.V. 94157
Plowman, T.E., Garrison, M.D., Walker, D.S., Reichert, W.M. Surface sensitivity of SiON integrated optical waveguides (IOWs) examined by IOW-attenuated total reflection spectrometry and IOW-Raman spectroscopy 63457
Plows, G. Solving the signal integrity problem 80213
Ployart, G. *see* de Mascureau, J. 76437
Plugaru, N. *see* Burzo, E. 72207
Plugaru, R. *see* Buiu, O. 49860
Plum, C.P. *see* Clark, L.G. 58839
Plum, H.-D. *see* Ehrlichmann, D. 72954
Plum, H.-D. *see* Ehrlichmann, D. 94559
Plum, M. Beam diagnostics at high-intensity storage rings 98450
Plum, M., Brown, D. Response of air-filled ion chambers to high-intensity radiation pulses 76458
Plum, M. *see* Hardek, T. 76493
Plum, M. *see* Hutson, R. 66949
Plum, M. *see* Wang, T. 87918
Plumb, K. *see* Peters, E.R. 77228
Plumb, R. *see* Demarest, K. 73567
Plumb, R.G.S. *see* Yu, S.F. 83064
Plumb, R.G.S. *see* Zhang, L.M. 72857
Plumer, T. *see* Hessenmuller, H. 86797
Plumer, T. *see* Hessenmuller, H. 97634
Plumettaz, G., Orr, R.E. Fiber-optic cable installation method 75422
Plummer, C.W., Goedde, G.L., Pettit, E.L., Jr., Godbee, J.S., Hennessey, M.G. Reduction in distribution transformer failure rates and nuisance outages using improved lightning protection concepts 89243
Plummer, J.D. *see* Crowder, S.W. 62408
Plummer, J.D. *see* Crowder, S.W. 81376
Plummer, J.D. *see* Crowder, S.W. 81451
Plummer, J.D. *see* Disney, D.R. 55943
Plummer, J.D. *see* Disney, D.R. 55999
Plummer, J.D. *see* Griffin, P.B. 93120
Plummer, J.D. *see* Luning, S. 62152
Plummer, J.D. *see* Mierzwinski, M.E. 61928
Plummer, J.D. *see* Mino Cao 80320
Plummer, J.D. *see* Nguyen, C.T. 50012
Plummer, J.D. *see* Pein, H.B. 92184
Plummer, J.D. *see* Rousseau, P.M. 71087
Plummer, J.D. *see* Saraswat, K.C. 69548
Plummer, J.D. *see* Scott, J.A. 62808
Plummer, J.D. *see* Snoeys, W. 63578
Plummer, J.D. *see* Tiemin Zhao 93387
Plummer, J.D. *see* Tiemin Zhao 93403
Plummer, J.D. *see* Ver Ploeg, E.P. 62794
Plummer, J.D. *see* Ver Ploeg, E.P. 62829
Plumridge, S.N.J. Combined Heat and Power plant—an overview 99931
Plusa, D. Mechanism of magnetization reversal in $Nd_{15.1}Fe_{76.9}B_8$ permanent magnets 72186
Plusa, D., Pfranger, R., Wyslocki, B. Coercivity mechanism in $Nd_{15.1}Fe_{76.9}B$ permanent magnets 50217
Plut, T.A. *see* Ginley, D.S. 82332
Plut, T.A. *see* Hietala, V.M. 70814
Plut, T.A. *see* Hilbert, C. 50423
Pluzhnikov, A.D. Shaping of the radiation pattern of a radiating antenna when processing radar signals on a background of passive interference 65872
Plyaskine, V. *see* Ahlen, S. 98641
Po, L.M. Multi-subspace tree-structured vector quantizer design algorithms 85001
Po Lai-Man *see* Lai-Man Po
Po Wong Kit *see* Kit Po Wong
Po-An Chen *see* Chang-Cherng Wu 79893
Po-An Chen *see* Janne-Wha Wu 69958
Po-Chiang Lu *see* Erl-Huei Lu 55191
Po-Chuang Huang *see* Yi-Feng Jang 80383
Po-Rong Chang, Bao-Fuh Yeh, Chih-Chiang Chang Adaptive packet equalization for indoor radio channel using multilayer neural networks 75350
Po-Rong Chang, Chih-Chiang Tai, Bao-Fuh Yeh Model-reference color reproduction for video system based on back-propagation networks 86707
Po-Rong Chang, Lin, C.G., Bao-Fuh Yeh Inverse filtering of a loudspeaker and room acoustics using time-delay neural networks 66090
Po-Yuen Cheng *see* Kwo-Jyr Wong 64677
Poate, J.M., Eaglesham, D.J., Gossmann, H.J., Higashi, G.S., Pietsch, G. Defects and silicon integrated circuit 81198
Poate, J.M., Eaglesham, D.J., Gossmanm, H.J., Higashi, G.S., Pietsch, G. Silicon processing and atomic level defects 82053
Poate, J.M. *see* Gossmann, H.-J. 81422
Poate, J.M. *see* Zheng, B. 56568
Pobanz, C.W., Itoh, T. A microwave non-contact identification transponder using subharmonic interrogation 86068
Pobiega, L. *see* Dzikowski, M. 100314
Pobl, M., Bogner, W., Gaul, L. CW GaAs MITATT source on copper heatsink up to 160 GHz 70901
Pobl, M. *see* Ostermeir, R. 63603
Pobozan, P., Wachowski, M. POLPAK—the first public data network in Poland 85725
Poc Paget, M.M. *see* Bonnaire, R. 79187
Pocha, M. *see* Roeske, F. 67727
Pochaba, I. *see* Vavra, I. 93048
Pocheikin, K.A. *see* Belolaptikov, I.A. 59156
Pochernyaev, V.N. Wideband rotating joints 55373
Pochernyaev, V.N., Skrypnik, L.V. Electrical characteristics of a phase shifter on an irregular partially filled rectangular waveguide 61875
Pochernyayev, V.N. Ways of improving the characteristics of waveguide bandpass filters 61870
Pocherpailo, A.I. *see* Kamuz, A.M. 72534
Pochet, T., Ilie, A., Foulon, F., Equer, B. Characterization of new a-Si:H detectors fabricated from amorphous silicon deposited at high rate by helium enhanced PECVD 88062

Pochet, T., Ilie, A., Foulon, F., Equer, B. Characterization of new a-Si:H detectors fabricated from amorphous silicon deposited at high rate by helium enhanced PECVD 98623
Pochet, T. *see* Foulon, F. 81187
Pochet, T. *see* Foulon, F. 98728
Pochi Yeh, Chiou, A. Optical phase conjugation for interconnection and image processing 73024
Pochi Yeh *see* Chau-Jern Cheng 83376
Pochi Yeh *see* He, Q.B. 73043
Pochi Yeh *see* Shaomin Zhou 82763
Pochi Yeh *see* Weishu Wu 56469
Pochi Yeh *see* Xianmin Yi 94668
Pochi Yeh *see* Yuheng Zhang 94590
Pochil, P.G. *see* Belolaptikov, I.A. 59156
Pocholle, J.-P. *see* Boucher, Y. 83038
Podaima, B.W. *see* Simons, N.R.S. 83594
Podanchuk, D.V. *see* Chumakov, A.G. 64618
Podcameni, A., de Mello, M.S.C. A complete set of passband tapped circuits and practical application range 80420
Podcameni, A., Mosso, M.M. MIC environment dielectric resonator design and analysis 80874
Poddar, D.R. *see* Datta, P.K. 76081
Poddar, H.N.P. *see* Sharma, J.K.N. 76253
Poddubnykh, L.F. Model for discounts and increases in changes for reactive power and power quality compensation 89140
Podesta, L. *see* Anagni, F. 66412
Podgorsek, R. *see* Franke, H. 58902
Podgorski, A. *see* Miekina, A. 86964
Podgorski, A. *see* Morawski, R.Z. 75830
Podilchuk, C. *see* Bist, A. 85018
Podladchikov, V. *see* Bidyuk, P. 57438
Podladchikov, V. *see* Korbicz, J. 59458
Podladchikova, I. *see* Bidyuk, P. 57438
Podlaha, E.J., Cheh, H.Y. Modeling of cylindrical alkaline cells. VII. A wound cell model 78782
Podlaskin, B.G., Chekulaev, E.A. Information content of integral-adaptive self-scanning mode of multiscan photodetector 58768
Podlaskin, B.G., Dich, L.Z., Tokranova, N.A. Experimental investigations of precision parameters of the "multiscan" photodetector in the position indication regime 52856
Podlaskin, B.G. *see* Lifshits, B.A. 58776
Podobedov, E.G., Barkov, V.S., Kuraev, M.N. Automatic electric drives with frequency converters for hoist and deck mechanisms 69155
Podolak, T. Alcatel 9400UL: New family of urban microwave links 65583
Podoleanu, A.G., Sala, A.-L.I., Ionescu, L.G. Theoretical study on a tunable directional coupler filter based optical bistable device and its possible applications 56376
Podoleanu, A.G., Taplin, S.R., Webb, D.J., Jackson, D.A. White-light interferometric spectral analysis for displacement sensing 73186
Podoleanu, A.G., Taplin, S.R., Webb, D.J., Jackson, D.A. Channelled spectrum display using a CCD array for student laboratory demonstrations 90828
Podol'tsev, A.D., Kucheryavaya, I.N. Numerical modelling of electrothermal phenomena in a high-speed sliding contact region 80951
Podolyak, E.R. *see* Mikerov, V.I. 74015
Podor, B., Novikov, S.V., Savel'ev, I.G., Gombos, G. Quantum and classical scattering time in two-dimensional electron gas in $Ga_{0.47}In_{0.53}As/InP$ 62249
Podoroznhyi, D.M., Khein, L.A., Shestoperov, V.Ya., Yashin, I.V. Close-packed detector to measure particle charge 76778
Podorvanov, A.G. *see* Samoilovich, Yu.A. 60637
Podosek, J.A. *see* Kenny, T.W. 87077
Podoshin, L. *see* Aronson, L. 67626
Podoshin, L. *see* Aronson, L. 77073
Podrezov, A.A. *see* Bogdanov, Yu.I. 81389
Podshivalov, V. *see* Schaal, M. 89650
Podtburg, E.J. *see* Korzekwa, D.A. 63277
Podzharenko, V.A. *see* Andreyev, N.V. 89966
Poe, D. *see* Thomas, S.R. 99070
Poeckert, R. *see* Preston, J.M. 77332
Poehlman, W.F.S. *see* Lind, P.C. 76288
Poehlman, W.F.S. *see* Mesher, D.E. 75553
Poehlman, W.F.S. *see* Ulloa, J. 75256
Poel, C.J.van der *see* van der Poel, C.J.
Poell, H. *see* Osvath, P. 90091
Poenar, D., French, P.J., Mallee, R., Sarro, P.M., Wolffenbuttel, R.F. PSG layers for surface micromachining 54972
Poenar, D. *see* Aratani, K. 63531
Poenar, D. *see* French, P.J. 87082
Poeppel, R.B. *see* Kirkpatrick, K.S. 70170
Poeppel, R.B. *see* Schwartz, J. 63278
Poeppelmeier, K. *see* Fulin Xiong 94638
Poetsch, D. Multistandard film to tape transfer using the CCD telecine FLH 1000 97620
Poffijn, A. *see* Meesen, G. 88185
Poffijn, A. *see* Meesen, G. 98577
Pogarsky, S.A., Saprykin, I.I. Resonant phenomena in hybrid structures 80578
Pogatzki, P., Kulke, R., Sporkmann, T., Kother, D., Tempel, R., Wolff, I. A comprehensive evaluation of quasi-static 3D-FD calculations for more than 14 CPW structures—lines, discontinuities and lumped elements 92596
Pogatzki, P. *see* Rittweger, M. 92598
Pogemiller, J. *see* Busta, H. 82806
Pogemiller, J.E., Busta, H.H., Zimmerman, B.J. Gated chromium volcano emitters 62075
Pogemiller, J.E. *see* Busta, H.H. 62076
Pogemiller, J.E. *see* Busta, H.H. 81121
Pogemiller, J.E. *see* Busta, H.H. 92881
Poggi, G., Sasso, E. Codebook ordering techniques for address-predictive VQ 85057
Poggi de Aragao, M. *see* Hertz, A. 48820
Poggiani, R. *see* Horvath, D. 53123
Poggiani, R. *see* Krafcsik, I. 53122
Poggioli, L. *see* Ariztizabal, F. 98518
Poggioli, L. *see* Gingrich, D. 53291
Poggiolini, P., Benedetto, S. Theory of polarization spreading techniques. I 57192
Poggiolini, P., Benedetto, S. Theory of subcarrier encoding of packet headers in quasi-all-optical broadband WDM networks 97352
Poggiolini, P. *see* Benedetto, S. 65844
Poggiolini, P. *see* Benedetto, S. 82684
Poggiolini, P.T. *see* Benedetto, S. 52612
Poghossian, A.S., Abovian, H.V., Aroutiounian, V.M. Selective petrol vapour sensor based on an Fe_2O_3 thin film 58877
Pogliano, U. An electrometric method for precise ac/dc transfer measurements 86887
Pogliano, U., Bosco, G.C., Zago, G. An ac/dc active attenuator for comparison of TVC with different input voltages 86895
Pogliano, U. *see* Klonz, M. 86898
Pogodalla, F. *see* Coulomb, P. 49479
Pogonyshev, S.A. Nonlinear filtration of discrete-continuous processes in orthogonal bases 51479
Pogorel, G. *(editor)* Global Telecommunications Strategies and Technological Changes 79119
Pogorel'skii, Yu.V. *see* Alekseev, A.N. 91451
Pogorelsky, I. *see* Fontana, J.R. 76632
Pogorelsky, I. *see* Kimura, W.D. 76628
Pogorelsky, Y.V. *see* Karpov, S.Y. 70027
Pogorevc, B. Digitising and measuring of free formed surfaces 66127
Pogorevc, B. *see* Acko, B. 75846
Pogorevc, B.S., Sostar, A., Acko, B. Use of digitisation methods in the bidirectional CAD-CME link 75847
Pogosov, V.S. *see* Avignone, F.T. 67288
Pogossian, S.P., Le Gall, H. Optical losses in ion-implanted waveguides 63435
Pogosyan, G., Nozaki, A., Miyakawa, M., Rosenberg, I.G. Hereditary clones of multiple valued logic algebra 55249
Pogozhev, V.A. *see* Vinogradov, I.I. 90187
Pohida, T.J., Fredrickson, H.A., Tschudin, R.G., Fessler, J.F., Krishna, M.C., Bourg, J., Harrington, F., Subramanian, S. High-speed digitizer/averager data-acquisition system for Fourier transform electron paramagnetic resonance spectroscopy 87036
Pohjonen, H. *see* Andersson, M. 49165
Pohjonen, H. *see* Gronlund, M. 87164
Pohl, B. *see* Burrage, K. 91378
Pohl, C., van Genderen, J.L. Multisensor fusion: Optimization and operationalisation for mapping applications 74228
Pohl, E., Keane, J. Converting for the digital future: it seemed like a good idea at the time 97531
Pohl, M. *see* Bahr, J. 88245
Pohl, Z. *see* Wankowicz, J. 89323
Pohler, S. *see* Ehrhardt, K. 68243
Pohlmann, W. A silicon-bipolar amplifier for 10 Gbit/s with 45 dB gain 55151
Pohm, A.V. *see* Brown, J.L. 80325
Pohner, F. *see* Kristensen, J.H. 99237
Pohost, G.M. *see* Vaughan, J.T. 98861
Poignant, H., Boj, S., Delevaque, E., Monerie, M., Taunay, T., Niay, P., Bernage, P., Xie, W.X. Efficiency and thermal behaviour of cerium-doped fluorozirconate glass fibre Bragg gratings 72788
Poignant, H. *see* Taunay, T. 82583
Poileux, P. *see* Specka, A. 76597
Pointon, T.D. *see* Slutz, S.A. 69022
Pointu, A.M. *see* Ganciu, M. 71055
Poirault, G. *see* Gaillard, R. 70479
Poirier, D.M. *see* Laaksonen, R.T. 70105
Poirier, J.P.A. *see* Ahluwalia, K. 78381
Poirier, J.P.A. *see* Sampathkumar, C.B. 78466
Poirier, M. *see* Lauzon, J. 63404
Poirier, P. *see* Hanson, F. 94384
Poirier, R.L. Perpendicular biased ferrite-tuned cavities 67054
Poirot, S. *see* Ariztizabal, F. 98518
Poiseau, E. *see* Jobert, M. 77022
Poisson, M.-A. *see* Blanck, H. 80768
Poisson, M.-A. *see* Blanck, H. 80818
Poisson, R.J. *see* Catalan, A.B. 80901
Poittevin, J. *see* Bouilleret, D. 87242
Poivey, C. *see* Beaucour, J. 69537
Poizat, J.P. *see* Grangier, P. 52583
Poize, M., Renaudin, M., Venier, P. A general time domain approach for the design of perfect reconstruction modulated filter banks 80472
Pojidaev, V. *see* Akimov, V. 53300
Pojidaev, V. *see* Arefiev, A. 88007
Pokalev, O.P. *see* Belolaptikov, I.A. 59156
Pokasov, P.V.. *see* Bagayev, S.N. 86876
Pokasov, P.V. *see* Bagayev, S.N. 86882
Pokines, B.J., Holcomb, M.D., Inman, D.J., Belvin, W.K. Active isolation devices 100168
Pokora, L. *see* Makuchowski, J. 63629
Pokora, L. *see* Makuchowski, J. 63630
Pokotilo, S.A., Krupenko, A.V. Adaptive regulation of resolution in optoelectronic systems 56516
Pokovic, K. Spread spectrum system used in mobile communications services 97033
Pokrovskii, S., Reynaud, F., Froehly, C. Calibration of a stellar interferometer based on a multimode optical fiber of low modal composition, using a monochromatic source 94073
Pokrzywa, R., Fiacco, V.S. A high density pad-on-pad connector utilizing a flexible circuit 92672
Poksheva, J.G., Tocci, L.R., Farris, M.C., Tallarico, S.I. NICMOS flight hardware 256×256 MCT detector array configuration 58786
Pol, E.-J. *see* Haskell, P. 85775
Pol, J.H.G.van *see* van Pol, J.H.G.
Pola, J. *see* Jakoubkova, M. 48991
Polacsek, A. *see* Erbeszkorn, L. 67644
Poladian, L. Variational technique for nonuniform gratings and distributed-feedback lasers 63533
Poladian, L. *see* Eggleton, B.J. 63387
Poladian, L. *see* Eggleton, B.J. 82590
Polajnar, A. *see* Leber, M. 69538
Polak, M., Pitel, J., Krempasky, L., Wolf, Th. Magnetic field produced by shielding currents in single crystals of high-temperature superconductors 82320
Polak, M. *see* Fukui, S. 82329
Polak, M. *see* Hlasnik, I. 82310
Polak, S., Repetto, M., Sabbi, G.L. Phase space approach to charged beam analysis 83522
Polana, R., Nelson, R. Detecting activities 64725
Polana, R., Nelson, R. Low level recognition of human motion (or how to get your man without finding his body parts) 96067
Polanco, S., Behera, A.K. Shelf life of electronics/electrical devices 60916
Polanco, S., Behera, A.K. Shelf life of electronic/electrical devices 79292
Poland, S. *see* Claus, R. 52928
Poland, S.H., Bengtsson, J.P., Bhatnagar, M., Ravikumar, K.C., de Vries, M.J., Claus, R.O. Multi-measured multiplexed extrinsic Fabry-Perot interferometric sensors 98052
Polando, G. *see* Scheiner, A. 67627
Polard, K.R. *see* Kaplan, M.S. 98834
Polatin, P.F., Sarabandi, K., Ulaby, F.T. An iterative inversion algorithm with application to the polarimetric radar response of vegetation canopies 59593
Polatin, P.F. *see* Sarabandi, K. 57099
Polato, P. *see* Zanella, G. 59098
Polcari, M. *see* Mii, Y. 71677
Polcari, M. *see* Shahidi, G.G. 71790
Polcari, M. *see* Taur, Y. 93612
Polcari, M.R. *see* Shahidi, G.G. 92195
Polchert, S. INMARSAT-B satellite communication system 97206
Pole-Shan Lin *see* Jyh-Chyurn Guo 71660
Pole-Shang Lin, To-Sing Li The impact of scaling-down oxide thickness on poly-Si thin-film transistors' I-V characteristics 50014
Polec, J., Pavlicova, J., Vargic, R. New ordering of sequences and bases functions of discrete Fourier and discrete Hartley transforms for transform coders 74297
Polec, J. *see* Hudecova, M. 74293
Polemi, D., Sakkalis, T. Singular algebraic curves over finite fields 69662
Poles, L.D. *see* Mittleman, S.D. 95029
Polese, E. *see* Pires, C. 57778
Polese, P., Zaganiaris, A. Optical fibres in the local loop — views from RACE 58388
Polese, P. *see* Bonatti, M. 58000
Polese, P. *see* Maggi, W. 51909
Polesello, G. *see* Dell'Acqua, A. 87955
Polesello, P. *see* Manfredotti, C. 88052
Poleshchuk, A.G. *see* Dontsova, V.V. 56302
Polesskii, V.P. Lower bounds on full rank probability in random matroids 64896
Poletaeva, N.G. *see* Isaev, G.A. 88737
Poleti, D. *see* Brankovic, Z. 49680
Poletti, M.A. *see* Coulson, A.J. 64506
Polevin, S.D. *see* Korovin, S.D. 49751
Polevoi, P.P. *see* Bykov, K.I. 78362
Polevoi, V.G. *see* Biryukov, S.V. 64130
Poley, D. *see* Sturtevant, J. 71515
Polezhaev, Yu.A. *see* Batenin, V.M. 89703
Polger, P.D., Goldsmith, B.S., Przywarty, R.C., Bocchieri, J.R. National Weather Service warning performance based on the WSR-88D 77397
Polhoransky, P. *see* Grno, L. 53011
Poli, A. *see* Maini, M. 90877
Poli, L.C., Kondek, C.A. A high contrast deep submicron E-beam lithography process for fabricating planar waveguide optical gratings on GaAs 82622
Poli, L.C. *see* Kondek, C.A. 82219
Poliacof, M.M. Efficient fluorescent lighting systems for commercial spaces 60617
Poliakova, R.V. *see* Lima, S. 87692
Policarpo, A. *see* Fraga, F. 59124
Policarpo, A.J.P.L. *see* Chepel, V.Y. 98528
Polichar, R., Schirato, R., Baltgalvis, J., Reed, J. Evaluation of multi-element monolithic CdZnTe arrays for gamma and X-ray imaging 87968
Polichar, R.M. *see* Schirato, R.C. 59230

Policroniades, R., Varela, A., Lopez, J., Maggi, R. An associated particle time-of-flight facility for neutron cross section measurement 67399
Polignano, M.L., Maitre, L., Queirolo, G. Measurements of carrier diffusion length in processed wafers: correlation with the electrical behaviour 55542
Polikarpova, M.V. *see* Gubkin, I.N. 82327
Polikarpova, N.S. Scatterplots for qualitative data: an approach to feature extraction for visual display 64773
Polimeni, J. *see* Leslie, T. 62608
Polimeni, S. *see* Cannizzaro, G. 68412
Poling, D.J. E-mail as an effective teaching supplement 58090
Polinski, P.W. *see* Brown, R.L. 80864
Polinsky, M. *see* Lampe, D.R. 61688
Polischuk, B., Kasap, S.O., Aiyah, V., Baillie, A. The interrupted field time-of-flight transient photoconductivity technique for studying charge transport and trapping in high resistivity semiconductors 72562
Polishchuk, V.I. *see* Novozhilov, A.N. 60155
Polishkarov, V.S. An estimate of the components of the measurement error associated with signal generation inaccuracy in radio rangefinders 84215
Polit, P.P., Nasrabadi, N.M. A new image and video compression technique in an asynchronous transfer mode network environment 85874
Politano, R., Nozieres, J.P., Perrier de la Bathie, R., Missell, F.P. Metastable A_1 phase in Al-doped Nd-Fe-B magnets 50180
Politi, C.A. VSATs: An efficient option for voice and data networking 97179
Politov, V.Yu., Loboda, P.A., Lykov, V.A., Nilsen, J. A 64 Å Ne-like Ge X-ray laser resonantly photo-pumped by Ly-α Mg radiation 56603
Poljak, D., Roje, V. Analysis of wire antennas radiating over lossy half-space 94960
Poljancic, K. A system for the automatic regulation of vertical displacement of the high voltage electrode on the voltage balance 66117
Poljancic, K. *see* Bego, V. 86830
Polkki, J. *see* Karjalainen, M. 75801
Poll, D. *see* Jackson, G. 87876
Polla, D.L. Ferroelectric microsensors and microactuators 56185
Polla, D.L. *see* Mei, Q. 62070
Polla, D.L. *see* Pham, L. 76061
Pollack, C.J. *see* Bernhardt, P.A. 83690
Pollack, G. *see* Hsindao Lu 92233
Pollack, G. *see* Jeong-Mo Hwang 63001
Pollack, G.P. *see* Hwang, J.M. 71806
Pollack, G.P. *see* Hwang, J.M. 93643
Pollak, F.H. *see* Qiang, H. 91677
Pollak, P., McCarthy, J.D., White, D.P. Definitions for power supply specification 76287
Pollak, R.A. *see* Borgesen, P. *(editor)* 90784
Pollak, V.L. *see* Grob, K. 79184
Pollakowski, M., Ermert, H. Chirp signal matching and signal power optimization in pulse-echo mode ultrasonic nondestructive testing 80007
Pollard, G. Videodisc for visual people: teaching interactive video to hearing impaired students 79173
Pollard, J.K., Phillips, M.L., Singh, J., Mavroyiannis, D. A data communication simulator to investigate line coding 57934
Pollard, J.K. *see* Gedge, S.L. 48724
Pollard, K.R., Bice, A.N., Durack, L.D., Lewellen, T.K., Miyaoka, R.S., Kohlmyer, S.G. Using list-mode data to compare scatter corrections in I-131 imaging 59305
Pollard, K.R. *see* Haynor, D.R. 98839
Pollard, R.D. Compensation technique improves measurements for a range of mechanically compatible connectors 92665
Pollard, R.D. *see* Collins, C.E. 87495
Pollard, R.D. *see* Joshi, K.K. 49614
Pollard, R.D. *see* Joshi, K.K. 80643
Pollard, R.J. *see* Atkinson, R. 72496
Pollard, S., Porrill, J. Robust recovery of 3D ellipse data 84647
Pollastri, F. *see* Pettiti, G. 75866
Pollex, D. *see* Rivard, B. 77295
Polley, R., Yinger, P.B. Installation of the fiber optic communications underwater system (FOCUS) 96957
Pollick, F.E. *see* Giblin, P.J. 74227
Pollini, G.P., Meier-Hellsrern, K.S. Path optimization procedures for efficient routing of information after an inter-switch handover 85763
Pollini, G.P. *see* Meier-Hellstern, K.S. 51845
Pollitt, S. Standards to support lightwave communications 86431
Pollitz, J.H. Internet resources: opportunity knocks at our door 75025
Pollmann, A. *see* Malesani, L. 68772
Pollmann, A.J. Control strategies for rolling mills 69266
Pollmann, D. *see* Borer, K. 76790
Pollnau, M., Graf, T., Balmer, J.E., Luthy, W., Weber, H.P. Explanation of the CW operation of the Er^{3+} 3-μm crystal laser 56662
Pollock, C. The overhead route to rapid telecoms roll-out 68132
Pollock, C. *see* Wu, C.Y. 69047
Pollock, C.R. *see* Bair, J.E. 82803
Pollock, C.R. *see* Sennaroglu, A. 82974
Pollock, D., Brown, G., Dwyer, S., Gattu, R., Warner, D. Preliminary analysis of coil wedge dimensional variation in SSC prototype dipole magnets 76653
Pollock, G. *see* Knapp, K.E. 100706
Pollock, G.A. *see* Jensen, C.L. 100657
Pollock, R.E. *see* Ross, M.A. 53283
Polman, A. *see* Fleuster, M. 72644
Polman, A. *see* Franzo, G. 50686
Polo, C.Gomez *see* Gomez Polo, C.
Polo, M.C., Cifre, J., Esteve, J. Interfacial layer effects in the growth of CVD diamond 70092
Polo, M.C. *see* Cifre, J. 71293
Poloiko, I.G. *see* Kalashnikov, V.L. 56689
Poloiko, I.G. *see* Kalashnikov, V.L. 63734
Polok, G. *see* Adam, W. 88114
Polok, G. *see* von Apeldoorn, G. 88116
Poloni, C. *see* Walker, R.P. 67242
Poloniecki, J.G., Grignon, M., Saidi, A. Computer models of wall-sensor interactions in measurements using zero-balance heat-flux meters 53068
Polonsky, L., Park, C.O., Krushelnick, K., Suckewer, S. Table top soft X-ray laser development 50737
Poloskin, D.S. *see* Emtsev, V.V. 81194
Poloujadoff, M. *see* Bhathena, F. 89849
Poloujadoff, M. *see* De Oliveira, M. 53732
Poloujadoff, M. *see* Derbel, N. 60186
Polovinkina, V.I. *see* Baigarin, K.A. 98718
Polowczyk, W., Stanczak, W. Harmonic distortions and asymmetry of steady recovery voltages and of steady prospective recovery voltages of circuit in three phase test circuits for low voltage equipment 75837
Poloyko, I.G. *see* Kalashnikov, V.L. 63689
Poloyko, I.G. *see* Kalashnikov, V.L. 83281
Poloyko, I.G. *see* Kalosha, V.P. 73114
Polozec, X.Le *see* Le Polozec, X.
Polsky, B. *see* Apanovich, Y. 55859
Polster, D. *see* Pausch, G. 98513
Poltarzewski, Z. *see* Saiti, P. 60425
Polturak, E. *see* Koren, G. 56244
Polturak, E. *see* Koren, G. 82383
Poltyrev, G. Lattices based on linear codes 73649
Poltyrev, G. On coding without restrictions for the AWGN channel 73697
Poltyrev, G. Bounds on the decoding error probability of binary linear codes via their spectra 95124
Poltyrev, G., Snyders, J. Modulo-2 separable linear codes 73633
Poltyrev, G. *see* Herzberg, H. 73727
Polukhin, G.A. *see* Kislyakov, A.E. 83836
Polushkin, V., Drung, D., Koch, H. A broadband picovoltmeter based on the direct current superconducting quantum interference device with additional positive feedback 87357
Polushkin, V.M., Polyakov, S.N., Rakhimov, A.T., Suetin, N.V., Timofeyev, M.A., Tugarev, V.A. Diamond film deposition by downstream d.c. glow discharge plasma chemical vapour deposition 69936
Poluyanov, B.M. *see* Levchenko, E.V. 53935
Poluzzi, R. *see* Pagni, A. 54034
Poluzzi, R. *see* Pagni, A. 55353
Poluzzi, R. *see* Pagni, A. 70294
Polyak, N., Pearlman, W.A. A new method for nonorthogonal signal decomposition 84846
Polyak, R.A. *see* Jensen, D.L. 69772
Polyakov, A.Y., Milnes, A.G., Smirnov, N.B., Kozhukhova, E.A., Druzhinina, L.V., Govorkov, A.V., Dolginov, L.M., Tunitskaya, I.V. Properties of MIS structures prepared on InGaAsSb quaternary solutions by anodic oxidation 71217
Polyakov, A.Y. *see* Dolginov, L.M. 93150
Polyakov, B.I. *see* Abakumov, G.A. 72698
Polyakov, I.I. *see* Zimnyakov, D.A. 74353
Polyakov, S.N. *see* Polushkin, V.M. 69936
Polyakov, S.V., Rapoport, V.O., Trakhtengerts, V.Yu. Electro-acoustic sounding of the cloudiness atmosphere 53533
Polyakov, V.A., Tolparev, R.G. A modification of the Wilcockson detector 57458
Polyakov, V.E. *see* Dubovoi, V.G. 100390
Polyakov, V.Y. *see* Dubovoi, V.G. 77919
Polyansky, P.V. Informative properties of second-order holograms 73153
Polyantsev, A.S. *see* Egorov, S.A. 98044
Polydoros, A. *see* Cheng, U. 52331
Polydoros, A. *see* Ching-Kae Tzou 75307
Polydoros, A. *see* Levitt, B. 75197
Polydoros, A. *see* Levitt, B.K. 57537
Polymeropoulos, C.E. *see* Choudhury, S.R. 94126
Polyzos, G. *see* Pasquale, J. 74649
Polyzos, G.C., Molle, M.L. A queueing theoretic methodology for the analysis of separable conflict resolution algorithms with variable length elementary events 64900
Polyzos, G.C. *see* Claffy, K.C. 85633
Polzer, E. *see* Massiot, M. 81103
Polzer, E.K. *see* Bansky, J. 81101
Polzik, E.S. *see* Mabuchi, H. 94645
Pomansky, A. *see* Saenz, C. 59159
Pomansky, A.A. *see* Avignone, F.T. 67288
Pomarico, J. *see* Rabal, H. 73135
Pombortsis, A., Papaefstathiou, E., Veglis, A., Nudd, G.R. PASE: a performance analysis simulation environment 96413
Pombortsis, A., Vlahavas, I. A contribution to the problem of avoiding congestion in multistage networks in the presence of unbalanced traffic 96128
Pombra, S., Cover, T.M. Non white Gaussian multiple access channels with feedback 74664
Pomelov, N.N. *see* Katz, M.M. 98495
Pomeranz, I., Reddy, S.M. On identifying undetectable and redundant faults in synchronous sequential circuits 49367
Pomeranz, I., Reddy, S.M. On the role of hardware reset in synchronous sequential circuit test generation 70444
Pomeranz, I., Reddy, S.M. On error correction in macro-based circuits 91698
Pomeranz, I., Reddy, S.M. Design-for-testability for path delay faults in large combinational circuits using test-points 91986
Pomeranz, I., Reddy, S.M. On improving fault diagnosis for synchronous sequential circuits 91990
Pomeranz, I., Reddy, S.M. On determining symmetries in inputs of logic circuits 92079
Pomeranz, I., Reddy, S.M. On testing delay faults in macro-based combinational circuits 92156
Pomeranz, I. *see* Kajihara, S. 49387
Pomeranz, I. *see* Reddy, S.M. 70371
Pomeranz, I. *see* Uppaluri, P. 70376
Pomerene, A., Petrillo, K., Seeger, D., Ito, H., Breyta, G., Hofer, D. Optimization of ESCAP photoresist for X-ray lithography 81597
Pomerene, A.T. *see* Liebmann, L.W. 81587
Pomerleau, R. *see* Rahal-Arabi, T. 80979
Pomeshchikov, V.S. *see* Paskov, V.V. 89668
Pomfrett, S. *see* Clarke, A.M. 51912
Pomfrett, S.M. *see* Clarke, A.M. 96448
Pomme, N. *see* Marques, D. 66743
Pommerenke, D. *see* Aidam, M. 83464
Pommert, A., Riemer, M., Schiemann, T., Schubert, R., Tiede, U., Hohne, K.H. Knowledge-based and 3D imaging systems in medical education 84628
Pommert, A. *see* Schiemann, T. 57684
Pommier, D. *see* Rau, M.C. 97571
Pommnitz, J. *see* Kroll, C. 85326
Pommot Maia, M., Cooper, P.S., Stutte, L., Solyanik, V., Filimonov, I., Nemitkin, A. A prototype RICH detector 59128
Pomot, G. *see* Raynaud, P. 55799
Pomp, H. *see* Woerlee, P.H. 62997
Pomp, H.G., Woerlee, P.H., Woltjer, R., Paulzen, G., Lifka, H., Kuiper, A.E.T., de Zaldivar, J.S., Vecsernyes, S. Lightly N_2O nitrided dielectrics grown in a conventional furnace for E^2PROM and 0.25 μm CMOS 93171
Pomp, H.G. *see* Woltjer, R. 71672
Pompe, W. *see* Gorbunov, A.A. 93288
Pompili, M., Mazzetti, C., Forster, E.O. A new family of electrical insulating fluids: perfluorinated polyethers 50152
Pompili, M. *see* Forster, E. O. 63090
Pompoui, R. EMC testing laboratories—quality verification and improvement 65148
Pon, H. *see* Baker, A. 92225
Ponarovkin, D.B. *see* Gamazin, S.I. 100107
Ponce, D. *see* Young, A.T. 53272
Ponce, F. *see* Bour, D.P. 63787
Ponce, J., Marimont, D.H., Cass, T.A. Geometric methods for relative reconstruction from weakly calibrated images 96081
Ponce, J. *see* Taubin, G. 51590
Ponce, M. *see* Tang, D.D. 72111
Poncet, A. *see* Artoos, K. 94019
Poncet, J.-M., Claudet, G., Lagnier, R., Ravex, A. Large cooling power hybrid Gifford Mac Mahon/Joule Thomson refrigerator and liquefier 93988
Ponchak, G.E., Kayali, S., Ho-Chung Huang The development of a GaAs MMIC reliability and space qualification guide 80810
Poncharra, J.de *see* de Poncharra, J.
Ponchet, A., Rocher, A., Emery, J.Y., Starck, C., Goldstein, L. TEM observation of modulations in strained GaInAsP multilayers grown by gas source molecular beam epitaxy 81311
Ponchet, A., Rocher, A., Ougazzaden, A., Mircea, A. Self-induced laterally modulated GaInP/InAsP structure grown by metal-organic vapor-phase epitaxy 69975
Ponchet, A. *see* Bensaoula, A.H. 54849
Poncino, M. *see* Bahar, R.I. 49284
Poncino, M. *see* Cho, H. 49076
Poncino, M. *see* Hachtel, G.D. 92144
Poncino, M. *see* Hyunwoo Cho 92033
Poncot, J.C. Advanced multi-channel Bragg cells for 2D interferometric phase-frequency measurements 94218
Pond, K. *see* Bressler-Hill, V. 91441
Pond, R.C. *see* Daykin, A.C. 81352
Pond, S. *see* Baker, P.D. 99233
Pondelicek, B. On generalized conditionally commutative semigroups 91172
Pong, B. *see* Corbett, W.J. 67237
Pong, K.-C. *see* Liu, J. 55786
Pong, M.H. *see* Ho, W.C. 80137
Pong Chu *see* Ivancic, W.D. 86250
Pong Ting-Chuen *see* Ting-Chuen Pong
Pongsapich, A., Wongsekiarttirat, W. Urban household energy consumption in Thailand 69027

Poniewierski, H. *see* Bakowski, P. 90274
Ponnambalam, V., Varadaraju, U.V. High-temperature resistivity and thermopower studies on substituted Bi-2212 and Bi-2201 systems 71122
Ponnapalli, S., Bertin, R., Deutsch, A. A package analysis tool based on a method of moments/surface formulation 91035
Ponomarenko, A.T., Buts, A.V., Shevchenko, V.G., Klason, C. Prospective polymer composites with electrophysical properties: highly-filled fibers 91649
Ponomarenko, A.T., Shevchenkno, V.G., Klason, C., Pristupa, A.I. Magnetic-field-sensitive polymer composite materials 79984
Ponomarenko, A.T. *see* Shevchenko, V.G. 79985
Ponomarenko, V. *see* Tretyakova, S. 88168
Ponomarenko, V.I., Trubetskov, D.I. Complex dynamics of the vacuum microtriode self-excited oscillator analog model 81133
Ponomarev, A.I. *see* Krylov, K.R. 92980
Ponomarev, A.M., Ponomarev, M.F. Output admittance of p-MOS transistor in the temperature range of (5-80) K 55956
Ponomarev, A.M., Tolkacheva, E.S. A filter for synchronous voice-frequency communication channels in power networks 88977
Ponomarev, A.V. *see* Gavrilov, N.V. 49741
Ponomarev, I.Yu. *see* Xiao, Q.F. 88297
Ponomarev, M.F. *see* Ponomarev, A.M. 55956
Ponomarev, N. *see* Gruverman, A. 93729
Ponomarev, O.A. *see* Martinez-Davalos, A. 88382
Ponomarev, S.I. *see* Kozlovskii, V.V. 49960
Ponomareva, V.P. *see* Voloshinov, V.B. 56466
Ponomariev, E.P. Dynamic excitation model for liner predictive 2400 Bps vocoder 73901
Ponomariev, E.P. Lattice filters for adaptive postfiltering and CELP coding 73902
Ponomaryov, L.I., Gordienko, L.V., Pavlov, A.Yu. Investigation of the characteristics of scanning bi-frequency combined dipole antenna array 57284
Ponpon, J.P. *see* Fontaine, J.Ch. 88086
Pons, A.M. *see* Artigas, J.M. 98219
Pons, D. Microwave semiconductor devices: which technology? 70892
Pons, D. *see* Blanck, H. 80768
Pons, D. *see* Blanck, H. 80818
Pons, D. *see* Delage, S.L. 70895
Pons, D. *see* di Forte-Poisson, M.A. 70896
Pons, L. *see* Luppi, J. 60549
Pons, M., Joubert, O., Martinet, C., Pelletier, J., Panabiere, J.-P., Weill, A. Comparison of dry development techniques using O_2 and SO_2/O_2 low-pressure plasmas 49925
Pons, M., Pelletier, J., Joubert, O. Anisotropic etching of polymers in SO_2/O_2 plasmas: hypotheses on surface mechanisms 55759
Pons, P., Blasquez, G. Low-cost high-sensitivity integrated pressure and temperature sensor 66184
Pons, R. *see* Li Shenping 83197
Pons, R. *see* Li Shenping 94634
Ponsardin, P., Higdon, N.S., Grossmann, B.E., Browell, E.V. Spectral control of an alexandrite laser for an airborne water-vapor differential absorption lidar system 99176
Ponsardin, P. *see* Higdon, N.S. 99175
Ponsford, A.M. A comparison between predicted and measured sea echo Doppler spectra for surface wave radar 77545
Ponsioen, I. Simplified MV switchgear system for wider application 68890
Ponsonby, J.E.B. Hermetic sealing of a coaxial cable by a double tourniquet 49691
Pont, M., Reverter, J., Munoz, J.S. Magnetic behaviour of rapidly quenched Nd-Dy-Fe-B alloys 50191
Pont, M. *see* Martinez, L.M. 53027
Ponte, S. *see* Moccia, A. 88858
Pontecorvo, G.B. *see* Ivanov, V.V. 88144
Pontecorvo, L. Study of the characteristics of single and double gap resistive plate chambers for a muon trigger at LHC 53336
Pontecorvo, L. *see* Moers, T. 67364
Ponten, L., Hallstrand, J., Marques, M.M. Building dedicated service creation environments for reuse based production 96447
Pontes, M.S., da Silva Mello, L.A.R. An improved method for slant path rain attenuation prediction 83694
Pontifex, B., Poon, S., Jaggi, B. Design of a high resolution programmable digital camera 76088
Pontiga, F., Castellanos, A. Galerkin analysis of electrothermal instabilities in plane liquid layers 71839
Pontin, P. Parallel image processing by design 85146
Pontnau, J. *see* Amirat, M.Y. 87039
Pontonnier, M. *see* Melin, G. 53148
Pontonnier, M. *see* Melin, G. 76747
Pontoppidan, N. *see* Albertsen, N.C. 51249
Pontt, C.O., Pontt, J.O. Probabilistic harmonic analysis of power system with multiple non-sinusoidal loads 99510
Pontt, J. *see* Vasquez, J.C. 100241
Pontt, J.O. *see* Pontt, C.O. 99510
Ponyatov, A.A. *see* Bakhmet'yeva, N.V. 83654
Ponzoni, C. *see* Chen, W. 71206
Ponzoni, C.A. *see* Gaines, J.M. 48956
Pooi Yuen Kam, Kwai Yin Seek, Tjeng Thiang Tjhung, Pranesh Sinha Error probability of 2DPSK with phase noise 73590
Pooi Yuen Kam, Seng Slew Ng, Tok Soon Ng Optimum symbol-by-symbol detection of uncoded digital data over the Gaussian channel with unknown carrier phase 84246
Pool, J. Update on the 1993 National Electrical Code Book 60870
Poole, C.D., Favin, D.L. Polarization-mode dispersion measurements based on transmission spectra through a polarizer 72333
Poole, C.D., Presby, H.M., Meester, J.P. Two-mode fibre spatial-mode converter using periodic core deformation 82555
Poole, C.D., Wiesenfeld, J.M., DiGiovanni, D.J., Vengsarkar, A.M. Optical fiber-based dispersion compensation using higher order modes near cutoff 97341
Poole, C.D. *see* Santoro, M.A. 50483
Poole, I., Carothers, A., Charleston, D. Object relocation in automated image cytometry 59371
Poole, K.F. *see* Wait, M.A. 62379
Poole, M.W., Clarke, J.A., Mezentsev, N.A., Smith, S.L., Suller, V.P., Welbourne, L.A. A design concept for the inclusion of superconducting dipoles within a synchrotron light source lattice 67207
Poole, M.W., Clarke, J.A., Quinn, P.D., Smith, S.L., Suller, V.P., Welbourne, L.A. Commissioning a second superconducting wiggler in the Daresbury SRS 67245
Poole, M.W. *see* Clarke, J.A. 87809
Poole, M.W. *see* Quinn, P.D. 98464
Poole, M.W. *see* Welbourne, L.A. 87820
Poole, N.R. The application of simulators in teaching digital electronics 69435
Poole, P.J., Charbonneau, S., Fritze, M., Nurmikko, A.V. Time resolved studies of spatially direct and indirect transitions in GaAs/AlGaAs and InGaAs/GaAs quantum wires 93159
Poole, P.J. *see* Piva, P.G. 71178
Poole, S. *see* Zhao, Y. 63707
Poole, S.B. *see* Atkins, G.R. 63399
Poon, F.S.F. *see* Ertas, T. 51330
Poon, J.C.H. *see* Man, G.M.T. 74432
Poon, J.C.H. *see* Man, G.M.T. 95657
Poon, J.C.H. *see* Man, G.M.T. 96099
Poon, M.C. *see* Jelenkovic, E.V. 81382
Poon, P.W.F. *see* Lo, T.F. 98922
Poon, S., Gelatos, A., Perera, A.H., Hoffman, M. A manufacturable chemical-mechanical polish technology with a novel low-permittivity stop-layer for oxide polishing 71402
Poon, S. *see* Gelatos, A.V. 71427
Poon, S. *see* Pontifex, B. 76088
Poon, T.-C., Ho, K.C. Real-time optical implementation of difference-of-Gaussians wavelets 58654
Poon, T.W., Ho, P.S. Monte Carlo study of percolation in conductor-filled polymers 91647
Poon, W.H. *see* Hlynka, M. 69683
Poon Chi-Sang *see* Chi-Sang Poon
Poon Ting-Chung *see* Ting-Chung Poon
Poong Lee Ki *see* Ki Poong Lee
Poong-hyun Seong *see* Hak-yeong Chung 89466
Poor, H.V., Rusch, L.A. Narrowband interference suppression in spread spectrum CDMA 86076
Poor, H.V. *see* Garth, L.M. 73979
Poor, H.V. *see* Mitra, U. 65572
Poor, H.V. *see* Rusch, L.A. 58293
Poor, H.V. *see* Steinberg, Y. 73939
Poor, H.V. *see* Steinberg, Y. 95581
Poornaiah, D.V., Haribabu, R., Ahmad, M.O. Design and VLSI implementation of a novel concurrent 16-bit multiplier-accumulator for DSP applications 70602
Poort, S.H.M. *see* van Schaik, W. 72583
Poortmans, J. *see* Caymax, M. 48921
Poortmans, J. *see* Caymax, M. 48922
Poortmans, J. *see* Ohyama, H. 62662
Poortmans, J. *see* Ohyama, H. 71574
Poovamma, P.K., Jagadish, R., Dwarakanath, K. Investigation on static electrification characteristics of transformer oil 68681
Pop, G. *see* Chiriac, H. 71993
Pop, V. *see* Burzo, E. 71946
Pop, V. *see* Burzo, E. 72207
Popa, N.C., Potencz, I., Vekas, L. Magnetic fluid flow meter for gases 76269
Pope, C. *see* Calero, J. 76056
Pope, J., Jr., Woodburn, R., Watkins, J., Lachenbruch, R., Viloria, G.C. Manufacturing integration of real-time laser interferometry to isotropically etch silicon oxide films for contacts and vias 62420
Pope, J.C.D. *see* Edgar, G.K. 99086
Pope, J.E. Automotive electronics and the EMC directive—an overview 51141
Pope, J.E. EMC of road vehicles for Europe 57146
Pope, J.E. EMC on the road 78942
Pope, J.M. *see* Kron, T. 88612
Pope, M. *see* Kobayashi, K.W. 92561
Pope, N.H. *see* Chadwick, D.W. 85756
Popel, O.S. *see* Shpil'rain, E.E. 99818
Popelka, J. *see* Wang, W.W. 56324
Popelnjuk, G.P. *see* Lipnitskii, V.I. 63555
Popescu, A. *see* Ronngren, R. 74960
Popescu, C., Popescu, M. The optimal design of the R-C series voltage dividers in modular construction 61833
Popescu, C., Popescu, M. Calculation of 4 parameters transient recovery voltage in synthetic test circuits 90273
Popescu, I. *see* Vijdea, A.-M. 77693
Popescu, I.I. *see* Ganciu, M. 71055
Popescu, I.M. *see* Rosui, N. 83390
Popescu, M. *see* Popescu, C. 61833
Popescu, M. *see* Popescu, C. 90273
Popescu, V. *see* Legler, G. 59905
Popescu-Zeletin, R. *see* Covaci, S. 96649
Popescu-Zeletin, R. *see* Kanzow, J. 74825
Pophillat, L. Optical modulation depth improvement in SCM lightwave systems using a dissymmetrization scheme 75418
Popien, C., Hager, R. The ODP trader functionality applied to the integrated road transport environment 96644
Popien, C., Kuepper, A. A concept for an ODP service management 58070
Popkov, G.N. *see* Igoshin, V.I. 63653
Popkov, G.N. *see* Kazakevich, V.S. 63655
Popkov, Yu. *see* Androsov, V. 76390
Popkov, Yu. *see* Bar'yakhtar, V. 67407
Popkov, Yu. *see* Efimov, S. 76546
Popkova, T.L. *see* Natarov, M.P. 80581
Poplack, S.P. *see* Weaver, J.B. 57843
Poplavko, Y.M., Pereverzeva, L.P., Zavorotnij, V.F., Sklarenko, S.K., Chepilko, A.G. Thermopiezoelectric transducers 82188
Poplavskii, V.M. *see* Matveev, V.I. 99839
Poplawski, C. *see* Arya, R.R. 100522
Poplawski, C. *see* Bennett, M. 100535
Poplawski, E. An experimental battery driven car 100893
Poplawski, J. *see* Sommer-Larsen, P. 55496
Popluhar, K. The Mochovce project 60046
Popma, T. *see* Geerts, W. 93868
Popma, T. *see* te Lintelo, H. 50230
Popma, T.J.A. *see* Abelmann, L. 53028
Popma, T.J.A. *see* Horst, F. 50757
Popma, T.J.A. *see* van Kooten, M. 63211
Poponiak, M. *see* Redmond, B.L. 54393
Poponiak, M. *see* Solnet, R. 60797
Popov, A. *see* Mikhovski, M. 55013
Popov, A. *see* Perelstein, E. 76542
Popov, A.A. Radiative recombination in heterostructure LEDs based on limiting-composition GaInAsSb 94277
Popov, A.A., Shefer, O.V. Theoretical and numerical investigations of the intensity of the lidar signal specular reflected from a set of oriented ice plates 97441
Popov, A.A. *see* Andaspaeva, A.A. 56572
Popov, A.A. *see* Imenkov, A.N. 56794
Popov, A.A. *see* Kolchanova, N.M. 50692
Popov, A.N. *see* Chernenko, S.P. 87999
Popov, A.P., Sirkova, I.D., Mlkhalev, M.A. Excitation of surface-based duct 64181
Popov, A.P., Veniaminov, A.V., Goncharov, V.F. Photophysical mechanisms of effective phase holograms recording in polymers with chemically attached photoactive centers 64037
Popov, A.P., Veniaminov, A.V., Sedunov, Yu.N. Photochemical and diffusional apodization of high-efficiency thick phase holograms 64036
Popov, A.V. *see* Belyavskii, S.S. 56052
Popov, A.Yu. *see* Belous, V.M. 73169
Popov, A.Yu. *see* Mandel', V.E. 94678
Popov, A.Yu. *see* Vendik, O.G. 49613
Popov, G.G. *see* Theunissen, J.A.P. 87981
Popov, I.A., Nazarova, L.D. Predicting the stability of the characterstics of thin-film transistors on the basis of fundamental characteristics of *a*-Si:H films 81901
Popov, I.Yu., Popova, S.L. Model of zero-width gaps and resonance effects in a quantum waveguide 56046
Popov, I.Yu. *see* Geyler, V.A. 49809
Popov, M.M., Zalipaev, V.V. Computational aspects of shortwave scattering by a smooth waveshaped grating under grazing incidence 51085
Popov, P.G. Dynamic measure of image proximity. I. Detection of motion 57689
Popov, P.G. Robust image compilation 57736
Popov, V.I. Electromechanical frequency converters based on cascaded asynchronous machines 54029
Popov, V.I. Rotary frequency converters based on cascade arrangements of asynchronous machines 100236
Popov, V.N. *see* Yermakov, A.N. 89418
Popov, V.V. *see* Bagaeva, T.Yu. 92944
Popov, V.Yu. *see* Bykov, A.A. 94792
Popov, Yu. *see* Krasnykh, A. 66793
Popov, Yu.M. *see* Basov, N.G. 52704
Popova, G.M. Programmable associative array for design of discrete components 49235
Popova, L.I., Andreev, S.K., Gueorguiev, V.K., Stoyanov, N.D. Voltage dependence of gas-sensing behaviour of SnO_2-gate FETs 66554
Popova, L.I. *see* Andreev, S.K. 66528
Popova, L.I. *see* Andreev, S.K. 66553
Popova, O.A. *see* Usoskin, A.I. 91586
Popova, S.L. *see* Popov, I.Yu. 56046
Popovic, B.D. *see* Kolundzija, B.M. 51205
Popovic, B.D. *see* Popovic, Z.B. 79352

Popovic, B.M. Efficient matched filter for the generalized chirp-like polyphase sequences 73959
Popovic, D., Mijailovic, S. An efficient method for simultaneous analysis of island operation of power system parts 68019
Popovic, D. *see* Popovic, M. 59419
Popovic, D.B. *see* Nikolic, Z.M. 76990
Popovic, D.H. *see* Hill, D.J. 77887
Popovic, D.S., Calovic, M.S., Levi, V.A. Voltage reactive security analysis in power systems with automatic secondary voltage control 53673
Popovic, M., Sevic, D. A new look at the comparison of the fast Hartley and Fourier transforms 74203
Popovic, M., Tomovic, R., Popovic, D. Joint angle synergy in control of arm movements 59419
Popovic, M. *see* Sevic, D. 92404
Popovic, M.B., Owens, T.L., Kroc, T.K., Allen, L.J., Schmidt, C.W. Time-of-flight measurements of absolute beam energy in the Fermilab linac 76405
Popovic, M.B. *see* Kerns, Q. 67169
Popovic, M.B. *see* Owens, T.L. 76406
Popovic, P., Furlan, J., Kusian, W. The wave nature of light in computer analysis of solar cells 100591
Popovic, P. *see* Furlan, J. 100467
Popovic, R.S. *see* Kyburz, R. 52815
Popovic, R.S. *see* Kyburz, R. 97949
Popovic, Z.B., Popovic, B.D. Time-efficient modeling of the effect of metal packages on electrical circuits 79352
Popovic, Z.B. *see* Bundy, S.C. 80710
Popovic, Z.B. *see* D'Evelyn, L. 80199
Popovic, Z.B. *see* D'Evelyn, L. 83126
Popovic, Z.B. *see* Schoenberg, J.S.H. 92606
Popovic, Z.B. *see* Shiroma, W.A. 80629
Popovic, Z.B. *see* Shiroma, W.A. 92471
Popovici, G. *see* Chao, C.H. 61388
Popovici, G. *see* Hajsaid, M. 62660
Popovici, G. *see* Khan, A.H. 79967
Popovics, J.S. *see* Wymer, S.A. 64058
Popp, J. *see* Kerber, M. 63037
Popp, J. *see* Meister, T.F. 62964
Popp, J. *see* Weger, P. 75301
Popp, R., Cheng Tung A formalized VHSIC hardware description language (VHDL) finite state machine model of the Xpress Transfer Protocol (XTP) 85305
Popp, R.L. Implications of Internet fragmentation and transit network authentication 65061
Poppe, A. *see* Tarnay, K. 55061
Poppe, E. *see* Kunsler, W. 96760
Poppe, U. *see* Kunkel, G. 93938
Poppen, D., Rohling, H. On the coexistence of CDMA mobile radio and digital point-to-point microwave systems in the 2 GHz frequency domain 97089
Poppi, M. *see* Bordin, G. 72005
Popple, G.W., Towndrow, S.P. Communications for the construction industry 74799
Popplewell, A., O'Reilly, J.J. Algorithms suitable for low complexity implementation of at class of runlength-limited error control codes 64295
Popplewell, A., O'Reilly, J.J. Soft decision decoding techniques for a class of runlength-limited error control codes 64296
Popplewell, A. *see* Bian, Y. 73598
Poprik, C. *see* Ancman, E. 88678
Popstefanija, I. *see* Pazmany, A.L. 77405
Popyack, L.J. *see* Skormin, V.A. 59474
Popyrin, L.S. The informativeness of reliability indices for power installations 89413
Popyrin, L.S., Zubets, A.N. The reliability of individual and interconnected heat sources 89670
Porada, E., Bock, W.J. Calibration of fiber-optic sensors using universal approximators 98028
Porada, E. *see* Bock, W.J. 76049
Porada, E. *see* Zaremba, M.B. 66702
Porada, T. Materials recovery: asset alchemy 90898
Porada, Z., Schabowska-Osiowska, E. Dynamic characteristics of a thin film optoelectronic voltage-current convertor 63589
Porat, B. *see* Nehorai, A. 98167
Porat, M. *see* Katzir, N. 64587
Porat, Z., Haim, M., Markiewicz, Y. Estimation of Pr{X>Y} or Pr{X≤Y} 91133
Porcar, R. *see* Thiery, L. 87158
Porco, R.L., Bredow, J.W., Fung, A.K. Synthetic dense media fabrication with application to sea ice 77433
Porco, R.L., Bredow, J.W., Huff, B.L. Robotic aided dense medium target fabrication 59538
Porenta, G. *see* Dorffner, G. 98865
Poret, J.C., Suter, J.J. A theoretical study of ionizing radiation effects on optical fiber parameters 63414
Poret, J.C. *see* Suter, J.J. 59112
Poret, J.C. *see* Suter, J.J. 67729
Poretta, S. *see* Maresca, M. 68757
Porh, D. Applications of power electronics in high voltage electricity distribution—the FACT (flexible AC transmission system) 59898
Porile, N. *see* Hauger, A. 55872
Porjesz, T. *see* Kirschner, I. 56280
Porjesz, T. *see* Kirschner, I. 58688
Porjesz, T. *see* Kokkomaki, T. 92490
Poroshin, N.O. *see* Demortier, L. 59090
Poroshin, N.O. *see* Grebenev, V.N. 88135
Porowski, S., Jun, J., Krukowski, S., Bockowski, M., Tedenac, J.C., Record, M.C. High pressure differential thermal analysis (DTA) and crystal growth of α-HgS 79769
Porowski, S. *see* Grzegory, I. 79771
Porras, M.A. Experimental investigation on aperture-diffracted laser beam characterization 63916
Porre, O., Stemmer, M., Pasquinelli, M. LBIC and diffusion length mapping applied to the investigation of gettering by aluminium diffusion in multicrystalline silicon 55541
Porrelli, R. *see* Cruden, A. 60020
Porrill, J. *see* Cornell, S. 84674
Porrill, J. *see* Pollard, S. 84647
Porro, M. *see* Manini, P. 87646
Port, E. *see* Denzel, W.E. 52088
Port, R.M. Multi-chip modules for military and adverse environment applications 54503
Porta, M. *see* Bertran, M. 70615
Porta, M. *see* Butto, M. 74763
Porta, T.F.La *see* La Porta, T.F.
Portacci, G.V. *see* Breglio, G. 87409
Portacci, G.V. *see* Corsi, F. 82086
Portal, G. *see* Harvey, J.R. 88591
Portal, J.C. *see* Gusev, G.M. 62299
Portal, J.C. *see* Hayden, R.K. 55868
Portal, J.C. *see* Martin, P.M. 62671
Portal, J.C. *see* Maude, D.K. 62271
Porte, H. *see* Hauden, J. 97258
Porte, H. *see* Wacogne, B. 83212
Porte, N. *see* Arlabosse, F. 68382
Porter, A.T. *see* Wierzbicki, J.G. 67616
Porter, C.L. *see* Huimin Liu 50920
Porter, D.A. *see* Twelves, C.J. 59262
Porter, D.G. *see* O'Sullivan, J.A. 50356
Porter, D.G. *see* O'Sullivan, J.A. 63226
Porter, F. *see* Bussey, H. 65439
Porter, F.S., Bandler, S.R., Enss, C., Lanou, R.E., Maris, H.J., More, T., Seidel, G.M. A stepper motor for use at temperatures down to 20 mK 54048
Porter, G.S., Whittaker, A.G. System design for DSP in an integrated IC design environment 55077
Porter, J. Phase-locked loop parameters and filters 61602
Porter, J. *see* Debiak, T.W. 76588
Porter, J. *see* Mijuskovic, D. 49198
Porter, J. *see* Sredniawski, J. 76443
Porter, J.E. *see* Higgins, A.L. 84050
Porter, L.J. Teaching design and technology—has the emphasis changed? 54469
Porter, L.M. *see* Baumann, P.K. 81337
Porter, M. *see* Laursen, A. 65345
Porter, N.S. Adjustable speed drives in nuclear applications 90478
Porter, R.P. *see* Al-Kurd, A.A. 97450
Porter, R.P. *see* Rouseff, D. 77542
Porter, S.J., Dawson, J.F. Electromagnetic modelling for EMC using finite methods 73375
Porter, T.L. A dual-scan piezo element for scanning probe microscopes 71869
Porter, T.R. *see* McLellan, J.F. 65996
Porter, W.A., Ligade, S. Training the higher order moment neural array 74096
Porter, W.B. Thriving in a new world order [telecommunication industry] 51891
Porterfield, D.W., Hesler, J.L., Densing, R., Mueller, E.R., Crowe, T.W., Weikle, R.M., II Resonant metal-mesh bandpass filters for the infrared 82794
Porti, J.A. *see* Khalladi, M. 75590
Porti, J.A. *see* Morente, J.A. 51109
Portilla, J., Quere, R., Obregon, J. An improved CAD oriented FET model for large-signal and noise applications 81987
Portmann, C.L., Meng, T.H.Y. Loading effects on metastable parameters of CMOS latches 80254
Portmann, G., Bengtsson, J. A closed-loop photon beam control study for the Advanced Light Source 76477
Portmann, G. *see* Hoyer, E. 67239
Portnoi, E.L. *see* Guriev, A.I. 56793
Portnoi, E.L. *see* Laughton, F.R. 63429
Portnoi, M.G. *see* Bondarenko, A.F. 77917
Portnoi, M.G. *see* Bondarenko, A.F. 99503
Portnoi, M.G. *see* Dyakov, A.F. 99564
Porto, P.Di *see* Di Porto, P.
Portoni, L. *see* Pinciroli, F. 76995
Portugall, O. *see* von Ortenberg, M. 82505
Portugal'skii, V.R. Calculation of Foucalt currents in cryostat shields 53379
Porubsky, S. *see* Pasteka, M. 91305
Porzel, R., Strum, M., Witting, C.-H. A didactic building-block system for high-voltage technology 58624
Posa, F. *see* Almeida, J. 87994
Posa, F. *see* De Carolis, G. 77218
Posa, F. *see* De Carolis, G. 88875
Poschl, A. *see* Hallfahrt, G. 89424
Poser, S. *see* Elbel, T. 66320
Posey, R. *see* Sharma, A. 82582
Poskus, A. *see* Mackus, P. 76151
Posluszny, M. *see* Schulting, L. 78703
Posma, B.W. High performance choppers for mining vehicles 69297
Pospelov, M.N. *see* Etkin, V.S. 77464
Pospichal, B. *see* Beckermann, C. 70977
Pospieszalski, M.W., Nguyen, L.D., Lui, M., Liu, T., Thompson, M.A., Delaney, M.I. Very low noise and low power operation of cryogenic AlInAs/GaInAs/InP HFET's 80693
Pospieszalski, M.W. *see* Lai, R. 70913
Pospieszalski, M.W. *see* Lai, R. 92521
Pospisil, J. Current transformers by Wroblewski 61966
Pospisil, J., Hanus, S., Brzobohaty, J. Explicit circuit models of piecewise-linear two-ports 80077
Pospisil, J., Hanus, S., Brzobohay, J. Simple circuit model of the absolute-value function for the multi-dimensional piecewise-linear network synthesis 91856
Posse, V.A., Jalali, B. Gunn effect in heterojunction bipolar transistors 71593
Posse, V.A., Jalali, B. Gunn effect and high-injection phenomenon in heterojunction bipolar transistors 93354
Posselt, M. Channeling effects and defect accumulation in ion implantation 55714
Post, D.L. Miniature color display for airborne HMDs 67680
Post, D.L., Lloyd, C.J.C. Colour display gamuts and ambient illumination 52993
Post, H. *see* Gries, G. 85996
Post, I.R.C., Ashburn, P., Nouailhat, A. An investigation of the inconsistency in barrier heights for pnp and npn polysilicon emitter bipolar transistors using a new tunneling model 55901
Post, I.R.C. *see* Jerome, R.C. 93585
Post, J.E. *see* Young, M. 60812
Post, J.T., Hixson, E.L., Mapes-Riordan, D. Comments on "Horn modeling with conical and cylindrical transmission-line elements" [and reply] 97725
Post, M.L., Sanders, B.W. Oxygen sensing with perovskite thin films 87321
Post, R. *see* Hyman, E. 91621
Post, U. Datteln railway project: planning and implementation of a power station rebuild in parallel with operation 69132
Postek, M.T. *see* Lowney, J.R. 82026
Postforoosh, J. *see* Enns, M. 68292
Postiglione, C. *see* Foster, B. 90340
Postigo, P.A. *see* Huertas, P. 81461
Postlethwaite, H.R. *see* Rogers, W.J.S. 53833
Postnikov, I.I. Effect of temperature on frequency characteristics of contoured-quartz thickness-shear-type vibrators 77750
Postnova, L.I. *see* Bondarenko, V.P. 69982
Poston, T. *see* Han, J.H. 51682
Poston, T. *see* Han, J.H. 64698
Poston, T. *see* Han, J.H. 64857
Postoyalko, V. *see* Joshi, K.K. 49614
Postoyalko, V. *see* Joshi, K.K. 80643
Postyushkov, V.P., Oleinik, V.F., Tret'yakov, S.M. Resource distribution in a multibeam adaptive array using the parallel scheme of pattern formation 57455
Postyushkov, V.P., Oleinik, V.F., Tret'yakov, S.M. The distribution of adaptive antenna array resources for collective use 64240
Pota, H.R. *see* Dong, Y. 53662
Potabenko, V.S., Vovk, V.I. UCIN Information Net — two years experience on the telecommunications market of the Ukraine and CIS 58035
Potamianos, A., Maragos, P. A comparison of the energy operator and the Hilbert transform approach to signal and speech demodulation 57326
Potamianos, A. *see* Hanson, H.M. 64368
Potamianos, A. *see* Hanson, H.M. 84130
Potamianos, G., Goutsias, J. An analysis of Monte Carlo methods for likelihood estimation of Gibbsian images 85046
Potamianos, P., Davies, B.L., Hibberd, R.D. A robotic system for minimal access surgery 98928
Potapenko, I.I. *see* Nikulin, A.D. 83563
Potapenko, I.I. *see* Pantsyrny, V.I. 82487
Potapenko, I.P. High-frequency sputtering in the VUP-4 vacuum station 48971
Potapov, A.A. Temperature-dielectric spectroscopy of solutions 53019
Potapov, A.A., Kolesnikov, A.I. Spectral characteristics of images of the Earth's surface 84819
Potapov, A.I. *see* Vorob'ev, A.P. 76751
Potapov, M.M., Chechkina, K.A. On a global attractor of a nonlinear optical system 56924
Potapov, V.G. *see* Zyablov, V.V. 64286
Potapov, V.T. *see* Burkov, V.D. 87205
Potapov, V.T. *see* Listvin, A.V. 98047
Potapova, L.A. *see* Akindinov, V.V. 83646
Potchinkov, A.W., Reemtsen, R.M. FIR filter design in the complex domain by a semi-infinite programming technique. I. The method 55338
Potchinkov, A.W., Reemtsen, R.M. FIR filter design in the complex domain by a semi-infinite programming technique. II. Examples 80469
Pote, A., Carver, R.D., Dilworth, I.J. Increase in the capacity of a cellular CDMA system with the use of directional antennas 52343
Poteat, S. *see* Lawless, P.A. 68784
Potechin, J., Sheridan, E. Speeding designs through manufacturing 92775
Potekhin, A.Yu. Intensity fluctuations of light propagated in system of large scatterers. II. Multiple scattering 73360
Potemski, R.M. *see* Huang, J.W. 79795

Potencz, I. *see* Popa, N.C. 76269
Potenza, M. *see* Artiglia, M. 94393
Potenza, M. *see* Auge, J. 50759
Potenziani, E., II *see* Leupold, H.A. 50380
Potenziani, E., II *see* Leupold, H.A. 50381
Potenziani, E., II *see* Leupold, H.A. 50383
Pothecary, N.M., Railton, C.J., Johnson, R.H., Preece, A.W. FDTD analysis of a non-invasive sensor for the detection of breast tumours 98806
Pothecary, N.M. *see* Ma, L. 54260
Pothecary, N.M. *see* Paul, D.-L. 73465
Pothoven, F. *see* Waters, R. 87374
Potkonjak, M., Dey, S. Optimizing resource utilization and testability using hot potato techniques 91790
Potkonjak, M., Rabaey, J. On unlimited parallelism of DSP arithmetic computations 70601
Potkonjak, M., Rabaey, J. Algorithm selection: a quantitative computation-intensive optimization approach 91811
Potkonjak, M., Srivastava, M.B. Behavioral synthesis of high performance, low cost, and low power application specific processors for linear computations 80062
Potkonjak, M. *see* Dey, S. 49366
Potkonjak, M. *see* Dey, S. 91844
Potkonjak, M. *see* Rabaey, J.M. 55312
Potkonjak, M. *see* Srivastava, M.B. 49532
Potlapalli, H. *see* Luo, R.C. 95823
Potocki, J.K., Tharp, H.S. A control strategy for hyperthermia 98944
Potoskuev, S.U. *see* Weinger, A.M. 60518
Pott, A. *see* Jungnickel, D. 79518
Pottasch, S.R., Zijlstra, A.A. VLA measurements of a sample of planetary nebulae 86636
Pottbacker, A., Langmann, U. A 8 GHz silicon bipolar clock-recovery and data-regenerator IC 93584
Pottbacker, A. *see* Briggmann, D. 86500
Potter, A. Integrated cooling for integrated circuits 79396
Potter, B.G. *see* Dimos, D. 93753
Potter, D. *see* Russ, J. 59135
Potter, J. *see* Petillo, J. 67123
Potter, J.A. *see* Mian, G. 50296
Potter, J.L. *see* Song Chen 52164
Potter, L.C. *see* Chiang, D. 85065
Potter, N., Belyo, S., Bertram, M., Gibson, D., Gilg, L., Parmon, W., Simmons, R., Miracky, R. High performance packaging for superconducting electronics 90979
Potter, T.J. *see* Taher, I. 97952
Potter, W.D. *see* Bhandarkar, S.M. 84632
Potthast, K. *see* Scheuch, V. 91445
Pottie, G.J. *see* Chen, S.C. 65643
Pottie, G.J. *see* Lin, V.S. 75180
Pottier, E. *see* Cloude, S.R. 52626
Pottier, P., Auffret, R., Dupont, H., Claveau, G. Reconfigurable (NOR, XOR, AND) optical logic gate based on frequency shift induced by optical injection in a two-electrode DFB laser 82768
Pottle, D. *see* Lapucha, D. 67762
Potton, R.J. Defect orientation models of germanosilicate photosensitivity—paradoxical observations 63401
Potton, R.J. Multimode coherent states and HeNe laser light 94362
Pottonen, L. Joint operation of the Finnish power system with neighbouring countries 68033
Pottosina, S.A., Terpugov, A.F. Linear filtration of stochastic processes with measurements at random times 95413
Potts, C. *see* Cho, Y. 87949
Potts, M. *see* Slosiar, R. 51852
Potts, R.B., Yu, X.-H. Difference equation modelling of a variable structure system 61196
Pottsmith, H.C. *see* Agrawal, Y. 88832
Potukuchi, P.N. *see* Shepard, K.W. 67136
Potyrailo, R.A., Mikheenko, L.A., Borsuk, P.S., Golubkov, S.P., Talanchuk, P.M. Portable photometric ammonia gas analyser using pH-sensitive polymer dye-films: spectral optimization of performance under field operating conditions 98157
Potz, W. *see* Di Carlo, A. 93311
Pou, J. *see* Szorenyi, T. 48978
Poucet, A. *see* Carpignano, A. 61052
Poucke, P.Van *see* Van Poucke, P.
Poudoulec, A. *see* Dupont, H. 83098
Poudoulec, A. *see* Guenais, B. 81357
Poudoulec, A. *see* Tholey, V. 75503
Poukey, J.W. *see* Mazarakis, M.G. 66798
Poukey, J.W. *see* Sanford, T.W.L. 67023
Poukey, J.W. *see* Slutz, S.A. 69022
Poukey, J.W. *see* Smith, J.R. 67024
Poulain, M. *see* Stappers, V. 52542
Poulek, V. New low cost solar tracker 78838
Poulet, M. *see* Buyanov, O.V. 98501
Pouliguen, P. *see* Desclos, L. 75604
Poulikakos, D., Wietrzak, A. Cooling of a microelectronic sensor by turbulent forced convection 79410
Poulikakos, D. *see* O'Meara, T. 79405
Poulin, M., Latrasse, C., Tetu, M., Breton, M. Second-harmonic generation of a 1560-nm distributed-feedback laser by use of a $KNbO_3$ crystal for frequency locking to the ^{87}Rb D_2 line at 780 nm 83230
Poulin, M., Latrasse, C., Tetu, M., Breton, M. Absolute frequency control of a 1560 nm (192 THz) semiconductor laser locked to a rubidium absorption line interrogated by a second harmonic generated signal 86911
Poulin, M. *see* Chan, T. 97693
Poulin, S. *see* Gruning, U. 71333
Poulin, S. *see* Meunier, M. 62511
Poulin, T.R., Nguyen, L.T. Green Tape via design—FEM and proposed design philosophy 91057
Pouliot, J. *see* Larochelle, Y. 87990
Pouliot, N. *see* Therrien, M. 59304
Pouliquen, E. *see* Lurton, X. 77473
Poulouse, M.M. An impedance UTD model for the prediction of terrain undulation and roughness effects in radiating systems 51002
Poulsen, C.V. *see* Svalgaard, M. 82624
Poulsen, C.V. *see* Yuan Shi 63747
Poulsen, O. *see* Svalgaard, M. 82624
Poulsen, O. *see* Yuan Shi 63747
Poulter, E.M., Smith, M.J., McGregor, J.A. Microwave backscatter from the sea surface: Bragg scattering by short gravity waves 59575
Poulter, E.M. *see* McGregor, J.A. 88790
Poumellec, B. Nonlinear optical generations in silica-based optical fibers: material aspects 94079
Poumellec, B., Fevrier, H. Measurement and interpretation of fluorescence-like emissions in silica-based optical fiber 63394
Poumellec, B., Fevrier, H. Four-photon mixing stimulated fluorescence in silica-based optical fibers 73033
Poumellec, B., Traverse, A., Artigaud, S., Hervo, J. Germanium implantation into substrates for integrated optics 50551
Poumellec, B. *see* Riviere, A. 94116
Pountourakis, I.E., Sykas, E.D. Stability and throughput optimisation of multichannel slotted nonpersistent CSMA random choice protocol 85291
Poupart, D. *see* Ahrens, S. 90511
Pourahmadi, F. Review of modeling silicon microsensors and actuators 87143
Pourang, R., Day, A., Koechner, D., Kross, B., Majewski, S., Perdrisat, C.F., Punjabi, V., Raine, D., III, Weisenberger, A., Wojcik, R., Zorn, K. Investigation of a position sensitive photomultiplier 55527
Pourarian, F. *see* Lian, F.Z. 71931
Pourcelot, L. *see* Leger, C. 98759
Pourcelot, P. *see* Jacob, D. 56837
Pourfallah, A. Advanced microprocessor control of battery charging devices for Ni-Cd and Ni-MH batteries 68708
Pournaropoulos, C.L., Misra, D. A study on the coaxial aperture electromagnetic sensor and its application in material characterization 75931
Pourquier, E. *see* Robin, P. 75970
Pourrahimi, S., Leupold, M.J., Stejskal, V., Williams, J.E.C., Tenforde, T.S., Ekin, J.W., Bray, S.L., Wang, S.T. Conductors for a 1 GHz superconducting magnet 82478
Pourrahini, S. *see* Smith, B.A. 82465
Poursepanj, A. The PowerPC performance modeling methodology 80369
Pourtier, F., Villegier, J.-C. Fabrication and properties of all a-axis oriented YBaCuO-PrBaCuO-YBaCuO Josephson junctions 93940
Pourtier, F. *see* Chicault, R. 63324
Pourtier, F. *see* Jager, A. 93941
Pourtier, F. *see* Villegier, J.C. 63318
Pourush, P.K.S. *see* Sharma, K.B. 73487
Pous, R. *see* Mei, K.K. 50997
Pous, R. *see* Prouty, M.D. 94914
Pous, R. *see* Romeu, J. 48600
Poussart, D. *see* Tremblay, M. 76092
Poustie, A.J., Finlayson, N., Harper, P. Multiwavelength fiber laser using a spatial mode beating filter 56685
Poutot, D. *see* von Apeldoorn, G. 88116
Poutous, M. Dammann gratings as phase diffusers in Fourier holography 94690
Pouxe, J. *see* Bouvier, J. 98673
Pouxe, J. *see* Gingrich, D. 53291
Pouzet, J., Bernede, J.C. Textured thin films of transition metal dichalcogenides for potential application in photoelectrochemical solar cells 81256
Pouzet, J. *see* Bernede, J.C. 49790
Povall, W.N. Electrical apparatus for use in the presence of combustible dusts development of the IEC 1241 series of standards 53981
Povall, W.N. *see* Bradford, M. 53989
Povarov, O.A., Tomarov, G.V. The dynamics of the distribution of impurities in the wet-steam circuit of an NPS turbine 99838
Povarov, O.A., Tomarov, G.V., Koshkin, N.L. The current state and prospects for the development of geothermal power engineering in Russia 99964
Povel, H.P., Keller, C.U., Yadigaroglu, I.-A. Two-dimensional polarimeter with a charge-coupled-device image sensor and a piezoelastic modulator 76080
Povey, G.J.R. *see* Laurenson, D.I. 58350
Povey, I.M. *see* Abdul-Ridha, H.H. 70136
Povh, B. *see* Bruckner, W. 88025
Povinec, P. *see* Baranov, V.A. 76849
Povirk, G. *see* Brown, S.B. 55025
Povlow, B.R., Dunn, S.M. Texture classification using noncausal hidden Markov models 96051
Povlsen, J.H. *see* Rasmussen, T. 52586
Povlsen, J.H. *see* Rasmussen, T. 73443
Povlsen, J.H. *see* Wang, Y.H. 94921
Powazinik, W. *see* Schlafer, J. 72650
Powell, A.R., Iyer, S.S. Silicon-germanium-carbon alloys extending Si based heterostructure engineering 61249
Powell, B. The early history of the HPD 76822
Powell, D. Distributed fault tolerance: lessons from Delta-4 52143
Powell, D. *see* Godart, T. 68165
Powell, D.J., Hayward, G. A flexible ultrasonic array incorporating a platelet composite transmitter—theory and experiment 99344
Powell, I. *see* Bewsher, A. 99308
Powell, J.A. *see* Larkin, D.J. 79840
Powell, J.A. *see* Neudeck, P.G. 55893
Powell, J.A. *see* Neudeck, P.G. 63605
Powell, J.A. *see* Rhodes, P.J. 66079
Powell, K.G. A tree-based adaptive scheme for solution of the equations of gas dynamics and magnetohydrodynamics 48888
Powell, L., Hills, P. Designing interconnection systems for EMC 70973
Powell, M. *see* Joshi, Y. 69567
Powell, M. *see* Rebhan, U. 71528
Powell, M.J.D. The uniform convergence of thin plate spline interpolation in two dimensions 69783
Powell, P. Open systems on the highways 100898
Powell, P.L. *see* Klein, J.H. 69510
Powell, P.W. *see* Ball, G.J. 78722
Powell, P.W. *see* Peggs, J.F. 89365
Powell, R.C. *see* Meyers, P.V. 100492
Powell, R.C. *see* Murray, J.T. 56859
Powell, R.C. *see* Schafer, S.A. 59401
Powell, S.R., Chau, P.M. Efficient narrowband FIR and IFIR filters based on powers-of-two sigma-delta coefficient truncation 92375
Powell, T.J., Butler, K.M., Ales, M., Haley, R., Perry, M. Correlating defect level to final test fault coverage for modular structured designs [microcontroller family] 49500
Powell, W.R. Reality, perception, and simulation: a plausible theory 76868
Powen Hsu *see* Cheng-Geng Jan 94899
Power, B. *see* Duncan, S.W. 80780
Power, J., Simpson, J., Chojnacki, E. Witness gun for the Argonne Wakefield Accelerator 71030
Power, J. *see* Johnson, K.F. 76427
Power, J. *see* Schoessow, P. 76330
Power, J. *see* Schoessow, P. 76364
Power, J.A., Donnellan, B., Mathewson, A., Lane, W.A. Relating statistical MOSFET model parameter variabilities to IC manufacturing process fluctuations enabling realistic worst case design 82069
Power, J.A., Mathewson, A., Lane, W.A. An approach for relating model parameter variabilities to process fluctuations 50093
Power, J.A. *see* Burke, K. 62976
Power, J.F. *see* Gilpatrick, J.D. 76497
Power, J.F. *see* Gilpatrick, J.D. 98456
Power, J.R. *see* McGilp, J.F. 94624
Power, K. *see* Morgan, G.H. 87674
Power, M.B., Macinnes, A.N., Hepp, A.F., Barron, A.R. The realization of molecular control over solid state structure: chemical vapor deposition of gallium and indium sulfide films 49005
Powers, D.L. *see* Abu-Jaradeh, N. 79565
Powers, E.J. *see* Ching-Hsiang Tseng 86277
Powers, E.J. *see* Cho, Y.S. 64447
Powers, E.J. *see* Im, S. 84519
Powers, E.J. *see* Kiho Kim 57613
Powers, E.J. *see* Nam, S.W. 74079
Powers, E.J. *see* Samani, D.M. 92402
Powers, E.J. *see* Tseng, C.-H. 84524
Powers, J. *see* Burns, J. 99490
Powers, P.E., Tang, C.L., Cheng, L.K. High-repetition-rate femtosecond optical parametric oscillator based on $RbTiOAsO_4$ 94594
Powers, P.E. *see* Pelouch, W.S. 73110
Powers, R.A. Advances and trends in primary and small secondary batteries 54142
Powers, R.K. *see* Little, J.W. 59395
Powers, T., Kneisel, P., Vaidya, M. Photoemission phenomena on CEBAF RF windows at cryogenic temperatures 67125
Powers, T. *see* Phillips, L. 67124
Powers, T. *see* Reece, C. 67127
Powers, T.A., Singler, T.J., Clum, J.A. Role of tin content in the wetting of Cu and Au by tin-bismuth solders 79977
Powers, W.E. *see* Maughan, R.L. 67615
Powers, W.F. *see* Bridger, B. 68905
Powers, W.F., Jr. The basics of power cable 68250
Powley, G.S., Jr., DeGroat, J.E. Experiences in testing and debugging the i960 MX VHDL model 55311
Poyard, S. *see* Rocher, V. 66224
Poyedinchuk, A.E. *see* Veremey, V.V. 80577
Poynton, C.A. Wide gamut device-independent colour image interchange 95810
Poz, S.Dal *see* Dal Poz, S.
Pozar, D.M. The active element pattern 73560
Pozar, D.M. *see* Aberle, J.T. 73543
Pozar, D.M. *see* Haddad, P.R. 73538

Pozar, D.M. *see* Herscovici, N.I. 57235
Pozar, D.M. *see* Herscovici, N.I. 73555
Pozdeev, E. *see* Danilov, V. 87823
Pozder, S. *see* Kim, D. 90433
Pozdnyakov, P.G. Torsional vibrations of quartz rods 82176
Pozela, K. *see* Laurinavicius, A. 83667
Pozhidayev, V.N. *see* Samarin, I.N. 83680
Poziemski, J. *see* Sommer, K.-D. 66697
Pozzi, G. *see* Pinciroli, F. 76995
Pozzi, R. *see* Abplanalp, M. 53309
Pozzobon, P. *see* Fracchia, M. 54219
Pozzolini, P. *see* Aste, T. 66561
Praba, K. *see* Schrank, H. 64246
Prabhakar, A. *see* Chockalingam, A. 58138
Prabhakar, B. *see* Bambos, N. 91188
Prabhakar, S. *see* Lal, V. 88403
Prabhakar, V. *see* Divakaruni, R. 81905
Prabhakar, V. *see* Xiaoyu Li 50015
Prabhakaran, K., Nishioka, T., Sumitomo, K., Kobayashi, Y., Ogino, T. Oxidation of ultrathin SiGe layer on Si(001): evidence for inward movement of Ge 55770
Prabhakarana, K., Ogino, T., Hull, R., Bean, J.C., Peticolas, L.J. An efficient method for cleaning Ge(100) surface 81486
Prabhu, A.M. Management issues in EDA 90903
Prabhu, A.N., Cherukuri, S.C., Thaler, B.J., Mindel, M.J. Co-fired ceramic on metal multichip modules for advanced military packaging 54496
Prabhu, D. *see* Buckles, B.P. 95834
Prabhu, K.M.M. *see* Hnaeefa, V.P. 75602
Prabhu, K.M.M. *see* Kumar, B.S. 70641
Prabhu, K.M.M. *see* Siva Kumar, P. 54652
Prabhu, K.M.M. *see* Srinivasan, K. 75142
Prabhu, P.V.S.S. *see* Prem Kumar, T. 68943
Prabhu, V.K. *see* Tseng, S.H. 75286
Prache, O. *see* Case, G.D. 77166
Prack, E. *see* Djennas, F. 91023
Prada, C.de *see* de Prada, C.
Prada, M.C.De *see* De Prada, M.C.
Prada-Rizzo, M.T. *see* Sira-Ramirez, H. 55119
Prada-Rizzo, M.T. *see* Sira-Ramirez, H. 68884
Pradal, F. *see* Bernardini, M. 87647
Prade, H. *see* Dubois, D. 83886
Pradeep, V. *see* Mishra, B.K. 55405
Pradhan, A.S., Quast, U., Sharma, P.K.D. A fast and sensitive TLD method for measurement of energy and homogeneity of electron beams using transmitted radiation through lead 88613
Pradhan, B.D. Telecommunications: at least a phone in every village 58085
Pradhan, B.D. Telecom technology transfer - experience in India 79125
Pradhan, D.K. *see* Banerjee, S. 49341
Pradhan, D.K. *see* Banerjee, S. 92051
Pradhan, D.K. *see* Kunz, W. 80054
Pradhan, D.K. *see* Mukherjee, R. 49378
Pradhan, U. *see* Defourny, P. 67890
Pradho, E. *see* Burgun, L. 49340
Prado, J., Moulines, E. Frequency-domain adaptive filtering with applications to acoustic echo cancellation 96536
Prado, J. *see* Charles, A. 69183
Prado, J. *see* Pham, D. 92287
Prado, R.Nederson Do *see* Nederson Do Prado, R.
Prados, C., del Real, R.P., Chen, D.-X., Li, B.-Z., Hernando, A. Susceptibility spectrum of a magnetic conducting sphere 87451
Prados, C. *see* del Real, R.P. 72002
Praet, D.Van *see* Van Praet, D.
Pragasam, R. *see* Dias, E.D. 87358
Prager, B., Inkster, R., Lacroix, P., Mayer, L. ISAH-S bottom classification—preliminary results 99132
Prager, T.C., Fea, A.M., Sponsel, W.E., Schweitzer, F.C., McNulty, L., Garcia, C.A. The gold foil electrode in pattern electroretinography 98897
Pragnell, T.R.D. *see* Albery, W.J. 76247
Prahlada-Rao, B.B., Patnaik, L.M., Hansdah, R.C. A genetic algorithm for channel routing using inter-cluster mutation 91793
Praino, A.P. *see* Argyle, B.E. 72118
Prairie, R. *see* Weitz, R.L. 54662
Prak, A., Fluitman, J.H.J. Applications of a model for silicon resonant sensors 58695
Prakasa Rao, K.S. *see* Prasad, V.C. 61011
Prakash, D.P., Plant, D.V., Fetterman, H.R., Jalali, B. Optically integrated millimeter wave systems 82852
Prakash, D.P. *see* Fetterman, H.R. 80651
Prakash, G.Ravi *see* Ravi Prakash, G.
Prakash, J. Transient analysis of a photovoltaic-thermal solar collector for co-generation of electricity and hot air/water 100763
Prakash, O., Gangey, M. Fabrication of CdSe thin-film transistor using vacuum evaporated Al_2O_3 50036
Prakash, O., Sindhu R., C., Gangey, M. Photovoltaic characteristics of Te-CdSe thin film diodes 72591
Prakash, S.G. *see* Devi, S. 94247
Prakash, V.P. *see* Prasad, V.C. 91859
Prakasha *see* Vhasure, S.G. 54176
Prakriya, S., Hatzinakos, D. Efficient nonlinear channel identification using cyclostationary signal analysis 84440
Prall, K., Schenk, R. Suppression of reverse biased diode leakage by MeV ion implantation 62653
Pramanick, A.K. *see* Pramanick, I. 82039
Pramanick, I., Pramanick, A.K. Distributed solutions to the delay fault test quality evaluation problem 82039
Pramanick, P. Analysis of microstrip step discontinuity on uniaxially anisotropic substrate 80566
Pramanick, P. *see* Lee, D. 80618
Pramanik, D., Chowdhury, V., Jain, V. Change of the failure mode of layered aluminum conductors by modification of overlying dielectric 62523
Pramanik, D., Milind Weling, Li Zhou Using AFM to develop sub-μm multilevel metallization processes 71416
Pramanik, D. *see* Jain, V. 62549
Prance, H. *see* Ralph, J.F. 93967
Prance, R.J. *see* Ralph, J.F. 93967
Pranesh Sinha *see* Pooi Yuen Kam 73590
Pranevicius, L. *see* Galdikas, A. 81537
Pranevicius, L. *see* Galdikas, A. 93235
Pranevitchius, H., Sintonen, L. Specification, validation and simulation of an event driven local computer network protocol 65081
Prankishan *see* Malik, M.A. 71125
Pranovich, V.I. *see* Leshkevich, S.V. 80200
Praprotnik, B., Driesel, W., Dietzsch, C., Niedrig, H. HV-TEM in-situ investigations of the tip shape of indium liquid metal ion emitter 76737
Prasad, A. A novel approach to developing object-oriented network management applications 74865
Prasad, A. *see* Chen, W.M. 71098
Prasad, B. *see* Towle, J.N. 88741
Prasad, B.A., Selvarajan, A. Method for cross-state tuning in a directional coupler with uniform $\Delta\beta$ switching 58408
Prasad, B.Raghavendra *see* Raghavendra Prasad, B.
Prasad, D.S.V.V.D. *see* Rama Rao, P.V.S. 83678
Prasad, G.V.K. *see* Srinivasan, S. 92292
Prasad, H.C. *see* Vishwakarma, S.R. 55720
Prasad, K., Perfecto, E. Multilevel thin film packaging: applications and processes for high performance systems 54535
Prasad, K.R., Dattatreyan, C. BER evaluation of a high speed lightwave communication system using Raman preamplifier 86491
Prasad, M. Challenges facing development of the transmission system in India 68166
Prasad, M.K., Lee, Y.H. Stack filters and selection probabilities 95378
Prasad, M.V.N., Asokan, S., Parthasarathy, G., Titus, S.S.K., Gopal, E.S.R. High pressure electrical resistivity studies on Ga-Te glasses 92971
Prasad, M.V.S.N. *see* Sarkar, S.K. 51099
Prasad, N.P., Prasad, N.S. A fuzzy logic based controller for optical resonators 72943
Prasad, N.R. *see* Prasad, N.S. 72663
Prasad, N.S., Prasad, N.R. An analysis of acousto-optic devices for angle tuning of optical parametric oscillators 72663
Prasad, N.S. *see* Prasad, N.P. 72943
Prasad, P. *see* Ravindran, R. 61187
Prasad, P.N. Nonlinear optical effects in polymer electrets and sol-gel processed glass 83317
Prasad, P.N. *see* He, G.S. 82960
Prasad, P.N. *see* Kwang-Sup Lee 54994
Prasad, R., Kumar, S. Study of the influence of deformation and thermal treatment on the ultrasonic behaviour of steel 70184
Prasad, R., van Roosmalen, H.R.R., Nijhof, J.A.M. CDMA, ISMA and hybrid CDMA/ISMA for IWCC 51869
Prasad, R. *see* Banerjee, A. 98484
Prasad, R. *see* Bons, J.H. 57742
Prasad, R. *see* de-Ridder-de-Groote, M.J. 58550
Prasad, R. *see* Jojo, P.J. 98653
Prasad, R. *see* Kerkhoff, M. 58335
Prasad, R. *see* Niemel, L.-P.W. 64875
Prasad, R. *see* Nijhof, J.A.M. 75337
Prasad, R. *see* Van Roosmalen, H. 75037
Prasad, R. *see* Westerveld, R. 96965
Prasad, R. *see* Widipangestu, I. 75323
Prasad, R.A. *see* Majeti, V.C. 85942
Prasad, R.N. *see* Neelima, R. 87073
Prasad, R.R., Krishnan, M., Mangano, J., Greene, P.A., Qi, N. Neon dense plasma focus point X-ray source for $\leq$0.25 μm lithography 81593
Prasad, S. *see* Chakraborty, M. 84353
Prasad, S. *see* Khemka, V. 83776
Prasad, S. *see* Meskoob, B. 62716
Prasad, S. *see* Meskoob, B. 90834
Prasad, S. *see* Parthasarathy, H. 57501
Prasad, S. *see* Roy, K. 91734
Prasad, S. *see* Sabbarwal, A. 95331
Prasad, S. *see* Tan-Li Chou 92154
Prasad, S. *see* Vai, M. 62727
Prasad, S.C., Anirudhan, P., Bosshart, P. A system for incremental synthesis to gate-level and reoptimization following RTL design changes 93526
Prasad, S.C. *see* Verma, A.K. 51108
Prasad, S.E. *see* Ahmad, A. 56144
Prasad, S.J., Haynes, C. First demonstration of a GaInP/GaAs HBT microwave oscillator 80684
Prasad, V., Bliss, D.F., Adamski, J.A. Thermal characterization of the high pressure crystal growth system for in-situ synthesis and growth of InP crystals 91410
Prasad, V.B. A reliability function in the three dimensional parametric space and the study of digital systems 79507
Prasad, V.C., Prakash, V.P. Uniqueness of solutions of networks with two terminal piecewise linear resistors 91859
Prasad, V.C., Sankar, V., Prakasa Rao, K.S., Jasmon, G.B. Comment on "Cut set analysis of networks using basic minimal paths and network decomposition" 61011
Prasanna, B.S., Ananda Mohan, P.V. Fast VLSI architectures using nonredundant multibit recoding for computing A^Y mod N 92266
Prasanna, P.K., Levy, R., Swenson, J. Principles and standards for broadband ISDN 52220
Prasanna, V.K. *see* Park, H. 70614
Prasanna, V.R. *see* Jongwoo Bae 80393
Prasanna Kumar, C.S., Sabberwal, S.P., Mukerjee, A.K. Some limitations in the use of discharge lamps 78994
Prasannan, V., Smith, K. On the fast track to comms testing 96815
Prasetijo, D., Lachs, W.R., Sutanto, D. A new load shedding scheme for limiting underfrequency 88999
Praslicka, D. A relax-type magnetometer using amorphous ribbon core 75952
Prassek, A. *see* Angloher, J. 100916
Prata, A., Jr. *see* Brown, K.W. 73529
Prata, A., Jr. *see* Moreira, F.J.S. 83819
Pratap, M. Case study: AT&T Picasso still-image phone 74879
Pratapas, J., Bluestein, J. Natural gas reburn: cost effective NO_x control 68449
Pratas, J., Vital, J.C., Franca, J.E. A pipelined subranging analogue-to-digital video convertor with time-interleaved sampling 61769
Prater, J.T. *see* McClure, M.T. 48990
Prater, K. *see* Wilkinson, D.P. 60447
Prater, W., Tzeng, H.M. Thermal and heat-flow aspects of actuators for hard disk drives 93890
Prather, W.D. *see* Younan, N.H. 57231
Prati, C. *see* Gatelli, F. 77721
Prati, C. *see* Monti Guarnieri, A. 77609
Prati, C. *see* Monti-Guarnieri, A. 77247
Prati, F., Brambilla, M., Lugiato, L.A. Pattern formation in lasers 94558
Prati, G. *see* Forestieri, E. 51309
Prati, G. *see* Forestieri, E. 51310
Prati, G. *see* Majumder, S.P. 65776
Prati, G. *see* Majumder, S.P. 85092
Prati, P., Licinio, R., Ricco, G. The updated BESGE spectrometer for pure beta activities in environmental matrices 53355
Prati, P. *see* Greife, U. 98550
Pratico, E.R., Eitzmann, M.A. A microcomputer-based data acquisition system for transient network analyzer operation 78241
Pratikakis, I.E., Mertzios, B.G., Cornelis, J. Segmentation and counting of ovisacs with morphological filtering in ultrasound images 76909
Pratt, A.J. *see* Gander, R.E. 87002
Pratt, A.R., Williams, R.L., Norman, C.E., Fahy, M.R., Marinopoulou, A., Chatenoud, F. Indium migration control on patterned substrates for optoelectronic device applications 79777
Pratt, H., Mittelman, N., Geva, A.B. Machine scoring of somatosensory evoked potentials 53431
Pratt, H. *see* Geva, A.B. 98888
Pratt, R.E., Stromswold, E.I., Quesnel, D.J. Mode I fracture toughness testing of eutectic Sn-Pb solder joints 49029
Pratt, R.G. *see* Samaratunga, R.C. 67470
Pratt, T. *see* Allnutt, R.M. 94816
Pratt, W.H. A direct quadrature modulator IC for 0.9 to 2.5 GHz wireless systems 80807
Pratzel-Wolters, D. *see* Owens, D.H. 57474
Pravednikov, N.K. Energy for tomorrow's world 89421
Pravossoudovitch, S. *see* Cavallera, P. 55201
Pravossoudovitch, S. *see* Dumas, D. 49330
Prawer, S. *see* Weiser, P.S. 79906
Prayogo, J.O. *see* Alexander, M.A. 92326
Preater, R., Swain, R. A preliminary assessment of the requirements to transfer in-plane ESPI to an industrial spinning pit facility 73156
Preater, R.W.T., Swain, R. Fourier transform fringe analysis of electronic speckle pattern interferometry fringes from high-speed rotating components 56932
Preatoni, L. Quality control of synthetic resin insulation with reference to vitreous transition 56156
Preble, A.J., Anderson, D.N., Fejer, B.G., Doherty, P.H. Comparison between calculated and observed F region electron density profiles at Jicamarca, Peru 88759
Preble, A.J. *see* Kyrazis, D.T. 94839
Preble, J. *see* Drury, M. 67082
Preble, J. *see* Marshall, J. 67201
Preble, J. *see* Schneider, W.J. 76709
Preckshot, G.G. *see* Lawrence, J.D. 78283
Preda, A. *see* Ranucci, G. 98551
Predavec, E. Link—the Legal Information Network 52052
Predieri, F. *see* Cecchini, S. 88183

Prediger, N., Plattner, A. Propagation measurements at 60 GHz in railroad tunnels 86238
Preece, A.W., Johnson, R.H., Craig, A.A., Green, J.L., Clarke, R.N., Gregory, A.P. Dielectric measurement of reference liquids and tissue equivalent materials with non-invasive sensors 87313
Preece, A.W., Wimalaratna, H.S.K., Green, J.L., Churchill, E., Morgan, H.M. Non-invasive quantitative EMG 53426
Preece, A.W. *see* Pothecary, N.M. 98806
Preece, C. *see* Wingate, G.A.S. 55294
Preger, M.A. *see* Bassetti, M. 76544
Pregla, R. New approach for the analysis of cylindrical antennas by the method of lines 51211
Pregla, R. Computation of the input impedances of antennas by the method of lines 57201
Pregla, R. Comments on "Analysis of the effects of a resistively coated upper dielectric layer on the propagation characteristics of hybrid modes in a waveguide-shielded microstrip using the method of lines" 94906
Pregla, R., Ahlers, E. Method of lines for analysis of arbitrarily curved waveguide bends 82646
Pregla, R., Vahldieck, R., Wu, K. Comments on "The influence of finite conductor thickness and conductivity on fundamental and higher-order modes in miniature hybrid MIC's (MHMIC's) and MMIC's" [and reply] 92567
Pregla, R., Xian Hua Yang, Shafai, L. Comments on "Full wave approach for the analysis of open planar waveguides with finite width dielectric layers and ground planes"[and reply] 83774
Preidel, W. *see* Lager, W. 67447
Preil, M.E., Manchester, T., Minvielle, A., Chung, R.J. Minimization of total overlay errors when matching non-concentric exposure fields 71514
Prein, F. *see* Leslie, T. 62608
Preis, K., Biro, O., Dyczij-Edlinger, R., Badics, Z., Riedler, H., Stogner, H. Computation of coupled electrical, thermal and mechanical problems by the finite element method 49681
Preis, K., Biro, O., Dyczij-Edlinger, R., Richter, K.R., Badics, Z., Riedler, H., Stogner, H. Application of FEM to coupled electric, thermal and mechanical problems 79738
Preis, K. *see* Bardi, I. 51195
Preis, K. *see* Bardi, I. 83433
Preis, K. *see* Biro, O. 51034
Preis, K. *see* Biro, O. 90652
Preis, K. *see* Enichlmair, H. 58738
Preis, K. *see* Magele, C. 51041
Preisel, M., Mork, J. Phonon-mediated carrier capture in quantum well lasers 83069
Preisig, J.C. A minmax approach to adaptive matched field processing in an uncertain propagation environment 64480
Preisig, J.C. Robust maximum energy adaptive matched field processing 74064
Preisler, E., Bayersdorfer, J., Brunner, M., Bock, J., Elschner, S. Electrical contacts on bismuth-based bulk high-temperature superconductors in high-current applications 63267
Preissmann, M. *see* Maffray, F. 79615
Preissner, J. *see* Nitsche, R.G. 87489
Preist, D.H. *see* Shrader, M.B. 55510
Preist, D.H. *see* Shrader, M.B. 67155
Preiswerk, H. *see* Neuschafer, D. 50936
Prelas, M.A. *see* Chao, C.H. 61388
Prelas, M.A. *see* Hajsaid, M. 62660
Prelas, M.A. *see* Khan, A.H. 79967
Prell, S. *see* Burger, J. 98570
Prem Kumar, T., Prabhu, P.V.S.S., Srivastava, A.K., Bejoy Kumar, A., Ranganathan, R., Gangadharan, R. Conductivity and viscosity studies of dimethyl sulfoxide (DMSO)-based electrolyte solutions at 25°C 68943
Premachandra, I.M., Gonzalez, L. An exact solution to a class of queueing systems with multipurpose counters 79534
Premachandran, V. *see* Balasubramanian, S. 49890
Premoli, A. *see* Biey, M. 70262
Premoli, M.R. The problem of electromagnetic compatibility 94870
Prene, P. *see* Cherkaoui, R. 71928
Preneel, B. Cryptographic hash functions 73625
Preneel, B., Govaerts, R., Vandewalle, J. Hash functions based on block ciphers: a synthetic approach 83953
Preneel, B., Nuttin, M., Rijmen, V., Buelens, J. Cryptanalysis of the CFB mode of the DES with a reduced number of rounds 73758
Prenel, J.P. *see* Thiery, L. 87158
Prengel, F. *see* Kastrup, J. 81332
Prenninger, J. *see* Gander, H. 97791
Prenosil, J.E. *see* Saini, S. 63444
Prentiss, M. *see* Berggren, K.K. 71454
Presby, H.M. *see* Kim, I. 56764
Presby, H.M. *see* Lee, J.S. 86369
Presby, H.M. *see* Morton, P.A. 56750
Presby, H.M. *see* Poole, C.D. 82555
Presby, H.M. *see* Raybon, G. 75508
Prescott, C. *see* Saez, P. 71024
Prescott, C.Y. *see* Clendenin, J.E. 76743
Prescott, C.Y. *see* Tang, H. 71025
Prescott, C.Y. *see* Yeremian, A.D. 76724
Prescott, D.T., Shuley, N.V. Reducing solution time in monochromatic FDTD waveguide simulations 73470
Prescott, D.T., Shuley, N.V. Extensions to the FDTD method for the analysis of infinitely periodic arrays 91400
Prescott, G.E. *see* Reinking, J.T. 84415
Presilla, C. *see* Emiliani, V. 62237
Presle, P. *see* Dolgetta, N. 83540
Presle, P. *see* Last, J.R. 83541
Pressel, K. *see* Wetzel, C. 70045
Presser, A. *see* Bharj, S. 80627
Presser, A. *see* Bharj, S. 92587
Pressmar, D.B. Future computer applications serving mobile clients 74826
Prestage, J.D., Tjoelker, R.L., Dick, G.J., Maleki, L. Progress report on the linear ion trap extended (LITE) 86960
Prestage, N.P., Luckhurst, R.G., Paterson, B.R., Bevins, C.S., Yuile, C.G. A new radiospectrograph at Culgoora 86640
Presti, L.L. *see* Olmo, G. 77319
Presti, M.Lo *see* Lo Presti, M.
Prestin, J., Xu, Y. Convergence rate for trigonometric interpolation of non-smooth functions 54748
Presting, H., Buechler, J., Kuisl, M., Strohm, K.M., Luy, J.-F. Silicon monolithic MM-wave integrated circuit (SIMMWIC) devices mounted up-side-down on a copper heat sink integral with cavity resonator 80748
Presting, H., Luy, J.F., Schaffler, F., Puchinger, J. Silicon K_a band low noise BARITT diodes for radar system applications grown by MBE 61898
Presting, H., Zinke, T., Splett, A., Kibbel, H. Absorption and emission characteristics of mesa and ridge waveguide diodes made from strain adjusted Si_mGe_n superlattice and Si/Ge quantum well layers grown by MBE 94460
Preston, D. Frame relay in theory and practice 85345
Preston, E., Bergman, T., Gorenflo, R., Hermann, D., Kopala, E., Kuzma, T., Lazofson, L., Orkis, R. Development of a field-portable imaging system for scene classification using multispectral data fusion algorithms 87299
Preston, E., Bergman, T., Gorenflo, R., Hermann, D., Kopala, E., Kuzma, T., Lazofson, L., Orkis, R. Development of a field-portable imaging system for scene classification using multispectral data fusion algorithms 87302
Preston, J.M., Poeckert, R. Distortion and break-up of sidescan images — criteria and reconstruction by geocoding 77332
Preston, J.S. *see* Guzzo, E.E. 55688
Preston, J.S. *see* Hegmann, F.A. 66356
Preston, K.D., Haertling, G.H. A study of the properties of acetate-derived PLZT films on glass substrates 50132
Preston, R.P. *see* Mistry, L.R. 63015
Preston, S.G. *see* Key, M.H. 50731
Presttun, K.A. *see* Androutsopoulos, D. 96497
Prestwood, W.T. *see* Giles, K. 74234
Prete, G. *see* Carugno, G. 67326
Prete, P. *see* Cingolani, R. 72808
Preteux, F. *see* Lefevre, M. 85111
Preteux, F. *see* Rougon, N. 95770
Pretorius, P.H. Assessing the significance of annual magnetic field dosages received by live line maintenance personnel 77085
Pretorius, P.H. Assessment of historical magnetic field dosages received by Eskom's live line maintenance personnel 77086
Pretorius, R. *see* Churms, C.L. 48656
Pretterebner, J. *see* Wang, Q.S. 62123
Pretti, J.R. About nuclear safety: how safe is safe enough? 60053
Pretty, R., Morin, M. Frame relay interworking with asynchronous transfer mode 85253
Pretzl, K. *see* Abplanalp, M. 53309
Pretzl, K. *see* Borer, K. 76790
Preu, G. *see* Lubitz, K. 67928
Preu, G. *see* Lubitz, K. 99341
Preuss, M. *see* Baur, H. 60134
Preuss, S., Spath, M., Stuke, M. Time resolved laser ablation of polymers and inorganic crystals 93183
Preussig, M. *see* Beier, T. 53305
Prevedelli, M. *see* Konig, W. 86871
Prevedourou, D., Tonnby, I., Stamoulis, G.D., An, T. Providing services in a world of IBC resources: An architectural approach 96449
Previtali, E. *see* Alessandrello, A. 59111
Previtali, E. *see* Alessandrello, A. 59163
Previtali, E. *see* Alessandrello, A. 88147
Previtali, E. *see* Camin, D.V. 62878
Previtali, E. *see* Camin, D.V. 63023
Previtali, E. *see* Camin, D.V. 81951
Previtali, E. *see* Camin, D.V. 93671
Prevost, D. *see* Asselin, D. 84622
Prevost, M. Acceleration property for the E-algorithm and an application to the summation of series 69798
Prevost, N. *see* Ginetti, A. 55283
Prevot, B. *see* Repplinger, F. 48958
Prevrhal, S. *see* Gurker, N. 98859
Prevsner, A. *see* Ahlen, S. 98641
Prewett, P.D., Martin, B., Watson, J.G., Jonckheere, R. Effects on IC quality of 5X reticle repair using FIB with stain reduction 81694
Prewett, P.D. *see* Cui, Z. 71478
Prewett, P.D. *see* Huq, S.E. 81719
Pribat, D., Plais, F., Legagneux, P., Kretz, T., Stroh, R., Huet, O., Walaine, C., Magis, M., Jiang, N., Hugon, M.C., Agius, B. Low temperature polysilicon TFTs for active matrix LCDs 58930
Pribat, D. *see* Maurice, J.-L. 81870
Pribat, D. *see* Parillaud, O. 54923
Pribetich, J. *see* Cresson, P.-Y. 98943
Pribetich, P. *see* Carpentier, J.F. 70926
Pribetich, P. *see* Delabie, C. 92504
Pribetich, P. *see* Delplanque, Y. 73433
Pribetich, P. *see* Helal, M. 57158
Pribetich, P. *see* Helal, M. 80849
Pribetich, P. *see* Saidi, K. 55418
Price, B. *see* Dove, R. 98752
Price, B.C. Achieving a system operational availability requirement model 59668
Price, B.K. Automated dynamic testing of IGBT modules provides device characterization and product qualification 87004
Price, D. Micro view. Clipper: soon a de facto standard? 71764
Price, D.D., Emerson, C.R. Impact of production requirements on SMT placement equipment selection 92761
Price, D.F. *see* Bonlie, J.D. 82986
Price, D.T., Gutmann, R.J., Haley, N.J., Muraka, S.P., Saxena, A.N., Chow, T.P., RamKumar, K., Lakshminarayanan, S., Bhalla, A. The coupling of an N-well CMOS fabrication laboratory course with the SEMATECH Center of Excellence in Multilevel Metallization at Rensselaer 54398
Price, D.T. *see* Lakshminarayanan, S. 81565
Price, E. *see* Chao, Y. 67004
Price, E. *see* Redford, M. 54345
Price, J. *see* Wu, H.-D. 92491
Price, J.C. *see* Hermann, A.M. 56284
Price, M.C. *see* Church, S.E. 58783
Price, M.J. *see* Hamann, N.H. 67312
Price, M.W. *see* Bunn, A.E. 76999
Price, P.B. Advances in solid state nuclear track detectors 88074
Price, P.B. *see* Ahlen, S.P. 59097
Price, P.B. *see* Wang, S.C. 88198
Price, R.A. *see* Clelland, I.W. 80929
Price, R.R. *see* Tompkins, P.A. 67406
Price, R.W. Managing weapon system R&M in the post Cold-War environment 59651
Price, W.F. *see* Bamforth, P.B. 99872
Prichodko, A.V. *see* Ivkin, E.B. 91558
Prichodko, O.A. *see* Ivkin, E.B. 91558
Pride, R.D. Advanced sensors for the gas industry 87317
Priebe, F., Nieves, A. What is a demarc box? 65490
Priebe, J. *see* Hinrichsen, V. 99633
Priedhorsky, W., Bloch, J.J., Wallin, S.P., Armstrong, W.T., Siegmund, O.H.S., Griffee, J., Fleeter, R. The ALEXIS Small Satellite project: better, faster, cheaper faces reality 77102
Priese, L., Rehrmann, V. On hierarchical color segmentation and applications 96048
Priest, E. *see* Heid, L. 91032
Priest, J.W. *see* Sanchez, J.M. 61472
Priest, R.G. *see* Mermelstein, M.D. 87292
Priestnall, M. *see* Curtis, C.L. 61420
Prieto, A. *see* Vielva, L.A. 51163
Prieto, A. *see* Vielva, L.A. 70829
Prieto, F.E., Loske, A.M., Yarger, F.L. Study of pressure transducers and electrodes for underwater shock wave generators 88541
Prieto, J.L.San Emeterio *see* San Emeterio Prieto, J.L.
Prieto, P., Cagigal, M.P. Analysis of techniques for autocorrelation estimates from clipped data 74404
Prieto, P. *see* Cagigal, M.P. 98082
Prieto-Cox, J.P. *see* Hsia, J.S. 54684
Prieur, J.-Y. *see* Zhgoon, S. 66359
Prieve, B.G. *see* Nanke, T.R. 52222
Prieve, C.E. *see* Woods, K.S. 59276
Prigent, C. *see* Beaudin, G. 88787
Prigent, C. *see* Guillou, C. 77463
Prigent, J.P. Linear RF amplifiers and transmitters for analog or digital television and digital audio broadcast 52680
Prigozy, S. Generation of 3-phase induction motor characteristic curves with PSPICE 61475
Prigozy, S. PSPICE computer modeling of power transformers with hysteresis effects 61476
Prigozy, S. *see* Colef, G. 79163
Prikhod'ko, A. *see* Tselik, V. 57296
Prikhod'ko, A.I., Kharchenko, V.N. The noise immunity of the incoherent reception of multifrequency signals in a channel with scattering in time 64528
Prikhodko, A.M. *see* Prikhodko, V.M. 99795
Prikhodko, A.M. *see* Prikhodko, V.M. 100404
Prikhod'ko, K.V. *see* Al'tshuler, G.B. 59404
Prikhodko, K.V. *see* Al'tshuler, G.B. 77050
Prikhod'ko, V.A. *see* Kozlov, V.P. 55014
Prikhodko, V.I. *see* Butenko, V.A. 53317
Prikhodko, V.M., Kravchenko, V.I., Prikhodko, A.M. Transistorised general-purpose transducer-controller 99795
Prikhodko, V.M., Kravchenko, V.I., Prikhodko, A.M. LED controller for switching devices 100404
Prikryl, P. *see* St.-Maurice, J.-P. 59543

Prilipko, A.Ya. *see* Artemov, A.A. 94698
Primdahl, K., Bridges, J., DePaola, F., Kustom, R., Snee, D. Fabrication of the APS storage ring radio frequency accelerating cavities 67126
Primdahl, K. *see* Bridges, J.F. 67057
Primdahl, K. *see* Horan, D. 68749
Prime, P.B. The economy in overdrive: will it crash? 60815
Primiani, V.M. *see* Cerri, G. 57049
Primiani, V.Mariani *see* Mariani Primiani, V.
Prince, B. Memory in the fast lane 55270
Prince, F.C. *see* Lujan, A.S. 56011
Prince, J.C., Farrell, J.F., Grabski, G., Mulder, S. The multi-function AM-LCD in the night vision environment — goals, strategies and realities 76128
Prince, J.L. Tomographic reconstruction of 3-D vector fields using inner product probes 51623
Prince, J.L. Tomographic reconstruction of 3-D vector fields 88458
Prince, J.L. *see* Davatzikos, C. 96029
Prince, J.L. *see* Denney, T.S., Jr. 51620
Prince, J.L. *see* Denney, T.S., Jr. 84993
Prince, J.L. *see* Denney, T.S., Jr. 98882
Prince, J.L. *see* Hsu, P. 69577
Prince, J.L. *see* MacDonald, J.A. 86455
Prince, J.L. *see* Senthinathan, R. 79350
Prince, J.L. *see* Yuh-Sheng Tsuei 91036
Prince, M.P. *see* Nguyen, H.T. 54031
Princen, J., Illingworth, J., Kittler, J. Hypothesis testing: a framework for analyzing and optimizing Hough transform performance 51594
Princen, J. *see* Illingworth, J. 57703
Principato, M., Jouny, I. Implementation of the wavelet transform with the TMS320C30 70642
Principe, J.C. *see* Barreto, A.B. 88499
Principe, J.C. *see* Haan-Go Choi 59388
Princz, J. *see* Aiguo Zhao 77680
Prine, L.E. *see* Case, S.K. 60974
Prineno, P. *see* Corno, F. 92003
Prinetto, P. *see* Camurati, P. 49093
Prinetto, P. *see* Camurati, P. 49232
Prinetto, P. *see* Camurati, P. 49445
Pringle, O.A. *see* Marasinghe, G.K. 50181
Prinke, P. The C-17 dual-channel air data computer 59496
Prins, C. An overview of scheduling problems arising in satellite communications 58355
Prins, S.L. *see* Hatab, Z.R. 80328
Prins, S.L. *see* Zaidi, S. 81703
Prinsloo, F.J., van Heerden, S.P., Botha, L.R. Limitation of CO_2 laser-induced gas breakdown 94319
Prinsloo, F.J. *see* Botha, L.R. 94320
Prinsloo, F.J. *see* Rohwer, E.G. 50916
Print, P.J.M. *see* de Blok, C.M. 52514
Prints, V.Ya. *see* Kachurin, G.A. 55709
Prinz, E.J. *see* Matutinovic-Krstelj, Z. 93340
Prinz, F. *see* Chen, R.W. 79241
Prinz, F.B. *see* Chen, R.W. 54477
Prinz, F.B. *see* Fasching, M.M. 52836
Prinz, G.A. *see* Levy, M. 72495
Prinz, G.A. *see* Wolf, J.A. 70046
Prinzler, H. *see* Heymann, P. 80850
Prioleau, C. *see* Fillard, J.P. 81419
Priolo, F. *see* Battaglia, A. 71082
Priolo, F. *see* Franzo, G. 50686
Priolo, F. *see* Galvagno, G. 81430
Prior, K. *see* Williams, G.M. 81319
Prior, K.A. *see* Kawakami, Y. 72871
Prior, K.A. *see* Mullins, J.T. 71302
Prior, K.A. *see* Wang, S.Y. 63487
Prior, Y. *see* Zaibel, R. 83122
Priore, D.A. Inductance on silicon for sub-micron CMOS VLSI 71811
Priori, L. *see* Rovati, L. 95658
Pripistsov, S.S. *see* Korobkov, A.I. 71722
Pripstein, D. *see* Shapiro, G. 76455
Priscoli, F.Delli *see* Delli Priscoli, F.
Prismakov, Y. *see* Sytnikov, V. 93911
Prisner, E. *see* Le, V.B. 79617
Pristupa, A.I. *see* Ponomarenko, A.T. 79984
Pritchard, A.J., Sangwine, S.J., Horne, R.E.N. Rational arithmetic representation of colour image pixels 84838
Pritchard, D.A. Panoramic imaging perimeter sensor design and modeling 98110
Pritchard, M.J. *see* Albery, W.J. 76247
Pritchard, P. Post implementation [change management] 48616
Pritchard, R.C., Smith, D.C., Gardner, L.A. A comparison of the susceptibility performance of shielded and unshielded twisted pair cable for data transmission 52303
Pritchard, R.G. *see* Emmer, I. 75904
Pritchard, T.I. *see* Binns, R.J. 70773
Pritchard, T.I. *see* Taylor, D. 80408
Pritchard, T.W. *see* Allport, P.P. 76752
Pritchard, T.W. *see* Allport, P.P. 88021
Pritchard, W. Geostationary versus non geostationary orbits 67663
Pritchard, W.L. *see* Wu, W.W. 86136
Pritchett, S., Stewart, R., Mason, J., Brehm, G., Christie, D. Precision pulsed I-V system for accurate GaAs device I-V plane characterization 87010
Pritchett, S. *see* Carroll, J. 93501
Pritt, M.D. Automated subpixel image registration of remotely sensed imagery 77577
Pritt, M.D. Image registration using the epipolar constraint 77636
Pritt, M.D., Shipman, J.S. Least-squares two-dimensional phase unwrapping using FFT's 88856
Pritytchenko, V. *see* Saenz, C. 59159
Privalko, A.V. *see* Gushcha, A.O. 87307
Privalov, A.Yu. *see* Tsybakov, B.S. 65301
Privalov, E.M. Coherent summing of laser radiation by digital techniques 83231
Privalov, V.E. Lasers and measurements (a review) 73194
Privalov, V.E. On virtual cathodes in gas-laser discharge 83220
Privalov, V.E. *see* Kapralov, V.P. 73000
Privalov, V.E. *see* Vlasov, A.N. 72704
Proakis, J.G. *see* Stojanovic, M. 58444
Proakis, J.G. *see* Stojanovic, M. 97367
Proakis, J.G. *see* Zhao, K. 74187
Proakis, J.G. *see* Zhao, K. 84292
Probert, A. *see* Rate, C. 67723
Probert, D. *see* Newborough, M. 54380
Probert, P. *see* Pears, N. 52875
Probert, P.H. *see* Gardner, W.L. 49634
Probert, P.H. *see* Hoffman, D.J. 49616
Probert, S.D. *see* Babus'Haq, R.F. 78347
Probert, S.D. *see* Kovacsics, I. 53909
Probert, S.D. *see* Sathiamoorthy, M. 99973
Probst, A. *see* Lemp, K.H. 96274
Probst, O. *see* Freund, J. 61406
Probst, V. *see* Karg, F. 100500
Procanik, M. *see* Mussman, H. 75424
Procario, M. *see* Russ, J. 59135
Proch, D. SRF cavities for future applications 67055
Prochaska, J. *see* Nelson, D. 78447
Prochazka, I. *see* Pershin, S. 77348
Procter, J. You haven't heard a word I said: getting managers to listen 48604
Proctor-Williams, K. *see* McGillivray, R. 67602
Prodell, A. *see* Gupta, R. 76648
Prodell, A. *see* Lindner, M. 82420
Prodell, A. *see* Muratore, J. 82419
Prodell, A. *see* Thompson, P. 76655
Prodell, A. *see* Wanderer, P. 82421
Prodell, A. *see* Wanderer, P. 82422
Prodi, F., Vinelli, F., Dente, F. An autofocusing technique of SAR data based on superresolution 67796
Prodi, G.A. *see* Franceschini, L. 50405
Prodi, G.A. *see* Maslennikov, Y.V. 72169
Produit, N. *see* Amidei, D. 98639
Professor Whittington The IEE Continuing Professional Development (CPD) scheme 69381
Proffitt, J.J. *see* Pease, R.A. 99408
Profos, D. From equipment to service provision: telecommunication in process of change 85398
Proft, C.R. *see* Warren, R.E. 92311
Profumo, F., Griva, G., Pastorelli, M., Moreira, J., De Doncker, R. Universal field oriented controller based on air gap flux sensing via third harmonic stator voltage 60521
Profumo, F., Kosc, P., Fedak, V. AC drives for high performance applications using fuzzy logic controllers 90483
Profumo, F. *see* Boglietti, A. 54069
Profumo, F. *see* Boglietti, A. 68599
Profumo, F. *see* De Doncker, R.W. 100795
Prohaska, J.D., Snitzer, E., Winthrop, J. Theoretical description of fiber Bragg reflectors prepared by Fresnel diffraction images 63411
Prohaska, R., Garate, E., Papadichev, V., Fisher, A., Rostoker, N. Vacuum desensitization of CR-39 track recording plastic 88213
Prohl, D. *see* Einfeld, D. 59217
Prohl, D. *see* Einfeld, D. 66834
Proietti, L. *see* Anzaloni, A. 96640
Prokes, J. *see* Krivka, I. 81100
Prokes, S.M., Rai, A.K. Comparison of two epitaxial formation mechanisms in the SiGe system and the subsequent defect generation 91493
Prokhladin, G.N. The dynamics of the operation of the scanning system of frequency synthesizers 55156
Prokhladin, G.N. Speed-of-response optimization of the parameters of a pulse-phase automatic frequency control (PPAFC) system with a first-order filter 84209
Prokhorchik, S.M. *see* Lysyannyi, Yu.K. 72973
Prokhorov, A.M. *see* Apollonov, V.V. 72765
Prokhorov, A.M. *see* Bukreev, V.S. 77408
Prokhorov, A.M. *see* Dianov, E.M. 72833
Prokhorov, A.M. *see* Dianov, E.M. 91425
Prokhorov, A.M. *see* Naumenko, E.D. 76289
Prokhorov, E.F. *see* Gorev, N.V. 81806
Prokhorov, V.B. *see* Volkov, E.P. 53913
Prokhorova, G.A. *see* Kuntsevich, P.A. 89991
Prokimov, A.A. *see* Karyuk, A.P. 80166
Prokin, M. Extremely wide-range speed measurement using a double-buffered method 89815
Prokofev, A.E., Osolikhin, L.V., Palashov, V.N., Sizov, O.V., Chistyakov, S.O. Lens with a spherically concentric refractive-index distribution for collimating the radiation of a semiconductor laser diode 83219
Prokof'ev, A.V. *see* Golubkov, A.V. 93115
Prokof'eva, L.A. *see* Biryukov, A.V. 69086
Prokofiev, V.V. *see* Barbosa, E.A. 83346
Prokofiev, V.V. *see* Kamshilin, A.A. 63988
Prokofiev, V.V. *see* Kamshilin, A.A. 64021
Prokofieva, T. *see* Carrigan, R.A., Jr. 59039
Prokofieva, T.J. *see* Baublis, V.V. 59244
Prokop, J. Modelling electromechanical systems with the application of the MATLAB system 100064
Prokopenko, G.V., Tarasov, M.A. A bias unit for superconducting devices 93930
Prokopenko, V.B. *see* Fominski, V.Yu. 70163
Prokopenko, V.G. Economical frequency-controlled quartz oscillators with increased excitation reliability 55158
Prokop'ev, V.I., Udut, V.V., Naumov, S.A. Spectra of laser fluorescence normal to malignant mucous membrane of the stomach 67475
Prokop'ev, V.S. *see* Bychkov, Yu.I. 63635
Prokopov, V.N. *see* Nekrasov, I.S. 57488
Prokopowicz, T.I. *see* Maher, G.H. 92646
Prokoshkin, Yu.D. *see* Buyanov, O.V. 98501
Prokscha, T. *see* Meyberg, M. 76396
Prokuda, B. Power quality site surveys for industrial and commercial buildings 68212
Prokushkin, V.N., Sharaevskii, Yu.P. The effect of a reactive impedance load on the characteristics of magnetostatic waves 82299
Prola, A. *see* Fadda, E. 81660
Prolisko, E.E. *see* Apanasovich, V.V. 74016
Pronk, F. *see* Zieren, V. 50257
Pronko, M.S. Controlling output gain uniformity by spatial variation of the X-ray preionization in a large-aperture discharge-pumped KrF amplifier 82925
Propp, A. *see* Coleman, P. 67076
Propp, A. *see* Kwiatkowski, S. 67111
Propper, M. *see* Schmiedeskamp, B. 56504
Prosch, T.A. Frequency bands for the introduction of DAB 97573
Proschan, F. *see* Alzaid, A.A. 91185
Proshin, V.I. *see* Ravich, Yu.I. 49853
Proskurowski, A. *see* Farley, A.M. 58033
Proskurowski, A. *see* Farley, A.M. 85308
Prosnitz, D. *see* Winick, H. 63870
Prosnitz, D. *see* Winick, H. 83178
Prosperi, D. *see* Bacci, C. 67317
Prosperi, D. *see* Belli, P. 67346
Prosperi, S. Probability laws decomposition, characteristic function and characterization of laws 95504
Prosser, F.W. *see* Farrar, K.A. 67396
Prosser, P. *see* Muller, C. 96463
Prosser, R.T. *see* Olson, T. 56917
Prost, R. *see* Akrout, N.M. 74463
Prost, T. Frame relay improves LAN interconnectivity, reduces costs 52156
Prost, W. *see* Auer, U. 56043
Prost, W. *see* Heedt, C. 93492
Prost, W. *see* Lindner, A. 54924
Prost, W. *see* Lindner, A. 91513
Prost, W. *see* Scheffer, F. 56042
Prostrednik, D. *see* Osanna, P.H. 75872
Prosvirnin, S.L. *see* Vasilieva, T.D. 73288
Protasevich, E.T. Resonant microwave electron accelerator 87619
Protasov, E.A. *see* Krot, A.I. 58769
Protasov, V.P. *see* Gushchin, E.M. 53316
Protat, F. *see* Amar, M. 56207
Protat, F. *see* Amar, M. 72030
Proth, J.-M. Chip manufacturing: matching production plan with customer requirements 82024
Protonotarios, E.N. *see* Anagnostou, M.E. 57948
Protonotarios, E.N. *see* Andreatos, A.S. 58216
Protonotarios, E.N. *see* Haduong, T. 58163
Protonotarios, E.N. *see* Stassinopoulos, G.I. 65442
Protonotarios, E.N. *see* Sykas, E.D. 64989
Protopopescu, V. *see* Szpiro, A.A. 48868
Protopopov, V.N. *see* Dianov, E.M. 94080
Protopopov, Y. *see* Ariztizabal, F. 98518
Protopopov, Yu.M. *see* Vasil'chenko, V.G. 76782
Protsenko, E.D. *see* Anishchenko, M.L. 72671
Protsenko, I.M. *see* Goncharov, A.A. 53126
Proudfoot, G., McAdams, R., Holmes, A.J.T. A new design of a compact high current ion accelerator 59008
Proudfoot, R. *see* Kumar Anand, R. 78459
Proudler, I.K. Fast time-series adaptive-filtering algorithm based on the QRD inverse-updates method 95470
Prousalidis, J.M. *see* Papadias, B.C. 68683
Proust, N., Chapeaublanc, J.F., Beguet, M., Kae-Nune, P., Lambert, P., Allouche, M. Device passivation 70897
Proust, S. *see* Garello, R. 88820
Prout, L. Aspects of lead/acid battery technology. 9. Grids 68952
Prouty, M.D., Schwarz, S.E., Mei, K.K., Liu, Y., Pous, R. Microstrip antennas and discontinuities using the measured equation of invariance 94914
Prouty, M.D. *see* Mei, K.K. 50997
Provan, S.R., Farese, T.R. Frame-based access to SMDS 96648
Provanzana, J.H. *see* Kogan, V.I. 60515
Provaznik, I. *see* Jan, J. 98766
Provence, J.D. *see* Wang, S.J. 70568
Provenier, F. *see* Dutartre, D. 91612
Provent, P., Lemoine, J., Petit, E. Optimal texture image segmentation using multiple matched transforms 64775
Provenza, G. *see* Cuomo, D. 50467
Proverbio, E. *see* Lazarouk, S. 81552

Providakes, J., Flaherty, J.P., Godwin, R.B., Thome, G.D., Ward, B.D. Over-the-horizon spread-Doppler radar clutter as seen from ROTHR Amchitka: modeling and simulation 65899
Providakes, J. *see* Flaherty, J.P. 65898
Providakes, J. *see* Flaherty, J.P. 65900
Providakes, J. *see* Providakes, J.F. 86043
Providakes, J.F., Providakes, J., Rifkin, R., Bello, P.A. A new performance prediction program for wideband HF communications 86043
Provine, J.A., Rangayyan, R.M. Lossless compression of Peanoscanned images 64798
Provol, S. *see* Dryden, R. 89601
Provost, J. *see* Trueman, C.W. 86659
Provost, J.G. *see* Langanay, J. 83130
Prozhivalsky, O.P. Development of telecommunications in Ukraine 96356
Prozonic, M.A. *see* Sung, J.M. 71827
Pruchnic, S.J., Jr. *see* Bell, P.A. 66448
Pruckl, A. *see* Schonberger, R. 82796
Prucnal, P.R. Time-division optical micro-area networks 50654
Prucnal, P.R., Glesk, I., Sokoloff, J.P. Demonstration of all-optical self-clocked demultiplexing of TDM data at 250 Gb/s 52550
Prucnal, P.R. *see* Boncek, R.K. 52584
Prucnal, P.R. *see* Bononi, A. 65321
Prucnal, P.R. *see* Forghieri, F. 52507
Prucnal, P.R. *see* Glesk, I. 75168
Prucnal, P.R. *see* Iannone, P.P. 86365
Prucnal, P.R. *see* Iannone, P.P. 86371
Prucnal, P.R. *see* Kane, M.G. 96165
Prucnal, P.R. *see* Kwong, W.C. 51796
Prucnal, P.R. *see* Kwong, W.C. 65843
Prucnal, P.R. *see* Liu, Y.M. 72640
Prudenzano, F. *see* D'Orazio, A. 51174
Prudenzi, A. *see* Capasso, A. 77845
Prudenziati, M. *see* De Cicco, G. 93847
Prudenziati, M. *see* Morten, B. 58686
Prudenziati, M. *see* Morten, B. 92636
Prud'homme, G. *see* Perrot, J. 99908
Prud'homme, M. Ambient moisture characterization of thin small outline packages (TSOPs) 60959
Prudhomme, S.M., Haj-Hariri, H. Investigation of supersonic underexpanded jets using adaptive unstructured finite elements 77191
Pruess, S. Shape preserving C^2 cubic spline interpolation 48842
Pruett, D.A. *see* Marks, P.M. 78982
Pruett, J. *see* Burdick, J. 90418
Pruitt, G.R., Berry, R.L., Loc, A.S. Advanced linear drive cryocoolers at Hughes Aircraft 67716
Pruitt, T.C. *see* Vuono, W.R. 92723
Pruneri, V. *see* Webjorn, J. 56921
Prunier, M. *see* Noraz, S. 80296
Prunty, P.F. Delivery of TV over existing phone lines 97586
Prusak, J.J. *see* Dalke, D.G. 79257
Prusakov, V. *see* Krasnykh, A. 66793
Prusova, N.M. An investigation of formation of nitrogen oxides from combustion of Kansk-Achinsk coals in power boilers 53929
Pruss, S. *see* Wu, G. 76471
Pruss, S.M. Operational experience with collimators in the Tevatron Collider 87846
Pruthi, P. *see* Erramilli, A. 65013
Pruthi, P. *see* Reichert, F. 86151
Prutkovskii, E.N., Safonov, L.P., Varvarskii, V.S., Borovskii, V.M. Increasing the ecological efficiency of a thermal power station with staged improvement of its combined-cycle plant employing coal gasification 89702
Prutskij, T.A. *see* Ilinskii, A.V. 81775
Pryakhin, V.N. Application of mathematical models of two-phase flows for analyzing thermohydraulic processes in nuclear power stations 99845
Pryanichnikov, V.I. *see* Alenitckiy, Yu.G. 94015
Pryanichnikova, N. *see* Anishchenko, N. 94012
Prybyla, J.A., Taylor, G.N. New method of global planarization for Si ULSI 71382
Pryce, G.J. *see* Ashley, T. 50050
Pryce, J.D. Classical and vector Sturm-Liouville problems: recent advances in singular-point analysis and shooting-type algorithms 69879
Pryce, J.D. *see* Govaerts, W. 48850
Prycker, M.De *see* De Prycker, M.
Pryde, G.C., Beckett, K.D.R., Delves, L.M., Oliver, C.J., White, R.G. Design of a real-time high quality SAR processor 75623
Pryor, B.M. A review of partial discharge monitoring in gas insulated substations 54128
Pryputniewicz, R.J. *see* Brown, G.C. 76272
Pryse, S.E. *see* Raymund, T.D. 65907
Przekwas, A. *see* Krishnan, A. 91643
Przewlocki, H.M. Comparison of methods for ϕ_{MS} factor determination in metal-oxide-semiconductor (MOS) structures 62315
Przewoski, B.von *see* von Przewoski, B.
Przewoski, B.V.Von *see* Von Przewoski, B.V.
Przybilla, K.J. *see* Padmanaban, M. 81618
Przybilla, K.J. *see* Spiess, W. 81620
Przybysz, J.X. *see* Forrester, M.G. 82396
Przycoda, D.A. Feedforward neural nets in system diagnostics 70229
Przygienda, B. *see* Le Boudec, J.-Y. 85362
Przyrembel, G. *see* Dietrich, E. 97237
Przytocki, W. Pulsed aided reignition of AC and DC welding arc 79304
Przywarty, R.C. *see* Polger, P.D. 77397
Psaltis, D., Li, H.-Y.S., An, X. Image processing applications of optical neural networks 56490
Psaltis, D., Snapp, R., Venkatesh, S.S. On the finite sample performance of the nearest neighbor classifier 74170
Psaltis, D. *see* Burr, G.W. 56321
Psaltis, D. *see* Curtis, K. 51571
Psaltis, D. *see* Curtis, K. 64039
Psaltis, D. *see* Curtis, K. 83359
Psaltis, D. *see* Grot, A.C. 82844
Psaltis, D. *see* Li, H.-Y.S. 64035
Psaltis, D. *see* Mok, F.H. 63354
Psang Dain Lin, Yu Lung Chen Laser surface height and orientation measurement system 66682
Pshenichikov, A.P. *see* Dokuchaev, V.A. 85579
Pshenichnikov, M.S., de Boeij, W.P., Wiersma, D.A. Generation of 13-fs, 5-MW pulses from a cavity-dumped Ti:sapphire laser 50783
Psillos, D., Koumaras, P. Multiple causal modelling of electrical circuits for enhancing knowledge intelligibility 79177
Psimarni, A. *see* Yeyios, A.K. 79694
Psota-Kelty, L.A. *see* Muller, A.J. 93109
Ptasinski, H.S., Fellman, R.D. Performance analysis of a fractal modulation communication system 57336
Ptasinski, K.J. *see* Van Heesch, E.J.M. 63063
Ptitsin, V. *see* Danilov, V. 87823
Ptitsin, V.E. Model of the mechanism of liquid metal ion source emission 53250
Ptlugi, A. Sensors—a commercial and technical trends 58726
Pu, A. *see* Curtis, K. 64039
Pu, C.C., Shih, F.Y. Design and implementation of soft morphological filters 74525
Pu, C.C., Shih, F.Y. Morphological shape description and shape recognition using geometric spectrum on multidimensional binary images 95822
Pu, G., Mizumoto, T., Naito, Y. Modified numerical technique for beam propagation method based on the Galerkin's technique 51201
Pu, G., Mizumoto, T., Sato, Y., Ito, K., Naito, Y. Numerical analysis of optical switching characteristics of tapered nonlinear directional coupler 94161
Pu, O. *see* Zhang, J.F. 90662
Pu, Y., Tsai, C.S. High-speed integrated magnetooptic frequency shifter module at X-band 94167
Pu Hongbing *see* Chen Zhiming 94287
Pu Lyong Sun *see* Lyong Sun Pu
Pu Qin *see* Qin Pu
Pu Rui *see* Luo Yi 72851
Pu Shijie *see* Liu Huizhen 98719
Pu Tang *see* Tang Pu
Pu Xinmao *see* Wang Zhuding 99557
Pu-ji Yi *see* Yi Pu-ji
Pu-jiang Huang, Xian-long Hong A novel approach to feedthrough pin assignment problem using vertical channel model 80037
Pu-Ling Lu, Charap, S.H. Magnetic viscosity in high-density recording 63231
Pucci, G. *see* Pagli, L. 71750
Pucel, X. SEMI, JESSI, SEMATECH drive minienvironment standards 82040
Puchinger, J. *see* Presting, H. 61898
Puchka, V.A. Numerical investigation of the solution of a problem of electrostatics near irregular points of a surface 83472
Pucic, S.P. Uncertainties of the NIST coaxial noise calibration system 86937
Puckett, R.E. *see* Zoghi, B. 80024
Puckett, R.J. *see* Brethauer, D.M. 60168
Pucko, E. Printed circuit board production in "Nikola Tesla" — market offer possibilities 62015
Pudalov, V.M., Chui, S.T. Character of the phase transition at the two-dimensional electron-liquid-to-solid boundary 62328
Pudda, C. *see* Garcia, A. 93237
Puddephatt, S.C. *see* Zinke-Allmang, M. 91510
Puddu, G. *see* Martin, A. 67356
Pudlak, P. Communication in bounded depth circuits 70215
Pudlowski, Z.J. Developing computer-aided education in electrical engineering 54356
Pudney, C.D. *see* Murgatroyd, P.N. 94718
Pudonin, F.A. *see* Vinogradov, E.A. 73089
Puech, C. *see* Weesakul, U. 77494
Puech, P., Landa, G., Carles, R., Pizani, P.S., Daran, E., Fontaine, C. Raman scattering study of [hhk]-GaAs/(Si or CaF_2) strained heterostructures 81232
Puech, V. *see* Legentil, M. 63660
Puech, V. *see* Pitchford, L. 76726
Puente, H.R. *see* Ranade, S.J. 78132
Puers, B., Lapadatu, D. Extremely miniaturized capacitive movement sensors using new suspension systems 58735
Puers, R. *see* Peeters, E. 81482
Puers, R. *see* Wouters, E. 88368
Puers, R. *see* Wouters, P. 58646
Puertolas, D. *see* D'Ambrosio, C. 67286
Puetter, R.C., Pina, R.K. The pixon and Bayesian image reconstruction 64578
Puetter, R.C. *see* Pina, R.K. 66430
Pufall, R. Automatic process control of wire bonding 92846
Pugachevich, V. *see* Gromov, D. 81778
Puget, P. *see* Cesarsky, C.J. 52955
Pugh, B.T. *see* Striffler, W.A. 70878
Pugh, J.R. *see* McNaughtan, A. 66277
Pugh, J.R. *see* McNaughtan, A. 87169
Pugh, R.L. Space Transportation Main Engine reliability demonstration technique 59524
Pugliesi, R. *see* Assuncao, M.P.M. 76798
Puglisi, M. *see* Abrami, A. 98715
Pugmire, R.H., Hodgson, R.M., Chaplin, R.I. Educating a neural network for image processing 51563
Puh, H. *see* Combettes, P.L. 85010
Puh Hong *see* Hong Puh
Puharic, M., Zutobradic, S. Current trends in development of distribution stations' overvoltage protection 78764
Publmann, N. *see* von Ortenberg, M. 82505
Pui-Kin Ser, Wan-Chi Siu Novel 2-D Hough planes for the detection of ellipses 96108
Puig Vidal, M., Bafleur, M., Buxo, J., Sarrabayrouse, G. Latch-up test structures for reliability analysis of a floating well based smart power technology 49176
Puigdollers, J. *see* Cifre, J. 71293
Puille, R. *see* Stappers, V. 52542
Puille, R. *see* Stappers, V. 82603
Puimedon, J. *see* Avignone, F.T. 67288
Puimedon, J. *see* Saenz, C. 59159
Puisto, D. Electron-beam lithography optimization for 0.25-μm X-ray mask making 62585
Puisto, D.M. *see* Katnani, A.D. 81718
Pujara Neeraj *see* Neeraj Pujara
Pujol, R. *see* Romeu, J. 48600
Pujolle, G. Architecture of local and metropolitan ATM networks: new trends 58155
Pujolle, G., Gaiti, D. Performance management issues in ATM networks 85875
Pujolle, G. *see* Fayet, C. 64938
Pujolle, G. *see* Onvural, R.O. 64986
Pukhlyakov, Yu.A. *see* Alifertsev, O.N. 79897
Pukhov, A.A. *see* Bunikov, N.A. 82462
Pukhov, A.A. *see* Buznikov, N.A. 82308
Pukhov, A.A. *see* Ivanov, S.S. 72213
Pukhov, A.A. *see* Ivanov, S.S. 89304
Pukhov, S.P. *see* Averchenkov, V.Ya. 59053
Pulat, E. *see* Can, M. 79416
Pulcini, G. *see* Calabri, R. 79558
Pulcini, G. *see* Calabria, R. 60561
Pulemyotov, D.A. *see* Peka, H.P. 49807
Puleo, M. *see* Caldera, C. 97303
Puleo, M. *see* Delpiano, F. 83044
Pulfrey, D.L. *see* Searles, S. 49963
Puliafito, A. *see* Casale, S. 65348
Puliafito, A. *see* Catania, V. 49578
Puliafito, A. *see* Catania, V. 65033
Puliafito, A. *see* Catania, V. 65235
Puliafito, A. *see* Catania, V. 85717
Pulido, N. *see* Gonzalez, M.A. 98737
Pulkkinen, U. Gaussian paired comparison models 61034
Pullela, R. *see* Rodwell, M.J.W. 72643
Pullela, S. *see* Menezes, N. 91830
Pullela, S. *see* Miner, P.S. 92075
Pullen, I.R. *see* Maddocks, M.C.D. 97548
Pullen, S.P., Pervan, B.S., Parkinson, B.W. A new approach to GPS integrity monitoring using prior probability models and optimal threshold search 65998
Pullia, A. *see* Bertuccio, G. 88266
Pullia, M. *see* Acerbi, E. 63871
Pulliainen, J., Heiska, K., Hyyppa, J., Hallikainen, M. Backscattering properties of boreal forests at C- and X-bands 67919
Pulliainen, J. *see* Hyyppa, J. 67920
Pulliainen, J.T., Heiska, K., Hyyppa, J., Hallikainen, M.T. Backscattering properties of boreal forests at the C- and X-bands 88864
Puls, W., Doerffer, R., Sundermann, J. Numerical simulation and satellite observations of suspended matter in the North Sea 59562
Pulsipher, D.C. *see* Call, R.W. 57657
Pultz, G.N. *see* Norton, P.W. 91524
Pulvirenti, F. *see* Gariboldi, R. 80202
Pun, P. *see* Kaczmarek, M. 56878
Pun, T. *see* Burgi, P.-Y. 64824
Pun, T. *see* Milanese, R. 84686
Punch, B. *see* Ethington, R. 58612
Pundir, A. *see* Mehra, R.M. 63335
Pung Kuin Sen *see* Chan Choong Wah 74973
Pungin, V.G. *see* Bulatov, N.G. 77466
Punie, Y., Veller, A., Verhoest, P., Burgelman, J.-C. Diffusion of innovative telematics from the user viewpoint: the case of small professional users 96739
Punj, V., Siller, C.A., Jr. Switched networking of wideband applications 51901
Punjabi, V. *see* Pourang, R. 55527
Punjani, M. *see* Cvetkovic, S.R. 70822
Punturo, M. *see* Beier, T. 53305
Punturo, M. *see* Grafstrom, P. 76786
Punturo, M. *see* Harr, R. 88209
Punwani, S.K. *see* Singh, S.P. 54222
Punzi, G. *see* Amidei, D. 98639
Pupolin, S. *see* Corvaja, R. 75308
Pupolin, S. *see* Lazzarin, G. 52337
Pupolin, S. *see* Zorzi, M. 86098
Pupp, R. *see* Orans, R. 89061

Puppe, F. *see* Junglas, K.-J. 77932
Puppin, E. *see* Callegaro, L. 71874
Puppo, P. *see* Cinquegrana, C. 97970
Puranen, L. *see* De Vreede, J.P.M. 86889
Purbo, O.W. *see* Misra, D. 62424
Purchase, K.G., Hill, K.B., Talbot, M.E., Brady, D.J. Dispersion compensation in coherence-domain multiplexed systems 75444
Purchine, M.P. *see* Weimin Sun 73260
Purdin, T.D.M., Harris, G. A genetic-algorithm approach to solving crossword puzzles 48755
Purdy, J.A. *see* Nath, R. 77051
Purdy, J.E. *see* Baig, M.A. 96479
Pureza, P.C. *see* Sanghera, J.S. 63419
Pureza, P.C. *see* Sanghera, J.S. 98029
Puri, A. *see* Hang Liu 63924
Puri, A. *see* Rosa, A. 62238
Puri, R., Gu, J. A divide-and-conquer approach for asynchronous interface synthesis 55064
Puri, R., Gu, J. Area efficient synthesis of asynchronous interface circuits 92030
Puri, R., Gu, J. A modular partitioning approach for asynchronous circuit synthesis 92098
Puri, V. Performance enhancement of thick film microstripline circuits by metallic thin film overcoat 55420
Puri, V. Effect of thick film dielectric overlays on the characteristics of a 3 db branch line microstrip directional coupler 80591
Purkayastha, P. Managing innovation projects in the global system 69456
Purkins, T. *see* Cesarsky, C.J. 52955
Purniah, B. *see* Amarendra, G. 87661
Puro, P. *see* Martikainen, O. 85533
Purschke, M. *see* Kampert, K.-H. 98503
Pursley, M.B., Russell, H.B. Network protocols for frequency-hop packet radios with decoder side information 65553
Pursley, M.B. *see* Madhow, U. 75184
Pursley, M.B. *see* Madhow, U. 96964
Pursley, M.B. *see* Noneaker, D.L. 75194
Pursley, M.B. *see* Noneaker, D.L. 86089
Purushotham, V. *see* Zika, J. 53497
Purvee, R. *see* Braceras, G. 92229
Purviance, J. *see* Campbell, L. 91770
Purvis, A. *see* Lo, K.C. 95925
Purvis, A. *see* Love, G.D. 72476
Purvis, M., Li Xiaodong Connectionist computations based on an optical thin-film model 50621
Purwanto, Y., Ogawa, Y., Ohmiya, M., Itoh, K. A yearlong performance of satellite broadcasting receiving systems 94973
Purwins, H.-G. *see* Niedernostheide, F.-J. 49954
Pusarla, C. *see* Guan, L. 50711
Puscalau, M. *see* Kramer, G.H. 59358
Pusch, G.D. *see* Davies, W.G. 87677
Pusch, H., Respondek, P. Building systems technology in the electromagnetic context 89228
Pusch, R. *see* Loesch, K. 52508
Puschmann, U. Does nitrogen eliminate cleaning? 92725
Pusep, A.Yu. *see* Bulgakov, Yu.I. 53543
Pushan Tang *see* Jianhua Shao 80247
Pushan Tang *see* Yunfeng 82019
Pushan Tang *see* Tang Pushan
Pushpala, S. *see* Sethi, S. 81699
Pushpavanam, M., Marikkannu, C., Natarajan, S.R., Balakrishnan, K. Corrosion testing of nickel-palladium alloy electrodeposits for electronic applications 49013
Pusl, J. *see* Rodwell, M.J.W. 61949
Pusl, J. *see* Rodwell, M.J.W. 72643
Pust, L. *see* Vertesy, G. 72077
Pustelny, T. Fiber optic temperature sensors with fluoroptic effect 52879
Pusterla, M. *see* Akchnrin, N. 66847
Pustovit, V.P. *see* Bogatyrev, M.V. 64168
Pustovoit, V.I. *see* Lesnikov, E.V. 87191
Pustylnik, O.D. *see* Khimenko, O.A. 66009
Pusztai, L. *see* Peto, G. 71131
Put, P.J.van der *see* van der Put, P.J.
Putallaz, G. *see* Baggs, R. 76791
Putallaz, G. *see* Breidenbach, M. 92864
Putilin, A.A. *see* Masalov, A.V. 94267
Putilin, V.M. *see* Napartovich, A.P. 82935
Putilov, A.V. *see* Bogoyavlenskii, R.G. 99841
Putlitz, G.zu *see* zu Putlitz, G.
Putmakov, A.N. *see* Aksenov, G.A. 52770
Putnam, J.A. *see* Seidl, D.R. 68649
Putnam, M.A. *see* Askins, C.G. 50505
Putnam, M.A. *see* Askins, C.G. 98054
Putnam, M.A. *see* Friebele, E.J. 98032
Putnam, M.A. *see* Griscom, D.L. 72315
Putnam, M.A. *see* Sirkis, J. 52932
Putnam, M.A. *see* Sirkis, J. 98059
Putnis, A. *see* Gajda, M.A. 52806
Putte, M.Van den *see* Van den Putte, M.
Putten, A.F.P.Van *see* Van Putten, A.F.P.
Putten, M.H.P.M.Van *see* Van Putten, M.H.P.M.
Putten, M.J.A.M.Van *see* Van Putten, M.J.A.M.
Putten, W.L.J.van *see* van Putten, W.L.J.
Putter, P., Roos, J.D. Relationships: implementing transparency in distributed management systems 74837
Puttera, J. Measuring systems with microcomputers 58628
Puttgen, H.B. *see* MacGregor, P.R. 88993
Putti, M. *see* Calzona, V. 97972
Puttkamer, E.von *see* von Puttkamer, E.
Puttlitz, E.A., Collins, J.P. I-line negative resist manufacturing process qualification 81643
Puttlitz, E.A. *see* Linehan, L.L. 81639
Putvinski, T.M. *see* Law, H.H. 70971
Putyatin, E.P., Gorokhovatskii, V.A., Ishchenko, S.V. Algorithms of detection of moving objects in images using the Hough transform 51704
Putz, K.J. *see* Armbruster, H. 85426
Puzanov, Yu.V. Self-similar risk characteristics of industrial accidents 60878
Puzenko, S.A. *see* Bass, F.G. 77574
Puzo, P. *see* Buon, J. 76616
Puzyrev, E.M., Stropus, V.V., Sidorov, A.M., Il'in, Yu.M. Reconstructing boilers to burn coal in a circulating fluidized bed 89659
Py, C., Baptist, R. Stability of the emission of a microtip 62046
P'yapkov, V.P. Electrodynamic characteristics of box horn 83820
Pyati, V.P., Manring, E.B., Asmussen, J., Jr. Comments on "Useful Bessel function identities and integrals" [and reply] 79733
Pyati, V.P. *see* Temple, M.A. 75533
Pycock, S.J. *see* Gu, X. 65809
Pye, C.J. *see* Chardaire, P. 64628
Pye, S.D., Milford, C. The performance of ultrasound physiotherapy machines in Lothian Region, Scotland, 1992 67621
Pylaev, A.M. *see* Dorri, M.Kh. 89480
Pylant, E. *see* Hoener, C.F. 70099
Pyle, K. *see* Vrignaud, G. 86394
Pynn, C.T. Manufacturing process test: a strategy for the TQM environment 92741
Pyo, S.S. *see* Tae Won Cho 55083
Pyo Hong Jae *see* Jae Pyo Hong
Pyo Hong Jin *see* Jin Pyo Hong
Pyo Jeong Woo *see* Woo Pyo Jeong
Pyo Jun Kyung *see* Jun Kyung Pyo
Pyon Taeyoung *see* Taeyoung Pyon
Pyragas, K. *see* Scholl, E. 62640
Pyrhonen, J., Kurronen, P. Increasing the efficiency of high-speed solid-rotor induction machines 54027
Pyshev, A.I. *see* Cardini, A. 67354
Pyshnaya, N.B. *see* Radautsan, S.I. 62168
Pytkin, Yu.N., Simonov, K.V. Nonstandard fuel loading and reactor operating conditions in the first unit at the Kol'sk atomic power plant 53872
Pyun, J.K. *see* Shin, J.C. 71568
Pyung Jae Kim *see* Han Gyoo Kim 97128
Pyung Mah Jae *see* Jae Pyung Mah
Pyutsyura, D.I., Shkumbatyuk, P.S. Nonlinear conductivity induced in CdS by long-wavelength laser irradiation 50666

Qaddoumi, N., Ganchev, S., Zoughi, R. A novel microwave fatigue crack detection technique using an open-ended coaxial line 87473
Qaddoumi, N. *see* Bakhtiari, S. 53044
Qaddoumi, N. *see* Ganchev, S. 87474
Qamber, I.S. *see* Akbaba, M. 100093
Qamhieh, Z.N. *see* Vermeeren, L. 98485
Qasaimeh, O. *see* Zebda, Y. 72585
Qasaimeh, O. *see* Zebda, Y. 94266
Qasim Ghulam *see* Ghulam Qasim
Qazi, S. *see* Erdmann, R.K. 56718
Qazi, T. *see* de Vries, M.J. 98066
Qhalid Fareed, R.S., Dhanasekaran, R., Ramasamy, P. Concentration profiles of As in a Ga rich solution during electroepitaxy of GaAs using a computer simulation technique 48947
Qi, B. *see* Kim, D. 90433
Qi, H., Wyrwas, R. Capture effects on PRMA stability and performance 51791
Qi, N. *see* Prasad, R.R. 81593
Qi, N.D. *see* Bai, J.Z. 53324
Qi, X., Feng, Z., Yan, X. Timing driven floorplanning for general cells 70234
Qi, Y.H. *see* Duan, B.Y. 83850
Qi Bing *see* Zhou Weiming 94294
Qi Feihu *see* Shen Dinggang 51606
Qi Feihu *see* Shen Liqin 95903
Qi Feihu *see* Feihu Qi
Qi Feng *see* Feng Qi
Qi Gan, Qing Yang, Chenyi Hu Parallel all-row preconditioned internal linear solver for nonlinear equations on multiprocessors 79709
Qi Hong Wu, Perlmutter, S.H., Rice, R.A., Moddel, G. High-reflectivity patterned metal mirror used in an optically addressed spatial light modulator 50599
Qi Lei *see* Lei Qi
Qi Li *see* Bhattacharya, S. 66358
Qi Lin *see* Jack Zezhong Peng 61693
Qi Lin *see* Lin Qi
Qi Linsheng *see* Li Xiulian 89726
Qi Liqun *see* Liqun Qi
Qi Ming, Luo Jinsheng Analysis of critical layer thickness in GaAs/InGaAs strained heterostructures by Raman scattering and photoluminescence 62241
Qi Ronggang *see* Xu Shouyi 60930
Qi Run-De *see* Run-De Qi
Qi Shuqing *see* Ye Bingkun 52310
Qi Suqin *see* Li Ruigang 80413
Qi Weiwei *see* Weiwei Qi
Qi Wu *see* Wu Qi
Qi Xiu Chen *see* Ke Chen 90170
Qi Yingyong *see* Yingyong Qi
Qi Zeyu *see* Zeyu Qi
Qi Zhang, Hoefer, W.J.R. Characteristics of new 3D distributed node TLM mesh with cells of arbitrary aspect ratio 94923
Qi Zhang, Kohno, R., Imai, H. A scheme of arithmetic coding for gray scale images with MDL criterion 95781
Qi Zhang *see* Krumpholz, M. 83737
Qi Zhang *see* Zhang Qi
Qi Zhang-Fu *see* Zhang-Fu Qi
Qi Zheng, Torii, K. Response of optical fiber thermometer with blackbody cavity sensor. (Aiming to measure the gas temperature inside internal combustion engine) 87580
Qi Zhu Zhen *see* Zhen Qi Zhu
Qi-Bai Huang *see* Huang Qi-Bai
Qi-Fan Xiao *see* Ullrich, J.B. 88298
Qi-Hua Fan *see* Xiao-Hong Chen 79952
Qi-Hua Xu *see* Xu Qi-Hua
Qi-Jun Zhang *see* Lum, S. 57161
Qi-Jun Zhang *see* Yuji Wei 80018
Qi-Ping Wang *see* Wang Qi-Ping
Qi-Rong Jiang *see* Jiang Qi-Rong
Qi-Rui Chen *see* Chen Qi-Rui
Qi-Shuang Mu *see* Mu Qi-Shuang
Qi-Xin Guo, Yamamura, T., Yoshida, A., Itoh, N. Structural properties of InN films grown on sapphire substrates by microwave-excited metalorganic vapor-phase epitaxy 61272
Qian, F., Van Veen, B.D. Quadratically constrained adaptive beamforming in coherent interference environments 84528
Qian, F. *see* Kim, D.M. 63574
Qian, J., Batarseh, I., Liu, R., Ortiz-Conde, A. Steady-state analysis of the current driven full-bridge parallel resonant converter 100230
Qian, J. *see* Dartu, F. 93594
Qian, J.J. *see* Bai, J.Z. 53324
Qian, J.X., Li, P.W. Comparison and selection of overlay extra high voltage in North West China power network 59888
Qian, N. *see* Leung, V.C.M. 86173
Qian, N. *see* Leung, V.C.M. 96598
Qian, Q. *see* Lawson, W. 76377
Qian, R.J., Huang, T.S. Estimating articulated motion by decomposition 57789
Qian, S. *see* Anselmo, F. 98647
Qian, S.F. *see* Mao, J.M. 71158
Qian, T.W.T., Ma, C.C.H., Ko, P.L., Knowles, G. Fretting test rig computer control 97789
Qian, W. *see* Li, H. 76961
Qian, W.G. *see* Chen, M. 53245
Qian, X.-W. *see* Jones, R.E., Jr. 50319
Qian, Y. *see* Hu, J. 100127
Qian, Z., Lu, C., An, M., Tolimieri, R. Self-sorting in-place FFT algorithm with minimum working space 95395
Qian, Z. *see* Lu, C. 70640
Qian, Z. *see* Lu, C. 84269
Qian, Z.H. *see* Xiao, D.Q. 93746
Qian, Z.L., Zhang, S.Y., Lu, Y.S., Wang, Z.Q. Modulated photoreflectance characterization of ion-implanted semiconductor wafers 62404
Qian Ai-Di *see* Xu Zhi-Zhan 82890
Qian Chang *see* Chang Qian
Qian Feng *see* Feng Qian
Qian Fengchun, Zhou Shaochen Microwave relay for mobile radio telecommunication network 52422
Qian Guangyu *see* Gao Shuyang 67035
Qian Guohui *see* Xiao Dunhe 74435
Qian Guohui *see* Zhang Ye 85201
Qian Guoqi *see* Guoqi Qian
Qian Hanchen, Ge Yan, Ren Xin A design of pattern generating system under Windows environment 83344
Qian Huang A general framework for machine vision: hierarchical token grouping 96104
Qian Jiang *see* Xuezhou Ding 94577
Qian Lin *see* Lin Qian
Qian Liu *see* De Palma, J.-F. 90303
Qian Maijian *see* Maijian Qian
Qian Niu, Chiu Liu Nonadiabatic heating in electron turnstiles and pumps 81997
Qian Qingshan *see* Qingshan Qian
Qian Shie *see* Shie Qian
Qian Songrong, Zhang Shiyong, Zhong Yiping The conformance testing of systems management 96253
Qian Tian *see* Tian Qian
Qian Wei *see* Wei Qian
Qian Wen, Ritcey, J.A. Spatial diversity equalization applied to underwater communications 57616
Qian Wen-Ming, Chen Bo-Shi Design of drive and protection circuits for IGBT based on its parameters and characteristic curves 100813
Qian Xiaomei *see* Xiaomei Qian
Qian Xing *see* Shen Dingyu 87769
Qian Yasheng *see* Yasheng Qian
Qian Yongxi *see* Yongxi Qian
Qian Yuangin *see* Li Xingguo 86580

Qian Zhang, Lewin, P.A. Wideband and efficient polymer transducers using multiple active piezoelectric films 99345
Qian Zhaoming *see* Lu Liwu 81329
Qian Zhenghong *see* Zhenghong Qian
Qian Zhong, Inniss, D. Characterization of the lightguiding structure of optical fibers by atomic force microscopy 94063
Qian Zhong *see* Vengsarkar, A.M. 82547
Qian Zhongtai *see* Tong Guangqiu 95503
Qian Zhou Xiao *see* Zhou Xiao Qian
Qiang, H., Yan, D., Yin, Y., Pollak, F.H. Modulation spectroscopy characterization of semiconductor device structures 91677
Qiang Fu *see* Fu Qiang
Qiang Gao *see* Bihong Guo 100410
Qiang Huang, Hopf, R., Rodricks, B. A VXI-based high speed X-ray CCD detector 88321
Qiang Huang *see* Rodricks, B. 88048
Qiang Huang *see* Sung Shik Yoo 88040
Qiang Huo, Chorkin Chan Contextual vector quantization for speech recognition with discrete hidden Markov model 95354
Qiang Huo, Chorkin Chan, Chin-Hui Lee Segmental quasi-Bayesian learning of the mixture coefficients in SCHMM for speech recognition 95349
Qiang Li, Guilin Zhang, Yan Xiong Precision tracking of overlapping small targets 95904
Qiang Li *see* Maruyama, X.K. 67219
Qiang Li *see* Yan Xiong 95908
Qiang Li *see* Li Qiang
Qiang Liangsheng *see* Zhang Hongxi 73082
Qiang Liangsheng *see* Liangsheng Qiang
Qiang Lin *see* Lin Qiang
Qiang Lu *see* Lu Qiang
Qiang Luo *see* Luo Qiang
Qiang Ren, Kobayashi, H. A diffusion approximation analysis of an ATM statistical multiplexer with multiple types of traffic .II. Time-dependent solutions 96137
Qiang Wang, Gulliver, T.A., Mason, L.J., Bhargava, V.K. Performance of SFH/MDPSK in tone interference and Gaussian noise 57329
Qiang Wang, Muzhong Wang, Hong Zhao Performance evaluation of partial erasure decoding for non-binary block codes 95098
Qiang Wang *see* Hong Zhao 97080
Qiang Wang *see* Hong Zhao 97097
Qiang Wang *see* Tellambura, C. 52449
Qiang Wu, Kon Max Wong UN-MUSIC and UN-CLE: an application of generalized correlation analysis to the estimation of the direction of arrival of signals in unknown correlated noise 84355
Qiang Wu, Kon Max Wong, Reilly, J.P. Maximum likelihood direction-finding in unknown noise environments 57567
Qiang Xifu *see* Xifu Qiang
Qiang Xu, Jian Yuan, Jianbao Wang, Daming Huang, Fang Lu, Henghui Sun, Xun Wang, Rong Liu Effects of rapid thermal annealing on electrical properties of heavily doped silicon molecular-beam-epitaxial layer with B_2O_3 doping source 81179
Qiang Xue *see* Zhenhua Li 56664
Qiang You *see* You Qiang
Qianjin Liu *see* Liu Qianjin
Qianren Zhang, Takaoka, Y., Sakamoto, M., Kidokoro, K., Yamashita, M., Hirobe, K., Mizoguchi, R. Effort for building a reusable knowledge base-generating operation sequences for accident restoration of primary substations based on the reusable knowledge base 78755
Qiao, C. *see* Alexander, J.P. 59072
Qiao, C. *see* Alexander, J.P. 70305
Qiao, J. *see* Yang, C.Y. 82392
Qiao, L., Yeo, S.P. Efficient four-standard calibration procedure for six-port reflectometers 98288
Qiao, L. *see* Yeo, S.P. 49620
Qiao Changge, Gao Deyuan A stochastic parallel algorithm and its applications to VLSI layout 70242
Qiao Chengshu, Luo Xingqiao A mid- and low-voltage distribution power system micro-computer automatic mapping and facility management system 53747
Qiao Chunming *see* Chunming Qiao
Qiao Hongzhu *see* Hongzhu Qiao
Qiao Jianmin *see* Jianmin Qiao
Qiao Qingwen *see* Ye Feng 59017
Qiao Sang, Yi Mu Introduction to M1 processor 80351
Qiao Sheng Guo *see* Guo Qiao Sheng
Qiao Xiu-Juan *see* Huang Qi-Bai 59002
Qiao Yuan-Ning *see* Xu Qi-Hua 97932
Qiaofu Chen *see* Chen Qiaofu
Qibiao Chen, Yi Chiu, Lambeth, D.N., Schlesinger, T.E., Stancil, D.D. Guided-wave electro-optic beam deflector using domain reversal in $LiTaO_3$ 82724
Qichang Xu *see* Meyer, R., Jr. 75938
Qichao Yin, Zheng, Y.F. Performance analysis of token bus LAN in coordinating multiple robots 74936
Qicheng Yu, Sechen, C. Generation of color-constrained spanning trees with application in symbolic circuit analysis 49068
Qicheng Yu, Sechen, C. Approximate symbolic analysis of large analog integrated circuits 93575
Qien Pen *see* Pen Qien
Qifeng Xu *see* Xu Qifeng
Qifeng Yu, Andresen, K. Fringe-orientation maps and fringe skeleton extraction by the two-dimensional derivative-sign binary-fringe method 95982
Qifeng Yu, Xiaolin Liu, Andresen, K. New spin filters for interferometric fringe patterns and grating patterns 64847
Qiguang Lin Vocal-tract computation: how to make it robust and fast 95277
Qiguang Lin, Ea-Ee Jan, Flanagan, J. Microphone arrays and speaker identification 95255
Qihong Lou *see* Hongping Gu 56694
Qihong Lou *see* Lou Qihong
Qihong Sun *see* Sun Qihong
Qihou Zhou, Mathews, J.D. A spectral technique for the detection and correction of coherent interference effects on incoherent scatter radar power profiles 97377
Qihu Li An application of DSP technique in underwater target automatic tracking 75667
Qiji Yang *see* Yang Qiji
Qijing Pan *see* Pan Qijing
Qijun Huang *see* Huang Qijun
Qikang Fan *see* Zhenhua Li 56664
Qikun Luo *see* Luo Qikun
Qilian Yu *see* Yu Qilian
Qiling Zhu *see* Zhu Qiling
Qimin Shen *see* Jianqiu Lei 94363
Qimin Shen *see* Shen Qimin
Qiming Wu *see* Wu Qiming
Qiming Zhang *see* Meyer, R., Jr. 75938
Qin, C. *see* Chia, T. 63464
Qin, G., Butcher, P.N., Fromhold, T.M., Oxley, J.P., Gallagher, B.L. Thermoelectric coefficients of silicon MOSFETs in quantizing magnetic field 49996
Qin, J. *see* Guo, Z.Y. 87899
Qin, Q. *see* Guo, Z.Y. 87899
Qin, Y., Du, S.S. How fuzzy logic can improve the performance of uninterruptible power systems 60329
Qin Bai Lin *see* Bai Lin Qin
Qin Changzhu *see* Feng Yushui 87978
Qin Chen *see* Chen Qin
Qin Guo-Gang *see* Jin Si-Xuan 81793
Qin Honggui *see* Zhao Dade 80680
Qin Jun Research project of the low-altitude remote sensing system for railway disasters in mountain areas in China 77709
Qin Ling, Meng Xiande Research of multi-thresholds detector for finding little targets of maritime ship 58450
Qin Ling, Meng Xiande Adaptive multi-thresholds detection algorithms for finding little targets of maritime ship 75635
Qin Ling, Meng XianDe A new approach to improve the accuracy of the angle measured in multi-target situation for OTH radar 97411
Qin Ling *see* Ling Qin
Qin Payi *see* An Liansuo 53085
Qin Pu *see* Jin-Fa Zhang 90661
Qin Ruifeng *see* Ruifeng Qin
Qin Sheng Global error estimates for exponential splitting 79648
Qin Sheng, Agarwal, R.P. Nonlinear variation of parameter methods for summary difference equations in several independent variables 54785
Qin Shu *see* Shu Qin
Qin Sudi *see* Tang Shimin 83341
Qin Sun *see* Sun Qin
Qin Xiaohui *see* Xiaohui Qin
Qin Xu, Chong-Jian Qiu Simple adjoint methods for single-Doppler wind analysis with a strong constraint of mass conservation 99201
Qin Xu, Chong-Jian Qiu, Jin-Xiang Yu Adjoint-method retrievals of low-altitude wind fields from single-Doppler reflectivity measured during Phoenix II 99200
Qin Xu, Chong-Jian Qiu, Jin-Xiang Yu Adjoint-method retrievals of low-altitude wind fields from single-Doppler wind data 99208
Qin Yuwen *see* Yuwen Qin
Qin Yuying *see* Xiong Xuming 72689
Qin Zhang, Brown, D.A., Reinhart, L., Morse, T.F., Wang, J.Q., Gang Xiao Tuning Bragg wavelength by writing gratings on prestrained fibers 82544
Qin Zhang, Ward, R. A non-intrusive scheme for measuring the signal-to-noise ratio in television images 95826
Qin Zhang, Xuegao An, Jin Gu, Binquan Zhao, Dazhi Xu, Shuren Xi Application of FBOLES—a prototype expert system for fault diagnosis in nuclear power plants 68406
Qin Zhang *see* Kyunghwan Oh 72741
Qin Zhang *see* Yong Kang 100380
Qin Zhang *see* Zhang Qin
Qin Zheng, Shin, K.G. On the ability of establishing real-time channels in point-to-point packet-switched networks 51765
Qin Zheng, Shin, K.G. Synchronous bandwidth allocation in FDDI networks 58193
Qin Zhi *see* Yang Yongfeng 98553
Qin Zhou, Davidson, J., Fouad, A.A. Application of artificial neural networks in power system security and vulnerability assessment 59787
Qin Zhou *see* Fouad, A.A. 78193
Qin Zhuyin *see* Huang Xiaogang 100366
Qin Zuxu *see* Zuxu Qin
Qin-Sheng Chen, Deconinck, F. Foveal view stereopsis using symmetric phase-only matched filtering 74556
Qin-Yi Tong, Cha, G., Gafiteanu, R., Gosele, U. Low temperature wafer direct bonding 62381
Qing, K.P., Means, R.W. New real time parallel thinning algorithm using convolution approach 64665
Qing Chang *see* Mills, A. 97978
Qing Chen Yu *see* Yu Qing Chen
Qing Chu *see* Chu Qing
Qing Gu, Schiff, E.A., Yuan-Min Li, Malone, C.T. Hole drift mobility measurements in amorphous silicon-carbon alloys 81246
Qing He *see* He Qing
Qing Ke, Feldman, M.J. A technique for noise measurements of SIS receivers 58962
Qing Li *see* Rothwell, E.J. 97371
Qing Li *see* Li Qing
Qing Song *see* Song Qing
Qing Tang *see* Javidi, B. 51671
Qing Tang *see* Javidi, B. 84900
Qing Wang, Marti, J.R. Modeling and computer aided analysis of switching regulators 100259
Qing Wei-Dong *see* Wei-Dong Qing
Qing Xia *see* Xia Qing
Qing Xiang *see* Yu Qing Chen 79515
Qing Xu Guo *see* Xu Guo Qing
Qing Yang *see* Qi Gan 79709
Qing Yang Gen *see* Gen Qing Yang
Qing Ye *see* Ye Qing
Qing Yihong *see* Liang Zhixiang 99531
Qing Zhang, Guangguo Bi Performance of trellis-coded QPSK/SS systems with long PN sequence combating multiple-access and tone interferences 96980
Qing-Guang Liu *see* Liu Qing-Guang
Qing-Huo Liu Nonlinear inversion of electrode-type resistivity measurements 88728
Qing-Huo Liu, Anderson, B., Weng Cho Chew Modeling low-frequency electrode-type resistivity tools in 2-D formations 77301
Qing-Huo Liu, Anderson, B., Weng Cho Chew Modeling low-frequency electrode-type resistivity tools in invaded thin beds 88727
Qing-Huo Liu, Weng Cho Chew Applications of the conjugate gradient fast Fourier Hankel transfer method with an improved fast Hankel transform algorithm 83599
Qing-tai Zhao, Zhong-lie Wang, Tian-bing Xu, Pei-ran Zhu, Jun-si Zhou Damage accumulation and amorphization in GaAs by MeV Si^+ ion implantation at different tilt angles 55716
Qing-Tai Zhao *see* Ke-Ming Wang 93116
Qing-Tai Zhao *see* Ke-Ming Wang 93134
Qing-tai Zhao *see* Tian-bing Xu 55715
Qing-Yuan Wang, Jian-Qin Liu, Nan-Ning Zheng Stochastic model-based segmentation of textured image by parallel unsupervised network 51641
Qingbo Lai *see* Lai Qingbo
Qingchang Yu *see* Yu Qingchang
Qingchuan Zeng *see* Zeng Qingchuan
Qingchuan Zhang *see* Zhang Qingchuan
Qingding Guo *see* Guo Qingding
Qinggang Yu *see* Yu Qinggang
Qingguang Liu *see* Liu Qingguang
Qingguo Liu *see* Liu Qingguo
Qingguo Shen *see* Shen Qingguo
Qinghai Zhang *see* Zhang Qinghai
Qinghong Cao, Segan, S., Weiping Li, Yen, B.T. Applications of digital signal processing to highway bridge monitoring 75864
Qinghua Lan *see* Lan Qinghua
Qinghuan Zhang *see* Zhang Qinghuan
Qingjie Zhou *see* Zhou Qingjie
Qinglin Wang *see* Wang Qinglin
Qingling Zhang *see* Zhang Qingling
Qingmeng Yan *see* Yan Qingmeng
Qingping Kang *see* Kang Qingping
Qingpu Wang *see* Xingyu Zhang 63625
Qingquan Li *see* Li Qingquan
Qingru Luan *see* Ruyi Chen 90604
Qingshan Qian *see* Argyros, I.K. 69855
Qingshan Zhou *see* Minan Li 91773
Qingwei Ye *see* Qinhua Nie 50534
Qingwen Qiao *see* Qiao Qingwen
Qingxu Xiong *see* Xiong Qingxu
Qingyu Liu *see* Liu Qingyu
Qingyuan Dai, Shwedyk, E. Detection of bandlimited signals over frequency selective Rayleigh fading channels 51531
Qingyuan Meng, Mehregany, M., Mullen, R.L. Theoretical modeling of microfabricated beams with elastically restrained supports 62909
Qingyuan Wang, Kui Zhao, Chia-Erh Chen, Kesong Hu, Yutao Chen, Pingshan Wang A multi-electron-beam Cherenkov oscillator operating at mm wavelengths 94318
Qingyun Shi *see* Wei Gong 74382
Qingzhen Li *see* Li Qingzhen
Qingzhong Cai An object-oriented model for intelligent networks 96855
Qingzhong Dai *see* Dai Qingzhong
Qingzhong Xu *see* Zhenghua Deng 68976

Qingzhong Zhou *see* Zhou Qingzhong
Qinhai Zhou *see* Zhou Qinhai
Qinhua Nie, Qingwei Ye Waveguide theory of elliptical fibers with Mathieus functions 50534
Qinhua Wang *see* Chi Sheng 62436
Qinyi Tong *see* Tong Qinyi
Qinyuan Wang *see* Nanning Zheng 51639
Qinyue Wang *see* Wang Qinyue
Qio MinWang *see* MinWang Qio
Qiong Li, Lee, F.C., Yang, E., Borojevic, D. Fast computer algorithm for simulation of switching converters 100373
Qiong Yu, Badida, S., Sherwani, N. Algorithmic aspects of three dimensional MCM routing 92831
Qionglin Zheng, Rongtai Hao General theory of active power compensating-filters 99471
Qiping Wang *see* Ming Sun 80949
Qiren Zhang *see* Zhang Qiren
Qirong Jiang *see* Jiang Qirong
Qirui Chen *see* Kuoping Wang 83349
Qishan Feng *see* Feng Qishan
Qishan Zhang *see* Hongjun Xu 85342
Qishan Zhang *see* Minglu Jin 85623
Qishan Zhang *see* Zhang Qishan
Qisheng Li *see* Bihong Guo 100410
Qiu, C. *see* Swoger, J.H. 83097
Qiu, G., Barnard, J.A. The effects of film geometry on the properties of FeTaN films 71990
Qiu, H., Sheng, K.C., Lam, J.K., Knuth, T., Miller, M., Addiego, G. Automatic repair in AMLCD 66613
Qiu, J. *see* Arnow, T.L. 69599
Qiu, J. *see* DePuydt, J.M. 63839
Qiu, J. *see* Guha, S. 82834
Qiu, M.W., Fan, Y.X., Schlecht, R.C., Luo, Z.D., Jiang, A.D., Huang, Y.C. An efficient NYAB self-frequency-doubling green laser with diffraction-limited beam quality 83033
Qiu, T.Q., Grigoropoulos, C.P., Tien, C.L. Novel technique for noncontact and microscale temperature measurements 53074
Qiu, W., Watson, J., Thompson, D.S., Deans, W.F. Modelling the interaction between laser and target material in laser microspectral analysis 60944
Qiu, W. *see* Cannon, M.E. 65731
Qiu, W. *see* Hua, Y. 84244
Qiu, W. *see* Lachapelle, G. 65726
Qiu, X.Z. *see* Ingold, G. 63868
Qiu, Y. *see* Davis, L. 58077
Qiu, Z.S. *see* Chen, D.G. 90290
Qiu Caiming *see* Liu Shuzhang 91648
Qiu Chong-Jian *see* Chong-Jian Qiu
Qiu Daxiong, Ma Yuqing, Lu Yingyun, Wang Qizhi, Zhu Zhuliang Household energy consumption in Beijing and Nanning, China 69028
Qiu Guanyuan *see* Fan Shemin 61771
Qiu Guanyuan *see* Yang Jun 92372
Qiu Guoping *see* Guoping Qiu
Qiu Hongze, Ma Shaohan VAX dual system development based on DECnet 65256
Qiu Jing *see* Jing Qiu
Qiu Kun, Gao Yizhi Ultrashort pulse amplification in semiconductor laser amplifiers: theory and experiment 63761
Qiu Ling *see* Zhai Ruoyan 89586
Qiu Liu Yan *see* Liu Yan Qiu
Qiu Lunji *see* Lunji Qiu
Qiu Nanyan *see* Hao Pizhu 98164
Qiu Ning *see* Ning Qiu
Qiu Ping Li *see* Hon Keung Kwan 55347
Qiu Ruichang *see* Zhou Xide 75897
Qiu Shoukang *see* Li Xianjie 87980
Qiu Wei *see* Zhou Yi 56411
Qiu Xiaohui *see* Xiaohui Qiu
Qiu Yadong An expert system for electricity pricing 99525
Qiu Yuanwu *see* Jiang Xuyang 56391
Qiu Yuping *see* Yuping Qiu
Qiu Zheng An *see* Zheng An Qiu
Qiu Zhengding *see* Zhengding Qiu
Qiu Zhi-Ren *see* Lin Wei-Zhu 50751
Qiu-Ming Ma *see* Min Liang 85089
Qiuehan Shan *see* Shan Qiuehan
QiuHeng Yang *see* Yang QiuHeng
Qiuming Liu *see* Lindner, A. 91513
Qiuming Zhu Improving edge detection by an objective edge evaluation 96008
Qiushi Chen, Konrad, A., Biringer, P.P. Computation of static and quasistatic electromagnetic fields using asymptotic boundary conditions 73232
Qiushi Chen, Konrad, A., Biringer, P.P. A finite element—Green's function method for the solution of unbounded three-dimensional eddy current problems 83505
Qiuxin Gu *see* Gu Qiuxin
Qiwan Fang *see* Fang Qiwan
Qixun Yang *see* Yang Qixun
Qiying Chen, Donghong Gu, Fuxi Gan Optical recording using copper phthalocyanine thin films 72286
Qiying Chen, Donghong Gu, Juping Shu, Xiaodong Tang, Fuxi Gan Optical and recording properties of copper phthalocyanine films 63351
Qiying Chen *see* Fuxi Gan 56309
Qiying Chen *see* Chen Qiying
Qiying Hu The optimal replacement of a Markovian deteriorative system under stochastic shocks 91143
Qiyu Xia *see* Xia Qiyu
Qizhen Wei *see* Wei Qizhen
Qizhi Wang *see* Wang Qizhi
Qu, X.-X., Chen, K.-J., Wang, M.-X., Li, Z.F., Shi, W.-H., Feng, D. Preparation of Ge quantum crystallites embedded in a-SiN_x matrix by the PECVD method 54943
Qu, X.H., Bottomley, D.J., Ruda, H., Springthorpe, A.J. Second-harmonic generation from a GaAs/$Al_{1-x}Ga_xAs$ asymmetric quantum-well structure 94602
Qu, Y. *see* Tsuo, Y.S. 100472
Qu, Y.H. *see* Bai, J.Z. 53324
Qu, Y.H. *see* Ishida, N. 67339
Qu, Z. *see* Dawson, D. 60208
Qu, Z. *see* Jiang, H. 89042
Qu, Z. *see* Jiang, H. 99474
Qu, Z. *see* Speagle, R.C. 100178
Qu Fei Chen *see* Ke Chen 90170
Qu Li *see* Sottini, S. 56903
Qu Liu *see* Liu Qu
Qu Shuzeng, Wang Yuzhang, Zhang Jien, Jiang Zhiman 30 MN thrust bearing test stand 89885
Qu Yaoshuang *see* Yaoshuang Qu
Qu Zhe *see* Zhe Qu
Qu Zu-Yi *see* Mu Gang 99430
Qua, G.J. *see* Chandrasekhar, S. 58424
Qua, G.J. *see* Chandrasekhar, S. 97292
Qua, G.J. *see* Lunardi, L. 86322
Quach, T. *see* Williams, M. 70915
Quade, W., Hupper, G., Scholl, E., Kuhn, T. Monte Carlo simulation of the nonequilibrium phase transition in p-type Ge at impurity breakdown 62150
Quade, W., Scholl, E., Rossi, F., Jacoboni, C. Quantum theory of impact ionization in coherent high-field semiconductor transport 92911
Quader, K.N., Ko, P.K., Chenming Hu A new insight into correlation between DC and AC hot-carrier degradation of MOS devices 71818
Quader, K.N., Ko, P.K., Chenming Hu Projecting CMOS circuit hot-carrier reliability from DC device lifetime 93619
Quader, K.N., Minami, E.R., Wei-Jen Ko, Ko, P.K., Chenming Hu Hot-carrier-reliability design guidelines for CMOS logic circuits 49351
Quader, K.N., Peng Fang, Yue, J.T., Ko, P.K., Chenming Hu Hot-carrier-reliability design rules for translating device degradation to CMOS digital circuit degradation 56076
Quader, K.N. *see* Li, C.C. 62821
Quader, K.N. *see* Minami, E.R. 63004
Quadrado, J.C., Fernando Silva, J. On the elimination of steady-state errors with an "elastic" fuzzy position controller for motor drives 90564
Quadrini, E.M., Corba, M., Falconi, B., Moriggio, C., Rossi, M., Younis, F.A., Labanti, C., Rossi, E., De Bernardis, M., De Bortoli, L. On-board electronics for BLIMP: a balloon-borne prototype for the INTEGRAL satellite 76829
Quadrini, E.M., Corba, M., Falconi, B., Moriggio, C., Santambrogio, R., Younis, F.A. PCM-formatter: a powerful, low cost system for PCM telemetry decoding and quick look support 85621
Quadrini, M.E. *see* Labanti, C. 76762
Quaglia, P. *see* Bruneau, D. 75648
Quaglione, G. *see* Giusto, P.P. 52353
Quaglione, G. *see* Guisto, P.P. 65215
Quaia, S., Tosato, F. A fast static booster for voltage sag compensation 99504
Quaicoe, J. *see* Walters, D. 60146
Quaicoe, J.E. *see* Abdel-Rahim, N. 68071
Quaicoe, J.E. *see* Abdel-Rahim, N. 100357
Quaicoe, J.E. *see* Jain, P. 68773
Quaicoe, J.E. *see* Rajagopal, N. 100359
Quaicoe, J.E. *see* Zhiqin Shu 90197
Quak, E., Weyrich, N. Decomposition and reconstruction algorithms for spline wavelets on a bounded interval 79756
Qualey, S. *see* Oed, R.G. 60100
Qualtrough, J.A. *see* Stufflebeam, J.L. 66137
Quam, W. *see* Golightly, M.J. 88573
Quan, J.T. *see* Wu, W.Y. 90606
Quan, K.M. *see* Hand, D.P. 87224
Quan, L. *see* Mohr, R. 96032
Quan, V. *see* Copeland, D.A. 94333
Quan Baiyun *see* Baiyun Quan
Quan Pan *see* Pan Quan
Quan Sheng-Wen *see* Lu Jian-Qin 67253
Quan Shuyuan *see* Zhou Yuanhua 51607
Quan Yusheng *see* Li Tianyun 89049
Quan Zhang *see* Xiaohang Peng 53523
Quandt, E. Multitarget sputtering of high magnetostrictive Tb-Dy-Fe films 63170
Quang, D.Le *see* Le Quang, D.
Quang Nam Le *see* Le Quang Nam
Quangang Du *see* Du Quangang
Quanmin Yin *see* Yin Quanmin
Quanrang Yang *see* Yi-Jun He 57087
Quanren Zhou *see* Zhou Quanren
Quanting Yang *see* Yang Quanting
Quarati, P. *see* Greife, U. 98550
Quarles, G.J. *see* Marshall, C.D. 94425
Quarmby, N., Foody, G., MacLaren, I. Classifying land use 85145
Quast, T. *see* Raab, M. 98020
Quast, U. *see* Pradhan, A.S. 88613
Quate, C.F. *see* Hadimioglu, B. 99311
Quatieri, T.F., Dunn, R.B., Hanna, T.E. Time-scale modification of complex acoustic signals 75780
Quatieri, T.F., Jankowski, C.R., Jr., Reynolds, D.A. Energy onset times for speaker identification 95320
Quatieri, T.F. *see* Dunn, R.B. 84231
Quatieri, T.F. *see* McAulay, R.J. 84063
Quattroni, G. *see* Bonzi, P. 87331
Quattroni, G. *see* Sberveglieri, G. 98150
Quayle, M., Chi-Lai Huang Complex operator synthesis 91759
Quazza, S. *see* Salza, P.L. 64339
Que, Y.K. *see* Bai, J.Z. 53324
Que Duanlin, Chen Xiuzhi, Xu Dongliang Surface recombination correction formula for measuring minority carrier lifetime in silicon crystals by monochromatic light photoconductive decay 92928
Que Lianyuan, Ye Shixun, Ding Jianming On-line load forecasting based on the platform of open SCADA/EMS system 53722
Que Long *see* Long Que
Que-Do, V. *see* Lavoie, M. 88955
Queen, C.S. Euclidean-like characterizations of Dedekind, Krull, and factorial domains 61097
Queeney, T. *see* Woods, E. 77776
Queffelec, P., Gelin, P., Gieraltowski, J., Loaec, J. A microstrip device for the broad band simultaneous measurement of complex permeability and permittivity 76180
Queffeulou, P. *see* Le Meur, D. 77379
Quegan, S. A unified algorithm for phase and cross-talk calibration of polarimetric data—theory and observations 59595
Queirolo, G. *see* Polignano, M.L. 55542
Queiroz, A.C.M.de *see* de Queiroz, A.C.M.
Queiroz, I.de Souza, Jr. *see* de Souza Queiroz, I., Jr.
Queiroz, R.L.de *see* de Queiroz, R.L.
Queiroz Junior, I.S. *see* de Brito, A.C.R. 83790
Queisser, H.J. *see* Kolodinski, S. 78831
Queisser, H.J. *see* Werner, J.H. 69013
Quek, D., Yuvarajan, S. Control and protection circuit drives variable power factor MCT converter 91901
Quek, D. *see* Yuvarajan, S. 62730
Quelle, H.-C., Delignon, Y., Marzouki, A. Unsupervised Bayesian segmentation of SAR images using the Pearson system distributions 77500
Queluz, P. *see* Vandendorpe, L. 74314
Quemada, J. *see* Acuna, C. 65389
Quemerais, A., Khelladi, K.H., Lemoine, D., Granger, R., Triboulet, R. Angle resolved X-ray photoelectron spectroscopy of the surface of $Hg_{0.85}Zn_{0.15}Te$ and after passivation processes 62498
Quen Tserng Hua *see* Hua Quen Tserng
Quenby, J.J. *see* Spooner, N.J.C. 59151
Quentin, P. *see* Blanck, H. 80768
Quentin, P. *see* Blanck, H. 80818
Quer, S. *see* Cabodi, G. 49271
Quer, S. *see* Cabodi, G. 91723
Quer, S. *see* Cabodi, G. 92032
Quercia, L. *see* Menna, P. 91546
Quere, M. The 'convention CIFRE': a successful French incentive scheme for the management of human resources in research activity 69468
Quere, R., NGoya, E., Teyssier, J.P., Rousset, J., Obregon, J. Semiconductor modelling for harmonic balance simulation 81765
Quere, R. *see* Portilla, J. 81987
Quere, R. *see* Suarez, A. 55433
Quere, R. *see* Teyssier, J.P. 49653
Querido, D.M. *see* Mortin, D.E. 54622
Quernheim, U. *see* Jolfaei, M.A. 96242
Querol, M. A single-chip MPEG/H261 decodifier 80352
Quesada, M.A. *see* Mathies, R.A. 53384
Quesada, X. *see* Kuhn, W.S. 69942
Quesada, X. *see* Qu'Hen, B. 70020
Quesnel, D.J. *see* Pratt, R.E. 49029
Quesnel, L. *see* Freedman, P. 79214
Quessette, F. *see* Fourneau, J.-M. 74670
Qu'Hen, B., Quesada, X., Kuhn, W.S., Bouree, J.E., Svob, L., Lusson, A., Gorochov, O. Growth of MgTe and $Zn_{1-x}Mg_xTe$ thin films by metalorganic vapour phase epitaxy 70020
Qu'Hen, B. *see* Dumont, H. 48923
Qu'Hen, B. *see* Kuhn, W.S. 69942
Qui, H.-H., Sommerfeld, M., Durst, F. Two novel Doppler signal detection methods for laser Doppler and phase Doppler anemometry 66762
Qui Junlin High power industrial CO_2 laser of a new generation 82948
Qui Zhi-Ren *see* Zhi-Ren Qui
Quianzhi Zhou, Pinhua Zhu Switch-linearity (CTA) conversion technique based on optimal waveform criterion 100378
Quick, C. *see* Kruger, D. 69973
Quick, C.R. *see* Eichinger, W.E. 77343
Quick, D.D., Blau, J., Wong, R.K., Colson, W.B. Phase space simulations of the Novosibirsk/SELENE FEL 83190

Quiggle, G. Making the most of your copper investment 86035
Quigley, R.E.J. More Electric Aircraft 59518
Quiles, M.A. *see* Gonzalez, M.A. 98737
Quilez, V. The role of DECT in the subscriber loop 52036
Quilfen, Y. ERS-1 scatterometer off-line products: calibration/validation results and case studies 67817
Quilty, W. *see* Solberg, V. 90996
Quimby, R.S., Miniscalco, W.J., Thompson, B. Quantitative characterization of clustering in erbium-doped silica glass fibers 56716
Quinby, R.. III Instrument selection improves phase-noise measurement 65888
Quinchon, L. *see* Nekhoul, B. 89188
Quinlan, D. *see* Mii, Y. 71677
Quinlan, D. *see* Taur, Y. 62851
Quinlan, J. *see* Byrne, D. 54449
Quinlan, K.P., Rai, A.K., Wittberg, T.N. Study of the oxidation of n-InP with low carrier concentrations in the negative potential region 55733
Quinlan, P. *see* Reyhani, H. 80400
Quinlan, S. *see* Thornton, K.E.B. 50846
Quinn, A. A consistent, numerically efficient Bayesian framework for combining the selection, detection and estimation tasks in model-based signal processing 84399
Quinn, B.G. Estimating frequency by interpolation using Fourier coefficients 64446
Quinn, B.G. *see* Clarkson, V. 84358
Quinn, C.A., Mohan, N., Mehta, H. A four-wire, current-controlled converter provides harmonic neutralization in three-phase, four-wire systems 59707
Quinn, D.E. *see* Sherman, S.J. 66304
Quinn, L.J., Wu, Y., Montgomery, J.H., Mitchell, S.J.N., Armstrong, B.M., Gamble, H.S. A radiant heated reactor with multistep process capability 93429
Quinn, P.D., Clarke, J.A., Dykes, D.M., Hill, S.F., Hughes, E.A., McIntosh, P.A., Martlew, B.G., Poole, M.W., Rawlinson, W.R., Smith, R.J., Smith, S.L., Suller, V.P., Welbourne, L.A. Commissioning of new orbit control and diagnostic facilities on the SRS at Daresbury 98464
Quinn, P.D. *see* Clarke, J.A. 87809
Quinn, P.D. *see* Poole, M.W. 67245
Quinn, P.D. *see* Welbourne, L.A. 87820
Quinn, R.B. *see* Shell, J.S. 58370
Quinn, T.J. News from the BIPM 66099
Quinn, T.J. Results of recent international comparisons of measurement standards carried out by the BIPM 66100
Quinn, V.W. Calculation and measurement of power dissipation and energy storage in a high frequency planar transformer 68690
Quinn, W.E. *see* Parsons, C.A. 81938
Quinn Li *see* Rimoldi, B. 73593
Quinnell, R.A. ATM networking 52084
Quinnell, R.A. Ignore packaging effects at your peril 60977
Quinnell, R.A. Isolated innovation marks movement toward miniature magnetics 70958
Quinnell, R.A. Blending gate arrays with dedicated circuits sweetens ASIC development 80262
Quinnell, R.A. Synchronous memories 80346
Quinones de la Guia, C. *see* Alvarez Barcia, L. 80127
Quinquis, A., Collet, C. Noisy phenomenon in motion estimation 57793
Quinquis, A. *see* Collet, C. 67802
Quintana, J.A. *see* Boj, P.G. 56939
Quintana, J.A. *see* Ivancic, W.D. 75366
Quintana, J.M., Avedillo, M.J., Rueda, A. Hazard-free edge-triggered D flipflop based on threshold gates 80229
Quintana, J.M. *see* Avedillo, M.J. 70398
Quintana, M.A., King, D.L., Cannon, J.E., Woodworth, J.R., Boyson, W.E., Adams, N.P., Ellibee, D.E. Recent advances in outdoor performance evaluation of PV systems 100719
Quintana, V.H., Vargas, L. Voltage stability as affected by discrete changes in the topology of power networks 77807
Quintana, V.H. *see* Temraz, H.K. 99451
Quintana, V.H. *see* Vargas, L. 77885
Quintana, V.H. *see* Zambroni de Souza, A.C. 99495
Quintana, Y. *see* Kamel, M. 70226
Quintard, V. *see* Claeys, W. 60949
Quintard, V. *see* Claeys, W. 79311
Quintard, V. *see* Claeys, W. 80968
Quintas, A.R., Carvalho, A.S., Araujo, A.S., Martins, A.P., Oliviera, J.A. COPSE—a new high performance controller for drying and oil filling of distribution power transformers 100207
Quintas, J. *see* Legras, J.C. 66753
Quintero, P. *see* Joshi, N.V. 61359
Quinton, P. *see* Bezan, C. 80297
Quinton, P. *see* Frison, P. 80356
Quinton, S. *see* Brawn, I. 98678
Quinton, S. *see* Brawn, I.P. 98657
Quinton, S. *see* Eisenhandler, E. 59183
Quinton, S.P.H. *see* Galagedera, S.B. 88240
Quinton, S.P.H. *see* Galagedera, S.B. 98670
Quinton, S.P.H. *see* Morgado, C.J.S. 88239
Quinton, S.P.H. *see* Morgado, C.J.S. 98581
Quirke, T.M., Yung, H.M., Darnell, M., Gallagher, M. In-band multi-user transmission schemes for HF communications 97027
Quiroga, J.A., Bernabeu, E. Phase-unwrapping algorithm for noisy phase-map processing 95977
Quiros, J.G.Bernaldo de *see* Bernaldo de Quiros, J.G.
Quisquater, J.-J. *see* Delos, O. 73639
Quist, L. *see* Apel, T. 86222
Qun, W. *see* Labranche, B. 56682
Qun Lu *see* Angell, C.A. 90346
Qun Mi *see* Sturm, J.C. 63554
Qun Shen, Henderson, C., Keeffe, M., Marston, M., Finkelstein, K.D., Batterman, B.W. Design of beam line components for the high power wiggler beam line at CHESS 87757
Qun Shen *see* Doing, P. 87738
Qun Wang *see* Wang Qun
Qun Wu *see* Wu Qun
Qun Xiang *see* Xiang Qun
Qun Zhang *see* Zhang Qun
Qun-Feng Xiao *see* Xiao Qun-Feng
Qunell, D. *see* Dinkel, J. 67192
Qunfei Zhang, Jianguo Huang, Yiqing Xie High resolution delay estimation 84475
Qunshan Gu, Swamy, M.N.S. On the design of a broad class of 2-D recursive digital filters with fan, diamond and elliptically-symmetric responses 92382
Qunsheng Peng *see* Zhilu Li 88376
Quoc, T.T., Fandino, J., Pierrat, L., Sabonnadiere, J.C., Vu, H. Fast calculation of load to be shed based on voltage criterion 89067
Quoc, T.T., Fandino, J., Pierrat, L., Sabonnadiere, J.C., Vu, H. New method for calculation of load shedding to avoid risks of voltage collapse 89068
Quoc Anh Ho *see* Anh Ho Quoc
Quoirin, J.B. *see* Laurent, B. 81379
Quon, D., Gopi, P.K., Sonek, G.J., Li, G.P. Hot carrier induced bipolar transistor degradation due to base dopant compensation by hydrogen: theory and experiment 93327
Quon, D.S., Sonek, G.J., Li, G.P. 1/f noise characterization of base current and emitter interfacial oxide breakup in n-p-n polyemitter bipolar transistors 93336
Quon, D.S. *see* Chao, E.Y. 93457
Qureshi, I.E. *see* Manzoor, S. 88163
Qureshi, I.E. *see* Shahzad, M.I. 88167
Qureshi, M.I. *see* Al-Arainy, A.A. 50124
Qureshi, T.Q. *see* Tassou, S.A. 90679
Qutaishat, S. *see* Davidsson, P. 98546
Qutaishat, S. *see* Delsing, P. 53072

R., C.Sindhu *see* Sindhu R., C.
Ra, J.B. *see* Chun, K.W. 64832
Ra, J.B. *see* Chun, K.W. 95656
Ra, K.H. *see* Han, S.Y. 97421
Ra, K.H. *see* Ko, Y.M. 70859
Ra Jung-Woong *see* Jung-Woong Ra
Ra Keuk Hwan *see* Keuk Hwan Ra
Ra Yunju *see* Yunju Ra
Raab, D. AC drives up quality, speed production on scroll sheeting line 60640
Raab, E.L., Pierrat, C., Fields, C.H., Kostelak, R.L., Oldham, W.G., Vaidya, S. Analyzing deep-UV lens aberrations using aerial image and latent image metrologies 71503
Raab, E.L. *see* Cirelli, R.A. 71492
Raab, F.H., Rupp, D.J. Class-S high efficiency amplitude modulator 55165
Raab, F.H., Rupp, D.J. High-efficiency single-sideband HF/VHF transmitter based upon envelope elimination and restoration 97014
Raab, H. Failure information for digital field instruments with analogue output: standardization of the signal level 75845
Raab, M., Quast, T. Two-color Brillouin ring laser gyro with gyro-compassing capability 98020
Raab, R.E., Cloete, J.H. An eigenvalue theory of circular birefringence and dichroism in a non-magnetic chiral medium 83631
Raab, W. *see* Ramacher, U. 49600
Raabe, C., Teichmann, B., Will, D. Erbium-doped fibre amplifiers: Their use in systems in the synchronous digital hierarchy 83034
Raabe, P. *see* Franzke, B. 76402
Raabe, U. *see* Becker, K. 96477
Raad, C.C. *see* Padgett, M.L. 85094
Raaijmakers, I.J. Low temperature metalorganic chemical vapor deposition of advanced barrier layers for the microelectronics industry 70108
Raak, G.I., Kelly, C.P.J. Built-in self-test and calibration for a scanning analog-to-digital converter 92307
Raasch, D., Reck, J., Mathieu, C., Hillebrands, B. Exchange stiffness constant and wall energy density of amorphous GdTb-FeCo thin films 82245
Raasch, D. *see* Hansen, P. 63210
Raashid, M. *see* Naqvi, A.A. 87961
Rabach, G. *see* Bianco, L. 54014
Rabaey, J. *see* Potkonjak, M. 70601
Rabaey, J. *see* Potkonjak, M. 91811
Rabaey, J.M., Potkonjak, M. Estimating implementation bounds for real time DSP application specific circuits 55312
Rabaey, J.M. *see* Kapadia, A.A. 70752
Rabaey, J.M. *see* Shan-Hsi Huang 49555
Rabaey, J.M. *see* Verbauwhede, I.M. 91787
Rabal, H., Pomarico, J., Arizaga, R. Light-in-flight digital holography display 73135
Rabal, H. *see* Arizaga, R. 73136
Rabal, H. *see* Colombo, E. 51628
Rabalais, J.W. *see* Al-Bayati, A.H. 79961
Rabalais, J.W. *see* Sung, M.M. 87893
Rabalais, J.W. *see* Wang, Y. 91444
Raban, G.W., Jr. *see* Schwartz, J. 63278
Rabatel, G. Harvesting the fruits of vision [machine vision] 85144
Rabbany, S.Y. *see* Golden, J.P. 76900
Rabbel, M. *see* Jankowsky, A. 85925
Rabbouch, F., Manesse, G. Dimension of active filter associated with a dimmer and a bridge rectifier 90122
Rabe, S. *see* Bozler, C.O. 62041
Rabedeau, T.A. *see* Farrow, R.F.C. 91514
Rabi, R. *see* Petr, D.W. 85245
Rabidoux, P. *see* Sturtevant, J. 71515
Rabie, T.F. *see* Paranjape, R.B. 57661
Rabiee, H.R., Kashyap, R.L. GMLOS: a new robust nonlinear filter for image processing applications 95956
Rabii, O. *see* Harari, J. 72610
Rabiner, L.R. *see* Chin-Hui Lee 57412
Rabinovich, D. *see* Hava, S. 82679
Rabinovich, R.O. Transition maps guide successful asynchronous state-machine design 61681
Rabinovich, W.S. *see* Bowman, S.R. 72452
Rabinovich, W.S. *see* Kyono, C.S. 50579
Rabinovich, Y. *see* Linial, N. 54675
Rabinovici, R. *see* Miller, T.J.E. 54037
Rabinowicz, E. *see* Bor-Jenq Wang 61991
Rabinowitz, P., Vertesi, P. Hermite-Fejer-related interpolation and product integration 69821
Rabiul Islam, M., Neff, J., Chelakara, R., Dupuis, R.D. MOCVD growth and characterization of AlGaP/GaP/InGaP/GaP strained-layer single quantum wells 54965
Rabone, N.H. *see* Mellis, J. 86524
Rabotnov, N.S. *see* Murogov, V.M. 89539
Rabou, N.A., Ikeda, H., Yoshida, H. Optical fiber two way FM video signal transmission for video conferencing applications 96824
Rabson, A. *see* Huang, C.H.-J. 71894
Rabson, T.A. *see* Huang, C.H.-J. 56163
Rabson, T.A. *see* Huang, C.H.-J. 82678
Rabson, T.A. *see* Huang, C.H.-J. 93808
Raby, P. *see* Daly, P. 65727
Raby, P. *see* Kinloch, D.R. 88100
Raby, P. *see* Kinloch, D.R. 98626
Racanelli, M. *see* Bor-Yuan Hwang 93642
Racanelli, M. *see* Foerstner, J. 93462
Racanelli, M. *see* Huang, W.M. 93629
Racanelli, M. *see* Huang, W.M. 93676
Racaud, T. *see* Assis-Arantes, P. 97186
Racek, V. Current and voltage circumstances in DC pulse converter supplied from a source with great inductance 90189
Racette, P. *see* Wang, J.R. 77399
Racette, P. *see* Wang, J.R. 77407
Rachamreddy, K. *see* Embabi, S.H.K. 61650
Rachek, I.A. *see* Theunissen, J.A.P. 87981
Rachet, F. *see* Henry, A. 63818
Rachev, V., Unbehauen, H. Self-tuning control of fast time-varying systems applied to a turbo-generator set 89789
Rachinhas, P.J.B.M., Dias, T.H.V.T., Santos, F.P., Stauffer, A.D., Conde, C.A.N. Monte Carlo simulation of xenon filled cylindrical proportional counters 88059
Rachinhas, P.J.B.M., Dias, T.H.V.T., Santos, F.P., Stauffer, A.D., Conde, C.A.N. Monte Carlo simulation of xenon filled cylindrical proportional counters 98605
Rachkov, A.E., Rozhko, M.I., Sergeyeva, T.A., Piletsky, S.A. Method and apparatus for the detection of the binding reaction of immunoglobulins 67441
Rachkovskij, D.A. *see* Kussul, E.M. 83973
Racine, G.-A., Luthier, R., de Rooij, N.F. Hybrid ultrasonic micromachined motors 60264
Racine, G.-A., Luthier, R., de Rooij, N.F. Piezoelectric position sensor for ultrasonic EFM motors 66213
Racine, R. *see* Houde, M. 57627
Raciti, A. *see* Consoli, A. 54164
Raciti, A. *see* Consoli, A. 100840
Raciti, A. *see* Musumeci, S. 61531
Racko, J. *see* Hromcova, J. 70943
Rackov, P.M. *see* Lvovsky, Y.M. 82451
Raczkowski, D.B. *see* Blinov, B.B. 87861
Raczkowski, R.T. *see* Chartier, V.L. 89317
Rada, J. Electrode water heating 69222
Radaelli, A. *see* Benelli, G. 65646
Radaideh, S.M. *see* Ahmed, N.U. 64536
Radamson, H.H. *see* Sardela, M.R., Jr. 62397
Radamson, H.H. *see* Sardela, M.R., Jr. 62398
Radautsan, S.I., Tiginyanu, I.M. Defect engineering in $II\text{-}III_2\text{-}VI_4$ and related compounds 62401

Radautsan, S.I., Tiginyanu, I.M., Pyshnaya, N.B., Ursaki, V.V. Photoluminescence and conductivity compensation effects in fast-electron irradiated InP epilayers 62168
Radchenko, A.A. *see* Amosov, A.F. 99952
Radchik, A.T. *see* Dolinsky, A.V. 87852
Radchikova, N.P., Repeko, A.P. Belarus in the international communication society 85379
Radcliff, R. *see* Cooper, R.M. 59423
Radcliffe, S. *see* Worboys, M.R. 66623
Rade, L. A consecutive k-out-of-n reliability system in random environment 54575
Radeka, V., Rescia, S., Manfredi, P.F., Speziali, V., Svelto, F. Low noise, high radiation hardness front-end circuits based upon an upgraded JFET monolithic process 67380
Radeka, V. *see* Benary, O. 53327
Radeka, V. *see* Benary, O. 98517
Radeka, V. *see* Benary, O. 98640
Radeka, V. *see* Citterio, M. 71724
Radeka, V. *see* Gingrich, D. 53291
Radeka, V. *see* Yu, B. 59122
Radelaar, S. *see* Bakker, S.J.M. 63294
Rademakers, L.W.M.M. *see* Seebregts, A.J. 89774
Rader, D.J., Geller, A.S. Particle transport modelling in semiconductor process environments 71398
Radermacher, E. *see* Arefiev, A. 88007
Radermacher, E. *see* Gasparini, F. 53303
Radermacher, E. *see* Moers, T. 67364
Radeva, P.I. A rule-based approach to hand X-ray image segmentation 98808
Radford, C.J. *see* Smith, R.W.M. 66157
Radford, D. *see* Mak, S.T. 68197
Radford, D.C. The new detailed spectroscopy of high-spin states 88139
Radford, G.P., Morganstern, B.F., McMickle, C.W., Lehr, J.K. The impact of four conferencing formats on the efficiency and quality of small group decision making in a laboratory experiment setting 85911
Radha Krishna, C. *see* Krishna Rao, M.V. 89253
Radhakrishnan, K., Yoon, S.F., Gopalakrishnan, R., Tan, K.L. Indium desorption from strained InGaAs/GaAs quantum wells grown by molecular beam epitaxy 91491
Radhakrishnan, K. *see* Han, Z.Y. 71099
Radhakrishnan, K. *see* Han, Z.Y. 81303
Radhakrishnan, K. *see* Zhang, D.H. 91490
Radhakrishnan, P. *see* Philip, A. 73042
Radhakrishnan, P. *see* Rajasree, K. 76012
Radhakrishnan Pillai, S., Allen, G.H. Higher order complementary filters 95397
Radharkrishnan, G. Excimer laser ablation of contaminated polyimide [packaging] 60955
Radhwan, A.M. Wind energy applications in remote areas of Saudi Arabia 78521
Radic, S., George, N. Ultrafast pulse propagation in periodic optical media: a generalized finite-difference time-domain approach 72371
Radic, S. *see* Agrawal, G.P. 86366
Radice, J.T., Cairns, W.R. The Prince William Sound automated dependent surveillance system 66001
Radice, T., Wilson, R. Standards for maritime DGPS reference stations and integrity monitors 58512
Radicic, W.N. *see* Lenoe, E.M. 88551
Radigan, S. *see* Helm, M. 71799
Radigan, S. *see* Ting, W. 81563
Radik, S.V. *see* Faddeev, I.P. 53937
Radin, A.M. *see* Skryabin, D.V. 83210
Radionova, M.V. *see* Rybin, A.I. 49111
Radisson, P. *see* Zenatti, D. 91530
Radke, G.E., Jr., Evanoff, J. A fast recursive algorithm to compute the probability of M-out-of-N events 54621
Radke, J., Ferguson, D. Synthetic vision system flight test results and issues 77173
Radl, B.J., Roland, W.B., Jr. Beta testing of a neural network based process optimization system 78421
Radmanesh, M.M., Barakat, N.A. State of the art S-band resistive FET mixer design 80723
Radmer, D.T. *see* Dodroe, S.J. 89099
Radnai, J.M. Broadcasting coverage in Hungary—situation report on a former East-bloc country 97570
Radnoczi, G. *see* Pecz, B. 81356
Rado, B. *see* Feng Lin 78988
Radosevic, Z. *see* Zutobradic, S. 90308
Radovanov, S. *see* Anderson, H.M. 81481
Radovic, B. *see* Rajakovic, N. 68270
Radparvar, M. A niobium nitride-based analog to digital converter using rapid single flux quantum logic operating at 9.5 K 70687
Radparvar, M. A wide dynamic range single-chip SQUID magnetometer 75907
Radrizzani, L. *see* Lamantia, A. 55124
Radtake, K.A. The AT&T 5ESS hardware design environment: a large systems's hardware design process 96917
Radtke, J. *see* Sibley, C. 60308
Radtke, U. *see* Bayer, W. 59835
Radu, A. *see* Martin, D. 68709
Radugina, Yu.E. *see* Kryukov, V.V. 56996
Radulescu, L. *see* Berindean, V. 69164
Radulescu, M.M., Biro, K., Viorel, I.A., Iancu, V. Torque control of rectangular-fed brushless permanent magnet motors for electric vehicle propulsion 54196
Radulovic, Z., Sabanovic, A. Active filter control using a sliding mode approach 99552
Radun, A. Generating with the switched reluctance motor 68568
Radunovic, D., Radunovic, J. Numerical simulation of two-valley semiconductor device model based on an ENO shock capturing algorithm 71562
Radunovic, D. *see* Radunovic, J. 70880
Radunovic, J., Radunovic, D. Current response of N^+-N-N^+ structure made of a two-valley semiconductor 70880
Radunovic, J. *see* Radunovic, D. 71562
Radusewicz, P. *see* Ogitsu, T. 87687
Radusewicz, P. *see* Wanderer, P. 82422
Radwin, R.G., One-Jang Jeng, Gisske, E.T. A new automated tactility test instrument for evaluating hand sensory function 76880
Radzewicz, C. *see* Pearson, G.W. 73111
Radzimski, Z. *see* Kirk, H.R. 62324
Radzimski, Z.J. *see* Kimball, J.F. 93248
Radzimski, Z.J. *see* Yokoyama, S. 55810
Radziszewski, J.P. *see* Creamer, P.M. 52657
Radzivilyuk, V.A. *see* Peka, H.P. 49807
Radzykewycz, D.T., Jr. *see* Miller, H.C. 94339
Rae, G.W. Waste to energy: the new frontier? 68409
Rae, J.W. *see* Thapar, H.K. 50333
Rae, S.C. *see* Le Blanc, S.P. 83282
Rae Duk Lee, Han Jun Kim International comparison of standard capacitors in Asia/Pacific metrology programme 86951
Rae Duk Lee *see* Kyu-Tae Kim 86849
Rae Duk Lee *see* Se Il Park 86850
Rae Duk Lee *see* Sung-Won Kwon 75831
Rae Hong Park *see* Gi Hun Lee 64868
Rae Hong Park *see* Hong Kyu Chung 92776
Rae Lee Byeong *see* Byeong Rae Lee
Rae Ro Jeong *see* Jeong Rae Ro
Rae-Hong Park *see* Dong Kyu Sim 74394
Rae-Hong Park *see* Gi Hun Lee 86663
Rae-Hong Park *see* Hong Kyu Chung 70975
Rae-Hong Park *see* Kim, D.H. 64742
Rae-Hong Park *see* Meer, P. 51666
Rae-Hong Park *see* Min Seok Kang 74399
Rae-Hong Park *see* Park, D.J. 57870
Rae-Hong Park *see* Tae Kyoon Kim 74449
Rae-Hong Park *see* Young Kug Ham 74251
Raeburn, C. *see* Faruqi, A.R. 87293
Raedt, H.De *see* De Raedt, H.
Raedy, S. *see* Gutierrez, M. 83498
Raefsky, A. *see* Aluru, N.R. 50038
Raetzel, C. *see* Illek, S. 94525
Raev, M.D. *see* Bulatov, N.G. 77466
Raevskii, I.P. *see* Bokov, A.A. 49685
Rafaelli, C. ATM replicated banyan switches under bursty traffic: A simulation study 85981
Rafaelli, G. *see* Alippi, A. 72380
Rafailov, E.U. *see* Berishev, I.E. 72793
Rafailov, E.U. *see* Boroditskii, M.L. 50814
Rafailov, E.U. *see* Boroditskii, M.L. 54967
Rafailov, E.U. *see* Garbuzov, D.Z. 50813
Rafajlowicz, E., Skubalska-Rafajlowicz, E. FFT in calculating nonparametric regression estimate based on trigonometric series 48894
Rafajlowicz, E. *see* Pawlak, N. 95584
Rafai, R.B. *see* Cretella, J.P. 59341
Rafalko, J.J. *see* Borzo, M. 81668
Rafesthain, T. *see* Tou, M. 68864
Raffa, M., Zollo, G. Sources of innovation and professionals in small innovative firms 69471
Raffaele, S. *see* Attanaiese, C. 54223
Raffaelli, C. *see* Casoni, M. 86017
Raffaelli, F. *see* Amidei, D. 98639
Raffaelli, M. *see* Flament, O. 70769
Raffaj, V., Hribik, J. Fast measurement of the exponential signal limiting value 66093
Raffel, J.I. *see* Cohen, S.S. 55239
Rafferty, C.S., Vuong, H.-H., Eshraghi, S.A., Giles, M.D., Pinto, M.R., Hillenius, S.J. Explanation of reverse short channel effect by defect gradients 93397
Rafferty, C.S. *see* Gossmann, H.-J. 81422
Rafferty, C.S. *see* Pinto, M.R. 63041
Rafferty, C.S. *see* Pinto, M.R. 93548
Rafferty, W., Slobln, S.D., Steizried, C.T., Sue, M.K. Ground antennas in NASA's deep space telecommunications 58365
Raffetto, M. *see* Caorsi, S. 70831
Raffetto, M. *see* Caorsi, S. 73272
Raffle, Y., Kuszelewicz, R., Azoulay, R., Le Roux, G., Michel, J.C., Dugrand, L., Toussaere, E. In-situ thickness measurement of MOVPE grown GaAs-GaAlAs by laser reflectometry 91454
Raffler, H., Schneider-Hufschmidt, M., Kuhme, T. System ergonomics and human-computer interaction at SIEMENS Corporate Research and Development 64343
Raffo, C. *see* Conti, M. 59206
Raffo, L., Sabatini, S.P., Indiveri, G., Nateri, G., Bisio, G.M. A memory-based recurrent neural architecture for chip emulating cortical visual processing 80538
Raffo, R. *see* Angelini, F. 98520
Raffone, G. *see* Bassetti, M. 76544
Raffy, J. *see* Brignon, A. 63959
Rafie, M.R., Soo Kwam Eo (π/4)-DQPSK spread spectrum performance analysis in the frequency-selective fading channel 75213
Rafik, T. *see* Griffiths, H.D. 97465
Rafikov, R.A. *see* Larionov, N.P. 83372
Rafiq, O. *see* Saleh, K. 74746
Rafiq Omar *see* Omar Rafiq
Ragaini, E. *see* Sarango, M.F. 77420
Ragan, K. *see* Stairs, G. 76839
Ragan, R.M. *see* Gervin, J.C. 77692
Ragay, F.W. *see* Chen, X.Y. 49919
Ragdale, C.M., Reid, T.J., Reid, D.C.J., Carter, A.C. Integrated three channel laser and optical multiplexer for narrowband wavelength division multiplexing 56591
Rageh, M.S.I. *see* Soliman, F.A.S. 77187
Raghavan, E.S. *see* Karivaratha Rajan, P. 72542
Raghavan, K.R. *see* Wakefield, G.H. 84538
Raghavan, R., Vivekanandan, J. Retrieval of storm microphysics using K_a band radar observations 77387
Raghavan, R. *see* Simon, B.H. 99888
Raghavan, R. *see* Zrnic, D.S. 53539
Raghavan, R.S. *see* McLaughlin, D.J. 86545
Raghavan, S. *see* Jung, C. 50247
Raghavan, S. *see* Srihari, K. 90941
Raghavan, S.V., Sriram, R. Example implementation of name services using X.500 directory 74809
Raghavan, V., Pattipati, K.R., Bar-Shalom, Y. Efficient square-root algorithms for PDA, IMM and IMMPDA filters 73992
Raghavan, V., Wadatsumi, K., Masumoto, S. SMILES: a Fortran-77 program for sequential machine interpreted lineament extraction using satellite images 77248
Raghavendra Prasad, B. *see* Gopalakrishnan, J. 73117
Raghu Sastry *see* Ranganathan, N. 95728
Raghunath Rao, K., Ben-Arie, J. Nonorthogonal image expansion related to optimal template matching in complex images 51667
Raghunathan, A., Jha, N.K. Behavioral synthesis for low power 93603
Raghunathan, A. *see* Martel, C. 92181
Raghunathan, R. *see* Narayan, J. 61424
Raghuveer, M.R. *see* Liying Huang 53821
Ragione, L.Della *see* Della Ragione, L.
Ragland, R.J. *see* Dimolitsas, S. 85617
Rago, C., Willett, P., Bar-Shalom, Y. A low communication rate scheme for distributed detection 51544
Rago, C., Willett, P., Bar-Shalom, Y. Practical considerations in censored distributed detection systems 57511
Ragot, J. *see* Kratz, F. 69627
Ragsdale, K. *see* Hoffner, J.E. 99990
Raguenet, G. *see* Tatard, M. 57293
Raguotis, P. *see* Tselik, V. 57296
Rah Seung Yu *see* Seung Yu Rah
Rahal-Arabi, T., Suarez-Gartner, R., Pomerleau, R. Optimization and sensitivity analysis of multiconductor transmission line networks 80979
Rahali, F., Ansermet, S., Ardalan, J., Otter, D. Low-cost integrated silicon sensors for industrial applications 82059
Rahali, F., Ansermet, S., Ardalan, J., Otter, D. Low-cost integrated silicon sensors for industrial applications 87161
Rahardjo, E.T. *see* Yamazaki, M. 95041
Rahat, I., Shappir, J. Electron trapping in oxynitride layers in metal-oxide-semiconductor structures 81372
Rahder, C. *see* Kahle, H. 60088
Rahdishnan, J. *see* El-Sherif, M.A. 52930
Raheem, G.A. *see* Fahmy, M.F. 49544
Raheli, R. *see* Ching-Kae Tzou 75307
Rahhal-Arabi, A., Mautz, J.R., Harrington, R.F. On the treatment of the second partial derivative of the integral of the Green's function 73218
Rahikainen, A. Radio planning's growing importance 96272
Rahim, M.G. A self-learning neural tree network for recognition of speech features 73812
Rahim, M.G. *see* Assaleh, K.T. 84117
Rahim, R. *see* Konrad, A. 73409
Rahim, Y.H.A. *see* Alyan, M.A.A.S. 89841
Rahko, K. *see* Jian Ma 85260
Rahkonen, T. *see* Ericsson, G. 99550
Rahkonen, T.E. *see* Makynen, A.J. 66683
Rahm, A. *see* Miura-Mattausch, M. 91824
Rahm, D. *see* Benary, O. 53327
Rahm, D. *see* Benary, O. 98517
Rahm, D. *see* Benary, O. 98640
Rahm, D. *see* Gingrich, D. 53291
Rahman, A., Kralj, D., Carin, L., Melloch, M.R., Woodall, J.M. Photoconductively switched antennas for measuring target resonances 51241
Rahman, B.M.A. Finite element modeling of optical guided wave devices 82669
Rahman, B.M.A., Buah, P.A., Grattan, K.T.V. Analysis of surface plasmons in evanescent wave fibre-optic sensors using the finite element method 87234
Rahman, B.M.A., Wongcharoen, T., Grattan, K.T.V. Finite element analysis of nonsynchronous directional couplers 64185
Rahman, B.M.A. *see* Buah, P.A. 63940
Rahman, B.M.A. *see* Themistos, C. 51198
Rahman, B.M.A. *see* Wongcharoen, T. 82632

Rahman, B.M.A. *see* Yucai Liu 82576
Rahman, B.M.A. *see* Yucai Liu 87233
Rahman, B.S., Lieu, D.K. Optimization of magnetic pole geometry for field harmonic control in electric motors 54038
Rahman, K.M., Nguyen, C. Spectral domain analysis of eigenmodes in a shielded multilayer coplanar waveguide for microwave and millimeter-wave integrated circuits 80737
Rahman, K.M., Nguyen, C. Frequency dependent analysis of shielded asymmetric coplanar waveguide step discontinuity 83796
Rahman, L., Winful, H.G. Nonlinear dynamics of semiconductor laser arrays: a mean field model 72859
Rahman, M. *see* Narkiewicz, J.D. 85800
Rahman, M.A. Modern electric motors in electronic world 90570
Rahman, M.A., Elhakeem, A.K. Throughput analysis of the acquisitionless spread spectrum system in multiaccess and tone jamming environments 58294
Rahman, M.A., Ping Zhou Field-based analysis for permanent magnet motors 89792
Rahman, M.A. *see* Chan, T.W. 68327
Rahman, M.A. *see* Chiba, A. 60216
Rahman, M.A. *see* Chiba, A. 68561
Rahman, M.A. *see* Chowdhury, A.H. 100270
Rahman, M.A. *see* Zhou, P. 78607
Rahman, M.Azizur *see* Azizur Rahman, M.
Rahman, M.D., Dammel, R., Durham, D. Rearrangement of novolak resins 81669
Rahman, M.D., Ping Lu, Khadim, M., Kokinda, E., Aubin, D. Novolak-polyhydroxystyrene copolymer and photoresist compositions 81666
Rahman, M.D. *see* Dammel, R.R. 81658
Rahman, M.F. *see* Cheung, N.C. 94750
Rahman, M.H., Al-Saie, A.M., Beynon, J. Electrical conductivity and Hall effect in Cu-GeO_2 thin cermet films 70174
Rahman, M.H. *see* Deveaux, M.J. 96212
Rahman, M.H. *see* Fliesser, R.J. 96918
Rahman, M.H. *see* Fliesser, R.J. 96926
Rahman, M.M., Yang, C.Y. Undergraduate microelectronics education 54396
Rahman, M.M. *see* Gupta, A. 49869
Rahman, M.S., Gupta, R.P. Characterization of distributions by moment relations 69702
Rahman, Q.I., Schmeisser, G. A quadrature formula for entire functions of exponential type 69859
Rahman, S., Bouzguenda, M. A model to determine the degree of penetration and energy cost of large scale utility interactive photovoltaic systems 78510
Rahman, S., de Castro, A. A framework for incorporating environmental factors into the utility planning process 60030
Rahman, S., de Castro, A., Teklu, Y. Evaluating the impact of solar-assisted appliances in demand-side management 59832
Rahman, S. *see* Broadwater, R.P. 68297
Rahman, S. *see* Thompson, J.C. 68295
Rahman, S.M. *see* Jian Li 95986
Rahman, Z.-U. *see* Huck, F.O. 85463
Rahmani, A.T., Ono, N. A genetic algorithm for channel routing problem 55033
Rahmani, H. *see* von Apeldoorn, G. 88116
Rahmat-Samii, Y. *see* Jensen, M.A. 51233
Rahmat-Samii, Y. *see* Jensen, M.A. 75317
Rahmati, M., Hassebrook, L.G. Intensity- and distortion-invariant pattern recognition with complex linear morphology 51673
Rahmatian, F., Jaeger, N.A.F. An integrated optics sensor for high-voltage measurement applications 97937
Rahmatian, F. *see* Jaeger, N.A.F. 52831
Rahmatian, F. *see* Jaeger, N.A.F. 94151
Rahmatullah *see* Vishwakarma, S.R. 55720
Rahn, A. How come vapor phased boards are cleaner? 92726
Rahn, J., Geller, D., Golden, D., Grillo, A., Sadrozinski, H.F.-W. Testing the yield of an amplifier-discriminator chip fabricated in Tektronix SHPi 98693
Rahn, J. *see* Barberis, E. 59063
Rahn, J. *see* Barberis, E. 67376
Rahn, J. *see* Barberis, E. 88104
Rahn, J. *see* Barberis, E. 98609
Rahn, J. *see* Cartiglia, N. 71769
Rahn, J. *see* Unno, Y. 98558
Rahn, J. *see* v. Egan-Krieger, G. 87624
Rahn, L.A., Brown, M.S. Polarization properties of degenerate four-wave mixing in flame OH 83275
Rahn, S. *see* Schmiedeskamp, B. 56504
Rahnavard, M.H., Abiri, H., Sarmadi, H., Bakhtazad, A. Optimization of first order trapezoidal gratings used in DFB and DBR lasers 50907
Rahnavard, M.H. *see* Honarvar, V. 62110
Rahrooh, A. *see* Asinugo, C. 61802
Rahyer, A. *see* Abiven, J. 52540
Rai, A.K. *see* Prokes, S.M. 91493
Rai, A.K. *see* Quinlan, K.P. 55733
Rai, C.S. *see* Vishvakarma, B.R. 73351
Rai, G. *see* Hauger, A. 55872
Rai, R.K. *see* Pandya, K.R. 51100
Rai, S. A direct approach to obtain tighter bounds for large fault trees with repeated events 54630
Rai, V.N., Shukla, M. A high-voltage pulser circuit with subnanosecond rise time 61600
Raia, G. *see* Ciavola, G. 53165
Raicu, A. *see* Kleiss, G. 100539
Raicu, D. Multiterminal distributed resistors as microwave attenuators 70929
Raida, Z. Improvement of convergence properties of Wang neural network 92451
Raidy, T. *see* Webb, P.G. 67529
Raifel, M., Flomen, F.A. Split Burg and covariance lattice algorithms 64450
Raifu, A.W. *see* Markos, S. 69551
Raihn, K. *see* Fenzi, N. 92489
Raihn, K.F. *see* Fenzi, N.O. 80648
Raikh, M. *see* Wei, X. 72632
Raikh, M.E., Pikus, F.G. Anomalous length dependence of the conductance of a 2D channel near the threshold 71229
Railton, C.J. The efficient analysis of cylindrical resonators using a modified FDTD method 49632
Railton, C.J. *see* Craddock, I.J. 83818
Railton, C.J. *see* Ma, L. 54260
Railton, C.J. *see* Meade, S.A. 80742
Railton, C.J. *see* Paul, D.-L. 73465
Railton, C.J. *see* Pothecary, N.M. 98806
Raimbault, F. *see* Frison, P. 80356
Raimond, P. *see* Charra, F. 56912
Raimond, P. *see* Geffroy, B. 70944
Raimondi, P., Emma, P.J., Toge, N., Walker, N.J., Ziemann, V. Sigma matrix reconstruction in the SLC final focus 66867
Raimondi, P., Emma, P.J., Toge, N., WAlker, N.J., Ziemann, V. Beam based alignment of the SLC final focus superconducting final triplets 66868
Raimondi, P. *see* Adolphsen, C. 76537
Raimondi, P. *see* Emma, P. 66874
Rain, P., Lesaint, O. Prebreakdown phenomena in mineral oil under step and ac voltage in large-gap divergent fields 82170
Raina, J.P. *see* Joshi, M. 72778
Raina, J.P. *see* Sivaram, B.M. 72779
Raine, C. *see* Beaumont, S.P. 88037
Raine, D., III *see* Pourang, R. 55527
Rainen, R.A. *see* Bruegge, C.J. 63539
Rainer, M.M. *see* Naumenko, E.D. 76289
Raineri, S. *see* van der Harst, H. 85933
Raineri, V. *see* Galvagno, G. 81430
Rainey, D. *see* Hilker, S. 92127
Rainforth, W.M. *see* Al-Khafaji, M.A. 82260
Rainish, D., Perl, J.M., Elazar, O., Leshetz, Y., Ranon, Z., Paiss, O. Baseband processor for the Japan Digital Cellular 75300
Rainton, D. *see* Ohkura, K. 73849
Rainville, P.J. *see* Mittleman, S.D. 95029
Rais, K., Balestra, F., Ghibaudo, G. On the high electric field mobility behavior in Si MOSFET's from room to liquid helium temperature 93485
Rais, K., Ghibaudo, G., Balestra, F., Dutoit, M. Study of saturation velocity overshoot in deep submicron silicon MOSFETS from liquid helium up to room temperature 62802
Raisanen, A. Frequency multipliers for submillimeter wavelengths 80702
Raisanen, A. *see* Nyfors, E. 87170
Raisanen, A. *see* Piironen, P. 86645
Raisanen, A.V., Dengler, R.J., Mehdi, I., Oswald, J.E., Choudhury, D., Siegel, P.H. Subharmonic mixer with planar Schottky diodes in a novel split-block at 200-240 GHz 80706
Raisanen, A.V. *see* Choudhury, D. 49961
Raisanen, A.V. *see* Choudhury, D. 55392
Raisanen, A.V. *see* Choudhury, D. 80705
Raisanen, A.V. *see* Jie Xu 55369
Raissi, F., Nordman, J.E. Josephson fluxonic diode 82397
Raita, T. *see* Bookstein, A. 57887
Raita-Aho, T., Saramaki, T., Vainio, O. A digital filter chip for ECG signal processing 88489
Raiten, E. *see* Gilbert, G. 65870
Raith, K. *see* Isaksson, M. 97113
Raithel, G. *see* Benson, O. 56599
Raitt, W.J. *see* Aguero, V. 88632
Raizer, A. A 3D autoadaptive mesh generator for magnetostatic and magnetodynamic problems 83484
Raj, V. *see* Vashi, M. 49460
Raj Yalamanchili *see* Yen-Chu Wang 72275
Raja, M.Y.A. *see* Feldman, M.R. 79321
Raja, P., Hernandez, J. An efficient encoder for distributed real-time applications 58129
Raja, P., Ulloa, G. Priority polling and dynamic time-window mechanisms in a multicycle Fieldbus 58131
Raja, P., Vijayananda, K., Decotignie, J.D. Polling algorithms and their properties for Fieldbus networks 85831
Raja, P. *see* Decotignie, J.-D. 85830
Rajaei, H. *see* Ronngren, R. 74960
Rajagopal, A.K. *see* Buot, F.A. 55628
Rajagopal, N., Quaicoe, J.E. Harmonic analysis of three-phase AC/DC converters using the harmonic admittance method 100359
Rajagopalan, S. Plasma focussing of the Final Focus Test Beam 87881
Rajagopalan, S. *see* Avery, R.E. 59123
Rajagopalan, S. *see* Avery, R.E. 59132
Rajagopalan, S. *see* Barletta, B. 76636
Rajagopalan, S. *see* Magotra, N. 98954
Rajagopalan, V. *see* Pittet, A. 90044
Rajagopalan, V. *see* Simard, R. 80094
Rajagopalan, V. *see* Sudha, S.A. 89949
Rajagopalan, V. *see* Tou, M. 68864
Rajagopalan, V. *see* Tou, M. 90142
Rajagopalan, V. *see* Tou, M. 90145
Rajakovic, N., Radovic, B. Effect of thermal load of high-voltage overhead lines on control actions in real time 68270
Rajakovic, N. *see* Kralj, B. 78392
Rajala, S.A. *see* Abdelqader, I.M. 84989
Rajala, S.A. *see* Van Dyck, R.E. 57711
Rajala, S.A. *see* Van Dyck, R.E. 84845
Rajamani, R. *see* Rashid, E. 92286
Rajan, B.Sundar *see* Sundar Rajan, B.
Rajan, J.J., Rayner, P.J.W. Time series classification using the Volterra connectionist model and Bayes decision theory 69693
Rajan, K. *see* Arya, R.R. 90414
Rajan, K. *see* Arya, R.R. 100522
Rajan, K. *see* Bennett, M. 100531
Rajan, K. *see* Bhatkal, R.M. 91467
Rajan, K.G. *see* Lakshmanan, A.R. 98793
Rajan, P.Karivaratha *see* Karivaratha Rajan, P.
Rajan, S.D. *see* Siew-Wei Chin 54536
Rajan, V.T. *see* Mayya, N. 74598
Rajanathan, C.B., Cooper, G.A. Steady-state characteristics of a shaded-pole motor by finite element analysis 54021
Rajanathan, C.B. *see* Hu, G. 100430
Rajaonah, J.-C., Dousse, B., Meister, J.-J. Compensation of the bias caused by the wall filter on the mean Doppler frequency 95510
Rajapakshe, R., Shalev, S. Noise analysis in real-time portal imaging. I. Quantization noise 88539
Rajaram, S.R. *see* Chan, H.A. 60927
Rajasekaran, P.K. *see* Kao, Y.-H. 84051
Rajasekharan, K. *see* Sutherland, J. 94310
Rajashekara, K. History of electric vehicles in General Motors 69123
Rajashekara, K. History of electric vehicles in General Motors 78938
Rajashimha, M.A. A perspective on multimedia technology 74794
Rajasree, K., Vidyalal, V., Radhakrishnan, P., Nampoori, V.P.N., Vallabhan, C.P.G. Optical-fiber-based position-sensitive detector for thermo-optic deflection studies 76012
Rajavel, D., Conte, A., Summers, C.J. Pyrolysis characteristics of iodine precursors for gas source n-type doping of II-VI compounds 61305
Rajavel, D., Zinck, J.J., Jensen, J.E. Metalorganic molecular beam epitaxial growth kinetics and doping studies of (001) ZnSe 61284
Rajbenbach, H. *see* Breugnot, S. 73061
Raje, M. *see* Raman Suri, C. 98137
Raje, P. *see* Keh-Jeng Chang 71431
Raje, S. *see* Jun Dong Cho 48703
Rajendran, S. *see* Yegnanarayana, B. 73778
Rajesh, R. *see* Cody, J.G. 56751
Rajeshwar, K. *see* Lin, W.-Y. 81546
Rajeswaran, S., Jones, W.F., Byars, L.G., Young, J., Williams, C.W., Andreaco, M., Hume, S.P., Lammartsma, A.A., Jones, T. Physical characteristics of a small diameter positron emission tomograph 59291
Rajeswari, M. *see* Bhattacharya, S. 66358
Rajgopal, R. *see* Hsindao Lu 92233
Rajhi, A. *see* Baba, K. 87468
Raji, T.I. *see* McCarthy, D.K. 83666
Rajic, F. Automation and control culture of power plants and processes 89408
Rajicic, D., Ackovski, R., Taleski, R. Voltage correction power flow 68210
Rajkamal *see* Sodha, M.S. 73051
Rajkovic, M., Riznic, J.R., Ishii, M. Spatio-temporal complexities and chaos in a two-phase flashing flow 89515
Rajkumar, K.C., Madhukar, A., Chen, P., Konkar, A., Chen, L., Rammohan, K., Rich, D.H. Realization of three-dimensionally confined structures via one-step in situ molecular beam epitaxy on appropriately patterned GaAs(111)B and GaAs(001) 54843
Rajkumar, T.M. *see* Domet, J.J., III 75045
Rajkumar, V., Mohler, R.R. Adaptive nonlinear series capacitor controller for power system transient stability 59854
Rajkumar, V., Mohler, R.R. Bilinear adaptive controller for multimachine power system stability 68105
Rajkumar, V., Mohler, R.R. Nonlinear self-tuning control of a flexible AC transmission system 89194
Rajkumar, V., Zhu, W., Mohler, R.R., Spee, R., Mittelstadt, W.A., Maratukulam, D. A bilinear self-tuning controller for multimachine transient stability 89000
Rajkumar, V. *see* Zhu, W. 77859
Rajpal, S., Shu Lin Product coded modulation 73682
Rajpal, S. *see* Shu Lin 73615
Rajsbaum, S. *see* Garofalakis, J. 65040
Rajski, J. *see* El-Maleh, A. 49368
Rajski, J. *see* Gupta, S. 92148
Rajsuman, R. A new testing method for EEPLA 61673
Rajsuman, R. *see* Vasko, D.A. 52065

Raju, A.R., Rao, C.N.R. MoO_3/TiO_2 and Bi_2MoO_6 as ammonia sensors 98152
Raju, B.Bangar *see* Bangar Raju, B.
Raju, D.V.S. *see* Krishna Murthy, T.G. 88340
Raju, G.R.G. *see* Jianfen Liu 63068
Raju, G.R.G. *see* Jianfen Liu 63069
Raju, G.S.N., Doradla, S.R. A novel LCL resonant converter with PWM control—analysis, simulation, and implementation 61540
Raju, G.S.N. *see* Gutti, C.S. 71091
Raju, G.S.N. *see* Sridevi, P.V. 73478
Raju, J., Dwivedi, K.K. Fusion-fission of ^{238}U and ^{209}Bi in different SSNTDs 88164
Raju, J., Dwivedi, K.K. V_T (track etch rate): reflection of total energy-loss rate (dE/dx) for ^{238}U in CR-39 88196
Raju, J. *see* Dwivedi, K.K. 88160
Raju, P.K. *see* Vaidya, U.K. 70194
Raju, P.S.V.S.K. *see* Venkateswarlu, N.B. 88752
Raju, R.S. *see* Kumar, L. 71052
Raju, V.Veera *see* Veera Raju, V.
Raju Viswanathan, R. The number of direct attractors in discrete state neural networks 49611
Rak, S.M. *see* Kolchenko, A.V. 61976
Rakcheyeva, T.A. Analysis of data rhythms by means of cognitive graphics 67570
Rakennus, K. *see* Lammasniemi, J. 100517
Rakhimov, A.T. *see* Polushkin, V.M. 69936
Rakhmanov, A.L. *see* Bunikov, N.A. 82462
Rakhmanov, A.L. *see* Buznikov, N.A. 82308
Rakhmanov, A.N., Shmalhausen, V.I. Optical memory array device based on the phenomenon of optical transversal autosolitons 72294
Rakic, M.V., Markovic, Z.M. Short term operation and power exchange planning of hydro-thermal power systems 59881
Rakoczy, D. *see* Dabrowski, W. 98521
Rakouth, H. EMC management—the approach of an automotive manufacturer 51123
Rakov, I.D. *see* Lekhovitskii, D.I. 51475
Rakov, V.A., Uman, M.A. Origin of lightning electric field signatures showing two return-stroke waveforms separated in time by a millisecond or less 57036
Rakowsky, G., Cover, R., Solomon, L. Magnetic performance of the NSLS Prototype Small-Gap Undulator 63260
Rakshani, V.J. *see* Nagaraj, K. 70782
Rakshit, S. *see* Greenspan, H. 84799
Rakuljic, G.A. *see* Leyva, V. 73173
Ralchenko, V.G. *see* Konov, V.I. 64042
Ralea, M. *see* Rosui, N. 83390
Raleigh, C., Giesler, J. Judging no-clean pastes 81028
Ralenius, T. *see* Nieuwenhuis, L.J.M. 96841
Ralescu, A. *see* Miyajima, K. 51637
Ralescu, A. *see* Miyajima, K. 84911
Ralescu, A. *see* Miyajima, K. 95891
Rall, B., Sammet, W. How to reduce noise in automotive systems 69167
Rallison, R.D. *see* Dickson, L.D. 83357
Ralph, J.F., Spiller, T.P., Clark, T.D., Prance, R.J., Prance, H. The nonlinear dynamics of a linear classical oscillator coupled to a macroscopic quantum object 93967
Ralston, C.Y. *see* Patel, R.S. 79324
Ralston, J. *see* Braunstein, M. 75566
Ralston, J. *see* Gilbert, G. 75563
Ralston, J.D., Weisser, S., Eisele, K., Sah, R.E., Larkins, E.C., Rosenzweig, J., Fleissner, J., Bender, K. Low-bias-current direct modulation up to 33 GHz in InGaAs/GaAs/AlGaAs pseudomorphic MQW ridge-waveguide lasers 83163
Ralston, J.D. *see* Bacumler, M. 81243
Ralston, J.D. *see* Flemig, G.W. 79865
Ralston, J.D. *see* Larkins, E.C. 52840
Ralston, J.D. *see* Schneider, H. 72876
Ralston, J.D. *see* Schonfelder, A. 50857
Ralston, J.D. *see* Schonfelder, A. 83087
Ralston, J.D. *see* Weisser, S. 63859
Ralston, J.D. *see* Weisser, S. 63863
Ralston, J.D. *see* Weisser, S. 72916
Ralston, J.D. *see* Weisser, S. 94517
Ralston, P. *see* Wright, A. 54569
Ram, B. *see* Vishwakarma, D.N. 99750
Ram, R.J., York, R.A. Parametric oscillation in nonlinear dipole arrays 51259
Ram, R.J. *see* Yang, L. 55693
Ram, R.J. *see* York, R.A. 61890
Ram, S. *see* Claude, E. 50182
Ram-Mohan, L.R. *see* Lew Yan Voon, L.C. 72803
Rama, J.C. Supplemental guidelines for use with API Standard 541 when specifying motors for use with adjustable speed drives 60646
Rama Murthy, N., Swamy, M.N.S. On the real-time computation of DFT and DCT through systolic architectures 55304
Rama Rao, P.V.S., Sriram, P., Jayachandran, P.T., Prasad, D.S.V.V.D. Equatorial and low latitude ionospheric phenomena as observed from the multi-station scintillation studies 83678
Ramabadran, T.V., Lueck, C.D. Complexity reduction of CELP speech coders through the use of phase information 51415
Ramabadran, T.V., Sinha, D. Speech data compression through sparse coding of innovations 51391
Ramabadran, U.B., McPherson, A.L., Zelmon, D.E. Optical properties of deuterated zinc tris thiourea sulphate 83261
Ramachandraiah, G. *see* Rao, N.N. 78833
Ramachandran, A. *see* Rodriguez, F. 81652
Ramachandran, C., Kurdahi, F.J. Incorporating the controller effects during register transfer level synthesis 49230
Ramachandran, C. *see* Chen, Y. 49270
Ramachandran, L. *see* Gajski, D.D. 92000
Ramachandran, N. *see* Baugher, C.R. 77108
Ramachandran, R. *see* Woo, C. 80811
Ramachandran, R.P. *see* Sunder, S. 57560
Ramachandran, S. *see* Carrigan, R.A., Jr. 59039
Ramachandran, S. *see* McClung, L.B. 55452
Ramachandran, S. *see* McClung, L.B. 80945
Ramachandran, S. *see* Sherali, H.D. 48821
Ramachandran, T.V. *see* Jojo, P.J. 98653
Ramachandran, V. *see* Chawla, R. 68545
Ramachandran, V. *see* Pai, K.R. 49528
Ramachandran, V. *see* Sunder, S. 84370
Ramachandran, V.R. *see* Yegnanarayana, B. 73778
Ramacher, K. *see* Vaughan, R. 62113
Ramacher, U., Raab, W., Anlauf, J., Hachmann, U., Beichter, J., Bruls, N., Wesseling, M., Sicheneder, E., Manner, R., Glass, J., Wurz, A. Multiprocessor and memory architecture of the neurocomputer SYNAPSE-1 49600
Ramacher, U., Schildberg, P. Recent developments in neurodynamics and their impact on the design of neuro-chips 49598
Ramadan, M.R.I. *see* Hassan, G.E. 61378
Ramadan, M.R.I. *see* Hassan, G.E. 69005
Ramadhyani, S. *see* Incropera, F.P. 79420
Ramadhyani, S. *see* Incropera, F.P. 79421
Ramadhyani, S. *see* Womac, D.J. 69572
Ramadurai, B. *see* Nance, J.L. 60358
Ramaiah, R. Energy-saving high pressure sodium lamp 90634
Ramakrishna, K., Lo, J.C., Guo, Y. An assessment of mechanical reliability of a die-bonded chip package during chip encapsulation and accelerated thermal cycling 91042
Ramakrishna, K. *see* Subbarayan, G. 91020
Ramakrishna, P. *see* Krishnan, R. 90497
Ramakrishna Rao, M., Shachidevi, T.K. Optimisation of synchronous generator parameters with reference to transient conditions 89860
Ramakrishnan, E. *see* Kryger, R.A. 76754
Ramakrishnan, K.K. *see* Chran-Ham Chang 85707
Ramakrisnan, S. *see* Pestien, V. 65273
Ramalho, M.A.S.N., Curtis, K.M. Integrating parallel edge detection schemes using neural network arbitration 74539
Ramalho, M.F., Scharf, E. Fuzzy logic based techniques for connection admission control in ATM networks 65160
Ramalingam, C.S. *see* Kumaresan, R. 84147
Ramalingam, C.S. *see* Kumaresan, R. 95315
Ramalingam, M.L. *see* Tsao, B.H. 92642
Ramamohana Rao, B., Srinivas, C.V., Reddy, G.R.C. Performance evaluation of Hamming filter in coherent imagery of edge objects 51705
Ramamoorthy, P.A. *see* Pace, P.E. 70691
Ramamoorty, M. Electric power: a government priority 59892
Ramamoorty, M. *see* Guruprasad, K.P. 90227
Ramamoorty, M. *see* Nandakumar, V.N. 68571
Ramamoorty, M. *see* Nandi, S. 68203
Ramamoorty, M. *see* Shivakumara Aradhya, R.S. 53816
Ramamurthi, B. *see* Thomas, M. 58305
Ramamurthi, R.K. Self-learning fuzzy logic system for in situ, in-process diagnostics of mass flow controller (MFC) 55686
Ramamurthi, V. Application of elliptic functions for the analysis of power system transient stability 99437
Ramamurthi, V., Sudhakar, D.V. An adaptive forced action excitation controller for large synchronous generators in a power system 89105
Ramamurthy, G., Dighe, R.S. Performance analysis of multilevel congestion controls in BISDN 65422
Ramamurthy, S. *see* Borella, M. 50653
Ramamurthy, S. *see* Mukherjee, B. 65096
Ramamurthy, V.S. *see* Banerjee, A. 98484
Ramamurti, V., Rao, S.S., Gandhi, P.P. Neural detectors for signals in non-Gaussian noise 74109
Raman, N. *see* Piramuthu, S. 62017
Raman, R., Grossmann, I.E. Modelling and computational techniques for logic based integer programming 54694
Raman, R. *see* Vaijapurkar, S.G. 99027
Raman, S., Liu, C.L., Jones, L.G. A delay driven FPGA placement algorithm 92007
Raman, S. *see* Mall, R. 70247
Raman, V., Tang, W.T. Environment dependent stiction and durability in hydrogenated carbon overcoated thin film disks 50277
Raman Suri, C., Raje, M., Mishra, G.C. Determination of immunoglobulin M concentration by piezoelectric crystal immunobiosensor coated with protamine 98137
Ramana, K.V.V., Indira Devi, M., Madhusudhana Rao, D.N., Somayaji, T.S.N., Aruna Mani, T. Effect of NO transport on radio wave absorption 51101
Ramanachalam, M.S. *see* Rohatgi, A. 100612
Ramanachalam, R. *see* Rohatgi, A. 81202
Ramanan, A.V., Jordan, H.F., Sauer, J.R., Blumenthal, D.J. An extended fiber-optic backplane for multiprocessors 52132
Ramanan, S.V. *see* Jordan, H.F. 82874
Ramanathan, G. *see* Khera, D. 62954
Ramanathan, J., Topiwala, P. Time-frequency localization and the spectrogram 64399
Ramanathan, K., Dhere, R.G., Coutts, T.J., Chu, T.L., Chu, S. CdS/CdTe thin film solar cells on low cost substrates 100503
Ramanathan, K. *see* Dhere, R.G. 79881
Ramanathan, K. *see* Keyes, B. 90437
Ramanathan, P., Dupont, A.J., Shin, K.G. Clock distribution in general VLSI circuits 61495
Ramanathan, R., Ganesh, L.S. A multi-objective evaluation of decentralized electricity generation options available to urban households 78253
Ramanathan, S., Vin, H.M., Rangan, P.V. Towards personalized multimedia dial-up services 65150
Ramanathan, S. *see* SampathKumar, S. 85465
Ramani, G.V., Agrawal, D.C. Stabilization of the perovskite phase and dielectric properties in $Pb(Zn_{1/3}Nb_{2/3})O_3$-$Pb(Fe_{1/2}Nb_{1/2})O_3$ relaxor ferroelectrics 71848
Ramani, K. *see* Venkatesh, Y.V. 95471
Ramani, K.R., Ehsani, M. New commutation methods in switched reluctance motors based on active phase vectors 100102
Ramani, R. *see* Jaeger, R.C. 58730
Ramaromisa, V. *see* Machmoun, M. 89953
Ramasamy, P. *see* Gopalakrishnan, R. 48895
Ramasamy, P. *see* Jothilingam, R. 79866
Ramasamy, P. *see* Qhalid Fareed, R.S. 48947
Ramasamy, P. *see* Ravi, G. 48911
Ramaswami, R., Sivarajan, K.N. A packet-switched multihop lightwave network using subcarrier and wavelength division multiplexing 52614
Ramaswami, R., Sivarajan, K.N. Optimal routing and wavelength assignment in all-optical networks 65771
Ramaswami, R. *see* Enns, M. 68292
Ramaswami, R. *see* Sivarajan, K.N. 58003
Ramaswami, S. *see* Huang, W.M. 93676
Ramaswami, V. *see* Hou, V.T. 51825
Ramaswamy, A. *see* Mikhael, W.B. 74333
Ramaswamy, D. *see* Lu, S.C.H. 79273
Ramaswamy, K., Destler, W.W., Segalov, Z., Rodgers, J. Characterization of electron beams generated in a high-voltage pulse-line-driven pseudospark discharge 59033
Ramaswamy, K. *see* Destler, W.W. 66801
Ramaswamy, P., Riese, M., Edwards, R.M., Lee, K.Y. Two approaches for automating the tuning process of fuzzy logic controllers [PWR application] 89527
Ramaswamy, R.V. *see* Thyagarajan, K. 63469
Ramaswamy, S. *see* Abramo, A. 81195
Ramaswamy, S. *see* AlShaykh, O.K. 51632
Ramaswamy, S. *see* Mallary, M.L. 50343
Ramazza, P.L. *see* Ciamberlini, C. 52959
Rambal, S. *see* Lo Seen, D. 67898
Rambaldi, S. *see* Bazzani, A. 66923
Rambaud, P. *see* Audaire, L. 87186
Ramberg, E.J. *see* Kierstead, J.A. 59085
Ramberg, M.J. Considerations for test partition during the manufacturing cycle 81014
Rambidi, N.G., Maximychev, A.V., Usatov, A.V. Molecular image-processing devices based on chemical reaction systems. I. General principles for implementation 55490
Rambidi, N.G., Maximychev, A.V., Usatov, A.V. Molecular image-processing devices based on chemical reaction systems. II. Implementation of Blum-type algorithms 62030
Rambo, A. *see* Andry, P. 62798
Ramchandran, K., Ortega, A., Vetterli, M. Bit allocation for dependent quantization with applications to multiresolution and MPEG video coders 84767
Ramchandran, K., Ortega, A., Vetterli, M. Bit allocation for dependent quantization with applications to MPEG video coders 85029
Ramchandran, K., Vetterli, M. Syntax-constrained encoder optimization using adaptive quantization thresholding for JPEG/MPEG coders 57889
Ramchandran, K., Vetterli, M. Rate-distortion optimal fast thresholding with complete JPEG/MPEG decoder compatibility 84779
Ramchandran, K. *see* Herley, C. 84255
Ramchandran, K. *see* Orchard, M.T. 57905
Ramchandran, K. *see* Zixiang Xiong 95958
Ramdane, A. *see* Souli, N. 97233
Ramdani, J. *see* He, Y. 79842
Ramdas, V., Sridhar, V., Krishna, G. An effective clustering technique for feature extraction 84830
Ramesh, A., Murray, N.V. Computing prime implicants/implicates for regular logics 55233
Ramesh, M., Dee, R.H., Franzel, K.S. Dependence of Barkhausen noise on film parameters in shielded MR heads 50339
Ramesh, N., Srinivasan, K. Model of third-order susceptibilities for the Kerr effect in wide-bandgap crystals 73040

Ramesh, R., Lee, J., Sands, T., Keramidas, V.G., Auciello, O. Oriented ferroelectric La-Sr-Co-O/Pb-La-Zr-Ti-O/La-Sr-Co-O heterostructures on [001] $Pt/SiO_2/Si$ substrates using a bismuth titanate template layer 55660
Ramesh, R. *see* Lee, J. 71856
Ramesh, V., Haralick, R.M., Xining Zhang, Nadadur, D.C., Thornton, K. Automatic selection of tuning parameters for feature extraction sequences 74604
Ramesh, V.C. *see* Talukdar, S. 53627
Ramesh, V.C. *see* Talukdar, S. 77953
Rameshan, R. *see* Bekker, T.L. 62064
Ramey, D.A. *see* McKinney, D.L. 55286
Ramey, D.G., Nelson, R.J., Bian, J., Lemak, T.A. Use of facts power flow controllers to enhance transmission transfer limits 78058
Ramfelt, L. *see* Bohm, C. 96228
Ramian, G. *see* Allen, S.J. 71163
Ramiarinjaona, C.L. *see* Groniecki, P. 63162
Ramio, J. *see* Bertran, M. 70615
Ramirez, A.P. *see* Glarum, S.H. 50394
Ramirez, C.N. *see* Barker, R.W. 58626
Ramirez, D. *see* Dede, E.J. 60337
Ramirez, E., Vaishampayan, V. Sub-band coding of images with quadtree-guided recursive polynomial decomposition 85056
Ramirez, E. *see* Arellano, J. 68383
Ramirez, G. *see* Tepichin, E. 85147
Ramirez, G. *see* Thomas, M.G. 67234
Ramirez, J. *see* Darnauer, J. 71007
Ramirez, J.A., Freeman, E.M., Lowther, D.A. Application of sensitivity analysis to the calculation of electromagnetic field quantities 51027
Ramirez, J.G. *see* Cantell, B.S. 48994
Ramirez, J.M. *see* Baez-Lopez, D. 55322
Ramirez, M.A., Alens, N. Singular-vector-excited linear predictive (SVELP) speech coding 73897
Ramirez, M.A., Alens, N. Singular-vector-excited linear predictive speech coder 95259
Ramirez-Angulo, J. Wide range gain programmable class AB linear current mirrors for low supply operation 91910
Ramirez-Angulo, J., Badruzzaman, S., Coronado, J. Low voltage BiCMOS membership function circuit for analog VLSI fuzzy control implementation 70790
Ramirez-Angulo, J., Sanchez-Sinencio, E. High frequency compensated current-mode ladder filters using multiple output OTAs 92359
Ramirez-Angulo, J., Sanchez-Sinencio, E., Howe, M. Large f_0Q second order filters using multiple output OTAs 92360
Ramirez-Rosado, I.J., Adams, R.N., Gonen, T. Computer-aided design of power-distribution systems: multiobjective mathematical simulations 53737
Ramisse, D. *see* Vie, M. 71549
Ramjee, R., Kurose, J., Towsley, D., Schulzrinne, H. Adaptive playout mechanisms for packetized audio applications in wide-area networks 65277
Ramkumar, B., Banerjee, P. ProperCAD: A portable object-oriented parallel environment for VLSI CAD 61478
Ramkumar, B. *see* De, K. 49241
Ramkumar, B. *see* Kim, S. 55039
Ramkumar, K. *see* Cleeves, M. 71433
RamKumar, K. *see* Price, D.T. 54398
Ramkumar, K. *see* Ting, W. 81563
Ramm, E. *see* Reitinger, R. 54705
Ramm, J., Beck, E., Dommann, A., Eisele, I., Kruger, D. Low temperature epitaxial growth by molecular beam epitaxy on hydrogen-plasma-cleaned silicon wafers 61314
Ramm, J. *see* Hansch, W. 61239
Rammal, M. *see* Alaeddine, A. 57283
Ramme, F., Kremer, K. Scheduling a metacomputer by an implicit voting system 85714
Rammohan, K. *see* Goldman, R.S. 81229
Rammohan, K. *see* Rajkumar, K.C. 54843
Rammsayer, T. *see* Hackstein, N. 88479
Ramogida, G. *see* Scacco, A. 72581
Ramon, J.L. *see* Garcia-Sanchez, A. 73919
Ramoni, P. *see* Jeannot, D. 61983
Ramos, A., Castellanos, A. Equilibrium shapes and bifurcation of captive dielectric drops subjected to electric fields 64054
Ramos, A. *see* Ullate, L.G. 88894
Ramos, C. Contracting resources for manufacturing tasks 85839
Ramos, C. *see* Carracedo, J. 96781
Ramos, J. *see* Chiang, L.E. 79312
Ramos, J.C. *see* Cuevas, A. 100476
Ramos, J.I., Villatoro, F.R. Forces on solitons in finite, nonlinear, planar waveguides 56856
Ramos, J.I., Villatoro, F.R. Classical forces on solitons in finite and infinite nonlinear planar waveguides 94944
Ramos, J.I. *see* Molina-Fernandez, I. 73401
Ramos, J.R., Marani, A., Cavallini, A., Loggini, M. A simplified harmonic simulation procedure 67999
Ramos, M., Verrier, I., Reglat, M., Sass, P., Goure, J.P. Study of a butt-joint coupling between a single-mode optical fiber and a channel waveguide on glass at 1.3 μm 94169
Ramos, R. *see* Cotta, R.M. 79428
Ramos, R.Covarrubias *see* Covarrubias Ramos, R.
Ramos, R.E., Sorensen, S.A., Aghvami, A.H. Service provision, operator network requirements and dimensioning for a new point-to-multipoint millimetric radio network 52342
Ramos, R.T., Chabran, C. Optical fibre microwave distribution using injection locked DFB semiconductor lasers 52607
Ramos, R.T. *see* Bordonalli, A.C. 52608
Ramos, S. *see* Badier, J. 87982
Ramos Niembro, G., Diaz Acosta, R., Rodriguez Munoz, M., Rodriguez Ortiz, G., Covarrubias Ramos, R., Vargas, N., E., Zapata, G., J.A., Saucedo, F., R. Mathematical model and computer system to evaluate the Daylight Saving Time in Mexico: preliminary results 77971
Ramos-Garcia, R. *see* Troth, R.C. 73021
Ramovic, R. *see* Sasic, R. 93481
Rampal, V.V. *see* Tyagi, R.K. 73041
Rampersad, H.R. *see* Miller, J.H., Jr. 72225
Rampersad, H.R. *see* Miller, J.H., Jr. 93939
Rampon, J.-X. *see* Jard, C. 65076
Ramponi, G. *see* Russo, F. 75934
Ramponi, G. *see* Russo, F. 84644
Ramsamoedj, R. *see* Mohlmann, G.R. 82880
Ramsay, A.C.A., Sbresny, H. Some studies of an error estimator based on a patch recovery scheme. Part II. An error estimator based on the patch recovery scheme 79739
Ramsay, B. *see* Hasan, K. 89145
Ramsay, B. *see* Hasan, K. 89146
Ramsay, C.S., Sutherland, K., Renshaw, D., Denyer, P.B. A comparison of vector quantization codebook generation algorithms applied to automatic face recognition 84671
Ramsay, M. *see* Paterson, J. 69151
Ramsay, R.E. *see* Slater, J.D. 53432
Ramsdale, P.A. Personal communications in the UK-implementation of PCN using DCS 1800 65632
Ramsden, D. *see* Bird, A.J. 59118
Ramsden, D. *see* Bird, A.J. 88093
Ramsden, D. *see* Carter, T. 88047
Ramsden, D. *see* He, Z. 59225
Ramsden, D. *see* He, Z. 59301
Ramsden, E. Measuring magnetic fields with flux-gate sensors 98275
Ramsden, J.J. *see* Saini, S. 63444
Ramsden, S.A. *see* Key, M.H. 50731
Ramsden, V.S. *see* Zhu, J.G. 53024
Ramseier, G. *see* Arnaudon, L. 66851
Ramseier, S. Bandwidth-efficient correlative trellis-coded modulation schemes 57332
Ramseier, S. LAN interconnection by satellite—key achievements and technical challenges 97190
Ramseier, S., Schlegel, G. Bandwidth and power efficiencies of trellis coded modulation schemes 83990
Ramsey, G.H. *see* Lawless, P.A. 68784
Ramsey, M.W. *see* Stewart, W.R. 76971
Ramsey, R.D. *see* Bissonette, J.A. 96590
Ramshaw, R.S. *see* Allan, J.D. 89754
Ramshaw, R.S. *see* Yao, Y. 78852
Ramshaw, R.S. *see* Yao, Y. 90126
Ramsingh, A. *see* Li, J.S.J. 96116
Ramstad, T.A., Lepsoy, S. Block-based attractor coding: potential and comparison to vector quantization 95970
Ramstad, T.A., Saltnes, E., Aase, S.O. Practical nonunitary filter banks for subband coding of images 92397
Ramstad, T.A. *see* Aase, S.O. 85053
Ramstad, T.A. *see* Lepsoy, S. 85019
Ramstock, K., Leibl, T., Hubert, A. Optimizing stray field computations in finite-element micromagnetics 71942
Ramu, M.C.Subba *see* Subba Ramu, M.C.
Ramunno, G. *see* Dusi, W. 88041
Ramus, C. *see* Gibassier, C. 75396
Ran, L. *see* Smith, K.S. 60506
Ran, L. *see* Smith, K.S. 77805
Ran, X. *see* Farvardin, N. 85033
Ran, Z.M. *see* Xu, L.A. 66770
Ran Kim Mi *see* Mi Ran Kim
Ran Li *see* Lan Qinghua 89110
Ran Shucheng, Kong Fanyi, Li Jiusheng Resolver-to-digit converter based on amplitude-detecting principle 100154
Ran Shucheng, Li Jiusheng, Jiang Chengguo Minimization of torque ripple in BDCM drives using harmonics elimination technique 90555
Ran Shuping *see* Shuping Ran
Ran Tao *see* Tao Ran
Ran-Hong Yan *see* Horng-Dar Lin 91764
Ran-Hong Yan *see* Razavi, B. 70330
Ran-Hong Yan *see* Razavi, B. 92125
Rana, S. *see* Sodha, M.S. 78352
Rana, S.S. *see* Sen, A.K. 59547
Rana, V. *see* Uritsky, Y. 93231
Ranade, A. *see* Varma, V.K. 86646
Ranade, S. *see* Rashid, E. 92286
Ranade, S.J., Jordan, J.B., Puente, H.R., Dorris, J.A. Electronic vision detects defects 78132
Ranai Kisenchand *see* Kisenchand Ranai
Ranalli, E., Lee, H.P. Demonstration of a fibre-optic tapped delay line spectrometer 58809
Ranalli, E. *see* Lee, H.P. 54951
Ranawake, U.A., Huster, C., Lenders, P.M., Goodnick, S.M. PMC-3D: a parallel three-dimensional Monte Carlo semiconductor device simulator 55860
Ranaweera, D.K. Comparison of neural network models for fault diagnosis of power systems 59859
Ranby, B. *see* Jonsson, J. 82134
Rancic, D. *see* Abramovic, Z. 90185
Rancic, P.D., Dzokic, S.Z., Stajic, Z.P. Vertical ground rod (VGR) in inhomogeneous earth of sectoral type 83882
Rancoita, P.G. *see* Adam, A. 88087
Rancoita, P.G. *see* Adam, A. 88102
Rancoita, P.G. *see* Adriani, O. 88023
Rancoita, P.G. *see* Baschirotto, A. 55328
Rancoita, P.G. *see* Borchi, E. 59091
Rancoita, P.G. *see* Bosetti, M. 59145
Rancoita, P.G. *see* Bosetti, M. 59146
Rancoita, P.G. *see* Bosetti, M. 98565
Rancoita, P.G. *see* Bosetti, M. 98566
Rancoita, S. *see* Furetta, C. 98812
Rand, D.T., Nicol, A.C. An instrumented glove for monitoring MCP joint motion 59248
Rand, J.A., Cotter, J.E., Ingram, A.E., Ruffins, T.R., Shreve, K.P., Hall, R.B., Barnett, A.M. Monolithically integrated silicon-film photovoltaic modules 100640
Rand, J.A. *see* Bai, Y. 100474
Rand, J.A. *see* Collins, S.R. 90420
Rand, R.A. *see* Cohen, M.S. 83043
Rand, R.A. *see* Cohen, M.S. 97364
Rand, S.C., Ni, H., Shu, Q., Kreysar, D., Xie, P., Morse, T. Mode-locking applications of nonlinear cooperative interactions 56652
Randaccio, P. *see* Alfano, B. 59375
Randaccio, P. *see* Bandettini, A. 59109
Randaccio, P. *see* Bandettini, A. 76979
Randaccio, P. *see* Bencivelli, W. 88436
Randall, D. *see* Bentley, R. 99128
Randall, J.N. *see* Hans, L. 81722
Randall, J.N. *see* Loschner, H. 62601
Randall, J.N. *see* Seabaugh, A.C. 92074
Randall, R.B., Gao, Y. Extraction of modal parameters from the response power cepstrum 84493
Randen, T., Husoy, J.H. Multichannel filtering for image texture segmentation 84756
Randhawa, G. Mechatronics education at Middlesex University 69408
Randhawa, S.U., West, T.M. A simulation-based approach to evaluating design-manufacturing process 60894
Randklev, P.C. *see* Yuan Guo 81011
Rando, N., Peacock, A., van Dordrecht, A., Hiibner, P., Videler, P., Salmi, J., Suni, I. Response linearity of Nb tunnel junction detectors for photon energies from 1.5 to 6.4 keV 82355
Rando, N. *see* Lemke, S. 67298
Randolph, J. *see* Tang, L. 69225
Randon, E. Basic concepts of HDLs: VHDL 91771
Randoshkin, V.V., Logunov, M.V. Dynamic visualization of defects in conducting materials by means of a magnetooptic magnetovisor 56463
Randrianarivony, A., Zeng, J. An extension of Euler numbers of records for alternate permutations 91278
Rane, B.P. *see* Deshmukh, L.P. 78779
Rane, S. A panic-free plan for broadband networks 85823
Raneses, N.O. *see* Garcia, R.A. 69029
Raney, R.K., Runge, H., Bamler, R., Cumming, I.G., Wong, F.H. Precision SAR processing using chirp scaling 77323
Raney, R.K. *see* Wong, F. 77621
Ranfagni, A. *see* Nikl, M. 80900
Ranga, A.Sri *see* Sri Ranga, A.
Rangachari, S.S. On a result of Ramanujan on theta functions 79591
Rangan, K.Kasthuri *see* Kasthuri Rangan, K.
Rangan, P.V. *see* Ramanathan, S. 65150
Rangan, P.V. *see* SampathKumar, S. 85465
Rangan, P.Venkat *see* Venkat Rangan, P.
Rangan, V. *see* Papadimitriou, C.H. 51834
Rangan, V.R., Bowman, G.T. Beating the commodity magnet 60813
Ranganath, S. *see* Moshfeghi, M. 51616
Ranganathan, G. *see* Yao, J.Y. 67649
Ranganathan, N., Raghu Sastry VLSI architectures for pattern matching 95728
Ranganathan, N., Venugopal, S. A VLSI chip for template matching 93606
Ranganathan, N. *see* Hughes, K. 52823
Ranganathan, N. *see* Kumar, S. 74582
Ranganathan, N. *see* Namuduri, K.R. 64743
Ranganathan, R. *see* Campbell, B. 67202
Ranganathan, R. *see* Prem Kumar, T. 68943
Ranganathan, V.T. *see* Gopakumar, K. 69059
Rangarajan, A., Lee, M., Zubal, G., Gindi, G. A continuation method for emission tomography 59336
Rangarajan, A. *see* Black, M.J. 84788
Rangarajan, N. *see* Subramanian, V. 66328
Rangarao, K.V., Janakiraman, P.A. A new algorithm for frequency estimation in the presence of phase noise 73978
Rangaswami, M. *see* Nadoli, G. 69534
Rangaswamy, M. Spherically invariant random processes for modeling non-Gaussian radar clutter 97391
Rangayyan, R.M. *see* Liang Shen 59275
Rangayyan, R.M. *see* Paranjape, R.B. 57661
Rangayyan, R.M. *see* Provine, J.A. 64798

Rangayyan, R.M. *see* Shen, L. 95897
Rangayyan, R.M. *see* Zhang, Y.T. 59254
Rangchen Yu, Nagarajan, R., Holmes, T.R.A., Bowers, J.E., DenBaars, S.P., Chung-En Zah Ultrahigh speed performance of a quantum well laser at cryogenic temperatures 72890
Rangelow, I.W., Borkowicz, Z., Hudek, P., Kostic, I. Transfer of single-layer positive resist sub-micrometer and nanometer structures into silicon 62607
Ranger, M. *see* Montcalm, C. 63543
Ranger, M. *see* Montcalm, C. 72548
Rangsten, P. *see* Rosengren, L. 67440
Rangwala, S.S., Goodwin, G.L. An application of neural networks to prediction of SL laser package coupling stability characteristics 91014
Rani, A.J. *see* Sil, A. 81125
Rani, R. *see* Navarathna, A. 50196
Ranjan, N. *see* Ajit, J.S. 55120
Ranjan, R., Bennett, W.R., Tarnopolsky, G.J., Yamashita, T., Nolan, T., Sinclair, R. Noise properties and microstructure of oriented CoCrTa/Cr media 63181
Ranjan, R.K. *see* Pai, M.A. 99453
Rank, D.M., Temi, P., Bregman, J.D. 3-12 μm images of HD44179 and M42: spectral differencing as a mid-infrared astronomical image enhancement technique 64579
Ranka, S. *see* Ganguly, D.D. 84003
Ranka, S. *see* Koester, D.P. 99460
Ranka, S. *see* Maini, H. 95155
Ranke, W. *see* Xing Yirong 71265
Rankin, F.A. *see* McElray, J.L. 78228
Rankin, J. An error model for sensor simulation GPS and differential GPS 65957
Rankin, J., Boekenhauer, R.E., Csencsits, R., Shigesato, Y., Jacobson, M.W., Sheldon, B.W. Nucleation and growth during the chemical vapor deposition of diamond on SiO_2 substrates 79923
Rankin, J. *see* Sheldon, B.W. 61362
Rankin, L.M., Lakhani, A.H. Emerging technologies and future satellites 86291
Rankin, R., Wilkerson, R., Harris, G., Spring, J. A hybrid genetic algorithm for an NP-complete problem with an expensive evaluation function 48825
Rankin, R. *see* Harris, G. 48754
Rankin, S. *see* Thelen, D. 65822
Rankin, S.D. *see* Hudak, G.J. 67709
Rankinen, R. *see* Ruotsalainen, T. 49191
Ranko, R. *see* Mirko, O. 58937
Ranmuthu, I. *see* Choi, D. 92428
Ranneberg, J., Michel, M. A control scheme for three-phase, three-level lineside converters 78696
Rannells, J.H. Practical considerations of area classification: More is not better 54430
Rannou, J.P. *see* Ollitrault, M. 88811
Ranon, Z. *see* Rainish, D. 75300
Ransom, C.M., Jackson, T.N., DeGelormo, J.F., Kotecki, D., Graimann, C., Sadana, D.K. Arsenic gas-phase doping of polysilicon 71272
Ransom, C.M., Jackson, T.N., DeGelormo, J.F., Zeller, C., Kotecki, D.E., Graimann, C., Sadana, D.K., Benedict, J. Shallow n^+ junctions in silicon by arsenic gas-phase doping 55590
Ransom, N. *see* Brackett, P. 85887
Ransome, S.J. *see* Turner, A.K. 100462
Ranson, D.S. *see* Habibi, S.K. 68108
Ranson, K.J., Guoqing Sun Retrieval of forest spatial pattern from SAR images 77628
Ranson, K.J., Guoqing Sun Mapping biomass of a northern forest using multifrequency SAR data 77719
Ranson, K.J. *see* Guoqing Sun 67917
Ranst, A.van *see* van Ranst, A.
Ranta, J. *see* Laakso, T.I. 61815
Rantala, T.S., Lantto, V., Rantala, T.T. A cluster approach for the SnO_2 (110) face 62195
Rantala, T.S. *see* Lantto, V. 62194
Rantala, T.T. *see* Rantala, T.S. 62195
Rantanen, M. Experiments on the effect of torque used in mounting the cylinder on the effective area of a pressure balance 66742
Rantasuo, M. *see* Makisara, K. 77580
Ranu, E. *see* Chin-Yung Yeh 70193
Ranucci, E., Ferruti, P., Opelli, P., Ferrari, V., Marioli, D., Taroni, A. Poly(N-vinylpyrrolidinone) as moisture-sorbing material for relative humidity sensors 52824
Ranucci, G., Ullucci, P., Bonetti, S., Manno, I., Meroni, E., Preda, A. Scintillation decay time and pulse shape discrimination of binary organic liquid scintillators for the Borexino detector 98551
Rao, A.S. *see* Govindan, R. 97808
Rao, A.V. *see* Das, A. 57435
Rao, B.C., Gao, R.X., Friedrich, C.R., Warrington, R.O. On-line determination of cutting geometry through integrated force measurement 98316
Rao, B.D. *see* Gorodnitsky, I.F. 84299
Rao, B.Ramamohana *see* Ramamohana Rao, B.
Rao, B.V.A. *see* Suresh, P.V. 90876
Rao, C.N.R. *see* Raju, A.R. 98152
Rao, C.R., Lincheng Zhao, Bin Zhou Maximum likelihood estimation of 2-D superimposed exponential signals 74082
Rao, C.R., Sastry, C.R., Zhou, B. Tracking the direction of arrival of multiple moving targets 64432
Rao, C.S. *see* Attri, K.S. 99628
Rao, C.S. *see* Padam, B.S. 99693
Rao, D. *see* Berkowitz, A.E. 72193
Rao, D.N., Kishore, P., Faizuddin, T.G., Yarraiah, M. Horizontal wind measurements using Indian MST radar 77392
Rao, D.N., Reddy, K.K. Prolonged signal fade-out and effect of antenna height on the performance of a line-of-sight microwave link in a hilly terrain 73350
Rao, D.N. *see* Kishore, P. 77393
Rao, D.N. *see* Kishore, P. 77404
Rao, D.N.Madhusudhana *see* Madhusudhana Rao, D.N.
Rao, D.R., Islam, R. XPS studies on Zn/Cd selenide thin films grown by electron-beam deposition 91630
Rao, D.Sreenivasa *see* Sreenivasa Rao, D.
Rao, D.V. *see* Goddu, S.M. 59407
Rao, E.V.R.Narashimha *see* Narashimha Rao, E.V.R.
Rao, G.Madhusudhana *see* Madhusudhana Rao, G.
Rao, G.Mohan *see* Mohan Rao, G.
Rao, G.Venugopal *see* Venugopal Rao, G.
Rao, H.S. *see* Desal, S.R. 74853
Rao, I.K.Ravichandra *see* Ravichandra Rao, I.K.
Rao, J.R. Application of high speed networks in hospital environment 65356
Rao, K., Hussain, A., Khairandish, L. SDH-SONET interworking 58174
Rao, K.Deergha *see* Deergha Rao, K.
Rao, K.K., Krishnan, R. Shape feature extraction from object corners 57925
Rao, K.P. *see* Venuvinod, P.K. 69397
Rao, K.R., Ben-Arie, J. Multiple template matching using the expansion filter 95667
Rao, K.R. *see* Ben-Arie, J. 84974
Rao, K.R. *see* de Queiroz, R.L. 84257
Rao, K.Raghunath *see* Raghunath Rao, K.
Rao, K.S., Rao, Y.S., Gurusamy, R. Frequency dependence of polarization phase difference and polarization index for vegetation covered fields using polarimetric AIRSAR data 77706
Rao, K.S. *see* Wang, J.R. 77516
Rao, K.S.P. *see* Sarma, N.D.R. 59777
Rao, K.S.Prakasa *see* Prakasa Rao, K.S.
Rao, K.Srinivas *see* Srinivas Rao, K.
Rao, K.V. *see* Mallinson, J.C. 71065
Rao, L., He, B., Yan, W. A novel adaptive generator based on Kohonen's neural network model and vector quantization 48884
Rao, M.G., Kneisel, P., Dylla, H.F. Solvents and pumpdown characteristics of SRF Nb cavities 87931
Rao, M.G. *see* Kneisel, P. 67107
Rao, M.K. *see* Zhu, W. 63082
Rao, M.Mukunda *see* Mukunda Rao, M.
Rao, M.Ramakrishna *see* Ramakrishna Rao, M.
Rao, M.S. An efficient fiber optic data management system for air defence 59642
Rao, M.V., Dietrich, H.B., Klein, P.B., Fathimulla, A., Simons, D.S., Chi, P.H. Ion implantation into (x11)A-oriented InP and GaAs ($x \leqslant 4$) 71289
Rao, M.V., Freitas, J.A., Jr., Dietrich, H.B., Berry, A.K., Vellanki, J., Dhar, N. Photoluminescence and Raman scattering characterization of as-grown and implanted bulk ZnSe crystals 91421
Rao, M.V., Samuel, R., Nair, P.S. Applications of holographic interferometry for spacecraft structural components 73130
Rao, M.V. *see* Singh, S.N. 59694
Rao, M.V.Krishna *see* Krishna Rao, M.V.
Rao, N.A.H.K., Abury, M. Evaluation of a pulse coding technique for speckle reduction and structure characterization 99359
Rao, N.A.H.K., Aubry, M. Evaluation of a pulse coding technique for spacial structure characterization 83968
Rao, N.D. *see* Jian-Liang Chen 99676
Rao, N.D. *see* Shao, J. 78076
Rao, N.D. *see* Tripathy, S.C. 68026
Rao, N.D. *see* Vankayala, V.S.S. 99598
Rao, N.N., Ramachandraiah, G. Polycrystalline n-CuInSe, photoelectrochemical solar cells—electrochemistry and deposition of copper and indium at the photoanode and the accompanying efficiency enhancement 78833
Rao, N.S.V., Maly, K., Dharanikota, S., Olariu, S., Zhang, L., Game, D. Average waiting time profiles of uniform DQDB model 65333
Rao, O.S. *see* Singh, R.A. 55581
Rao, P.B., Skavantzos, A. ROM based methods for computing the squaring operation in modular rings 73936
Rao, P.P. *see* Ananthakumar, S. 54988
Rao, P.S. *see* Mahant, A.K. 67359
Rao, P.V.S.Rama *see* Rama Rao, P.V.S.
Rao, R. *see* Ganapathi, L. 66349
Rao, R.R. *see* Dietrich, P. 64923
Rao, R.R. *see* Zorzi, M. 97052
Rao, R.S. Embedded computing with a comprehensive reduced instruction set processor 70679
Rao, R.S. On-chip parallelism in digital signal processing 70680
Rao, S., Danuser, A., Weberhofer, D.M. Service adaptation techniques for ATM end-to-end connectivity 85986
Rao, S., Grunenfelder, R. Interworking of DQDB MAN and ATM based B-ISDN 58223
Rao, S., Haskell, B., Yee, I. Trade-off analysis on cost and manufacturing technology of an electronic product: case study 79369
Rao, S. *see* Fiorito, A. 98886
Rao, S. *see* Jungen, M. 65378
Rao, S. *see* Nyholm, P. 94868
Rao, S. *see* Steinmann, M.J. 65524
Rao, S. *(editor)* Interworking in Broadband Networks. Heterogeneity and Global Networking (EUR 150-34 EN) 48589
Rao, S. *(editor)* Interoperability in Broadband Networks 60729
Rao, S.B., Tsantilas, T. Optical interprocessor communication protocols 51822
Rao, S.B. *see* Cox, I.J. 84666
Rao, S.B. *see* Leighton, F.T. 69710
Rao, S.M., Chen, K.M., Wu, M.K. A simple timer-relay-based system for reciprocating rotation of crucible/seed in crystal growing systems 61234
Rao, S.M. *see* Gothard, G.K. 64125
Rao, S.M. *see* Vechinski, D.A. 51057
Rao, S.R. *see* Kapoor, S. 55072
Rao, S.S. *see* Gandhi, P.P. 95176
Rao, S.S. *see* Ramamurti, V. 74109
Rao, T.C.K. *see* Kalluri, D.K. 57106
Rao, T.R.N. *see* Gui-Liang Feng 95103
Rao, T.R.N. *see* Gui-Liang Feng 95104
Rao, T.Sudersena *see* Sudersena Rao, T.
Rao, V., Hinsberg, W.D., Frank, C.W., Pease, R.F.W. The role of residual casting solvent in dissolution behavior of poly(3-methyl-4-hydroxystyrene) films 81662
Rao, V., Hutchins, D., Reagan, J., Scheid, D., Streif, R., Syrstad, T., Eggerding, C., Redmond, T. Manufacture of advanced Cu-PI multi chip modules 92851
Rao, V.J. *see* Manorama, S. 66581
Rao, V.Srinivasan *see* Srinivasan Rao, V.
Rao, V.V.B. A combinatorial rule to determine the probability of n consecutive successes of N tries 69715
Rao, Y., Webb, D., Jackson, D. Design study of fibre-optic based Fabry-Perot type interferometric sensors using low-coherence signal recovery 87212
Rao, Y.J., Jackson, D.A. Prototype fiber-optic-based ultrahigh pressure remote sensor with built-in temperature compensation 58821
Rao, Y.J., Jackson, D.A. A prototype fibre-optic-based Fizeau medical pressure and temperature sensor system using coherence reading 67487
Rao, Y.J., Jackson, D.A., Jones, R., Shannon, C. Development of prototype fiber-optic-based Fizeau pressure sensors with temperature compensation and signal recovery by coherence reading 98022
Rao, Y.J. *see* Lobo Ribeiro, A.B. 76010
Rao, Y.S. *see* Chakrabarti, P. 94286
Rao, Y.S. *see* Rao, K.S. 77706
Rao Palakodeti, S. *see* Mullens, J.R. 89606
Rao Tummala, V.M. *see* Fung, Y.H. 59889
Rao Wenguang *see* Ma Weixin 89051
Rao Yusheng *see* Yusheng Rao
Raol, K. *see* Arora, N.D. 62795
Raoult, F. *see* Benamara, Z. 81877
Raoult, F. *see* Mostefa, D. 81181
Rapagnani, P. *see* Cinquegrana, C. 97970
Rapajic, P.B., Vucetic, B.S. Adaptive receiver structures for asynchronous CDMA systems 65558
Raparia, D., Chu Rui Chang, Guy, F., Hurd, J.W., Funk, W., Crandall, K.R. Error and tolerance studies for the SSC Linac 87806
Raparia, D., Funk, W. Beam dynamics studies for proposed proton therapy facility 76412
Raparia, D., Guy, F., Saadatmand, K., Funk, W. Electrostatic low-energy beam transport systems for the SSC linac 53129
Raparia, D., Guy, F., Saadatmand, K., Funk, W. Electrostatic low-energy beam transport systems for the SSC linac 59043
Raparia, D. *see* Guy, F.W. 66876
Raparia, D. *see* Guy, F.W. 76417
Raparia, D. *see* Hurd, J.W. 76441
Raparia, D. *see* Hurd, J.W. 76590
Raparia, D. *see* Lenz, J.W. 76529
Raparia, D. *see* Saadatmand, K. 76386
Raparia, D. *see* Senichev, Yu. 87871
Rape, R. *see* Drnovsek, J. 97746
Rape, R. *see* Lapuh, R. 97763
Rapin, D. *see* Martin, A. 67356
Rapley, C.G. *see* Scott, R.F. 88739
Rapone, M. *see* Calabria, R. 60561
Rapoport, V.O. *see* Bernhardt, P.A. 51114
Rapoport, V.O. *see* Polyakov, S.V. 53533
Rapp, C.F. Development of bulk heavy-metal fluoride glass optics 63340
Rapp, D. *see* Thronson, H.A., Jr. 97503
Rapp, E. *see* Brambilla, L. 99105
Rapp, H. Examination of additional rotor-losses in inverter-fed induction machines 90514
Rapp, R., Bley, P., Menz, W., Schomburg, W.K. Micropump fabricated with LIGA process 60263

Rapp, R.J. *see* Alexander, T.L. 67951
Rappa, M.A. *see* Debackere, K. 90846
Rappaport, S.S., Lon-Rong Hu Microcellular communication systems with hierarchical macrocell overlays: traffic performance models and analysis 86135
Rappaport, S.S. *see* Hua Jiang 75249
Rappaport, S.S. *see* Jiang, H. 65657
Rappaport, S.S. *see* Tai-Po Chu 75344
Rappaport, T.S., Sandhu, S. Radio wave propagation for emerging wireless personal communication systems 65665
Rappaport, T.S. *see* Feuerstein, M.J. 86096
Rappaport, T.S. *see* Ho, C.M.P. 65635
Rappaport, T.S. *see* Ho, C.M.P. 97107
Rappaport, T.S. *see* Liberti, J.C. 75273
Rappaport, T.S. *see* Liberti, J.C., Jr. 75340
Rappaport, T.S. *see* Panjwani, M.A. 65371
Rappaport, T.S. *see* Seidel, S.Y. 97152
Rappaport, T.S. *see* Woerner, B.D. 75271
Rappaz, M. *see* Picasso, M. 50989
Rappich, J., Jungblut, H., Aggour, M., Lewerenz, H.J. Electrochemical smoothing of silicon (111) 71372
Rappoldi, A. *see* Benetti, P. 67327
Rappoldi, A. *see* Benetti, P. 67328
Rappoldi, A. *see* Cennini, P. 67285
Rappoldi, A. *see* Cennini, P. 76755
Rappoport, K.J. The red-blue algorithm for dynamic programming on linear arrays 91329
Raptis, A.C. *see* Haul-Te Chien 49034
Raquet, J. *see* Oswald, R. 90428
Rarig, H. ISDN signal distribution network 65415
Rarity, J.G. *see* Owens, P.C.M. 94272
Rasaminjanahary, J.-F. *see* Renard, J.-P. 74892
Rasaminjanahary, J.F., Zanellato, G. A fixed point implementation of CELP speech vocoder 75129
Rasanen, U. *see* Eskelinen, E. 58492
Rasch, A. *see* Shi, L.P. 56409
Rasch, D.J., Essex, E. Quasi-periodic scintillation events at southern auroral latitudes 57115
Rasche, R. *see* Ricke, M.J. 66414
Raschke, A. *see* Gabler, A.R. 67416
Rascoe, D.L. *see* Javadi, H.H.S. 97217
Raselli, G.L. *see* Benetti, P. 67327
Raselli, G.L. *see* Benetti, P. 67328
Raselli, G.L. *see* Cennini, P. 67285
Raselli, U.L. *see* Cennini, P. 76755
Rash, C.E. *see* Verona, R.W. 66628
Rashap, B.A., Khargonekar, P.P., Grizzle, J.W., Elta, M.E., Freudenberg, J.S., Terry, F.L., Jr. Real-time control of reactive ion etching: identification and disturbance rejection 81504
Rashap, B.A. *see* Elta, M. 62443
Rashap, B.A. *see* Elta, M.E. 62432
Rashed, M.M. *see* Chowdhury, A.A. 63490
Rashed-Mohassel, J. *see* Hansen, R.C. 95043
Rashid, F., Delano, E., Chan, K., Buckley, M., Zheng, J., Schumacher, F., Kurpanek, G., Shelton, J., Alexander, T., Noordeen, N., Ludwig, M., Scherer, A., Amir, C., Cheung, D., Sabada, P., Rajamani, R., Fiduccia, N., Ches, B., Eshghi, K., Eatock, F., Renfrow, D., Keller, J., Ilgenfritz, P., Krashinsky, I., Weatherspoon, D., Ranade, S., Goldberg, D., Bryg, W. A CMOS RISC CPU with on-chip parallel cache 92286
Rashid, F., Kobayashi, H., Nakamura, T. Knowledge representation for adaptive overload packets control in multimedia networks 74770
Rashid, M. *see* Baker, A. 92225
Rashid, M.M., Matsumoto, H., Iwamoto, O., Nohtomi, A., Uozumi, Y., Sakae, T., Matoba, M. A software-aided time resolution doubler (TRD) operating as a TDC 88237
Rashid, M.M., Matsumoto, H., Iwamoto, O., Nohtomi, A., Uozumi, Y., Sakae, T., Matoba, M. A software-aided time resolution doubler (TRD) operating as a TDC 98674
Rashid, M.M., Nohtomi, A., Uozumi, Y., Sakae, T., Matoba, M. Ratio-to-digital converter (RDC) for the correction of the effect of position signals timing nonlinearity 59193
Rashid, T. *see* Bashir, A. 88172
Rashidian, B., Allen, M.G. Electrothermal microactuators based on dielectric loss heating 56193
Rashkov, S. *see* Cachet, C. 78792
Rasiah, A.I., Attikiouzel, Y. A syntactic approach to the recognition of common cardiac arrhythmias within a single ambulatory ECG trace 88495
Rasiene, J., Greenshields, I. Standard wavelet basis compression of images 84755
Rasikawan, S., Ishihara, H., Shimizu, N. Comparison between water-treed and deteriorated regions. Electrical tree precursor 82165
Raskmark, P. Power amplifier design using quadrature hybrids 61565
Rasky, P.D., Chiasson, G.M., Borth, D.E., Peterson, R.L. Slow frequency-hop TDMA/CDMA for macrocellular personal communications 65601
Rasmussen, D., Davis, G. Serial and parallel demodulation trade-offs for IJF-OQPSK 95079
Rasmussen, I. *see* Bodin, P. 94032
Rasmussen, I. *see* Kjaer, S. 89587
Rasmussen, I. *see* Noer, M. 68439
Rasmussen, J., Feyk, C., Boggia, R., Horowitz, B., Fink, T., Struve, G., Damsky, B. Monitoring system for lead-acid wet cell station batteries 89759
Rasmussen, J.E. *see* Cannon, P.S. 94811
Rasmussen, J.L., Etter, D.M. A comparison of methods for adaptively designing minimum phase FIR models 92401
Rasmussen, K.F. *see* Blaabjerg, F. 80134
Rasmussen, L.K., Wicker, S.B. A performance analysis of trellis coded hybrid-ARQ protocols based on CRC error-detecting codes 74720
Rasmussen, L.K., Wicker, S.B. The performance of type-I trellis coded hybrid-ARQ protocols over AWGN and slowly fading channels 74731
Rasmussen, S., Skov, M. Token ring interconnection across DQDB MANs 58175
Rasmussen, S.J. *see* Sheldon, S.N. 88648
Rasmussen, T., Bjarklev, A. Scaling laws for integrated optics waveguides 57181
Rasmussen, T., Bjarklev, A., Povlsen, J.H. Length requirements for power splitters in optical communication systems 52586
Rasmussen, T., Povlsen, J.H., Bjarklev, A. Improved two-dimensional beam-propagation method for three-dimensional integrated-optical waveguide structures having rectangular-core cross sections 73443
Rasmussen, T. *see* Wang, Y.H. 94921
Raso, V.J. *see* Lou, E. 88354
Raspaud, A., Sopena, E. Good and semi-strong colorings of oriented planar graphs 79569
Raspaud, A. *see* Genghua Fan 54682
Raspica, M. The constellation measurement in digital radio relay systems 97034
Rasquin, W. Effect of interconnection line characteristics on results of impulse tests for super high voltage electric power cables 68235
Rasquin, W. *see* Brakelmann, H. 68240
Rasse, Y. An H.261 single-chip low bit rate video-codec 75119
Rasshcheplyayev, Yu.S., Shcherbachev, V.A. Direct solution of the problem of determining the location of a radiation source from measurements of range differences and their derivatives 51515
Rassokhin, N.G., Yan, C.L., Din, C.N. Hydrodynamics of countercurrent flow during postemergency cooling of a VVER reactor 99837
Rassokhin, V.A. *see* Ivanov, V.A. 53938
Rassom, J.P. *see* Orban-Ferauge, F. 77290
Rasson, J.-P. *see* Granville, V. 61123
Rasson, J.P., Granville, V., Orban-Ferauge, F. How to much visual classification using nonparametric intensities? A behavioral answer 77688
Rasson, J.P., Orban-Ferauge, F., Granville, V. A behavioral approach to supervised classification 64844
Rassow, S. *see* Dolcr, W. 59282
Rasstegaeva, M.G. *see* Anikin, M.M. 71726
Rassvetalova, L.A., Ushakov, A.V. Binary dynamic observation in the noise-immune coding problem 51315
Rassvetalova, L.A. *see* Kiryushin, A.A. 70360
Rast, A., Muhlhoff, A. Characterisation of InGaAsP/InP ITG-DFB-BCRW lasers with contacted surface grating for $\lambda = 1.55\ \mu m$ 94497
Rastani, K. *see* Lakshman, T.V. 58415
Rastegaeva, M.G. *see* Anikin, M.M. 91424
Rastogi, A.C. *see* Garg, A. 61336
Rastogi, A.C. *see* Lakshmikumar, S.T. 79937
Rastogi, A.C. *see* Sharma, R.N. 81385
Rastogi, M., Mohan, N., Henze, C.P. Three-phase sinusoidal current rectifier with zero-current switching 68820
Rastogi, M., Naik, R., Mohan, N. A comparative evaluation of harmonic reduction techniques in three-phase utility interface of power electronic loads 67993
Rastogi, M., Naik, R., Mohan, N. A comparative evaluation of harmonic reduction techniques in three-phase utility interface of power electronic loads 88963
Rastogi, M. *see* Naik, R. 68731
Rastogi, P.K. Slope change contouring of a three-dimensional object using speckle interferometry 58979
Rastogi, P.K. A new approach to phase-shifting for moire: simultaneous retrieval of information corresponding to the difference-beat and sum-beat patterns 95739
Rastogi, P.K., Pflug, L. Desensitized holographic measurement of longitudinal displacements 83348
Rastogi, S., Roulet, G. Effect of weather on rural electric cooperative demand 78041
Rasure, J.R. *see* Konstantinides, K. 64455
Raszewski, Z. *see* Zmija, J. 50594
Ratajczak, P., Brachat, P., Guiraud, J.-L. Rigorous analysis of three-dimensional structures incorporating dielectrics 73485
Ratanaphanyarat, S. *see* Harame, D.L. 61658
Ratasky, G.J., Shubik, J. Electrical power system reliability case studies for water and wastewater treatment facilities 69291
Ratcliff, B. *see* Abe, K. 88115
Ratcliff, B. *see* Antilogus, P. 59064
Ratcliff, B. *see* Antilogus, P. 59127
Rate, C., Probert, A., Wright, D., Corwin, W.H., Royer, R. Subjective results of a simulator evaluation using synthetic terrain imagery presented on a helmet mounted display 67723
Rate, C.R., Wickens, C.D. Radical instrument approach plate design: map dimensionality and frame of reference 88668
Ratehi, L.P.B. *see* Jong-Gwan Yook 80743
Rath, N. *see* Kent, D.C. 54669
Rathburn, K. Managing automatic test systems in the 1990s 87012
Rather, J.D.G. *see* Bennett, H.E. 88705
Rathje, J. Does the chemical industry need the fieldbus? 52110
Rathjen, D., Ries, S., Roeckerath-Ries, M.-T. High resolution frequency analysis by modified zoom-transform 57478
Rathke, E. *see* Mussman, H. 75424
Rathke, J. *see* Den Hartog, P. 76300
Rathman, D.D. *see* Bozler, C.O. 62041
Rathman, D.D. *see* Goodhue, W.D. 62047
Rathnam, S. *see* Mannino, M.V. 52123
Rathod, R., Pechstedt, R.D., Jackson, D.A., Webb, D.J. Distributed temperature-change sensor based on Rayleigh backscattering in an optical fiber 52881
Rathore, H.S., Filippi, R.G., Wachnik, R.A., Estabil, J.J., Kwok, T. Electromigration reliability of AlCu interconnects with W studs 62545
Rathore, H.S. *see* Borgesen, P. 71404
Rathore, H.S. *see* Dalal, H.M. 93258
Rathore, R.K.S. The problem of A.F. Timan on the precise order of decrease of the best approximations 54751
Ratier, B. *see* Trouillas, P. 93118
Ratiu, T.S. *see* Bloch, A.M. 69754
Ratka, J.O., Spiegelberg, W.D. A high performance beryllium copper alloy for magnet applications 83538
Ratka, J.O. *see* Weggel, R.J. 83546
Ratnajeevan Hoole, S. *see* Subramaniam, S. 83565
Ratnam, P. *see* Zhao, J. 93343
Ratnaraj, R. *see* Sammes, N.M. 60430
Ratnaraj, R. *see* Sammes, N.M. 70177
Ratnaraj, R.R. *see* Sammes, N.M. 68990
Ratner, L., Leonhardt, W., Otter, A., Ellstrom, L. A 4.7 Tesla metre solenoid for a partial Siberian Snake 87781
Ratner, L.G. *see* Blinov, B.B. 87861
Ratner, M.A. *see* Kemp, M. 81112
Ratner, M.A. *see* Lundquist, P.M. 50928
Ratowsky, R.P., London, R.A., Craxton, R.S., Feit, M.D., Walling, R.W., Shimkaveg, G.M. Ray and wave optics modeling of laboratory X-ray lasers 50733
Rattaggi, M. *see* Adam, A. 88087
Rattaggi, M. *see* Adam, A. 88102
Rattaggi, M. *see* Adriani, O. 88023
Rattaggi, M. *see* Baschirotto, A. 55328
Rattaggi, M. *see* Bosetti, M. 59145
Rattaggi, M. *see* Bosetti, M. 59146
Rattaggi, M. *see* Bosetti, M. 98565
Rattaggi, M. *see* Bosetti, M. 98566
Rattaggi, M. *see* Furetta, C. 98812
Rattagi, M. *see* Borchi, E. 59091
Rattan, K.S. *see* Shetty-Wagoner, M. 55164
Ratti, A. *see* Rose, J. 67164
Ratti, G. *see* Jacquet, L. 89602
Ratti, S. *see* Arena, V. 53299
Rattray, K. Wireless messaging 86101
Rattray, W.G. Upgrading the Anglo-Scottish interconnection: Interconnector operation and control 59805
Ratzinger, U. *see* Muhle, C. 53156
Ratzlaff, C.L., Pillage, L.T. RICE: rapid interconnect circuit evaluation using AWE 55087
Rau, C. *see* Beckmann, R. 70112
Rau, M.C. DAB systems for the AM and FM broadcasting bands: a status report 97575
Rau, M.C., Pommier, D. DAB: Radio in the 21st Century 97571
Rau, R. *see* Shoga, M. 70694
Rau, U. *see* Schofthaler, M. 81206
Rau, U. *see* Schofthaler, M. 100477
Rau, V.G. *see* Hussain, M.Y. 59696
Rau, Y.C., Lure, Y.M.F. Classification of remote sensing data using partially trained neural network 77435
Rau Chyi-Feng *see* Chyi-Feng Rau
Raub, F. *see* Saniter, J. 74967
Raubenheimer, T. *see* Adolphsen, C. 66965
Raubenheimer, T. *see* Adolphsen, C. 76537
Raubenheimer, T. *see* Winick, H. 63870
Raubenheimer, T. *see* Winick, H. 83178
Raubenheimer, T.O. The preservation of low emittance flat beams 66844
Raubenheimer, T.O., Early, R., Limberg, T., Moshammer, H., Spencer, J. A possible redesign of the SLAC SLC damping rings 76339
RaubenHeimer, T.O., Emma, P., Kheifets, S. Chicane and wiggler based bunch compressors for future linear colliders 67015
Raubenheimer, T.O. *see* Bane, K.L. 67006
Raubenheimer, T.O. *see* Early, R.A. 76693
Raucent, B. *see* Aguirre, E. 79308
Rauch, E. *see* Dusa, M.V. 62567
Rauch, E. *see* Dusa, M.V. 87519
Rauch, F. *see* Wagner, W. 94044

Rauch, G.B., Chang, G., Keller, M., Bracken, T.D. Protocol for measurement of transmission and distribution line workplace magnetic fields by waveform capture 89316
Rauch, W. *see* Gornik, E. 82349
Rauchas, A. *see* Cho, Y. 87949
Rauckman, J.B. Grounding & jumpering 89362
Raudaskoski, V. *see* Bryce, C. 86145
Raudszus, W., Bothe, M. Rapid charging of nickel-cadmium battery power packs, using intelligent chargers 68710
Raue, P.-E. *see* Eiben, A.E. 91319
Rauf, F., Ahmed, H.M. Adaptive signal processing techniques for chaotic systems 84320
Rauf, F. *see* Ahmed, H.M. 80477
Raugi, M. *see* Azzerboni, B. 83432
Raugi, M. *see* Bottauscio, O. 54140
Raugi, M. *see* Cardelli, E. 83507
Raugi, M. *see* Gimignani, M. 51026
Raugi, M. *see* Gimignani, M. 73201
Raugi, M. *see* Gimignani, M. 83500
Rauly, D., Alkhoja, J. Non-interfering thermoelectric measurements on power hybrid microwave devices 87462
Raum, M. Quasioptical measurement of ferrite material parameters at terahertz frequencies by a new method: Faraday angle resonance 82261
Rauprich, A., Lindner, B. Cost comparison of (Al/St 265/35) overhead power line and (N_2XS(FL)2Y 1×630 RM/35) cable at the 110 kV voltage level 59948
Raus, M., Brenner, O., Ameling, W. Neural quality inspection in industrial compact disc print stations 79469
Rausch, K.S. *see* Grimes, G.J. 94314
Rausch, W. *see* Harame, D.L. 61658
Rausch, W. *see* Ismail, K. 79892
Rauschenbach, B. *see* Schreck, M. 69934
Rauschenbach, G.A., Hall, K.L., Livas, J.C., Raybon, G. All-optical pulse width and wavelength conversion at 10 Gb/s using a nonlinear optical loop mirror 86023
Rauschenbach, K.A. *see* Swanson, E.A. 94618
Rauscher, C. Efficient design methodology for microwave frequency multiplexers using infinite-array prototype circuits 70838
Rauscher, C. A new class of microwave active filters 92573
Rauscher, K.F. *see* Ming-Yee Lai 74860
Raut, R. Temperature adaptive voltage reference network for realizing a transconductance with low temperature sensitivity 49175
Raut, R. A voltage to current transducer (VCT) in CMOS technology for applications in analog VLSIC 93598
Rautakorpi, E. *see* Riitahuhta, A. 58982
Rautiainen, P. *see* Niemela, J. 68452
Rautio, J.C. Synthesis of lumped models from N-port scattering parameter data 49113
Rautioaho, R. *see* Kivimaa, J. 53058
Rava, P. *see* Demichelis, F. 48982
Ravaioli, P., Zourabichvili, M. Directive to operate telecommunications sectors 48629
Ravazzani, P. *see* Grandori, F. 53423
Raveendra, K.R., Gabrani, G. Continuous phase frequency shift keying (CPFSK) 83916
Raveendran, P., Omatu, S., Wan, A.B. Neural network approach to minimize intraclass invariance of moment invariant features for pattern classification 74226
Raveglia, L., Sartorello, P. Recognition of a 2100Hz tone with phase reversal for disabling an echo canceller 75120
Raven, P.F. *see* Cheverst, K. 52107
Ravenel, R. *see* Wachtel, H. 60780
Ravera, F. *see* Fissore, L. 84038
Ravera, M. *see* Bernardi, M. 65375
Ravera, M. *see* Nieuwenhuis, L.J.M. 96841
Ravet, M.F. *see* Lemonnier, M. 98511
Ravex, A. *see* Poncet, J.-M. 93988
Ravex, A. *see* ten Kate, H.H.J. 76568
Ravez, J. *see* Elissalde, C. 56136
Ravez, J. *see* Elissalde, C. 56137
Ravez, J. *see* Huang, S.-Y. 56123
Ravez, J. *see* Kazaoui, S. 56138
Ravi, G., Anbukumar, S., Ramasamy, P. Growth and characterization of triglycine sulphophosphate mixed crystals 48911
Ravi, K.N. Development of pollution test methods using dust chamber 53775
Ravi, K.N., Vasudev, N., Majumdar, A.K. Pollution level measurement at various locations of energised AC transmission lines—a field study 53784
Ravi, K.N., Vasudev, N., Mujumdar, A.K. Influence of relative humidity on the results of salt fog tests on insulators 53783
Ravi, K.N. *see* Bossi, S. 53777
Ravi, K.N. *see* Vasudev, N. 53778
Ravi, K.V., Koch, C.A., Olson, D.S., Choong, P., Vandersande, J.W., Zoltan, L.D. Electrical conductivity of combustion flame synthesized diamond 49763
Ravi, S.S. *see* Kranakis, E. 65089
Ravi, T.S. *see* Yilmaz, S. 82712
Ravi Prakash, G. *see* Mahabala, H.N. 75844
Ravi-Chandar, K., Schneider, E. Ultrasonic detection and sizing of plastic zones surrounding fatigue cracks 55003
Ravich, Yu.I., Nemov, S.A., Proshin, V.I. Self-compensation of a donor impurity by neutral complexes in bismuth-doped lead telluride 49853
Ravichandra Rao, I.K. *see* Bookstein, A. 95160
Ravichandran, B., Sanderson, A.C. Model-based matching using a hybrid genetic algorithm 96083
Ravichandran, G., Casasent, D. Advanced in-plane rotation-invariant correlation filters 51599
Ravichandran, G., Trivedi, M.M. Spatiotemporal frequency analysis for motion perception 84587
Ravichandran, G. *see* Copeland, A.C. 74602
Ravikumar, K.C. *see* Poland, S.H. 98052
Ravikumar, K.G. *see* Aizawa, T. 72369
Ravikumar, K.V. *see* Lee, A.C. 53017
Ravikumar, M.K. *see* Arico, A.S. 68993
Ravinder, D. *see* Latha, K. 56089
Ravindran, K. Real-time synchronization of multimedia data streams in high speed networks 65304
Ravindran, K., Shah, K. Causal broadcasting and consistency of distributed shared data 65071
Ravindran, K. *see* Mitchel, W.C. 81331
Ravindran, R., Sundar, S., Prasad, P. Long time behaviour of the solution of a system of equations from new theory of shock dynamics 61187
Ravis, E. *see* Blez, M. 56811
Ravishankar, C. *see* Dimolitsas, S. 86272
Ravishankar, C. *see* Dimolitsas, S. 95319
Ravishankar, C.V. *see* Yen-Min Huang 52074
Ravishankar, C.V. *see* Yen-Min Huang 65079
Ravishankar, K., Singh, S. Broadcasting on [O,L] 85230
Raviv, D., Ozery, N. A visual-motion fixation invariant 84797
Ravlic, V. *see* Zutobradic, S. 90308
Ravnik, M. *see* Trkov, A. 53890
Rawa, H. Nonhomogeneous environment electrization process in electric fields 51020
Rawa, H. Nonhomogeneous environment electrization process in magnetic fields 51029
Rawa, H., Bolkowski, S., Brociek, W. Circuit modelling and computer simulation of the elements of power system in d, q, 0 coordinates 88940
Rawat, B.S. Three line microstrip couplers on anisotropic substrates 80565
Rawat, V., Pamola, R.C., Bhatnagar, P.S. Expert system for HF communication link 96982
Rawicz, A.H., Girling, D. Application of expert systems to systems reliability evaluation 79500
Rawlings, D.J. *see* Chapple, C.-L. 88600
Rawlins, A. *see* Young, A.T. 76304
Rawlins, D.C. Solar opts for dry, lean premixed low NO_x concept 68462
Rawlins, M.J. *see* Dandachi, N.H. 99464
Rawlinson, W.R. *see* Quinn, P.D. 98464
Rawnsley, W.R., Howard, G.E. Improving the efficiency of the design of cylindrical stripline beam monitors 98465
Rawnsley, W.R., Moskven, T. A current mirror circuit to bias beam intercepting pick up electrodes 98705
Rawnsley, W.R. *see* Yin, Y. 98477
Rawson, E.G. *see* Hadimioglu, B. 99311
Rax, B.G. *see* Lee, C.I. 70693
Ray, A., Datta, A.K. A hierarchical perception linked model for machine recognition of vowels in Telugu 73803
Ray, A. *see* Luck, R. 57608
Ray, A. *see* Luck, R. 75114
Ray, A.E. *see* Gutfleisch, O. 50214
Ray, A.K. *see* Crouch, D. 66525
Ray, A.K. *see* Ray, K. 74476
Ray, B. Single-cycle resonant bidirectional DC/DC power conversion 54075
Ray, B., Baumann, E.D., Myers, I.T., Hammoud, A.N. High temperature operation of a buck DC/DC converter 99110
Ray, B. *see* Martinez, Z.R. 61539
Ray, D.S. *see* Deb, B. 72660
Ray, G. *see* Tucker, J.L. 96378
Ray, G.C. An algorithm to separate nonstationary part of a signal using mid-prediction filter 84350
Ray, G.C. Myoelectric signal—its analysis modelling and use 88548
Ray, K., Ray, A.K. An urn theoretical approach towards modelling of thinning algorithms 74476
Ray, K.C.Sinha *see* Sinha Ray, K.C.
Ray, M.C., Bhattacharyya, R., Samanta, B. Static analysis of an intelligent structure by the finite element method 71891
Ray, P. Management database on fibre 85532
Ray, P.S., Duttagupta, P.B., Bhakta, P. Robust controllers for multimachine power systems 59821
Ray, P.S. *see* Given, T. 99198
Ray, P.S. *see* Keohan, C.F. 88773
Ray, S., Berger, D., Czornyj, G., Kumar, A., Tummala, R. Dual-Level Metal (DLM) method for fabricating thin film wiring structures 91033
Ray, S., Ghosh, S., De, A., Barua, A.K. Improved quality a-SiC:H films prepared by photochemical vapour decomposition of silane and acetylene 79910
Ray, S. *see* Ghosh, S. 70107
Ray, S. *see* Middya, A.R. 61375
Ray, S. *see* Suthaharan, S. 64662
Ray, S.B. *see* Nandi, R. 70792
Ray, S.K., Das, S., Maiti, C.K., Lahiri, S.K., Chakraborti, N.B. Effect of reactive-ion bombardment on the properties of silicon nitride and oxynitride films deposited by ion-beam sputtering 71261
Ray, S.K. *see* Mukhopadhyay, M. 81367
Ray, U., Artaki, I., Gordon, H.M., Opila, R.L. Solderability and thermal stability of azole corrosion inhibitors 92716
Ray, U., Artaki, I., Gordon, H.M., Vianco, P.T. The influence of temperature and humidity on printed wiring board surface finishes: immersion tin vs. organic azoles 80997
Ray, U.C., Gupta, A.K. Intrapulse frequency variation in a W-band pulsed IMPATT diode 49646
Ray, W. *see* Roth, S.S. 71388
Ray, W.F., Davis, R.M. Wideband AC current transducer measures high current 87412
Ray, W.F., Moussi, A. Optimal-current control of convertor-fed DC motors. I. Special case for continuous current with negligible resistance 90014
Ray, W.F., Moussi, A. Optimal-current control of convertor-fed DC motors. II. General case 90015
Ray-Chaudhuri, A.K. *see* Tichenor, D.A. 81591
Ray-Chaudhuri, D.K., Schram, E.J. A large set of designs on vector spaces 61095
Ray-Chaudhuri, D.K., Singhi, N.M., Sanyal, S., Subramanian, P.S. Theory and design of t-unidirectional error-correcting and d-unidirectional error-detecting code 83999
Ray-Chern Deng *see* Horng-Chih Lin 81437
Ray-Guang Cheng *see* Chung-Ju Chang 64963
Ray-I Chang, Jen-Chi Chang, Pei-Yang Hsiao A neural-based placement technique for rectilinear application 80035
Ray-I Chang, Pei-Yung Hsiao Circuit placement in arbitrarily shaped regions using neural network 70241
Ray-I Chang, Pei-Yung Hsiao Fast self-organization by query-based algorithm and its applications 91801
Ray-Ming Lin *see* Jen-Inn Chyi 70029
Ray-Ming Lin *see* Ming-Ta Yang 81940
Ray-Ming Lin *see* Yi-Jen Chan 62865
Raybon, G., Koren, U., Young, M.G., Miller, B.I., Chien, M., Wood, T.H., Presby, H.M. Low chirp transmission at 5.0 Gbit/s using an integrated DBR laser-modulator transmitter 75508
Raybon, G. *see* Chen, Y.K. 72896
Raybon, G. *see* Froberg, N.M. 50820
Raybon, G. *see* Froberg, N.M. 97318
Raybon, G. *see* Kim, I. 56764
Raybon, G. *see* Koren, U. 94197
Raybon, G. *see* Rauschenbach, G.A. 86023
Raybon, G. *see* Zirngibl, M. 86475
RayChaudhuri, B., Chattopadhyay, P. Energy distribution of interface state charge density in CuNSi Schottky diode with thin interfacial oxide layer 71583
Raychaudhuri, D., Sun, H., Girons, R.S. ATM transport and cell-loss concealment techniques for MPEG video 74414
Raychaudhuri, D., Wilson, N.D. ATM-based transport architecture for multiservices wireless personal communication networks 97059
Raychaudhuri, D. *see* Melamed, B. 96749
Raydan, M. On the Barzilai and Borwein choice of steplength for the gradient method 48816
Rayes, A. *see* Hegde, M.V. 85353
Rayevsky, I.P., Novikov, M.S., Petrukhina, L.A., Gubaidulina, O.A., Kuimov, A.Y., Malitskaya, M.A. Relaxor perovskite multilayer actuators and capacitors with internal ceramic electrodes 82187
Raymond, C.J. *see* Murnane, M.R. 81693
Raymond, C.T. Sensible transformer maintenance—Part 1 78673
Raymond, F. *see* Grandjean, N. 91480
Raymond, K.R. Multimedia broadband communications health care applications 96379
Raymond, M., Hall, G., Lovell, M., Sharp, P., Lewin, C., Seller, P. A 2-D amplifier array chip for pixel detector readout 88242
Raymond, M. *see* Sanghera, B. 59303
Raymond, M.V., Chen, J., Smyth, D.M. Degradation of ferroelectric thin films: a defect chemistry approach 93691
Raymond, M.V., Smyth, D.M. Defect chemistry and transport properties of $Pb(Zr_{1/2}Ti_{1/2})O_3$ 49781
Raymond, S. *see* van Hoof, C. 94285
Raymond, T.D., Alford, W.J., Smith, A.V., Bowers, M.S. Frequency shifts in injection-seeded optical parametric oscillators with phase mismatch 94597
Raymund, T.D., Heaton, J.A.T., Pryse, S.E., Kersley, L. Tomographic investigation of the high-latitude ionospheric electron density with independent verification using EISCAT 65907
Raynal, M. *see* Helary, J.-M. 96153
Raynal, M. *see* Mostefaoui, A. 96776
Raynaud, C., Autran, J.-L., Balland, B., Guillot, G., Jaussaud, C., Billon, T. Electrical characterization of instabilities in 6H silicon carbide metal-oxide-semiconductor capacitors 81370

Raynaud, C., Autran, J.-L., Seigneur, F., Jaussaud, C., Billon, T., Guillot, G., Balland, B. Instabilities in 6H-SiC MOS structures 55669
Raynaud, C. *see* Faynot, O. 93478
Raynaud, C. *see* Yachou, D. 93474
Raynaud, P., Pomot, G. Cleaning of silicon surfaces by hydrogen multipolar microwave plasma excited by distributed electron cyclotron resonance 55799
Rayner, D.M. *see* Bourne, O.L. 81493
Rayner, J., Shure, M., Toomey, D.W., Onaka, P., Denault, A., Stahlberger, W., Watanabe, D., Criez, K., Robertson, L., Cook, D., Kidger, M. Design of a new 1-5.5 μm infrared camera for the NASA infrared telescope facility 66425
Rayner, P.J.W. *see* Godsill, S.J. 75797
Rayner, P.J.W. *see* Rajan, J.J. 69693
Raynor, B. *see* Zhi-Gong Wang 86316
Raynor, B. *see* Zhi-Gong Wang 92341
Raynor, J.M., Ilar, D., Maag, R., Metzler, P., Seitz, P. Modular image acquisition and measurement system with 12-bit, pixel-synchronous sampling 75898
Raz, S. *see* Farkash, S. 51448
Raza, A. *see* Augousti, A.T. 88377
Raza, S.H. *see* Sellai, A. 71575
Razavi, B. Low-power, low-voltage design—an overview 82079
Razavi, B., Lee, K.F., Ran-Hong Yan A 13.4-GHz CMOS frequency divider 92125
Razavi, B., Lee, K.F., Ran-Hong Yan, Swartz, R.G. A 3-GHz 25-mW CMOS phase-locked loop 70330
Razavi, B., Ota, Y., Swartz, R.G. Design techniques for low-voltage high-speed digital bipolar circuits 49228
Razavi, B., Ota, Y., Swartz, R.G. Low voltage techniques for high speed digital bipolar circuits 70345
Razavi, B., Sung, J. A 6 GHz 60 mW BiCMOS phase-locked loop with 2 V supply 91958
Razavi, B. *see* Lee, K.F. 93613
Razavi, B. *see* Sung, J.M. 71827
Razaz, M. Application of fuzzy logic to layout of integrated circuits 82021
Razban, T. *see* Robert, B. 51206
Razban, T. *see* Robert, B. 73514
Razdan, R. *see* Paul, D.K. 65827
Razeghi, M. High-power laser diodes based on InGaAsP alloys 63822
Razeghi, M. *see* Besikci, C. 62174
Razeghi, M. *see* Besikci, C. 81757
Razeghi, M. *see* Brown, G.J. 71179
Razeghi, M. *see* Diaz, J. 72894
Razeghi, M. *see* Diaz, J. 79903
Razeghi, M. *see* Jelen, C. 54850
Razeghi, M. *see* Kung, P. 54876
Razeghi, M. *see* Mitchel, W.C. 81331
Razeghi, M. *see* Sun, C.J. 48948
Razeghi, M. *see* Sun, C.J. 69976
Razek, A. *see* Li, C. 51004
Razek, A. *see* Ren, Z. 50385
Razek, A. *see* Ren, Z. 51049
Razek, A. *see* Ren, Z. 83524
Razek, A. *see* Sekkak, A. 90645
Razet, A. *see* Belaidi, H. 87419
Razet, K. *see* Juncar, P. 83242
Razi, D.H. *see* Chu, C.H. 64622
Razi-Syed, S., S. Zafar H. Jafri Necrotizing fasciitis and myositis: a case report 59342
Razkazov, I. *see* Dishovski, N. 73311
Razmi, M. *see* Seltzer, G.S. 70980
Razumikhina, T.B. *see* Krasnikov, V.V. 59374
Razza, F. *see* Bianco, L. 54014
Razzaghi, M., Elnagar, G.N. A pseudospectral collocation method for the brachistochrone problem 69778
Razzini, G. *see* Cattarin, S. 60451
Razzooqi, K.A.R., Gomes, N.J., Davies, P.A. Circuit model for GaAs MESFET as an optical-microwave interface 81966
Rbeiro, A.B.Lobo *see* Lobo Rbeiro, A.B.
Re, E.Del *see* Del Re, E.
Re, M.E. *see* Argyle, B.E. 72118
Re, V. *see* Aulchenko, V.M. 67341
Re, V. *see* Buttler, W. 93648
Re, V. *see* Cantoni, P. 53306
Re, V. *see* Cesura, G. 53344
Re, V. *see* Cesura, G. 71822
Re, V. *see* Gingrich, D. 53291
Rea, J. Boeing 777 High Lift Control System 59475
Rea-Hong Park *see* Dong Hyun Kim 74398
Read, C.J. *see* Woobin Lee 75714
Read, F.H. *see* Baranova, L.A. 64119
Read, H.C., Kumashiro, S., Strojwas, A. Efficient transient device simulation with AWE macromodels and domain decomposition 50083
Read, I.J., Sampson, D.D. Observation of coherent residual mode-coupling noise in few-moded optical fibers 50507
Read, I.J., Sampson, D.D. Birefringence sensor based on coupling between exact constituent modes of LP_{11} in standard fiber 87213
Read, J.A. *see* Grenfell, M.A. 99397
Read, M.E. *see* Nusinovich, G.S. 49745
Read, M.J., Gear, A.E. Teamworking to develop technology strategy 60846
Read, W. *see* Alexander, C.K. 69368
Read, W. *see* Fengzhen Wang 97500
Read, W. *see* Wang, F. 58514
Readhead, A.C.S. *see* Lawrence, C.R. 58534
Ready, M.J., Chari, S. Demodulation of cochannel FSK signals using joint maximum likelihood sequence estimation 95225
Ready, S.E. *see* Mei, P. 81912
Reagan, F.J., Rossmann, R.A. ACCESS system speeds trading of energy futures 85648
Reagan, J. *see* Rao, V. 92851
Reagan, J.A., Cooley, T.W., Shaw, J.A. Prospects for an economical, eye-safe water vapor lidar 77363
Reagan, J.A. *see* Cooley, T.W. 77445
Reagan, J.A. *see* Schooley, L.C. 74897
Reagan, J.T. *see* Saghri, J.A. 96089
Reagor, D. *see* Jia, Q.X. 72235
Real, E.C., Charette, D.P., Gilbert, R.A., Tufts, D.W. On sources of error in beamforming arrays 74054
Real, M. *see* Lenzlinger, M. 99979
Real, R.P.del *see* del Real, R.P.
Reali, G.C. *see* Agnesi, A. 72948
Reaney, I.M., Colla, E.L., Stetter, N. Dielectric and structural characteristics of Ba- and Sr-based complex perovskites as a function of tolerance factor 82097
Reardon, K.F. *see* Rozario, N. 57309
Reardon, P. *see* Deis, G. 87958
Reardon, P. *see* Heim, J. 88070
Reason, J. Good pole grounds slash distribution outages 53838
Reason, J. Power transformers—performance improves in many small steps 68695
Reason, J., Wei Ren Estimating the optimal adaptation gain for the LMS algorithm 84329
Reass, W.A. Survey of high-voltage pulse technology suitable for large-scale plasma source ion implantation processes 62386
Reaves, B. *see* Junqua, J.-C. 64365
Reaves, C. *see* I-Hsing Tan 55658
Reaves, C. *see* Ying-Lan Chang 55593
Reaves, C.M., Bressler-Hill, V., Krishnamurthy, M., Varma, S., Petroff, P.M., Weinberg, W.H., DenBaars, S.P. InP islands on GaAs substrates: MOCVD growth of quantum-sized structures 54926
Reay, D.S., Green, T.C., Williams, B.W. Application of associative memory neural networks to the control of a switched reluctance motor 90565
Reay, R.J., Klaassen, E.H., Kovacs, G.T.A. Thermally and electrically isolated single crystal silicon structures in CMOS technology 93592
Reay, R.J., Kounaves, S.P., Kovacs, G.T.A. An integrated CMOS potentiostat for miniaturized electroanalytical instrumentation 98248
Reba, R.C. *see* Kim, H.-J. 59318
Rebagay, T.V. *see* Addleman, R.S. 53075
Rebaglia, B. *see* Pettiti, G. 75866
Rebane, I. *see* Kikas, Ya. 50929
Rebane, K.K. Persistent spectral hole burning applications in distributed data storage and processing 56923
Rebaudengo, M., Sonza Reorda, M. Floorplan area optimization using genetic algorithms 49059
Rebaudengo, M., Sonza Reorda, M. A genetic algorithm for floorplan area optimization 92697
Rebbert, M. *see* Peckerar, M. 62602
Rebeiz, G.M. The highest-frequency (155 GHz and 215 GHz) three-terminal transistor oscillator in the World reported 49665
Rebeiz, G.M. *see* Budka, T.P. 61955
Rebeiz, G.M. *see* Chen-Yu Chi 92475
Rebeiz, G.M. *see* Eleftheriades, G.V. 94900
Rebeiz, G.M. *see* Filipovic, D.F. 80732
Rebeiz, G.M. *see* Filipovic, D.F. 80856
Rebeiz, G.M. *see* Gearhart, S.S. 80854
Rebeiz, G.M. *see* Kormanyos, B.K. 57260
Rebeiz, G.M. *see* Kormanyos, B.K. 61595
Rebeiz, G.M. *see* Kormanyos, B.K. 70932
Rebeiz, G.M. *see* Kormanyos, B.K. 80841
Rebeiz, G.M. *see* Ling, C.C. 58681
Rebeiz, G.M. *see* Ling, C.C. 97402
Rebeiz, G.M. *see* Mollenkopf, S. 80798
Rebeiz, G.M. *see* Robertson, S.V. 92474
Rebeiz, G.M. *see* Rosenbaum, S.E. 92615
Rebeiz, G.M. *see* Trong-Huang Lee 55391
Rebeiz, G.M. *see* Trong-Huang Lee 80835
Rebeiz, G.M. *see* Trong-Huang Lee 92570
Rebeiz, G.M. *see* Zirath, H. 80853
Rebel, H. The extensive air shower project KASCADE 59174
Rebel, H. *see* Engler, J. 67334
Rebensburg, K. Distributed transport systems and aspects of real time 58233
Rebensburg, K. *see* Miloucheva, I. 96264
Rebhan, U., Patzel, R., Bucher, H., Powell, M. High repetition rate lasers for advanced DUV exposure tools 71528
Rebhan, W. *see* Hartinger, E. 57245
Rebiai, M. *see* Pavie, H. 97618
Rebiere, D., Dejous, C., Pistre, J., Aucouturier, J.-L., Tiret, C., Planade, R. Acoustic wave devices to measure gas flow: comparison between surface acoustic wave (SAW) and shear horizontal acoustic plate mode (SH-APM) oscillators 66181
Rebolledo, M.A., Jarabo, S. Erbium-doped silica fiber modeling with overlapping factors 82573
Rebollo, J. *see* Flores, D. 81927
Rebollo, J. *see* Hidalgo, S. 50030
Rebollo, M.A., Hogert, E.N., Gaggioli, N.G. The pin-hole camera—the oldest optical device is also a good optical processing system 95661
Rebourgeard, P. *see* Buyanov, O.V. 98501
Rebourgeard, P. *see* Chipaux, R. 67300
Rebuffel, V., Letang, J.M. Characterizing disturbances in dynamic scenes using an integrated motion analysis approach 57792
Rebuldela, G. *see* Janik, D. 86835
Recacha, F. *see* Forne, J. 75002
Recasens, D. *see* Fontdevila, J. 98899
Recasens, J. *see* Jacas, J. 48791
Rechenberg, I., Bugge, F., Hopner, A., Klein, A., Richter, U. Defects in $In_xGa_{1-x}As/GaAs$ strained quantum wells 83170
Recio, T. *see* Gutierrez, J. 69793
Reck, A.C., Giacoletto, L.J. Simulation of a motor control using a unique triac model 89995
Reck, J. *see* Raasch, D. 82245
Reckard, R.M. *see* Walling, R.A. 68199
Record, M.C. *see* Porowski, S. 79769
Record, P.M. Single-plane multifrequency electrical impedance instrumentation 67554
Recski, A. Elementary strong maps of graphic matroids. II 79618
Rector, D.M., Harper, R.M. Low-cost acquisition of video images simultaneously with 240 electrophysiological signals 88474
Recupero, V., Alderucci, V., Di Leonardo, R., Lagana, M., Zappala, G., Giordano, N. 1 kW PAFC stack: a case history 60431
Redaelli, G., Lait, L.R., Schoeberl, M., Newman, P.A., Visconti, G., D'Altorio, A., Masci, F., Rizi, V., Froidevaux, L., Waters, J.W., Miller, A.J. UARS MLS O_3 soundings compared with lidar measurements using the conservative coordinates reconstruction technique 77398
Redaelli, G., Tontini, G. Electrical standards for rotating machines and transformers 68567
Redaelli, M. *see* Baschirotto, A. 55328
Redaelli, M. *see* Bosetti, M. 59145
Redaelli, M. *see* Bosetti, M. 59146
Redaelli, M. *see* Bosetti, M. 98565
Redaelli, M. *see* Bosetti, M. 98566
Redard, J.P. *see* Gonzalez, G.D. 87167
Redden, M., Rolek, E., Montecalvo, A., Barbato, R. Integrated mission precision attack cockpit technology (IMPACT) role playing 88650
Reddig, S. *see* Felix, R. 48707
Reddy, A.K.N., Reddy, B.S. Substitution of energy carriers for cooking in Bangalore 69031
Reddy, A.Sivasankara *see* Sivasankara Reddy, A.
Reddy, B.M. *see* Lakshmi, D.R. 58551
Reddy, B.M. *see* Sarkar, S.K. 51099
Reddy, B.M. *see* Sarma, S.B.S.S. 94821
Reddy, B.R., Nash-Stevenson, S., Venkateswarlu, P. Near-infrared-to-blue energy upconversion in $LaF_3:Ho^{3+}$ 56897
Reddy, B.R., Nash-Stevenson, S.K. Red-to-violet and near-infrared-to-green energy upconversion in $LaF_3:Er^{3+}$ 94373
Reddy, B.S. *see* Reddy, A.K.N. 69031
Reddy, C.V. *see* Beling, C.D. 87662
Reddy, D.C., Satyanarayana, K. Developing interdisciplinary professionals: a model approach 88342
Reddy, D.C. *see* Deergha Rao, K. 95437
Reddy, E.M.D.E.A. *see* Madhusudhana Rao, G. 58325
Reddy, G.R.C. *see* Ramamohana Rao, B. 51705
Reddy, H., Seshadri, V., Kothari, D.P. Mini-micro projects: review and cost reduction options 78500
Reddy, H. *see* Alien, S.T. 92544
Reddy, K.K. *see* Rao, D.N. 73350
Reddy, K.P.J. Passive mode locking of lasers using bacteriorhodopsin molecules 56601
Reddy, K.V.V.S. *see* Madhusudhana Rao, G. 58325
Reddy, M. *see* Rodwell, M.J.W. 61949
Reddy, M. *see* Rodwell, M.J.W. 72643
Reddy, M. *see* Ruai, Y.Yu. 70911
Reddy, M. *see* Smith, R.P. 81769
Reddy, M. *see* Woodhead, J. 71717
Reddy, M.B., Reddy, V.D., Reddy, P.V. Cation distribution of lithium-titanium mixed ferrites 71126
Reddy, M.C. *see* Nandakumar, V.N. 68571
Reddy, M.Y. *see* Jasper, W.J. 79053
Reddy, P. *see* Rodwell, M.J.W. 87471
Reddy, P.V. *see* Malik, M.A. 71125
Reddy, P.V. *see* Reddy, M.B. 71126
Reddy, P.Venugopal *see* Venugopal Reddy, P.
Reddy, R. *see* Heung-Yeung Shum 84817
Reddy, R. *see* Jagannathan, V. 74979
Reddy, R.K., Dietrich, D.L. A 2-level environmental-stress-screening (ESS) model: a mixed-distribution approach 60924
Reddy, R.L.N., Gupta, B., Srimani, P.K. A new fault tolerant distributed mutual exclusion algorithm 96771
Reddy, S. *see* Jagannathan, V. 74979
Reddy, S.M., Pomeranz, I., Jain, R. On codeword testing of two-rail and parity TSC checkers 70371
Reddy, S.M. *see* Kajihara, S. 49387
Reddy, S.M. *see* Pomeranz, I. 49367
Reddy, S.M. *see* Pomeranz, I. 70444

Reddy, S.M. *see* Pomeranz, I. 91698
Reddy, S.M. *see* Pomeranz, I. 91986
Reddy, S.M. *see* Pomeranz, I. 91990
Reddy, S.M. *see* Pomeranz, I. 92079
Reddy, S.M. *see* Pomeranz, I. 92156
Reddy, S.M. *see* Shahookar, K. 49238
Reddy, S.M. *see* Shrivastava, Y. 57377
Reddy, S.M. *see* Uppaluri, P. 70376
Reddy, S.P. *see* Rivera-Colon, R. 95557
Reddy, V.D. *see* Malik, M.A. 71125
Reddy, V.D. *see* Reddy, M.B. 71126
Reddy, V.Devender *see* Devender Reddy, V.
Reddy, V.U. *see* Indukumar, K.C. 73955
Reddy, V.U. *see* Mathew, G. 51451
Reddy, V.U. *see* Mathew, G. 74083
Reddy, V.U. *see* Sharma, G. 57497
Reddy, Y.S. *see* Dubey, S.S. 63284
Redfern, M.A., Angove, H.T. Impedances seen by distance relays applied to six-phase transmission systems 99779
Redfern, M.A., Angove, H.T., Barrett, J.I. The application of nonunit protection to six-phase transmission lines 60004
Redfern, M.A., Barrett, J.I., Usta, O., Yip, T. A new microprocessor based loss of grid protection for embedded generation 59979
Redfern, M.A., Chiwaya, A.A.W. A new approach to digital current differential protection for low and medium voltage feeder circuits using a digital voice-frequency grade communications channel 78208
Redfern, M.A. *see* Richards, S.H. 100907
Redford, A.H. *see* Geren, N. 55466
Redford, M., Price, E. The Teaching Company scheme, an academic-industry partnership—a case study 54345
Redford, S.J. The rationale for demand-side management 99569
Redgate, M.L., McKelvey, M.H., Jolly, C.L. Implementation of an integrated safety-program: the MD-90 antiskid system 59437
Redhammer, R. *see* Orgon, M. 93484
Redhead, P.A. History of ultrahigh vacuum pressure measurements 98351
Rediker, R.H. *see* Lau, S.D. 72413
Redinbo, G.F. *see* Lercel, M.J. 71544
Redivo-Zaglia, M. *see* Brezinski, C. 61173
Redkoretchev, V.I. *see* Usmanov, T. 72773
Redkovskii, N.N. *see* Gureev, V.A. 49045
Redkovskii, N.N. *see* Gureev, V.A. 88949
Redl, R., Balogh, L., Edwards, D.W. Optimum ZVS full-bridge DC/DC converter with PWM phase-shift control: analysis, design considerations, and experimental results 68792
Redl, R., Erisman, B.P. Reducing distortion in peak-current-controlled boost power-factor correctors 68074
Redl, R., Reizik, G.T., Erisman, B.P. Insulated-gate-transistor drivers for soft-switching converters, synchronous rectifiers, and ZVS/ZCS active snubbers 61532
Redl, R. *see* Balogh, L. 54082
Redl, R. *see* Erisman, B.P. 49155
Redlich, J.-P., Balfanz, D. Concepts for a flexible service architecture 96453
Redman-White, W., Bracey, M., Tijou, J., Murray, B., Hopwood, C. An analog CMOS front-end for a D2-MAC TV decoder 86693
Redman-White, W., Durham, A.M. Integrated fourth-order ΣΔ convertor with stable self-tuning continuous-time noise shaper 61770
Redman-White, W. *see* Lee, M.S.L. 93475
Redman-White, W. *see* Lin, J.T. 93303
Redmann, M. *see* Holzl, G. 69137
Redmann, R. *see* Grotzbach, M. 53610
Redmill, F. Designing for safety—some questions 54419
Redmond, B.L., Saturnelli, A., Poponiak, M. Enhancement of K-12 science, engineering and math education—a working model: A joint venture of education (pre-college)/education (college)/industry 54393
Redmond, D.P. *see* Jochem, W.J. 75867
Redmond, J. Nearly time-optimal feedback control of a magnetically levitated photolithography positioning system 81744
Redmond, J.A. *see* Huber, H.E. 59890
Redmond, T. *see* Rao, V. 92851
Redolfi, M. *see* Casalgrandi, A. 54187
Redoules, J.P. *see* Gannac, Y. 56206
Redpath, T.W. *see* Roditi, G.H. 59365
Redstall, M. *see* Gardan, D. 86382
Redstall, R.M. *see* Mellis, J. 86524
Redus, R.H. *see* Entine, G. 59409
Redwing, J.M., Kuech, T.F., Gordon, D.C., Vaartstra, B.A., Lau, S.S. Growth studies of erbium-doped GaAs deposited by metalorganic vapor phase epitaxy using novel cyclopentadienyl-based erbium sources 79804
Ree, M. *see* Labadie, J.W. 91021
Reece, C., Benesch, J., Kneisel, P., Kushnick, P., Mammosser, J., Powers, T. Performance of production SRF cavities for CEBAF 67127
Reece, C. *see* Phillips, L. 67124
Reece, C.S. On a trunk group with a finite waiting room 96211
Reece, C.S. *see* Medhi, D. 52236
Reece, R.K., Ahrens, L.A., Bleser, E.J., Brennan, J.M., Gardner, C., Glenn, J.W., Roser, T., Shoji, Y., vanAsselt, W., Weng, W.T. On the high intensity aspects of AGS Booster proton operation 87835
Reece, R.K., Casella, R., Culwick, B., Geller, J., Marneris, I., Sandberg, J., Soukas, A., Zhang, S.Y. Control and performance of the AGS and AGS booster main magnet power supplies 68746
Reed, A. *see* Gordon, J. 66836
Reed, B. *see* McDiarmid, C. 48769
Reed, C.W., Cichanowskil, S.W. The fundamentals of aging in HV polymer-film capacitors 92645
Reed, D.W. *see* Doering, R.R. 71805
Reed, E. *see* Ziock, H.J. 76767
Reed, F.E., Zhang, D., Zhang, T., Kolbas, R.M. Three-terminal bias induced dual wavelength semiconductor light emitter 72619
Reed, G.T. *see* Rickman, A.G. 52902
Reed, G.T. *see* Rickman, A.G. 94174
Reed, G.T. *see* Tang, C.K. 82659
Reed, I. *see* Gagliardi, R. 74236
Reed, I.S. *see* Al-Mashouq, K.A. 73679
Reed, I.S. *see* Al-Mashouq, K.A. 95063
Reed, I.S. *see* Chen, X. 83991
Reed, I.S. *see* Chin-Chi Hsu 95394
Reed, I.S. *see* Hsu, C.C. 57714
Reed, I.S. *see* Hsu, C.C. 83923
Reed, I.S. *see* Leu-Shing Lan 95910
Reed, I.S. *see* Xuemin Chen 73701
Reed, I.S. *see* Xuemin Chen 95200
Reed, I.S. *see* Xuemin Chen 95201
Reed, J., Fan, Z., Gao, G.B., Botchkarev, A., Morkoc, H. GaAs metal insulator semiconductor capacitors and high transconductance metal insulator semiconductor field effect transistors 55952
Reed, J. *see* Polichar, R. 87968
Reed, J.D. *see* Chen, Y.-P. 54886
Reed, J.H. *see* Laster, J.D. 65579
Reed, J.H. *see* Schirato, R.C. 59230
Reed, J.H. *see* Woerner, B.D. 75271
Reed, J.J. Data & analysis center for software (DACS) expert software capabilities and support services 68149
Reed, L. *see* Noren, J. 76601
Reed, L.S. *see* Yu, X. 75567
Reed, M. *see* Song-Sheng Tan 93250
Reed, M.A. *see* Deshpande, M.R. 62624
Reed, M.A. *see* Huber, J.L. 62668
Reed, M.A. *see* Macks, L.D. 81797
Reed, M.E. *see* Horazak, D.A. 89557
Reed, M.F. *see* Stufflebeam, J.L. 66137
Reed, M.L. *see* Dizon, R. 55783
Reed, M.L. *see* Dizon, R. 62473
Reed, P.A.S. *see* Dakin, J.P. 87254
Reed, R. *see* Long, D.G. 77536
Reed, R.A. *see* Beauvais, W.J. 70468
Reed, R.A. *see* Roth, D.R. 77135
Reed, R.D. *see* Sanders, J.E. 76879
Reed, R.P., Greenwoll, J.I. Characteristics and pulsed radiation response of non-ideal quartz shock stress gauges 87131
Reed, R.P., Greenwoll, J.I., Bauer, F., Lee, L.M., Davies, F.W., Johnson, D.J. Pulsed radiation response of stressed PVDF shock stress gauges 87112
Reed, R.P. *see* Bauer, F. 58676
Reed, S.E., Berthold, J.W., Seal, D.W., Baumbick, R.J. Fiber optic total pressure tranducer for aircraft applications 76019
Reed, T.R. *see* Hussain, I. 64682
Reed, W. *see* Peres, M. 65243
Reed, W.A. *see* Inniss, D. 82597
Reed, W.A. *see* Vengsarkar, A.M. 82547
Reedy, R. *see* Sopori, B.L. 100618
Reefman, P.D.C. COST 219 and COST 220: European co-operation in the area of scientific and technical research for the benefit of handicapped fellow-humans 65110
Reekie, H.M. *see* Hamilton, A. 49605
Reekie, H.M. *see* Murray, A.F. 61837
Reekie, L. *see* Archambault, J.L. 63390
Reekie, L. *see* Brady, G.P. 52899
Reekie, L. *see* Brady, G.P. 87251
Reekie, L. *see* Kringlebotn, J.T. 63709
Reekie, L. *see* Pask, H.M. 56731
Reekie, L. *see* Xu, M.-G. 52891
Reekie, L. *see* Xu, M.G. 66409
Reel, R. *see* Chung, T. 86593
Reemtsen, R.M. *see* Potchinkov, A.W. 55338
Reemtsen, R.M. *see* Potchinkov, A.W. 80469
Rees, D. *see* Evans, C. 98364
Rees, D. *see* Evans, E. 74011
Rees, D. *see* Grippe, J. 70309
Rees, D.E., Brittain, D.L., Grippe, J.M., Marrufo, O. Design and test results of a 600-kW tetrode amplifier for the Superconducting Super Collider 66821
Rees, D.E., Tallerico, P.J., Humphries, S.J., Jr. Rigid-beam model of a high-efficiency magnicon 67167
Rees, D.E. *see* Young, A. 67369
Rees, G. *see* Wang, T. 87918
Rees, G.H. Overview of future spallation neutron sources 87948
Rees, G.J. *see* David, J.P.R. 93314
Rees, G.J. *see* Pabla, A.S. 82720
Rees, G.J. *see* Pabla, A.S. 94177
Rees, P. *see* Smowton, P.M. 83093
Rees, P.K. *see* Strahle, S. 62903
Rees, S.M. *see* Seymour, R.S. 50662
Rees, W.G. *see* Sephton, A.J. 77448
Reese, C. *see* Schenck, K. 53905
Reeser, W. *see* Chii-Maw Uang 50445
Reeson, K.J. *see* Geatches, R.M. 71175
Reetz, R. *see* Feldbusch, F. 80313
Reeve, A. Measurement and control for Drax 53927
Reeve, F.W. *see* Little, T.D.C. 66026
Reeve, J., Sultan, M. Gain scheduling adaptive control strategies for HVDC systems to accommodate large disturbances 59911
Reeve, J., Sultan, M. Robust adaptive control of HVDC systems 78060
Reeve, P.A. *see* Otter, A.J. 76698
Reeve, S. *see* Pham, D. 92287
Reeves, B., Shipman, F. Supporting communication between designers with artifact-centered evolving information spaces 96719
Reeves, C. *see* Taur, Y. 62851
Reeves, C.M. *see* Walton, A.J. 62925
Reeves, C.R. Using genetic algorithms with small populations 57380
Reeves, G.D. *see* Milan, S.E. 94827
Reeves, G.K. *see* Leech, P.W. 93261
Reeves, J. One project management approach in the selection of a variable frequency AC sectional drive 79054
Reeves, J.H. *see* Avignone, F.T. 67288
Reeves, M. *see* Campbell, A. 70464
Reeves, M.E. *see* Kim, C.C. 53077
Reeves, R., Brady, V. Monolithic Ka-band FET receiver chips 80816
Reeves, R., Brady, V. Monolithic Ka-band FET receiver chips 92571
Reeves, R.J. *see* Huimin Liu 50920
Reeves, S. *see* Turner, L.R. 76672
Reeves, S.J. Optimal space-varying regularization in iterative image restoration 64735
Reeves, S.J., Heck, L.P. Selection of observations in signal reconstruction 84296
Reeves, S.J. *see* Bamberger, R.H. 74409
Reeves, S.J. *see* Perry, K.M. 74087
Reeves, S.J. *see* Perry, K.M. 84295
Refai, W. Real-time transmission of digital video 66027
Refice, M. *see* Pelillo, M. 84741
Refregier, P. Application of the stabilizing functional approach to pattern-recognition filters 51556
Refregier, P., Javidi, B., Zhang, G., Parchekani, F. Minimum mean square error filter for pattern recognition with spatially disjoint signal and scene noise 57676
Refregier, P. *see* Figue, J. 51572
Refregier, P. *see* Figue, J. 76201
Refregier, P. *see* Javidi, B. 51569
Refregier, P. *see* Javidi, B. 74360
Refregier, P. *see* Laude, V. 72551
Refregier, P. *see* Maze, S. 95978
Refsum, A. *see* Wu, Y. 49865
Refsum, A. *see* Xu, Q.F. 60282
Refsum, A. *see* Xu Qifeng 100208
Regalado, O. *see* Kimber, R. 99103
Regalia, P.A. An unbiased equation error identifier and reduced-order approximations 64488
Regan, A. *see* Grippe, J. 70309
Regan, A. *see* Lynch, M.T. 76295
Regan, A.H. *see* Jachim, S.P. 67230
Regan, A.H. *see* Ziomek, C.D. 76516
Regan, E. *see* Abt, N.E. 82181
Regan, K.S. *see* Cohen, S.A. 81062
Regan, R.H. *see* Clark, P.E. 54015
Regan, S.P., Huang, L.K., May, M.J., Moos, H.W., Stutman, D., Kovnovich, S., Finkenthal, M. Measured conversion efficiencies of P45, paraterphenyl, tetraphenyl butadiene, and sodium salicylate phosphors in the soft-X-ray wavelength range 63565
Regan, T. *see* Fenker, H. 67383
Reganato, F. *see* Trembinski, T. 59494
Regazzoni, C.S. Global probabilistic reinforcement of straight segments 57781
Regazzoni, C.S. Distributed extended Kalman filtering network for estimation and tracking of multiple objects 74558
Regazzoni, C.S., Tesei, A. Crowding evaluation by means of multi-hypothesis modelling 69700
Regazzoni, C.S. *see* Foresti, G. 64861
Regazzoni, C.S. *see* Murino, V. 86611
Regazzoni, C.S. *see* Murino, V. 98111
Rege, K.M., Sengupta, B. A decomposition theorem and related results for the discriminatory processor sharing queue 96206
Reggiani, L. *see* Bordone, P. 62185
Reggiani, L. *see* Gonzalez, T. 62675
Reggiani, L. *see* Gruzinskis, V. 61910
Reggiani, L. *see* Gruzinskis, V. 61926
Reggiani, L. *see* Gruzinskis, V. 92552
Reggiani, L. *see* Varani, L. 62155
Reggiannini, R. Coherent reception of generalized MSK over Rayleigh flat-fading channels 51306
Reggiannini, R. *see* D'Andrea, A.N. 51736
Reghini, S. *see* Smyntyna, V.A. 66530
Regi, F.X., Schneck, J., Palmier, J.F., Savary, H. 70 K hysteretic Josephson effect in mesas patterned on $(Bi,Pb)_2Sr_2CaCu_2O_y$ single crystals 82401
Regimato, L.L. Induction accelerator development for heavy ion fusion 67018

Reginato, L. *see* Stover, G. 67190
Reginato, L. *see* Yu, S. 67027
Reginatto, R., Rico, J.E.N. A slip frequency gain adaptation method based on MRAS for induction motor drives 100800
Regis, J. *see* Frouin, V. 76948
Regis, L., Paulson, N., Reynolds, J.A. Mask quality assessment 60984
Reglat, M. *see* Ramos, M. 94169
Regnet, M.M. *see* Becker, C.R. 61260
Regnier, H.K. Synchronous multiplex in digital field optic networks 97670
Rego, C.A., May, P.W., Williamson, E.C., Ashfold, M.N.R., Chia, Q.S., Rosser, K.N., Everitt, N.M. CVD diamond growth on germanium for IR window applications 79913
Rego, L.G.C., Algarte, A.C.S. Mechanism for LO-phonon temperature overshoot in GaAs 49773
Regolini, J.L., Bodnar, S., Oberlin, J.C., Ferrieu, F., Gauneau, M., Lambert, B., Boucaud, P. Strain compensated heterostructures in the $Si_{1-x-y}Ge_xC_y$ ternary system 91488
Regoyos, J.de *see* de Regoyos, J.
Regreny, P., Jacob, G., Gendry, M., Hollinger, G., Gauneau, M., Lecrosnier, D., Benyattou, T. Aging behavior of InP substrates prepared with 2 different epi-ready processes 55567
Regtien, P.P.L. *see* Setiadi, D. 66432
Regtien, P.P.L. *see* Wolffenbuttel, M.R. 87119
Reh, J. *see* Sisa, E.M. 79057
Rehacek, V. *see* Tvarozek, V. 66513
Rehage, M., Noe, R. Wavelength-selective polarisation analyser with integrated $Ti:LiNbO_3$ acousto-optical TE-TM converter 72498
Rehage, M. *see* Noe, R. 82757
Rehak, M. *see* Gupta, R. 76648
Rehak, M. *see* Lindner, M. 82420
Rehak, M. *see* Muratore, J. 82419
Rehak, M. *see* Thompson, P. 76655
Rehak, M. *see* Wanderer, P. 82421
Rehak, M. *see* Wanderer, P. 82422
Rehak, P. *see* Jalas, P. 88315
Rehak, P. *see* Jalas, P. 98724
Rehak, P. *see* Wei Chen 88054
Rehan, S.E., Elmasry, M.I. Modular switched-resistor ANN chip for character recognition using novel parallel VLSI architecture 70798
Rehbein, W. *see* Kaiser, R. 56593
Rehbein, W. *see* Kaiser, R. 86348
Rehberg, G. *see* Bochanky, L. 68125
Rehbold, R. *see* Muller, H. 78577
Rehder, R.H., Stutt, M.E. Developments to reduce deterioration caused by corona in large electrical machine insulation 60169
Reher, H.J. *see* Dricot, F. 99085
Rehim, S.S.Abd El *see* Abd El Rehim, S.S.
Rehm, K., Ovitt, T.W. Digital image processing of chest radiographs to compensate for the limitations of video displays 53407
Rehm, K.E., Paul, M., Gehring, J., Glagola, B., Henderson, D., Kutschera, W., Wuosmaa, A.H. Measurements of heavy-ion induced fusion cross sections with the gas-filled-magnet technique 76794
Rehman, S.S., Vukusic, J.I., Haq, I.U., Burge, R.E. Brewster angled semiconductor laser coupled to a rectangular core fibre grating 50837
Rehn, H., Kowarschik, R. Experimental investigations of the external self-pumped phase conjugate mirror 63925
Rehouma, F., Persegol, D., Kevorkian, A. Optical waveguides for evanescent field sensing 82661
Rehrmann, V. *see* Priese, L. 96048
Rehspringer, J.L. *see* Niznansky, D. 71950
Rehurek, P. *see* Lanyi, S. 75909
Rei-Chang Wang *see* Lin-Shan Lee 95300
Rei-Shin Cheng *see* Han-Bin Lin 82674
Reibert, P., Sopart, U. Progress in simulator training 89505
Reibling, L.A., Bublin, S.C. Diagnostic reasoning technology for the on-board maintenance system 59500
Reibman, A. *see* Balakrishnan, M. 74766
Reibman, A.R. *see* Haskell, B.G. 74413
Reibman, A.R. *see* Haskell, B.G. 85980
Reibman, A.R. *see* Lam, W.M. 85038
Reibman, A.R. *see* Lucantoni, D.M. 75084
Reibstein, R. Toxics use reduction planning by Massachusetts electronics firms 54439
Reich, H. *see* Franzke, B. 76402
Reich, M. Applying an advanced multi-axis motion processor for precision control 92295
Reich, N. *see* Mizeraczyk, J. 72684
Reich, T. *see* Howells, M.R. 88278
Reichardt, K. *see* Falleiros, M.C. 98649
Reichel, F., Loffler, W. Optical space frequency analysis for real-time pattern recognition 74311
Reichel, L. *see* Calvetti, D. 69832
Reichel, T. Peak Power Sensors NRV-Z, NAS-Z, NAP-Z: PEP measurements on TDMA radios, TV transmitters and lots more 86987
Reichel, V., Vobian, J., Gisin, N. Polarization mode dispersion measurements on long buried cables 52490
Reichelt, A. *see* Clemens, P.C. 82700
Reichenbach, D. *see* Birkhofer, A. 68404
Reichert, F., Ismailov, Y., Pruthi, P., Ohsawa, T. The Walkstation project—a flexible platform for experiments in mobile multimedia environments 86151
Reichert, F. *see* Klemets, A. 97111
Reichert, P. *see* Selker, M.D. 72758
Reichert, P.G. *see* Looyen, W.J. 77618
Reichert, W. *see* Chen, C.Y. 49895
Reichert, W.F. *see* Wang, C.A. 50819
Reichert, W.M. *see* Plowman, T.E. 63457
Reichinger, H., Baghai-Wadji, A.-R. Quasi-static field analysis of SAW devices with arbitrary geometries of electrodes and of metallic enclosures 82223
Reichinger, R.P., Baghai-Wadji, A.R., Seifert, F.J. Stress pattern on the electrode/substrate interfaces in SAW-devices 93829
Reichl, H. *see* Eldring, J. 55498
Reichl, H. *see* Engelmann, G. 62603
Reichl, H. *see* Kersten, P. 48695
Reichl, H. *see* Ostmann, A. 55502
Reichl, H. *see* Sun, Y. 81577
Reichl, H. *see* Zakel, E. 81119
Reichmanis, E. *see* Munzel, N. 81617
Reichmann, K.C. *see* Tsang, W.T. 72855
Reichmeyer, F., Hariri, S., Song, W., Jabbour, K. An optical hypercube local area network 52162
Reichner, A. *see* Chethik, F. 75361
Reichold, A. *see* Borer, K. 53347
Reichold, A. *see* Borer, K. 98687
Reid, A. *see* Wang, S. 58472
Reid, C.P. *see* Hamilton, W.J. 88060
Reid, C.S. *see* Chantler, M.J. 86615
Reid, D. *see* Dyer, P.E. 56368
Reid, D.B. *see* Scherzinger, B.M. 67712
Reid, D.B. *see* Woolven, S. 67714
Reid, D.C.J. *see* Farries, M.C. 56514
Reid, D.C.J. *see* Ragdale, C.M. 56591
Reid, D.J. *see* Williams, P.J. 86418
Reid, D.T., Dudley, J.M., Ebrahimzadeh, M., Sibbett, W. Soliton formation in a femtosecond optical parametric oscillator 63954
Reid, D.T., Dudley, J.M., Ebrahimzadeh, M., Sibbett, W. Ti:sapphire pumped femtosecond optical parametric oscillator exhibiting soliton formation 63983
Reid, E. *see* Champion, M. 67071
Reid, G.D. *see* Wynne, K. 63722
Reid, G.F. Some factors to consider when determining loading levels for substation transformers 78765
Reid, G.J., Brown, D.A. Multiplex architecture for 3×3 coupler based fiber-optic sensors 52901
Reid, I. *see* Chenavier, F. 95712
Reid, I.D. *see* Abela, R. 76400
Reid, J. *see* Hossack, D.M. 49511
Reid, J.S., Sun, X., Kolawa, E., Nicolet, M.-A. Ti-Si-N diffusion barriers between silicon and copper 81564
Reid, K.G. *see* Okada, Y. 71667
Reid, K.G. *see* Okada, Y. 81495
Reid, K.L., Bunt, R.B. An analysis of space priority queueing in ATM switches 75089
Reid, M. *see* Cosse, R., Jr. 60231
Reid, M.B. *see* Spirkovska, L. 64829
Reid, R. *see* Maciejko, R. 82655
Reid, R.A. *see* Clements, D.W. 60941
Reid, R.J. *see* Habboosh, A.W. 99403
Reid, R.S. *see* Hutchinson, P.A. 99997
Reid, S.A. *see* Barreto, A.B. 88499
Reid, T. *see* Fletcher, D. 51046
Reid, T.J. *see* Ragdale, C.M. 56591
Reid, W.E. Power quality issues—standards and guidelines 77876
Reid, W.G. *see* McCaskill, T.B. 87560
Reidlinger, D. *see* Mitchell, B. 96790
Reidy, J. *see* Brown, D. 59084
Reier, F. *see* Trommer, D. 58426
Reier, F.W. *see* Kappe, F. 63616
Reier, M., Swift, G. A ^{252}Cf time-of-flight system for SEU testing 71748
Reif, J.H., Yoshida, A. Free space optical message routing for high performance parallel computers 50702
Reif, J.H. *see* Azhar, S. 57625
Reif, J.H. *see* Schenfeld, E. 50640
Reif, J.H. *see* Yoshida, A. 64881
Reif, R. *see* Yih-Feng Chyan 55897
Reif, R. *see* Yih-Feng Chyan 55898
Reif, R. *see* Yih-Feng Chyan 55908
Reif, R. *see* Yih-Feng Chyan 62683
Reif, R. *see* Zhen-Hong Zhou 54895
Reif, R. *see* Zhou, Z.H. 91498
Reifenberger, R. *see* Paniccia, M. 62548
Reifman, J., Vitela, J.E. Accelerating learning of neural networks with conjugate gradients for nuclear power plant applications 53895
Reifman, J., Wei, T.Y.C., Abboud, R.G., Chasensky, T.M. Cooperative research and development for artificial intelligence based reactor diagnostic system 78296
Reig, A. *see* Alba, J.J. 77931
Reig, A. *see* Arronte, F. 53622
Reig, F. *see* Gimenez, G. 74927
Reiger, M.L., Stirniman, J.P. Using behavior modelling for proximity correction 71755
Reihani, K. Processing hierarchy for 2-d image structures 57699
Reihani, K., Mayorga, M. Asynchronous systolic realization for one-step adaptive lattice predictors 74223
Reihani, M. *see* Alexander, K.E. 62606
Reiley, T.C. *see* Fan, L.-S. 60270
Reillo, C. Motion-compensation-based algorithm for deinterlacing and up-conversion 64659
Reilly, B.P. Steam generator replacement at North Anna Unit 1 89604
Reilly, C.H. A comparison of alternative input models for synthetic optimization problems 69770
Reilly, D. *see* Short, B. 92714
Reilly, J.F. *see* Morris, S.F. 59654
Reilly, J.P. *see* Qiang Wu 57567
Reilly, J.P. *see* Yang, J. 74108
Reilly, J.W. *see* McCutchan, D.R. 55278
Reilly, M., Gardner, S., Goodman, J., Barnes, R. Calibrated GPS ionospheric receiver measurements applied to HF communication and surveillance missions 97022
Reilly, M. *see* Wells, G.M. 88300
Reilly, M.H. Virtual heights for oblique path calculations 73340
Reilly, M.H. A transionospheric radio propagation model 83657
Reilly, M.L. *see* Meyer, C.W. 66732
Reilly, M.T. *see* Hansen, M.E. 81606
Reilly, M.T. *see* Jyh-shyang Jenq 82031
Reilly, M.T. *see* Nachman, R. 81592
Reilly, M.T. *see* Pan, S. 81727
Reilly, R. *see* Dinkel, J. 67192
Reilly, R.E. *see* Hristoforou, E. 52793
Reilly, R.E. *see* Hristoforou, E. 82297
Reimann, C.T. *see* Axelsson, J. 88050
Reimann, P., Rohr, L. Amorphous metals or metallic glasses—properties and applications 63131
Reimann, T., Krummenacher, F., Declercq, M. High speed BiCMOS current mode differential track-and-hold circuit 93678
Reimann, V. *see* Tian, F. 75470
Reime, B. *see* Buschhorn, G. 76859
Reimer, C.R., Shefter, M.R. Clean-agent fire suppression alternatives 79233
Reimer, D. *see* Burmeister, L. 72243
Reimer, D. *see* Schilling, M. 50426
Reimer, D. *see* Schilling, M. 56240
Reimer, O. *see* Hof, M. 67310
Reimers, H. *see* Matla, W. 100201
Reimers, U. European system design for transmitting digitised TV signals by satellite 52689
Reimers, U. Future digital transmission 86676
Reimers, U. The European project on digital video broadcasting—achievements and current status 97549
Reimold, P. Delivery — a matter of making connections 90801
Reimund, J.A. Hierarchical modelling of line commutated power systems used in particle accelerators using Saber 67181
Rein, A. *see* Ronningen, T. 90089
Rein, H.-M., Schmid, R., Weger, P., Smith, T., Herzog, T., Lachner, R. A versatile Si-bipolar driver circuit with high output voltage swing for external and direct laser modulation in 10 Gb/s optical-fiber links 80414
Rein, H.-M. *see* Bertagnolli, E. 71612
Rein, H.-M. *see* Moller, M. 75411
Rein, H.-M. *see* Moller, M. 80147
Rein, H.-M. *see* Moller, M. 86457
Rein, H.M. *see* Kerber, M. 63037
Rein, H.M. *see* Meister, T.F. 62964
Reinartz, R. *see* Jochmann, M. 59194
Reinartz, R. *see* Kanyo, M. 87965
Reinartz, R. *see* Szepesvary, A. 53330
Reinaudo, C. Undersea cables: a state-of-the-art technology 52299
Reinaudo, C., Libert, J.F. Future developments on submarine cables and systems 86387
Reinbold, J., Buhlmann, K., Cammann, K., Wierig, A., Wimmer, C., Weber, E. Inclusion of organic vapours by crystalline hosts. Chemical-sensitive coatings for sensor applications 58901
Reindl, L., Ruile, W. Programmable reflectors for SAW-ID-tags 93825
Reindl, L. *see* Fauter, A. 93821
Reindl, L. *see* Wagner, K.C. 92347
Reine, M.B. *see* Mitra, P. 91526
Reineix, A., Ariaudo, M., Jecko, B., Barthelemy, A., Froehly, C. Adaptation of the FDTD method to the study of femtosecond electromagnetic soliton 73078
Reineix, A., Jecko, B. Introduction of radiating losses in the time-domain transmission-line method 73403
Reineix, A., Melon, C., Monediere, T., Jecko, F. The FDTD method applied to the study of microstrip patch antennas with a biased ferrite substrate 57237
Reineix, A. *see* Alaeddine, A. 57283
Reineix, A. *see* Kellali, S. 57068
Reineix, A. *see* Melon, C. 72067
Reinemann, D.J., Stetson, L.E., Laughlin, N.K. Response of dairy cattle to transient voltages and magnetic fields 79068
Reiner, G. *see* Fiedler, U. 97230
Reiner, J.C. *see* Gieser, H.A. 79483
Reineri, C.A., Gomez, J.C., Magnago, F. Experimental determination of fuse filler thermal conductivity 90264
Reiners, T. *see* Haberland, H. 91636
Reinert, J., Enslin, J.H.R., Smith, E.D. Digital control and optimization of a rolling rotor switched reluctance machine 68555

Reinert, J., Enslin, J.H.R., Smith, E.D. Aspects and improvements in rolling rotor switched reluctance motors 78595
Reinert, J., Parsley, G.M.J. Controlling the speed of an induction motor by resonating the rotor 68596
Reinert, W. *see* Bangert, A. 80770
Reinert, W. *see* Bangert, A. 80820
Reinert, W. *see* Schlechtweg, M. 80787
Reingruber, K. *see* Kneissl, M. 94300
Reinhand, N.O. *see* Ludman, J.E. 83375
Reinhard, D.K. *see* Sun, C.J. 55917
Reinhard, H. The rational use of electricity: proposals for the improvement of the economic and ecological position in industry 90683
Reinhard, M., Burgin, S. Network termination equipment with integrated a/b interfaces for SwissNet 65487
Reinhardt, C. *see* Karellas, A. 59297
Reinhardt, F. *see* Jonsson, J. 54897
Reinhardt, H.F. *see* Horstmann, G.A. 76950
Reinhardt, J.M., Higgins, W.E. Toward efficient morphological shape representation 84969
Reinhardt, K.A. *see* Awadelkarim, O.O. 81479
Reinhardt, M. *see* Lindner, J. 65690
Reinhardt, N. *see* Horwitz, J. 89242
Reinhardt, N. *see* Jiang, B. 71032
Reinhardt, N. *see* Kirkman, G. 62068
Reinhardt, N. *see* Yampolsky, I. 67183
Reinhardt, V.S., Shih, Y.C., Toth, P.A., Reynolds, S.C., Berman, A.L. Methods for measuring the power linearity of microwave detectors for radiometric applications 87416
Reinhardt, V.S. *see* Bazak, H.V., Jr. 58306
Reinhardt, W., Fenger, E. Performance measurements of ISODE and the convergence protocol RFC 1006 85329
Reinhardt, W. *see* Heinrichs, B. 51857
Reinhart, E.E. DAB systems for the Western Hemisphere: satellite system designs 97519
Reinhart, F.K. *see* Araujo, D. 71157
Reinhart, F.K. *see* Da Via, C. 53348
Reinhart, F.K. *see* Pfister, M. 71313
Reinhart, L. *see* Kyunghwan Oh 72741
Reinhart, L. *see* Qin Zhang 82544
Reinhart, L.J. *see* Mendez, A. 49040
Reinhart, R. *see* No, K.H. 83159
Reinhart, T. Operational avionics instrumentation 88673
Reinhart, W.F. *see* Lloyd, C.J.C. 99082
Reinheimer, A.L., Blouke, M.M. A simple model of electron-bombarded CCD gain 66463
Reinhold, J. *see* Friese, J. 87970
Reinhoudt, D.N. *see* Brzozka, Z. 58665
Reiniger, K.W. Independent resonant system tracking considerations [TRIUMF KAON Factory] 67182
Reiniger, K.W. *see* Kim, J.M.S. 67158
Reining, W.N. *see* Shults, M.C. 88471
Reininger, D.J. *see* Guha, A. 84921
Reininger, R., Crossley, S.L., Lagergren, M.A., Severson, M.C., Hansen, R.W.C. A plane grating monochromator for the new undulator at Aladdin: 8-240 eV 88291
Reininger, R. *see* Huber, D.L. 88273
Reininger, R. *see* Pham, D. 92287
Reininger, T. *see* Konc, M. 72007
Reinisch, B.W. *see* Lee, M.C. 83677
Reinke, L.J. Tutorial overview of flywheel energy storage in a photovoltaic power generation system 89755
Reinke, R. *see* Owens, D.H. 57474
Reinke, R.R. Interconnecting liquid crystal driver LSIs by TAB-on-glass and board to glass using heat seal connectors and anisotropic electrically conductive tape 90970
Reinkensmeyer, D.J. *see* Lum, P.S. 53478
Reinking, J.T., Prescott, G.E. Multirate detection of Gaussian signals of unknown bandwidth in noise 84415
Reinmann, J. *see* Kessler, Th. 56212
Reinmuth, K. *see* Kaifler, E. 62787
Reinsch, B., Stadelmaier, H.H., Petzow, G. The source of free iron in zinc-bonded permanent magnets based on $Sm_2Fe_{17}N_x$ 49012
Reinschmidt, K.F., Bo Ling Neural networks for steam boiler simulation and control 68456
Reinschmidt, K.F., Bo Ling Neural networks for NO_x control 78417
Reinschmidt, K.F., Bo Ling Neural networks for plant simulation and control 78431
Reinschmidt, R.M., Leuthold, D.H. Clocking considerations for a Pentium-based CPU module with 512K byte secondary cache 49468
Reintjes, J. *see* Bashkansky, M. 63935
Reintjes, J. *see* Gilbreath, G.C. 56869
Reintjes, J. *see* Moon, J.A. 84625
Reintjes, T. *see* Wang, J.-K. 73072
Reintsema, C.D., Ono, R.H., Harvey, T.E., Missert, N., Vale, L.R. Mutual phase locking in systems of high-T_c superconductor-normal metal-superconductor junctions 93949
Reintsema, C.D. *see* Kautz, R.L. 82377
Reis, F.S.Dos *see* Dos Reis, F.S.
Reis, I. *see* Hartiti, B. 100642
Reis, I. *see* Schindler, R. 100630
Reis, I. *see* Warta, W. 81184
Reis, R.R. *see* McGinn, V.P. 74036
Reischl, P. *see* Hwang, J.H. 68818
Reisenfeld, S., Kumar, A. Frequency error estimation for frequency comb multiple access demodulation 57960
Reiser, A. *see* Shih, H.-Y. 81656
Reiser, A. *see* Yeh, T.-F. 81667
Reiser, K. Vector quantization for recognition of hand written numerals 95973
Reiser, M. *see* Brown, N. 66857
Reiser, M. *see* Calame, J.P. 76376
Reiser, M. *see* Destler, W.W. 66801
Reiser, M. *see* Guharay, S.K. 53125
Reiser, M. *see* Guharay, S.K. 53229
Reiser, M. *see* Guharay, S.K. 59042
Reiser, M. *see* Guharay, S.K. 62598
Reiser, M. *see* Guharay, S.K. 76418
Reiser, M. *see* Kehne, D. 66858
Reiser, M. *see* Lawson, W. 76377
Reiser, M. *see* Wang, D.X. 87816
Reiser, M. *see* Wang, J.G. 87913
Reiser, R.A. Clark's invitation to the dance: an instructional designer's response 69429
Reisfeld, D. *see* Arad, N. 51668
Reisfeld, R., Shamrakov, D., Jorgensen, C. Photostable solar concentrators based on fluorescent glass films 90459
Reisfeld, R. *see* Sorek, Y. 94130
Reising, J. *see* Barry, T. 84182
Reising, J.M., Solz, T.J., Jr., Barry, T., Hartsock, D.C. New cockpit technology: unique opportunities for the pilot 77158
Reising, S.C. *see* Bell, T.F. 83687
Reisinger, A.R. *see* Hwang, K.C. 55415
Reisman, S. *see* Seshadri, K. 67436
Reisman, S.S. *see* Davies, M.R. 67546
Reisner, D.E., Klein, M. Bipolar nickel-metal hydride battery for hybrid vehicles 68983
Reisner, G.M. *see* Koren, G. 56244
Reisner, R.A.F. Knowing what to ask for: Privatization of telecommunications after the digital revolution guidelines for the host country 96305
Reiss, L.K., Merakos, L.F. Adaptive bandwidth reservation for traffic streams sharing an ATM virtual path 74639
Reiss, S., Weber, R., Heinig, K.-H., Skorupa, W. Experimental study and modeling of structure formation in buried layers at ion beam synthesis 55662
Reissenweber, J. *see* David, E. 98995
Reissner, J. *see* Keller, D.A. 60641
Reissner, M., Hadaier, G., Steiner, W., Fuchs, G., Gladun, A., Fischer, K. Transport and magnetic properties of Ag-sheathed Bi-2223 tapes 72209
Reissner, M., Steiner, W. On the height of the pinning potential in hT_c-superconductors 72210
Reist, H. *see* Crawford, J.F. 77054
Reistad, D. Recent developments at the Gustaf Werner cyclotron and CELSIUS 76309
Reistad, D. *see* Anderson, D. 87831
Reistad, G.M. *see* Aceves-Saborio, S. 54162
Reita, C. *see* Fortunato, G. 50001
Reita, C. *see* Hai-Gang Yang 61576
Reiten, M.T., Cheville, R.A., Halas, N.J. Wide bandwidth frequency doubling and harmonic generation of Ti:sapphire laser radiation 73107
Reiten, M.T., Cheville, R.A., Halas, N.J. Phase matching and focussing effects in noncollinear sum frequency mixing in the near VUV region 83269
Reiter, G. *see* Tidhar, G. 51709
Reiter, J.M., Arndt, F. A full-wave boundary contour mode-matching method (BCMM) for the rigorous CAD of single and cascaded optimized H-plane and E-plane bends 83798
Reiter, L. *see* Lindenmeier, H. 58319
Reiter, N. *see* Meyers, P.V. 100492
Reither, C. *see* Kropatsch, W.G. 85161
Reither, F. *see* Dudziak, H. 61625
Reitich, F. *see* Bruno, O.P. 69802
Reitich, F. *see* Bruno, O.P. 94781
Reitinger, R., Bletzinger, K.-U., Ramm, E. Shape optimization of buckling sensitive structures 54705
Reitmeier, G.A., Klensch, R.J., White, H.E. Channel coding approaches and consequences: Single and dual carriers 97660
Reitz, D. *see* Gaska, T. 88666
Reitz Uve *see* Uve Reitz
Reitze, D.H. *see* Bonlie, J.D. 82986
Reizik, G.T. *see* Redl, R. 61532
Rej, D.J., Wood, B.P., Faehl, R.J., Fleischmann, H.H. Magnetic insulation of secondary electrons in plasma source ion implantation 62387
Rejouan, E. *see* Hirech, M. 49339
Rekimoto, J. *see* Hamakawa, R. 58049
Rekioua, D., Rekioua, T. Current control by a regulator with hysteresis for a self-piloted permanent-magnet synchronous machine 78612
Rekioua, T. *see* Rekioua, D. 78612
Rekiouak, A., Cheo, B.R., Wurthman, G., Bates, C. A slow wave structure for gyro-TWA H_{11} operation 71047
Rekkas, C.M., Kyriakopoulos, K., Krikelis, N.J. An algorithm for the estimation of systematic errors in radar measurements 87528
Reksc, W., Leczykiewicz, T., Frackowiak, E. Polypropylene fibre material as a carrier for nickel electrodes 68944
Rela, P.R. *see* Pinheiro Filho, J.D. 98654
Relf, G.T. *see* Murray, A. 77033
Reljin, B. *see* Kandic, D. 61788
Rella, C. *see* Xu, Z. 94603
Rella, C.A. *see* Chui, H.C. 63993
Rella, C.A. *see* Martinet, E.L. 94604
Rella, R. *see* Micocci, G. 49778
Relph, B.M., Simmons, I.M., Stove, A.G. Electronically scanned radar for automotive obstacle avoidance 69181
Remaklus, P.W. *see* Stutzman, W.L. 57117
Remba, R.D. *see* Strifler, W.A. 70878
Rembold, D., Rupinkas, R. CAA compliance: fuel switching can be complex, yet rewarding 60093
Remelius, D. *see* Dowell, D. 76384
Remenyik, C.J. *see* Lind, R.F. 53082
Remenyuk, A.D. *see* Arinushkin, V.N. 49958
Remenyuk, A.D. *see* Astrova, E.V. 55545
Remer, P. *see* Lugscheider, E. 70081
Remes, J., Moilanen, H., Leppavuori, S., Vaananen, J., Uusimaki, A. The direct laser write-on exposure of thick film screens 62028
Remes, J. *see* Leppavuori, S. 66204
Remes, K. *see* Chun Ye 98307
Remesnik, V.G. *see* Talipov, N.Kh. 55559
Remesnik, V.G. *see* Varavin, V.S. 54909
Remiot, C., Chapron, P., Demay, B. A flash X-ray radiography diagnostic for studying surface phenomena under shock loading 87607
Remite, F., Jr. *see* Benimoff, N.I. 85556
Remizov, L.T. *see* Morozov, V.A. 88743
Remling, R. PSM defect repair using currently available tools 62574
Remme, R., Wagner, U. Comparison of circuit descriptions for programmable logic devices 80302
Remme, R. *see* Biehl, G. 92113
Remmers, F., Fenner, D. Ascom subscriber equipment for the Winter Olympics 65419
Remmers, F., Fenner, D. Crystal feature telephone for connection to SwissNet 65492
Remmert, G. *see* Apel, P. 53339
Remondi, B. *see* Cannon, M.E. 65731
Remondino, V. *see* Billan, J. 66859
Remondino, V. *see* Coull, L. 82423
Remy, M. *see* Ouennoughi, Z. 55876
Remy, M.A. *see* Wisnivesky, D. 67151
Ren, F. Fabrication techniques for self-aligned GaAs-based HBTs and submicron gate length FETs 81920
Ren, F., Abernathy, C.R., Pearton, S.J., Wisk, P.W. InP-based single heterojunction bipolar transistors with improved breakdown characteristics 71594
Ren, F., Cho, A.F., Sivco, D.L., Pearton, S.J., Abernathy, C.R. Use of Sn-doped GaAs for non-alloyed ohmic contacts to HEMTs 56026
Ren, F., Lothian, J.R., Pearton, S.J., Abernathy, C.R., Wisk, P.W., Fullowan, T.R., Tseng, B., Chu, S.N.G., Chen, Y.K., Yang, L.W., Fu, S.T., Brozovich, R.S., Lin, H.H., Henning, C.L., Henry, T. Fabrication of self-aligned GaAs/AlGaAs and GaAs/InGaP microwave power heterojunction bipolar transistors 93351
Ren, F. *see* Abernathy, C.R. 55824
Ren, F. *see* Abernathy, C.R. 93137
Ren, F. *see* Bharatan, S. 91489
Ren, F. *see* Fu, S.T. 92527
Ren, F. *see* Pearton, S.J. 49891
Ren, F. *see* Pearton, S.J. 49906
Ren, F. *see* Pearton, S.J. 55723
Ren, F. *see* Pearton, S.J. 55788
Ren, F. *see* Pearton, S.J. 55801
Ren, F. *see* Pearton, S.J. 62483
Ren, F. *see* Pearton, S.J. 63855
Ren, F. *see* Pearton, S.J. 71318
Ren, F. *see* Pearton, S.J. 71319
Ren, F. *see* Pearton, S.J. 71390
Ren, F. *see* Pearton, S.J. 81219
Ren, F. *see* Wisk, P.W. 48949
Ren, F. *see* Wu, C.S. 92551
Ren, F. *see* Yang, L.W. 55930
Ren, F. *see* Yang, L.W. 62715
Ren, F.Y.G. *see* Zheng, B. 56568
Ren, J., Eason, D.B., Churchill, L.E., Yu, Z., Boney, C., Cook, J.W., Jr., Schetzina, J.F., El-Masry, N.A. Integrated heterostructure devices composed of II-VI materials with Hg-based contact layers 69943
Ren, J., Eason, D.B., Yu, Z., Sneed, B., Cook, J.W., Jr., Schetzina, J.F., El-Masry, N.A., Yang, X.H., Song, J.J., Cantwell, G., Harsh, W.C. Blue/green ZnSe-ZnCdSe light-emitting diodes and photopumped laser structures grown by molecular beam epitaxy on ZnSe substrates 56569
Ren, J., Gandhi, O.P., Walker, L.R., Fraschilla, J., Boerman, C.R. Floquet-based FDTD analysis of two-dimensional phased array antennas 51268
Ren, J., Nagai, N., Ohtani, N., Miki, N. Realizing a completed-resonant level by using an asymmetrical triple-barrier structure 62628
Ren, J. *see* Eason, D.B. 72622
Ren, J. *see* Eason, D.B. 72634
Ren, K.F., Grehan, G., Gouesbet, G. Electromagnetic field expression of a laser sheet and the order of approximation 94722
Ren, W. *see* Gerhard-Multhaupt, R. 63950
Ren, Z. Comparison of different force calculation methods in 3D finite element modelling 83437
Ren, Z., Hartmann, Z., Schutze, H. A fast exact FTF adaptive algorithm 95462

Ren, Z., Razek, A. Permanent magnet modelling by edge element and facet element (discussion on the force distribution in permanent magnet) 50385
Ren, Z., Razek, A. Modelling of dynamical behaviours of electro-magneto-mechanical coupled systems 51049
Ren, Z., Razek, A. A strong coupled model for analysing dynamic behaviours of non-linear electromechanical systems 83524
Ren, Z., Schutze, H., Hartmann, I. Modified fast exact NLMS adaptive algorithm 64551
Ren, Z. *see* Li, C. 51004
Ren, Z.B. *see* Lang, T. 82696
Ren Diyuan *see* Zhang Guoqiang 62317
Ren Diyuan *see* Zhang Guoqiang 93428
Ren Feng-Cai *see* Luo Rui-Xian 52964
Ren Hongwen *see* Hongwen Ren
Ren Junyan *see* Zeng Xiaojun 98953
Ren Kailong *see* Zhang Shu 74423
Ren Li *see* Liang Chun-Yu 54547
Ren Ming Wang *see* Ning Hua Zhu 50512
Ren Qiang *see* Qiang Ren
Ren Shiyan *see* Shiyan Ren
Ren Tianying *see* Tianying Ren
Ren Wei *see* Wei Ren
Ren Weili Design of compatible Chinese-English Videotex terminal based on special-purpose network 58098
Ren Wenge *see* Wenge Ren
Ren Wenjie *see* Wenjie Ren
Ren Xiaotang *see* Yu Jinxiang 53244
Ren Xin *see* Qian Hanchen 83344
Ren Xin-Gen, Xu Guo-Ping SPICE model for the intrinsic noise of laser diodes 83080
Ren Xin-Hua *see* Chen Jian-Guo 74431
Ren Xingen, Xu Guoping, Dong Tianlin Parameter extraction of large signal circuit model of semiconductor laser 63756
Ren Xingen, Xu Guoping, Dong Tianlin Circuit modeling of nonlinear distortion of single-mode semiconductor laser diode 94520
Ren Yansong *see* Wu Jun 95348
Ren Ye *see* Ye Ren
Ren Yingzhou *see* Liao Guisheng 67950
Ren Yong, Chang Jichong, Sie Benchao On the implementation of an optimal polarimetric detection algorithm (PWF) with DSP56001 86579
Ren Zhaoxiang *see* Wang Honghua 100803
Ren Zhen *see* Lan Qinghua 89110
Ren Zhen *see* Liu Haijun 53684
Ren Zhixing *see* Zhixing Ren
Ren Zhong-Min *see* Zhong-Min Ren
Ren-Hung Hwang, Kurose, J.F., Towsley, D. MDP routing in ATM networks using virtual path concept 65432
Ren-Jie Zhang *see* Zhang Ren-Jie
Ren-Jun Li, Wei-Jen Lee, Shaoyan Ma Microprocessor based fast active power measurement 68331
Ren-Yuh Wang *see* Riskin, E.A. 64733
Renard, B. *see* Combes, P. 96405
Renard, C. *see* Fagin, B. 80243
Renard, C. *see* Sagnes, I. 66361
Renard, G. *see* Rougon, N. 95770
Renard, J.-P., Rasaminjanahary, J.-F., Zanellato, G. A mid-complexity coder for voice-mail 74892
Renardy, J.F. *see* Gingrich, D. 53291
Renaud, A. *see* Chancelier, J.-P. 60123
Renaud, D. *see* Altman, Z. 51194
Renaud, D. *see* Altman, Z. 94903
Renaud, P. *see* Brugger, J. 66284
Renaud, P. *see* Brunel, J.Y. 70228
Renaud, P.W. Development of heat and power demands a quota 89683
Renaudin, M. *see* Poize, M. 80472
Renault, F. *see* Julie, J.-J. 52644
Rencis, J.J. *see* Urekew, T.J. 79675
Rencz, A.N. *see* Chung, C.-J.F. 77227
Rendas, M.J.D., Bienvenu, G., Moura, J.M.F. Uncertainty modeling for ocean tomography systems 88827
Render, K.S. *see* Mohd, M.A. 83719
Rendle, C.G. A large area piston gauge for differential and gauge pressure from zero to 3,2 kPa 66736
Rendon, A.M. *see* Barlow, D.B. 76606
Reneberg, K.O. *see* Farrell, R.J. 68351
Reneker, D.H. *see* Doshi, J. 64103
Renema, A., II *see* Bellesis, G.H. 53023
Rener, B.A., McAreavy, M.J. Need for industry standards for the design of electrical systems for cleanrooms 68741
Renew, D.C. *see* Merchant, C.J. 53479
Renew, D.C. *see* Merchant, C.J. 77089
Renew, D.C. *see* Swanson, J. 53480
Renfrew, A.C. Quality control in engineering undergraduate teaching—some issues raised at individual course level 54355
Renfrow, D. *see* Rashid, E. 92286
Renfu Zhang *see* Zhang Renfu
Reng, N. *see* Kumkar, M. 63691
Reng, R.L., Schwarz, K., Schuessler, H.W. Analyzing finite-wordlength effects in block state space filters 80451
Rengarajan, S.R., Elliott, R.S. Broadwall slot coupling into butt-ended waveguide 73427
Rengarajan, S.R. *see* Peterson, C. 64220
Renger, T. *see* Domingo, J. 57940
Renhart, W. Computation of electromagnetic fields in the human body 53402
Renhart, W., Magele, C.A., Modl, N., Stollberger, R. Modelling and calculation of influences of RF-fields on the human body using the finite element method 88566
Reni, G. *see* Magni, R. 88492
Renjie Ding *see* Wenhua Liu 60114
Renk, B. *see* Beier, T. 53305
Renk, B. *see* Grafstrom, P. 76786
Renk, K.F. *see* Bespalov, A.V. 63750
Renk, K.F. *see* Nebosis, R.S. 66354
Renk, K.F. *see* Schonberger, R. 82796
Renk, K.F. *see* Semenov, A.D. 66352
Renker, D. *see* Abela, R. 76400
Renker, D. *see* Lorenz, E. 53294
Renkowitz, D. Satellite systems for cellular telephones 86280
Renmu He *see* He Renmu
Renn, A. *see* Bernet, S. 56975
Renn, A. *see* Maniloff, E.S. 56318
Renneberg, R. *see* Feldbrugge, R. 66504
Rennels, D.A., Hyeongil Kim Concurrent error detection in self-timed VLSI 70370
Renner, P.E., Bradley, D.A., Peterson, S.L. HVDC and impulse tests for hotline insulator washing and change-out on BPA's HVDC Intertie 78170
Renner, T. *see* Hui, J.Y. 51754
Rennert, K.D. *see* Eitz, A.W. 53923
Rennich, M. *see* Brown, D. 59084
Rennie, J., Onomura, M., Nishikawa, Y., Saito, S., Parbrook, S., Nitta, K., Ishikawa, M., Hatakoshi, G. High brightness low voltage mesa style ZnSe light emitting diodes 63601
Reno, S. *see* Lukaszek, W. 62366
Renotte, Y. *see* Manivannan, G. 57006
Renouprez, A. *see* Fessler, P. 67388
Renovell, M., Huc, P., Bertrand, Y. CMOS bridging fault modeling 49400
Rens, A.C.J.v. *see* v. Rens, A.C.J.
Rensburg, D.J.J.van *see* van Rensburg, D.J.J.
Rensch, D. *see* Macdonald, F. 49676
Rensch, D.B. *see* Hafizi, M. 61913
Rensch, D.B. *see* Hafizi, M. 62695
Rensch, D.B. *see* Hafizi, M. 92526
Rensch, D.B. *see* Hafizi, M. 92618
Rensfelt, K.-G. *see* Abrahamsson, K. 76307
Rensfelt, K.-G. *see* Danared, H. 67255
Renshan Zhang *see* Lampel, M. 71037
Renshaw, D. *see* Ramsay, C.S. 84671
Rensing, P. *see* Abe, K. 88115
Rensing, P. *see* Antilogus, P. 59064
Rensing, P. *see* Antilogus, P. 59127
Rensonnet, G. SYMBOL: multilingual and multicode lexical learning system on CD-I environment 98973
Rent, K., Thumm, G., Weiss, S. Advanced series compensator enhances flexibility for AC transmission systems 59815
Renteln, P. *see* Nguyen, C.T. 50012
Renteln, P. *see* Nguyen, C.T. 62814
Rentrop, P. *see* Weiner, R. 48860
Rentz, O., Haasis, H.-D., Jattke, A., Russ, P., Wietschel, M., Amann, M. Influence of energy-supply structure on emission-reduction costs 68350
Rentzepis, P.M. *see* Dvornikov, A.S. 63352
Rentzepis, P.M. *see* Ford, J.E. 56319
Rentzepis, P.M. *see* Hunter, S. 63357
Rentzsch, R. *see* Stefanyi, P. 53322
Rentzsch, R. *see* Stefanyi, P. 53335
Renwick, A. *see* McGhee, J. 58679
Renxiang Li, Bing Zeng, Liou, M.L. A robust and fast block motion estimation algorithm 96094
Renxing Li *see* Li Renxing
Renyu Zhang *see* Zhang Renyu
Renyuan, T. *see* Sun Yutian 89863
Renyuan Li, Stette, G., Bakken, P.M. SAW chirp Fourier transform for multicarrier transmission 96967
Renyuan Lyu *see* Lin-Shan Lee 95300
Renyuan Tang *see* Tang Renyuan
Renz, G. *see* Spindler, G. 53116
Renz, K. *see* Essl, H. 59897
Renz, K. *see* Johnson, R.K. 68180
Renz, K. *see* Pereira, M. 59816
Renz, K. *see* Thanh-Nam Le 68064
Renzhong Hua *see* Hua Renzhong
Renzhong Zhou *see* Zhou Renzhong
Renzhou Wang *see* Wang Renzhou
Reorda, M.Sonza *see* Sonza Reorda, M.
Reoxiang Li, Bing Zeng, Liou, M.L. A new three-step search algorithm for block motion estimation 84759
Repasky, K.S. *see* Wessel, J.G. 94322
Repeev, Yu.A. *see* Vinogradov, E.A. 73089
Repeko, A.P. *see* Radchikova, N.P. 85379
Repellin, J.P. *see* Gingrich, D. 53291
Repetto, M. *see* Chiampi, M. 64092
Repetto, M. *see* Costanzo, G. 75834
Repetto, M. *see* Costanzo, G. 75835
Repetto, M. *see* Girdinio, P. 83523
Repetto, M. *see* Manella, A. 72269
Repetto, M. *see* Marchesi, M.L. 83564
Repetto, M. *see* Polak, S. 83522
Repin, L.A., Chernin, R.A. The feasibility of producing electric power in low-pressure boiler houses 99944
Repinskii, S.M. Organized molecular assemblies as receptor centers of solid state chemical sensors 75954
Repnow, R. *see* Grieser, M. 76310
Reppel, G.W. *see* Velicescu, M. 49022
Repperger, D.W., Roberts, R.G. Aerospace robotics in supermaneuverable flight: defining the set of attainable motion fields in existing aircraft and motion simulators 59452
Repperger, D.W. *see* Roberts, R.G. 59453
Repplinger, F., Fogarassy, E., Grob, A., Grob, J.J., Muller, D., Prevot, B., Stoquert, J.P., De Unamuno, S. Preparation of $Si_{1-x}Ge_x$ thin crystalline films by pulsed excimer laser annealing of heavily Ge implanted Si 48958
Rericha, B. *see* Katz, B. 71491
Rerup, T.O., Crichton, G.C., McAllister, I.W. The λ-function and the response of electrostatic probes 83532
Resch, U. *see* Becker, K. 100887
Reschauer, N. *see* Nebosis, R.S. 66354
Rescia, S. *see* Benary, O. 53327
Rescia, S. *see* Benary, O. 98517
Rescia, S. *see* Benary, O. 98640
Rescia, S. *see* Citterio, M. 71724
Rescia, S. *see* Radeka, V. 67380
Reshef, H.W. *see* Yelden, E.F. 82913
Reshetkina, I.V. *see* Barteneva, O.A. 57735
Reshetnikov, A.N. *see* Alekseev, V.N. 94406
Reshetnyak, V.Yu. *see* Yaroshchuk, O.V. 73143
Reshit'ko, V.A. *see* Amosov, A.F. 99952
Residori, S. *see* Ciamberlini, C. 52959
Resing, J.A.C. *see* Boxma, O.J. 65514
Resmini, L. *see* Guarneri, R.M. 51899
Resnick, P. HyperVoice: a phone-based CSCW platform 96545
Resnick, P., Virzi, R.A. Skip and scan: cleaning up telephone interfaces 65205
Resnick, P. *see* Parks, H.G. 56072
Resnick, P. *see* Parks, H.G. 82067
Resnick, P.J. *see* Anderson, H.M. 81481
Resnick, S. *see* De Haan, L. 91227
Resnikoff, H.L. *see* Heller, P.N. 84785
Respondek, P. *see* Pusch, H. 89228
Ressayre, E. *see* Le Berre, M. 50931
Ressel, P., Strusny, H., Trapp, M., Krautle, H., Fritzsche, D. Secondary ion mass spectroscopy study of Zn or Cd implanted and rapid thermally annealed Pd/Ge contacts to p-$In_{0.53}Ga_{0.47}As$ 81336
Ressler, H. *see* Davis, J.A. 86907
Resta, G. *see* Codenotti, B. 48852
Restaino, D. *see* Kersch, A. 61394
Restaino, D. *see* Vollmer, B. 61410
Reste, S.Le *see* Le Reste, S.
Restle, P. *see* Harame, D.L. 93579
Restle, P.J., Park, J.W., Lloyd, B.F. DRAM variable retention time 61735
Reston, R.R., Lee, H.Y., Ito, C.R., Trombley, G.J., Havasy, C.K., Johnson, B. Enhanced gallium arsenide metal-semiconductor field effect transistors designed for high temperature operation 81976
Reston, R.R. *see* Kolesar, E.S. 88844
Restorff, J.B. *see* Sandlund, L. 63171
Restrepo, J. *see* de Perez, T.A. 74027
Restrepo Palacios, A., Bovik, A.C. On the statistical optimality of locally monotonic regression 64504
Restrepo Palacios, A., Chacon, L. A smoothing property of the median filter 64505
Restrick, R.C., III *see* Kahrs, M. 70440
Resvanis, L.K. *see* Anassontzis, E.G. 98510
Resvanis, L.K. *see* von Apeldoorn, G. 88116
Retersdorf, M.A. *see* Stapper, C.H. 61718
Rethmeier, O. *see* Holzheuer, H. 91730
Reti, F., Fleischer, M., Meixner, H., Giber, J. Influence of water on the coadsorption of oxidizing and reducing gases on the β-Ga_2O_3 surface 58874
Reti, F., Fleischer, M., Meixner, H., Giber, J. Effect of coadsorption of reducing gases on the conductivity of β-Ga_2O_3 thin films in the presence of O_2 66558
Retif, J.M., Allard, B., Jorda, X., Perez, A. Use of ASICs in PWM techniques for power converters 90575
Rettberg, L. *see* Venetucci, J. 89649
Retz, H., Hunger, A. Development of a processflow manager for an IC-diagnosis system 61477
Retzlaff, G.A. *see* Theunissen, J.A.P. 87981
Retzmann, D. *see* Krebs, R. 99764
Reu, P., Casalmir, P., Ostrander, L., Lee, B.Y., Yoon, W. Pressures at the residual limb-prosthesis interface 67622
Reuben, R.L. *see* Beerschwinger, U. 49030
Reuben, R.L. *see* Mathieson, D. 100184
Reuben, R.L. *see* Milne, N.G. 90039
Reuber, C. Optotuner chip for the data highway: new development allows optical frequency multiplexing 86472
Reucroft, P.J. *see* Marzouk, H.A. 79953
Reuhman-Huisken, M. *see* Schwalm, R. 81613
Reumerman, H.-J. *see* Budde, W.O. 55205
Reusch, M.F. A problem related to Earnshaw's Theorem 73199
Reusch, M.F., Bruhwiler, D.L. Optics simulations of the 5 MeV NPBSE FOX telescope 66856

Reusch, M.F., Weissenburger, D.W., Nearing, J.C. Optimization of magnet end-winding geometry 72256
Reusch, M.F. *see* Bruhwiler, D.L. 87815
Reusch, M.F. *see* Krishnaswamy, J. 63872
Reusch, M.F. *see* Murphy, J.B. 98442
Reuss, R.A. *see* Johnson, M. 55907
Reuss, R.H. Application of RTA to a 0.8 μm BiCMOS process 63027
Reuss, R.H., Werkhoven, C. Application of a cluster tool for control of bipolar polysilicon emitter transistor characteristics 63028
Reuster, D., Kaye, M. A technique for determining non-integer eigenvalues for solutions of ordinary differential equations 50994
Reustle, S.M. *see* Morton, C.H. 52025
Reuter, C.E., Joseph, R.M., Thiele, E.T., Katz, D.S., Taflove, A. Ultrawideband absorbing boundary condition for termination of waveguiding structures in FD-TD simulations 94909
Reuter, E. *see* Dorschner, H.W. 60382
Reuter, E. *see* Gu, S.Q. 56526
Reuter, E.E., Gu, S.Q., Xu, Q., Wohlmuth, W., Adesida, I., Bishop, S.G. Photo-injected carrier distributions in metal-semiconductor-metal photodetectors imaged by photoluminescence microscopy 82812
Reuter, H., Schmitt, H. On the efficiency of photon recycling in solar cells 78835
Reuter, M.C. *see* Falta, J. 79844
Reuter, M.C. *see* Horn-von Hoegen, M. 91504
Reuter, M.C. *see* LeGoues, F.K. 70144
Reuter, R. *see* Auer, U. 56043
Reuter, R. *see* Meiss, M. 60383
Reuter, R. *see* Scheffer, F. 56042
Reuther, H.M., Weinmann, M., Fischer, M., von Munch, W., Assmus, F. Modelling of oscillating quartz sensors and related structures 66211
Reutter, B. *see* Gevins, A. 88505
Reutter, W.G. *see* Zhu, N.Y. 57227
Revel, J.-P. *see* Cennini, P. 67285
Reventlow, C.van *see* van Reventlow, C.
Reverter, J. *see* Pont, M. 50191
Revesz, A.G., Afanas'ev, V.V., Hughes, H.L. Photo-injection studies of buried oxide layers in SIMOX and BESOI structures 93076
Revil, N. *see* Dutoit, M. 71694
Revil, N. *see* Mieville, J.-P. 50017
Revol, J.P. *see* Cennini, P. 76755
Revsater, R. *see* Andersson, K. 55932
Revva, P., Nassiopoulos, A.G., Travlos, A. Characterization of the titanium silicon two/Si interface in titanium disilicide films on silicon, formed by deposition of alternate titanium-silicon layers and annealing 55649
Revva, P., Nassiopoulos, A.G., Travlos, A. Room and low temperature electrical measurements for the interface characterization of titanium disilicides on silicon from multilayer titanium/silicon structures 62311
Revva, P. *see* Nassiopoulos, A.G. 81355
Rexford, J., Dolter, J., Kang Shin Hardware support for controlled interaction of guaranteed and best-effort communication 96164
Rexford, J. *see* Dolter, J. 65401
Rexford, J. *see* Greenberg, A.G. 74634
Rexing, L.J. *see* Schroeder, D.R. 79360
Rey, D. *see* Hogan, J.R. 52812
Rey, J. *see* Axelrad, V. 71510
Rey, J.P., Lamego, M.M., Dalvi, C., Vescovi, M.R., Ferreira, E.P. A numerical-based fuzzy PID controller applied to a DC drive 90569
Rey, S. *see* Eyraud, L. 50142
Reyer, F. *see* Handschin, E. 59788
Reyes, A. *see* Jennings, C. 99991
Reyes, A.C., El-Ghazaly, S.M., Dorn, S., Dydyk, M., Schroder, D.K. Silicon as a microwave substrate 80869
Reyes, A.S. Efficient partitioning-based method to determine the upper bound on the number of operating points in transistor circuits 70270
Reyes Romero, J. *see* Chipara, M.I. 98652
Reyes-Mena, A. *see* Karain, W.I. 92882
Reygenson, A., Menin, O.A., Smith, P.R., Hamm, R.A., Montgomery, R.K., Yadvish, R.D., Ritter, D., Haner, M. Ballistic transport effects in InP/GaInAs heterostructure bipolar transistors 93345
Reyhani, H., Quinlan, P. A 5 V, 6-b, 80 Ms/s BiCMOS flash ADC 80400
Reymann, D., Avrons, D. A transfer device for 10 V Josephson array measurements 82391
Reymann, D., Feller, U., de la Court, P., Witt, T.J. Comparisons of the Josephson voltage standard of the BIPM with those of the OFM and the NMi 66639
Reymann, D., Lo-Hive, J.-P., Geneves, G. A comparison of one volt Josephson junction array voltage standards driven by a common microwave source 66638
Reymann, D. *see* Lo-Hive, J.P. 86843
Reymann, D. *see* Witt, T.J. 87404
Reyna, L.G., Sobehart, J.R. Laser ablation of multilayer polymer films 79998
Reyna, L.G. *see* Vecchi, M.C. 71555
Reynal, C. *see* Darchy, H. 89414
Reynaud, F. *see* Pokrovskii, S. 94073
Reynaud, J., Pillay, P. Reclosing transients in induction machines including the effects of saturation of the magnetizing branch and a practical case study 79047
Reynaud, J. *see* Haque, T. 89968
Reynaud, M., Currier, P., Papiernik, A., Crochet, M. Beam steering of a microstrip antenna by use of a hybrid feed 86590
Reynaud, R. *see* Bouaziz, S. 70629
Reynaud, S. *see* Aoki, S. 53304
Reynders, J.P. *see* de Decker, D. 78067
Reyne, C., Magnin, H., Berliat, G., Clerc, C. A supervisor for the successive 3D computations of magnetic, mechanical and acoustic quantities in power oil inductors and transformers 90056
Reyne, G. *see* Benbouzid, M.E.H. 51003
Reyne, G. *see* Nabeta, S.I. 89845
Reynell, M. *see* Ridley, R. 55142
Reyneri, L.M., Chiaberge, M., Del Corso, D. Using coherent pulse width and edge modulations in artificial neural systems 49606
Reynier, V. *see* Chifflet, J. 96145
Reynolds, B.K. *see* Garcia, M.J. 92264
Reynolds, C.L., Jr. *see* Ebert, C.W. 61238
Reynolds, D. A 320 MHz CMOS triple 8b DAC with on-chip PLL and hardware cursor 92322
Reynolds, D.A. Experimental evaluation of features for robust speaker identification 95257
Reynolds, D.A. *see* Quatieri, T.F. 95320
Reynolds, D.A. *see* Rose, R.C. 51388
Reynolds, J. *see* Assis-Arantes, P. 97186
Reynolds, J. *see* Brownlow, P. 79207
Reynolds, J. *see* Brownlow, P. 80966
Reynolds, J. *see* Roy, S.R. 71316
Reynolds, J.A. *see* Regis, L. 60984
Reynolds, J.K. *see* Kenny, T.W. 87077
Reynolds, J.K. *see* Rockstad, H.K. 66241
Reynolds, K.Y. The evolution of digital audio and video format conversions 97702
Reynolds, M. Decision-making using computer conferencing: a case study 65445
Reynolds, P. Providing a stable influence [hydro turbine control] 78487
Reynolds, P. Good vibrations [hydraulic turbine control] 78494
Reynolds, P. *see* Katz, B. 71491
Reynolds, P.L., Sanders, P.W., Stockel, C.T. Uncertainty in telecommunication network planning 51910
Reynolds, Q., MacMahon, H.G., Freitag, J. Essential paste properties for fine line thick film 81088
Reynolds, R. New interest in small hydraulic turbines 89714
Reynolds, R. *see* Geist, R. 72079
Reynolds, S.C. *see* Reinhardt, V.S. 87416
Reynolds, T.E. *see* Tauber, D. 83138
Reynolds, T.M. *see* Cole, J.S., Jr. 53573
Reysner, P. *see* DeHope, W. 92901
Rez, P. *see* Medlin, D.L. 70126
Reza Soltani, A., Moeanaddin, R. On dispersion of stable random vectors and its application in the prediction of multivariate stable processes 91226
Reza Zoughi *see* Chin-Yung Yeh 98283
Rezaie, K., Osanna, P.H., Durakbasa, N.M. Application of co-ordinate measurement technology to the detection, computation and optimisation of the shape of endoprostheses 77060
Rezaie, K. *see* Osanna, P. 77061
Rezayat, F. Locating the faulty component in a malfunctioning repetitive operation 91087
Rezazadeh, A.A. *see* Bashar, S.A. 49818
Rezazadeh, A.A. *see* Kren, D.E. 55910
Rezeau, J. Integrating telematics data into CALL packages 85625
Rezek, A.J.J., da Silva, V.F., Nakashima, K., Campos, A.L.S., Santos, C.C.J., Junior, N.O., da Silva, P.P. A wound-rotor induction motor closed-loop control system 100121
Reznichenko, A.M. *see* Zil'berman, G.Ye. 94220
Reznichenko, Yu. *see* Kotler, V.R. 89657
Reznik, A.N. *see* Gaikovich, K.P. 66713
Reznik, A.N. *see* Kotov, A.K. 52851
Reznik, S. *see* Furlani, E.P. 83488
Reznik, V.A. *see* Kochanov, E.S. 83486
Reznikov, B.I., Tsarenkov, G.V. Light-controlled electric fields in a high-resistance MSM structure with deep impurity levels. I. Low intensities 49835
Reznikov, S.G. *see* Afanasiev, S.V. 52771
Rezov, A.V. *see* Bunkin, A.F. 77209
Reztsov, V.F., Surzhik, T.V., Shevchuk, V.I. Stability of the system photobattery–direct-current motor–non-linear mechanical load 90022
Rezunkov, Yu.A. *see* Ageichik, A.A. 73103
Rezzi, F. *see* Baschirotto, A. 93673
Rhalibi, A.El *see* El Rhalibi, A.
Rhea, J.H. *see* Kuhl, L. 68145
Rhea, J.L. *see* Baeder, B.T. 67943
Rhea, K. *see* Wang, W.W. 56324
Rhea, R. PC tools simulate and synthesize RF circuits 55043
Rhee, B., Sugai, Y., Hirata, H. A new over-the-cell channel routing with three-layer using a channel-graph 58006
Rhee, B., Sugai, Y., Hirata, H. A new HVHD model four-layer channel router using a channel-graph 62917
Rhee, C. *see* Hahn, J.W. 66344
Rhee, J. *see* Sha, W. 62300
Rhee, J.-R. *see* Shin, Y.-D. 53029
Rhee, J.M. *see* Junseok Lim 67948
Rhee, K.W. *see* Chu, W. 49927
Rhee, K.W. *see* Dobisz, E.A. 81599
Rhee Choong-Sun *see* Choong-Sun Rhee
Rhee Do Jun *see* Do Jun Rhee
Rhee Jin Koo *see* Jin Koo Rhee
Rhee June-Koo *see* June-Koo Rhee
Rhee Kang Hyeon *see* Kang Hyeon Rhee
Rhee Kee Woo *see* Kee Woo Rhee
Rhee Sang Burm *see* Sang Burm Rhee
Rhee Shi Woo *see* Shi Woo Rhee
Rheem Jae Yeol *see* Jae Yeol Rheem
Rheenen, A.D.van *see* van Rheenen, A.D.
Rheinboldt, W.C. *see* Brodzik, M.L. 91367
Rheinboldt, W.C. *see* Jinn-Liang Liu 48830
Rheinfelder, C., Scholl, G., Weigel, R., Ruppel, C.C.W., Russer, P. Feedback-controlled compensation of parameter fluctuations of mobile radio SAW IF channel filters 97078
Rheinschmitt, R., Tangemann, M., Weis, B.X. A-SDMA: a new multiplex method for mobile radio systems 65695
Rhiger, D.R. *see* Hamilton, W.J. 88060
Rhiger, D.R. *see* Hamilton, W.J. 98576
Rhine, D. *see* Hudgens, R. 80736
Rhinehart, R.R. *see* Cao, S. 62431
Rhinehart, R.R. *see* Parekh, M. 62464
Rho Ji Hyun *see* Ji Hyun Rho
Rho June-Kyung *see* June-Kyung Rho
Rho Woo Shik *see* Woo Shik Rho
Rhoadarmer, T.A. *see* Gustafson, S.C. 74373
Rhoades, J. *see* Carrigan, R.A., Jr. 59039
Rhoads, F.J. IONCAP/VOACAP: comparisons and contrasts 83655
Rhoads, F.J. *see* DeBlasio, L.M. 73344
Rhode, J.P. *see* Harris, M.B. 68332
Rhoden, A.L. *see* Stone, P.J.W. 63944
Rhodes, C.T., Shao, X.M., Krehbiel, P.R., Thomas, R.J., Hayenga, C.O. Observations of lightning phenomena using radio interferometry 67812
Rhodes, C.W. Digital high definition television testing in North America 97651
Rhodes, G. *see* Dedieu, H. 49044
Rhodes, G. *see* Dedieu, H. 92433
Rhodes, J.D. Switched bandstop filters 55320
Rhodes, J.M. Photogrammetry for site selection 78257
Rhodes, L. *see* Niedringhaus, W.P. 58111
Rhodes, M. The future of telecommunications services in Europe 85399
Rhodes, P.J., Powell, J.A. Tell them a story!: a theoretical model to assist in the transfer of architectural design information through video 66079
Rhodes, R. *see* Matloubian, M. 61935
Rhodes, R.K. *see* Shults, M.C. 88471
Rhodes, S.J., Day, G.C. The use of test masks in the analysis of device yields 55263
Rhodes, S.P. Applications of life cycle assessment in the electronics industry for product design and marketing claims 54460
Rhodes, S.P. *see* Brinkley, A. 79364
Rhodes, W.T. *see* Stroud, R.W. 64032
Rhoneck, C.von *see* von Rhoneck, C.
Rhudy, R.G. *see* Rosenquist, W.A. 89572
Rhyne, T. *see* Drake, K. 48677
Rhyne, T.L., Panda, S. Design implications of using transducer noise figure as the basis of sensitivity 99330
Rhyner, S. *see* Krasnoperova, A.A. 81601
Ri-Chee Chou The modelling and the electromagnetic scattering from bifurcated open-ended cavities 57081
Ri-Chee Chou *see* Lovberg, J. 77175
Riabkina-Fishman, M., Zahavi, J. Patterning of superconducting YBCO films 93904
Riabko, A. *see* Li, D. 98409
Riabko, A. *see* Liu, J.Y. 98399
Riad, A.S., Khalil, S.M., Darwish, S. Effect of temperature on photoconduction and low frequency capacitance measurements on β-CuPc photovoltaic cells 90399
Rialland, J.F. *see* Groniecki, P. 63162
Ribarics, P. A second level neural network trigger in the H1 experiment at HERA 74342
Ribarics, P., Mock, J., Fent, J., Frochtenicht, W., Gruber, A., Goldner, D., Kiesling, C., Kobler, T., Kolanoski, H., Kramerkamper, T. Constructed network for background encapsulation in the second-level trigger of the H1-experiment 88255
Ribarics, P. *see* Gruber, A. 88256
Ribarics, P. *see* Kiesling, C. 88254
Ribarics, P. *see* Kramerkamper, T. 88257
Ribas, E.G., Basterrechea, J., Catedra, M.F. 2-D validation of a formulation for the analysis of 3-D bodies that are periodic in one direction and finite sized in the others 73204
Ribbe, T. *see* Larsson, S.A. 59361
Ribbens, W.B. *see* Park, J. 79464
Ribberink, J.S. *see* Jansen, D. 60152
Ribeiro, A.B.Lobo *see* Lobo Ribeiro, A.B.
Ribeiro, C.A. *see* Gama, S. 50216
Ribeiro, C.C. *see* Andreatta, A.A. 91972
Ribeiro, C.C. *see* Leopoldino, C.M.A. 99612
Ribeiro, F.J., Latge, A. Impurities in a quantum dot: a comparative study 81293
Ribeiro, G.M. *see* de Oliveira, A.G. 50665

Ribeiro, G.M. *see* Medeiros-Ribeiro, G. 49774
Ribeiro, R. *see* Almeida, J. 87994
Ribeiro, R.F.S., Ferreira da Rocha, J.R. Computationally efficient methods for bit-error rate evaluation in weakly coherent optical systems 97348
Ribeiro do Val, J.B. *see* Lavelha, A.C. 74680
Riblet, H.J. Proposed expansions for the capacitance of a square centered in a circle 55435
Ribner, D.B. Multistage bandpass delta sigma modulators 70692
Ricaldone, P.G. *see* Caviglia, F. 86525
Ricard, D., Ghanassi, M., Schanne-Klein, M.C. Dielectric confinement and the linear and nonlinear optical properties of semiconductor-doped glasses 56925
Ricart, D. *see* Askenazy, S. 83568
Ricart, G. Free the Internet! 96674
Ricaud, Ch. *see* Joubert, A. 76318
Ricault, C. *see* Auger, G. 98385
Riccardi, C. *see* Arena, V. 53299
Riccardi, F. *see* Aoki, S. 53304
Riccardi, F. *see* Buontempo, S. 53296
Riccardi, F. *see* Buontempo, S. 53297
Riccardi, F. *see* Buontempo, S. 87987
Riccardi, F. *see* Buontempo, S. 98502
Riccardi, G. *see* Mian, G.A. 95240
Ricci, A.R. *see* Cherry, S.R. 88092
Ricci, A.R. *see* Guerrero, T.M. 98826
Ricci, D. *see* Fiore, L. 98893
Ricci, F. *see* Cinquegrana, C. 97970
Ricci, G. *see* Conte, E. 88821
Ricci, G. *see* Conte, E. 97857
Ricci, M. *see* Balsamo, E.P. 82475
Ricci, M.V. The superconducting toroidal field coils and the central solenoid of ITER: concept evolution and present status 94016
Ricci, M.V. *see* Blau, B. 82440
Ricci, V. Electrical transients in industrial power supply environment 60631
Ricci, V. Circuit transients caused by the switching of inductive loads and their blanking 69268
Ricci, V. Electric noises suppression technology is very important to let electronic controls work in optimal environmental conditions 73386
Ricciardi, S. *see* Buontempo, S. 53296
Ricciardi, S. *see* Buontempo, S. 98502
Riccio, D. *see* Migliaccio, M. 67758
Riccio, G. *see* Bucci, O.M. 51202
Ricco, B. *see* Abramo, A. 62629
Ricco, B. *see* Begin, M. 97839
Ricco, B. *see* Favalli, M. 49305
Ricco, B. *see* Fiegna, C. 62791
Ricco, B. *see* Fiegna, C. 71693
Ricco, B. *see* Lanzoni, M. 50094
Ricco, B. *see* Metra, C. 55175
Ricco, B. *see* Metra, C. 82061
Ricco, B. *see* Selmi, L. 62756
Ricco, B. *see* Selmi, L. 62841
Ricco, B. *see* Selmi, L. 93399
Ricco, B. *see* Tsuboi, Y. 49966
Ricco, F. *see* Gennari, S. 71120
Ricco, G. *see* Prati, P. 53355
Riccobene, C., Wachutka, G., Baltes, H. Two-dimensional numerical analysis of novel magnetotransistor with partially removed substrate 66305
Riccobene, C., Wachutka, G., Baltes, H. Numerical study of structural variants of bipolar magnetotransistors 87063
Riccobene, C., Wachutka, G., Burgler, J., Baltes, H. Operating principle of dual collector magnetotransistors studied by two-dimensional simulation 75930
Rice, B.F., Wilhoyte, M.E. Reconstruction of wideband signals from outputs of overlapped, delayed narrowband receivers 84222
Rice, D. CESR luminosity upgrades and experiments 76320
Rice, D. *see* Chen, T. 87802
Rice, D.E. A detailed analysis of six-pulse converter harmonic currents 60317
Rice, D.H. *see* Temnykh, A.B. 76534
Rice, D.L. *see* Kersley, L. 73334
Rice, J. *see* Johnstone, W. 56401
Rice, J.P., Grossman, E.N., Borcherdt, L.J., Rudman, D.A. High-T_c superconducting antenna-coupled microbolometer on silicon 63307
Rice, J.P., Grossman, E.N., Rudman, D.A. Antenna-coupled high-T_c air-bridge microbolometer on silicon 72232
Rice, J.P. *see* Bang, C.A. 62035
Rice, J.R. Academic programs in computational science and engineering 48591
Rice, M. Application of generalized minimum distance decoding to hybrid-ARQ error control 51354
Rice, M., Wicker, S.B. Adaptive error control for slowly varying channels 51361
Rice, M., Wicker, S.B. A sequential scheme for adaptive error control over slowly varying channels 57362
Rice, P., Moreland, J., Wadas, A. DC magnetic force microscopy imaging of thin-film recording head 76163
Rice, P. *see* Ho, T.C. 80735
Rice, P.D. *see* Ho, T.C. 49657
Rice, P.D. *see* Seng-Woon Chen 49660
Rice, R.A. *see* Qi Hong Wu 50599
Rice, R.E. *see* Fish, R.S. 65451
Rice, R.P., Huguley, J.T., Jr. Describing collaborative forms: a profile of the team-writing process 79192
Rice, W.O., Spears, D. Whats new in B-ISDN standards? 58218
Rich, D.A., Bo, S., Cassara, F.A. Cochannel FM interference suppression using adaptive notch filters 73387
Rich, D.C. Critical parameters in the measurement of the color of nonimpact printing 53066
Rich, D.H. *see* Goldman, R.S. 81229
Rich, D.H. *see* Rajkumar, K.C. 54843
Rich, M. Building computer supported group work into an MBA programme 85608
Rich Christie *see* Hofmann, M. 68318
Richard, A. *see* Stappers, V. 52542
Richard, C., Eyraud, P., Eyraud, L., Audigier, D., Richard, M. An optimization of 1.3.1 PZT-polymer composite for deep underwater hydrophone application 56113
Richard, C., Eyraud, P., Eyraud, L., Richard, M., Grange, G. 1.3.1 PZT-polymer composites for high pressure hydrophone application 56147
Richard, E. *see* de Murcia, M. 55554
Richard, G. *see* Erickson, R. 77064
Richard, J. *see* Ladret, D. 61867
Richard, J. *see* Le Roy, I. 65895
Richard, J. *see* Mavrocordatos, C. 77369
Richard, M. *see* Richard, C. 56113
Richard, M. *see* Richard, C. 56147
Richard, M.D. Properties and discrimination of chaotic maps 85208
Richard, N., Szylowicz, N. Comparison between a permeance network model and a 2D finite element model for the inrush current computation in a three phase transformer 80936
Richard, P. *see* Hidmi, H.I. 59013
Richard, P. *see* Lecomte, R. 59286
Richard, P. *see* Lecomte, R. 88411
Richard, P. *see* Lecomte, R. 98870
Richard, P.G. *see* Conroy, M.D. 68305
Richard, T.A. *see* Chelakara, R.V. 83040
Richard, T.A. *see* Maranowski, S.A. 50808
Richard, T.A. *see* Ries, M.J. 72877
Richard, W.D., Arthur, R.M. Real-time ultrasonic scan conversion via linear interpolation of oversampled vectors 76978
Richard, W.D. *see* Trobaugh, J.W. 76951
Richard, W.D. *see* Trobaugh, J.W. 88396
Richards, A. *see* Seneviratne, A. 74866
Richards, D. *see* Gargano, L. 85439
Richards, D. *see* Liestman, A.L. 58152
Richards, E.P. *see* Walter, C. 79203
Richards, F.P. *see* da Silva, C.M. 83855
Richards, J. *see* Dohler, G. 92888
Richards, J. *see* Garabedian, R. 66248
Richards, J. *see* Seymour, R.S. 50662
Richards, J.A. *see* Xiuping Jia 77695
Richards, K., Sullivan, G.D. Estimation of cloud cover using colour and texture 88762
Richards, M.A. SEM representation of the early and late time fields scattered from wire targets 57101
Richards, M.A. Partial survey of codes for high frequency scattering from facet models of radar targets 75552
Richards, M.A. Theoretical discrimination of thin-wire aircraft targets using single-mode extraction pulses 75600
Richards, M.A. *see* Twelves, C.J. 59262
Richards, P.L. Bolometers for infrared and millimeter waves 75978
Richards, P.L. *see* Clapp, A. 58784
Richards, P.L. *see* Tanaka, S.T. 58782
Richards, R. *see* de Barbaro, P. 98584
Richards, S.H., Redfern, M.A., Horton, A. Protection of 25 kV railway electrified overhead lines 100907
Richardson, A. Industry and business requirements 69436
Richardson, A. *see* Chassaing, R. 69411
Richardson, A.B. *see* Lane, G. 97588
Richardson, A.O., Miramontes, G. Performance and throughput assessment of the Motorola DSP96002 for real-time FIR filter implementations 92403
Richardson, A.V. Upgrading the Anglo-Scottish Interconnection: keynote address & project overview 59797
Richardson, B. *see* Harrison, T. 89219
Richardson, C.B. *see* McBrayer, J.D. 90341
Richardson, C.G. The role of quality compounding on cable life: cable performance and integrity depend on the components of the cable 89266
Richardson, C.H. The representation of morphological systems and meta-systems for automatic symbolic manipulations 84965
Richardson, D. Developments in low profile, conformal coated, surface mount solid tantalum capacitors 80924
Richardson, D.J., Chamberlin, R.P., Dong, L., Payne, D.N. Experimental demonstration of 100 GHz dark soliton generation and propagation using a dispersion decreasing fibre 75505
Richardson, D.J., Shipulin, A.V., Dianov, E.M., Payne, D.N. 40 GHz soliton train generation through multisoliton pulse compression in a dispersion varying optical fibre circuit 65801
Richardson, D.J. *see* Laming, R.I. 82580
Richardson, G.D. *see* Khoshgoftaar, T.M. 91229
Richardson, I.E.G., Riley, M.J. ATM Cells Loss Effects on Video Traffic 52210
Richardson, I.E.G., Riley, M.J., Haston, W. SAVIOUR: telemedicine in action 75110
Richardson, I.E.G. *see* Butler, R.A. 95808
Richardson, J.B. *see* Wang, S. 98868
Richardson, J.E. The visual dimension of writing 79154
Richardson, J.E. *see* Sharma, T.C. 59483
Richardson, K.W. *see* Holley, E.P. 78427
Richardson, L.M. *see* Busby, P.A. 59414
Richardson, M.C. *see* Beaud, P. 72730
Richardson, M.C. *see* Yanovsky, V.P. 63729
Richardson, P.G. Analysis of the adaptive space time processing technique for airborne radar 86530
Richardson, R. *see* Deis, G. 87958
Richardson, R. *see* Heim, J. 88070
Richardson, R.D., Platt, R.C., Crist, C.E. Beam emittance from coherent Cherenkov radiation in a solid dielectric 76599
Richardson, R.D. *see* Drozhdin, A.I. 87838
Richardson, T. Strategy for integrated management systems and platform support 58060
Richardson, T., Bennet, F., Mapp, G., Hopper, A. Teleporting in an X window system environment 85630
Richardson, T., Topacli, A., Abd Majid, W.H., Greenwood, M.B., Bruce, D.W., Thornton, A., Marsden, J.R. Langmuir-Blodgett films of stilbazole complexes of iridium(I) and rhodium(I) 71837
Richardson, T. *see* Abd Majid, W.H. 71923
Richardson, T. *see* Dudley, R.M. 73584
Richardson, T. *see* Murphy, C.E. 56151
Richardson, T.A., Ingham, A.R. Signalling network design tools 65086
Richeaux, J.P. *see* Borer, K. 98687
Richens, F. *see* Heary, K.P. 53814
Richer, C. *see* Cave, J.R. 82434
Richert, H.-E. *see* Diamond, H.G. 61191
Richerzhagen, N. *see* Lottgen, J. 88417
Richetta, R.A. *see* Philpott, R.A. 49573
Richey, D.M., Cressler, J.D., Jaeger, R.C. Numerical simulation of SiGe HBT's at cryogenic temperatures 62704
Richey, D.M. *see* Cressler, J.D. 62702
Richie, D.A. *see* Choquette, K.D. 50807
Richie, S. *see* Rothery, M. 55037
Richie, S.M., Fulton, C.A., Abbott, B.P. The implementation of the complex Chebyshev approximation for the synthesis of SAW filters 93820
Richie, S.M. *see* Chang, R.E. 99346
Richied, D. *see* Deis, G. 87958
Richied, D. *see* Heim, J. 88070
Richley, E. *see* Demers, A. 65370
Richman, B. *see* Xu, Z. 94603
Richman, B.A. *see* Martinet, E.L. 94604
Richman, B.I. *see* Chui, H.C. 63993
Richmond, G.L. *see* Fischer, P.R. 93065
Richmond, I.M. Justification of IT investment 60888
Richner, H. *see* Steiner, A. 88776
Richner, T., Castori, P., Pleinevaux, P. Architecture of an MMS event manager 57979
Richoz, C. Solar power keeps remote customers in touch 96924
Richtel, W. *see* Gingrich, D. 53291
Richter, A. *see* Buschhorn, G. 76859
Richter, A. *see* Lang, W. 62472
Richter, A. *see* Lang, W. 66340
Richter, C. New linear stepping motor 78851
Richter, E. *see* Deshpande, U.S. 68562
Richter, H. *see* Baumgartner, A. 81106
Richter, H. *see* Kissinger, G. 81845
Richter, H.H., Wolff, A., Tillack, B., Skaloud, T. Optical emission end point detection for reactive ion etching of Si/SiGe structures 93187
Richter, H.J., Veitch, R.J., Hibst, H., Schildberg, H.-P. Distribution profile of magnetization in ME tape 50308
Richter, H.J. *see* Fischer, G. 50309
Richter, K. Primary standard of sound pressure at Slovak Institute of Metrology 66783
Richter, K.R. *see* Bardi, I. 83433
Richter, K.R. *see* Biro, O. 90652
Richter, K.R. *see* Preis, K. 79738
Richter, K.R. *see* Rucker, W.M. 83607
Richter, K.R. *see* Schlemmer, E. 83606
Richter, M.R. *see* Glidden, S.C. 81602
Richter, O. *see* Paciotti, M.A. 76401
Richter, P.I. Air pollution monitoring with LIDAR 88836
Richter, R. Derivation of temperature and emittance from airborne multispectral thermal infrared scanner data 87296
Richter, R. *see* Abrami, A. 98715
Richter, R. *see* Calvert, J. 66819
Richter, R.J. *see* Delivorias, P.N. 61089
Richter, U. *see* Kirstaedter, N. 83054
Richter, U. *see* Rechenberg, I. 83170
Richter, V. Development position of distribution transformers 54053
Richter, W. *see* Birch, J.R. 76149
Richter, W. *see* Drews, D. 91539
Richter, W. *see* Hase, A. 79794
Richter, W. *see* Jonsson, J. 54897
Richter, W. *see* Wagner, V. 61278
Richter, W. *see* Wright, A.C. 79836

Richter-Sand, R.J. *see* Adler, R.J. 68752
Rick, E., Henkel, H., Karweina, D. The control room—criteria for design and technology [power stations] 78265
Ricka, J. *see* Hobel, M. 66162
Ricka, J. *see* Hobel, M. 75971
Rickard, D.A., Elayyan, H.S.B., Haddad, A., Waters, R.T. Corona space charge development for combined alternating and direct voltage excitation 99630
Rickard, R. *see* Allen, L.R. 93206
Rickel, D.G. *see* Campbell, L.J. 83552
Rickel, D.G. *see* Pernambuco-Wise, P. 83553
Rickel, D.G. *see* Sims, J.R. 83550
Ricken, R. *see* Noe, R. 82757
Ricken, R. *see* Tian, F. 75470
Ricker, G., Winkler, A. Recognition of faxed documents 95089
Rickets, I.W. *see* Manos, G.K. 76935
Ricketts, B.W. *see* Nagata, M. 86929
Ricketts, B.W. *see* Small, G.W. 87428
Ricketts, W. *see* Li, F. 77360
Ricketts, W. *see* Tanner, A. 59555
Rickman, A.G. Silicon integrated optics and sensor applications 56398
Rickman, A.G., Reed, G.T., Namavar, F. Silicon-on-insulator optical rib waveguide circuits for fibre optic sensors 52902
Rickman, A.G., Reed, G.T., Namavar, F. Silicon-on-insulator optical rib waveguide loss and mode characteristics 94174
Rickman, A.G. *see* Tang, C.K. 82659
Rickman, D.L. *see* Massof, R.W. 77063
Rickus, E., Dangelmayr, L., Sailer, M. Cost effective direct packaging of chip and wire hybrids 81102
Rickwood, D.H. User experience of batteries in UPS systems 60316
Ricky Pan, K.-R. *see* Lai, Y.-T. 92020
Ricny, V., Mikulec, J. Measuring flying object velocity with CCD sensors 59508
Rico, J.E.N. *see* Reginatto, R. 100800
Rico, M. *see* Alonso, J.M. 60615
Rico, N. *see* Bernardi, A. 52003
Rico-Martinez, R., Kevrekidis, I.G., Kube, M.C., Hudson, J.L. Discrete- vs. continuous-time nonlinear signal processing: attractors, transitions and parallel implementation issues 57571
Ricossa, L. National and international standards for components for LV electrical installations 68220
Ricote, J. *see* Pardo, L. 56143
Ricotti, L.P. *see* Falaschi, A. 73827
Ricottilli, M. Technical progress, innovative activity and development policies 69462
Ricquier, N., Debusschere, I., Dierickx, B., Alaerts, A., Vlummens, J., Claeys, C. The CIVIS sensor: a flexible smart imager with programmable resolution 66457
Ricquier, N., Dierickx, B. Random addressable CMOS image sensor for industrial applications 87271
Ridd, P.V. Electric potential due to a ring electrode 88816
Riddersma, S. *see* MacKenzie, I.S. 98209
Riddle, A.N. *see* Bilbro, G.L. 62897
Riddle, B.F. *see* Hill, D.A. 73393
Riddle, J. *see* Periasamy, R. 60939
Riddle, J. *see* Periasamy, R. 60942
Riddle, J. *see* Periasamy, R. 69529
Riddone, G. *see* Dufay, L. 94020
Ride, S.K. *see* Cha-Mei Tang 67220
Rideout, W. *see* Schlafer, J. 72650
Ridgeway, R.G. *see* Ketkar, S.N. 62373
Ridgway, L.S. *see* Grice, R.A. 79193
Ridgway, M.C., Ellingboe, S.L., Elliman, R.G., Williams, J.S. High-energy ion implantation for electrical isolation of microelectronic devices 55701
Ridgway, M.C. *see* Ellingboe, S.L. 62402
Ridha, H.H.Abdul *see* Abdul Ridha, H.H.
Ridkosil, F. Extreme waveform coding 73896
Ridler, N.M., Medley, J.C. Traceable reflection coefficient measurements in coaxial line at MF and HF 53007
Ridler, N.M., Medley, J.C. Calibration technique using new calculable standard for RF reflectometers fitted with GPC-7 connectors 86855
Ridley, B.K. *see* Bishop, P.J. 62288
Ridley, B.K. *see* da Cunha, A. 62278
Ridley, B.K. *see* Daniels, M.E. 62275
Ridley, B.K. *see* LeTran, T.T. 62301
Ridley, B.K. *see* Mills, R.J. 62302
Ridley, G.J. *see* Garner, B.J. 54274
Ridley, J.K. *see* Scott, R.F. 88739
Ridley, K.D., Scott, A.M. Stimulated Brillouin scattering in a transverse resonator 83251
Ridley, R. New simulation techniques for PWM converters 49168
Ridley, R. The microwave connection 65604
Ridley, R. Invisible interconnect [telephone interconnects] 85983
Ridley, R., Kern, S., Fuld, B. Analysis and design of a wide input range power factor correction circuit for three-phase applications 53670
Ridley, R., Reynell, M., Kern, S. Thermal considerations for distributed power converter systems 55142
Ridley, R. *see* Skutt, G. 68688
Ridout, J.E. Bespoke gensets 78475
Riech, V., Hollensett, K. Field-installable connection techniques for fiber-in-the-loop 86518
Riechert, H. *see* Bacumler, M. 81243
Rieck, S. *see* Schukat-Talamazzini, E.G. 84123
Rieckmann, C. *see* Jostingmeier, A. 81150
Ried, C.P. *see* Hamilton, W.J. 98576
Ried, R.P., Eun Sok Kim, Hong, D.M., Muller, R.S. Piezoelectric microphone with on-chip CMOS circuits 66087
Riedel, C. *see* Blasche, K. 87828
Riedel, K.S. Kernel estimation of the instantaneous frequency 95379
Riedel, K.S., Sidorenko, A. Function estimation using data-adaptive kernel smoothers—how much smoothing? 74181
Riedel, K.S., Sidorenko, A. Optimal databased complex demodulation for evolutionary spectra 84507
Riedel, P., Warnierke, O. Measuring channel impulse response in DAB network 86988
Riedel, R.J. High-throughput amplifier and analog-to-digital converter 97852
Riedeman, D. *see* Janssen, J.J. 88542
Rieder, A., Wells, R.O., Jr., Zhou, X. On the wavelet frequency decomposition method 54653
Rieder, A., Wells, R.O., Jr., Zhou, X. A wavelet approach to robust multilevel solvers for anisotropic elliptic problems 95500
Rieder, K.H. *see* Weber, M. 87444
Rieder, W. *see* Gauster, E. 90236
Rieder, W. *see* Hetzmannseder, E. 61982
Riedi, P.C. *see* Kapusta, C. 50218
Riedijk, F.R., Smith, T., Huijsing, J.H. An integrated optical position-sensitive detector with digital output and error correction 52847
Riedijk, F.R. *see* Huijsing, J.H. 66281
Riedl, J., Mashayekhi, V. Continuous media in discrete objects: multimedia for computer supported collaborative work 65458
Riedl, J. *see* Claypool, M. 58238
Riedl, P. Second generation programmable gate arrays 80304
Riedl, W. *see* Karg, F. 100500
Riedler, H. *see* Preis, K. 49681
Riedler, H. *see* Preis, K. 79738
Riedler, W. *see* Koudelka, O. 96709
Rieffel, O., Nguyen, B., Taisne, J.P., Moreau, C., Soler, R. The protection of third parties in sensitive areas with surge arresters in lines 99726
Riegebauer, J. *see* Urban, G. 66512
Riegelsberger, E.L., Krishnamurthy, A.K. Glottal source estimation: Methods of applying the LF-model to inverse filtering 88350
Rieger, D.J. *see* Sherwin, M.E. 71710
Rieger, D.J. *see* Sherwin, M.E. 81953
Rieger, D.J. *see* Shul, R.J. 93215
Rieger, D.J. *see* Zolper, J.C. 71727
Rieger, E.S., Hasslinger, G. An analytical solution for the discrete time single server system with semi-Markovian arrivals 91203
Rieger, F. *see* Bothe, H.H. 88563
Rieger, J. *see* Cremer, C. 86019
Rieger, M.L. *see* Stirniman, J.P. 71481
Riegner, M. *see* Eason, D.B. 72622
Riehemann, W. *see* Weidenfeller, B. 63138
Riehemann, W. *see* Wittwer, C. 63149
Riehl, R.R. *see* Filho, E.R. 100123
Riehl-Chudoba, M., Soukiassian, P., Jaussaud, C. Promotion of the oxidation of silicon carbide by a rubidium overlayer 81475
Riehle, C. *see* Miller, J. 94747
Riehle, F., Schnatz, I., Celikov, A., Kisters, T., Zeiske, K., Zinner, G., Helmcke, J. Calcium optical frequency standard 86874
Riehle, F. *see* Schnatz, H. 86824
Riehle, F. *see* Simonsen, H.R. 86873
Riek, J.K., Tekalp, A.M., Smith, W.E. Effect of Z-motion in the phase of the K-space MRI data and identification of periodic Z-motion kernels 88463
Rieke, A., Hageman, H. Specification and description language (SDL) for cryptological protocols 51855
Rieke, G.H. *see* Rieke, M.J. 58787
Rieke, G.H. *see* Scutero, M.J. 58780
Rieke, G.H. *see* Williams, D.M. 66424
Rieke, G.H. *see* Young, E.T. 58779
Rieke, M.J., Rieke, G.H., Green, E.M., Montgomery, E.F., Thompson, C.L. Ground-based camera experience with NICMOS arrays 58787
Rieke, M.J., Winters, G.S., Cadien, J., Rasche, R. Characterization of NICMOS detectors for space astronomy 66414
Riekel, C. *see* Berry, A. 88084
Riel, J. *see* Burns, J. 68828
Riel, P. *see* Kneissl, M. 94300
Riemann, U. PALplus specification and principles 58547
Riemann, U. The MPEG-2 standard: generic encoding for moving pictures and associated audio information. Multiplex specification for flexible transmission of digital data flows. 5-1 95771
Riemer, M. *see* Pommert, A. 84628
Riemer, M. *see* Schiemann, T. 57684
Riemer, T.E., Losh, M.W., Trahan, R.E. Level-independent detection of signal saturation in sensor data 73977
Riemslagh, K. *see* Dick, E. 69872
Rienen, U.van *see* van Rienen, U.
Riepe, K., Leier, H., Marten, A., Guttich, U., Dieudonne, J.M., Bachem, K.H. 35-40 GHz monolithic VCOs utilizing high-speed GaInP/GaAs HBTs 80751
Riepe, K. *see* Guttich, U. 80769
Riepe, K. *see* Guttich, U. 80819
Ries, G., Warnkross, V. Adaptive four-element antenna for mobile radio 58313
Ries, G.L., Choi, G.S., Iyer, R.K. Device-level transient fault modeling 70369
Ries, M.J., Richard, T.A., Maranowski, S.A., Holonyak, N., Jr., Chen, E.I. Photopumped room-temperature edge- and vertical-cavity operation of AlGaAs-GaAs-InGaAs quantum-well heterostructure lasers utilizing native oxide mirrors 72877
Ries, S. *see* Horowitz, G. 81983
Ries, S. *see* Rathjen, D. 57478
Ries, T.C. Mechanical design control and implementation of a new movable diagnostic probe for the TRIUMF cyclotron 98466
Riese, M., Vijayananda, K. Characterisation of protocol faults based on experience in interoperability testing 65062
Riese, M. *see* Ramaswamy, P. 89527
Rieser, J.H. *see* Dimolitsas, S. 85617
Riesgo, T., Uceda, J., Aldana, F. High-level testing for digital VLSI—a survey 82050
Riesgo, T., Yorroja, Y., Uceda, J. Design process based on hardware description languages 91772
Riesner, S. *see* Bischoff, M. 72623
Riess, B.M., Doll, K., Johannes, F.M. Partitioning very large circuits using analytical placement techniques 91994
Riess, H.P. Cryptographic security for the new trans-European trunked radio (TETRA) standard 65625
Riess, R. *see* Langner, A. 89589
Riess, W., Karg, S., Dyakonov, V., Meier, M., Schwoerer, M. Electroluminescence and photovoltaic effect in PPV Schottky diodes 72626
Riess, W. *see* Karg, S. 56571
Riesz, F., Serenyi, M., Nemeth-Sallay, M., Szentpali, B. The effects of contact type on the properties of semiinsulating GaAs photodetectors 66345
Riet, M. *see* Plouchart, J.O. 86225
Riet, M. *see* Plouchart, J.O. 97077
Riet, M. *see* Sik, H. 93182
Rietdyk, H. *see* Maruyama, X.K. 76518
Rietman, E.A., Frye, R.C., Lory, E.R. Process models and network complexity 62474
Rietschel, H. *see* Boegler, P. 87556
Rietto, A.M. *see* Bertotti, G. 63252
Rieubland, J.-M. *see* Delikaris, D. 76646
Rieubland, J.-M. *see* Dufay, L. 94020
Riezenman, M.J. Test and measurement 52762
Rifaat, R.M. Critical considerations for utility/cogeneration inter tie protection scheme configuration 68298
Rifaat, R.M. An overview of the present status of national and international electric energy industry 89163
Rife, D.D., Dunn, C. Comments on "Distortion immunity of MLS-derived impulse response measurements" [further comments and replies] 95596
Rife, J.L. *see* Cole, E.I., Jr. 62947
Riffat, S.B., Kohal, J.S. Experimental study of interzonal natural convection through an aperture 75840
Riffat, S.B., Shankland, N.J. Rotary storage heat pump 69237
Rifflet, J.M., Giovannoni, P., Le Coz, F., Lyraud, C., Perot, J., Vedrine, P., Siegel, N., Tortschanoff, T. Status of the fabrication and test of the prototype LHC lattice quadrupole magnets 87792
Rifflet, J.M. *see* Orrell, D. 87680
Rifflet, J.M. *see* Vedrine, P. 87794
Rifkin, J. *see* Ruth, R.D. 66791
Rifkin, R., Bello, P.A. Representation of propagation mode fading for the midlatitude wide bandwidth HF channel 83651
Rifkin, R., Perry, B.D. Fade measurements on the wide bandwidth HF channel 94810
Rifkin, R. *see* Providakes, J.F. 86043
Rifkind, J.M. *see* Suter, J.J. 59112
Rigaill, D., Roussel-Dupre, H., Tissier, M., Guerin, Y. Automatic defects classification for photolithographics reticles project 62572
Rigamonti, G.F. *see* Weisbrich, A.L. 78524
Rigato, V. *see* Bouclier, R. 88109
Rigato, V. *see* Bouclier, R. 98617
Rigato, V. *see* Calabrese, R. 76741
Rigaud, B., Hamzaoui, L., Chauveau, N., Granie, M., Scotto Di Rinaldi, J.-P., Morucci, J.-P. Tissue characterization by impedance: a multifrequency approach 67552
Rigaud, B. *see* Chaveau, N. 98891
Rigaud, D. *see* Berthier, P. 56018
Rigaud, D. *see* Hoffmann, A. 71640
Rigby, S. *see* Sproston, J.L. 57064
Rigdon, S.E., Cruthis, E.N., Champ, C.W. Design strategies for individuals and moving range control charts 91116
Riggenbach, K.S. Line reroute powers airport 59966

Riggins, F.J., Kriebel, C.H., Mukhopadhyay, T. The growth of interorganizational systems in the presence of network externalities 85403
Riggins, F.J., Mukhopadhyay, T. The impact of unequal interdependent benefits from interorganizational systems 52140
Riggs, R. *see* Ross, J. 94013
Riggs, W.R. Standard Hardware Acquisition and Reliability Program's (SHARP's) efforts in incorporating fiber optic interconnects into standard electronic module (SEM) connectors 82853
Righetti, M. *see* Cerri, G. 57049
Righi, M., Hoefer, W.J.R. Efficient 3D-SCN-TLM diakoptics for waveguide components 80596
Righi, M., Hoefer, W.J.R. The use of the modal Johns matrix for the time domain analysis of microwave components 80616
Righi, M. *see* Russer, P. 80656
Righini, G. *see* Jaroszewicz, Z. 72381
Righini, G. *see* Mattogno, G. 87609
Righini, G.C. *see* Forastiere, M.A. 56412
Righini, P. *see* Buontempo, S. 98502
Righos, N. *see* Ong, T.C. 70497
Rigneault, H. *see* Flory, F. 58989
Rigney, G. *see* Anjard, R.P. 79479
Rignot, E., Jezek, K., van Zyl, J.J., Drinkwater, M.R., Lou, Y.L. Radar scattering from snow facies of the Greenland ice sheet: results from the AIRSAR 1991 campaign 77461
Rignot, E., Way, J., Williams, C., Viereck, L. Radar estimates of aboveground biomass in boreal forests of interior Alaska 88873
Rignot, E., Way, J.B. Monitoring freeze-thaw along north-south Alaskan transects using ERS-1 SAR 77529
Rignot, E., Williams, C., Way, J.B. Mapping of Taiga Forest units using AIRSAR data and/or optical data, and retrieval of forest parameters 77659
Rignot, E. *see* Way, J. 77660
Rignot, E.J.M., Williams, C.L., Way, J., Viereck, L.A. Mapping of forest types in Alaskan boreal forests using SAR imagery 88865
Rignot, E.J.M. *see* Kwok, R. 77698
Rignot, E.J.M. *see* Way, J. 77297
Rigo, C. *see* Salviati, G. 79837
Rigo, S. *see* Breelle, E. 81543
Rigo, S. *see* Lu, G.N. 70295
Rigo, S. *see* Morazzani, V. 49767
Rigo, S. *see* Ziad, H. 68655
Rigoland, P. *see* Edimo, M. 73556
Rigollo, G. *see* Heiss, H. 57941
Rigolio, G. *see* Marino, G. 58226
Rigolio, G. *see* Marino, G. 85990
Rigoll, G. Speaker adaptation using improved speaker Markov models 84092
Riha, G. *see* Anemogiannis, K. 97070
Riihola, P. *see* Salminen, O. 73129
Riishoj, J. 5 Gbit/s laser-driver GaAs IC 58395
Riishoj, J., Nielsen, T.N., Gliese, U. A 4 Gb/s 2-level to 2 Gsymbol/s 4-level converter GaAs IC for semiconductor optical amplifier QPSK modulators 97236
Riitahuhta, A., Rautakorpi, E., Viitanen, Y. Three-dimensional measurement method (CADMM) for the realization of process plants 58982
Rijal, O.M. *see* Noor, N.M. 77265
Rijanto, H. *see* Massee, P. 90684
Rijk, G.de *see* de Rijk, G.
Rijken, H.A., Klein, S.S., Ligthart, W.C.M., de Voigt, M.J.A., Burger, P. Resistivity variations in ion implanted silicon detectors 87967
Rijkhoff, N.J.M., Holsheimer, J., Koldewijn, E.L., Struijk, J.J., van Kerrebroeck, P.E.V., Debruyne, F.M.J., Wijkstra, H. Selective stimulation of sacral nerve roots for bladder control: a study by computer modeling 67606
Rijkhoff, N.J.M., Koldewijn, E.L., van Kerrebroeck, P.E.V., Debruyne, F.M.J., Wijkstra, H. Acute animal studies on the use of an anodal block to reduce urethral resistance in sacral root stimulation 88524
Rijllart, A. *see* Dufay, L. 94020
Rijmen, V. *see* Preneel, B. 73758
Rijns, H. Analog CMOS teletext data slicer 96594
Rijpers, J.C.N. *see* Chang, C.V.J.M. 55793
Rikhter, D. *see* Anishchenko, N. 94012
Rikihisa, K., Yamasaki, K. Development of an islanding protector for a dispersed power source 78185
Rikihisa, K. *see* Matsunaga, M. 90370
Rikino, K. *see* Matsuura, T. 92423
Rikken, G.L.J.A., Braun, D., Staring, E.G.J., Demandt, R. Schottky effect at a metal-polymer interface 71203
Rikkink, V. *see* Van Dongen, R. 49570
Riley, C.P., Simkin, J. Effective modeling of eddy currents with segmented components 90647
Riley, G.N., Jr., Gannon, J.J., Jr., Miles, P.K., Parker, D.R. Advances in the design and fabrication of high-T_c composite conductors 63271
Riley, G.N., Jr. *see* Merchant, N. 63275
Riley, G.N., Jr. *see* Merchant, N. 72215
Riley, H.B., Tague, J.A. Matched field source detection and localization in high noise environments: A novel reduced-rank signal processing approach 74051
Riley, H.B., Tague, J.A. Matched-field localization in high noise environments: a reduced-rank signal processing approach 97452
Riley, J.L. The DAB multiplex and system support features 58555
Riley, J.L. New flexibility in digital broadcasting: service facilities in DAB 97544
Riley, M.J. *see* Butler, R.A. 95808
Riley, M.J. *see* Richardson, I.E.G. 52210
Riley, M.J. *see* Richardson, I.E.G. 75110
Riley, N.G. *see* Walker, P. 96996
Riley, P.A., Sauer, J.M. PCS network data model 86183
Riley, R.J. Taming trolleys on the factory floor 78859
Riley, S. *see* Daly, P. 65727
Riley, T.A.D., Copeland, M.A. A simplified continuous phase modulator technique 55170
Rillich, B. *see* Voigt, A. 79917
Rillin, L.P. *see* Mainville, J. 68911
Rillings, J.H., Krage, M.K. TravTek: an operational advanced driver information system 75684
Rim, C.S. *see* Narasimham, J. 80220
Rim, C.T., Cho, G.H. Practical averaged circuit models for general linear switching converters based on circuit transformations 80104
Rim, C.T., Choi, N.S., Cho, G.C., Cho, G.H. A complete DC and AC analysis of three-phase controlled-current PWM rectifier using circuit D-Q transformation 100209
Rim, G., Krishnan, R. Variable speed constant frequency power conversion with a switched reluctance machine 68570
Rim, M., Mujumdar, A., Jain, R., de Leone, R. Optimal and heuristic algorithms for solving the binding problem 55050
Rim Chong Suck *see* Chong Suck Rim
Rim Geun-Hie *see* Geun-Hie Rim
Rim Jo Byeong *see* Byeong Rim Jo
Rimac-Drlje, S. The Gaussian and impulsive noise influence on MPSK signal 95084
Rimen, M., Ohlsson, J., Torin, J. On microprocessor error behavior modeling 70576
Rimet, R. *see* Gerard, P. 56388
Rimet, R. *see* Gerard, P. 63471
Rimet, R. *see* Gerard, P. 82680
Rimet, R. *see* Helleso, O.G. 50571
Rimet, R. *see* Helleso, O.G. 94146
Rimet, R. *see* Schanen Duport, I. 82688
Rimey, R.D., Brown, C.M. Control of selective perception using Bayes nets and decision theory 57693
Riming Lin *see* Lin Riming
Rimini, E. *see* Galvagno, G. 81430
Rimini, E. *see* Spinella, C. 79823
Rimini, F. *see* Von Goeler, S. 59246
Rimmasch, J. *see* Karg, F. 100500
Rimmek, K. Flight simulation, an advanced application of virtual reality 88641
Rimmer, P. *see* Yakushev, M.V. 49791
Rimmer, R. *see* Schwarz, H.D. 67134
Rimmer, R.A., Goldberg, D.A. Measurements of higher-order mode damping in the PEP-II low-power test cavity 67089
Rimmer, R.A. *see* Corlett, J.N. 87718
Rimmer, R.A. *see* Goldberg, D.A. 66808
Rimoldi, B., Quinn Li Catastrophic continuous phase modulation schemes and their noncatastrophic equivalents 73593
Rimondi, O. *see* Gambaccini, M. 88448
Rimskiy-Korsakov, N.A., Sychev, V.A. A system for transmission of sonar information from a deep-water towed submersible 53546
Rin Yong *see* Yong Rin
Rinaldi, D., Santini, S., Vanzi, M. Electron tunnelling from rough surfaces: an application to TPFG EEPROM cells 70480
Rinaldi, J.-P.Scotto Di *see* Scotto Di Rinaldi, J.-P.
Rinaldi, N. Sidewall effects on maximum cutoff frequency and forward transit time in downscaled bipolar transistors 71595
Rinaldi, R. *see* Cingolani, R. 72808
Rinaudo, G. *see* Boella, G. 86826
Rinaudo, G. *see* Boella, G. 93014
Rinaudo, G. *see* Maggi, S. 59066
Rinchetti, G. *see* Sberveglieri, G. 66254
Rinckel, T. *see* Akchnrin, N. 66847
Rinckel, T. *see* Blinov, B.B. 87861
Rinckel, T. *see* Ross, M.A. 53283
Rincon, R. *see* Saiz-Pardo, R. 49822
Rind, T.M. *see* Wong, P.S. 78759
Rindelhardt, U., Schubert, D., Teichmann, G. Experimental photovoltaic installation at the Rossendorf (Germany) research centre 60133
Rindi, A. *see* Abrami, A. 98715
Rindi, A. *see* Bocchetta, C.J. 59099
Rindos, A., Woolet, S., Viniotis, I. Transient analysis of nonhomogeneous continuous time Markov chains describing realistic LAN systems 65359
Rine, G. *see* Clegg, S.T. 98931
Rineri, M. *see* Capineri, L. 66185
Rines, D.M., Moulton, P.F., Welford, D., Rines, G.A. High-energy operation of a Co:MgF_2 laser 56665
Rines, G.A. *see* Rines, D.M. 56665
Rinfret, R. *see* Xiuying, G. 61264
Rinfret, R. *see* Xiuying Gong 56525
Ring, K.M. *see* Talin, A.A. 71576
Ring, P. *see* Jantzen, J. 53397
Ring, Z., Mantei, T.D., Choo, A.G., Jackson, H.E. Optimization of diamond growth with statistical experiment design in an electron cyclotron resonance plasma 70111
Ringeis, W. Biblis: demonstration and continuation of the high safety standard of the nuclear generating units 89504
Ringeisen, R.D. *see* Boland, J.W. 61104
Ringel, G. *see* Schmitt, D.-R. 76203
Ringel, S.A. *see* Chatterjee, B. 71149
Ringhofer, K.H. *see* Kohlbrecher, J. 57016
Ringhofer, K.H. *see* Webb, D.J. 56292
Ringle, M.D. *see* He, L. 91516
Ringle, M.D. *see* Hua, G.C. 83103
Ringling, J., Kittelmann, O., Noack, F., Stamm, U., Kleinschmidt, J., Voss, F. High-repetition-rate high-power femtosecond ArF laser source 94364
Ringling, J., Kittelmann, O., Seifert, F., Noack, F., Korn, G., Squier, J. Femtosecond solid state light sources tunable around 193 nm 73109
Ringling, J. *see* Seifert, F. 94599
Ringset, V. *see* Nystrom, S. 97654
Ringwall, A. *see* Datte, P. 98455
Ringwall, A. *see* Haworth, M. 76408
Ringwall, A.D. *see* Enegren, T. 67084
Rink, F.J. *see* Longtin, K. 89788
Rink, F.J. *see* Morjaria, M. 68356
Rinke, G., Hartig, C. Multicomponent process UV spectrometer 66132
Rinker, M. *see* Fay, B. 67535
Rinkevich, A.B. The effect of a current in single-crystal tungsten on the propagation of electromagnetic waves 57159
Rinkevicius, V., Kavaliauskiene, G. Thermal quenching of thermally stimulated conductivity 62175
Rinkus, E.K. Specifying the reliability of process protection systems for power-generating units at thermal power stations 89584
Rino, C.L. Double-passage radar cross section enhancements 65871
Rinschede, T. *see* Petersen, A. 52790
Rinzin, C. *see* Mansour, Y. 53625
Rinzin Chhewang *see* Chhewang Rinzin
Rio, J.A.del *see* del Rio, J.A.
Rio, J.del *see* del Rio, J.
Rio, L.D.del *see* del Rio, L.D.
Rio, M.Sanchez del *see* Sanchez del Rio, M.
Rio, P. *see* Jacob, D. 56837
Rio, Y. *see* Cesarsky, C.J. 52955
Riordon, J. *see* Datte, P. 76438
Rios, H. Computing image flow using a coarse-to-fine strategy for spatiotemporal filters 95684
Rios, R., Arora, N.D., Cheng-Liang Huang An analytic polysilicon depletion effect model for MOSFETs 50011
Rios, R. *see* Arora, N.D. 62795
Rios Leite, J.R. *see* Liu, Y. 82920
Rioul, O. On the choice of 'wavelet' filter for still image compression 80492
Rioul, O., Duhamel, P. A Remez exchange algorithm for orthonormal wavelets 92378
Rioul, O. *see* Blu, T. 84256
Rioux, D., Chander, M., Li, Y.Z., Weaver, J.H. Bromine interaction with Si(100)-2×1: chemisorption and initial stages of etching 55762
Rioux, D., Hochst, H. Photoemission study of a In diffusion barrier in ZnSe/InP(100) heterostructures 69950
Rioux, D., Pechman, R.J., Chander, M., Weaver, J.H. Temperature-dependent surface morphologies for Br-etched Si(100)-2×1 81502
Rioux, J. *see* Lemeilleur, F. 76757
Rioux-Damidau, F. *see* Bandelier, B. 83479
Ripamonti, G., Castoldi, A., Gatti, E. On the implementation of multiple delay line filters with digital signal processing techniques 88225
Ripamonti, G., Castoldi, A., Spigarolo, R., Gatti, E. A new class of weighting functions readily available with sampled data processors 98701
Ripka, P. Magnetic sensors for industrial and field applications 66183
Ripley, M., Gallagher, M., Darnell, M. A dual ionospheric sounding system monitor for HF RTCE 97193
Ripoche, G. *see* Gaumont-Goarin, E. 56787
Ripoll, A. *see* Bertran, M. 70615
Ripoll, I. *see* Botti, V. 75007
Ripperger, A., Scholling, W. Customer-oriented process organisation 69550
Rippert, E.D. *see* Lomatch, S. 82353
Rippert, E.D. *see* Lundquist, P.M. 73102
Rippin, M.A. *see* Hall, D.D. 50677
Riris, H., Carlisle, C.B., Carr, L.W., Cooper, D.E., Martinelli, R.U., Menna, R.J. Design of an open path near-infrared diode laser sensor: application to oxygen, water; and carbon dioxide vapor detection 94705
Ris, H.R. New procedures in high voltage test and measurement techniques. Siemens-Tettex Colloquium in Dresden 52752
Ris, H.R. Analogue or digital oscilloscope? 52980

Ris, H.R. Quality problems in electricity supply. Environmental pollution in the network too 53726
Ris, H.R. Centralised control receiver with multi-functional properties 78252
Ris, H.R. Who supervises domestic electrical installations in Europe? 79231
Ris, H.R. Filling level detectors for solid or liquid contents 87603
Ris, H.R. Biological effects of electromagnetic fields 88570
Ris, H.R. Are energy-saving lamps polluters of the mains? The effect of harmonics problems is generally greatly overestimated 90630
Risacher, F. *see* Jossinet, J. 67563
Risal, A. *see* Heydt, G.T. 99660
Risberg, A. The development of speech-processing aids for the deaf – past, present and future 98957
Risbud, S.H. *see* Eaton, W.P. 71266
Risch, L. *see* Gossner, H. 62742
Risebrough, N. *see* Lariviere, J. 98978
Risev, V. *see* Kuchinski, V. 93978
Rishe, N. Managing network resources for efficient, reliable information systems 85538
Rishton, S. *see* Mii, Y. 71677
Rishton, S.A. *see* Zahurak, J. 62891
Risk, W.P., Lau, S.D., McCord, M.A. Third-order guided-wave distributed Bragg reflectors fabricated by ion-exchange in $KTiOPO_4$ 50553
Risk, W.P. *see* Chen, Q. 83294
Risk, W.P. *see* Kozlovsky, W.J. 72889
Riski, K. *see* Vitushkin, L.F. 66098
Riskin, E.A., Ladner, R., Ren-Yuh Wang, Atlas, L.E. Index assignment for progressive transmission of full-search vector quantization 64733
Riskin, E.A. *see* Iverson, V.S. 85015
Riskin, E.A. *see* Wang, R.Y. 84995
Risley, W.C., Bruce, A.A. The OMEGA Acoustic Research System 99229
Risotto, S. Back to the future: traditional chlorinated solvents as cleaning alternatives in electronics and precision cleaning 81021
Rissanen, E.L. *see* Webb, J.J. 84053
Risselada, T. *see* Fischer, W. 66914
Risset, J.-C. Sculpting sounds with computers: music, science, technology 75799
Risset, T. *see* Boulet, P. 85215
Rissiek, W. *see* Holzheuer, H. 91730
Rissman, P. *see* Zhang, L. 71311
Ristic, A. *see* Grohmann, F. 96402
Ristic, G. *see* Golubovic, S. 71665
Ristic, G. *see* Pejovic, M. 49977
Ristic, L., Paranjape, M. Hall devices for multidimensional sensing of magnetic field 52830
Ristic, M. *see* Brujic, D. 54550
Ristich, B. *see* Boashash, B. 84502
Ristolainen, E. *see* Fischer, V. 71194
Ristolainen, E. *see* Fischer, V. 93202
Ristolainen, E. *see* Xia, Z. 71307
Ristori, L. *see* Amidei, D. 98639
Ristori, L. *see* Galeotti, S. 70665
Ristorrcelli, I. *see* Meny, C. 75969
Ristov, M. *see* Grozdanov, I. 91545
Ritcey, J.A., Gordon, S.D., Ewart, T.E. Non-Gaussian random signal models for ocean acoustic channels 97466
Ritcey, J.A. *see* Griep, K.R. 97468
Ritcey, J.A. *see* Qian Wen 57616
Ritchie, A.L., Oldfather, D.E., Lindner, A.F. The Advanced Light Source (ALS) Radiation Safety System 76322
Ritchie, D.A. *see* Arnone, D.D. 62879
Ritchie, D.A. *see* Billen, K. 71314
Ritchie, D.A. *see* Bishop, P.J. 62288
Ritchie, D.A. *see* Brown, K.M. 54887
Ritchie, D.A. *see* Burroughes, J.H. 54885
Ritchie, D.A. *see* Daniels, M.E. 62275
Ritchie, D.A. *see* Frost, J.E.F. 62910
Ritchie, D.A. *see* Grimshaw, M.P. 55621
Ritchie, D.A. *see* Kurobe, A. 81969
Ritchie, D.A. *see* Kurobe, A. 92994
Ritchie, D.A. *see* Patel, N.K. 55629
Ritchie, D.A. *see* Patel, N.K. 81335
Ritchie, D.A. *see* Simmons, M.Y. 55622
Ritchie, J.L. *see* Allen, C. 59188
Ritchie, J.L. *see* Graessle, S. 59062
Ritchie, M.L. The information content of cockpit displays 88667
Ritoniemi, T., Pajarre, E., Ingalsuo, S., Husu, T., Eerola, V., Saramaki, T. A stereo 97 dB SNR audio sigma-delta ADC 97731
Ritoniemi, T. *see* Saramaki, T. 61807
Ritou, J.L. *see* Authier, M. 59133
Ritov, Y. *see* Haviv, M. 61165
Ritsch, H. *see* Pellizzari, T. 72687
Ritson, D.M. *see* Nosochkov, Y. 66877
Ritson, D.M. *see* Nosochkov, Y. 76284
Ritson, D.M. *see* Nosochkov, Y. 87840
Ritson, D.M. *see* Nosochkov, Y. 98406
Ritson, D.M. *see* Sen, T. 66883
Rittenhouse, R.C. Salt water cooling tower retrofit experience 78407
Rittenmyer, K.M. Temperature dependence of the electromechanical properties of 0-3 $PbTiO_3$-polymer piezoelectric composite materials 71857
Rittenmyer, K.M., Ting, R.Y. New materials for large strain actuator applications 82153
Ritter, A. *see* Gunther, M.F. 98049
Ritter, A.D. *see* Kennedy, R.S. 98216
Ritter, Ch. *see* Urban, G. 66512
Ritter, D., Hamm, R.A., Feygenson, A., Smith, P.R. Role of hot electron base transport in abrupt emitter $InP/Ga_{0.43}In_{0.53}As$ heterojunction bipolar transistors 55913
Ritter, D. *see* Betser, Y. 81825
Ritter, D. *see* Hamm, R.A. 91439
Ritter, D. *see* Harriott, L.R. 91455
Ritter, D. *see* Reygenson, A. 93345
Ritter, D.T. *see* Dushac, H.M. 69296
Ritter, G. High performance CD-ROM network computing 85719
Ritter, G. *see* Bobel, F.G. 79873
Ritter, G.X. *see* Schmalz, M.S. 85118
Ritter, G.X. *see* Shi, H. 85117
Ritter, J. *see* Brankovic, V.J. 83797
Ritter, R. *see* Galunulis, K. 73162
Ritter, R.D. Pilot error in automated systems shown by altitude deviation reports 53512
Ritter, T. Estimating population from repetitions in accumulated random samples 57391
Ritterbach, E. *see* Otto, K.-W. 78277
Rittner, K., Wicht, A., Jordan, G., Heuer, A., Welling, H., Wellegehausen, B. Continuous anti-Stokes Raman lasers between 1s sublevels in noble gases 72670
Rittweger, M., Werthen, M., Kulke, R., Hopf, B., Pogatzki, P., Wolff, I. Miniaturization of MMIC inductors using a 3D FDTD approach with a SI method 92598
Rittweger, M., Werthen, M., Wolff, I. 3D FDTD analysis applied to the investigation of the resonant behavior of ceramic feedthrus 79437
Ritums, D. *see* Fredricksen, H. 56190
Rityn, E.N. *see* Agalakov, Yu.G. 82552
Riu, P. *see* Bragos, R. 67558
Riunaud, J.P. *see* Cappi, R. 87885
Rius, A. *see* Sardon, E. 77344
Rius, J.M., Lozano, A., Jofre, L., Cardama, A. Spectral iterative algorithm for RCS computation in electrically large or intermediate perfectly conducting cavities 73454
Riva, C. *see* Paraboni, A. 86273
Riva, G. *see* Frullone, M. 51792
Riva, P., Pizzi, M. Fluid-dynamic calculation for the design of hydraulic machinery 78484
Riva, R. *see* Legentil, M. 63660
Rivalle, V. *see* Peacock, S.J. 87318
Rivard, B., Thomas, P.J., Pollex, D., Hollinger, A., Miller, J.R., Dick, R. A field-portable thermal infrared grating spectrometer (THIRSPEC) 77295
Rivarola, J.H. *see* Dixon, J.W. 100122
Rivas, F. *see* Valle, L. 51078
Rivas, J. *see* Iglesias, T.P. 58948
Rivas, J. *see* Walz, F. 63205
Rivas, M. *see* Suran, G. 82246
Rivera, G. *see* Canestrari, P. 81706
Rivera, H.Lamela *see* Lamela Rivera, H.
Rivera, O.M. *see* Paciotti, M.A. 76401
Rivera, T. *see* Grangier, P. 52583
Rivera-Colon, R., Lindquist, G.S., Reddy, S.P. Class 3 adaptive filters using time domain smoothing 95557
Rivero, G. *see* Kraus, L. 71994
Rivers, A.W. *see* Zouganeli, P. 82715
Rivers, L.J. *see* Lealman, I.F. 56797
Rivers, L.J. *see* Lealman, I.F. 63814
Rivers, L.J. *see* Lealman, I.F. 94447
Rivetta, C., Foster, G., Hansen, S. HV resonant converter for photomultipliers tube bases 68761
Rivetti, A., Martini, G., Birello, G. LHe Venturi flowmeters: practical design criteria and calibration method 97971
Rivetti, G. *see* Piccinini, P. 60632
Riviere, A., Le Sergent, C., Poumellec, B. Spatially resolved cathodoluminescence of single-mode silica-based optical fibres and preforms 94116
Riviere, A. *see* Barhdadi, A. 55536
Riviere, J.-P. *see* Patriarche, G. 79833
Riviere, S. *see* Vilaseca, A. 70306
Rivin, I., Chakradhar, S.T. Discrete test generation by continuous methods 49375
Rivkin, L. *see* Brandt, D. 87724
Rivlin, E., Dickinson, S.J., Rosenfeld, A. Recognition by functional parts [function-based object recognition] 84802
Rivoir, R. *see* Verzellesi, G. 62709
Rivoire, A., Kleimann, P., Laruaz, P.T. The use of a SPARC processor as a DSP for image processing: The SPARC PcVideo board 70634
Rivoiron, C. *see* Hamann, N.H. 67312
Rivoltella, G. *see* Acerbi, E. 63871
Rivory, J.F., Hansen, C.H. Further studies of the dynamic response of a simply supported beam excited by a pair of out-of-phase piezoelectric actuators 93803
Rix, B. *see* Timmermann, D. 55212
Rix, C., McColskey, D., Acree, R. Low cost composite structures for superconducting magnetic energy storage systems 82454
Rix, H. *see* Meste, O. 76989
Riyait, V.S. *see* Adams, A.E. 51484
Riyopoulos, S. Noise generation by spoke feedback and sideband excitation in CFA's 62111
Riyopoulos, S. Linewidth limits in free-electron lasers caused by sidebands 83185
Riza, N.A. Three dimensional optical time delay units for radar 50598
Riza, N.A. The in-line acousto-optic interferometer as a correlator and spectrum analyzer 50614
Riza, N.A. A compact electrooptic controller for microwave phased-array antennas 51266
Riza, N.A. An optical control system for millimeter wave phased-array antennas 57288
Riza, N.A. In-line interferometric time-integrating acousto-optic correlator 57665
Riza, N.A. Acousto-optic liquid-crystal analog beam former for phased-array antennas 63506
Riza, N.A. Liquid crystal-based optical time delay units for phased array antennas 82745
Riza, N.A., DeJule, M.C. Three-terminal adaptive nematic liquid-crystal lens device 72477
Rizi, V. *see* Redaelli, G. 77398
Rizikov, I.V. *see* Svechnikov, G.S. 82838
Rizk, M.S. *see* Edwards, K.A. 94067
Rizk, R., Cruege, F., Madelon, R., Nouet, G. Spatially resolved photoluminescence and electron-beam-induced current studies of a coincidence $\Sigma=25$ silicon bicrystal 55540
Rizkalla, M.E. *see* Brown, D.A. 96628
Rizkalla, S. *see* Alavie, A.T. 98057
Rizkalla, S. *see* Measures, R.M. 52888
Rizki, M.M., Tamburino, L.A., Zmuda, M.A. Multi-resolution feature extraction from Gabor filtered images 57727
Rizki, M.M. *see* Zmuda, M.A. 57728
Riznic, J.R. *see* Rajkovic, M. 89515
Rizo, P. *see* Sire, P. 55021
Rizos, C. *see* Masters, E.G. 65969
Rizvi, A.A., Zubairy, M.S. Implementation of associative memory using grating structures 63361
Rizvi, A.A. *see* Khan, A.A. 84732
Rizvi, R.A., Zubairy, M.S. Optical flip-flops in a polarization-encoded optical shadow-casting scheme 63522
Rizwan-Uddin Steady-state characteristics based model for centrifugal pump transient analysis 53869
Rizzatti, M. *see* Bosetti, M. 98566
Rizzi, A. *see* Gerthsen, D. 81354
Rizzi, M. *see* Castagnolo, B. 96935
Rizzi, V. *see* Massarotti, A. 66817
Rizzo, E. *see* Tenconi, S.M. 68714
Rizzo, J.F. PCS and the PSTN 85593
Rizzo, P. *see* Bencivelli, W. 67526
Rizzo, P. *see* Eichler, J. 56957
Rizzo, R. *see* Attanaiese, C. 54223
Rizzoli, V., Costanzo, A., Mastri, F., Cecchetti, C. Harmonic-balance optimization of microwave oscillators for electrical performance, steady-state stability, and near-carrier phase noise 80721
Rizzoli, V., Masotti, D., Mastri, F. Full nonlinear noise analysis of microwave mixers 80716
Rizzoli, V., Mastri, F., Masotti, D. General noise analysis of nonlinear microwave circuits by the piecewise harmonic-balance technique 61924
Rizzoni, G., Azzoni, P.M., Minelli, G. On-board diagnosis of emission control system malfunctions in electronically controlled spark ignition engines 60573
Rizzoni, G., Yuxuan Zhang Identification of a non-linear internal combustion engine model for on-line indicated torque estimation 68429
Rizzoni, G. *see* Jaehong Park 74003
Rizzoni, G. *see* Park, J. 79464
Rizzoni, G. *see* Park Jaehong 54619
Rizzotto, G. *see* Pagni, A. 54034
Rizzotto, G. *see* Pagni, A. 55353
Rizzotto, G. *see* Pagni, A. 70294
Rizzuto, C. *see* Calzona, V. 97972
Ro Jeong Rae *see* Jeong Rae Ro
Ro Jeong-Rae *see* Jeong-Rae Ro
Ro Kang Byeong *see* Byeong Ro Kang
Ro Kim Yong *see* Yong Ro Kim
Ro Moon Byung *see* Byung Ro Moon
Ro Soong Hwan *see* Soong Hwan Ro
Roa, L. Phase squeezing in a three-level atom micromaser 82886
Roach, M.R. *see* Sherebrin, M.H. 76969
Roan, N.R. GIS in wireless communications 58302
Roark, C., Harper, A., Perry, M. Software support for ultra-reliable digital avionics (URDA) 88698
Roark, C., Kiczuk, B. Transitioning opens systems standards to the DoD 88910
Roark, C., Paul, D., Struble, D., Kohalmi, D., Newport, J. Pooled spares and dynamic reconfiguration 59648
Rob, R.A., Jewell, W.T. Computer based harmonic simulation and testing for microprocessor-based phase distance relay with phase locator 53844
Roba, G.M., Maton, P.D., Grasso, G., Meli, F. WDM transmission in optical amplification 52488
Roba, G.M., Tarbox, E.J., Meli, F. 980 nm pumped optical amplifiers for submarine applications using high numerical aperture-high gain efficiency erbium doped fibres 50760
Roba, G.M. *see* Hewak, D.W. 56726
Robb, A. *see* Marks, S. 67240
Robb, G.R.M. *see* McNeil, B.W.J. 63621
Robb, J. *see* Schneider, W.J. 76709
Robbes, D., Mechin, L., Gunther, C., Desfeux, R., Maleville, C., Ghis, A., Villegier, J.C.

Photoresponse of YBCO microthermometers below the transition temperature 66714
Robbes, D. *see* Dolabdjian, C. 50421
Robbes, D. *see* Langlois, P. 52864
Robbes, D. *see* Langlois, P. 94031
Robbes, D.P. *see* Langlois, P.Y. 56277
Robbes, R. *see* Lesquey, E. 63319
Robbins, J.O. The cable industry in the post divestiture environment 51890
Robbins, L. *see* Miller, D.W. 68376
Robbins, M. *see* Tittel, E. 48578
Robbins, N.B. *see* Crow, L.H. 54624
Robbins, R. *see* Barna, G.G. 62351
Robbins, R.E. *see* George, R.C. 92807
Robbins, R.R. Life cycle costing factors for large valve regulated vs. flooded battery systems 68955
Robbins, R.R. 10 things the design professional needs to know about batteries 68958
Robbins, V.M. *see* Kish, F.A. 56567
Robbins, W.P. *see* Mohan, N. 80088
Robein, D. *see* Blez, M. 56811
Robein, D. *see* Nakajima, H. 75502
Robein, D. *see* Nakajima, H. 83174
Robein, D. *see* Rose, B. 56813
Roberge, D., Sheng, Y. Performance of the optical wavelet matched filter 51579
Roberge, D., Sheng, Y. Optical composite wavelet matched filters 57841
Roberge, D., Yunlong Sheng Optical composite wavelet-matched filters 74457
Roberge, D., Yunlong Sheng Optical wavelet matched filter 84725
Roberge, D. *see* Changkakoti, R. 56916
Roberge, P.R. *see* Amphlett, J.C. 60441
Roberson, C.A. *see* Burton, T.L. 54450
Roberson, D.J., Schrader, C.B., Longbotham, H.G. Adaptive robust detection of below lesion, noninvasive electromyographic signals for muscle control 88550
Robert, B., Goeldel, C. Low-voltage quasi-resonant forward modelling [power convertors] 80095
Robert, B., Razban, T., Papiernik, A. Radiation results obtainable with diodes and amplifiers in a microstrip line 51206
Robert, B., Razban, T., Papiernik, A. Capacitors provide input matching of microstrip antennas 73514
Robert, C. *see* Beaudin, G. 88787
Robert, C. *see* Gouno, E. 91156
Robert, E. *see* Brendel, R. 50156
Robert, H. *see* Couc, E. 53046
Robert, J., Vleminckq, M. Modelling of saturation in salient-pole AC machines 89799
Robert, J.F. *see* Milcent, E. 87246
Robert, J.L. *see* Jeanjean, P. 92921
Robert, J.L. *see* Mosser, V. 66195
Robert, J.L. *see* Mosser, V. 66245
Robert, J.P. *see* Besson, P. 49755
Robert, M., Gorria, P., Miteran, J., Turgis, S. Design of a real time geometric classifier 49483
Robert, M. *see* Bloch, G. 75925
Robert, N. *see* Fabrig, R. 88419
Robert, P. *see* Jean-Marie, A. 79544
Robert, P. *see* Thouvenin, X. 97943
Robert, P.A. *see* Boschung, J. 83005
Robert, Ph. *see* Aminian, K. 98757
Robert, Ph. *see* Lang, T. 82696
Robert, S. *see* Grunenfelder, R. 58177
Robert, S. *see* Zarowitz, B.J. 67567
Robert, Y. *see* Boulet, P. 85215
Robertis, G.De *see* De Robertis, G.
Roberto Aiello, G., Mills, M.R. Log-ratio technique for beam position monitor systems 76387
Roberts, A. Optimal constant-luminance coding for digital television 95809
Roberts, A. *see* Bechade, R. 92285
Roberts, A. *see* Wade, G. 61811
Roberts, A. *see* Wade, G. 80432
Roberts, A.D. *see* Ross, M.A. 53283
Roberts, A.R., Joubert, J. A low-cost etched linear slotted waveguide array 57289
Roberts, B., Symosek, P. Image processing for flight crew enhanced situation awareness 77176
Roberts, B. *see* Bhanu, B. 74299
Roberts, B. *see* Johnson, M.J. 77177
Roberts, B.P. Power quality enhancement for high harmonic critical loads 68168
Roberts, C.E. *see* Pittman, D.N. 67965
Roberts, C.W. *see* Becker, P.C. 73106
Roberts, C.W. *see* de Barros, M.R.X. 66367
Roberts, D.A. *see* Benz, J.A. 90502
Roberts, D.E. Some issues in the design of software for e-beam analysis 57054
Roberts, D.H., Wardle, J.F.C., Brown, L.F. Linear polarization radio imaging at milliarcsecond resolution 66003
Roberts, G., Brown, D.W. Developments in low smoke and fume cable technology 61973
Roberts, G., Williams, A., Last, J.D. A low-power post-processed DGPS system for oceanographic applications 99286
Roberts, G.G. *see* Murphy, C.E. 56151
Roberts, G.N. *see* Chinn, N.L. 59670
Roberts, G.W. *see* Lu, A.K. 80404
Roberts, G.W. *see* Toner, M.F. 49508
Roberts, J.A. Packet error rates for DPSK and differentially encoded coherent BPSK 57327
Roberts, J.A., Bargallo, J.M. DPSK performance for indoor wireless Rician fading channels 52417
Roberts, J.A. *see* Bargallo, J.M. 75305
Roberts, J.C., Boutros, K.S., Bedair, S.M., Look, D.C. Low-temperature growth of high resistivity GaAs by photoassisted metalorganic chemical vapor deposition 49007
Roberts, J.M., Charnley, D. Parallel attentive visual tracking 57697
Roberts, J.P. *see* Rodriguez, G. 72744
Roberts, J.P. *see* Rodriguez, G. 73116
Roberts, J.S. *see* Cai, B. 50863
Roberts, J.S. *see* Evans, P.A. 83133
Roberts, J.S. *see* Kalingamudali, S.R.D. 81821
Roberts, J.S. *see* Krauss, T. 56766
Roberts, J.S. *see* Mottahedeh, R. 72442
Roberts, J.S. *see* Thirstrup, C. 50580
Roberts, J.S. *see* Zouganeli, P. 82715
Roberts, J.T. Algorithm provides efficient FET load-pull analysis 70887
Roberts, J.T. Load-pull analysis. II. Algorithm provides efficient FET load-pull analysis 93491
Roberts, J.W. *see* Bensaou, B. 65513
Roberts, K. *see* Dhawan, S.K. 98579
Roberts, K.J. *see* Fiala, J.C. 57695
Roberts, N. *see* Horenstein, M.N. 64080
Roberts, P. An ultra high speed 1 mega-point fast convolver 70682
Roberts, P.C.A. *see* Ives, G.R. 86926
Roberts, P.C.T. *see* Barber, H.B. 59302
Roberts, P.D. *see* Mohamed, M. 99933
Roberts, P.G. *see* Davidson, J.L. 81505
Roberts, R. *see* Amin, V.R. 99357
Roberts, R.D., Tepedenlengilou, N. A fast technique for finding the stationary autocorrelation matrix from a perturbational measurement of the gradient 84270
Roberts, R.G., Repperger, D.W. The dynamic environment simulator as a robotic system: kinematic issues 59453
Roberts, R.G. *see* Repperger, D.W. 59452
Roberts, R.M. *see* Baugh, S.G. 60853
Roberts, R.S., Chen, J.T., Vela, O.A., Lewis, P.S. Munitions classification using an acoustic resonance spectroscopic technique 99390
Roberts, S. *see* Tarassenko, L. 84820
Roberts, S. *see* Turner, A.K. 100462
Roberts, S.K. Sea Moss Microship. High-tech adventures on the open seas 65259
Roberts, S.R., Boyles, P.R., Silveri, P.J. Repair of a turbine rotor for 1050° F service by inserting a rotor section with weld build up 89642
Roberts, T. *see* Jervis, B.W. 98907
Roberts, T. *see* Scott, J.F. 56122
Roberts, T.L. *see* McMillan, L.D. 82149
Robertson, A., Bonk, D. Effect of pressure on second-generation pressurized fluidized bed combustion plants 60112
Robertson, A.G. *see* Wrench, A.A. 98988
Robertson, B., Romero, G., Singh, J. Tools and heuristics for operation of network applications 53623
Robertson, B.J. *see* Mathieson, D. 100184
Robertson, B.L., Munson, D.C., Jr. Motion errors in ISAR imaging of approaching targets 86552
Robertson, D., Camps, O.I., Mayer, J. Wavelets and power system transients: feature detection and classification 59702
Robertson, D. *see* Subbanna, S. 92190
Robertson, D.I. *see* Morrison, E. 83400
Robertson, E. *see* Pert, G.J. 50735
Robertson, G.N. *see* Knight, J.C. 94055
Robertson, G.N. *see* Knight, J.C. 94370
Robertson, I. *see* Kim, Y.-W. 79788
Robertson, I. *see* Sanchez-Hernandez, D. 57238
Robertson, I.D. *see* Cheng, K.K.M. 92565
Robertson, I.D. *see* Gillick, M. 70925
Robertson, I.D. *see* Gillick, M. 80731
Robertson, I.D. *see* Karacaoglu, U. 80830
Robertson, I.D. *see* Karacaoglu, U. 92591
Robertson, I.D. *see* Khemka, V. 83776
Robertson, I.D. *see* Lucyszyn, S. 49664
Robertson, I.D. *see* Lucyszyn, S. 49667
Robertson, I.D. *see* Lucyszyn, S. 52325
Robertson, I.D. *see* Lucyszyn, S. 80789
Robertson, J.B., Batson, V.M., Harris, R.L., Sr., Hunt, P.J. Flat-panel display for flight-simulator experiment 77150
Robertson, J.D. *see* Marzouk, H.A. 79953
Robertson, J.D. *see* Moltz, D.M. 98536
Robertson, J.G. *see* Large, M.I. 86637
Robertson, L. *see* Rayner, J. 66425
Robertson, L.D. *see* Karacaoglu, U. 92575
Robertson, M.A. Two applications of HTS technology on an airborne platform 99388
Robertson, M.A. *see* Tallsa, S.H. 80639
Robertson, M.J. *see* Lealman, I.F. 56797
Robertson, N. *see* Fan, L.-S. 60270
Robertson, N. *see* Tang, D.D. 72111
Robertson, P. Improving frame synchronization when using convolutional codes 83989
Robertson, R.C. *see* Varnum, K.C.M. 86463
Robertson, R.G. *see* Castaneda, C. 62012
Robertson, R.G. *see* Castenada, C. 70990
Robertson, S. A plasma lens and accelerator eased upon magnetically driven charge separation 76637
Robertson, S.V., Katehi, L.P.B., Rebeiz, G.M. W-band microshield low-pass filters 92474
Robertson, T. *see* Norton, P.W. 91524
Robertson, W. *see* Phillips, W.J. 95328
Robertson, W.M. *see* Paparao, P. 50613
Robertsson, L. Systematic frequency shifts related to detector geometry observed in laser systems stabilized by saturation absorption 50721
Robertsson, L. Line-shape distortion due to self-focusing effects when using frequency modulation techniques in saturation spectroscopy 73016
Robertsson, M.E., Eriksen, P., Lindstrom, B., Moll, H.-C., Engstrand, J.-A. Plastic optical connectors molded directly onto optical fibers and optical fiber ribbons 94128
Robeson, W. *see* Dhawan, V. 88450
Robig-Landau, M. *see* Gabler, A.R. 67416
Robigou, V. *see* Blondel, Ph. 99133
Robin, D. *see* Donald, M. 66879
Robin, D. *see* Tran, P. 66892
Robin, M. Bit-serial digital signal jitter causes, effects, remedies, and measurement 52694
Robin, P., Facoetti, H., Dubois, J.C., Dautriche, P., Pourquier, E. Ferroelectric polymers and IR detection 75970
Robin, P. *see* Bouteiller, L. 58931
Robin, P. *see* Coulson, G. 65151
Robin-Dugreneau, J. *see* Bezborodko, P. 90275
Robina, R. *see* Skocir, Z. 96279
Robinder, R.C. Calibration of spectroradiometric equipment to meet the standards of MIL-L-85762A, Appendix B 77165
Robinette, M. *see* Bellarmine, G.T. 89967
Robins, G. *see* Alexander, M.J. 91737
Robins, G. *see* Griffith, J. 91777
Robins, G. *see* McCoy, B.A. 49083
Robins, I. FET accompli 66585
Robins, K. *see* Ingold, G. 63868
Robins, K. *see* Lindner, M. 82420
Robins, K. *see* Solomon, L. 63880
Robins, K.E. *see* Ghosh, A.K. 76647
Robins, K.E. *see* Ghosh, A.K. 82417
Robins, L.H. *see* Jin, S. 81176
Robinson, A. *see* Abbott, L. 54382
Robinson, A.J. An application of recurrent nets to phone probability estimation 51421
Robinson, A.J. *see* Ellis, E.M. 98969
Robinson, A.M. *see* Allegretto, W. 66268
Robinson, A.M. *see* Allegretto, W. 87332
Robinson, A.M. *see* Vermeulen, F.E. 94902
Robinson, A.N. *see* Penticost, S.J. 65805
Robinson, C. *see* Flaherty, B. 67600
Robinson, C.J., Flaherty, B., Fehr, L., Agarwal, G.C., Harris, G.F., Gottlieb, G.L. Biomechanical and reflex responses to joint perturbations during electrical stimulation of muscle: instrumentation and measurement techniques 67448
Robinson, D. Acquiring data from noise 64479
Robinson, D. Designing for noise immunity 87030
Robinson, D. *see* Besser, B. 48665
Robinson, D.E. *see* Carpenter, D.A. 98786
Robinson, D.L., Brady, R.L., Higgins, I.M., III Development of a low stress silicon-carbon liquid encapsulant 91049
Robinson, D.L. *see* Chien-Chung Chen 63491
Robinson, E.L. *see* Sims, J.R. 83550
Robinson, F.V.P. The effect of thermal performance on device current utilisation 91885
Robinson, G. *see* Martin, E.A. 56555
Robinson, G.D. *see* Peters, F.H. 94506
Robinson, G.J. The accuracy of digital elevation models derived from digitised contour data 77314
Robinson, G.P., Colchester, A.C.F., Griffin, L.D. Model-based recognition of anatomical objects from medical images 84605
Robinson, H. *see* Heemyong Park 71363
Robinson, H.G., Haynes, T.E., Allen, E.L., Lee, C.C., Deal, M.D., Jones, K.S. Effect of implant temperature on dopant diffusion and defect morphology for Si implanted GaAs 93130
Robinson, H.G. *see* Lee, C.C. 71315
Robinson, I.A., Bryant, S. High-frequency calibration of inductive voltage dividers 86947
Robinson, I.A., Bryant, S. An automated high-frequency inductive voltage divider 87407
Robinson, I.A., Kibble, B.P., Belliss, J.H. The NPL moving-coil watt balance 86828
Robinson, J. Quadrilateral and hexahedron shape parameters 54797
Robinson, J. *see* Grenville, A. 62555
Robinson, L.J. *see* Bjorkheim, O. 99147
Robinson, L.R. *see* Little, J.W. 59395
Robinson, M. Computer support for meetings: formalisms for local control? 96831
Robinson, M., Dye, D. The right and long way to terminate fiber 97247
Robinson, M. *see* Godber, S.X. 76085
Robinson, M. *see* Helsel, M. 67704
Robinson, M. *see* Lee, M.S.L. 93475
Robinson, M.E., Klein, H.W., Palla, S., Chung, T.-S. A 0.8 nV/$\sqrt{}$Hz CMOS preamplifier for magneto-resistive read elements 91920
Robinson, M.J., Oakley, J.P. Measuring geometrical parameters of involute spur gears to subpixel resolution 86996
Robinson, M.J. *see* Nehl, T.W. 82288
Robinson, M.J. *see* Tihanyi, P.L. 72914
Robinson, P. *see* Parker, M. 65240
Robinson, S. *see* Deis, G. 87958

Robinson, S.J., Aberle, A.G., Green, M.A. Recombination saturation effects in silicon solar cells 90394
Robinson, S.J. *see* Lambert, C.J. 63291
Robinson, S.J. *see* Zhao, J. 78813
Robinson, T.R. *see* Cudlip, W. 77272
Robinson, W., Burgett, W., Dombeck, T., Gannon, J., Kraushaar, P., McInturff, A., Savord, T., Tool, G. Electrical performance characteristics of the SSC accelerator system string test 76644
Robinson, W. *see* Burgett, W. 98480
Robinson, W. *see* Kraushaar, P. 76654
Robinson, W. *see* McInturff, A.D. 76652
Robinson, W. *see* McInturff, A.D. 87671
Robischon, S.J. *see* Fehl, D.L. 67411
Robitaille, P.-M.L. *see* Abduljalil, A.M. 67531
Robl, P. *see* Fordham, C. 59184
Robl, P. *see* Panescu, D. 61581
Robl, P. *see* Panescu, D. 67385
Robla, J.I. *see* Horrillo, M.C. 66523
Robles, J. *see* Anjard, R.P. 79479
Robles, S. *see* Blech, I. 98317
Robles, S. *see* Kwok, K. 70158
Roblin, C., Crete, D. A static study of multilayered multiconductor transmission lines 57153
Roblin, P. New topologies for field effect transistor models 81991
Roblin, P. *see* Liou, W.-R. 71579
Roboam, X. *see* Dagues, B. 89947
Roboz, V. Radio data system (RDS) 97590
Robrish, P. Single-mode electro-optically tuned Nd:YVO_4 laser 63718
Robrish, P. *see* Canright, R.E., Jr. 83775
Robshaw, M.J.B. On evaluating the linear complexity of a sequence of least period 2^n 57395
Robson, I.A., Whittington, H.W., Connelly, J. A decision support system for energy trading between power generators 59827
Robson, I.A. *see* Whittington, H.W. 78504
Robson, M., O'Sullivan, C.M.M., Scott, P.F., Duffett-Smith, P.J. Observations of atmospheric noise fluctuations with a metre-baseline interferometer in the 13-17 GHz band 66005
Robson, M. *see* Goodenough, D.G. 88846
Robson, N. *see* Kerr, J.A. 70461
Robson, N. *see* Pearsall, N.M. 100750
Robson, P.N. *see* David, J.P.R. 93314
Robson, P.N. *see* Pabla, A.S. 82720
Robson, P.N. *see* Smartt, C.J. 72354
Robson, P.N. *see* Thirstrup, C. 50580
Robson, R.R. *see* Ferro, R.J. 62669
Robson, R.S. Practical strategies for achieving system compliance 57139
Robur, I.I. *see* Romanenko, P.F. 73141
Roby, D. *see* Darveniza, M. 68308
Robyns, B., Buyse, H., Labrique, F. Study and implementation of a simplified and robust position digital controller for a PM synchronous actuator 100423
Robyns, B., Labrique, F., Buyse, H. Performance analysis of a simplified indirect field oriented control algorithm for small power induction actuators 90328
Robyns, B. *see* Fu, Y. 90324
Roca, J.L. Cause-effect failure analysis for measure channels with computer process units 78311
Roca, M., Moll, F., Rubio, A. Crosstalk effects between metal and polysilicon lines in CMOS integrated circuits 71808
Roca, M. *see* Segura, J. 93588
Roca, V., Diot, C. XTP versus TCP/IP in a UNIX/Streams environment 96263
Roca, V. *see* Bernini, U. 52878
Roca, X. *see* Binefa, X. 79481
Roca, X. *see* Perez, F.X. 79480
Roca i Cabarrocas, P. Deposition of intrinsic, phosphorus-doped, and boron-doped hydrogenated amorphous silicon films at 50°C 79941
Roca i Cabarrocas, P., Lloret, A. Optical and electronic properties of hydrogenated amorphous silicon films deposited by square-wave modulated RF discharges of silane-He mixtures 49786
Roca i Cabarrocas, P. *see* Layadi, N. 61372
Roca i Cabarrocas, P. *see* Neitzert, H.C. 81465
Rocamontes, R. *see* Martin, E. 60309
Rocca, F. *see* Gatelli, F. 77721
Rocca, F. *see* Monti Guarnieri, A. 77609
Rocca, F. *see* Monti-Guarnieri, A. 77247
Rocca, F. *see* Pedersini, F. 57775
Rocca, J.J., Cortazar, O.D., Szapiro, B.T., Tomasel, F.G., Hartshorn, D. Study of fast capillary discharge plasma columns for soft-X-ray amplifiers 50736
Rocca, J.J., Shlyaptsev, V., Tomasel, F.G., Cortazar, O.D., Hartshorn, D., Chilla, J.L.A. Demonstration of a discharge pumped table-top soft X-ray laser 94330
Rocca, J.J. *see* Shlyaptsev, V.N. 50739
Roccasecca, D.D. *see* Bylsma, R.B. 72804
Roccetti, M. *see* Panzieri, F. 65074
Rocchi, S. *see* Capineri, L. 66185
Rocci, P.J. Thermal-structural reliability assessment of helix TWT interaction circuit using finite element analysis 55521
Roch, J.F. *see* Grangier, P. 52583
Roch, M. *see* Travier, C. 59048
Rocha, A.C.D. *see* Rodrigues, J.L.V. 70671
Rocha, C.S.da *see* da Rocha, C.S.
Rocha, J.R.F.Da *see* Da Rocha, J.R.F.
Rocha, J.R.Ferreira da *see* Ferreira da Rocha, J.R.
Rocha, M.L. *see* Pataca, D.M. 63706
Rocha, R. *see* Casaca, A. 58168
Rocha, R. *see* Nava, M.D. 65064
Roche, C., Fdida, S. A dynamic resource management mechanism for LAN interconnection across high-speed networks 65287
Roche, C.T. *see* Delayen, J.R. 76302
Roche, D. *see* Minondo, M. 62399
Roche, F.M. *see* Girard, P. 56074
Roche, M. *see* Haurie, A. 69689
Rochel, S. *see* Forno, S. 91732
Rochelle, J.M., Simpson, M.L. Current-mode time-to-amplitude converter for precision subnanosecond measurement 70797
Rochelle, J.M. *see* Binkley, D.M. 98817
Rochelle, J.M. *see* Williams, B.E. 55525
Rochemont, L.P.de *see* de Rochemont, L.P.
Rocher, A. *see* Ponchet, A. 69975
Rocher, A. *see* Ponchet, A. 81311
Rocher, H. *see* Dreute, J. 70477
Rocher, H. *see* Metzger, S. 70476
Rocher, V., Poyard, S., Jaffrezic-Renault, N., Ajoux, C., Lemiti, M., Sibai, A. Photo-CVD silicon nitride thin layers as pH-ISFET sensitive membrane 66224
Rochester, L.S. *see* Cavalli-Sforza, M. 87772
Rochette, H.De la *see* De la Rochette, H.
Rochford, G. *see* Somers, M.L. 99287
Rochford, K.B., Day, G.W., Forman, P.R. Polarization dependence of response functions in 3×3 Sagnac optical fiber current sensors 87256
Rochon, R., Mao, J., Natansohn, A., Xie, S. Efficiency of reversible optical storage in azo polymers 56326
Rock, D.A. *see* Bruce, D.S. 99124
Rock, H. *see* Kolahi, K. 98371
Rock Lee Sang *see* Sang Rock Lee
Rockart, J.F. *see* Malone, T.W. 85795
Rocke, A.F.Lyle *see* Lyle Rocke, A.F.
Rockefeller, G.D. *see* Gish, W.B. 68173
Rockefeller, R. Putting video dial tone to the test in Manhattan 86753
Rocken, C., Ware, R., Van Hove, T., Solheim, F., Alber, C., Johnson, J., Bevis, M., Businger, S. Sensing atmospheric water vapor with the Global Positioning System 59550
Rocken, C. *see* Bevis, M. 73356
Rocken, C. *see* Kelecy, T.M. 59571
Rocken, C. *see* Ware, R. 59537
Rockett, A. A Monte Carlo simulation of the growth of Si(001)2×1: adatom/SA step interactions and growth mechanisms 61310
Rockett, A. *see* Mullan, C.A. 81449
Rockett, A. *see* Xiao, H.Z. 81261
Rockett, A. *see* Yang, L.C. 100511
Rockett, A.M. *see* Cusick, T.W. 79572
Rocks, M. *see* Gieschen, N. 52485
Rocks, M. *see* Olivier, L. 82760
Rockstad, H.K., Kenny, T.W., Reynolds, J.K., Kaiser, W.J., Gabrielson, T.B. A miniature high-sensitivity broad-band accelerometer based on electron tunneling transducers 66241
Rockstad, H.K. *see* Kenny, T.W. 87077
Rockstroh, W. *see* Meyer, H.-G. 56256
Rockwell, D.A. *see* Sumida, D.S. 94426
Rockwell, R.C. An integrated network interface between the researcher and social science data resources: in search of a practical vision 58187
Rocque, J.M. *see* Katnani, A.D. 81718
Rod, B.J., McCullen, J., Moore, R.A., Terrell, J. The effects of PECVD silicon dioxide passivation on the electrical characteristics of sol-gel deposited PZT film capacitors 49003
Roda, V.O. *see* da Fontoura Costa, L. 95755
Roda, V.Obac *see* Obac Roda, V.
Rodamaker, M.C. *see* Williams, R.K. 55144
Rodbell, K.P. *see* Colgan, E.G. 81575
Rodbell, K.P. *see* Simpson, P.J. 71410
Rodbell, K.P. *see* Tracy, D.P. 81574
Rodd, M.G. Communications for real-time industrial control: the design issues 58205
Rodda, W.J., Kastura, J.L., Mahan, S.T. Automotive electronic implications of OBD II 78972
Roddeman, D.G. Least squares stabilization for one-point integration 69890
Rodden, T. *see* Bentley, R. 96186
Rodden, T. *see* Bentley, R. 99128
Rodder, M., Iyer, S., Aur, S., Chatterjee, A., McKee, J., Chapman, R., Chen, I.C. Oxide thickness dependence of inverter delay and device reliability for 0.25 μm CMOS technology 93620
Rodder, M. *see* Chatterjee, A. 70486
Rodder, M. *see* Chen, I.-C. 81909
Roddy, R. *see* Townsend, D.W. 98819
Rode, B. *see* Kleintz, M. 58445
Rode, D.L. Charge-injection theory of bipolar junction transistors 81842
Rode, D.L. *see* Cordaro, M.H. 94064
Rode, D.L. *see* Nakagawa, K. 82665
Rodehorst, V. *see* Klette, R. 95692
Rodellar, V. *see* Olmos, P. 67405
Rodenas, J., Verdu, G. Application of the Monte Carlo method to estimate the tenth-value thickness for X-rays in medical electron accelerators 66797
Rodenbaugh, T.J. *see* Kramer, S.R. 89256
Rodenbaugh, T.J. *see* Singh, N. 89274
Rodenburg, R. *see* Dowell, D. 76384
Rodenhiser, W. *see* Serfass, J.A. 60449
Rodenz, G. *see* Stringfield, R.M. 71045
Roder, H. *see* Silver, R.N. 79699
Roder, P.A. Learning algorithms for both real-time detection of solder shorts and for SPC measurement correction using cross-sectional X-ray images of PCBA solder joints 69597
Roderburg, E. *see* Dahmen, M. 87984
Roderick, W.I., Deavenport, R.L. Doppler characteristics of sea surface reflected and scattered acoustic signals induced by surface wave motion 77554
Rodet, X. *see* Depalle, P. 75800
Rodet, X. *see* Doval, B. 74099
Rodet, X. *see* Freed, A. 75802
Rodewald, W. *see* Handstein, A. 72182
Rodewald, W. *see* Velicescu, M. 49022
Rodewald, W. *see* Wall, B. 72020
Rodger, C.A. *see* Adams, P. 61111
Rodger, C.A. *see* Bryant, D.E. 91285
Rodger, D., Allen, N., Lai, H.C., Leonard, P.J. Calculation of transient 3D eddy currents in nonlinear media verification using a rotational test rig 83497
Rodger, D. *see* Leonard, P.J. 83487
Rodger, D. *see* Sangha, P.S. 90319
Rodger, E., Tsoupas, N., Claus, J., Foelsche, H.W. Design of a Lambertson injection magnet for the RHIC machine 76697
Rodger, R.M., Grist, I.J., Peskett, A.O. Video motion detection systems: a review for the nineties 97701
Rodger, R.M., Leach, G.J., Featy, S.D. Alarm verification aids: adding value to closed circuit television and detection systems 97679
Rodgers, G. Tutorial on signal leakage and calibration [cable television systems] 66053
Rodgers, J. *see* Destler, W.W. 63895
Rodgers, J. *see* Destler, W.W. 66801
Rodgers, J. *see* Ramaswamy, K. 59033
Rodgers, J.E. Near zero emission cleaning system 81020
Rodgers, L.W., Morris, T.A. NO_x control using furnace combustion techniques 89619
Rodgers, M.D. SATORI: Situation Assessment ThrOugh Re-creation of Incidents 99125
Rodgers, P. *see* Minot, K. 86298
Rodgers, P. *see* Minot, K. 97171
Rodgers, P.A., Patterson, A.C., Wilson, D.R. Evaluating the relationship between product and user 54465
Rodgers, P.W. Self-noise spectra for 34 common electromagnetic seismometer/preamplifier pairs 53532
Rodier, J. *see* Travier, C. 59048
Rodin, B. *see* Doyle, P. 69737
Rodin, E.A. Regression estimation of signal parameters 84212
Rodin, P.B. *see* Minarskii, A.M. 81766
Rodionov, A.Yu. *see* Shekhtman, V.N. 83380
Rodionov, B.M. *see* Solyakov, V.K. 89620
Rodionov, B.U. Two-phase detector based on liquid rare gases and electron emission from solid and liquid rare gases in gas 67345
Rodionov, V.I. *see* Bykov, K.I. 78362
Rodionova, V.N., Slepyan, A.Ya., Slepyan, G.Ya. Set of high-quality corrugated resonators for measurements at millimeter-wave band 87461
Rodionova, V.N. *see* Natarov, M.P. 80581
Roditi, G.H., Smith, F.W., Redpath, T.W. Evaluation of tilted, optimized, non-saturating excitation pulsed in 3D magnetic resonance angiography of the abdominal aorta and major branches in volunteers 59365
Rodman, P. *see* Ikumi, N. 92283
Rodney, P.J. *see* Lobad, A.I. 63696
Rodney, P.J. *see* Lobad, A.I. 72968
Rodney, W.S. *see* Greife, U. 98550
Rodning, N. *see* Gingrich, D. 53291
Rodohan, D.P., Saunders, S.R. Parallel implementations of the finite difference time domain (FDTD) method 51009
Rodolakis, A.J. Computer-aided selection and verification of medium and high voltage circuit breakers 54124
Rodot, M. *see* Barhdadi, A. 81182
Rodot, M. *see* Ghannam, M.Y. 100620
Rodot, M. *see* Ghannam, M.Y. 100623
Rodot, M. *see* Sivoththaman, S. 100481
Rodricks, B., Qiang Huang, Hopf, R., Kemei Wang A large area detector for X-ray applications 88048
Rodricks, B. *see* Qiang Huang 88321
Rodricks, B. *see* Sung Shik Yoo 88040
Rodricks, B. *see* Yoo, S.S. 98011
Rodrigue, G.H. *see* Anant, K.S. 57596
Rodrigue, G.P. *see* Troxler, R.E. 61866
Rodrigue, G.P. *see* Vaughn, J.T. 82295
Rodrigue, S. *see* Cadorette, J. 53410
Rodrigue, S. *see* Lecomte, R. 59286
Rodrigue, S. *see* Lecomte, R. 88411
Rodrigue, S. *see* Lecomte, R. 98870
Rodrigues, A., Monteiro, E., Boavida, F. A proposal for a connection-mode network service relay profile 52137
Rodrigues, A. *see* Amphlett, J.C. 60441
Rodrigues, A.P. *see* Seixas, J.M. 87644
Rodrigues, A.R.D., Goncalves da Silva, C.E.T., Wisnivesky, D. A progress report on the

Laboratorio Nacional de Luz Sincrotron (Brazil) [Brazilian synchrotron light source] 66838
Rodrigues, B.R.S., Styblinski, M.A. Multi-objective circuit quality optimization using hierarchical/adaptive fuzzy set theory approach 69623
Rodrigues, C.R. *see* Mistry, S.D. 82932
Rodrigues, D., Jr. *see* Thieme, C.L.H. 72216
Rodrigues, J.L.V., Teixeira, A.J.S., Rocha, A.C.D., Neves, J.C.S. A DSP based data acquisition system for propagation experiments with the Olympus satellite 70671
Rodrigues, L. *see* Freitas, P.P. 75948
Rodrigues, P.J.C. An orthogonal almost-periodic Fourier transform for use in nonlinear circuit simulation 49121
Rodrigues, R., Juen, S.A., Lamprecht, K.F., Hopfel, R.A. Electron-hole scattering in highly doped p-GaAs after femtosecond optical excitation 62180
Rodrigues, R.G., Bhat, I., Borrego, J.M., Venkatasubramanian, R. Photoreflectance characterization of InP and GaAs solar cells 100677
Rodriguez, A. Subjective tests for the assessment of Flash-TV codec quality 97649
Rodriguez, A. *see* Kerszenbaum, I. 89245
Rodriguez, A.A., Morse, K. Evaluating video codecs 84903
Rodriguez, E., Martin, J.M. Correlation properties of ocean altimeter returns 88792
Rodriguez, E. *see* Glenn, S. 49501
Rodriguez, F., Ramachandran, A. Evaluation of a bilayer resist system based on a zirconium-containing polymer 81652
Rodriguez, F.J. *see* Madrid, J.J.M. 67907
Rodriguez, F.J.Jimenez *see* Jimenez Rodriguez, F.J.
Rodriguez, G., Roberts, J.P., Taylor, A.J. Ultraviolet ultrafast pump-probe laser based on a Ti:sapphire laser system 72744
Rodriguez, G., Roberts, J.P., Taylor, A.J. Ti:sapphire based ultrafast pump-probe laser source in the violet and ultraviolet 73116
Rodriguez, G., Seatzu, S. On the numerical inversion of the Laplace transform in reproducing kernel Hilbert spaces 48893
Rodriguez, G. *see* Gimenez, G. 74927
Rodriguez, I. *see* Barker, T. 96490
Rodriguez, J., Wiechmann, E., Holtz, J., Suarez, A., Sepulveda, M. IGBT inverter with vector modulation 100246
Rodriguez, J.L., Hughes, R.C., Corbett, W.T., McWhorter, P.J. Robust, wide range hydrogen sensor 66589
Rodriguez, J.M. *see* de Frutos, J. 66570
Rodriguez, J.P. *see* Bonin, B. 67067
Rodriguez, J.R. *see* Wiechmann, E.P. 100239
Rodriguez, J.V. *see* Bell, T.F. 83687
Rodriguez, K.M., Huntley, L. A U.S. intercomparison of Josephson Array Voltage Standards 87403
Rodriguez, L.A., Kerr, J.D. WAPDA-USAID collaboration works [energy loss reduction] 59793
Rodriguez, L.A., Kerr, J.D. New Pakistani program reduces energy loss 68091
Rodriguez, M. *see* Shahidi, G.G. 71797
Rodriguez, M.L. *see* Souto, J. 76095
Rodriguez, P. *see* Bernhardt, P.A. 83690
Rodriguez, P. *see* Chidambaram, R. 60056
Rodriguez, R. *see* Cutler, R.I. 67077
Rodriguez, R. *see* Mynk, J. 67179
Rodriguez, T., del Rio, J., Lopez Rubio, J.A., Sangrador, J., Van Praet, D. $Hg_{1-x}Cd_xTe$ electrical properties changes induced by rapid thermal annealing 62161
Rodriguez de Torres, I. *see* Lopez de Munain, J.M.H. 52018
Rodriguez Munoz, M. *see* Ramos Niembro, G. 77971
Rodriguez Ortiz, G. *see* Ramos Niembro, G. 77971
Rodriguez Tellez, J., Al-Daas, M., Mezher, K.A. Comparison of nonlinear MESFET models for wideband circuit design 50040
Rodriguez-Alvarez, J.M. *see* Villavicencio-Ramirez, A. 99832
Rodriguez-Fernandez, L., Miranda, J., Oliver, A. Characterization of a Si(Li) detector for PIXE analysis 98555
Rodriguez-Macias, R. *see* Medeiro, F. 91799
Rodriguez-Mateos, F. *see* Coull, L. 82423
Rodriguez-Mendez, M.L., Khoussed, Y., Souto, J., Sarabia, J., Aroca, R., de Saja, J.A. Langmuir-Blodgett films of lanthanide diphthalocyanines as environmental tobacco smoke sensors 58887
Rodriguez-Montanes, R., Figueras, J. Analysis of bridging defects in sequential CMOS circuits and their current testability 49320
Rodriguez-Montero, P. *see* Lohmann, A. 56508
Rodriguez-Padilla, V. *see* LaFrance, G. 53856
Rodriguez-Parada, J.M. *see* Marowsky, G. 63966
Rodriguez-Vazquez, A. *see* Espejo, S. 80520
Rodriguez-Vazquez, A. *see* Espejo, S. 98014
Rodriguez-Vazquez, A. *see* Medeiro, F. 91799
Rodriguez-Vazquez, A. *see* Medeiro, F. 91840
Rodriguez-Vazquez, A. *see* Wambacq, P. 70233
Rodriguez-Vera, R. Three-dimensional gauging by electronic moire contouring 66675
Rodriguez-Vera, R., Kerr, D. Displacement and shape information using electronic speckle contouring 76194
Rodriquez, A.A. *see* Harmon, R.L. 88515
Rodwell, M. *see* Schlechtweg, M. 80787
Rodwell, M.J.W., Allen, S.T., Yu, R.Y., Case, M.G., Bhattacharya, U., Reddy, M., Carman, E., Kamegawa, M., Konishi, Y., Pusl, J., Pullela, R., Esch, J. Active and nonlinear wave propagation devices in ultrafast electronics and optoelectronics [and prolog] 72643
Rodwell, M.J.W., Yu, R., Reddy, M., Pusl, J., Allen, S., Case, M., Bhattacharya, U. Millimeter-wave network analysis using nonlinear transmission lines 61949
Rodwell, M.J.W., Yu, R., Reddy, P., Allen, S., Bhattacharya, U. Active probes for on-wafer millimeter-wave network analysis 87471
Rodwell, M.J.W. *see* Allen, S.T. 92544
Rodwell, M.J.W. *see* Konishi, Y. 76181
Rodwell, M.J.W. *see* Ruai, Y.Yu. 70911
Rodwell, M.J.W. *see* Smith, R.P. 81769
Rodwell, M.J.W. *see* Tsai, H.S. 51269
Rodyakin, V.A. *see* Aulchenko, V.M. 67341
Roe, A. *see* Edberg, D. 99058
Roe, A.D. Cost methodology for the Joint Direct Attack Munition COEA 88933
Roe, D. *see* Glinski, S. 64361
Roe, H., Hobson, G.S. Classification of road vehicles from microwave profiles 96120
Roe, M.G. *see* Dobson, R.A. 51573
Roecker, J.A. *see* Rudd, J.G. 77779
Roeckerath-Ries, M.-T. *see* Rathjen, D. 57478
Roecklein, J.C. *see* Karl, F.X. 76705
Roedern, B.G.von *see* von Roedern, B.G.
Roedern, B.von *see* von Roedern, B.
Roehr, W. *see* Petrovic, R. 65674
Roehr, W. *see* Petrovic, R. 97149
Roehrig, H., Chee-Wai Cheng Real-time imaging detectors for portal imaging 59345
Roelands, M. *see* Verhelst, W. 84089
Roellig, L.O. *see* Waeber, W.B. 87938
Roellig, T.L. *see* McKelvey, M.E. 58781
Roemer, P.B. *see* Black, R.D. 59270
Roemer, P.B. *see* Mueller, O.M. 60353
Roenker, K.P. *see* Song, C. 70808
Roer, T.G.van de *see* van de Roer, T.G.
Roermund, A.H.M.van *see* van Roermund, A.H.M.
Roesch, W.J. *see* Bensoussan, A. 61939
Roeschert, H. *see* Padmanaban, M. 81618
Roeske, F., Deri, B., Dijaili, S., Lee, H., Lowry, M., McConaghy, C., Patterson, F., Pocha, M., Strand, T. Overview of photonics research at Lawrence Livermore National Laboratory 67727
Roessgen, M., Deriche, M., Boashash, B. A comparative study of spectral estimation techniques for noisy non-stationary signals with application to EEG data 98914
Roessgen, M. *see* Arnold, M.J. 95549
Roessler, G. A simple configuration method for installation of OSI systems in LANs 51969
Rofail, S.S. Low-voltage, low-power BiCMOS digital circuits 55318
Rofail, S.S., Elmasry, M.I. Schottky merged BiCMOS structures 50105
Rofffon, P. *see* Mainville, J. 68911
Roffman, W. *see* Eccles, C.D. 59348
Rofougaran, A. *see* Chang, G. 91932
Rofougaran, A. *see* Rofougaran, M. 70313
Rofougaran, M., Rofougaran, A., Olgaard, C., Abidi, A.A. A 900 MHz CMOS RF power amplifier with programmable output 70313
Rogachev, A.A. *see* Ostroumov, E.V. 93426
Rogachev, N.A., Kuznetsov, A.N., Terukov, E.I., Lebedev, A.A., Chelnokov, V.E. Growth of epitaxial layers of silicon carbide from a gaseous phase crated by magnetron reactive sputtering 69937
Rogachev, N.A., Kuznetsov, A.N., Trapeznikova, I.N., Terukov, E.I., Chelnokov, V.E. Amorphous hydrogenated silicon carbide produced by magnetron reactive sputtering 91578
Rogachev, N.A. *see* Vasil'ev, V.A. 50667
Rogacheva, E.A. *see* Petrov, M.P. 72727
Rogai, S. *see* Luberti, S. 68113
Rogal, A.D. *see* Katz, M.M. 98495
Rogal, A.D. *see* Vasiliev, A.A. 53221
Rogalev, N.D. *see* Volkov, E.P. 53913
Rogalla, H. Superconducting electronics 93921
Rogalla, H. *see* Adelerhof, D.J. 50431
Rogalla, H. *see* Adelerhof, D.J. 93926
Rogalla, H. *see* Adelerhof, D.J. 97907
Rogalla, H. *see* Golubov, A.A. 67361
Rogalla, H. *see* Hilgenkamp, J.W.M. 66310
Rogalla, H. *see* Joosse, K. 50399
Rogalla, H. *see* van den Bosch, P.J. 98763
Rogalla, H. *see* van Duuren, M.J. 66314
Rogalski, A. New trends in semiconductor infrared detectors 52873
Rogalski, A., Jozwikowski, K. GaAs/AlGaAs quantum well infrared photoconductors versus HgCdTe photodiodes for long-wavelength infrared applications 58757
Rogalski, A. *see* Ciupa, R. 56535
Rogalski, J. *see* Marle, G.L. 86033
Rogan, P. *see* Xiaohong Guan 77850
Rogatskin, B.S. Increasing the efficiency of water-treatment systems at power stations 89412
Rogatskin, B.S. The economic efficiency of automated monitoring of water chemistry at electric power stations 89627
Rogdestvensky, B.V. *see* Dolinsky, A.V. 87852
Roger, C., Corbitt, T.S., Hampden-Smith, M.J., Kodas, T.T. Aerosol-assisted chemical vapor deposition of copper: a liquid delivery approach to metal thin films 70156
Roger, C.A. *see* Liang, C. 90330
Roger, C.A. *see* Sun, F.P. 82203
Roger, R.E., Arnold, J.F. Reversible image compression bounded by noise 57857
Rogers, A., Handerek, V. Static and dynamic fibre polarization grating couplers for sensing applications 52890
Rogers, A. *see* Fahrig, R. 88419
Rogers, A.E.E. *see* Hinteregger, H.F. 72136
Rogers, A.E.E. *see* Ingalls, R.P. 58532
Rogers, A.E.E. *see* Napier, P.J. 58524
Rogers, A.J. Application of optical fibres in power systems 60012
Rogers, A.J. *see* Cokgor, I. 50506
Rogers, A.J. *see* Kanellopoulos, S.E. 66390
Rogers, A.S. An introduction to groupware and CSCW 74796
Rogers, A.S. Virtuosi—virtual reality support for groupworking 74939
Rogers, C. *see* English, W. 78187
Rogers, C. *see* Johnson, M. 76135
Rogers, C. *see* Johnson, M. 77138
Rogers, C.A. *see* Chaudhry, Z. 82210
Rogers, C.A. *see* Chen Liang 93784
Rogers, C.A. *see* Liang, C. 71877
Rogers, C.A. *see* Lin, M.W. 82214
Rogers, C.A. *see* Lin, M.W. 82215
Rogers, C.A. *see* Rossi, A. 100425
Rogers, C.A. *see* Stein, S.C. 100426
Rogers, C.A. *see* Su-Wei Zhou 93771
Rogers, C.A. *see* Suwei Zhou 82209
Rogers, D. *see* Mak, A. 71273
Rogers, D. *see* Mason, P. 99040
Rogers, D.J., Maeda, Y., Takei, K., Shen, Y., Laughlin, D.E. Investigations of compositional separation in Co-Cr-Ta/Cr thin-film recording media 71998
Rogers, D.J. *see* Maeda, Y. 72089
Rogers, D.T., Nowicki, J. The new generation of ISDN applications and beyond 85892
Rogers, D.W. *see* Martis, R.J. 68794
Rogers, D.W.O. *see* Almond, P.R. 88587
Rogers, D.W.O. *see* Li, X.A. 67617
Rogers, E., Owens, D.H. 2D signal processing theory applied to learning control systems 51493
Rogers, E. *see* Moore, C.G. 52621
Rogers, E.M. Claude Shannon's cryptography research during World War II and the mathematical theory of communication 95057
Rogers, G. *see* Bissen, M. 87752
Rogers, G.C. *see* Wallace, D.J. 87758
Rogers, H. *see* Breidenbach, M. 92864
Rogers, J., Sokolov, R., Thomas, M. Analysis and models of sound phase fluctuations with applications to outdoor active noise control 74123
Rogers, J.C. *see* Hancock, W.R. 77170
Rogers, J.D., Coleman, P.D., Schaffer, G., Wallace, J.D., Wang, X.Q., Zhao, Y. RF system analyses for the SSC collider rings 67180
Rogers, J.D. *see* Campbell, L.J. 83552
Rogers, J.D. *see* Schaffer, G. 67132
Rogers, J.D. *see* Schillig, J.B. 83536
Rogers, J.D. *see* Sims, J.R. 83550
Rogers, J.G., Nutt, R., Andreaco, M., Williams, C.W. Testing 144- and 256-crystal BGO block detectors 88125
Rogers, J.K. *see* Toledo-Crow, R. 82025
Rogers, J.L., Varhue, W.J., Adams, E., Lavoie, M.A., Frenette, R.O. Growth of Er-doped Si films by electron cyclotron resonance plasma enhanced chemical vapor deposition 91437
Rogers, J.W. *see* Chidley, C.K. 89694
Rogers, J.W., Jr. *see* Bertolet, D.C. 61364
Rogers, K. Design of a low-cost, Earth to space power beaming demonstration 68492
Rogers, K.R. *see* Sharma, A. 52963
Rogers, L. *see* Benary, O. 53327
Rogers, L. *see* Benary, O. 98517
Rogers, L. *see* Benary, O. 98640
Rogers, P.H. *see* Luker, L.D. 77742
Rogers, R.C. *see* Keane, M.K. 93873
Rogers, R.M. In-flight line-of-sight sensor boresighting using GPS receiver data 86299
Rogers, R.R., Cohn, S.A., Ecklund, W.L., Wilson, J.S., Carter, D.A. Experience from one year of operating a boundary-layer profiler in the center of a large city 88779
Rogers, R.V. *see* Paz, N.M. 60871
Rogers, S. *see* D'Angelo, W. 59451
Rogers, S. *see* Ericson, M. 59492
Rogers, S. *see* Walther, M. 81333
Rogers, S. *see* Zahirniak, D. 59645
Rogers, S.K., Kabrisky, M., Ruck, D.W., Goble, J.R., Suarez, P.F. Communications interface for the non-vocal 77075
Rogers, S.K. *see* Block, P.G. 84723
Rogers, S.K. *see* Burns, T.J. 57838
Rogers, S.K. *see* Burns, T.J. 74454
Rogers, S.K. *see* Colombi, J.M. 64379
Rogers, S.K. *see* Colombi, J.M. 84126
Rogers, S.P., Hamilton, D.B. An intelligent system and a relational data base for codifying helmet-mounted display symbology design requirements 67693

Rogers, S.R. Advantages of pulse counting in microchannel plate detectors 87276
Rogers, S.R. *see* Litman, A. 87524
Rogers, T. *see* Fu, S.T. 80707
Rogers, T.E. *see* Daledda, K. 99947
Rogers, T.J. *see* Huffaker, D.L. 72811
Rogers, T.J. *see* Huffaker, D.L. 83128
Rogers, T.J. *see* Look, D.C. 71718
Rogers, T.J. *see* Stutz, C.E. 55555
Rogers, T.P., Molnar, S. An automated test system for fault location in VLSI circuits 62945
Rogers, W.A. *see* Sanghyeon Baeg 92040
Rogers, W.J.S., Postlethwaite, H.R. Use of a public supply earth terminal 53833
Rogers, W.J.S., Welsh, J. Integrated earthing of wind farms 53978
Rogers, W.L. *see* Hero, A.O. 57723
Rogers, W.L. *see* Petrick, N. 87964
Rogers, W.L. *see* Petrick, N. 98703
Rogge, D. *see* Alexander, H. 53595
Rogge, D. *see* Alexander, H. 59920
Roggen, J. *see* Honore, M. 66559
Roggen, J. *see* Huyberechts, G. 58674
Roggen, J. *see* Huyberechts, G. 87327
Roggen, J. *see* Lenaerts, S. 66540
Rogier, J.L. *see* Bertel, L. 83675
Rogler, W. *see* van Gentzkow, W. 92679
Rogne, T. *see* Johansen, J.K. 81918
Rogne, T. *see* Kvien, O. 62655
Rogner, H.-H. Fuel cells, energy system evolution and electric utilities 90373
Rognon, J.-P. *see* de Fornel, B. 100072
Rognon, J.-P. *see* Diallo, D. 69110
Rognon, J.P. *see* Bendaas, M.L. 90659
Rognon, J.P. *see* Diallo, D. 69058
Rognon, J.P. *see* Mahdavi, J. 68769
Rogoff, R., Hong, S.S., Schramm, D., Espin, G. Reticle specific compensations to meet production overlay requirements for 64 MB and beyond 71516
Rogoff, R. *see* Katz, B. 71491
Rogov, A.N., Sergienko, A.B., Ushakov, V.N. Dynamic range of quadrature radio-frequency time-integrating acoustooptic correlator 94216
Rogovsky, I.A. *see* Akimov, D.Yu. 67344
Rogowski, R.S. *see* Albin, S. 58802
Rogowski, R.S. *see* Deaton, J.B., Jr. 70205
Rogowski, R.S. *see* Namkung, J.S. 98347
Rogozinski, K. *see* Scott, S.W.C. 73189
Rogozkin, D.B. *see* Gorodnichev, E.E. 73361
Rogulski, M.M., Barber, H.B., Barrett, H.H., Shoemaker, R.L., Woolfenden, J.M. Ultra-high-resolution brain SPECT imaging: simulation results 59292
Rogulski, M.M. *see* Barber, H.B. 59302
Roh, S.K., Kook, K.H., Lee, J.S., Chung, M.Y., Sung, D.K. Performance of a time slot searching mechanism in multi-rate circuit switching systems 64990
Roh Tae Moon *see* Tae Moon Roh
Rohaily, F.Al *see* Al Rohaily, F.
Rohatgi, A., Chen, Z., Sana, P., Crotty, J., Salami, J. High efficiency multicrystalline silicon solar cells 100574
Rohatgi, A., Chen, Z., Sana, P., Evers, N., Ramanachalam, R., Doolittle, A. Gettering and passivation techniques for quality enhancement of multicrystalline silicon 81202
Rohatgi, A., Chou, H.C., Kamra, S., Bhat, A.K. Investigation of efficiency limiting defects and rapid thermal processing of MOCVD grown CdTe solar cells 90436
Rohatgi, A., Sana, P., Ramanachalam, M.S., Salami, J., Carter, W.B. Investigation of the effects of aluminum treatment on silicon solar cells 100612
Rohatgi, A. *see* Chou, H.C. 90384
Rohatgi, A. *see* Chou, H.C. 100506
Rohatgi, A. *see* Leguijt, C. 94252
Rohatgi, A. *see* Sana, P. 100621
Rohatgi, P.K. Metal-matrix composites 49019
Rohde, U. Oscillator design for lowest phase noise 61891
Rohde, W. *see* Weigold, H. 86696
Rohdin, H., Nagy, A. A 150 GHz sub-0.1-μm E/D MODFET MSI process 61947
Rohfleisch, B., Brglez, F. Introduction of permissible bridges with application to logic optimization after technology mapping 49299
Rohleder, I. *see* Blau, B. 82440
Rohlena, K. *see* Mroz, W. 53219
Rohler, K., Becker, U. Contact-free tachymetric measurement of pipework 79451
Rohlfing, S. *see* Fenzi, N. 92492
Rohlfing, S. *see* Forse, R. 92439
Rohlicek, J.R., Jeanrenaud, P., Ng, K., Gish, H., Musicus, B., Siu, M. Phonetic training and language modeling for word spotting 84068
Rohlicek, J.R. *see* Denenberg, L. 73863
Rohlicek, J.R. *see* Eide, E. 84074
Rohlicek, J.R. *see* Kannan, A. 64372
Rohlicek, J.R. *see* Meteer, M. 73839
Rohling, H. *see* Muller, T. 97184
Rohling, H. *see* Poppen, D. 97089
Rohlmann, A., Bergmann, G., Graichen, F. A spinal fixation device for in vivo load measurement 59415
Rohmberger, J., Shambazov, A.V. Packet network spanning Russia 65409
Rohne, K.-H., Thiele, M., Hinden, H. ABB turbochargers for pressure ratios of up to 5:1 68480
Rohner, C. *see* Stark, A. 97130
Rohr, H. Solving unrecognized metrological problems 97788
Rohr, K. Localization properties of direct corner detectors 64790
Rohr, L. *see* Reimann, P. 63131
Rohr, S. *see* Fries, D.C. 98535
Rohrbaugh, R.A. Application of time-frequency analysis to machinery condition assessment 95629
Rohrer, C. Design-in cost savings and energy optimisation: small control systems and modern drive concepts 90318
Rohrer, C. Compact control systems for water pumps and air conditioning systems 100955
Rohrer, E.P. *see* Wanderer, P. 82421
Rohrer, E.P. *see* Wanderer, P. 82422
Rohrer, R.A. *see* Devgan, A. 55086
Rohrer, R.A. *see* Sugiuchi, Y. 49112
Rohrer, R.A. *see* Trihy, R.J. 49097
Rohrer, R.A. *see* Trihy, R.J. 91866
Rohrich, K. *see* Dahmen, M. 87984
Rohringer, N. *see* Weger, P. 75301
Rohwer, C.H. The fast computation of Dolph-Chebyshev coefficients [phased array] 95040
Rohwer, E.G., Botha, L.R., Ronander, E., Prinsloo, F.J. Fast determination of TEA CO_2 laser bandwidth 50916
Rohwer, K. *see* Thiele, J.-U. 81205
Roientan Labiji, G., Sodagar, A.M. High-speed current-mode sense amplifier 80141
Roijen, R.van *see* van Roijen, R.
Roitman, A.M. *see* Korovin, S.D. 49751
Roitman, P. *see* Venables, D. 93143
Roizin, Ya.O. *see* Rysiakiewicz-Pasek, E. 56298
Rojas, M. *see* Chonglun Fan 60426
Rojas, R., Ohnishi, T., Suzuki, T. Neutral-point-clamped inverter with improved voltage waveform and control range 100326
Rojas, R.G. Integral equations for EM scattering by homogeneous/inhomogeneous two-dimensional chiral bodies 94777
Rojas-Gonzalez, L.F. *see* Digioia, A.M., Jr 78178
Rojas-Gonzalez, L.F. *see* Kandaris, P.M. 78172
Rojas-Guzman, C., Kramer, M.A. Remote diagnosis and monitoring of complex industrial systems using a genetic algorithm approach 87026
Rojat, G. *see* Da-Guang Ni 90169
Roje, V. *see* Poljak, D. 94960
Rojers, A.J. *see* Kanellopoulos, S.E. 98033
Rojeski, R.A. *see* McGregor, D.S. 71106
Rojkov, A. *see* Akimov, V. 53300
Rojo, M. *see* Munoz, J. 66145
Rojo, O., Jimenez, R. A decreasing sequence of upper bounds for the Perron root 79693
Rojo-Romeo, P., Viktorovitch, P., Leclercq, J.L., Letartre, X., Tardy, J., Oustric, M., Gendry, M. Low frequency noise sources in InAlAs/InGaAs MODFET's 56038
Rojsel, P. *see* Andersson, A. 53104
Rokhlenko, A. *see* Gribnikov, Z. 55942
Rokhlin, A.M. *see* Gulevskii, S.I. 69083
Rokitansky, C.-H. Performance evaluation of medium access control protocols proposed for standardization of dedicatated short-range (beacon-vehicle) communications 52379
Roks, E., Bisschop, J., Centen, P.G.M., Sankaranarayanan, L. Theory and modelling of the floating-surface detector: an enhanced CCD output structure 87287
Roks, E., Centen, P.G., Sankaranarayanan, L., Slotboom, J.W., Bosiers, J.T., Huinink, W.F. A bipolar floating base detector (FBD) for CCD image sensors 66479
Roks, E., Centen, P.G., Sankaranarayanan, L., Slotboom, J.W., Bosiers, J.T., Huinink, W.F. Bipolar floating-base charge detector used as CCD output structure 87288
Roks, E. *see* Bosiers, J.T. 66077
Roks, E. *see* Bosiers, J.T. 87283
Rokugawa, S., Sato, I., Yamaguchi, Y., Watanabe, H., Kannari, Y., Mills, F., Okada, K., Ezaka, T., Narita, T., Sano, M., Chang, S. Estimation of land surface characteristics using an airborne ASTER simulator 77276
Rokushima, K., Matsumoto, K., Yamakita, J. Guided waves in dielectric waveguides with slanted gratings 83803
Roland, C. *see* Gilmer, G.H. 70042
Roland, W.B., Jr. *see* Radl, B.J. 78421
Rolando, M., Iester, M., Campagna, P., Borgia, L., Traverso, C., Calabria, G. Measurement variability in digital analysis of optic discs 76915
Rolek, E. *see* Redden, M. 88650
Rolf, A. *see* Bates, S.J. 53308
Rolfe, P. Intra-vascular oxygen sensors for neonatal monitoring 67454
Rolfe, P. *see* Houston, R.J.F. 67502
Rolfe, P. *see* Tanaka, S. 67503
Rolfe, S.J. *see* Sudersena Rao, T. 72895
Rolfe, S.J. *see* Xu, D.-X. 62696
Rolfes, P. *see* Bonk, J. 59181
Rolfs, C. *see* Greife, U. 98550
Rolfs, C. *see* Stephan, A. 56279
Rolfseng, L. *see* Fikke, S.M. 89344
Rolfson, B. *see* Katz, B. 71491
Roli, F. *see* Serpico, S.B. 77226
Rolia, J.A., Starkey, M., Boersma, G. Modeling RPC performance 85303
Rolia, J.A. *see* Bauer, M.A. 85645
Roll, R. *see* Flanagan, K.A. 59232
Roll, R. *see* Kenter, A. 59233
Roll, Y. *see* Golany, B. 78384
Rolla, P. *see* Marioli, D. 87163
Rolla, P.A. *see* Casalini, R. 98261
Rolland, C. *see* Janz, C.F. 82718
Rolland, P.A., Goloubkoff, M., Constant, E., Haese, N. Novel large market applications of microwaves 86196
Rolle, M. A universal pattern data format 62916
Rolle, S. *see* Graupner, W. 90480
Rollins, J. *see* Deis, G. 87958
Rollog, M.D. *see* Bernecker, C.A. 90638
Rol'nik, I.A. *see* Grekhov, I.M. 55915
Roloff, H.E. *see* Bahr, J. 88245
Rolski, T. *see* Daley, D.J. 79542
Rolt, G.H. *see* Rolt, K.D. 75652
Rolt, K.D., Schmidt, H. Effects of refraction on synthetic aperture sonar imaging 65936
Rolt, K.D., Schmidt, H., Rolt, G.H. Commentary and numerical examples on "Effects of propagation on the operation of a synthetic aperture sonar" [J. Acoust. Soc. Am. 82, 1403-1408 (1987)] 75652
Rolt, K.D. *see* Butler, J.L. 59609
Rolt, K.D. *see* Butler, J.L. 99334
Rom, R. *see* Bar-David, I. 74663
Rom, R. *see* Gopal, I. 74712
Romagnoli, M., Wabnitz, S., Franco, P., Midrio, M., Fontana, F., Bordogna, G. Multisoliton interaction in actively mode-locked erbium fiber lasers: theory and experiment 56345
Romagnoli, M. *see* Franco, P. 72752
Romagnoli, M. *see* Matera, F. 75454
Romakhova, G.A. *see* Arsenev, L.V. 53952
Roman, B. *see* Mazure, C. 62849
Roman, G., Dobrowiecki, T.P. Modelling measurement technical problems with constraints 97740
Roman, J.E. *see* Amin, J. 94386
Roman, J.F. *see* Sheen, D.R. 59597
Roman, R., Wilson, R. Commercial demand side management using a programmable logic controller 89100
Roman, R.F. *see* Curren, A.N. 92869
Roman, R.J. *see* Pearce, C.W. 55833
Roman, R.S. *see* Erceg, V. 75349
Roman-Roldan, R. *see* Lloris-Ruiz, A. 49253
Romanchik, D. Mixed signal tools ease test development 92419
Romanenko, N.N. *see* Latukhina, N.V. 81388
Romanenko, N.N. *see* Rozhkov, V.A. 49830
Romanenko, P.F., Robur, I.I., Stronski, A.V., Indutnyi, I.Z., Schepelyavi, P.E., Kostioukevitch, S.A., Kostrova, L.A. Holographic optical elements, holograms production on the base of chalcogenide vitreous semiconductor layers 73141
Romanens, A. Unisource Business Networks (Switzerland) SA 85380
Romani, S. *see* Chalker, P.R. 69929
Romani, S. *see* Werner, M. 81345
Romanko, L.A., Gontar, A.G. Synthetic diamond-based detector of ionized radiation 53313
Romano, D. *see* Franceschini, F. 87000
Romano, G.P. *see* Gerosa, S. 57024
Romano, J. *see* Badgett, W. 74345
Romano, L., Jr. Membrane air separation systems for on-site nitrogen supply 81057
Romano, L.T. *see* Knall, J. 81300
Romano, S. Automatic motor protection circuit breakers 89829
Romano, T. *see* Gallardo, J. 76347
Romano, V. *see* Helfer, D. 53445
Romanofsky, R.R. *see* Javadi, H.H.S. 97217
Romanofsky, R.R. *see* Young, P.G. 81935
Romanov, A.N. *see* Gerasimov, Yu.V. 63642
Romanov, A.N. *see* Komarov, S.A. 67781
Romanov, G.A. *see* Sakov, I.A. 99921
Romanov, S.N. *see* Borovkov, V.M. 53936
Romanov, V.A. *see* Babichev, G.G. 97945
Romanov, V.I. *see* Uspensky, M.V. 94804
Romanov, Y. *see* Anishchenko, N. 94012
Romanov, Yu.I. *see* Ovsyannikov, V.P. 53175
Romanova, G.F. *see* Brozek, T. 93068
Romanowicz, B. *see* Demarne, V. 66565
Romanowski, T.A. *see* Bylsma, B. 59179
Romanski, J.G., Wegner, K.R. Method for registering low resolution IR sensor images with second generation FLIR sensors 66486
Romanychev, A.I. Zinc and cadmium sulfide films in MIS structures based on A^3B^5 and A^2B^6 compounds 62334
Romanyuk, F.A., Khalil' Allan Representation of operational amplifiers in mathematical models for relay protection monitors 60006
Romashin, N.I., Kleev, A.I., Solntsev, V.A. Excitation of waveguide quasioptic transmission lines by electron beams 83768
Romashin, N.I., Paramonov, B.M. On some possibilities for the interaction of an electron beam with the field of open quasioptical waveguide line 83767
Romat, H., Berhami, P., Touchard, G., Grimaud, P.-O., Boudalaa, M., Borzeix, J., Zougar, L. Generation of charges in three-phase flows 57047
Romat, H. *see* Grimaud, P.-O. 58961

Romat, H. *see* Touchard, G. 90078
Rombach, M. *see* Demircan, A. 67902
Rombach, M. *see* Tishchenko, J.G. 77512
Rombach, P., Langheinrich, W. An integrated sensor head in silicon for contactless detection of torque and force 66186
Rombaut, M. ProLab 2: a driving assistance system 78963
Rombaut, M., Meizel, D. Dynamic data temporal multisensor fusion in the Prometheus ProLab2 demonstrator 100919
Rombaut, M. *see* Le Fort, N. 90624
Romberg, C.L. *see* McNamara, L.F. 86044
Romeiser, R., Alpers, W. An improved theory for the radar imaging of underwater bottom topography based on a three-scale model 67792
Romeiser, R., Schmidt, A., Alpers, W. A three-scale composite surface model for the ocean wave-radar modulation transfer function 67842
Romeiser, R., Schmidt, A., Wismann, V., Alpers, W. Hydrodynamic ocean wave-radar modulation transfer functions obtained from a three-scale composite surface model 77436
Romeiser, R. *see* Schmidt, A. 99241
Romemont, O.De *see* De Romemont, O.
Romeny, B.M.ter Haar *see* ter Haar Romeny, B.M.
Romeo, L. *see* Gesu, V.D. 67525
Romero, A. *see* Bourianoff, G. 66878
Romero, G. *see* Robertson, B. 53623
Romero, G. *see* Shadaram, M. 87261
Romero, H.A. *see* Bernhardt, P.A. 83690
Romero, J. *see* Fenker, H. 67313
Romero, J.L. *see* Osborne, J.H. 59212
Romero, J.Reyes *see* Reyes Romero, J.
Romero, M. *see* Christian, D.C. 59094
Romero, M.A., de Burros, L.E.M., Jr., Herczfeld, P.R. Internal photovoltaic effect in microwave devices 80695
Romero, R., Monticelli, A. A hierarchical decomposition approach for transmission network expansion planning 59882
Romero, R., Monticelli, A. A zero-one implicit enumeration method for optimizing investments in transmission expansion planning 89165
Romeu, J., Jofre, L., Cardama, A. An approximate expression to estimate signal-to-noise ratio improvement in cylindrical near-field measurements 73500
Romeu, J., Pous, R., Pujol, R. ARRAY: educational software for antenna patterns and synthesis 48600
Romheld, M. *see* Bohme, W. 49839
Romijn, J. *see* Sohn, L.L. 50428
Romilly, D.P. *see* Hershler, C. 98753
Roming, G. *see* Bernhardt, S. 86516
Rommeluere, J.F. *see* Tonneau, D. 49813
Rommeluere, M. *see* Sallet, V. 48936
Rommeluere, M. *see* Yuan, Y. 50177
Romney, J.D. *see* Napier, P.J. 58524
Romo, J. *see* Manteiga, W.G. 69669
Ron, A. *see* Ashkinadze, B.M. 62183
Ronander, E. *see* Botha, L.R. 94320
Ronander, E. *see* Klopper, W. 94321
Ronander, E. *see* Rohwer, E.G. 50916
Ronarc'h, D. *see* Clesca, B. 52596
Roncella, R. *see* Luise, M. 75132
Ronchetti, L. *see* De Smedt, A. 65434
Ronchetti, L. *see* Hellemans, P. 65435
Ronchetti, L. *see* Paglialunga, A. 96810
Ronchetti, L. *see* Paglialunga, A. 96818
Roncin, J.C. *see* Soleres, E. 97241
Roncin, S.P. *see* Narayanan, S. 100471
Roncken, M. *see* Van Berkel, K. 55048
Roncken, M. *see* van Berkel, K. 97735
Ronda, C.R., Bechtel, H., Kynast, U., Welker, T. The degradation behavior of LaOBr:Tb under cathode-ray excitation 56530
Rondeau, G. *see* Syphers, M.J. 66966
Rondeau, G.D. *see* Budnick, J. 59018
Rondinella, V.V., Matthewson, M.J. Effect of chemical stripping on the strength and surface morphology of fused silica optical fiber 94099
Rondinella, V.V., Matthewson, M.J., Foy, P.R., Schmid, S.R., Krongauz, V.V. Enhanced fatigue and aging resistance using reactive powders in the optical fiber buffer coating 94098
Rondinella, V.V., Matthewson, M.J., Kurkjian, C.R. Coating additives for improved mechanical reliability of optical fiber 72321
Rondouin, G. *see* Harris, B. 88487
Ronen, B. An information-economics approach to quality control attribute sampling 54553
Roney, P. *see* Von Goeler, S. 59246
Roney, R. The best way to clean water-soluble fluxes 80998
Ronfard, R. Region-based strategies for active contour models 95786
Rong, A.S., Tripathi, V.K., Sun, Z.L. Effects of thin-film nonuniformity on thin-film open end microstrip line for miniature multilayer MMICs 80759
Rong, G. *see* Bai, J.Z. 53324
Rong, R.W., Lowther, D.A. Storage and retrieval of solutions in the design of electromagnetic devices 79249
Rong Ao Sheng *see* Ao Sheng Rong
Rong Liang, Dewan, S.B. A switch-mode ripple regulator for high-current magnet power supplies 68837
Rong Liang, Dewan, S.B. A low ripple power supply for high-current magnet load 76576
Rong Liu *see* Qiang Xu 81179
Rong Liu *see* Liu Rong
Rong Peng *see* Cuperman, V. 64386
Rong Zhang *see* Shulin Gu 61363
Rong Zhou Yu *see* Yu Rong Zhou
Rong-Chang Hsieh, Butterfield, J., McDonald, J. Wollongong optical fibre trial 52605
Rong-Feng Yu *see* Yu Rong-Feng
Rong-Huah Ju *see* Mu-King Tsay 51617
Rong-Hwa Yang *see* Chien-Ching Chin 83643
Rong-Jaye Chen *see* Jer-Shyan Wu 69651
Rong-Jian Chen, Bin-Chang Chieu A fully adaptive DCT based color image sequence coder 95789
Rong-Jie Tu, Chern-Lin Chen A new three-phase space-vector-modulated power factor corrector 68821
Rong-Jie Tu, Chern-Lin Chen A new space vector PWM scheme for current-regulated indirect vector control 100862
Rong-Jie Tu *see* Yu-Kang Lo 100377
Rong-Seng Chang, Chern-Sheng Lin An artificial intelligence system for producing and embossing HOE 50970
Rong-Seng Chang, Chern-Sheng Lin Analysis in producing large format embossing hologram 56980
Rong-Seng Chang, Chern Sheng Lin, Ching Piao Hu Fuzzy model for fabricating planar gratings 64008
Rong-Shyang Ou *see* Meng-Yueh Chang 100046
Rong-Shyang Ou *see* Ying-Yu Tzou 90192
Rong-Tyh Wang *see* Chen-Mie Wu 70573
Ronga, F. *see* Farilla, A. 52772
Rongchun Zhao *see* Zhao Rongchun
Rongdian Han *see* Bangjiao Ye 59205
Rongdian Han *see* Ping Liu 55645
Ronge, K. *see* Harreiss, U. 92114
Ronge, K. *see* Heusinger, F. 92116
Ronge, K. *see* Heusinger, P. 55197
Ronge, K. *see* Heusinger, P. 55198
Ronge, K. *see* Heusinger, P. 61632
Ronge, K. *see* Heusinger, P. 70380
Ronggang Qi *see* Qi Ronggang
Ronggui He *see* He Ronggui
Ronghua Huang *see* Huang Ronghua
Ronghua Shi *see* Shi Ronghua
Ronghua Wang *see* Shulin Gu 61363
Rongjie Luo *see* Luo Rongjie
Rongliang Yan *see* Yan Rongliang
Ronglin Liu *see* Liu Ronglin
Rongling Zhang *see* Zhang Rongling
Rongmei Zhang *see* Zhang Rongmei
Rongqiang Mao *see* Fonseka, J.P. 95066
Rongqing Xu, Zhidao Cao, Xinggang Liu Compensation for distorted LFM signal 57462
Rongqing Xu *see* Guolin Wang 86570
Rongtai Hao *see* Qionglin Zheng 99471
Rongtai Hao *see* Hao Rongtai
Rongtang Ling On MNCP in two-stage technique for 3D camera calibration for machine vision metrology 95909
Rongxing Li, Saxena, N.K. Marine geographic information systems: approaches, applications and trends 88826
Ronkainen, H. *see* Xia, Z. 71307
Ronkin, G.D. *see* Argade, P.V. 70586
Ronnberg, J. *see* Hansen, C.L. 96882
Ronnekleiv, A. *see* Bakken, P.M. 96897
Ronner, K. *see* Kneip, J. 80392
Ronngren, R., Rajaei, H., Popescu, A., Liljenstam, M., Ismailov, Y., Ayani, R. Parallel simulation of a high speed LAN 74960
Ronningen, T., Rein, A. Internal faults in oil-filled distribution transformers 90089
Ronnqvist, C., Santos, F., Toker, O., Weilhammer, P., Yoshioka, K., Nygard, E., Czermak, A., Jalocha, P., Dulinski, W., Hu, Y. Double-sided silicon microstrip detectors and low noise self-triggering multichannel readout chips for imaging applications 88024
Ronnqvist, C. *see* Masciocchi, S. 59137
Ronnqvist, T. *see* Crawford, J.F. 77054
Ronot, C., Gagnaire, H., Goure, J.P., Jaffrezic-Renault, N., Pichery, T. Optimization and performance of a specifically coated intrinsic optical-fibre sensor for the detection of alkane compounds 66522
Ronse, K., Op de Beeck, M., Van den Hove, L., Engelen, J. Fundamental principles of phase shifting masks by Fourier optics: theory and experimental verification 55841
Ronse, K., Pforr, R., Baik, K.H., Jonckheere, R., Van den hove, L. Optimization of the optical phase shift in attenuated PSM and application to quarter micron deep-UV lithography for logics 71462
Ronse, K. *see* Goethals, A.M. 81647
Ronse, K. *see* Pforr, R. 71461
Roo, R.D.De *see* De Roo, R.D.
Rooholamini, R., Cherkassky, V., Garver, M. Finding the right ATM switch for the market 51738
Rooij, N.F.de *see* de Rooij, N.F.
Rooijers, F.J., van Amerongen, R.A.M. Static economic dispatch for co-generation systems 89555
Rook, M. *see* Dahmen, M. 87984
Rook, M.E. *see* Digiorgio, B.E. 78462
Rooks, M.J. *see* Eugster, C.C. 62245
Rooks, M.J. *see* Peatman, W.C.B. 62892
Rooks, M.J. *see* Peatman, W.C.B. 62899
Rooks, M.J. *see* Soh, Y.-A. 71144
Rooks, S. Imaging techniques for inspecting high I/O interconnections 91099
Rooks, S., Okimura, M., Urban, D. Inspection of very-fine-pitch connections on PCMCIA cards 91097
Rooney, J.J.K., Fitzgerald, W.J. Bayesian model based parameter estimation and model selection in impulsive noise environments 84417
Rooney, J.P. Customer satisfaction 54558
Rooney, P.W. *see* Denlinger, D.W. 52810
Roorda, J., Cartwright, T. Engineering design simulation: a computer-based teaching environment 60895
Roorda, S. *see* Laaziri, K. 55718
Roos, C.E. The 11.4 T hyperon bubble chamber, HYBUC 76814
Roos, G. *see* Buchner, T. 49470
Roos, H.B., Ning Zhu, Giri, J., Kindel, B. An AGC implementation for system islanding and restoration conditions 89001
Roos, J.D. *see* Putter, P. 74837
Roos, J.G. Non intrusive load monitoring of electrical appliances 99783
Roos, T., Widmayer, P. k-violation linear programming 91313
Roosen, G. *see* Alves, C. 63358
Roosen, G. *see* Galstyan, T. 63508
Roosmalen, H.R.R.van *see* van Roosmalen, H.R.R.
Roosmalen, H.Van *see* Van Roosmalen, H.
Root, B.T. *see* Headrick, J.M. 65904
Root, J. *see* Szmanda, C.R. 81636
Root, J. *see* Trefonas, P. 81671
Root, L. *see* Laxdal, R.E. 66951
Root, R.W. *see* Fish, R.S. 65451
Root Woods, R., Benjamin, T.G., Caines, M.J. IMHEX fuel cells—transition from technology development to power plant demonstration 78803
Roovers, Ad.J.M. *see* Nijhof, J.A.M. 75337
Roovers, A.J.M. *see* Norp, T. 97157
Roovers, R. *see* Steyaert, M. 81904
Rooy, J.v *see* v Rooy, J.
Ropelewski, L. *see* Alunni, L. 88010
Ropelewski, L. *see* Bouclier, R. 59121
Ropelewski, L. *see* Charpak, G. 76753
Roper, L. *see* Tallackson, C. 100353
Roper, M., Ganssauge, E., Graf, C. MIRACLE—a CCD based image analysing system for the research with nuclear track emulsion chambers 88208
Roper, M. *see* Kozhevnikov, I.V. 67409
Roper, S.P., Cunningham, J.F. Designing and testing radios for EMC 57143
Ropert, A. Beam position stability at the ESRF 98403
Ropke, K. *see* Bradatsch, T. 53988
Roppel, C. *see* Hessenmuller, H. 86797
Roppel, C. *see* Hessenmuller, H. 97634
Roppel, T.A. *see* Padgett, M.L. 85094
Roque, F. *see* Carvalho, P. 96861
Roques, A. *see* de Mascureau, J. 67025
Roques, A. *see* Eyharts, Ph. 66799
Rorison, J.M. Finite-temperature inelastic scattering in 2D doped polar semiconductors 62260
Rorres, C. *see* Chang, W. 51543
Rorsman, N. *see* Angelov, I. 81974
Rorsman, N. *see* Dahlgren, U. 92578
Rorsman, N. *see* Zirath, H. 80853
Rorstrom, E.G. *see* Kuhr, R.W. 78003
Ros, R.Da *see* Da Ros, R.
Ros, W.J. *see* Walling, R.A. 90084
Rosa, A., Puri, A., Murphy, J.E., Odagaki, T. Charge trapped in biased double-barrier heterostructures 62238
Rosa, J.de la *see* de la Rosa, J.
Rosa, L.C., Gutierrez, E.A., Lopez, J.R.A. Microcomputer-based servomotor controller applying direct and self-organizing fuzzy algorithms 54046
Rosa, M.A.de Faria *see* de Faria Rosa, M.A.
Rosa, M.La *see* La Rosa, M.
Rosamond, M.F. *see* van Hove, J.M. 55728
Rosanov, M.I. *see* Belolaptikov, I.A. 59156
Rosanov, N.N., Fedorov, A.V., Fedorov, S.V., Khodova, G.V. Diffractive transverse patterns in wide-aperture passive and active nonlinear optical systems and discrete-analogous method for nonlinear optical processing of information 50932
Rosar, W. Test strategies, measuring equipment and systems in the GSM. 1 97068
Rosar, W. Test strategies, measuring equipment and systems in the GSM 2 97161
Rosario, J.M.del *see* del Rosario, J.M.
Rosasco, G.J. *see* Bean, V.E. 66757
Rosati, S. New horizons in electric lighting 60611
Rosberg, Z. *see* Gavious, A. 75077
Rosborough, G.W., Baldwin, D.G., Emery, W.J. Precise AVHRR image navigation 88852

Rosch, A. *see* Adam, A. 88087
Rosch, A. *see* Adriani, O. 88023
Rosch, F.C. *see* Beard, R.L. 89435
Rosch, M. *see* Bauer, T. 70902
Roschert, H. *see* Spiess, W. 81620
Rosckes, D. *see* Johnson, R. 79391
Roscoe, A.J., Perrott, R.A. Large finite array analysis using infinite array data 73545
Roscoe, B.A., Adolph, R.A. A method of stabilizing the resolving time of a nuclear acquisition system in real-time 76850
Roscoe, D. *see* Mongia, R.K. 83837
Rose, B., Delorme, F., Gilleron, M., Grosmaire, S., Robein, D. An application of selective area MOVPE at atmospheric pressure to the realisation of a DBR laser 56813
Rose, B.L. Monitoring the quality of T&D construction through statistical sampling techniques 78081
Rose, B.L. Monitoring the quality of T&D construction through statistical sampling techniques 89246
Rose, C. *see* Johnson, K.F. 76427
Rose, C. *see* Zajicek, M. 98979
Rose, C.R. *see* Gilpatrick, J.D. 76497
Rose, C.R. *see* Gilpatrick, J.D. 98456
Rose, D. *see* Sopori, B.L. 100618
Rose, D.M. *see* Wang, B. 84943
Rose, D.V. *see* Ottinger, P.F. 59032
Rose, F. *see* Johnson, M. 76135
Rose, H. *see* Uhlemann, S. 71057
Rose, J., Deng, D.P., McKenzie-Wilson, R., Pirkl, W., Ratti, A. Conceptual design of the 26.7 MHz RF system for RHIC 67164
Rose, J. *see* Karchmer, D. 92247
Rose, J.H., Uzal, E., Moulder, J.C. Pulsed eddy-current characterization of corrosion in aircraft lap splices: Quantitative modeling 99064
Rose, J.H. *see* Uzal, E. 66647
Rose, K., Miller, D. A deterministic annealing algorithm for entropy-constrained vector quantizer design 95226
Rose, K., Miller, D., Gersho, A. Entropy-constrained tree-structured vector quantizer design by the minimum cross entropy principle 57400
Rose, K. *see* Miller, D. 51353
Rose, M., Haimov, S., Moore, R.K. Optimum detection of Weibull-distributed targets 99218
Rose, M.F. *see* Bekker, T.L. 62064
Rose, O., Frater, M.R. A comparison of models for VBR video traffic sources in B-ISDN 96807
Rose, P. Quality in services and services in quality 54560
Rose, P. *see* Astley, S. 59271
Rose, P.J. *see* Henderson, R.D. 68021
Rose, R.B. Sporadic-E observations during LoVHF transionospheric direction finder measurements 64157
Rose, R.B., Hunsucker, R.D., Lott, G.K. Results from a year-long auroral-E measurement campaign 83661
Rose, R.B. *see* Lott, G.K. 83660
Rose, R.C., Hofstetter, E.M. Task independent wordspotting using decision tree based allophone clustering 84070
Rose, R.C., Hofstetter, E.M., Reynolds, D.A. Integrated models of signal and background with application to speaker identification in noise 51388
Rose, S.J. *see* Zhang, J. 56600
Rose, T. Task-oriented assistance in project-specific development processes 99924
Roseboom, W. *see* Van Gestral, P.J. *(editor)* 79130
Rosei, R. *see* Abrami, A. 98715
Rosekrans, A. *see* Peuse, B. 62345
Rosell, J. *see* Bragos, R. 67558
Roselli, D. *see* Parvin, B. 98881
Roselli, L. *see* Mezzanotte, P. 80745
Roselli, L. *see* Mezzanotte, P. 80776
Roseman, M., Greenberg, S. GROUPKIT: a groupware toolkit for building real-time conferencing applications 96834
Roseman, R.D., Kim, J., Buchanan, R.C. PTC behavior in yttria doped $BaTiO_3$ as related to grain boundary structure 56103
Roseman, W.W. Regulatory changes for international satellite systems 65716
Rosemeier, R.G. *see* Bhat, I.B. 61257
Rosen, A., Sheinman, Y. The average output power of a wind turbine in a turbulent wind 89757
Rosen, A., Sterzer, F. Applications of microwave heating in medicine 88545
Rosen, A. *see* Sheinman, Y. 68498
Rosen, B. *see* Gerthsen, D. 81354
Rosen, D., Cormack, D.E. The continuation approach for singular and near-singular integration 61182
Rosen, G. *see* Michelson, A.M. 51345
Rosen, H.J. *see* Altendorf, E.H. 63798
Rosen, J., Segev, M., Yariv, A., Barhen, J. High space bandwidth product computer-generated holograms using volume holography 50965
Rosen, J. *see* Piestun, R. 74349
Rosen, J.M. *see* Brown, P. 53459
Rosen, M. *see* Kobayashi, K.W. 92560
Rosen, M. *see* Suter, J.J. 59112
Rosen, M.A. Assessment of various scenarios for utility-based cogeneration in Ontario 99927
Rosen, M.D. *see* Eder, D.C. 63677
Rosen, P.A. *see* Zebker, H.A. 77324
Rosen, W. *see* Lin, J.Y. 74921
Rosen, W. *see* Lin, J.Y. 86507
Rosenauer, A. *see* Grun, M. 69994
Rosenauer, A. *see* Stanzl, H. 91517
Rosenbaum, A.E. *see* Wasenko, J.J. 88400
Rosenbaum, J.H. Synthetic seismograms for a long spread of seismometer stations 77274
Rosenbaum, S.E., Jelloian, L.M., Brown, A.S., Thompson, M.A., Matloubian, M., Larson, L.E., Lohr, R.F., Kormanyos, B.K., Rebeiz, G.M., Katchi, L.P.B. A 213 GHz AlInAs/GaInAs/InP HEMT MMIC oscillator 92615
Rosenbaum, S.E. *see* Kormanyos, B.K. 80841
Rosenberg, A. *see* Grove, M.J. 71337
Rosenberg, C., Hebuterne, G. Dimensioning a traffic control device in an ATM network 96202
Rosenberg, C., Lague, B. A heuristic framework for source policing in ATM networks 96174
Rosenberg, C. *see* Lague, B. 74635
Rosenberg, C.J. Measurement-based evaluation of a printer dot model for halftone algorithm tone correction 53065
Rosenberg, E.I. *see* Crawley, H.B. 59209
Rosenberg, E.I. *see* Crawley, H.B. 61775
Rosenberg, E.I. *see* Crawley, H.B. 88233
Rosenberg, E.I. *see* Crawley, H.B. 98666
Rosenberg, E.I. *see* Nutter, S. 88234
Rosenberg, E.I. *see* Nutter, S. 98697
Rosenberg, F. Communications engineering from the outline to realization 85404
Rosenberg, I.G. *see* Pogosyan, G. 55249
Rosenberg, L.A., Gasner, S.H. Reverse-bias screening of large-area GaAs/Ge solar cells at low and high temperatures 100746
Rosenberg, R. *see* Hu, C.K. 62547
Rosenberg, R.A. *see* Niwano, M. 62465
Rosenberg, R.J. Temperature measurement on the job site using RTDs and thermocouples 87581
Rosenberg, S. Viewing apparatus for white light transmission holography 56992
Rosenberg, U., Hagele, W. Consideration of parasitic bypass couplings in overmoded cavity filter designs 70833
Rosenberg, Z., Brar, N.S. Hysteresis of lateral piezoresistive gauges 87130
Rosenblatt, C. *see* Crandall, K.A. 72471
Rosenblatt, G.H. *see* Pinto, J.F. 63720
Rosenblatt, G.H. *see* Pinto, J.F. 83012
Rosenbluh, M. *see* Grumann, E. 63804
Rosenblum, D.S. *see* Barghouti, N.S. 96923
Rosenblum, M., Yacoob, Y., Davis, L. Human emotion recognition from motion using a radial basis function network architecture 96064
Rosenblum, M. *see* Kuskin, J. 49475
Rosenbluth, M.B. *see* McKinney, D.L. 55286
Rosenbrock, K.H. ETSI—standards for mobile communication 65692
Rosencher, B. *see* Duboz, Y. 75993
Rosencwaig, A. *see* Fanton, J.T. 76207
Rosendale, L. *see* Devito, M. 78423
Rosendo Macias, J.A. *see* Gomez Exposito, A. 78210
Rosener, D. *see* Kaiser, N. 52513
Rosenfeld, A. Image analysis and computer vision: 1993 57654
Rosenfeld, A. Perspectives on machine vision 84879
Rosenfeld, A., Khivrich, V., Kuts, V., Tavlet, M., Malfante, L., Munoz-Ferrada, C. Use of Ukrainian semiconductor dosimeters in a CERN particle accelerator field 88583
Rosenfeld, A., Khivrich, V., Kuts, V., Tavlet, M., Malfante, L., Munoz-Ferrada, C. Use of Ukrainian semiconductor dosimeters in a CERN particle accelerator field 99024
Rosenfeld, A. *see* Bhattacharya, P. 61058
Rosenfeld, A. *see* Rivlin, E. 84802
Rosenfeld, D., Alterovitz, S.A. Carrier transit time through a base with dopant dependent mobility 55918
Rosenfeld, D., Garber, V., Bahir, G. Quantum efficiency and spectral response of compositionally graded HgCdTe P-n heterojunction photodiodes 82823
Rosenfeld, R. *see* Lau, R. 73841
Rosenfield, M. *see* Taur, Y. 93612
Rosenfield, M.G. *see* Shahidi, G.G. 92195
Rosengard, U. *see* Abrahamsson, K. 76307
Rosengard, U. *see* Danared, H. 67255
Rosengarten, M. *see* Gundlach, K.H. 50401
Rosengreen, A. *see* Spindt, C.A. 62083
Rosengreen, A. *see* Spindt, C.A. 92876
Rosengren, L., Rangsten, P., Backlund, Y., Hok, B., Svedbergh, B., Selen, G. A system for passive implantable pressure sensors 67440
Rosengren, L., Smith, L., Backlund, Y. Micromachined optical planes and reflectors in silicon 56502
Rosengren, L. *see* Laurell, T. 67442
Rosenhouse, G. *see* Aronson, L. 67626
Rosenhouse, G. *see* Aronson, L. 77073
Rosenhouse, J. *see* Aronson, L. 67626
Rosenhouse, J. *see* Aronson, L. 77073
Rosenhouse-Dantsker, A. *see* Moya-Cessa, H. 82884
Rosenkranz, P.W. *see* Kuo, C.C. 77400
Rosenman, G. Electron emission from ferroelectrics and its applications 63080
Rosenman, M.A., Gero, J.S. The what, the how, and the why in design 60893
Rosenquist, W.A., Guletsky, P.M., Mauer, A.C., Rhudy, R.G., Facchiano, T. NO_x control analysis using the Clean Air Technology (CAT) Workstation 89572
Rosenstein, I. *see* Banerjee, A. 100523
Rosenstein, M., Webster, E.W. Effective dose to personnel wearing protective aprons during fluoroscopy and interventional radiology 77099
Rosenstein, M. *see* Duffy, D.E. 51971
Rosenstiel, W. *see* Gutberlet, P. 55066
Rosenstiel, W. *see* Wilberg, J. 84334
Rosensweig, H. *see* Anderson, J. 51398
Rosenthal, A.L., Thomas, M.G., Durand, S.J. A ten year review of performance of photovoltaic systems 100730
Rosenthal, B.N. *see* Srinivasan, A. 61220
Rosenthal, B.N. *see* Srinivasan, A. 61233
Rosenthal, D.L. *see* Maurer, S.J. 89312
Rosenthal, E. *see* Lu, J.J. 49257
Rosenthal, P.A., Grossman, E.N. Terahertz Shapiro steps in high temperature SNS Josephson junctions 56265
Rosenthal, P.A. *see* Berkowitz, S.J. 82352
Rosenthal, S.E. *see* Smith, J.R. 67024
Rosenthal, W., Atanassov, V. Angular dependence of SAR modulation transfer function for near range travelling ocean waves 77480
Rosenthal, W. *see* Ziemer, F. 99263
Rosenwaks, S. *see* Barmashenko, B.D. 72683
Rosenwald, J.-C. *see* Zefkili, S. 67618
Rosenzweig, J., Hartman, S., Stevens, J. RF focusing effects and multi-bunch beam breakup in superconducting linear colliders 87702
Rosenzweig, J., Serafini, L. Design of a high brightness RF photoinjector for the SLAC Linac Coherent Light Source 76723
Rosenzweig, J. *see* Bangert, A. 87204
Rosenzweig, J. *see* Barletta, B. 76636
Rosenzweig, J. *see* Barov, N. 76634
Rosenzweig, J. *see* Carrigan, R.A., Jr. 59039
Rosenzweig, J. *see* Davis, P. 76744
Rosenzweig, J. *see* Gabella, W. 98445
Rosenzweig, J. *see* Gabella, W.E. 66912
Rosenzweig, J. *see* Hartman, S.C. 66998
Rosenzweig, J. *see* Hogan, M. 87868
Rosenzweig, J. *see* Pellegrini, C. 76425
Rosenzweig, J. *see* Ralston, J.D. 83163
Rosenzweig, J. *see* Schonfelder, A. 50857
Rosenzweig, J. *see* Schonfelder, A. 83087
Rosenzweig, J. *see* Travish, G. 63883
Rosenzweig, J. *see* Travish, G. 67250
Rosenzweig, J. *see* Weisser, S. 63859
Rosenzweig, J. *see* Weisser, S. 63863
Rosenzweig, J. *see* Weisser, S. 72916
Rosenzweig, J. *see* Weisser, S. 94517
Rosenzweig, J. *see* Winick, H. 63870
Rosenzweig, J. *see* Winick, H. 83178
Rosenzweig, J.B., Colby, E., Jackson, C., Nicol, T. Design of a high duty cycle, asymmetric emittance RF photocathode injector for linear collider applications 76722
Rosenzweig, J.B., Pisin Chen Transverse equilibria and luminosity enhancement in linear collider beam-beam collisions 76563
Roser, H.P. *see* Hubers, H.-W. 49652
Roser, T. *see* Reece, R.K. 87835
Roser, T. *see* Russo, D. 76482
Roser, T. *see* Smith, G.A. 98471
Rosevear, R.D. *see* Champion, T.C. 89284
Roshal, A. *see* Kuchinski, V. 93978
Roshchupkin, D.V., Brunel, M. Scanning electron microscopy observation of surface acoustic wave propagation in the $LiNbO_3$ crystals with regular domain structures 71852
Roshchupkin, I.M. *see* Ikramov, A.V. 82790
Roshchupkin, I.M. *see* Ikramov, A.V. 83218
Roshen, W. *see* Steigerwald, R.L. 49140
Roshko, A. *see* Goodrich, L.F. 72202
Roshko, S. *see* Asche, M. 62287
Roshko, S. *see* Danilchenko, B. 92937
Rosich, R.K., Vazouras, C.N., Cottis, P.G., Kanellopoulos, J.D. Comments on "Scattering from conducting rough surfaces: a general perturbative solution" [and reply] 73320
Rosicka, M. *see* Nieniewski, M. 100162
Rosiene, J. Estimation of image statistics using generalized self-similar tilings 57845
Rosiene, J., Sholl, H. Application of wavelets to ultrasonic evaluation of thickness 58984
Rosiene, J.A. *see* Stietzel, C.O.L. 57849
Rosier, E., Mal, S. The digital revolution of TV metrology 97622
Rosier, L.H. *see* Estreme, F. 70579
Rosilda, L.Gnana Sahaya *see* Gnana Sahaya Rosilda, L.
Rosilio, C. *see* Paniez, P.J. 81614
Rosin, P.L. *see* West, G.A.W. 84657
Rosin, T. *see* Dietrich, E. 97237
Rosing, M. *see* Chojnacki, E. 67073
Rosing, M. *see* Schoessow, P. 76364
Rosinova, D. *see* Vesely, V. 59834
Roska, T. *see* Tanaka, M. 95804
Rosker, M.J., Christian, W.R., McMichael, I.C. Picosecond pulsed diode ring laser gyroscope 83401
Roskos, H.G. *see* Jaekel, C. 93246

Rosler, S. *see* Auge, J. 66251
Rosling, M., Bleichner, H., Jonsson, P., Nordlander, E. The ambipolar diffusion coefficient in silicon: dependence on excess-carrier concentration and temperature 81197
Rosling, M., Bleichner, H., Nordgren, K., Vojdani, F., Norlander, E. A study of design influence on anode-shorted GTO thyristor turn-on and turn-off 93362
Rosling, M. *see* Lendenmann, H. 62734
Roslyakov, P.V., Burkova, A.V., Egorova, L.E., Burlov, V.Yu., Nazdryukhina, G.V. Minimization of nitrogen oxide emissions from combined power installations using small gas-turbine units 89679
Roslyakov, P.V. *see* Dvoinishnikov, V.A. 89658
Roslyakov, P.V. *see* Egorova, L.E. 89629
Roslyakov, S.N. *see* Kudryavtsev, S.V. 75927
Rosner, B. *see* Faska, T.S. 66451
Rosner, L.G. *see* Stapper, C.H. 61718
Rosner, S.J., Shamma, N., Sporon-Fiedler, F. Fourier analysis determination of best focus in sub-micron lithography 81701
Rosner, S.J. *see* Vook, D. 61908
Rosner, S.J. *see* Yang, L. 55693
Rosolen, C., Michet, D., Gac, C., Lecacheux, A. Wide band, wide temperature operating range acousto-optical spectrometer (A.O.S) for the balloon borne Pronaos submillimetre heterodyne experiment 86642
Rospert, M. *see* Kakerow, R. 66282
Rospert, M. *see* Kordas, N. 67439
Rospert, M. *see* Meyer, H. 58862
Ross, A.W.S. *see* Fallon, M. 81400
Ross, A.W.S. *see* Walton, A.J. 55684
Ross, A.W.S. *see* Walton, A.J. 62925
Ross, B. Hands-on guide to oscilloscopes 98179
Ross, B. *see* Nisbet, R. 74969
Ross, C.C., Elbert, T.F. A transfer alignment algorithm study based on actual flight test data from a tactical air-to-ground weapon launch 67962
Ross, D. *see* Sudersena Rao, T. 72895
Ross, D.C. *see* Volakis, J.L. 73270
Ross, D.E. *see* Gala, M.M.R. 49395
Ross, F.M., Gibson, J.M., Twesten, R.D. Dynamic observations of interface motion during the oxidation of silicon 49914
Ross, F.M., Hull, R., Bahnck, D., Bean, J.C., Peticolas, L.J., King, C.A., Kola, R.R. Changes in electrical device characteristics during the formation of dislocations in situ in the TEM 81305
Ross, I.N., Damerell, A.R., Divall, E.J., Evans, J., Hirst, G.J., Hooker, C.J., Houliston, J.R., Key, M.H., Lister, J.M.D., Osvay, K., Shaw, M.J. A 1 TW KrF laser using chirped pulse amplification 63669
Ross, I.N. *see* Houliston, J.R. 56616
Ross, I.N. *see* Key, M.H. 50731
Ross, I.N. *see* Langley, A.J. 63739
Ross, I.N. *see* Lister, J.M.D. 63668
Ross, I.N. *see* Osvay, K. 83280
Ross, J., Smith, K., Street, A., Jenkins, D., Harrison, S., Riggs, R., Wiatrzyk, J., O'Meara, J., Tuzel, W. Preliminary testing of coils for the superconducting toroidal magnet for the CEBAF large acceptance spectrometer (CLAS) 94013
Ross, J. *see* Aw, Y.K. 51669
Ross, J. *see* Drachman, B. 94765
Ross, J. *see* Kilov, H. 51988
Ross, J.A.F., Taylor, D.P. Throughput increase of ALOHA-based systems with multiuser sequence detection 74709
Ross, J.D. *see* White, L.B. 83918
Ross, J.E., Rothwell, E.J., Nyquist, D.P., Kun-Mu Chen Approximate integral-operator methods for estimating the natural frequencies of coupled objects 83418
Ross, J.E. *see* Rothwell, E.J. 75591
Ross, J.E. *see* Rothwell, E.J. 97371
Ross, K.W., Jie Wang Asymptotically optimal importance sampling for product-form queuing networks 69688
Ross, K.W. *see* Jie Wang 48750
Ross, L. *see* Kennedy, A.J. 86523
Ross, M. Recent SLC developments 66992
Ross, M., Christensen, L., Magvas, J. Chemical analysis of electron beam curing of positive photoresist 81680
Ross, M. *see* Adolphsen, C. 76537
Ross, M. *see* Decker, F.-J. 76593
Ross, M. *see* McCormick, D. 76336
Ross, M. *see* Stege, R.E., Jr. 76467
Ross, M.A., Roberts, A.D., Wise, T., Haeberli, W., Dezarn, W.A., Doskow, J., Meyer, H.O., Pollock, R.E., von Przewoski, B., Rinckel, T., Sperisen, F., Pancella, P.V. Performance of a polarized-hydrogen storage cell target 53283
Ross, M.C., Hendrickson, L., Himel, T., Miller, E. Precise system stabilization at SLC using dither techniques 76533
Ross, M.C. *see* Emma, P. 76451
Ross, M.C. *see* Seeman, J.T. 87884
Ross, M.D., Ashley, N., Osborne, W.P. On the performance of trellis coded modulation in a concatenated Reed-Solomon system 73768
Ross, M.D. *see* Carden, F. 51357
Ross, N.W., Simpson, R. CAE project on reliability of electricity supply 89135
Ross, R. Formulas to describe the bias and standard deviation of the ML-estimated Weibull shape parameter 48758
Ross, R., Call, J., Vogeli, C., Nath, P. Qualification testing procedures for amorphous silicon modules 100540
Ross, R. *see* Braceras, G. 92229
Ross, R.G., Jr., Johnson, D.L., Mon, G.R., Smedley, G. Cryocooler resonance characterization 53510
Ross, R.G., Jr., Liang-Chi Wen Crack propagation in solder joints during thermal-mechanical cycling 70985
Ross, S. *see* Naday, I. 88303
Ross, T. *see* Axtell, M. 57521
Ross, W.E. *see* Jaekyong Cho 82748
Rossa, E., Tecker, F., Mathae, J.C. Performance limits of a streak camera in real time three-dimensional measurement of bunch oscillation in LEP 76592
Rossa, E. *see* Akbari, H. 76610
Rossa, E. *see* Brandt, D. 87724
Rossbach, J. *see* Brinkmann, R. 98425
Rosse, G. *see* Mostefa, D. 81181
Rosseel, J., Catthoor, F., De Man, H. An optimisation methodology for array mapping of affine recurrence equations in video and image processing 85080
Rossel, P. *see* Beydoun, B. 71708
Rossel, T. *see* Fuchs, K. 92010
Rosser, K.N. *see* Rego, C.A. 79913
Rosser, S.A. *see* Grant, M.F. 72368
Rossetii, D.J. *see* Sun, J.Q. 93787
Rossetti, F. *see* Lapucci, A. 82953
Rossetto, L., Spiazzi, G., Tenti, P., Brasola, F., Fontanella, L., Patechi, G. Quasi-resonant multi-output DC/DC converter with push-pull topology 68843
Rossetto, L., Spiazzi, G., Tenti, P., Fabiano, B., Licitra, C. Fast-response high-quality rectifier with sliding-mode control 49144
Rossetto, L., Spiazzi, G., Tenti, P., Fabiano, B., Licitra, C. Fast-response high-quality rectifier with sliding mode control 60320
Rossetto, L., Zuccato, A., Tenti, P. Integrated optimal control of quasi-direct converters 68842
Rossetto, L. *see* Malesani, L. 54089
Rossetto, L. *see* Malesani, L. 68772
Rossetto, L. *see* Malesani, L. 68777
Rossetto, L. *see* Spiazzi, G. 100282
Rossi, A. A 16-bit audio system for the PC 86798
Rossi, A., Chen Liang, Rogers, C.A. Dynamic analysis of piezoelectric actuator-driven circular rings using an impedance approach 100425
Rossi, A. *see* Arigoni, A.O. 48793
Rossi, A. *see* Caviglia, D.D. 55358
Rossi, C., Tonielli, A. Robust control of permanent magnet motors: VSS techniques lead to simple hardware implementations 78879
Rossi, C., Tonielli, A. Feedback linearizing and sliding mode control of a variable reluctance motor 89876
Rossi, C. *see* Faldella, E. 68787
Rossi, C. *see* Krafcsik, I. 53122
Rossi, C. *see* Morici, R. 100143
Rossi, D.De *see* De Rossi, D.
Rossi, D.V., Cheng, A.-N., Wieder, H.H., Fossum, E.R. A resistive-gate InAlAs/InGaAs/InP 2DEG CCD 66481
Rossi, E., Labanti, C., Traci, A. Low noise, low cost hybridized shaping amplifier, peak detector and discriminator for use with large arrays of silicon PIN photodiodes 98694
Rossi, E. *see* Brambilla, L. 99105
Rossi, E. *see* Flores, C. 100739
Rossi, E. *see* Labanti, C. 76762
Rossi, E. *see* Massarotti, A. 66817
Rossi, E. *see* Quadrini, E.M. 76829
Rossi, E. *see* Svelto, F. 100451
Rossi, E. *see* Vigotti, R. 53968
Rossi, F., Haas, S., Kuhn, T. Analysis of coherent and incoherent ultrafast dynamics in photoexcited semiconductors: a Monte Carlo approach 62136
Rossi, F., Jacoboni, C., Nedjalkov, M. A Monte Carlo solution of the Wigner transport equation 62642
Rossi, F. *see* Caramia, P. 77806
Rossi, F. *see* Leitenstorfer, A. 81238
Rossi, F. *see* Quade, W. 92911
Rossi, G.L. *see* Nava, P. 76279
Rossi, J.C. *see* Gusev, G.M. 62299
Rossi, J.C. *see* Lubyshev, D.I. 48918
Rossi, K., Toivonen, H. Q3E: Q_3 Emulator Agent 51980
Rossi, L., Sergo, V., Szeless, B., Tavian, L., Vullierme, B., van Weelderen, R., Williams, L. Thermal behaviour and cryogenic performance of the first CERN/INFN prototype dipole cryomagnet for the CERN LHC project 94021
Rossi, L. *see* Acerbi, E. 63871
Rossi, L. *see* Acerbi, E. 76344
Rossi, L. *see* Acerbi, E. 89295
Rossi, L. *see* Baccaglioni, G. 72272
Rossi, L. *see* Baccaglioni, G. 87617
Rossi, L. *see* Fabbricatore, P. 82476
Rossi, M. *see* Gale, M.T. 63528
Rossi, M. *see* Massonnet, D. 88851
Rossi, M. *see* Matthes, R.W. 66308
Rossi, M. *see* Quadrini, E.M. 76829
Rossi, M. *see* Vitali, G. 62160
Rossi, M.C. *see* Caputo, D. 100701
Rossi, P. *see* Benetti, P. 67327
Rossi, P. *see* Benetti, P. 67328
Rossi, P. *see* Cennini, P. 67285
Rossi, P. *see* Cennini, P. 76755
Rossi, R.D.F., Menezes, B.R., Silva, S.R. Vector control of voltage fed three-phase inverters variable switching regions 100276
Rossi, S. *see* Arduini, G. 76285
Rossi, S. *see* Garre, R. 94004
Rossi, S.De *see* De Rossi, S.
Rossier, D., Doll, A. "Demand side management": present and future solutions 89025
Rossignol, M. *see* Hermann, R. 72185
Rossignol, M.F. *see* Kou, X.C. 82237
Rossignol, V. *see* Bensaoula, A.H. 54849
Rossignol, V. *see* Vilela, M.F. 60471
Rossin, V.V., Christianen, P.C.M., Travnikov, V.V. Effect of hot electrons on exciton luminescence of ultrapure GaAs in a magnetic field 63561
Rossing, T.D. *see* Hull, J.R. 72274
Rossing, T.D. *see* Lorimer, W.L. 82289
Rossington, C. *see* Ludewigt, B. 88063
Rossington, C. *see* Ludewigt, B. 98621
Rossington, C.S., Fine, P.M., Madden, N.W. Large area, low capacitance Si(Li) detectors for low noise, high rate X-ray applications 59108
Rossington, C.S. *see* Blankespoor, S.C. 88335
Rossington, C.S. *see* Derhacobian, N. 81188
Rossington, C.S. *see* Derhacobian, N. 92932
Rossington, C.S. *see* Derhacobian, N. 94250
Rossington, C.S. *see* Luke, P.N. 88123
Rossini, E. *see* Campa, C. 70674
Rossiter, S. *see* Swamy, M. 69247
Rossl, W. *see* Buschhorn, G. 76859
Rossle, E. *see* Hamann, N.H. 67312
Rossman, J. Colour matrix liquid crystal displays—uncertainty of passive matrix design trends 58921
Rossmanith, R. *see* Akchnrin, N. 66847
Rossmanith, R. *see* Carrigan, R.A., Jr. 59039
Rossmanith, R. *see* Einfeld, D. 66834
Rossmanith, R. *see* Karabekov, I.P. 66976
Rossmanith, R. *see* Limberg, T. 66969
Rossmann, R.A. *see* Reagan, F.J. 85648
Rosso, M. *see* Fukue, I. 60105
Rosso, V. *see* Alfano, B. 59375
Rosso, V. *see* Bandettini, A. 59109
Rosso, V. *see* Bandettini, A. 76979
Rosso, V. *see* Bencivelli, W. 67526
Rosso, V. *see* Bencivelli, W. 88436
Rosso, V. *see* Thompson, A.C. 88381
Rossow, B. *see* Beeler, R. 58230
Rossukanyi, N.M. *see* Perov, P.I. 76098
Rossum, M.Van *see* Van Rossum, M.
Rost, M., Weihs, W. 30 MHz hardware digital filter for signals of the ZEUS forward tracking detector 59208
Rost, T.A. *see* Der-Gao Lin 93124
Rostad, B.A. *see* Gander, R.E. 87002
Rostaing, G. *see* Berendsen, C.-S. 87165
Rostami, Kh.R. Sensitive AC Hall magnetometer 58733
Rostamkolai, N., Piwko, R.J., Matusik, A.S. Evaluation of the impact of a large cyclic load on the LILCO power system using time simulation and frequency domain techniques 89002
Rostamzadeh, C., Tool, G. Collider bypass diode thermal simulations and measurements for the SSCL 66837
Rostan, F., Heidich, E. Dual polarised microstrip patch antenna arrays for satellite-borne active SAR systems 58487
Rostan, F., Heidrich, E., Gottwald, G. Conformal antenna arrays in stripline technology 57279
Rostek, P.M. Power system design for massive parallel computer systems 68829
Rostker, M.A. *see* Baruch, S.B. 89027
Rostoker, N. *see* Prohaska, R. 88213
Rostoker, N. *see* Song, Y. 71020
Rostoker, N. *see* Song, Y. 87668
Rostov, V.V., Tot'meninov, E.M. Waveguide quasi-optical cavity for short-wave relativistic oscillators 55509
Rostov, V.V. *see* Gabanov, V.P. 90182
Rostov, V.V. *see* Korovin, S.D. 49751
Rosu, H. On the "circular vacuum noise" in electron storage rings 66842
Rosui, N., Ralea, M., Popescu, I.M., Iova, I., Paraschiv, R., Mircea, D. A holographic method for determination of the refraction index of a gas in electric discharge tubes 83390
Rosvold, G.O. Video-based vibration analysis by modulated projected gratings 76270
Rosypal, F. *see* Pacl, P. 70167
Rota, D. *see* Clerico, G. 52521
Rotanov, V.N. *see* Ozerov, V.I. 54228
Rote, D.M. *see* Cai, Y. 90590
Rotea, M.A. *see* Khargonekar, P.P. 73941
Rotela, E. *see* Sheng, I.C. 67208
Rotella, J.P. *see* Aykin, N.A. 85545
Rotge, J. *see* Christensen, D.A. 76016
Roth, A., Hugel, T., Kosmann, D., Matschke, M., Schreier, G. Experiences with ERS-1 SAR geopositional accuracy 77716
Roth, A.P., Benzaquen, R., Finnie, P., Berger, P.D., Dubowski, J.J. Excitonic recombinations

in $Cd_{0.90}Mn_{0.10}Te/CdTe$ heterostructures grown by pulsed laser evaporation and epitaxy 62231
Roth, A.P. *see* Sudersena Rao, T. 72895
Roth, B.J., Momen, S., Turner, R. Algorithm for the design of magnetic stimulation coils 53406
Roth, C., Lewelling, R., Brodnax, T. The PowerPC 604 microprocessor design methodology 92263
Roth, C. *see* Chess, B. 49406
Roth, D.J. *see* El-Sherif, M.A. 52930
Roth, D.R., McNulty, P.J., Beauvais, W.J., Reed, R.A., Thompson, A.V., Stassinopoulos, E.G. Solid state microdosimeter for spacecraft applications 77135
Roth, G., Levine, M.D. Geometric primitive extraction using a genetic algorithm 84737
Roth, G. *see* Hsu, T.-Y. 81609
Roth, G. *see* Lang, S. 95974
Roth, G. *see* Liou, R. 71054
Roth, G. *see* Nystrom, S. 97654
Roth, H. *see* Beez, T. 57244
Roth, J.E. *see* Way, J. 77297
Roth, R., Baker, J., Baker, J., Gillick, L., Hunt, M., Ito, Y., Lowe, S., Orloff, J., Peskin, B., Scattone, F. Large vocabulary continuous speech recognition of Wall Street Journal data 84111
Roth, R. *see* Gillick, L. 84071
Roth, R. *see* Kok-Meng Lee 89879
Roth, R.M. Spectral-null codes and null spaces of Hadamard submatrices 73644
Roth, R.M., Siegel, P.H. Lee-metric BCH codes and their application to constrained and partial-response channels 95108
Roth, S. *see* Fischer, C.M. 93012
Roth, S. *see* Sommer-Larsen, P. 55496
Roth, S.S., Cooper, K.J., Ray, W., Kirsch, H.C., Grove, C. Offset trench isolation 71388
Roth, S.S. *see* Hayden, J.D. 92198
Roth, T.A. *see* O'Neill, T.J. 67668
Roth, Z.S. *see* Hanqi Zhuang 94708
Roth-Seefrid, H., Feigel, A., Moser, H.-J. Implementation of bleed and feed procedures in Siemens PWRs 78320
Rothacher, F., Felber, N., Kaeslin, H. High-speed VLSI workpiece position measurement using normalized 2D-correlation 70594
Rothberg, G.M. *see* Tanaka, M. 54845
Rothberg, L.J. *see* Dodabalapur, A. 56557
Rothberg, L.J. *see* Dodabalapur, A. 63599
Rothberg, S.J., Halliwell, N.A. Vibration measurements on rotating machinery using laser Doppler velocimetry 76273
Rothblum, U.G. *see* Abeledo, H.G. 91307
Rothblum, U.G. *see* Hwang, F.K. 54695
Rothe, J. *see* Schmitt, W. 93147
Rothe, K., Schegner, P., Killiches, K., Stanimirov, M. Short-circuit tests on an AEG type PD551 power system distance relay on a 750 kV overhead power line 68316
Rothenberg, B.C. *see* Hurst, P.J. 70713
Rother, W. *see* Ehrhardt, A. 90261
Rothermel, A. *see* Gillies, D. 80501
Rothermel, H., Gundlach, K.H., Voss, M. A 350 to 700 GHz open structure SIS receiver for submm. radioastronomy 66014
Rothermel, H. *see* Gundlach, K.H. 50401
Rothermel, K. *see* Wahl, T. 58051
Rothery, M., Richie, S., Belkerdid, M. RF amplifier and oscillator design using the UCFCAD tools 55037
Rothhaupt, A. *see* Feldmann, K. 62010
Rothig, J. Improving DQDB behaviour combining bandwidth balancing and priority mechanism 52194
Rothig, J. *see* Carle, G. 52206
Rothig, J. *see* Welz, F. 85867
Rothman, J.L., Blum, E.B. Self-triggered single pulse beam position monitor 76489
Rothman, M. *see* Young, K.G. 76765
Rothnie, L. Campus wide information system development at three UK universities 52159
Roths, C. *see* Bohm, C. 55482
Roths, C. *see* Bohm, C. 80805
Roths, C. *see* Mueller, U. 80847
Rothwarf, A. *see* Dhingra, A. 100505
Rothwarf, A. *see* Gribnikov, Z. 55942
Rothwell, C. *see* Forsyth, D. 74623
Rothwell, C. *see* Sinclair, D. 84649
Rothwell, C.A. Hierarchical object description using invariants 74626
Rothwell, C.A. *see* Forsyth, D.A. 84814
Rothwell, E.J., Chen, K.M., Nyquist, D.P., Ross, J.E., Bebermeyer, R. A radar target discrimination scheme using the discrete wavelet transform for reduced data storage 75591
Rothwell, E.J., Kun-Mu Chen, Nyquist, D.P., Ilavarasan, P., Ross, J.E., Bebermeyer, R., Qing Li A general E-pulse scheme arising from the dual early-time/late-time behavior of radar scatterers 97371
Rothwell, E.J. *see* Ross, J.E. 83418
Rothwell, E.J. *see* Song, J. 51094
Rothwell, R., Dodgson, M. Technology-based SMEs: their role in industrial and economic change 60828
Rotman, H. Automated DFM analysis 80977
Rotman, S.R. *see* Hadar, O. 99398
Rotman, S.R. *see* Kalisky, Y. 94423
Rotman, S.R. *see* Tidhar, G. 51709
Rotondale, N. *see* Bucci, G. 100169
Rotondale, N. *see* Gentile, G. 100910
Rotondaro, A.L.P. *see* Martino, J.A. 49979
Rotondaro, A.L.P. *see* Simoen, E. 50000
Rotondi, D. *see* Castellaneta, P. 58178
Rott, H. *see* Jiancheng Shi 67835
Rott, H. *see* Jiancheng Shi 77523
Rott, H. *see* Jiancheng Shi 77524
Rotta, I. Unusual focalize in electrical machines 100091
Rottenkolber, M. *see* Thomann, W. 50577
Rottger, B. *see* Wurm, K. 81500
Rottigni, G.A. *see* Ottonello, P. 67420
Rottigni, G.A. *see* Ottonello, P. 98530
Rottmeier, J. *see* Auernhammer, H. 100973
Rottwitt, K., Guy, M.J., Boskovic, A., Noske, D.U., Taylor, J.R., Kashyap, R. Interaction of uniform phase picosecond pulses with chirped and unchirped photosensitive fibre Bragg gratings 63382
Rottwitt, K. *see* Noske, D.U. 56736
Rottwitt, K. *see* Wang, Y.H. 94921
Rou, S.H. *see* Bellur, K.R. 56135
Rouan, D. *see* Cesarsky, C.J. 52955
Rouaud, C. *see* Gillier, R. 87654
Roubaud, F., Dachs, C., Palau, J.-M., Gasiot, J., Tastet, P. Use of 2D simulations to study parameters influence on SEB occurrence in n-channel MOSFETs 71644
Roubaud, F. *see* Vadrot, J.F. 71654
Roubi, A. Global convergence and rate of convergence of a method of centers 69753
Rouco, L. *see* Zazo, A. 60182
Roudet, J. *see* Farjah, E. 81914
Roudet, J. *see* Hadjsaid, N. 89066
Roudet, J. *see* Mahdavi, J. 68769
Roudet, J. *see* Schanen, J.-L. 80969
Roudet, J. *see* Scheich, R. 60354
Rouet, J.P., Grandjean, G. Silicon sensors for automotive applications 87160
Rouff, M., Konieczka, S. Intelligent sensors for force and weight measurement using mechatronic technology 97931
Rouge, B. Space-frequency and space-scale representation to remove the speckle from homogeneous areas of radar image module 75639
Rouge, B. *see* Antonini, M. 85154
Rouget, M. *see* Borer, K. 98687
Roughgarden, J.D. *see* Fernandez, D.M. 67864
Roughton, M., Hinde, G. The use of multi-chip modules in safety critical systems 54491
Rougon, N., Preteux, F., Renard, G. Quantitative automated analysis of cornea endothelial cell images 95770
Roujean, J.-L. *see* Leroy, M. 88854
Roukos, S. *see* Lau, R. 73841
Rouland, E. *see* Lecordier, B. 76268
Rouleau, C.M. *see* Calhoun, L.C. 69997
Rouleau, D. *see* Lecomte, R. 59286
Rouleau, D. *see* Lecomte, R. 88411
Rouleau, D. *see* Lecomte, R. 98870
Rouleau, G. *see* Carlberg, C. 88261
Roulet, G. *see* Rastogi, S. 78041
Roulet, H. *see* Clemendot, S. 66578
Roulliay, M. *see* Lemonnier, M. 98511
Roulston, D.J. *see* Kumar, M.J. 49971
Roulston, D.J. *see* Kumar, M.J. 55909
Roulston, D.J. *see* Kumar, M.J. 81835
Roulston, D.J. *see* Kumar, M.J. 93356
Roulston, J.F. *see* Kinghorn, A.M. 99394
Roumeliotis, J.A., Kakogiannos, N.B. Scattering from an infinite cylinder of small radius embedded into a dielectric one 51093
Roumeliotis, J.A., Kokkorakis, G.C. Resonant frequencies in an electromagnetic cylindrical/spherical cavity with an internal off-axis small dielectric sphere 49635
Roumenin, C. Functional magnetic-field microsensors: an overview 52829
Roumenin, C.S. Integrated 3-D magnetic vector sensor 66176
Roumes, C. *see* Leger, A. 99089
Round, B.J. *see* Daniel, W.T. 92691
Round, S.D., Duke, R.M. Real-time optimization of an active filter's performance 61795
Round, S.D., Duke, R.M. Active filter optimisation for efficient variable frequency remote generation 68347
Round, S.D., Duke, R.M. Real time optimisation of active filter energy savings 89091
Round, S.D., Mohan, N. Comparison of frequency and time domain neural network controllers for an active power filter 89092
Round, S.D. *see* Duke, R.M. 90206
Roundy, C.B. *see* Nielsen, M.E. 98017
Rountree, M.E. *see* Storey, B.A. 88693
Rourk, C. A review of lightning-related operating events at nuclear power plants 89463
Rourke, H.N., Baker, S.R., Byron, K.C., Baulcomb, R.S., Ojha, S.M., Clements, S. Fabrication and characterisation of long, narrowband fibre gratings by phase mask scanning 72345
Rousan, M.A.AL *see* AL Rousan, M.A.
Rouse, C.J., Carter, A.J. The use of single and multiple seed architectures with a natural based micro-architecture exploration algorithm 92380
Rouse, D.S. *see* Moyer, S.L. 74871
Rouse, G. *see* Amin, V.R. 99357
Rouse, R.P. *see* Lapointe, J. 63292
Rouseff, D., Porter, R.P., Fox, W.L.J. Acoustical characterization of a shallow water environment from sparse data 77542
Rouseff, D., Winters, K.B., Ewart, T.E. Reconstruction of small-scale flow dynamics by acoustical tomography 99275
Roush, F.W. *see* Kim, K.H. 91171
Roush, R.A. *see* Stoudt, D.C. 63552
Rouskas, G.N., Ammar, M.H. Multi-destination communication over single-hop lightwave WDM networks 65818
Rousseau, G. On the Jacobi symbol 69726
Rousseau, J. *see* Cocha, M. 82565
Rousseau, J. *see* Millaire, A. 67468
Rousseau, J.-J. *see* De Palma, J.-F. 90303
Rousseau, P. Digital signalling for private mobile radio (DSPMR) 75214
Rousseau, P.M., Griffin, P.B., Plummer, J.D. Electrical deactivation of arsenic as a source of point defects 71087
Rousseau, P.M. *see* Luning, S. 62152
Rousseau, T. *see* Vacher, A. 49480
Rousseaux, F. *see* Lemonnier, M. 98511
Rousseeuw, P.J. *see* Mili, L. 67992
Roussel, A.-M. Southeast Asian Telecom 85407
Roussel, B. *see* Delhomme, G. 76882
Roussel, P.J. *see* Verhaege, K. 82011
Roussel-Dupre, H. *see* Rigaill, D. 62572
Roussel-Dupre, R., Argo, P.E. Properties of the transfer function for transionospheric propagation obtained from 3-D ray-tracing 86257
Rousselle, S.R., Sorby, S.S., Perger, W.F. NEW IDEAS (Numerical Electromagnetics With I-DEAS) for visual electromagnetics 94967
Rousset, A. The discovery of weak neutral currents 76805
Rousset, B., Viargues, F. An alternative cooling scheme for the TeV superconducting linear accelerator project 94037
Rousset, B. *see* Itoua, S. 71442
Rousset, B. *see* Martinez, A. 93997
Rousset, J. *see* Quere, R. 81765
Rousso, B. *see* Irani, M. 84811
Rousso, B. *see* Irani, M. 95686
Roussopoulos, N. *see* Delis, A. 58154
Roussos, J.A. *see* Christianson, K.A. 80739
Roussy, G., Thiebaut, J.-M. Evaluation of the local electrical field inside an heterogeneous material, irradiated by microwaves 79011
Roussy, G. *see* Ammor, H. 76152
Roustan, J.C. *see* Aboudihab, I. 63551
Roustan, J.C. *see* Aboudihab, I. 66348
Routley, P., Brunnschweiler, A., Ashburn, P. Optimisation of BiCMOS buffers for low voltage applications 63039
Routray, A. *see* Dash, P.K. 89207
Rouvaen, J.-M. *see* Assaad, J. 93792
Rouvaen, J.M. *see* Bazzi, O. 75689
Rouvaen, J.M. *see* Bazzi, O. 94215
Rouve, L.L., Schaeffer, C., Farjah, E. Thermal behavior of IGBT subjected to short power pulses of high amplitude 62788
Roux, D. The hydrostatic levelling system (HLS)/servo-controlled precision jacks: a new generation altimetric alignment and control system 76710
Roux, F.S. Diffractive optical Hough transform implemented with phase singularities 56940
Roux, F.S. Implementation of arbitrary linear optical transformations with diffractive optics 57673
Roux, F.S. *see* Honiball, H.R. 95662
Roux, G.Le *see* Le Roux, G.
Roux, M. Innovations in live line maintenance for high voltage substations (⩾63 kV) at EDF (Electricite de France) 78758
Roux, M., McKeown, D.M. Feature matching for building extraction from multiple views 84792
Roux, P. *see* Blanck, H. 80768
Roux, P. *see* Blanck, H. 80818
Roux, P. *see* Delage, S.L. 70895
Roux, P.Le *see* Le Roux, P.
Roux, Y.M.Le *see* Le Roux, Y.M.
Rouzeyre, B., Dupont, D., Sagnes, G. Component selection, scheduling and control schemes for high level synthesis 49328
Rouzeyre, B. *see* Flottes, M.L. 49359
Rouzic, M.Le *see* Le Rouzic, M.
Rouzky, R., Batista, M., Longbotham, H. An application of wavelets to electromyographic signals 59392
Rovaris, E., Jezieniecki, R. Introduction to generalised sampling−reconstruction 57670
Rovati, L., Lago, P., Priori, L. High performance single stage shaper-preamplifier for optical gated signals 95658
Rovati, L. *see* Lago, P. 88388
Rovelli, T. *see* Adye, T.J. 98508
Rovera, G.D., de Clercq, E., Clairon, A. An analysis of major frequency shifts in the LPTF optically pumped primary frequency standard 52749
Rovera, G.D., Santarelli, G., Clairon, A. A laser diode system stabilized on the caesium D_2 line 56803
Rovera, G.D. *see* Acef, O. 87418
Rovera, G.D. *see* Acef, O. 87572
Rovera, G.D. *see* de Clercq, E. 86860
Rovera, G.D. *see* Shirley, J.H. 86903
Roveri, A. *see* Baiocchi, A. 51849

Roveri, A. *see* Cappellini, V. 65144
Roveri, A. *see* Decina, M. 96127
Rovetta, A., Sala, R., Cosmi, F., Xia Wen, Sabbadini, D., Milanesi, S., Togno, A., Angelini, L., Bejczy, A. The first experiment in the world of robotic telesurgery for laparoscopy carried out by means of satellites networks and optical fibres networks on 7th July 1993 88527
Rovner, R.M. *see* Ganzberger, M.J. 95647
Rovnyak, S., Kretsinger, S., Thorp, J., Brown, D. Decision trees for real-time transient stability prediction 89003
Row Jeen-Sheen *see* Jeen-Sheen Row
Rowan, S., Campbell, A.M., Skeldon, K., Hough, J. Broadband intensity stabilization of a diode-pumped monolithic miniature Nd:YAG ring laser 63914
Rowan, T.M. *see* Kerkman, R.J. 68806
Rowan, T.M. *see* Kerkman, R.J. 90111
Rowan, T.M. *see* Kerkman, R.J. 100322
Rowe, D.M. *see* Kiely, J.H. 90464
Rowe, E. *see* Huber, D.L. 88273
Rowe, F. Data network productivity and competitive behavior: the case of the French commercial banks 96433
Rowe, G.B. *see* Neve, M.J. 97112
Rowe, L.A. *see* Patel, K. 66064
Rowe, R. *see* Xia, H.H. 75347
Rowe, R.E. *see* Cordova, J.E. 98908
Rowe, R.W. *see* Xia, H.H. 86235
Rowe, W. *see* Barberis, E. 59063
Rowe, W.A. *see* Cartiglia, N. 71769
Rowe, W.A. *see* Ziock, H.J. 76767
Rowell, N.L. *see* Perovic, D.D. 81309
Rowell, N.L. *see* Xiuying, G. 61264
Rowell, N.L. *see* Xiuying Gong 56525
Rowell, R., Nair, V.S.S. SELAC—statistical error location and correction for secondary memory storage 73662
Rowland, J.G., Jain, L.C. Artificial intelligence languages in engineering education 54358
Rowland, L.B. *see* Binari, S.C. 55891
Rowland, L.B. *see* Binari, S.C. 80661
Rowlands, A.R. *see* Bouziane, A. 50121
Rowlands, A.R. *see* Bouziane, A. 50122
Rowlands, H. *see* Grosvenor, R.I. 60806
Rowley, D.R. *see* Johnson, D.W. 89558
Rowley, R.M. *see* Stowers, J.P. 87025
Rowntree, G.W.G., Stokes, A.D. Using video pyrometry techniques to measure the temperature history of incandescent aluminium particles 78161
Rowse, J. Efficient allocation of a nonconventional nonrenewable resource 89423
Rowson, J.A. Hardware/software co-simulation 91708
Rowson, P. *see* Shapiro, G. 76455
Roy, A., Singh, K. Cross and parallel polarization coupling in transmission-type degenerate four-wave mixing in compound semiconductor photorefractive crystals: orientational dependence 56899
Roy, A. *see* Arico, A.S. 68993
Roy, A. *see* Cesarsky, C.J. 52955
Roy, A. *see* Shepard, K.W. 67136
Roy, A.A. *see* Iyengar, S. 74996
Roy, C.K., Biswas, J.R. Studies on impulse behaviour of a transformer winding with simulated faults by analogue modelling 100188
Roy, D. Classification of life distributions in multivariate models 69637
Roy, D. *see* Freedman, P. 79214
Roy, E.B. *see* Steen, G.H., Jr. 69275
Roy, G. *see* Ghanem, M.C. 68715
Roy, G. *see* Ghanem, M.C. 90133
Roy, G. *see* Ghanem, M.C. 90146
Roy, I.Le *see* Le Roy, I.
Roy, J. *see* Gingrich, D. 53291
Roy, J.N., Mukhopadhyay, S. Use of minimized light mode patterns in shadow-casting system for optical parallel logic operations in the enhanced edge of image 82761
Roy, K., Prasad, S. Logic synthesis for reliability—an early start to controlling electromigration and hot carrier effects 91734
Roy, K. *see* Levitt, M.E. 55218
Roy, K. *see* Tan-Li Chou 92154
Roy, L. *see* Sinha, A.K. 88945
Roy, M. *see* Wu, A. 58160
Roy, M.F. *see* Wu, A. 65372
Roy, M.N. *see* Manohar, R. 97187
Roy, R., Warwick, M. Journey into space [spatial division multiple access] 97088
Roy, R. *see* Balle, S. 56781
Roy, R. *see* Dey, S. 49366
Roy, R. *see* Larochelle, Y. 87990
Roy, R.K. *see* Banerjee, S. 49341
Roy, R.K. *see* Banerjee, S. 92051
Roy, R.K. *see* Chatterjee, A. 49566
Roy, R.R. Networking constraints in multimedia conferencing and the role of ATM networks 85479
Roy, S. A goal-programming approach to optimal price determination for inter-area energy trading 59715
Roy, S., Fortier, P. Adapting the strongly-connected trellis concept for use with trellis-coded modulation 73618
Roy, S., Malik, O.P. Implementation of adaptive speed control algorithms for diesel-driven power plants on a digital signal processor 89707
Roy, S. *see* Baccala, L.A. 73997
Roy, S. *see* Barker, J.R. 71271
Roy, S. *see* Dao Sheng Chen 75309
Roy, S. *see* Kumar, P.S. 50362
Roy, S. *see* Stadler, J.S. 74141
Roy, S. *see* Subramaniam, P.C. 73439
Roy, S. *see* Wylie, M.P. 74105
Roy, S. *see* Yang, J. 57136
Roy, S. *see* Yang, J. 96188
Roy, S.C. *see* Vaijapurkar, S.G. 99027
Roy, S.C.D. *see* Kumar, B. 49545
Roy, S.C.Dutta *see* Dutta Roy, S.C.
Roy, S.K. *see* Ganguly, A. 49962
Roy, S.K. *see* Ganguly, A. 70910
Roy, S.K. *see* Mazumder, N. 70908
Roy, S.K. *see* Mitra, M. 55407
Roy, S.R., Glynn, P., Hogan, R., Reynolds, J. A novel reactor design configuration for contamination control and improved performance in the polysilicon doping process using $POCl_3$ 71316
Roy, T.Sony *see* Sony Roy, T.
Roy, V. *see* Farchi, A. 53162
Royals, M. *see* Markas, T. 55215
Roybal, P. *see* Lock, J.S. 67366
Roychowdhury, P. *see* Vijayan, T. 53124
Roychowdhury, V. *see* Chatterjee, C. 98118
Roychowdhury, V.P., Orlitsky, A., Kai-Yeung Siu Lower bounds on threshold and related circuits via communication complexity 74632
Roye, D. *see* Champenois, G. 69036
Roye, W. *see* Unno, Y. 98558
Royer, A. *see* Goita, K. 67755
Royer, D. *see* Gendreu, P. 99342
Royer, J.P. *see* Barnett, I. 76827
Royer, K.W., Sobhy, M.I. Accurate modelling of IC interconnect performance using the method of lines 49670
Royer, R. *see* Rate, C. 67723
Royet, J. *see* Scanlan, R.M. 82411
Royle, G.J., Speller, R.D. Design of a Compton camera for imaging 662 keV radionuclide distributions 88049
Royset, A. Long distance fibre optic transmission using combination of duobinary coding and electrical equalisation of dispersion 97289
Royset, A., Bjerkan, L., Myhre, D., Hafskjaer, L. Use of dispersive optical fibre for characterisation of chirp in semiconductor lasers 56742
Royster, T.E. *see* Marz, M.B. 89244
Roytelman, I., Shahidehpour, S.M. A comprehensive long term dynamic simulation for power system recovery 89004
Roza, E. Recursive bitstream conversion: the reverse mode 57622
Rozanov, N.E. *see* Il'ina, N.V. 59035
Rozanov, N.N. On solitonlike optical structures in nonlinear optical media with gain 73105
Rozanov, S.V. *see* Erukhimov, L.M. 73357
Rozanov, V.A. *see* Dolaberidze, G.P. 100877
Rozario, N., Lenzing, H.F., Reardon, K.F., Zarro, M.S., Baran, C.G. Investigation of Telstar 4 spacecraft Ku-band and C-band antenna components for multipactor breakdown 57309
Rozek, W. Toll systems from Jena, the city of high technology 75115
Rozelle, D. *see* Cordova, A. 76033
Rozelle, D.M. *see* Patterson, R.A. 67710
Rozen, J.R. *see* Koch, R.H. 72226
Rozen, J.R. *see* Koch, R.H. 93946
Rozenberg, G. *see* Harju, T. 48765
Rozenblat, M.A. *see* Voronichev, P.P. 72199
Rozenblit, J.W. *see* Hsu, P. 69577
Rozenblit, M. Secure software distribution 52004
Rozenblit, M. O, A and M capabilities for switching software management 75149
Rozenshtein, D.B. *see* Gusev, S.A. 81488
Rozental, S., McCarter, J., McBride, A. Asymmetric digital subscriber line 52263
Rozgonyi, C.A. *see* Kirk, H.R. 62324
Rozgonyi, G.A. *see* Feng Hong 49814
Rozgonyi, G.A. *see* Lee, D.M. 71264
Rozhankovskii, Yu.V. *see* Anisimov, V.A. 69084
Rozhko, M.I. *see* Rachkov, A.E. 67441
Rozhkov, V.A., Petrov, A.I., Shalimova, M.B. Antireflection coatings of yttrium, cerium, and terbium fluorides for silicon photoelectric devices 82816
Rozhkov, V.A., Romanenko, N.N. Conductive switching with memory in MIS structures containing lanthanum fluoride 49830
Rozhkov, V.A. *see* Latukhina, N.V. 81388
Rozhnev, A.G. *see* Kleyev, A.I. 83769
Rozjkov, A. *see* Arefiev, A. 88007
Rozler, L. *see* Belgal, H. 62990
Rozman, A.F., Boylan, J.J. Band pass current control 61535
Rozman, J., Acimovic-Janezic, R., Tekavcic, I., Kljajic, M., Trlep, M. Implantable stimulator for selective stimulation of the common peroneal nerve: a preliminary report 59416
Rozman, R. *see* Baker, A. 92225
Rozman, Ya.B. *see* Breiter, B.Z. 69085
Rozovskii, B.L. *see* Mikulevicius, R. 84328
Rozsa, K. *see* Peard, K.A. 72681
Rozsa, K. *see* Peard, K.A. 82926
Rozuvan, S.G., Tikhonov, E.A. Generation of ultrashort light pulses in a dye laser with injection of a stimulated seed signal 94368
Rozzi, T. *see* Cerri, G. 80564
Rozzi, T. *see* De Leo, R. 80555
Rozzi, T. *see* Izzat, N. 70828
Rozzi, T. *see* Moglie, F. 49631
Rozzi, T. *see* Moglie, F. 73434
Rozzi, T. *see* Morini, A. 92481
Rozzi, T. *see* Pierantoni, L. 51088
Ru, V.J.de *see* de Ru, V.J.
Ru Guoping *see* Guoping Ru
Ru Li Jin *see* Jin Ru Li
Ru-Wen Zhao *see* Fu-Ming Yang 82247
Ru-Xin Li *see* Li Ru-Xin
Ruai, Y.Yu., Konishi, Y., Allen, S.T., Reddy, M., Rodwell, M.J.W. A traveling-wave resonant tunnel diode pulse generator 70911
Ruai Yu *see* Konishi, Y. 76181
Ruan, J.-A. *see* Bhushan, B. 50337
Ruan, J.A., Bhushan, B. Atomic-scale friction measurements using friction force microscopy. I. General principles and new measurement techniques 70210
Ruan, J.A. *see* Bhushan, B. 70211
Ruan, S., Sutherland, J.M., French, P.M.W., Taylor, J.R., Chai, B.H.T. Kerr lens modelocked solid state laser in the red (639 nm) 83014
Ruan, S., Sutherland, J.M., French, P.M.W., Taylor, J.R., Delfyett, P.J., Florez, L.T. Pulse evolution in cw femtosecond Cr^{3+}:$LiSrAlF_6$ lasers mode-locked with MQW saturable absorbers 72767
Ruan, T.Z. *see* Bai, J.Z. 53324
Ruan, Z. *see* Yasuda, A. 77261
Ruan Cheng *see* Zeng Xuegang 94780
Ruan Chengli *see* Chengli Ruan
Ruan FupChang *see* FupChang Ruan
Ruan Gang *see* Niu Guofu 81897
Ruan Longquan *see* Zhang Running 85272
Ruan Xinbo, Yan Yangguang Parameters design and increasing frequency of BJT resonant DC link inverters 100235
Ruan Xinbo *see* Yan Yangguang 99097
Ruan Yongfeng *see* Fu Yonglai 50788
Ruan Yu *see* Chen Haiqin 50448
Ruanaidh, J.J.K.O *see* Ó Ruanaidh, J.J.K.
Ruano Lopez, A. *see* Sene Alegret, M.L. 65113
Ruaudel-Teixier, A. *see* Clemendot, S. 66578
Rub, P., Maret, G. A new 18-T resistive magnet with radial bores 83542
Rub, P. *see* Aubert, G. 83533
Rubaai, A. Computer aided instruction of power transformer design in the undergraduate power engineering class 69424
Rubaai, A., Udo, V. Self-tuning load frequency control: multilevel adaptive approach 77895
Rubalcava, T. *see* Bensoussan, A. 61939
Rubanov, A.S. *see* Karpuk, S.M. 83370
Rubanov, N.S. *see* Bovbel', Ye.I. 79755
Rubarth, B. *see* Thiele, J.-U. 81205
Rubashkin, S.B. *see* Pavel'yev, A.G. 51103
Rubbia, C. *see* Abrami, A. 98715
Rubbia, C. *see* Benetti, P. 67327
Rubbia, C. *see* Benetti, P. 67328
Rubbia, C. *see* Cennini, P. 67285
Rubbia, C. *see* Cennini, P. 76755
Rubchenya, V.A. *see* Kuznetsov, A.V. 67357
Rubel, H., Folsch, J., Schade, H. Differences in the properties of amorphous hydrogenated silicon-carbide layers prepared with either methane or silylmethanes 91603
Rubel, H. *see* Bubenzer, A. 100586
Rubel, P., Fayn, J., Willems, J.L. Future prospects in ECG signal interpretation 67562
Rubel, S., Trochet, M., Ehrichs, E.E., Smith, W.F., de Lozanne, A.L. Nanofabrication and rapid imaging with a scanning tunneling microscope 62618
Rubenchik, A.M. *see* Aceves, A.B. 83272
Rubenchik, A.M. *see* Menyuk, C.R. 75504
Rubenstein, A.H. At the front end of the R&D/innovation process: idea development and entrepreneurship 69484
Rubenstein, D. Catalan numbers revisited 91298
Rubenstein, E. *see* Thompson, A.C. 88381
Ruberg, S. *see* Marsh, J. 59476
Ruberto, M.N. *see* Eldada, L. 94182
Rubin, A., Sutton, M. An introduction to outSPOKEN for persons unfamiliar with the Macintosh 51407
Rubin, A.D., Honeyman, P. Nonmonotonic cryptographic protocols 74690
Rubin, A.M. *see* Beckjord, E. 78301
Rubin, B. *see* Efrat, I. 91037
Rubin, D. *see* Chen, T. 87802
Rubin, D. *see* Hartung, W. 87731
Rubin, D. *see* Kirchgessner, J. 67105
Rubin, F. Comments on "cryptanalysis of knapsack ciphers using genetic algorithms" 57390
Rubin, I., Lin, K.D. Input rate flow control for high-speed communication networks: blocking and delay at the access points 74673
Rubin, I., Wu, J.C.-H. Throughput performance of asymmetrically loaded FDDI networks 96642
Rubin, I. *see* Zhensheng Zhang 51743
Rubin, P. *see* Fang-Fang Yin 98933
Rubinacci, G. *see* Albanese, R. 73265
Rubinacci, G. *see* Albanese, R. 83429
Rubinelli, F.A. *see* Fonash, S.J. 72588

Rubingh, M.J.A. *see* van der Heide, J.A. 67145
Rubino, G. *see* Ledoux, J. 91222
Rubinov, A.N. *see* Katarkevich, V.M. 82956
Rubinov, V.M. *see* Aronov, D.A. 49784
Rubinovitz, H.H. Issues associated with porting applications to the Compartmented Mode Workstation 96757
Rubinstein, F. *see* Packer, M. 69205
Rubinstein, H. *see* Ahlen, S. 98641
Rubinstein, J. *see* Hilai, R. 57746
Rubinstein, M., Uman, M.A., Medelius, P.J., Thomson, E.M. Measurements of the voltage induced on an overhead power line 20 m from triggered lightning 59968
Rubinstein, R.Y. *see* Asmussen, S. 91192
Rubio, A. *see* Roca, M. 71808
Rubio, A. *see* Segura, J. 93588
Rubio, G. *see* Jodar, L. 79720
Rubio, H. *see* Tejedor, M. 53026
Rubio, J.A.Lopez *see* Lopez Rubio, J.A.
Rubio Bretones, A. *see* Salinas, A. 51204
Rubio O, J. *see* Azorin N, J. 56531
Rubio-Ayuso, A.J. *see* Diaz-Verdejo, J.E. 73815
Rubio-Hernandez, F.J. Electrokinetic energy conversion in porous polystyrene plugs 69021
Rubiola, E. High stability current control in the 10 A range 80097
Rubish, V.M. *see* Mikla, V.I. 49785
Ruble, R., Clarke, R. Designing flyback converters. I. 48 W dual output DC-DC converter 49151
Ruble, R., Clarke, R. Designing flyback converters. II. 48W, dual output, DC input flyback converter 61553
Rubloff, G.W., Offenberg, M., Liehr, M. Integrated processing of MOS gate dielectric structures 55966
Rubner, R. *see* Ahne, H. 49928
Rubsam, D. *see* Wang, W.W. 56324
Rubshtein, A.P. *see* Arbuzov, V.L. 70132
Ruby, D.S., Basore, P.A., Buck, M.E., Gee, J.M., Schubert, W.K., Tardy, H.L. Simplified processing for 23%-efficient silicon concentrator solar cells 100632
Ruby, D.S. *see* Basore, P.A. 100563
Ruby, W. *see* Liang, G.-C. 80599
Rubzov, V.Yu. *see* Belolaptikov, I.A. 59156
Ruchti, C. *see* Herzog, R. 78390
Ruchti, R. *see* Baumbaugh, B. 59149
Ruchti, T.L. *see* Garside, J.J. 78588
Rucinski, A. *see* Arato, P. 61617
Ruck, B., Pavlovski, B. Measurement of rotating speed by laser Doppler velocimetry 76213
Ruck, B., Pavlovski, B., Semidetnov, N. Phase-two-focus anemometer for simultaneous measurement of particle velocity and particle size 66769
Ruck, D. *see* D'Angelo, W. 59451
Ruck, D. *see* Ericson, M. 59492
Ruck, D. *see* Miao, J. 81462
Ruck, D. *see* Wolf, B.H. 98493
Ruck, D.M. *see* Brunner, S. 56374
Ruck, D.M. *see* Frank, W.F.X. 56408
Ruck, D.W. *see* Block, P.G. 84723
Ruck, D.W.. *see* Burns, T.J. 57838
Ruck, D.W. *see* Burns, T.J. 74454
Ruck, D.W. *see* Chelen, D.E. 85070
Ruck, D.W. *see* Colombi, J.M. 64379
Ruck, D.W. *see* Colombi, J.M. 84126
Ruck, D.W. *see* Rogers, S.K. 77075
Rucker, H. *see* Gaworzewski, P. 71155
Rucker, W.M., Schlemmer, E. Numerical simulation of electromagnetic scattering problems—an overview 52622
Rucker, W.M., Schlemmer, E., Richter, K.R. The solution of 3D multiple scattering problems using the boundary element method 83607
Rucker, W.M. *see* Schlemmer, E. 83606
Ruckh, M. *see* Hedstrom, J. 100487
Ruckh, M. *see* Kessler, J. 93006
Rucki, Z., Moron, Z. Analysis of application of electrochemical impedance spectroscopy and impedance tomography for determining moisture gradient in non-conducting media 76271
Ruckman, M.W. *see* Anashin, V.V. 98393
Rud, L.A. *see* Kirilenko, A.A. 70842
Rud', V.Yu., Rud', Yu.V. Anisotropy of the charge carrier transport in II-IV-V_2 single crystals 62218
Rud', V.Yu. *see* Bodnar, I.V. 71151
Rud', V.Yu. *see* Zhilyaev, Yu.V. 49815
Rud', Yu.V. II-IV-V_2 semiconductors: investigations and potential applications 63545
Rud', Yu.V. Optoelectronic phenomena in zinc germanium diphosphide (review) 93114
Rud, Yu.V. *see* Astrova, E.V. 55545
Rud', Yu.V. *see* Bodnar, I.V. 71151
Rud, Yu.V. *see* Konstantinova, N.N. 55615
Rud', Yu.V. *see* Rud', V.Yu. 62218
Rud', Yu.V. *see* Zhilyaev, Yu.V. 49815
Ruda, H. *see* Dawson, F.P. 62620
Ruda, H. *see* Qu, X.H. 94602
Ruda, H.E. *see* Peralta, S.B. 69215
Rudakovskaya, L.A. *see* Borziak, P.G. 92637
Rudan, M. *see* Ciampolini, P. 87062
Rudant, J.-P. *see* Nezry, E. 67800
Rudberg, B. *see* Djupsjobacka, A. 97287
Rudberg, B. *see* Tvete, K. 70658
Rudd, H. *see* Kehne, D. 66858
Rudd, J.G., Marsh, R.A., Roecker, J.A. Surveillance and tracking of ballistic missile launches 77779
Rudd, R.E. *see* Spillman, W.B., Jr. 76045
Ruddick, K. Cosmic ray studies with the Soudan 2 detector 59155
Ruddick, K. *see* Avignone, F.T. 67288
Ruddick, K.G., Lahousse, L., Donnay, E. Location of the Rhine plume front by airborne remote sensing 53545
Ruddy, V., Maguire, J. Chemical detection using pulse narrowing in evanescent wave sensors 66374
Rude, U. On the multilevel adaptive iterative method 54731
Rude, U. *see* McCormick, S. 48871
Rudell, R. *see* Shenoy, N. 92150
Rudello, V. *see* Calabrese, R. 76741
Ruden, P.P. *see* Grider, D.E. 63024
Ruden, P.P. *see* Hibbs-Brenner, M.K. 71153
Ruden, P.P. *see* Yang Wang 58751
Ruden, T. *see* MacGregor, R. 81137
Ruden, T.E. *see* Browning, J. 62112
Rudenauer, F.G. *see* Fehringer, H.M. 98489
Rudenbauer, F.G. *see* Soubeyran, A. 77116
Rudenko, V. *see* Krasnykh, A. 66793
Rudenko, V.N. *see* Gusev, A.V. 80162
Ruderman, D.L., Bialek, W. Statistics of natural images: scaling in the woods 84629
Ruderman, M.A. *see* Juergens, T. 68979
Ruders, F. *see* Marso, M. 58797
Rudge, A. *see* Fallot-Burghardt, W. 88244
Rudge Barbosa, F., Coral, C., Caumo, J.R., Flacker, A. Hermetically packaged semiconductor optical amplifier for application in singlemode fiber systems 86429
Rudie, K., Wonham, W.M. Protocol verification using discrete-event systems 74694
Rudin, H. *see* Binding, C. 65118
Rudkins, J.B. *see* Ziolkowski, R.W. 82648
Rudlaff, T., Krastel, K., Drechsel, J. Integration of lasers in machine tools 50980
Rudman, D.A. *see* Bang, C.A. 62035
Rudman, D.A. *see* Rice, J.P. 63307
Rudman, D.A. *see* Rice, J.P. 72232
Rudman, M., Shchemelinin, A., Lieberman, K., Lewis, A. Near-field nanofabrication with pipette guided ArF excimer laser 71519
Rudnev, A. *see* Itoh, K.M. 49849
Rudnev, P.I., Khadzhi, B.A., Chernyshev, V.Yu., Shilyayev, S.N. Dynamic parameters of analog-to-digital converters and methods of measuring them 80405
Rudnev, V.I. *see* Demidovich, V.B. 54262
Rudneva, V.Ya. *see* Murogov, V.M. 89539
Rudnick, E.M., Chickermane, V., Patel, J.H. An observability enhancement approach for improved testability and at-speed test 80224
Rudnick, E.M., Holm, J.G., Saab, D.G., Patel, J.H. Application of simple genetic algorithms to sequential circuit test generation 49295
Rudnick, E.M., Patel, J.H., Greenstein, G.S., Niermann, T.M. Sequential circuit test generation in a genetic algorithm framework 91997
Rudnicky, A.I., Hauptmann, A.G., Kai-Fu Lee Survey of current speech technology 84017
Rudolf, F. *see* Cardot, F. 63217
Rudolf, R. *see* Deineko, V. 69845
Rudolfsson, D. *see* Brammer, R. 89837
Rudolph, G.L. *see* Stout, M.G. 48674
Rudolph, K., Jaenkar, P. A new 15 MHz-4 MV/m RF-deflector for the Munich Heavy Ion Recoil Spectrometer (MRS) 67392
Rudolph, P. *see* Laasch, M. 69915
Rudolph, P. *see* Matsumoto, F. 54816
Rudolph, T. *see* Hofmann, F. 100418
Rudolph, W. *see* Deitche, J. 73196
Rudra, A. *see* Araujo, D. 79869
Rudra, A. *see* Debba, N. 75985
Rudra, A. *see* Sallese, J.M. 71168
Rudra, A.M. *see* Bhar, G.C. 63947
Rudra, B., Jennings, D. Failure-mechanism models for conductive-filament formation 90962
Rudra, B., Pecht, M., Jennings, D. Assessing time-to-failure due to conductive filament formation in multi-layer organic laminates 79325
Rudrapatna, A.N. *see* Janakiram, V.K. 75217
Rudraraju, S., Wang, A., Murphy, K.A., Claus, R.O. Acoustic wave propagation in composite materials: an experimental study [using fiber optic inteferometric sensor] 91673
Rudraraju, S. *see* Greene, J. 52908
Rudziak, M.K. *see* Scanlan, R.M. 82411
Rudzick, O. *see* Dottling, R. 62276
Rue, R.M.De La *see* De La Rue, R.M.
Rue-Ding Li *see* Kutz, J.N. 94109
Ruebeck, F., Wisung, P. Advant stations—bringing computers in industrial plants together 75043
Rueda, A. *see* Quintana, J.M. 80229
Rueda, A. *see* Vazquez, D. 49541
Rueda, A. *see* Yufera, A. 80422
Rueda, F. *see* Merino, J.M. 100651
Ruedisueli, R.L. *see* Sandwith, C.J. 86605
Ruegg, P. *see* Huffer, W.E. 76964
Ruegg, R. *see* Song, P.S. 87799
Ruegger, M. Modern meter test procedures and methods [electricity metering] 89404
Ruehl, J.J. *see* Brauer, J.R. 83490
Ruela, J. *see* Castro, R. 85755
Ruela, J.A., Castro, R.A. Introduction of ATM on the customer premises network, interworking strategies and architectures 58162
Ruello, Y. *see* Cressan, E. 52520
Ruenn-Bo Tsai *see* Kin-Lu Wong 73422
Ruether, J.C. *see* Berg, R.M. 89438
Ruetschi, M., Grutter, P., Funfschilling, J., Guntherodt, H.-J. Creation of liquid crystal waveguides with scanning force microscopy 72483
Ruetschi, M. *see* Meyer, E. 71069
Ruetz, P. *see* Tong, P. 51322
Ruey-Beei Wu *see* Cheng-Geng Jan 94899
Ruey-Beei Wu *see* Ming-Hua Mao 70815
Ruey-Beei Wu *see* Show-Gwo Hsu 73413
Ruey-Ching Shyu, Jhing-Fa Wang, Chaug-Ching Huang, Chung-Hsien Wu, Jau-Yien Lee A vowel-driven connected Mandarin digit recognition system 84148
Ruey-Dar Chang *see* Tan-Tsu Sheng 49902
Ruey-Hsun Liang, Yuan-Yih Hsu Hydroelectric generation scheduling using self-organizing feature maps 89733
Ruey-Jen Wang *see* Liang-Ying Liu 84001
Ruey-Shing Huang *see* Abbaspour-Sani, E. 87068
Ruey-Shing Huang *see* Abbaspour-Sani, E. 87554
Ruey-Shun Chen, Chen, D.J., Yeh, Y. A new approach to design and implementation of IBM PC for accessing library CD-ROM database via campus network 52103
Ruey-Wen Liu *see* Seung-Jin Choi 64660
Ruey-Yih Lin *see* Chyan Yang 85524
Ruf, C.S. Improved array configurations for synthetic aperture interferometric radiometers 77686
Ruf, C.S., Keihm, S.J., Subramanya, B. TOPEX Microwave Radiometer in-flight performance evaluation 67858
Ruf, M. Optical broadband signal distribution technology 52724
Ruf, M.J. A high performance fixed rate compression scheme for still image transmission 57900
Ruf, M.J. *see* Fazel, K. 75744
Ruf, R.R. *see* Gambino, R.J. 72060
Rufa, G. *see* Krauss, L. 51875
Rufa, G. *see* Zepf, J. 52247
Rufenach, C. *see* Shuchman, R. 77349
Rufenach, C.L., Shuchman, R.A. A Doppler spectral method of identifying water and ice in marginal-ice-zone imagery 67880
Rufenach, C.L., Shuchman, R.A. A Doppler spectral method of identifying water and ice in marginal ice zone imagery 88803
Rufenach, C.L. *see* Shuchman, R.A. 67879
Ruff, B.J. *see* Hwang, S.-H. 71525
Ruff, G.A. *see* Zhang, Y. 53073
Ruff, M., Mitlehner, H., Helbig, R. SiC devices. physics and numerical simulation 62633
Ruffie, G. *see* Beaudin, G. 88787
Ruffie, G. *see* Febvre, P. 66013
Ruffin, P. *see* Sawyer, J. 98061
Ruffin, P.B., Lofts, C., Sung, C.C., Page, J.L. Reduction of nonreciprocity noise in wound fiber optic interferometers 87219
Ruffin, P.B. *see* Lofts, C.M. 76031
Ruffina, U. *see* Kasal, M. 66161
Ruffing, J.F. Environmental impact of vapor phase soldering and heating materials 92799
Ruffins, T.R. *see* Rand, J.A. 100640
Rugar, D., Zuger, O., Hoen, S., Yannoni, C.S., Vieth, H.-M., Kendrick, R.D. Force detection of nuclear magnetic resonance 66291
Rugar, D. *see* Terris, B.D. 72296
Ruggiero, A.G. Nuclear fusion of protons with ions of boron 67026
Ruggiero, A.G. Confinement and stability of a crystal beams 87875
Ruggiero, A.G. A muon collider scenario based on stochastic cooling 98428
Ruggiero, F. Review recent optical issues in LEP 67043
Ruggles, L. *see* Nash, T.J. 63623
Ruhaak, J. *see* Vollmer, E. 86867
Ruhl, F.F. *see* Ankiewicz, A. 94395
Ruhle, U. *see* Kessler, J. 93006
Ruhle, W.W. *see* Heberle, A.P. 62266
Ruhle, W.W. *see* Lawrence, I. 93013
Ruhle, W.W. *see* Lohner, A. 73085
Ruhle, W.W. *see* Zhou, X.Q. 62187
Ruhsam, C. *see* Nakesch, H. 77000
Rui, R. *see* Bonutti, F. 98540
Rui Chang Chu *see* Chu Rui Chang
Rui Jiabai, Jin Guanchang, Xu Bingye A new digital speckle correlation method and its application 95983
Rui Li, Bisognano, J.J. A strong-strong simulation on the beam-beam effect in a linac/ring B-factory 87801
Rui Li, Simrock, S.N., Yunn, B.C. Automated measurement of cavity frequency and cavity tuning at CEBAF 76530
Rui Liu, Caldeira, P., Kustera, D. Analysis and design of a low EMI, multi-output and multi-resonant forward power supply for TV application 86711
Rui Pu *see* Pu Rui
Rui Xin *see* Xin Rui
Rui Zhang *see* Zhang Rui
Rui-Xian Luo *see* Luo Rui-Xian
Ruibo Wang *see* Chunfei Li 83250

Ruibo Wang *see* Xianjun Mao 58268
Ruichang Qiu *see* Qiu Ruichang
Ruifan Sun *see* Sun Ruifan
Ruifeng Qin *see* Azizur Rahman, M. 89909
Ruifu Luo *see* Luo Ruifu
Ruigang Li *see* Li Ruigang
Ruighaver, A.B., Holt, R.F., Semkiw, J., Nirmalathas, A. Optical 2-dimensional multiple-broadcasting for massively parallel multicomputers 50636
Ruigrok, J. *see* Zieren, V. 50257
Ruikang Yang, Gabbouj, M., Neuvo, Y. Nonlinear preprocessing scheme for JPEG-based image coding 64676
Ruikang Yang, Gabbouj, M., Pao-Ta Yu Parametric analysis of weighted order statistics filters 73999
Ruile, W. *see* Manner, O. 99324
Ruile, W. *see* Reindl, L. 93825
Ruile, W. *see* Scholl, G. 93818
Ruile, W. *see* Weigel, R. 98376
Ruill Hu, Ahmed, H.M. Echo cancellation in high speed data transmission systems using adaptive layered bilinear filters 51735
Ruilin Liang *see* Liang Ruilin
Ruis Macias, J.L. *see* Gomez Exposito, A. 78210
Ruisi, R. *see* Susini, C. 77664
Ruitang Li *see* Li Ruitang
Ruiu, B. Testing ATM systems 74786
Ruiwu Peng *see* Peng Ruiwu
Ruixi Liu *see* Liu Ruixi
Ruixia Yang *see* Yang Ruixia
Ruixiang Yin, Weizhen Ma The fast algorithm for the finite length discrete wavelet transform 95633
Ruiz, A., Mestres, N., Calleja, J.M., Wagner, J., Briones, F. Growth and characterization of $Al_{1-y}In_yAs/Ga_{1-x}In_xAs$ strained multiple quantum wells 54875
Ruiz, A. *see* Barrios, L.J. 66205
Ruiz, A. *see* Melendez, J. 93040
Ruiz, D.P. *see* Gallego, A. 64465
Ruiz, E., Walling, L., Goren, Y., Spayd, N. Beam coupling impedance measurements and simulations of a beam pipe liner with pumping holes or slots 87716
Ruiz, F. *see* Haro-Poniatowski, E. 64005
Ruiz, J., Aramendi, E., Ubierna, A., Leturiondo, L.A., Amantegui, J. DSP based harmonic distortion measurement system, following IEC 1000-4-7 standard 78251
Ruiz, J.G. *see* Moreira, C.G. 77027
Ruiz, J.M. A PC program for the design of small transformers 60286
Ruiz, M.J.P. *see* Marcelo, R.M. 79616
Ruiz, O. *see* Burrer, C. 66242
Ruiz, O. *see* Samitier, J. 58885
Ruiz, R., Legros, C. The cumulative spectral probability diagram: theory and experiments 73790
Ruiz, R.P. *see* Chen, J.S. 62307
Ruiz, V. *see* de Brucq, D. 95505
Ruiz-Moreno, S. *see* Guitart, J. 50803
Ruiz-Moreno, S. *see* Guitart, J. 72897
Ruizhao Yu *see* Yu Ruizhao
Ruji Huang *see* Huang Ruji
Rujing Zhou *see* Youyi Wang 89117
Rujing Zhou *see* Youyi Wang 99584
Rujing Zhou *see* Zhou Rujing
Rujula, A.De *see* De Rujula, A.
Rukavina, J.P. *see* Husman, M.S. 92804
Rukavina, T.G. *see* Kuo-Chuan Ho 72447
Rukes, B., Vollmer, W., Wittchow, E. Power stations with high steam conditions: adapted design of steam turbines and steam generators 78433
Rukhadze, A.A. *see* Kazanskii, I.N. 57138
Rukhadze, A.A. *see* Naumenko, E.D. 76289
Rukhadze, A.A. *see* Shkvarunets, A.G. 81147
Rukin, S.N. *see* Darznek, S.A. 90285
Rukovishnikov, A.I. *see* Perov, P.I. 76098
Ruland, R.E. *see* Bressler, V.E. 76645
Ruland, R.E. *see* Bressler, V.E. 76716
Rule, D.W., Fiorito, R.B. Beam profiling with optical transition radiation 76598
Rule, D.W. *see* Fiorito, R.B. 98447
Rule, D.W. *see* Maruyama, X.K. 67219
Rule, D.W. *see* Maruyama, X.K. 76518
Rulian Fu *see* Fu Rulian
Rulison, A.J., Flagan, R.C., Ahrens, T.J. Inward electrostatic precipitation of interplanetary particles 64110
Rulke, S., Fehlauer, E., Franke, G. Design improvement through retiming [digital circuits and systems] 80025
Rulkov, N.F., Tsimring, L.S., Abarbanel, H.D.I. Tracking unstable orbits in chaos using dissipative feedback control 70274
Rullan, M., Oliver, J., Ferrer, C., Blom, F.C. Testability enhancement of a basic set of CMOS cells 82065
Rullent, C. *see* Baggia, P. 51422
Rullent, C. *see* Baggia, P. 64336
Rullent, C. *see* Baggia, P. 64389
Rullent, C. *see* Baggia, P. 73861
Rullent, C. *see* Gerbino, E. 73864
Ruller, J.A. *see* Williams, G.M. 63403
Rulli, G. *see* Anzaloni, A. 96640
Rullier, J.L. *see* Menninger, W.L. 71042
Rullire, C. *see* Jonusauskas, G. 94621
Rullman, G., Baliga, S., Doctor, A.P. Space-qualified pyroelectric detectors 67829
Rumanov, E.N. The 'critical point' of a thermoresistor 80878
Rumbles, G. *see* Lovering, D.J. 62268
Rumbold, D.A. *see* Viveash, J.P. 67672
Rumeau, R. *see* Gelard, P. 85622
Rumekasten, M. SimCom: Powerful simulation of heterogeneous networks 85364
Rumekasten, M., Vazquez, E., Alvarez-Campana, M. SimCom — a Window-based simulator for performance analysis of heterogeneous networks 65376
Rumekasten, M. *see* Martini, P. 65425
Rumekasten, M. *see* Ottensmeyer, J. 51815
Rumelhart, D. *see* Franco, H. 73782
Rumi, G. *see* Damele, G. 85387
Rumin, N.C. *see* Nabavi-Lishi, A. 80275
Rumjantzev, A.I. *see* Mirzoeva, L.A. 72290
Rumma, K., Husainova, I. Observation of recombination radiation in semiconductor power devices 91895
Rummel, S. *see* Mrig, L. 90419
Rummert, E. *see* Cichocki, A. 84245
Rumpel, D. *see* Krost, G. 99562
Rumrill, R.H. *see* Boenig, H.J. 83537
Rumrill, R.S. *see* Boenig, H.J. 83537
Rumsewicz, M. On the efficacy of using the transfer-controlled procedure during periods of STP processor overload in SS7 networks 52039
Rumsewicz, M.P. *see* Lipper, E.H. 86129
Rumyantsev, V.D. *see* Andreev, V.M. 50680
Run-De Qi, Tsuji, T., Zi-Jiang Yang, Oguro, R. H_∞ control approach to a magnetic levitation system by 4 points attraction with nonlinear characteristics 69163
Run-Wen Wang *see* Yao Lin 83399
Runde, D. Stereoscopic remote display in video communication 58927
Runde, D. *see* Hopf, K. 96839
Runde, M. *see* Lillevik, O. 89838
Rundquist, D.C. *see* Narayanan, R.M. 59534
Runets, L.P. *see* Emel'yanov, A.P. 63913
Rung-Chiung Yang *see* Lin-Shan Lee 95300
Rung-Heui Liang *see* Ming Ouhyoung 58093
Rung-Huei Liang, Ming Ouhyoung Impromptu conductor: a virtual reality system for music generation based on supervised learning 97738
Rung-Kuang Lo *see* Jurbergs, D. 66292
Runge, A.P. *see* Zhang, Y. 71975
Runge, H. *see* Raney, R.K. 77323
Runge, K. High speed electronics for optical communications 75490
Runge, P.K. Technology for expansion of international communications 86385
Runger, G.C. *see* Montgomery, D.C. 60995
Rungis, J. *see* Sierota, A. 100197
Runguang Sun, Yajun Li, Jie Zheng, Duolu Li, Yi Fan, Lu, A., Xinyi Zhang Non-linear coupling of a C_{60}-Langmuir-Blodgett-film-coated waveguide 72391
Runjie Ying *see* Ying Runjie
Runkler, T., Halgamuge, S., Kothe, R., Glesner, M. Full speed in reverse: vehicle-manoeuvring assistance with fuzzy logic 90620
Runnels, S.R. Feature-scale fluid-based erosion modeling for chemical-mechanical polishing 71351
Runnels, S.R., Eyman, L.M. Tribology analysis of chemical-mechanical polishing 62482
Running Zhang *see* Zhang Running
Runolfsson, O. *see* Allport, P.P. 76752
Runolfsson, O. *see* Anderson, B.E. 88246
Runqi Li *see* Li Runqi
Runthala, D.P. *see* Thakur, D.K. 63031
Runtz, K.J. *see* Toth, J.M. 95436
Runwen Wang *see* Wang Runwen
Runyon, K.R. Applications of an advanced graphics processor 76136
Ruo Feng, Wei Zhang Ultrasonic spectrum characterization for pig's pathological liver tissues 88469
Ruo-Ding Li, Kumar, P., Kath, W.L. Dispersion compensation with phase-sensitive optical amplifiers 52593
Ruo-Peng Wang *see* Bei Zhang 72887
Ruoff, A.L., Huan Luo, Hui Xia, Vanderborgh, C. 5 μm X-ray apertures and their metrology 88333
Ruoff, C.E. MDQ drives results at IBM 90853
Ruohoniemi, J.M. *see* Uspensky, M.V. 67808
Ruokamo, I., Karkkainen, T., Huusko, J., Ruokanen, T., Blomberg, M., Torvela, H., Lantto, V. H_2S response of WO_3 thin-film sensors manufactured by silicon processing technology 66542
Ruokanen, T. *see* Ruokamo, I. 66542
Ruomei Mu, Xiongyan Tang, Peida Ye Bit error rate of optical soliton communication systems with lumped amplifiers and guiding-frequency filters 86495
Ruomei Mu *see* Xiongyan Tang 97263
Ruoping Yao *see* Xuhui Wen 89846
Ruosi, A. *see* Epifani, M. 66369
Ruosi, A. *see* Parlato, L. 88306
Ruotsalainen, K. On the convergence of the collocation method for nonlinear boundary integral equations 69899
Ruotsalainen, T., Kostamovaara, J. A 50-MHz CMOS amplifier channel for a laser radar 58494
Ruotsalainen, T., Kostamovaara, J., Rankinen, R. A low-noise BiCMOS amplifier channel for telecommunications 49191
Ruowei Gu, Yoshizawa, T., Otani, Y. One-step phase shift 3-D surface profilometry with grating projection 87536
Ruoyan Zhai *see* Zhai Ruoyan
Rupar, M.A. *see* Wagner, L.S. 83674
Rupert, A.R. *see* Lawson, B.D. 99060
Rupf, M., Massey, J.L. Optimum sequence multisets for synchronous code-division multiple-access channels 96179
Rupf, N., Tarkoy, F., Massey, J.L. User-separating demodulation for code-division multiple-access systems 74661
Rupinkas, R. *see* Rembold, D. 60093
Rupp, A., Velastin, S.A. A gripper and sensor system for controlled slip and force 87166
Rupp, D.J. *see* Raab, F.H. 55165
Rupp, D.J. *see* Raab, F.H. 97014
Rupp, M. Normalization and convergence of adaptive IIR filters 80478
Rupp, M., Frenzel, R. Analysis of LMS and NLMS algorithms with delayed coefficient update under the presence of spherically invariant processes 51452
Rupp, M., Nissen, M. Power turbines for an energy bonus from diesel engines 78908
Rupp, R.A., Kratzig, E. Volume holography and material characterization by holographic methods 57010
Rupp, R.A. *see* Kohlbrecher, J. 57016
Rupp, R.A. *see* Sugg, B. 83366
Ruppel, C. *see* Bulst, W. 50171
Ruppel, C. *see* Seifert, F. 87153
Ruppel, C.C.W. *see* Rheinfelder, C. 97078
Ruppel, V.W. Compatible transmission of additional information in conventional TV systems 86690
Ruppel, W. *see* Lienhard, D. 66323
Ruppel, W. *see* von Munch, W. 58793
Ruppert, M. *see* Krozer, V. 92533
Ruppert, P., Hommel, D., Behr, T., Heinke, H., Waag, A., Landwehr, G. Molecular beam epitaxial growth mechanism of ZnSe epilayers on (100) GaAs as determined by reflection high-energy electron diffraction, transmission electron microscopy and X-ray diffraction 61288
Rupprecht, H.S., Weimann, G. *(editors)* Gallium Arsenide and Related Compounds 1993. Proceedings of the Twentieth International Symposium on Gallium Arsenide and Related Compounds 90753
Rupprecht, W. *see* Ghavami, M. 65491
Rupprecht, W. *see* Zhao, C.M. 51511
Rupprecht, W. *see* Zimmermann, G. 65700
Ruprecht, J. *see* Jung, P. 75276
Ruprecht, L. *see* Lager, W. 67447
Rupschus, G., Niepraschk, R., Jousten, K., Kuhne, M. Detection of small pressure pulses in an ion pumped ultrahigh vacuum system 98352
Ruqi Li, Spee, R., Wallace, A.K., Alexander, G.C. Synchronous drive performance of brushless doubly-fed motors 78890
Rura, J. *see* Van Fleet, J. 88644
Rus, B., Carillon, A., Gauthe, B., Goedtkindt, P., Jaegle, P., Jamelot, G., Klisnick, A., Sureau, A., Zeitoun, P. Observation of intense soft-X-ray lasing at the J=0 to J=1 transition in neonlike zinc 50724
Rus, B. *see* Jamelot, G. 50729
Rusack, R. *see* Cushman, P. 56538
Rusakov, I.E. *see* Komarov, S.A. 67781
Rusan, V.V. *see* Ivashevskii, S.N. 50563
Rusanov, Ju.A. *see* Jilinsky, A.P. 98025
Rusanov, V.D. *see* Fateev, V.N. 53900
Rusanovich, I.Yu. *see* Alekseev, A.N. 91451
Rusavskii, A.V. *see* Katyukha, V.P. 53256
Rusby, R.L., Hudson, R.P., Durieux, M. Revised values for $(t_{90}-t_{68})$ from 630°C to 1064°C 86959
Rusch, K.D. *see* Demattio, H. 97965
Rusch, L.A., Poor, H.V. Narrowband interference suppression in CDMA spread spectrum communications 58293
Rusch, L.A. *see* Poor, H.V. 86076
Rusch, R.J. The 5ESS-2000 Switch — going small and country 58261
Rusch, R.J. Odyssey, an optimized personal communications satellite system 58358
Rusch, W.V.T. *see* En-Yuan Sun 51079
Ruscheweyh, S. *see* Kurth, G. 79527
Ruschin, S. *see* Keselbrener, M. 72960
Ruschin, S. *see* Meshulach, D. 72414
Ruschman, M. *see* Champion, M. 67071
Ruscu, R. *see* Lazarovici, D. 59231
Rusek, S. Effect of protective device operation on the reliability of substations 60391
Ruser, D. Optimization of beam patterns for acoustic array sensors 67927
Rusetskii, M.S. *see* Varichenko, V.S. 71079
Ruseva, R. *see* Yorgov, V. 64290
Rush, C. *see* Aarons, J. 73337
Rush, C. *see* Bylsma, B. 59179
Rush, C.M. Directions for future telecommunications and information systems 65124
Rush, J.D. *see* MacKenzie, F. 86469

Rush, K. *see* Verspecht, J. 76112
Rush, S., Ford, T. Adopting a particle-monitoring program for hot-liquid baths: a case study 93232
Rusbdi, A.M., Al-Qasimi, A.M. Efficient computation of the PMF and the CDF of the generalized binomial distribution 61085
Rushforth, C.K. *see* Moon, T.K. 85265
Rushforth, C.K. *see* Nasiri-Kenari, M. 51363
Rushforth, C.K. *see* Nasiri-Kenari, M. 84006
Rushinek, A., Rushinek, S.F. Improving profitability with segmented income statements for local area networks 58100
Rushinek, S.F. *see* Rushinek, A. 58100
Rushing, S.A. CO_2 recovery improves cogen plant economics 53907
Rushmeier, H.E., Ward, G.J. Energy preserving non-linear filters 84470
Rushton, A. *see* Abrahams, M.S. 92066
Rushton, P. *see* Green, P. 86705
Rushworth, A. *see* Jones, A.C. 54954
Rusina, V. *see* Ondris, L. 98356
Rusina, V. *see* Trnovec, M. 78323
Rusinek, H. *see* Abele, M.G. 50382
Rusinek, H. *see* Abele, M.G. 73224
Rusinov, A.I. On propagation of plane fronts of normal zone within superconducting winding of magnet 72273
Rusinov, A.I. High precision computation of solenoid magnetic fields by Garrett's methods 82455
Rusjan, B. Comparison of space heating control by means of thermostatic valves with natural control 90673
Ruske, G. Automatic speech recognition methods 64330
Rusli, Silva, S.R.P., Amaratunga, G.A.J. The optical properties of band-gap-modulated diamond-like carbon thin films 71169
Rusnak, B., Spalek, G., Gray, E., DiMarco, J.N., DeHaven, R., Novak, J., Walstrom, P., Zumbro, J., Thiessen, H.A., Langenbrunner, J. Superconducting Multicell Cavity Development Program at Los Alamos 67128
Russ, C., Gieser, H., Egger, P., Irl, S. Compact electro-thermal simulation of ESD-protection elements 81856
Russ, C. *see* Verhaege, K. 82011
Russ, J., Clemen, M., Edelstein, R., Potter, D., Procario, M., Timm, S., Yang, S., Zhang, C., Newsom, C.R. Beam tests of a high resolution silicon vertex detector system with VLSI readout 59135
Russ, J. *see* Bruckner, W. 88025
Russ, P. *see* Rentz, O. 68350
Russ, T. *see* Sibley, C. 60308
Russak, M.A. *see* Mirzamaani, M. 63236
Russak, M.A. *see* Trouilloud, P.L. 63175
Russano, F. *see* Biazzi, R. 52095
Russel, L. *see* Chou, H.C. 100506
Russel, P.St.J. *see* Kamal, A. 82579
Russel, P.St.J. *see* Kazansky, P.G. 87238
Russel, S.J. *see* Sheffield, R.L. 76385
Russell, A.G. *see* Dizon, R. 62473
Russell, B.D. *see* Kim, C.J. 53792
Russell, B.K. Global markets and localization 90856
Russell, C.D. *see* Bishop, G.J. 73331
Russell, C.D. *see* Kersley, L. 73334
Russell, G., Learmonth, D.S. Systematic approaches to testing embedded analogue circuit functions 49567
Russell, G.J. *see* Taylor, K.N.R. 56234
Russell, H.B. *see* Pursley, M.B. 65553
Russell, J.E. *see* Janakiram, V.K. 75217
Russell, J.P. *see* Scott, P.H. 60108
Russell, L., Fieselmann, B., Arya, R.R. Optimization of CIS window layers and scale-up for large area sub-module application 100658
Russell, L. *see* Arya, R.R. 100513
Russell, L. *see* Lommasson, T.C. 90439
Russell, M. A segmental HMM for speech pattern modelling 84078
Russell, M.C., Kern, E.C., Jr. PV array designs for flat-roof buildings 100714
Russell, N.V. *see* Chadwick, A.V. 58889
Russell, P. *see* Jones, G.R. 66122
Russell, P. *see* Petouris, A. 48592
Russell, P.C. *see* Charlton, C.C. 49244
Russell, P.E. *see* Kimball, J.F. 93248
Russell, P.E. *see* Velu, E.M.T. 63179
Russell, P.S.J. *see* Dong, L. 94108
Russell, P.S.J. *see* Pask, H.M. 56731
Russell, P.S.J. *see* Webjorn, J. 56921
Russell, P.St.J., Kazansky, P.G., Kamal, A. Electron implantation—a new technique for creation and modification of second-order susceptibility in glasses 63974
Russell, P.St.J. *see* Archambault, J.L. 63390
Russell, P.St.J. *see* Birks, T.A. 72500
Russell, P.St.J. *see* Kazansky, P.G. 56348
Russell, P.St.J. *see* Kazansky, P.G. 72347
Russell, R. *see* Duffield, N.G. 65001
Russell, R. *see* Duffield, N.G. 65002
Russell, R.A., Parkinson, S. Sensing surface shape by touch 52820
Russell, R.K., Jr. *see* Connolly, K. 96292
Russell, R.R. *see* Bruton, T.M. 100729
Russell, S.D. *see* Shimabukuro, R.L. 63493
Russell, S.J., Carlsten, B.E. Measuring emittance using beam position monitors 76623
Russell, S.J. *see* Nguyen, D.C. 83193
Russell, S.R. *see* Warburton, W.K. 87747
Russell, S.R. *see* Warburton, W.K. 88034
Russell, S.R. *see* Warburton, W.K. 88304
Russell, T. *see* White, M. 67007
Russell, T.C. *see* Nan-Chi Chou 79320
Russell, T.J. Noise reduction techniques used on the high power klystron modulators at Argonne National Laboratory 66827
Russell, T.W.F., Birkmire, R.W., Phillips, J.E., Verma, S., Shafarman, W.N. Chemical process and device analysis of $CuInSe_2$ based solar cell materials 90440
Russell, T.W.F. *see* Verma, S. 100498
Russell, W. Transient voltage suppression solutions 94872
Russell, W. *see* Schlafer, J. 72650
Russenschuck, S., Tortschanoff, T. Mathematical optimization of superconducting accelerator magnets 82495
Russenschuck, S., Tortschanoff, T., Ijspeert, A., Perin, R., Siegel, N. Tracing back measured magnetic field imperfections in LHC magnets by means of the inverse problem approach 76345
Russenschuck, S. *see* Ahlback, J. 82424
Russer, J.A., Hoefer, W.J.R. A TLM algorithm simulator for the visualization of time discrete electromagnetic processes 51154
Russer, P., Isele, B., Sobhy, M., Hosny, E.A. A general interface between TLM models and lumped element circuit models 80657
Russer, P., Righi, M., Eswarappa, C., Hoefer, W.J.R. Lumped element equivalent circuit parameter extraction of distributed microwave circuits via TLM simulation 80656
Russer, P. *see* Fauter, A. 93821
Russer, P. *see* Felgentreff, T. 80711
Russer, P. *see* Fischerauer, G. 75264
Russer, P. *see* Fischerauer, G. 96969
Russer, P. *see* Gungerich, V. 80715
Russer, P. *see* Gungerich, V. 80846
Russer, P. *see* Krumpholz, M. 51001
Russer, P. *see* Krumpholz, M. 57156
Russer, P. *see* Krumpholz, M. 73414
Russer, P. *see* Krumpholz, M. 83590
Russer, P. *see* Krumpholz, M. 83734
Russer, P. *see* Krumpholz, M. 83737
Russer, P. *see* Meier, H. 93834
Russer, P. *see* Muller, G. 82229
Russer, P. *see* Olbrich, G.R. 80845
Russer, P. *see* Rheinfelder, C. 97078
Russer, P. *see* Sobhy, M.I. 49123
Russer, P. *see* Thomann, W. 50577
Russer, P. *see* Thomann, W. 72898
Russer, P. *see* Thomann, W. 82728
Russer, P. *see* Weigel, R. 98376
Russer, P.H. *see* Scholl, G. 93818
Russev, S. *see* Gladkov, P. 87185
Russo, A.A. *see* Valverde, C.R. 59643
Russo, D., Brennan, M., Meth, M., Roser, T. Results from the AGS Booster transverse damper 76482
Russo, D.A., Hansen, D. Micro-tunneling as an alternative to submarine cable 89257
Russo, E., Cavaliere, F., Desiderio, G. A new trend for telescience satellite links 58360
Russo, F. A new class of fuzzy operators for image processing: design and implementation 51683
Russo, F. A totally fuzzy approach to multisensor instrumentation: estimation through data fusion 97775
Russo, F., Ramponi, G. Fuzzy methods for multisensor data fusion 75934
Russo, F., Ramponi, G. Nonlinear fuzzy operators for image processing 84644
Russo, G. *see* Barone, F. 97824
Russo, G. *see* Neri, A. 95790
Russo, J.F. Adaptability of wastewater treatment systems to different aqueous/semi-aqueous cleaning chemistries 81074
Russo, J.F. *see* Dunne, K. 92758
Russo, M. *see* Carpinelli, G. 99413
Russo, M. *see* Catania, V. 49578
Russo, M.V. *see* Caliendo, C. 58671
Russo, P. *see* Alfano, B. 59375
Russo, P. *see* Bandettini, A. 59109
Russo, P. *see* Bandettini, A. 76979
Russo, P. *see* Bencivelli, W. 88436
Russo, P. *see* Bernini, U. 52878
Russo, P. *see* Conti, M. 59206
Russo, P. *see* Conti, M. 59364
Russo, P.Dello *see* Dello Russo, P.
Russo, S. *see* Bencivelli, W. 88436
Russo, S. *see* Conti, M. 59206
Russo, S. *see* Conti, M. 59364
Russo, V. *see* Comer, D. 66075
Russomanno, D.J., Bonnell, R.D., Bowles, J.B. Functional reasoning in a failure modes and effects analysis (FMEA) expert system 54612
Russu, E.V. *see* Slobodchikov, S.V. 49957
Russu, E.V. *see* Slobodchikov, S.V. 93305
Rust, C. *see* Yalamanchili, P. 69570
Rust, C.A., Key, J. Microelectronic packaging technology transfer 54544
Rust, C.A. *see* Lall, P. 55056
Rust, D.R. *see* Allport, P.P. 76752
Rust, U. *see* Tian, F. 75470
Rust, W.D. *see* Bateman, M.G. 88785
Rustagi, S.C. *see* Mohsen, Z.O. 71148
Rustagi, V.K. *see* Janik, D. 86835
Rustako, A.J., Jr. *see* Erceg, V. 75349
Ruster, R. Analysis and interpretation of VHF-radar data 99186
Ruster, R. *see* Steinhagen, H. 99188
Ruster, R. *see* Yoe, J.G. 99187
Rustgi, A.K. Modelling of the glass microelectrode tip 88513
Rusthoi, D.P. *see* Johnson, K.F. 76415
Rusthoi, D.P. *see* Johnson, K.F. 76427
Ruston, D.A., Tetrault, M. Canada's new intellectual property statute: the Integrated Circuit Topography Act 79209
Rusu, A. *see* Ionescu, A.M. 93472
Rusu, C. *see* Imecs, M. 90329
Rusu, C. *see* Vlaicu, A. 74290
Rusu, S. *see* Mehta, A. 54509
Ruszinko, M. On the upper bound of the size of the r-cover-free families 57370
Rutan, S.C. *see* Agbodjan, A.A. 74176
Rutenbar, R.A. *see* Mukherjee, T. 91839
Rutenbar, R.A. *see* Nag, S.K. 91981
Rutenbar, R.A. *see* Ochotta, E.S. 91785
Rutenbar, R.A. *see* Stanisic, B.R. 49574
Ruter, F. *see* Hager, M. 89339
Ruterana, P. *see* Vila, A. 79827
Rutgers, W.R. *see* van der Sluis, L. 90297
Ruth, R.D., Adolphsen, C., Bane, K., Boyce, R.F., Burke, D.L., Calin, R., Caryotakis, G., Cassel, R., Clark, S.L., Deruyter, H., Fant, K., Fuller, R., Heifets, S., Hoag, H., Humphrey, R., Kheifets, S., Koontz, R., Kroll, N.M., Lavine, R.T., Loew, G.A., Menegat, A., Miller, R.H., Nantista, C., Paterson, J.M., Pearson, C., Phillips, R., Rifkin, J., Spencer, J., Tantawi, S., Thompson, K.A., Vlieks, A., Vylet, V., Wang, J.W., Wilson, P.B., Yeremian, A., Youngman, B. The Next Linear Collider Test Accelerator 66791
Ruth, R.D. *see* Berg, J.S. 66927
Ruth, R.D. *see* Hantista, C. 66823
Ruth, R.D. *see* Hoag, H.A. 67100
Ruth, R.D. *see* Thompson, K.A. 87821
Ruth, R.D. *see* Vlieks, A.E. 67011
Ruther, R., Livingstone, J., Dytlewski, N., Cohen, D. Hydrogen incorporation in sputter-deposited, in-chamber annealed amorphous silicon thin films. An infrared and elastic recoil analysis 92975
Rutherfoord, J. *see* Benary, O. 53327
Rutherfoord, J. *see* Benary, O. 98517
Rutherfoord, J. *see* Benary, O. 98640
Rutherford, D.A. *see* MacArthur, D.W. 59113
Rutherford, W.C. Comparative modelling of current gain and cutoff frequency for heterostructure confinement and heterojunction bipolar transistors 71597
Rutkowski, H. *see* Yu, S. 67027
Rutkowski, H.L., Eylon, S., Chupp, W.W. Ion sources for induction linac driven heavy ion fusion 53187
Rutkowski, H.L., Eylon, S., Chupp, W.W. Ion sources for induction linac driven heavy ion fusion 67265
Rutkowski, H.L., Eylon, S., Keeney, D.S., Chen, Y.J., Hewett, D.W., Barnard, J. Ion pulse propagation through a previously unfilled electrostatic aperture lens accelerating column 66802
Rutkowski, J. *see* Ciupa, R. 56535
Rutkowski, P.F. *see* Miskinis, R.A. 82227
Rutkowski, P.W. *see* Agrawel, V.D. 62937
Rutledge, D.B. *see* Bae, J. 80628
Rutledge, D.B. *see* Hacker, J.B. 80709
Rutledge, J.C., Tungthangthum, A. Objective measures for hearing loss compensation techniques 77077
Rutledge, J.L. *see* Buford, J.F. 58045
Rutledge, L. *see* Buford, J.F. 58045
Rutledge, R.A. *see* Patel, A.M. 50334
Rutman, G. *see* Boghosian, H.A. 82489
Rutman, G. *see* Painter, T.A. 82446
Rutsche, E., Kaiserwerth, M. Architectures of multimedia communication subsystems 85754
Rutsche, E. *see* Blum, C. 85464
Rutt, B.K. *see* Chu, K.C. 76965
Rutt, P. *see* Tesarek, R.J. 98504
Ruttkay, Z. *see* Eiben, A.E. 91319
Ruttkay-Nedecky, I. *see* Szathmary, V. 88490
Rutz, M. *see* Bergfried, D. 78983
Ruuskanen, P. *see* Eskelinen, E. 58492
Ruusunen, J. Barter contracts in intertemporal energy exchange 77901
Ruutu, J.P. *see* Alles, H. 58860
Ruvimov, S.S. *see* Kirstaedter, N. 83054
Ruwart, T. *see* Arneson, D. 52126
Ruwen Wang *see* Wang Ruwen
Ruwen Zhao *see* Jifan Hu 71926
Ruwen Zhao *see* Jifan Hu 72000
Ruwiel, G.J. *see* Zagwijn, P.M. 98597
Ruyi Chen, Jiajin Ye, Jihe Zhang, Qingru Luan A new circuit of brushless DC motors for electric locomotives 90604
Ruymbeke, J.V. *see* Barker, T. 96490
Ruyten, W.M. *see* Xiaohang Peng 53523
Ruyten, W.M. *see* Xiaohang Peng 57055
Ruzhang Wang *see* Wang Ruzhang
Ruzicky, E. *see* Jankovic, V. 98767
Ruzinsky, S.A. *see* Alliney, S. 51449

Ruzsa, I.Z. On an inequality of Erdos and Turan concerning uniform distribution modulo one. II 91270
Ruzyllo, J. *see* Hwang, D.K. 93029
Ruzyllo, J. *see* Tieer Gu 55798
Ruzzu, A. *see* Hornung, M. 92920
Rvachev, V.L., Shevchenko, A.N., Veretel'nik, V.V. Numerical integration software for projection and projection-grid methods 79711
Rvachev, V.L. *see* Kravchenko, V.F. 57297
Ryabinov, E.B. *see* Samokhvalov, M.K. 72613
Ryabka, P.M. *see* Ivanov, G.M. 76290
Ryabov, G.A. *see* Kadnikov, B.L. 99939
Ryabov, I.V. *see* Boguta, N.M. 58280
Ryabova, N.V. *see* Boguta, N.M. 58280
Ryabova, N.V. *see* Erukhimov, L.M. 73357
Ryabova, R.V. *see* Aver'yanov, S.G. 83342
Ryabova, R.V. *see* Vorzobova, N.D. 73145
Ryabtsev, G.I. *see* Batai, L.E. 56304
Ryabtsev, G.I. *see* Zhilyakov, S.M. 93879
Ryabtsev, N.I. *see* Kharaz, D.I. 99826
Ryan, A.T., Agrawal, G.P., Gray, G.R., Gage, E.C. Optical-feedback-induced chaos and its control in multimode semiconductor lasers 63793
Ryan, C.A., Tront, J.G. VHDL switch-level fault simulation 91750
Ryan, J. *see* Lee, J. 48782
Ryan, J. *see* Vollmer, B. 61410
Ryan, J.P. *see* McLellan, D.R. 78978
Ryan, L.K., Lockwood, G.R., Bloomfield, T.S., Foster, F.S. Speckle tracking in high frequency ultrasound images with application to intravascular imaging 98770
Ryan, P.A. High-temperature superconductivity for avionic electronic warfare and radar systems 99387
Ryan, P.M., Goulding, R.H., Bhatnagar, V., Kaye, A., Wade, T. Electrical characterization of the JET A_2 antenna: comparison of model with measurements 51272
Ryan, P.M. *see* Goulding, R.H. 51271
Ryan, P.M. *see* Ho, Y.L. 51232
Ryan, R. PCS privacy and authentication implementation challenge 85590
Ryan, R.D. The SCAI Standard 85807
Ryan, R.W. *see* Malik, R.J. 61919
Ryan, T.G., Haney, L.N., Ostrom, L.T. Crucial role of detailed function, task, timeline, link and human vulnerability analyses in HRA 54618
Ryan, T.P. *see* Moskowitz, M.J. 53427
Ryan, T.P. *see* Paulsen, K.D. 53422
Ryan, T.P. *see* Trembly, B.S. 88531
Ryan, T.P. *see* Yeh, M.M. 88536
Ryan, W.A., Shea, T.J., Cerniglia, P., Degen, C.M. A prototype BPM electronics module for RHIC 76490
Ryan, W.A. *see* Cameron, P.R. 76495
Ryang, H.-S. *see* McKie, A.D.W. 99363
Ryasny, I.V. *see* Barabanov, I.R. 59170
Ryassny, V.G. *see* Aglietta, M. 67318
Ryazantsev, A.L. *see* Zhelezovskii, E.E. 49200
Ryazhskaya, O.G. *see* Aglietta, M. 67318
Ryba, M.F. *see* Kaspi, V.M. 66689
Rybak, A.M. *see* Torchinskaya, T.V. 63598
Rybak, D. *see* Goiany, B. 78384
Rybakov, E., Bogatov, N., Dmitrieva, I., Kosyakin, M., Severgin, Yu., Fedorov, V., Shan'gin, V., Chirkov, P., Kozub, S., Myznikov, K., Sychev, V., Rychagov, A., Sytnikov, V., Taran, A. Design and tests of UNK superconducting correction magnet models 76657
Rybakov, V.F. *see* Ziganshina, E.Kh. 59972
Rybakova, N.A. *see* Ryzhkov, A.V. 88782
Rybalko, V. *see* Meshcherov, R. 76379
Rybaltovsky, A.O. *see* Dianov, E.M. 56866
Rybchenko, S.I. *see* Alov, D.L. 94238
Ryberg, B.A. Design for environmental quality: reap the benefits of closing the design loop 54455
Rybicki, G.C., Williams, W.S. Proton irradiation induced defects in Cd and Zn doped InP 92943
Rybin, A.I., Trochimenko, J.K., Radionova, M.V. Analysis of irregular networks using diakoptic modification of admittance matrix inversion 49111
Rybin, A.I. *see* Trokhimenko, Ya. L. 70276
Rybin, V.V. *see* Doroshenko, A.S. 72545
Rybkin, B.I. *see* Antipov, V.V. 53863
Rych, H.-G., Daxbock, W., Aumuller, A. The influence and reaction of the operational performance of a bituminous coal-fired large power station with monitoring through an emission protection plan for SO_2 and NO_2 78434
Rychagov, A. *see* Rybakov, E. 76657
Rychkov, V.A., Ovcharenko, A.A., Yurchenko, O.N., Pavlov, V.B., Skidanov, V.M. A low voltage pulse transistorised transducer 80124
Rycke, I.de *see* de Rycke, I.
Rycroft, J.E. *see* Giblin, P.J. 74227
Rydbeck, B., Saracco, R. EURESCOM TMN framework 52017
Rydberg, A. *see* Bruce, S. 55417
Ryden, D.J. Instruments for monitoring airborne radioactivity 87972
Ryder, D.M. *see* Kouadria, D. 100077
Ryder, D.M. *see* Zhang, Y. 82826
Ryder, R. *see* Macek, R.J. 87829
Ryding, D. *see* Zhibi Wang 87764
Rydler, K.-E., Simonsson, P. High accuracy low-voltage ac-dc transfer standards 86891
Rydler, K.-E. *see* Klonz, M. 86898
Rydler, K.-E. *see* Svensson, S. 87350
Rye, D.A. Affordable video telephony is key to multimedia success 65208
Rye, H.S. *see* Mathies, R.A. 53384
Ryee, J.C. *see* Yong Son 86213
Ryeol Ryu Jang *see* Jang Ryeol Ryu
Ryerson, R.A. *see* Fung, K.B. 77670
Rykalin, V. *see* Chapman, J.W. 59148
Rykalin, V.V. *see* Buyanov, O.V. 98501
Rylander, H.G., III. *see* Jerath, M.R. 59399
Rylander, R. *see* Wenxin Zheng 50489
Rylkov, V.V. *see* Vedeneev, A.S. 55532
Ryl'kov, V.V. *see* Zhdan, A.G. 98257
Rylov, S.V. *see* Bunz, L.A. 93950
Ryl'skaya, L.K. *see* Pertsev, K. 78742
Rymaszewski, E.J. *see* Singh, P.K. 87487
Ryne, R.D. Advanced computers and simulation 87897
Rynkov, A.E., Fedyaev, V.E., Yakovlev, K.N. Estimation of the frequency dependence of the parameters of a model of fading of a mobile communications ultra-shortwave radio channel 64142
Rynne, B.P. Time domain scattering from dielectric bodies 51091
Rynne, B.P. The Hausdorff dimension of sets of points whose simultaneous rational approximation by sequences of integer vectors have errors with small product 69723
Rynne, T.M. *see* Mosher, J.C. 99190
Ryoko, M., Fujino, T., Kubo, M., Itatani, R. An experiment on two-colors discharge display of glass block type 66636
Ryoko, M., Fujino, T., Kubo, M., Itatani, R. A method to control the Hg UV radiation and the luminous color of a pulsed discharge lamp emitting three primary colors 100929
Ryon, D.R. An analysis of two new grounding standards, and their effect on commercial building design and construction 68286
Ryong Yoo Seong *see* Seong Ryong Yoo
Rypinski, C.H. Transmission medium independent access methods for integrated connection and LAN services 52089
Rysdyk, R. *see* Soumekh, M. 88717
Rysiakiewicz-Pasek, E., Roizin, Ya.O., Marczuk, K., Alexeev-Popov, A. Physical properties of organosilicate porous glasses 56298
Ryssel, H. *see* Biro, L.P. 49859
Ryssel, H. *see* Kinomura, A. 49832
Rystrom, L.R., Haralick, R.M., Katz, P.L. Optimal single stage restoration of split beam sonar images via mathematical morphology 65934
Ryu, C. *see* Namkung, W. 67002
Ryu, J.H., Lim, S., Wager, J.F. Alternating-current thin-film electroluminescent devices with multiple dielectric layers 72618
Ryu, J.H. *see* Lim, S. 61381
Ryu, K., Michael, P., Tsukamoto, O., Amemiya, A. Stability of cable-in-conduit internally-cooled superconductor subject to local disturbance-stability analysis based on measured transient heat transfer of SHE in narrow channel 94000
Ryu, K., Tsukamoto, O., Michael, P.C., Amemiya, N. Stability of cable-in-conduit internally cooled superconductors subject to local disturbance 89297
Ryu, K. *see* Amemiya, N. 89294
Ryu, K.S. *see* Byung Chill Woo 97769
Ryu, K.S. *see* Cheol Gi Kim 98302
Ryu, K.S. *see* Kim, C.G. 53030
Ryu, S. 2.5 Gbit/s, 4 channel, 1200 km densely spaced coherent WDM recirculating-loop experiments 75499
Ryu, S., Akiba, S. Eight-wavelength, densely-spaced coherent WDM recirculating-loop experiments at 2.5 Gbit/s over 600 km 86440
Ryu, S. *see* Miyazaki, T. 75416
Ryu, Y. *see* Maas, S.A. 80821
Ryu, Y. *see* Maas, S.A. 92607
Ryu, Y.I., Kim, J.S., Yu, I. Poling and switching behavior of ferroelectric single grains studied by piezoelectric resonance 56124
Ryu Changsup *see* Changsup Ryu
Ryu Choong Il *see* Choong Il Ryu
Ryu Dong Ryul *see* Dong Ryul Ryu
Ryu Heung gyoon *see* Heung gyoon Ryu
Ryu Hwang *see* Hwang Ryu
Ryu Jang Ryeol *see* Jang Ryeol Ryu
Ryu Jon Ha *see* Jon Ha Ryu
Ryu Kangsik *see* Kangsik Ryu
Ryu Kyeong-Keol *see* Kyeong-Keol Ryu
Ryu Yeun Gook *see* Yeun Gook Ryu
Ryul Kim Bong *see* Bong Ryul Kim
Ryul Park Jong *see* Jong Ryul Park
Ryul Ryu Dong *see* Dong Ryul Ryu
Ryvkin, B.S. *see* Desmulliez, M.P.Y. 72433
Ryvkina, G.G. *see* Gorlanov, S.F. 53008
Ryzhak, I.S. A general theory of signals with discontinuous phase and frequency modulation 84342
Ryzhii, V. The bistability effect in resonant-tunnelling phototransistors with multiple quantum well structure 63573
Ryzhii, V. An infrared lateral hot-electron phototransistor 72593
Ryzhii, V. *see* Ershov, M. 55580
Ryzhii, V. *see* Ershov, M. 81178
Ryzhii, V. *see* Ershov, M. 81253
Ryzhii, V. *see* Khrenov, G. 71566
Ryzhii, V. *see* Khrenov, G. 81809
Ryzhii, V. *see* Khrenov, G. 81810
Ryzhii, V. *see* Zakharova, A. 81279
Ryzhkov, A. *see* Zrnic, D.S. 77374
Ryzhkov, A.V., Zhuravlyov, V.B., Rybakova, N.A. Preliminary results of X-band polarization radar studies of clouds and precipitation 88782
Ryzhkov, A.V. *see* Mandel', V.E. 94678
Ryzhkov, A.V. *see* Zrnic, D.S. 77415
Ryzhov, S.Yu. *see* Makarychev, Yu.M. 94752
Rzaev, R.A. *see* Zapolsky, V.N. 66975
Rzakuliev, N.A. *see* Dzhafarov, T.D. 68999
Rzepka, M. *see* Buschhorn, G. 76859
Rzeszut, J. *see* Arabi, K. 92332
Rzezonka, B. *see* Kreutz, R. 76649
Rzhetshizki, A.V. *see* Belolaptikov, I.A. 59156
Rzhevskii, S.V. Monotone ϵ-subgradient method for finding saddle points of convex-concave functions 48813

S, E.Asenjo *see* Asenjo S, E.
S. Zafar H. Jafri *see* Razi-Syed, S. 59342
Sa, J.L.Pinto de *see* Pinto de Sa, J.L.
Sa, R. Telecommunications in Brazil: the role of the private sector 96357
Sa-Nguankotchakorn, S. *see* Kida, T. 64568
Sa-Yoon Kang, Teh-Hua Ju, Lee, Y.C. Thermosonic bonding: an alternative to area-array solder connections 92849
Saab, A. *see* MacNair, D. 100349
Saab, D.G., Saab, Y.G., Abraham, J.A. Iterative [simulation-based genetics + deterministic techniques] = complete ATPG 92143
Saab, D.G. *see* Chung-Hsing Chen 55088
Saab, D.G. *see* Rudnick, E.M. 49295
Saab, D.G. *see* Wehbeh, J.A. 49283
Saab, S.S., Gunnarsson, K.T. Automatic alignment and calibration of an inertial navigation system 65863
Saab, Y.G. *see* Saab, D.G. 92143
Saad, A., Barba, D., El Assad, S. Unsupervised statistical segmentation of polarimetric synthetic aperture radar data using the K-distribution 75546
Saad, M. *see* Chandra, A. 54166
Saad, M. *see* Cyr, J.-M. 90198
Saad, M. *see* Cyr, J.-M. 90199
Saad, O.M. An algorithm for solving a special class of multiobjective integer optimization problems 91331
Saad, R.E. *see* Bonen, A. 87116
Saad, S.M., Nunally, P.O. Communication issues for R&D professionals in the evolving corporate culture 90865
Saadallah, A.F. A quasi-Newton method using a nonquadratic model 91344
Saadane, A. *see* Senane, H. 74536
Saadate, S. *see* Lott, C. 90124
Saadate, S. *see* Xu, J.H. 90115
Saadatmand, K., Arbique, G.M., Guy, F., Haworth, M., Hebert, J., Hurd, J., Lenz, J., Okay, N., Raparia, D. Performance of SSC LINAC injector 76386
Saadatmand, K., Hebert, J.E., Okay, N.C. Performance of the Superconducting Super Collider H^- RF volume ion source and Linac injector 53183
Saadatmand, K. *see* Arbique, G. 76524
Saadatmand, K. *see* Guharay, S.K. 53125
Saadatmand, K. *see* Guharay, S.K. 59042
Saadatmand, K. *see* Guharay, S.K. 76418
Saadatmand, K. *see* Guy, F.W. 76417
Saadatmand, K. *see* Hebert, J.E. 76607
Saadatmand, K. *see* Hurd, J.W. 76440
Saadatmand, K. *see* Hurd, J.W. 76441
Saadatmand, K. *see* Hurd, J.W. 76590
Saadatmand, K. *see* Lenz, J.W. 76529
Saadatmand, K. *see* Raparia, D. 53129
Saadatmand, K. *see* Raparia, D. 59043
Saadatmand, K. *see* Valicenti, R.A. 76525
Saadawi, T.N. *see* Mian, M.S. 52464
Saadawi, T.N. *see* Tarraf, A.A. 85527
Saadawi, T.N. *see* Tarraf, A.A. 85907
Saadawi, T.N. *see* Tarraf, A.A. 96796
Saadawi, T.N. *see* Zarros, P.N. 65457
Saade, J.J. Towards intelligent radar systems 58490
Saadi, J. *see* Berendsen, C.-S. 87165
Saadi, M.W. *see* Karouni, M.A. 86916
Saadoun, M.M.I., Engheta, N. Theoretical study of variation of propagation constant in a cylindrical waveguide due to chirality: chiro-phase shifting 80553
Saakes, M., Mulder, W.H. Investigations of the negative plate of lead/acid cells. III. Model calculations of the impedance of self-similar porous electrodes 68949
Saakyan, D.B. Solution of dilute Derrida model 57355
Saalmahn, O. *see* Ender, J. 58485

Saandar, D., Gunin, D.D. Ecological mapping and evaluation of Mongolian nature based on remote sensing data 67904
Saang Woong Lee *see* Sang Yoon Choi 75379
Saari, J.-M. *see* Seppa, H. 80889
Saarilahti, J. *see* Xia, Z. 71307
Saarinen, J., Honkanen, S., Najafi, S.I., Huttunen, J. Double-ion-exchange process in glass for the fabrication of computer-generated waveguide holograms 64017
Saarinen, P.E. *see* Kauppinen, J.K. 84344
Saario, T. *see* Charny, L. 62341
Saaski, E. *see* Udd, E. 99157
Saatchi, M.R. *see* Jervis, B.W. 98907
Saatchi, S. *see* Moghaddam, M. 77589
Saatchi, S.S., Le Vine, D.M., Lang, R.H. Microwave backscattering and emission model for grass canopies 59536
Saavedra, O. *see* Aglietta, M. 67318
Saavedra, O.R., Garcia, A., Monticelli, A. The representation of shunt elements in fast decoupled power flows 88943
Saavedra, S.S. *see* Lin Yang 50536
Sabada, P. *see* Rashid, E. 92286
Saban, R. *see* Billan, J. 76350
Saban, S.B. *see* Nordquist, P.E.R., Jr. 79764
Sabanovic, A. *see* Radulovic, Z. 99552
Sabanovic, A. *see* Sabanovic-Behlilovic, N. 100293
Sabanovic-Behlilovic, N., Sabanovic, A., Ninomiya, T. PWM in three-phase switching converters—sliding mode solution 100293
Sabata, B., Aggarwal, J.K. Hypergraph based feature matching in a sequence of range images 57767
Sabata, B., Aggarwal, J.K. Surface correspondence and motion computation from a sequence of range images 96078
Sabata, B., Arman, F., Aggarwal, J.K. Convergence of fuzzy-pyramid algorithms 74257
Sabate, J.A. *see* Cho, J.G. 68790
Sabate, J.A. *see* Cho, J.G. 100266
Sabate, J.A. *see* Grajales, L. 68723
Sabater, J. *see* Oton, J.M. 94207
Sabatini, A.M., Di Benedetto, O. Towards a robust methodology for mobile robot localisation using sonar 97475
Sabatini, S.P. *see* Raffo, L. 80538
Sabato, T. *see* Mizone, S. 79306
Sabbadini, D. *see* Rovetta, A. 88527
Sabbagh, J. *see* Bonifazi, C. 88631
Sabbarwal, A., Jandhyala, V., Prasad, S. DCELP: a low bit rate and low delay speech coding method 95331
Sabberwal, S.P. *see* Paul, I.P.S. 89578
Sabberwal, S.P. *see* Prasanna Kumar, C.S. 78994
Sabbi, G.L. *see* Drago, G. 83495
Sabbi, G.L. *see* Manella, A. 72269
Sabbi, G.L. *see* Polak, S. 83522
Sabel, L.P., Cowley, W.G. Performance analysis of decision directed symbol timing estimators with decision errors 57530
Sabel, L.P., Cowley, W.G. Block processing feedforward symbol timing estimator for digital modems 74154
Sabel, L.P. *see* Cowley, W.G. 65495
Sabella, R., Lugli, P., Meglio, D., Alcini, G. Numerical evaluation of bulk electroabsorption modulators transmission performances 82719
Sabert, H., Brinkmeyer, E. Passive birefringence compensation in a frequency comb generator based on a linear fibre optical delay line 58406
Sabert, H., Brinkmeyer, E. Pulse generation in fiber lasers with frequency shifted feedback 86444
Sabetfakhri, K., Katehi, L.P.B. An integral transform technique for analysis of planar dielectric structures 73419
Sabetfakhri, K., Katehi, L.P.B. Analysis of integrated dielectric waveguides using orthonormal wavelet expansions 94912
Sabi, B. *see* Lee, Y.-H. 62999
Sabi, B. *see* Lee, Y.-H. 93414
Sabi, Y. *see* Kaneko, M. 50602
Sabia, N. *see* Andria, G. 97867
Sabido, D.J.M., IX *see* Fong, T.K. 52591
Sabido, D.J.M., IX *see* Fong, T.K. 86461
Sabila, R. *see* Kamasz, S.R. 66471
Sabinin, V.E. *see* Kalyashova, Z.N. 63529
Sabinin, V.E. *see* Kalyashova, Z.N. 73142
Sabio, V., Chellappa, R. Efficient method of target recognition based on spectral correlation of wideband resonance effects 75571
Sabirzhanov, E.R. *see* Bulgakov, A.Yu. 55315
Sabirzyanova, L.D. *see* Krylov, K.R. 92980
Sablatash, M. Transmission of all-digital advanced television: state of the art and future directions 58589
Sablatash, M. Error-control coding, modulation and equalization for all-digital advanced television: state of the art and future possibilities 75727
Sablatash, M. Error-control coding, modulation and equalization for all-digital advanced television: state of the art and future possibilities 97653
Sablatash, M., Cooklev, T., Kida, T. The coding of image sequences by wavelets, wavelet packets and other subband coding schemes 97650
Sablatash, M. *see* Mathiopoulos, P.T. 96596
Sablatash, M. *see* Mathiopoulos, P.T. 97629
Sable, D. *see* Huber, L. 67733
Sable, D. *see* Lindner, D.K. 90331
Sabnani, K. *see* Krishnakumar, A.S. 80370
Sabnis, J.A. *see* Nagaraj, K. 70782
Sabolek, S. Influence of core-currents on magnetization of amorphous ribbons 72029
Sabolek, S. *see* Babic, E. 71953
Sabonnadiere, J.C. *see* Hadjsaid, N. 53649
Sabonnadiere, J.C. *see* Hadjsaid, N. 78191
Sabonnadiere, J.C. *see* Hadjsaid, N. 89066
Sabonnadiere, J.C. *see* Nekhoul, B. 89188
Sabonnadiere, J.C. *see* Quoc, T.T. 89067
Sabonnadiere, J.C. *see* Quoc, T.T. 89068
Sabonnadiere, J.C. *see* Tuan, T.Q. 59776
Sabotinov, N.V., Astadjov, D.N., Dimitrov, K.D., Little, C.E., Vuchkov, N.K. A copper laser with record specific average output power 82909
Sabotinov, N.V. *see* Astadjov, D.N. 72693
Sabotinov, N.V. *see* Vuchkov, N.K. 63647
Sabreen, S.R. Surface treatments for electronic components: solutions for adhesive bonding problems 81064
Sabry, M., Midwinter, J.E. Towards an optical ether [optically routed broadband network] 97286
Saburi, M. Analysis of signal transfer in simultaneously recorded neural signals (local composite vector method using a two step procedure) 67549
Saburi, Y., Koga, Y., Kinugawa, S., Imamura, T., Suga, H., Ohuchi, Y. Short-term stability of laser-pumped rubidium gas cell frequency standard 52747
Saccamango, M.J. *see* Harame, D.L. 61658
Saccas, J. *see* Cossec, R. 60550
Sacchetti, N. *see* Blau, B. 82440
Sacchetti, N. *see* della Corte, A. 82441
Sacchini, J.J. *see* Anderson, B.P. 85073
Sacco, R. *see* Di Giuliomaria, C. 99231
Sacconi, A., Peuto, A., Mosca, M., Panciera, R., Pasin, W., Pettorruso, S. The IMGC volume-density standards for the Avogadro constant 86981
Sacconi, A. *see* Basile, G. 86982
Sacconi, A. *see* De Bievre, P. 86970
Sacepe, B. *see* de Mascureau, J. 67025
Sacerdoti, G. *see* Anagni, F. 66412
Sacha, J.R., Johnson, B.L. A constrained iterative multiple operator deconvolution technique 74017
Sacharowitz, E.U. *see* Hoffmann, T. 79290
Sachdev, M. Transforming sequential logic in digital CMOS ICs for voltage and I_{DDQ} testing 49321
Sachdev, M.S., Sidhu, T.S. A technique for estimating the location of a transmission line shunt fault 99690
Sachdev, M.S., Xianping Liu, Sidhu, T.S. A differential algorithm for protecting parallel-teed transmission lines 99762
Sachdev, M.S. *see* Chattopadhyay, B. 89352
Sachdev, M.S. *see* Sidhu, T.S. 99767
Sachdeva, R., Bellazzini, R., Hall, G., Spezziga, M. Fast electronic readout of microstrip gas chambers 88016
Sachdeva, R., Namburi, N.R. Expert system for project management 69514
Sachenik, P.A. *see* Bhagavatula, V.A. 94129
Sachenko, A. Introduction to the concept of intelligent measurement systems for the nonelectrical quantities 97783
Sacher, E. *see* Evoy, S. 62510
Sacher, E. *see* Meunier, M. 62511
Sacher, E. *see* Meunier, M. 71412
Sachs, E.W. *see* Kelley, C.T. 54735
Sachs, U. *see* Felgenhauer, D. 68153
Sachse, H., Bethe, K. Tandem-photolithography process for thin-film sensors and micromechanics 62023
Sachtjen, S.A. *see* Zhang, D. 98287
Sachtschale, R.J., Dickey, C., Morcombe, P. A novel technique for pulsing magnet strings with a single switch 67187
Sachwitz, M. *see* Adam, A. 88087
Sachwitz, M. *see* Adam, A. 88102
Sachwitz, M. *see* Adriani, O. 88023
Sack, D.A. *see* Olson, L.D. 89712
Sack, E.A. Consumer electronics: an important driver of integrated circuit technology 50060
Sacken, U.von *see* von Sacken, U.
Sacks, A., Bodson, M., Khosla, P. Experimental results of adaptive periodic disturbance cancellation in a high performance magnetic disk drive 56221
Sacks, R.N. *see* Carroll, R.D. 56188
Sacks, T. Cut your losses to the core 68541
Sada, C. *see* Horiuchi, T. 68998
Sadakane, T. *see* Nakao, H. 55045
Sadakuni, S. *see* Sasaki, H. 69242
Sadamoto, M. *see* Tanaka, H. 100525
Sadamoto, M. *see* Tanaka, H. 100602
Sadana, D. *see* Hovel, H. 93638
Sadana, D. *see* Shahidi, G.G. 71797
Sadana, D.K., Acovic, A., Shahidi, G., Hanafi, H., Warren, A.C., Grutzmacher, D., Cardone, F., Sun, J., Davari, B. Enhanced short-channel effects in NMOSFETs due to boron redistribution induced by arsenic source and drain implant 62845
Sadana, D.K., Hovel, H.J., Freeouf, J.L., Chu, S.F., McFarland, P.A., Guerra, M. Material development of SIMOX with a thin box 93637
Sadana, D.K. *see* Ransom, C.M. 55590
Sadana, D.K. *see* Ransom, C.M. 71272
Sadananda, R. Radical novelty in the borderless world; towards teacherless and campus-less learning programmes 69400
Sadananda, R. *see* Mani, N. 93564
Sadasivan, P.K., Narayana Dutt, D. A non-linear estimation model for adaptive minimization of EOG artefacts from EEG signals 76986
Sadat, R. *see* Wu, K. 80772
Sadatomi, K., Iigusa, S., Tsuzuki, S., Yama, H., Takahasi, N., Kobayashi, I. 16-bit single chip microcomputer μPD78P372/78372 61760
Sadaune, V. *see* Burgnies, L. 55607
Sadchikov, K.G. *see* Weinger, A.M. 60518
Saddlemyer, L. *see* Murowinski, R. 58856
Saddow, S.E., Lee, C.H. Scattering parameter measurements on an optoelectronic attenuator 82877
Saddow, S.E. *see* Mazzola, M.S. 55875
Sadeem, S., Sodini, C.G., Lee, H.-S. A 1 mW delta-sigma modulator for multichannel applications 70707
Sadeghi, M. *see* Patterson, M.H. 100466
Sadeghi, M. *see* Sohrabi, M. 88080
Sadeghi, M. *see* Turner, A.K. 100462
Sadeghi, S.H.H., Mirshekar-Syahkal, D. Efficient computer modelling of interaction of field and surface crack in surface magnetic field measurement technique 49036
Sadeghzadeh, R.A., McEwan, N.J. Prediction of head proximity effect on antenna impedance using spherical wave expansions 83807
Sadeghzadeh, R.A., McEwan, N.J., Abrishamian, M.S. Improved modelling of head-antenna interactions using spherical wave expansions 51227
Sadeghzadeh, R.A., McEwan, N.J., Glover, I.A. Simulation of hydrometeor scattered signals effect on communications systems BER 73353
Sadek, D. *see* Grubacic, S. 68613
Sadek, K. *see* Christl, N. 88948
Sadiku, M.N.O., Ajose, S.O., Zhibao Fu Applying the Exodus method to solve Poisson's equation 57189
Sadiq, M., Landers, T.L. Setup and run-time reduction strategies in PCB manufacturing 81034
Sadiq, M., Landers, T.L. Clustering methods for part-slot assignment in electronics assembly 92763
Sadkin, W. *see* Denenberg, L. 73863
Sadler, B.M., Giannakis, G.B. Detection in colored non-Gaussian noise using cumulants 84426
Sadler, B.M., Giannakis, G.B., Keh-Shin Lii Estimation and detection in non-Gaussian noise using higher order statistics 95386
Sadok, D.F.H., Kelner, J. Privacy enhanced mail design and implementation perspectives 96565
Sadot, D. *see* Arnon, S. 86451
Sadot, D. *see* Arnon, S. 97320
Sadoulet, B. *see* Weiss, S.C. 59088
Sadovnikov, A.P. *see* Vikulov, O.V. 86539
Sadovskii, M.D. *see* Busyrev, A.I. 53854
Sadowski, C., Eyink, J. Stochastic simulation results exhibiting non-monotonic behavior 88929
Sadowski, M., Al-Mashhadani, E.M., Szydlowski, A., Czyzewski, T., Glowacka, L., Jaskola, M., Wielunski, M. Investigation on the response of CR-39 and PM-355 track detectors to fast protons in the energy range 0.2-4.5 MeV 59175
Sadowski, N., Lajoie-Mazenc, M., Lefevre, Y., Carlson, R. Finite element simulation of electrical machines fed by voltage inverters 68572
Sadowski, R.W., Digonnet, M.J.F., Pantell, R.H., Shaw, H.J. Sub-microsecond all-optical switching in neodymium-doped fiber 56911
Sadowski, R.W. *see* Davis, M.K. 56909
Sadowsky, J., Massof, R.W. Sensory engineering: the science of synthetic environments 74898
Sadr, G.Hassani *see* Hassani Sadr, G.
Sadra, K. *see* Chih-Hsiang Lin 82704
Sadra, K. *see* Gwo, S. 93228
Sadra, K. *see* Shih, Y.C.A. 55596
Sadrozinski, H. *see* Unno, Y. 98558
Sadrozinski, H.F.-W. *see* Barberis, E. 59063
Sadrozinski, H.F.-W. *see* Barberis, E. 88104
Sadrozinski, H.F.-W. *see* Barberis, E. 98609
Sadrozinski, H.F.-W. *see* Cartiglia, N. 71769
Sadrozinski, H.F.-W. *see* Rahn, J. 98693
Sadrozinski, H.F.-W. *see* Ziock, H.J. 76767
Sadwick, L.P., Zhang, Y.J., Schaeffer, D.J., Holmes, S.G., Petelenz, D.G., Hwu, R.J. Microminiature thermionic vacuum tube diodes 92874
Saechnikov, K.A. *see* Bel'skii, A.M. 56690
Saechnikov, K.A. *see* Bel'skii, A.M. 94617
Saeed, F., George, K.M., Huizhu Lu Image contrast enhancement using fuzzy set theory 96006
Saeed, S.A.M. Measurement of velocity profile at the tip of the impeller of a radial compressor 100432
Saeger, K. *see* Behrens, V. 61984
Saeger, S. *see* Lager, W. 67447

Saegusa, A., Matsubara, H., Tanabe, T., Takagishi, S., Matsumoto, K. Development of a p-type doping technique using the chloride VPE method 93140
Saeki, I. *see* Osawa, H. 85203
Saeki, S. *see* Kume, H. 61738
Saeki, T., Kakehashi, E., Mori, H., Koga, H., Noda, K., Fujita, M., Sugawara, H., Nagata, K., Nishimoto, S., Murotani, T. Design rule relaxation approach for high-density DRAMs 49438
Saeki, T., Nii, T., Nabesima, H. Microwave identification system for high speed vehicles 97044
Saeki, T. *see* Hamada, T. 61733
Saeki, T. *see* Inaba, S. 98669
Saenger, J.F. *see* Sinnecker, J.P. 76171
Saenger, K.L. *see* Ismail, K. 79892
Saenz, A., Clark, N., Niculescu, H., Gielisse, P.J., Moulton, W.G. Size reduction and characterization of a flux gate magnetometer with high T_c superconducting core 52811
Saenz, C., Garcia, E., Klimenko, A., Kuzminov, V., Metlinsky, N., Morales, A., Morales, J., Novikov, V., Nunez-Lagos, R., Ortiz de Solorzano, A., Pomansky, A., Pritytchenko, V., Puimedon, J., Salinas, A., Sarsa, M., Villar, J.A. Results of a search for double positron decay and electron-positron conversion of ^{78}Kr 59159
Saenz, C. *see* Avignone, F.T. 67288
Saeta, P.N., Krol, D.M., DiGiovanni, D.J. Photoinduced second-harmonic generation in Tm-doped fibers 63968
Saeta, P.N., Krol, D.M., DiGiovanni, D.J. The influence of 1064-nm light on $\chi^{(2)}$ gratings at 790/395 nm in Tm-doped fibers 94085
Saether, G. *see* Toumazou, C. 49513
Saez, P., Clendenin, J., Garden, C., Hoyt, E., Klaisner, L., Prescott, C., Schultz, D., Tang, H. High voltage processing of the SLC polarized electron gun 71024
Saez, P.J. *see* Clendenin, J.E. 76743
Saez, P.J. *see* Tang, H. 71025
Saez, P.T. *see* Yeremian, A.D. 76724
Safaai-Jazi, A. A new formulation for the design of Chebyshev arrays 51261
Safak, A. Optimal channel reuse in cellular radio systems with multiple correlated log-normal interferers 65656
Safar, G.A.M. *see* de Oliveira, A.G. 48919
Safar, Y.A., Salama, M.H., Mahmoud, M.S. Interactive minimization scheme of copper loss in induction motors by capacitive effect 68625
Safari, A. Development of piezoelectric composites for transducers 82148
Safari, A. *see* Kosinski, J. 56162
Safari, A. *see* Lee, J. 71856
Safari, A. *see* Soon-Gil Yoon 79821
Safari, A. *see* Tahan, D.M. 54935
Safari, A. *see* Vierheilig, A. 63074
Safari, A. *see* Liu, M. *(editor)* 48561
Safarov, N.A. *see* Abdullaev, G.B. 60461
Safavi, S., Lopes, L.B. Simple non-coherent equaliser for the DECT system 58338
Safavi-Naini, S. *see* Hatami-Hanza, H. 82594
Saffari, H. *see* Kuwabara, M. 63184
Saffarian, H.M. *see* Arroyo, J.C. 63219
Saffman, M., Montgomery, D., Anderson, D.Z. Collapse of a transverse-mode continuum in a self-imaging photorefractively pumped ring resonator 50925
Safieh, J. *see* Chipaux, R. 67300
Safinia, C., Leveugle, R., Saucier, G. Taking advantage of high level functional information to refine timing analysis and timing information 49319
Safiulina, S.S. *see* Agalakov, Yu.G. 82552
Safonov, I.B. Reflection of electromagnetic waves from an inhomogeneous absorbing semiconducting layer with an ideally conducting screen 51071
Safonov, L.P. *see* Prutkovskii, E.N. 89702
Safonov, V.I. *see* Goosev, I.V. 94640
Safonova, M.A. *see* Anishchenko, V.S. 61596
Safran, M. *see* Goldberg, Y. 85611
Safran, M. *see* Goldberg, Y. 96562
Safranek, J., Krinsky, S. Plans to increase source brightness of NSLS X-ray ring 67206
Safranek, J., Krinsky, S. Coupling correction using closed orbit measurements 98414
Safranek, J., Lee, M. Calibration of the X-ray ring quadrupoles, BPMs, and orbit correctors using the measured orbit response matrix 98410
Safranek, J. *see* Chung, Y. 76478
Safronnikov, S.A. *see* Burov, D.V. 89656
Safronov, A.G. *see* Ikramov, A.V. 82790
Safronov, A.G. *see* Ikramov, A.V. 83218
Safronov, A.L. *see* Ageichik, A.A. 73103
Safronov, G. *see* Chen, M. 67349
Safronov, L.N. *see* Kuryshev, G.L. 55708
Safronov, S.V. *see* Volkov, E.P. 53913
Safwat, H.H., Arastu, A.H., Morcos, N.W. Expert system for water hammer diagnosis in nuclear power plants 68388
Saga, K. PECC Triple-T Port (Teleport) for developing economies second phase report: Case studies 96319
Saga, S., Kunieda, M., Tenman, Y. Development of the electromagnetic force sensor for detecting normal directions of curved surfaces 87505
Saga, S., Makino, H. Fuzzy spline interpolation and its application to online freehand curve identification 48844
Saga, T. *see* Hisamatsu, T. 100452
Saga, T. *see* Washio, H. 99102
Saga Chang, Sin-Horng Chen A segment-based speech recognition system for isolated Mandarin syllables 84171
Sagae, K. *see* Ishihara, T. 92889
Sagae, M. *see* Sato, E. 67498
Sagae, M. *see* Sato, E. 67499
Sagae, M. *see* Shikoda, A. 59219
Sagae, M. *see* Takahashi, K. 81160
Sagalovsky, L., Delayen, J.R. Alternating-phase focusing with amplitude modulation 67039
Sagalovsky, L. *see* Delayen, J.R. 67081
Sagalovsky, L. *see* Delayen, J.R. 76302
Sagan, D. Single beam effects due to errors in crab compensation 66854
Sagan, D. Beam-beam effects with errors in the crab compensation 87800
Sagan, D. *see* Chen, T. 87802
Sagar, D.R. *see* Malik, M.A. 71125
Sagar, V., Jacyna, G.M., Szu, H. Block-parallel decoding of convolutional codes using neural network decoders 83947
Sagara, S. *see* Harada, Y. 90190
Sagara, S. *see* Uchida, M. 89581
Sagawa, M., Hiramoto, K., Toyonaka, T., Shinoda, K., Uomi, K. High power COD-free operation of 0.98 μm InGaAs/GaAs/InGaP lasers with noninjection regions near the facets 83052
Sagawa, M. *see* Sakai, H. 80870
Sagawa, T. *see* Shikama, T. 82598
Sagayama, S. *see* Kita, K. 51387
Sagayama, S. *see* Kosaka, T. 84093
Sagayama, S. *see* Nagai, A. 73865
Sagayama, S. *see* Singer, H. 51379
Sagayama, S. *see* Singer, H. 84033
Sagdeev, I.R., Drukier, A.K., Welsh, D.J., Klimenko, A.A., Osetrov, S.B., Smolnikov, A.A. Pulse shape analysis for germanium detectors used in DM searches 59153
Sagdeev, R. *see* Ahlen, S. 98641
Sagdeev, R.Ya. *see* Azovsky, V.V. 56634
Sage, G.P.Le *see* Le Sage, G.P.
Sage, J. *see* Arbique, G. 76524
Sage, J. *see* Hebert, J.E. 76607
Sage, J. *see* Yao, C.Y. 76596
Sage, K.H., Wickham, K.M., Boyce, J.F., Gornall, S.J., Toulson, D.L. Estimating performance limits for an intelligent scene monitoring system (ISM) as a perimeter intrusion detection system (PIDS) 95893
Sage, M.G., Gross, D.R. Trends in MCM and electronics assembly 54500
Sageev, P., Ortiz, B., Grunert, W., Smaczniak, A. Industry mentors in a technical communications program 90818
Sager, C. *see* Katz, B. 71491
Sager, K., Gerlach, G., Schroth, A. A humidity sensor of a new type 58697
Sager, K. *see* Gerlach, G. 58675
Sager, K. *see* Gerlach, G. 66247
Sager, K. *see* Winkler, J. 75942
Sager, M.A. *see* Ahner, D.J. 78463
Sager, R.E. *see* Hibbs, A.D. 82395
Sageshima, M. *see* Kikuchi, K. 59343
Saggio, G. *see* Caliendo, C. 93734
Saghri, J.A., Tescher, A.G., Reagan, J.T. Three-dimensional transform coding of multispectral data 96089
Sagisaka, Y. Recent advances in Japanese speech synthesis research 95298
Sagisaka, Y. *see* Wang, W.J. 73878
Sagnes, G. *see* Rouzeyre, B. 49328
Sagnes, I., Campidelli, Y., Badoz, P.A. The Ir/Si/$ErSi_2$ tunable infrared photoemission sensor 75989
Sagnes, I., Campidelli, Y., Chevalier, F., Badoz, P.A. Tunable internal photoemission sensor using silicide/silicon heterostructures 97996
Sagnes, I., Renard, C., Badoz, P.A. Tunable infrared photoemission sensor on silicon using SiGe/Si and silicide/Si epitaxial layers 66361
Sagnes, I. *see* Warren, P. 93099
Sagrario, D. *see* Chang, C.C. 98073
Sagrestani, V. *see* Lipp, W. 67940
Saguet, P. *see* Ke Wu 70918
Saguet, P. *see* Ndagijimana, F. 55059
Sah, R.E. *see* Ralston, J.D. 83163
Sah Chi-Tang *see* Chi-Tang Sah
Sah Wen-Jyh *see* Wen-Jyh Sah
Saha, A., Krishnamurthy, R. Some design issues in multi-chip FPGA implementation of DSP algorithms 70572
Saha, D., Dhar, P. Conversion between computer network protocols using graph matching technique 57968
Saha, D., Mukherjee, A., Dutta, S.K. Design of computer communication networks under link reliability constraints 85688
Saha, D., Saksena, M.C., Mukherjee, S., Tripathi, S.K. On guaranteed delivery of time-critical messages in DQDB 65316
Saha, D. *see* Chao, H.J. 74722
Saha, D. *see* Tran, H. 74729
Saha, H. *see* Datta, S.K. 90385
Saha, P.K., Chaudhuri, B.B. Detection of 3-D simple points for topology preserving transformations with application to thinning 95720
Saha, S. Extraction of substrate current model parameters from device simulation 71558
Sahab, S. *see* Huotari, R. 69827
Sahalos, J.N. *see* Diamandi, I. 94782
Sahalos, J.N. *see* Kyriacou, G.A. 83847
Sahani, V. *see* Shankar, G. 48728
Sahani, V. *see* Shankar, G. 60875
Sahara, H. *see* Tohyama, S. 98089
Sahara, M. *see* Kyomasu, M. 97994
Sahara, R., Morito, K., Soda, H. Engineering of barrier band structure for electroabsorption MQW modulators 56416
Sahari, J. *see* Sopian, K. 100784
Sahashi, M. *see* Sato, T. 72197
Sahasrabudhe, S.C. *see* Kulkarni, A. 74428
Sahay, A.K. *see* Singh, R.N. 58842
Sahay, P.P., Shamsuddin, M., Srivastava, R.S. X-ray irradiation effects on Ni/n-Si MIS Schottky barriers $\simeq$ a qualitative assessment 71245
Sahaya Rosilda, L.Gnana *see* Gnana Sahaya Rosilda, L.
Sahin, A.Z. *see* Yilbas, B.S. 58805
Sahin, A.Z. *see* Yilbas, B.S. 83407
Sahin, H. *see* Kuhn, W.S. 69942
Sahin, S., Kennel, E.B. Hybrid thermionic space reactors for power and propulsion 78329
Sahiner, B., Yagle, A.E. On the use of wavelets in inverting the Radon transform 59311
Sahiner, B., Yagle, A.E. A fast algorithm for backprojection 59324
Sahinoglou, H. *see* Kondis, L. 76907
Sahlen, O. Optimization of DFB lasers integrated with Franz-Keldysh absorption modulators 75459
Sahlen, O. *see* Djupsjobacka, A. 97349
Sahni, S. *see* Thanvantri, V. 91831
Sahnow, D.J., Feldman, P.D., McCandliss, S.R., Mackey, E.F. Two-dimensional intensified photodiode array detector for spaceflight use 52941
Sahoo, N.K., Banerjee, S. Modified BSIM for submicrometer MOS transistor 93392
Sahota, P., Daemi, M.F., Elliman, D.G. Training genetically evolving cellular automata for image processing 96110
Sahota, T. *see* Jianping Li 88467
Sahr, J.D. *see* Uppala, S.V. 75620
Sahraian, M. *see* McCloskey, T. 68546
Sahri, N. *see* Minot, C. 62281
Sahu, C. *see* Saxena, S.C. 97890
Sahu, D. *see* Natarajan, S. 50097
Sahu, S.K. *see* Murakami, A. 59080
Sai, F. *see* Sueoka, K. 71059
Sai, M. *see* Ishimaru, K. 71784
Sai, M. *see* Matsuoka, F. 92220
Sai Chung Myung *see* Myung Sai Chung
Saia, R.J. *see* Forman, G.A. 90999
Saichev, A.I. *see* Gribova, E.Z. 83696
Said, R.A., Bridges, G.E., Thomson, D.J. Noninvasive scanned probe potentiometry for integrated circuit diagnostics 60940
Said, R.A., Mittal, M., Bridges, G.E., Thomson, D.J. High frequency potential probe using electrostatic force microscopy 93562
Saida, H. *see* Imaizumi, S. 51381
Saida, T. *see* Wen Ma 100592
Saidi, A. Efficient computation of the large DFT and DCT coefficients 84267
Saidi, A. *see* Poloniecki, J.G. 53068
Saidi, H., Min, P.S., Hegde, M.V. Guaranteed cell sequence in nonblocking multi-channel switching 64974
Saidi, K., Seguinot, C., Pribetich, P., Kennis, P. Characterization of crossing strips laid on a semiconducting substrate using the transverse resonance method 55418
Saidi, Z., Boned, C., Baylaucq, A., Xans, P. Development of an apparatus for measuring electrical conductivity in liquids under pressure 76145
Saidy, M., Hughes, F.M. First order predictive excitation control for generator terminal voltage 53999
Saied, M.M. Effect of transformer sizes and neutral treatments on the electromagnetic transients in transformer substations 68921
Saied, M.M. *see* Abdul-Rahman, K.H. 68003
Saied, M.M. *see* Oufi, E.A. 78114
Saiedian, H., Awad, M. A model to support synchronization in Multimedia On-Demand systems 96738
Saiedian, H., Winslade, J. An interface for acquisition, manipulation and distribution of mail and news messages as objects 96568
Saiedian, H. *see* Farhat, H. 92140
Saiedian, H. *see* Vaughn, R.B. 85738
Saifi, M.A. *see* Mizuguchi, H. 94097
Saiga, M. *see* Ozawa, Y. 78450
Saigaa, D. *see* Chikouche, D. 70744
Saigal, R. *see* Soltanian-Zadeh, H. 53378
Saigoh, H. *see* Yumiba, H. 85678
Saijo, H. *see* Koseki, K. 70172
Saikai, K. *see* Miyata, T. 72577
Saikawa, S. *see* Tanaka, H. 75868
Saiki, A., Oshio, R., Suzuki, M., Tanaka, A., Itoga, T., Yamanaka, R. Development of

ammonia adsorption filter and its application to LSI manufacturing environment 62438
Saiki, S., Usuki, S., Koura, S., Honda, K. Low distortion loudspeaker 75787
Saiko, V.G., Artem'ev, A.V., Fedyaev, V.Ye. State of the art and the prospects for the development of dipole antennas with reactive inserts. An overview 57251
Sailasuta, N. *see* Webb, P.G. 67529
Saile, V. *see* Zhe Qu 88290
Sailer, A. *see* Cheskis, D. 63035
Sailer, M. *see* Rickus, E. 81102
Saillard, J. *see* Lakkis, I. 65869
Sailor, T. *see* Engler, M.J. 77042
Sailors, D.B. The probable cause of a discrepancy in the CCIR report 322-3 radio noise model 83714
Saimanohara, A. *see* Hnaefa, V.P. 75602
Saimoto, S. *see* Clarke, A.P. 62542
Sain, M. *see* Lakshmi, D.R. 58551
Sain, M. *see* Lakshmi, D.R. 97020
Sainctavit, P. *see* Lefebvre, D. 88337
Saini, A. An overview of the Intel Pentium processor 70583
Saini, S., Kurrat, R., Prenosil, J.E., Ramsden, J.J. Temperature dependence of pyrolysed sol-gel planar waveguide parameters 63444
Saino, K. *see* Kimata, M. 54860
Sainov, S. Optical sensor based on total internal reflection diffraction grating 97916
Sainson, S. *see* Bouadma, N. 94304
Sainson, S. *see* Bruckner, H.J. 72905
Saint, G. *see* Faizoun, C.A. 77292
Saint, G. *see* Viovy, N. 77722
St. Amour, A. *see* Sturm, J.C. 63554
St. Clair, D.C. *see* Bond, W.E. 99068
St. Clair, D.C. *see* Dooley, J.F. 48764
St. John, A.N. Survey of recent voltage sag papers from 'around the world' 53609
St. John, T. *see* Becker, C. 53608
St. John, T. *see* Becker, C. 68022
St. John, T. *see* Becker, C. 88965
St John James, R.P. The EMC development of a disk storage system 51128
St. Onge, G.F. Fixture technology update—hitting small test targets 81063
St. Ville, L.J., Nuttall, C.L., Walland, P.W., Newell, J.C., Oliphant, A., Cannell, G.J., Bunney, C., Laude, J.P., Le Roux, P., Anson, M.J. Developments in WTDM technology for high-capacity optical studio networks 97300
St. Ville, L.J. *see* Croston, I.R. 75407
Saint-Jacques, R.G. *see* Guelton, N. 79829
Saint-Laurent, M.G. *see* Fomichev, A.S. 53328
Saint-Martin, X., Messal, R. Manufacturing yield forecasting in high density wire bonding 81117
St.-Maurice, J.-P., Prikryl, P., Danskin, D.W., Hamza, A.M., Sofko, G.J., Koehler, J.A., Kustov, A., Chen, J. On the origin of narrow non-ion-acoustic coherent radar spectra in the high-latitude E region 59543
Saint-Milon, J.L.Le *see* Le Saint-Milon, J.L.
Saint-Paul, M. *see* Hurwitz, J.E.D. 85596
Saint-Pe, O. *see* Cesarsky, C.J. 52955
St.-Pierre, C. *see* Larochelle, Y. 87990
Saint-Pierre, R. *see* Peterson, W.A. 54079
Saint-Pierre, R. *see* Peterson, W.A. 68801
Saintignon, P.de *see* de Saintignon, P.
Sainz, C., Jourdain, P., Escalona, R., Calatroni, J. Real time interferometric measurements of dispersion curves 98332
Sairamesh, J., Sohraby, K., Yemini, Y. An approach to modelling and simulation of complex slotted systems with applications to metropolitan area networks 85854
Sairanen, O.-P. *see* Aksela, S. 53357
Saishi, M. *see* Toyokura, M. 92281
Saissy, A. *see* Maurice, E. 63422
Saissy, A. *see* Monnom, G. 94390
Sait, S.M. *see* Ali, S. 91727
Saiti, P., Poltarzewski, Z., Alderucci, V., Maggio, G., Giordano, N. Solid polymer electrolyte fuel cell (SPEFC) research and development at the Institute CNR-TAE of Messina 60425
Saito, A., Ito, N., Kumura, J., Kuriyama, T. An ISFET glucose sensor with a silicone rubber membrane for undiluted serum monitoring 98122
Saito, A., Kuwata, K., Yamamoto, K. Application of amorphous ribbon as a stress sensor 63163
Saito, A. *see* Chen, G. 48777
Saito, C. *see* Muto, N. 61436
Saito, E. *see* Komiyama, C. 98955
Saito, F. *see* Kikuma, N. 65666
Saito, G., Kagawa, M., Obata, A., Ishikawa, Y., Hamada, H. 52-2,488 Mbit/s SDH/SONET analyzer 97333
Saito, H. A proposal for a structural 4-byte code based on the Daikanwa-dictionary index number 73741
Saito, H. A future traffic-dimensioning method: a nonparametric approach for cell loss-rate evaluation 85224
Saito, H., Asaka, T. Traffic aspect of personal telecommunications in intelligent networks 65472
Saito, H., Kosaka, H., Sugimoto, M., Ogura, I., Kasahara, K., Sugimoto, Y. Integration of vertical-cavity surface-emitting devices by molecular beam epitaxy regrowth 94554
Saito, H., Nakajima, M. Shift variant blind deconvolution for blurred binary image 74531
Saito, H., Usami, K. Shape from shading using genetic algorithm 95942
Saito, H., Yamanaka, H., Yamada, H., Tuzuki, M., Kondoh, H., Matsuda, Y., Oshima, K. Multicast function and its LSI implementation in a shared multibuffer ATM switch 65523
Saito, H. *see* Ebina, K. 56610
Saito, H. *see* Fukui, T. 70164
Saito, H. *see* Hara, M. 82123
Saito, H. *see* Hashimoto, S. 64718
Saito, H. *see* Ibukiyama, T. 79587
Saito, H. *see* Kawamura, Y. 96159
Saito, H. *see* Kobayashi, N. 51610
Saito, H. *see* Kobayashi, N. 74530
Saito, H. *see* Niimura, N. 98529
Saito, H. *see* Onuki, T. 51006
Saito, H. *see* Sakata, S. 82927
Saito, H. *see* Sugii, M. 50902
Saito, H. *see* Togawa, T. 76970
Saito, H. *see* Watanabe, H. 72041
Saito, H. *see* Yamanaka, H. 75161
Saito, H. *see* Yoneta, M. 71301
Saito, I. *see* Shimokawa, R. 100578
Saito, K. Photoelectric properties in merocyanine ultra thin films prepared by Langmuir-Blodgett method 63550
Saito, K., Higashi, Y., Amazawa, T., Arita, Y. Reaction and film properties of selective titanium silicide low-pressure chemical vapor deposition 70135
Saito, K., Noguchi, S., Kako, E., Ono, M., Shishido, T., Tajima, T., Matsuoka, M., Miwa, H., Suzuki, T., Umezawa, H. L-band superconducting cavities at KEK for TESLA 67129
Saito, K., Sakurai, Y., Okayama, T. Study on stabilized zero-point of electromagnetic flowmeter with rapid excitation 97942
Saito, K., Shinya, K., Miyazawa, E. Magnetic properties of silicon steel plate excited with distorted wave voltage 63253
Saito, K., Yokoyama, H. Control of electron state in organic semiconductor by substituent groups 72563
Saito, K. *see* Arai, E. 55700
Saito, K. *see* Fukuda, T. 61396
Saito, K. *see* Hattori, T. 93249
Saito, K. *see* Kamikado, T. 88565
Saito, K. *see* Kishiro, J. 66800
Saito, K. *see* Niwano, M. 61335
Saito, K. *see* Sugi, M. 61502
Saito, K. *see* Tazawa, S. 62490
Saito, K. *see* Yamamoto, K. 59131
Saito, M., Hirai, N. Rohm produces, develops applications for LCDs, LEDs, plasma display panels 98200
Saito, M., Shibasaki, M., Nakamura, S., Miyagi, M. Optical waveguides fabricated in anodic alumina films 56386
Saito, M., Yamaoka, N., Miyazaki, K., Kinoshita, M., Abe, Y. Boiling two-phase flow under microgravity 53519
Saito, M., Yoshitomi, T., Ono, M., Akasaka, Y., Nii, H., Matsuda, S., Momose, H.S., Katsumata, Y., Ushiku, Y., Iwai, H. An SPDD p-MOSFET structure suitable for 0.1 and sub 0.1 micron channel length and its electrical characteristics 62850
Saito, M. *see* Bisaka, Y. 96747
Saito, M. *see* Fiegna, C. 62791
Saito, M. *see* Hisamoto, D. 55988
Saito, M. *see* Hisamoto, D. 62844
Saito, M. *see* Inaba, S. 98669
Saito, M. *see* Mori, M. 98241
Saito, M. *see* Nishimura, T.H. 88558
Saito, M. *see* Ohguro, T. 93405
Saito, M. *see* Ono, M. 71674
Saito, M. *see* Ono, M. 93394
Saito, M. *see* Takano, K. 63535
Saito, M. *see* Terada, H. 99005
Saito, M. *see* Usuki, T. 62637
Saito, M. *see* Yoshitomi, T. 71679
Saito, N. Simultaneous noise suppression and signal compression using a library of orthonormal bases and the minimum description length criterion 57583
Saito, N. *see* Chiba, N. 64603
Saito, N. *see* Muraoka, K. 64602
Saito, O. *see* Yamauchi, J. 56381
Saito, R. *see* Kimura, T. 71312
Saito, S., Aminaka, E., Tsutsui, T., Era, M. Progress in organic electroluminescent materials and device structures 72571
Saito, S., Nishikawa, Y., Onomura, M., Parbrook, P.J., Ishikawa, M., Hatakoshi, G. Surface preparation effects for molecular beam epitaxial growth of ZnSe layers on InGaP layers 54915
Saito, S., Suzuki, T., Hirashima, K., Shiroyanagi, Y. Large-capacity small-sized magnetic disk subsystem with increased system reliability 82280
Saito, S., Yamamoto, R., Miyagawa, H., Hiromori, T. Solid insulation techniques for GIS 90219
Saito, S. *see* Aminaka, E. 50685
Saito, S. *see* Era, M. 72617
Saito, S. *see* Hashimoto, Y. 58916
Saito, S. *see* Ichikawa, Y. 100609
Saito, S. *see* Kuriyama, T. 50266
Saito, S. *see* Naka, A. 50767
Saito, S. *see* Nishikawa, Y. 48941
Saito, S. *see* Rennie, J. 63601
Saito, S. *see* Shibata, O. 83858
Saito, S. *see* Takada, N. 72625
Saito, S. *see* Takasu, N. 68685
Saito, S. *see* Tarusawa, Y. 55155
Saito, S. *see* Ushirogouchi, T. 81630
Saito, T. An evolving scenario of communication network towards b-ISDN 52227
Saito, T., Aida, H., Kawaguchi, Y. Protection against Trojan horses by source code analysis 85649
Saito, T., Hidaka, N., Ohashi, Y., Shimura, T., Aoki, Y. 60-GHz MMIC downconverter using an image rejection active HEMT mixer 80786
Saito, T., Jinbo, H., Takushima, K., Ashida, I., Tanaka, Y. Continuous phase transitions fabricated by subtractive process 62584
Saito, T., Toriwaki, J.-I. New algorithms for Euclidean distance transformation of an n-dimensional digitized picture with applications 95803
Saito, T., Yano, Y., Henmi, N. Optical TDM 20 Gb/s-105 km transmission employing newly proposed optical PLL timing extraction 52599
Saito, T. *see* Aizawa, K. 84971
Saito, T. *see* Baba, K.-i. 96468
Saito, T. *see* Baba, K.-i. 96792
Saito, T. *see* Cha Keon Cheong 84929
Saito, T. *see* Cheong, C.K. 84991
Saito, T. *see* Esaki, H. 52155
Saito, T. *see* Fiegna, C. 71693
Saito, T. *see* Henmi, N. 97337
Saito, T. *see* Kamishima, Y. 65493
Saito, T. *see* Kasahara, H. 89784
Saito, T. *see* Kobayashi, T. 55317
Saito, T. *see* Kudo, H. 64710
Saito, T. *see* Kuroda, T. 65639
Saito, T. *see* Mikami, Y. 53000
Saito, T. *see* Mitsubori, K. 80161
Saito, T. *see* Nagata, H. 56423
Saito, T. *see* Nagata, H. 63417
Saito, T. *see* Ohno, K. 50208
Saito, T. *see* Takahara, M. 52097
Saito, T. *see* Takemasa, E. 84744
Saito, T. *see* Watanabe, K. 82313
Saito, T. *see* Watanabe, S. 95778
Saito, U. *see* Fukuda, S. 67166
Saito, Y., Anami, S., Michizono, S., Matuda, N., Kinbara, A., Kobayashi, S. Breakdown of alumina RF windows and its inhibition 93696
Saito, Y., Hirose, M., Ikawa, Y. Threshold voltage topograph observations of low dislocation GaAs wafers and semi-insulating wafers by metal-semiconductor field-effect-transistor array 81985
Saito, Y., Kin-Pui Chan, Killinger, D.K. Development of an eye-safe lidar system using a 2.1 μm Ho laser 65930
Saito, Y. *see* Chen, C.H. 80708
Saito, Y. *see* Doi, T. 61440
Saito, Y. *see* Doi, T. 70195
Saito, Y. *see* Hata, K. 92870
Saito, Y. *see* Hayano, S. 76159
Saito, Y. *see* Kobayashi, S. 92855
Saito, Y. *see* Marinova, I. 61439
Saito, Y. *see* Matsuo, M. 92259
Saito, Y. *see* Sekimoto, Y. 67333
Saito, Y. *see* Yamaguchi, H. 85895
Saitoh, A. *see* Igarashi, R. 76831
Saitoh, G., Sasaki, N., Hasegawa, E. Reliability of liquid crystal compounds: evaluation of stability and prediction by molecular orbital calculation 82746
Saitoh, H., Mima, H., Ishiguro, T., Ichinose, Y. Role of accelerated electrons in diamond formation processes during electron-assisted chemical vapor deposition 70087
Saitoh, H. *see* Aghamohammadi, M.R. 68137
Saitoh, H. *see* Masumura, Y. 63674
Saitoh, H. *see* Nomoto, K. 100585
Saitoh, K. *see* Murata, M. 93758
Saitoh, K. *see* Oyama, K. 61728
Saitoh, M. *see* Yamada, A. 82628
Saitoh, M. *see* Yamada, M. 73118
Saitoh, R. *see* Kurihara, Y. 79978
Saitoh, S., Ikeda, N. Present status and future of driver LSI 87389
Saitoh, S. *see* Arimoto, A. 64044
Saitoh, S. *see* Hashimoto, S. 76912
Saitoh, T., Kamataki, O., Uematsu, T. Optimization of antireflection film structures for surface-passivated crystalline silicon solar cells 56509
Saitoh, T., Nishimoto, Y., Hasegawa, H. Measurement of surface recombination velocity of silicon wafers under sunlight condition by novel photoluminescence surface state spectroscopy 94251
Saitoh, T. *see* Akiyama, Y. 68995
Saitoh, T. *see* Kobayashi, T. 94028
Saitoh, T. *see* Miyazaki, M. 50098
Saitoh, T. *see* Mizomata, Y. 93915
Saitoh, T. *see* Sugawara, M. 75728
Saitoh, T. *see* Tamura, M. 48928
Saitoh, T. *see* Tanaka, Y. 88627
Saitoh, T. *see* Uematsu, T. 100484
Saitoh, T. *see* Uematsu, T. 100570
Saitoh, T. *see* Weegels, L.M. 55739
Saitoh, T. *see* Yamanoi, T. 58659

Saitoh, T. *see* Yodo, T. 79807
Saitoh, T. *see* Yoshioka, K. 100566
Saitoh, Y., Akiba, T., Konishi, H., Watanabe, H., Nonaka, K., Kamiya, M., Tsuboyama, T., Miura, T. Radiation damage of 1.0 mm CMOS VLSI as a function of latchup immunity 71780
Saitoh, Y., Tajima, S., Takada, I., Mizuhashi, K., Uno, S., Ohkoshi, K., Ishii, Y., Kamiya, T., Yotumoto, K., Tanaka, R., Iwamoto, E. TIARA electrostatic accelerators for multiple ion beam application 59022
Saitoh, Y., Takeuchi, H., Mandai, M., Koseki, O., Yoshino, T., Kanazawa, H., Yamanaka, J., Miyahara, S., Kamiya, M., Fujita, Y., Higashi, Y., Ikeda, H., Ikeda, M., Koike, S., Matsuda, T., Ozaki, H., Tanaka, M., Tsuboyama, T., Avrillon, S., Okuno, S., Haba, J., Hanai, H., Tatsumi, D., Adachi, K., Kawasaki, T., Nagashima, Y., Mori, S., Yusa, K., Fukunaga, C., Matsushita, T., Miyata, H., Miyano, K. Development of novel fabrication techniques for a silicon micro-vertex detector unit using the Flip-Chip bonding method 88124
Saitoh, Y., Takeuchi, H., Mandai, M., Koseki, O., Yoshino, T., Kanazawa, H., Yamanaka, J., Miyahara, S., Kamiya, M., Fujita, Y., Higashi, Y., Ikeda, H., Ikeda, M., Koike, S., Matsuda, T., Ozaki, H., Tanaka, M., Tsuboyama, T., Avrillon, S., Okuno, S., Haba, J., Hanai, H., Tatsumi, D., Adachi, K., Kawasaki, T., Nagashima, Y., Mori, S., Yusa, K., Fukunaga, C., Matsushita, T., Miyata, H., Miyano, K. Development of novel fabrication techniques for a silicon micro-vertex detector unit using the flip-chip bonding method 98580
Saitoh, Y., Yamanaka, J., Suzuki, H., Miyahara, S., Kamiya, M., Kadoi, K., Masusda, T., Maemura, K., Inoue, M., Suzuki, A., Takeuchi, H., Mandai, M., Kanazawa, H., Higashi, Y., Ikeda, H., Koike, S., Matsuda, T., Ozaki, H., Tanaka, M., Tsuboyama, T., Avrillon, S., Okuno, S., Haba, J., Hamai, H., Mori, S., Yusa, K. Development of novel architecture and assembly techniques for a detector unit for a silicon micro-vertex detector using the flip-chip bonding method 59075
Saitoh, Y. *see* Arimoto, H. 56738
Saitoh, Y. *see* Cho, T. 88031
Saitoh, Y. *see* Hattori, M. 64311
Saitoh, Y. *see* Hori, J. 67458
Saitoh, Y. *see* Kiryu, T. 67597
Saitoh, Y. *see* Kiryu, T. 88483
Saitoh, Y. *see* Matsushita, T. 98660
Saitoh, Y. *see* Okuno, S. 98559
Saitoh, Y. *see* Tanaka, K.H. 76567
Saitoh, Y. *see* Toyoda, Y. 97661
Saitou, K. *see* Tanaka, S. 49489
Saitou, K. *see* Tanaka, S. 70666
Saitou, N., Sakitani, Y. Cell projection electron beam lithography 81584
Saitou, N. *see* Okamoto, Y. 49937
Saitou, R. *see* Mori, M. 60362
Saitta, B. *see* Buontempo, S. 53296
Saitta, B. *see* Buontempo, S. 98502
Saiz Jabardo, J.M. *see* Meyer, J.J. 87588
Saiz-Pardo, R., Rincon, R., Perez, R., Flores, F. Schottky-barrier formation for non-ideal interfaces: As-rich GaAs(110) metal junctions 49822
Saja, J.A.de *see* de Saja, J.A.
Sajaev, V. *see* Korchuganov, V. 66911
Sajan, M.R. *see* Asundi, A.K. 87514
Sajan, M.R. *see* Asundi, A.K. 98083
Saje, B., Platts, A.E., Kobe Besenicar, S., Harris, I.R., Kolar, D. Microstructure and magnetic properties of Sm-Fe-Ta based alloys 72022
Saje, Z. *see* Svilar, D. 99380
Saji Stephen, D., Mathew, T., Mohanan, P., Nair, K.G. A modified strip grating with dual periodicity for RCS reduction 51063
Sajjadi, A., Boyd, I.W. Growth of 105 K $(BiPb)_2Sr_2Ca_2Cu_3O_{10}$ films on MgO by the pulsed laser deposition technique 61350
Sajjadi, B. *see* Haroun, B. 92057
Sajot, G. *see* Adam, W. 88114
Saka, N. *see* Bor-Jenq Wang 61991
Sakabe, S. *see* Kometani, H. 78923
Sakabe, Y., Hamaji, Y., Nishiyama, T. New barium titanate based material for MLCs with Ni electrode 63079
Sakachou, K. *see* Naitou, H. 53276
Sakae, T. *see* Nohtomi, A. 88210
Sakae, T. *see* Rashid, M.M. 59193
Sakae, T. *see* Rashid, M.M. 88237
Sakae, T. *see* Rashid, M.M. 98674
Sakae, T. *see* Widodo, S. 59139
Sakaev, V.Sh., Khomenko, A.I., Kashtanov, G.D. Automatic control of mass-produced subway cars 69157
Sakagami, E., Arai, N., Tsunoda, H., Egawa, H., Yamaguchi, Y., Kamiya, E., Takebuchi, M., Yamada, K., Yoshikawa, K., Mori, S. The impact of intermetal dielectric layer and high temperature bake test on the reliability of non-volatile memory devices 61697
Sakagami, E. *see* Mori, S. 70518
Sakagami, E. *see* Yamaguchi, Y. 70498
Sakagami, H. *see* Hamakawa, R. 58049
Sakagami, M. *see* Nakao, N. 52295
Sakagawa, K. *see* Chugo, A. 52119
Sakaguchi, A. *see* Maeda, N. 67351
Sakaguchi, A. *see* Tomigashi, Y. 49711
Sakaguchi, F. Optimal diagonal approximation of the covariance function with respect to the relative entropy using the wavelet basis 84198
Sakaguchi, F. On the pseudo-diagonalization of the auto-correlation of a stochastic process by an over-complete wavelet system 91230
Sakaguchi, H. *see* Kimura, T. 76009
Sakaguchi, H. *see* Kita, T. 93036
Sakaguchi, K. *see* Yonehara, T. 48925
Sakaguchi, R. *see* Ohno, H. 78122
Sakaguchi, S. *see* Kashihara, Y. 55259
Sakaguchi, S. *see* Miyano, I. 82049
Sakaguchi, T., Nitta, N., Matsuura, Y., Hatanaka, M., Nisitsuji, A. Analysis of electrical field-electric current characteristics in positive column of He-Ne gas mixed glow discharges 62039
Sakaguchi, T. *see* Baba, S. 85669
Sakaguchi, T. *see* Imai, M. 82558
Sakaguchi, T. *see* Kimura, I. 65482
Sakaguchi, T. *see* Sekine, Y. 59864
Sakaguchi, Y. Haptic sensing system with active perception 87069
Sakaguchi, Y. *see* Yuge, N. 91414
Sakahara, A. *see* Ishiyama, A. 82496
Sakai, A. *see* Kamiyama, S. 55438
Sakai, A. *see* Kamiyama, S. 93536
Sakai, A. *see* Nagatsuka, T. 93812
Sakai, E. *see* Fukuda, I. 98220
Sakai, E. *see* Iguchi, M. 63346
Sakai, E. *see* Sawada, M. 62781
Sakai, H. Status of amorphous silicon solar cell technologies in Japan 100555
Sakai, H., Kuroda, M., Ohno, S. A parallel weight extraction method for sliding window block RLS 84290
Sakai, H., Ota, Y., Inoue, K., Yoshida, T., Takahashi, K., Fujita, S., Sagawa, M. A novel millimeter-wave IC on Si substrate using flip-chip bonding technology 80870
Sakai, H. *see* Fujikake, S. 100598
Sakai, H. *see* Ichikawa, Y. 100609
Sakai, H. *see* Ohno, S. 95511
Sakai, H. *see* Sato, H. 61353
Sakai, H. *see* Sato, H. 100650
Sakai, H. *see* Sichanugrist, P. 100594
Sakai, I. *see* Okabe, K. 62848
Sakai, I. *see* Yamada, H. 61754
Sakai, I. *see* Yamazaki, Y. 81739
Sakai, J.W., Main, P.C., Beton, P.H., La Scala, N., Jr., Geim, A.K., Eaves, L., Henini, M. Zero-dimensional states in macroscopic resonant tunneling devices 55867
Sakai, K., Katayama, T., Wada, S., Oiwa, K. Perspective reversal caused by chaotic switching in PDP schema model 64841
Sakai, K., Tabuchi, Y., Washizu, T. Structure and characteristics of new high speed machines with two or three rotor discs 68523
Sakai, K. *see* Ae, T. 50623
Sakai, K. *see* Birch, J.R. 76149
Sakai, K. *see* Nishimura, K. 69989
Sakai, K. *see* Shimizu, H.M. 98548
Sakai, K. *see* Yamaguchi, K. 75159
Sakai, K. *see* Yoshida, Y. 83343
Sakai, M., Usmani, R.A. Numerical integration formulas based on iterated cubic splines 61140
Sakai, M. *see* Kawaguchi, S. 79033
Sakai, M. *see* Miyakuni, S. 55792
Sakai, M. *see* Setsune, K. 82335
Sakai, M. *see* Shimura, T. 92529
Sakai, M. *see* Uenushi, M. 60374
Sakai, M. *see* Yoshida, M. 50344
Sakai, N. *see* Ohno, H. 78122
Sakai, S. Murata's EMI suppression chip varistor absorbs surges in signal lines 94878
Sakai, S. *see* Inoue, N. 53756
Sakai, S. *see* Kato, K. 66614
Sakai, S. *see* Kleiner, R. 82372
Sakai, S. *see* Mizomata, Y. 93915
Sakai, S. *see* Tachikawa, K. 93912
Sakai, S. *see* Tanaka, K. 87369
Sakai, S. *see* Toshima, T. 85457
Sakai, S. *see* Ushikubo, T. 58371
Sakai, S. *see* Wada, N. 56566
Sakai, T., Matsumoto, S., Kim, I.J., Fukumitsu, T., Yachi, T. Potential of SOI power MOSFETs as a switching device for megahertz DC/DC converters 100289
Sakai, T., Miyamura, H., Kuriyama, N., Ishikawa, H., Uehara, I. Hydrogen storage alloys for nickel-metal hydride battery 78798
Sakai, T., Yagi, H., Shiratori, M. A nozzle-type ultra-micro-volume multi-ion sensor using a rear-gate SIS/ISFET 97883
Sakai, T. *see* Fujii, K. 87397
Sakai, T. *see* Goto, M. 72472
Sakai, T. *see* Hara, Y. 64236
Sakai, T. *see* Hirae, S. 55768
Sakai, T. *see* Kawamura, N. 62505
Sakai, T. *see* Kim, I.J. 55994
Sakai, T. *see* Murakami, Y. 97600
Sakai, T. *see* Okada, Y. 61749
Sakai, T. *see* Okada, Y. 64605
Sakai, T. *see* Tachibana, K. 87360
Sakai, Y., Inoue, K., Maeda, H. High-strength and high-conductivity Cu-Ag alloy sheets: new promising conductor for high-field Bitter coils 82235
Sakai, Y., Itaya, Y., Matsumoto, S., Fukuda, M., Yamamoto, M. 1.55 μm InGaAsP/InP laser buried in a high-resistivity epitaxial layer on a semi-insulating InP substrate 83107
Sakai, Y., Miyazawa, H., Mitomi, O., Kaino, T. $LiNbO_3$ waveguide etalon array for frequency reference 72401
Sakai, Y., Tanabe, S., Hirokado, Y., Hata, H., Yabushita, K., Kumagai, M., Horibata, S. Effects of pole tip configuration on side-cross-talk of thin film heads for VCR 50348
Sakai, Y., Yoshikuni, Y., Tachikawa, Y., Ishii, H., Suzuki, S., Tsuchiya, H. FDM optical switching of 16 channels at 5 Gbit/s data rate using an SSG DBR laser and arrayed-waveguide grating 75167
Sakai, Y. *see* Akashi, H. 63662
Sakai, Y. *see* Asano, T. 83560
Sakai, Y. *see* Asano, T. 83569
Sakai, Y. *see* Hirota, T. 83539
Sakai, Y. *see* Mruetusatorn, S. 84852
Sakai, Y. *see* Nakao, Y. 63062
Sakai, Y. *see* Oda, T. 63065
Sakai, Y. *see* Weggel, R.J. 83546
Sakai, Y. *see* Yamaoka, K. 96801
Sakaida, F. *see* Kawamura, H. 67747
Sakaida, F. *see* Kawamura, H. 67886
Sakaida, F. *see* Kawamura, H. 77488
Sakairi, N. *see* Shikata, S. 93846
Sakairi, N. *see* Yamamoto, Y. 56182
Sakaki, H. Quantum microstructure devices 93293
Sakaki, H. *see* Kadoya, Y. 93041
Sakaki, H. *see* Koshiba, S. 79862
Sakaki, H. *see* Nakamura, Y. 56003
Sakaki, H. *see* Ohno, Y. 55613
Sakaki, M., Morino, N., Matsunami, T., Onomoto, S. Breaking performance techniques for GIS 90217
Sakaki, M., Morino, N., Takakura, M., Tanigaki, S. Gas insulation techniques for GIS 90216
Sakaki, Y., Yoshida, M., Sato, T. Formula for dynamic power loss in ferrite cores taking into account displacement current 50378
Sakaki, Y. *see* Amanuma, K. 100294
Sakaki, Y. *see* Katane, T. 91874
Sakaki, Y. *see* Katane, T. 100263
Sakakibara, H., Noguchi, M., Thornton, T.J., Hirakawa, K., Ikoma, T. Electron wave switch with distributed coherent resonant tunneling coupling 93519
Sakakibara, I., Takahashi, A. Deployment methodology of fiber optic systems into subscriber loops 52529
Sakakibara, K. Analysis of the characteristics of planar power magnetics for high-frequency DC/DC converters 91893
Sakakibara, K., Horokawa, J., Ando, M., Goto, N. A linearly-polarized slotted waveguide array using reflection-cancelling slot pairs 64237
Sakakibara, K., Kasahara, M. Throughput evaluation of multicast error control schemes with MDS codes 95164
Sakakibara, K. *see* Murakami, N. 49160
Sakakibara, K. *see* Onoda, H. 92203
Sakakibara, M. *see* Koyano, H. 96582
Sakakibara, N. *see* Shinnaka, S. 89940
Sakakibara, S., Fujimoto, K., Amano, N., Ishino, K., Ishida, A., Fujiyasu, H. Characteristics of chlorine-doped ZnSe films and ZnSe-ZnS superlattices grown by hot wall epitaxy 54891
Sakakibara, S. *see* Choi, Y.D. 69979
Sakakibara, T., Mitamura, H., Tayama, T., Amitsuka, H. Faraday force magnetometer for high-sensitivity magnetization measurements at very low temperatures and high fields 97975
Sakakibara, T. *see* Masaki, K. 68916
Sakakibara, T. *see* Takikawa, H. 50119
Sakakima, H. *see* Muraoka, S. 72039
Sakakima, H. *see* Nago, K. 72044
Sakakubo, T. *see* Yamashita, H. 97663
Sakakura, H. *see* Kai, K. 93440
Sakallah, K.A. *see* Burks, T.M. 92163
Sakallah, K.A. *see* Kayssi, A.I. 79315
Sakallah, K.A. *see* Marques Silva, J.P. 91718
Sakamaki, T. *see* Tachibana, K. 96685
Sakamori, S. *see* Ishigaki, Y. 71826
Sakamoto, A. *see* Inoue, Y. 93545
Sakamoto, A. *see* Liu, X. 49099
Sakamoto, H. The optimum linear transformation for a quadratic form of signals 64537
Sakamoto, H., Harada, K. A novel converter for non-contact charging with electromagnetic coupling 54068
Sakamoto, H., Ishibashi, Y. Performance analysis method for system bus architectures in multimedia communication terminals 51936
Sakamoto, H. *see* Enta, Y. 61320
Sakamoto, H. *see* Murakami, T. 74942
Sakamoto, H. *see* Nakamae, K. 60932
Sakamoto, H. *see* Noguchi, S. 55112
Sakamoto, I. *see* Liao, H.H. 75491
Sakamoto, K. Plasma display technology helps create thin, lightweight panels 98199
Sakamoto, K., Matsuhata, H., Kyoya, K., Miki, K., Sakamoto, T. Abrupt Si/Ge/Si(001) interfaces fabricated with Bi as a surfactant 61245
Sakamoto, K., Yamada, A., Yasuda, H. Development of block exposure method 90915
Sakamoto, K. *see* Ishibashi, T. 56611

Sakamoto, K. *see* Ishizuka, H. 63887
Sakamoto, K. *see* Kawamura, A. 60266
Sakamoto, K. *see* Kawasaki, S. 66805
Sakamoto, K. *see* Matsuhata, H. 79831
Sakamoto, K. *see* Matsuhata, H. 81315
Sakamoto, K. *see* Nakanishi, T. 58594
Sakamoto, K. *see* Seneff, T. 91975
Sakamoto, K. *see* Shiho, M. 50886
Sakamoto, K. *see* Suzuki, M. 97222
Sakamoto, K. *see* Yarai, A. 70200
Sakamoto, M., Iso, H., Oyama, K., Higuchi, M., Hoshi, Y., Yuta, H., Abe, K., Hasegawa, K., Suekane, F., Kawamura, N., Neichi, K., Suzuki, K., Masuda, K., Kikuchi, R., Miyano, K. Free ion yields for tetramethylsilane and tetramethylgermanium 59077
Sakamoto, M. *see* Kikkawa, S. 64250
Sakamoto, M. *see* Masuda, K. 67337
Sakamoto, M. *see* Qianren Zhang 78755
Sakamoto, M. *see* Takahata, K. 82416
Sakamoto, M. *see* Yamada, S. 72257
Sakamoto, N., Ohba, Y., Murata, M., Miyahara, H. Evaluation of input traffic control in ATM networks 64939
Sakamoto, N. *see* Agawa, K. 71117
Sakamoto, N. *see* Agawa, K. 93149
Sakamoto, O., Kuriyama, H., Ashida, M., Yuzuriha, K., Tsutsumi, K., Maeda, S., Ipposhi, T., Maegawa, S., Nishimura, T., Kohno, Y., Miyoshi, H. A compact memory cell using MGI-TFT's for 16-Mb SRAM and beyond 70509
Sakamoto, R. *see* Matsuyama, S. 87767
Sakamoto, S. *see* Kamishima, Y. 65493
Sakamoto, S. *see* Mizuno, H. 66826
Sakamoto, T. 2-D cutting-stock algorithms based on local optimization 54698
Sakamoto, T. Electrodynamic characteristics of the split-guideway levitation system 57052
Sakamoto, T. Optical fibre grating demultiplexer-multiposition switch using a single gradient-index-rod lens 58416
Sakamoto, T. Image processing with color scanner 87047
Sakamoto, T., Hwang, S., Nihey, F., Nakamura, Y., Nakamura, K. Coulomb blockade of two quantum dots in series 93043
Sakamoto, T. *see* Matsuhata, H. 79831
Sakamoto, T. *see* Matsuhata, H. 81315
Sakamoto, T. *see* Sakamoto, K. 61245
Sakamoto, Y. Probabilistic mechanical design of overhead transmission line 68273
Sakamoto, Y., Ishimaru, N. Hydrogen concentration profiles in metal hydride electrodes during the discharge process 78795
Sakamoto, Y., Ishimaru, N., Hasebe, M. Electrochemical properties of some palladium alloy hydride electrodes 78796
Sakamoto, Y., Kuruma, K., Hirano, S., Hirata, M. A novel active material for the negative electrode in alkaline nickel oxide secondary batteries 78790
Sakamoto, Y., Natsusaka, M., Murakami, K., Abe, N. Anomalous iron loss observed in a parametric induction motor 54010
Sakamoto, Y., Natsusaka, M., Murakami, K., Ichinokura, O. Characteristics of a new orthogonal-core type induction motor having interesting features 54011
Sakamoto, Y., Ninomiya, H., Matsuda, K., Sugino, T., Shirafuji, J. Characterization of plasma-induced traps in n-InP 55568
Sakamoto, Y., Otsuka, A., Itada, Y., Aoki, Y. Classification method for three dimensional images using a density-gradient histogram 64715
Sakamoto, Y., Sakuraba, T., Iwasa, A., Kinoshita, J., Endo, T. Monitoring industrial voltage standards by transporting Zener references calibrated by ETL Josephson standard 86917
Sakamoto, Y. *see* Fujita, K. 64709
Sakamoto, Y. *see* Karouni, M.A. 86916
Sakamoto, Y. *see* Murayama, Y. 86834
Sakamoto, Y. *see* Shiota, F. 86985
Sakamoto, Y. *see* Takahashi, A. 87388
Sakamoto, Y. *see* Yoshida, H. 52745
Sakanaka, S., Kubo, K., Higo, T. Design of a HOM damped cavity for the ATF damping ring 67130
Sakanaka, S. *see* Kubo, K. 87805
Sakanaka, Y. *see* Takahashi, J. 61757
Sakane, H. A review of trends in semiconductor technology 55683
Sakanishi, K. *see* Fujii, K. 53780
Sakaniwa, K. *see* Yamada, I. 74080
Sakano, S. *see* Kanno, M. 60265
Sakao, M., Takaishi, Y., Kajiyana, K., Akimoto, K., Oguro, S., Shishiguchi, S., Ohya, S. A straight-line-trench isolation and trench-gate transistor (SLIT) cell for giga-bit DRAMs 70500
Sakao, M. *see* Murakami, K. 79309
Sakarya, F.A., Hayes, M.H., III Performance evaluation of the MDOAM and SSM methods 95455
Sakasai, K., Ara, K., Itoh, H., Kishimoto, M., Katagiri, M. Electric and magnetic characteristics of a Co-Fe-Si-B-based amorphous wire and its application to a multivibrator-type magnetometer at low temperature 58739
Sakasegawa, H., Kawashima, T. On the equivalence of three types of blocking in non-Markovian tandem queues 61071
Sakashita, N. *see* Shimomura, K. 55290
Sakashita, S. *see* Ito, K. 54275
Sakashita, Y., Ono, T., Segawa, H., Tominagi, K., Okada, M. Electrical properties of MOCVD-deposited PZT thin films 63077
Sakata, A. *see* Miyazaki, H. 50659
Sakata, E. *see* Sobue, S. 77286
Sakata, F. *see* Wakiwaka, H. 58443
Sakata, H., Amano, M., Kawashima, Y., Okamoto, T. Oxygen gas-sensing properties of semiconductive V_2O_5-SrO-Sb_2O_3 glass at high temperature 66583
Sakata, H., Utaka, K., Matsushima, Y. Novel bistable device; resonant-tunnelling triangular-barrier optoelectronic switch (R-TOPS) 94587
Sakata, H., Utaka, R., Matsushima, Y. High sensitivity and high gain optical functional device; triangular-barrier optoelectronic switch (TOPS) 94263
Sakata, I., Yamanaka, M., Nagai, K., Sekigawa, T., Hayashi, Y. Amorphous silicon/amorphous silicon carbide heterojunctions applied to memory device structures 55254
Sakata, I., Yamanaka, M., Sekigawa, T. Relationship between carrier diffusion length and light-induced defects in hydrogenated amorphous silicon 55548
Sakata, K. *see* Masuda, Y. 82185
Sakata, K. *see* Toda, K. 66687
Sakata, M., Hamada, Y., Takeuchi, K., Shibata, K., Kuroki, K. Characteristics of a liquid crystal IR chopper for pyroelectric IR sensors 52845
Sakata, M., Ikoma, H. Electrical characteristics and surface chemistry of P_2S_5-passivated GaAs 81468
Sakata, M., Ito, T., Endo, A., Jinbo, H., Ashida, I. Direct formation of silicon dioxide mask using a novel radiation-sensitive spin-on-glass 71377
Sakata, S. Multimedia network technologies 52111
Sakata, S. Multimedia communication protocols and services for broadband private networks 52217
Sakata, S., Oohori, K., Higuchi, M., Fujii, K., Oouchi, K., Ueguri, S., Ueda, Y., Takemori, S., Sato, S., Saito, H. CuBr-CsBr-Ne laser with high-repetition-frequency; relaxation control by energy acceptor 82927
Sakata, T., Horiguchi, M., Itoh, K. Subthreshold-current reduction circuits for multi-gigabit DRAM's 70549
Sakata, T., Itoh, K., Horiguchi, M., Aoki, M. Subthreshold-current reduction circuits for multi-gigabit DRAM's 70285
Sakata, T., Itoh, K., Horiguchi, M., Aoki, M. Two-dimensional power-line selection scheme for low subthreshold-current multi-gigabit DRAM's 80316
Sakata, T., Seki, K., Kubota, S., Kato, S. A new fully-digitalized $\pi/4$ shift QPSK modulator for personal communication terminals 86156
Sakata, T. *see* Baji, T. 70655
Sakata, T. *see* Horiguchi, M. 71812
Sakata, T. *see* Inoue, A. 77606
Sakata, T. *see* Lee, J. 67768
Sakata, T. *see* Seki, K. 61615
Sakata, T. *see* Tada, T. 77311
Sakata, Y. *see* Kuroda, T. 55207
Sakata, Y. *see* Sotome, H. 86427
Sakatsume, S. *see* Sawada, A. 98273
Sakauchi, H. *see* Kiriha, Y. 74854
Sakauchi, M. *see* Nishikado, N. 95943
Sakauchi, M. *see* Yaginuma, Y. 95949
Sakaue, H. *see* Shingubara, S. 81562
Sakaue, H.A. *see* Watanabe, K. 87648
Sakaue, K. *see* Terauchi, H. 91503
Sakawa, M. *see* Iokibe, T. 79016
Sakawa, Y. *see* Matsuno, F. 90452
Sakawa, Y. *see* Nakajima, K. 76627
Sakaya, Y. *see* Nakamura, H. 71429
Sakazaki, Y. *see* Azadegan, F. 86791
Sakcharov, V.M. A method for estimating the bremsstrahlung dose into spacecraft from incident electrons 88574
Saker, A. *see* Danikas, M.G. 50118
Sakharov, K.Yu. *see* Al'betkov, S.V. 60298
Sakharov, L.G. Deposition of epitaxial films of multicomponent compounds by magnetron sputtering, with $YBa_2Cu_3O_{7-\delta}$ as an example 50392
Sakhno, O.V. *see* Smirnova, T.N. 73179
Sakina, K., Chiba, J. Hybrid modes of Goubau line 51166
Sakitani, A. *see* Egashira, S. 57233
Sakitani, A. *see* Tanaka, T. 75218
Sakitani, Y. *see* Okamoto, Y. 49937
Sakitani, Y. *see* Saitou, N. 81584
Sakiyama, K. *see* Hikita, M. 93814
Sakiyama, K. *see* Kawamura, A. 70508
Sakiyama, K. *see* Sato, S. 70520
Sakiyama, S., Dosho, S., Maruyama, M., Hayashi, G., Inagaki, S., Moriiwa, T., Matsushita, M., Mochizuki, K., Ito, S. An oversampling ADC with non-linear quantizer for PCM-codec 70706
Sakiyama, S., Fukumasa, O., Aoki, K. Synthesis of diamond using low pressure plasma jet 79950
Sakiyama, S. *see* Fukumasa, O. 53196
Sakiyama, S. *see* Muruyama, M. 80537
Sakiyama, S. *see* Nakahira, H. 80529
Sakkalis, T. *see* Polemi, D. 69662
Sakkoury, K. *see* Osama, M. 89955
Sakkoury, K.S., Novotny, D.W., Khater, F.M.H., Ahmed, F.I. Transient performance of autonomous self excited induction generator system 89948
Sako, K. *see* Yamaji, A. 90583
Sako, M. Balancing cooperation and competition: a comparative study of the printed circuit board industry in Britain and Japan 60840
Sako, M. *see* Kimura, M. 72485
Sako, T. *see* Granjon, Y. 67501
Sakoguchi, E. *see* Tanaka, K. 89749
Sakoguchi, E. *see* Tsujino, N. 100023
Sakoh, K. Development of NTT's packet communication services support system 65172
Sakomura, M., Fujihira, M. Direction of photocurrents of molecular photodiodes with oriented triad molecules 63570
Sakon, T. *see* Takiyama, M. 49834
Sakonjuh, T. *see* Anabuki, T. 71844
Sakota, M. *see* Miura, Y. 72266
Sakov, D.M. *see* Klyuev, V.A. 82109
Sakov, I.A., Romanov, G.A., Kuryatov, V.N. Synthesis of the methodical software package Heat Networks 99921
Sakr, A.F. *see* Abdel Mageed, M.F. 79505
Sakr, S.Z. *see* Gomaa, I.A. 61193
Sakrani, S. *see* Deraman, K. 71133
Saks, M. *see* Karchmer, M. 85325
Saks, M.E. *see* Paturi, R. 61638
Saksena, M.C. *see* Saha, D. 65316
Saku, T., Horikoshi, Y., Tarucha, S. High-mobility inverted modulation-doped GaAs/AlGaAs heterostructures 93039
Saku, T. *see* Tarucha, S. 71591
Sakuda, M. *see* Fukushima, Y. 67382
Sakudo, N. Ion sources for ion implantation and ion beam modification of materials 53223
Sakui, G. *see* Aritome, S. 92204
Sakui, K., Masuoka, F. Sub-halfmicron flash memory technologies 92200
Sakui, K., Wong, S.S., Wooley, B.A. The effects of hot carriers generation on the operation of neighboring devices and circuits 71759
Sakui, K., Wong, S.S., Wooley, B.A. The effects of impact ionization on the operation of neighboring devices and circuits 81884
Sakui, K. *see* Chin-Chieh Chao 69578
Sakui, K. *see* Takashima, D. 70555
Sakui, K. *see* Takashima, D. 70558
Sakui, K. *see* Tanaka, T. 92244
Sakui, K. *see* Tanzawa, T. 70527
Sakui, M., Fujita, H. A harmonic analysis of three-phase rectifier with a DC filter capacitor 60326
Sakui, M., Kitamura, T., Fujita, H. Harmonic analysis of a single-phase rectifier with a DC filter capacitor 70280
Sakui, M., Minamijima, M., Fujita, H. An expression for calculating overlap angle of a three-phase bridge rectifier with AC filter 90105
Sakuma, A., Fujii, K.-I., Tanaka, M. Experimental determination of the volume of a crystalline silicon sphere using spherical harmonics 97768
Sakuma, A. *see* Fujii, K. 86983
Sakuma, E. *see* Miki, Y. 56612
Sakuma, E. *see* Onae, A. 63626
Sakuma, F., Ono, A. Spectral radiancemeters for the prelaunch calibration of JERS-1 OPS 77255
Sakuma, H. *see* Yoshimura, O. 61620
Sakuma, K., Yagi, S., Imai, K. Study of a veil structure and a two-step corrosion suppression process in Al-Si-Cu etching 55752
Sakuma, N. *see* Yamashita, H. 97663
Sakuma, O. *see* Wakai, T. 68336
Sakuma, S. *see* Seki, A. 89279
Sakuma, T. *see* Takemura, K. 82179
Sakuma, Y., Muto, S., Yokoyama, N. Selective growth of GaAs by pulsed-jet epitaxy 91540
Sakumoto, W.K. *see* de Barbaro, P. 98584
Sakuno, K., Akagi, M., Sato, H., Miyauchi, M., Hasegawa, M., Yoshimasu, T., Hara, S. A 3.5 W HBT MMIC power amplifier module for mobile communications 80785
Sakuraba, I. *see* Koyanagi, K. 83263
Sakuraba, J. *see* Hata, F. 82436
Sakuraba, J. *see* Watanabe, K. 94008
Sakuraba, T. *see* Sakamoto, Y. 86917
Sakuraba, Y. *see* Nakamoto, T. 58868
Sakurabata, H. *see* Itano, A. 87686
Sakurada, H. *see* Honda, K. 52180
Sakurai, A., Yoshino, Y., Ieki, H. Epitaxially grown aluminum film on 36°-related Y-cut lithium tantalate for high-power surface acoustic wave devices 71919
Sakurai, A. *see* Ieki, H. 63124
Sakurai, A. *see* Yamakoshi, H. 77509
Sakurai, H. *see* Gunji, S. 88317
Sakurai, H. *see* Sakurai, K. 76861
Sakurai, H. *see* Tokanai, F. 88064
Sakurai, H. *see* Tokanai, F. 98602
Sakurai, K., Sakurai, H. Comment on "High intensity low tube-voltage X-ray source for laboratory extended X-ray absorbed fine structure

measurements" [Rev. Sci. Instrum. 64, 2702 (1993)] 76861
Sakurai, K. *see* Matsuki, J. 89155
Sakurai, K. *see* Otsuki, M. 55967
Sakurai, M. Signal processing LSIs for HDTV 58583
Sakurai, M., Hamada, N. Two-dimensional line spectrum estimation by polar coordinate AR models 84195
Sakurai, M. *see* Itoh, K. 58258
Sakurai, N., Nemoto, M., Arakawa, H., Sugawara, Y. A three-phase inverter IC for AC220 V with a drastically small chip size and highly intelligent functions 55145
Sakurai, N. *see* Irie, K. 58581
Sakurai, N. *see* Irie, K. 66041
Sakurai, N. *see* Kojima, A. 84990
Sakurai, N. *see* Kotani, N. 86763
Sakurai, N. *see* Shibuki, M. 52706
Sakurai, N. *see* Takahasi, K. 67909
Sakurai, T., Kitakami, O., Shimada, Y. Magnetic recording patterns of obliquely evaporated Co-O thin films observed by using ultrafine Co particles 82278
Sakurai, T., Shimada, Y., Sueyoshi, T., Okuwaki, T. Observation of magnetic domains of magnetic recording medium 72095
Sakurai, T., Spangler, S.R. Use of the Very Large Array for measurement of time variable Faraday rotation 75693
Sakurai, T. *see* Demura, T. 92280
Sakurai, T. *see* Komaki, Y. 93242
Sakurai, T. *see* Matsui, M. 97632
Sakurai, T. *see* Miyazaki, H. 50659
Sakurai, T. *see* Shigekawa, H. 71384
Sakurai, T. *see* Unekawa, Y. 49419
Sakurai, T. *see* Unekawa, Y. 70548
Sakurai, T. *see* Young, I. 70621
Sakurai, Y. *see* Hasegawa, Y. 78247
Sakurai, Y. *see* Saito, K. 97942
Sakurai, Y. *see* Shirahama, H. 60488
Sakurai-Amano, T. *see* Iisaka, J. 77626
Sakuta, H. *see* Ono, K. 81895
Sakuta, Y., Sasaki, H., Hoshino, M., Sekine, Y. a study on reduction of phase noise in crystal oscillator circuit with loaded Q 93801
Sal, J.C.Gomez *see* Gomez Sal, J.C.
Sala, A. *see* Aulchenko, V.M. 67341
Sala, A. *see* Cantoni, P. 53306
Sala, A.-L.I. *see* Podoleanu, A.G. 56376
Sala, G. *see* Marti, A. 100518
Sala, P. *see* Gingrich, D. 53291
Sala, R. *see* Rovetta, A. 88527
Saladin, V. *see* Kraushaar, P. 76654
Salaff, S. World's largest CFB set for commercial operation 68436
Salah, J.E. *see* Antebi, J. 66012
Salah, J.E. *see* Ingalls, R.P. 58532
Salakhutdinov, V.K. *see* Mikaelian, A.L. 56497
Salam, F.M.A. *see* Guo, S.X. 99492
Salama, C.A.T. *see* Law, O.M.K. 55210
Salama, C.A.T. *see* Nezar, A. 55906
Salama, C.A.T. *see* Ping Li 62697
Salama, C.A.T. *see* Voinigescu, S.P. 55664
Salama, M.H. *see* Safar, Y.A. 68625
Salama, M.M. Starting transients of a three-phase induction motor fed from a nonideal single-phase supply 89937
Salama, M.M. *see* Abdel-Halim, I.A.M. 78624
Salama, M.M. *see* Abdel-Halim, I.A.M. 78720
Salama, M.M. *see* Abdel-Halim, I.A.M. 100120
Salama, M.M.A., Sallam, M.M., Bartnikas, R. Effect of wheel speed on the tracking time in a rotating wheel-spray tracking test 71842
Salama, M.M.A. *see* Chow, Y.L. 68910
Salama, M.M.A. *see* Fouda, S.S. 99493
Salama, M.M.A. *see* Hanna, M.A. 99699
Salama, M.M.A. *see* Lian, B. 53810
Salama, M.M.A. *see* Sarfi, R.J. 68204
Salama, M.M.A. *see* Sarfi, R.J. 99761
Salama, M.M.A. *see* Temraz, H.K. 99451
Salama, M.M.A. *see* Yao, Y. 90126
Salamakha, B.S. *see* Mavlyutov, A.A. 82912
Salamanca-Riba, L. *see* Huo, L.H. 92958
Salamanca-Riba, L. *see* Kuo, L.H. 92957
Salamatin, A.N., Chugunov, V.A., Yartsev, O.V. Effective heat transfer coefficients and temperature modelling in electronic systems 79433
Salameh, Z.M. *see* Borowy, B.S. 89778
Salami, J. *see* Rohatgi, A. 100574
Salami, J. *see* Rohatgi, A. 100612
Salami, R., Laflamme, C., Adoul, J.-P., Massaloux, D. A toll quality 8 kb/s speech codec for the personal communications system (PCS) 73892
Salami, R. *see* Lefebvre, R. 84104
Salamitou, P. *see* Dabas, A. 97434
Salamo, G. *see* Segev, M. 83315
Salamo, G.J. *see* Dovgalenko, G.E. 56965
Salamon, M. *see* Ahlen, S. 98641
Salamon, M.H. *see* Ahlen, S.P. 59097
Salan, A.V. *see* Kislenko, V.I. 90002
Salander, C. Nuclear energy in Germany, a status report 1994 68380
Salaneck, W.R., Bredas, J.L. Conjugated polymers 91650
Salari, E., Li, W. Adaptive fast encoding algorithm for vector quantisation 95145
Salas, T.M. *see* Wiggins, C.M. 53739
Salashenko, N.N. *see* Zheludeva, S.I. 82667
Salata, O.V., Dobson, P.J., Hull, P.J., Hutchison, J.L. Fabrication of CdS nanoparticles embedded in a polymer film by gas-aerosol reactive electrostatic deposition technique 91598
Salathe, R.P. *see* Fonjallaz, P.Y. 50498
Salathe, R.P. *see* Limberger, H.G. 63398
Salaun, S. *see* Herve, D. 56395
Salazar, L., Joos, G. PSPICE simulation of three-phase inverters by means of switching functions 60301
Salazar, L., Stange, O. Electronic short circuit protection for high power SCR battery charger 100245
Salazar, L.D., Vasquez, C.R., Wiechmann, E.P. Reactive power control by using a new AC PWM power converter 99511
Salazar, L.D. *see* Wiechmann, E.P. 100239
Salazar, M. *see* Harada, L.K. 94840
Salazar, M. *see* Sarkar, T.K. 57182
Salazar, M. *see* Seidler, W. 82077
Salazar, W.E. *see* McCarthy, D.K. 83664
Salazar, W.E. *see* McCarthy, D.K. 83665
Salazar, W.E. *see* McCarthy, D.K. 83666
Salazar-Palma, M. *see* Sarkar, T.K. 83422
Salbut, L., Kujawinska, M., Kapkowski, J. Automatic analysis of residual stresses in rails in the modified moire interferometry system 70189
Salbut, L. *see* Kujawinska, M. 70198
Salcedo, J.R. *see* Okhotnikov, O.G. 50771
Salcedo, J.R. *see* Okhotnikov, O.G. 50772
Salcedo, J.R. *see* Okhotnikov, O.G. 56648
Salcedo, J.R. *see* Okhotnikov, O.G. 56656
Salcedo, J.R. *see* Okhotnikov, O.G. 82970
Salcedo, J.R. *see* Okhotnikov, O.G. 82990
Salcedo, J.R. *see* Okhotnikov, O.G. 94379
Salchegger, M. *see* Zinterhof, P. 61185
Saldanha, A., Brayton, R.K., Sangiovanni-Vincentelli, A.L. Circuit structure relations to redundancy and delay 61671
Saldanha, A., Harkness, H., McGeer, P.C., Brayton, R.K., Sangiovanni-Vincentelli, A.L. Performance optimization using exact sensitization 91706
Saldanha, A., Villa, T., Brayton, R.K., Sangiovanni-Vincentelli, A.L. Satisfaction of input and output encoding constraints 49243
Saldanha, R.R. *see* Miranda, G.C. 88951
Saldanha, R.R. *see* Miranda, G.C. 88952
Saldanha, R.R. *see* Silva, E.J. 83448
Salden, A.H. *see* ter Haar Romeny, B.M. 64819
Saldin, E.L., Schneidmiller, E.A., Yurkov, M.V. High-efficiency FEL oscillator with time-dependent microwave field in interaction region 50889
Saldin, E.L., Schneidmiller, E.A., Yurkov, M.V. Alternative concept of an RF power supply for TeV linear colliders 53099
Saldner, H.O. *see* Krishna Mohan, N. 58987
Sale, T.E. *see* David, J.P.R. 93314
Saledas, P. *see* Teeter, D. 80823
Saledas, P. *see* Teeter, D. 92609
Saleem, D. *see* Thrane, E.V. 94809
Saleem Moini, S.M. Work culture and multi national teaming 69512
Saleh, A. *see* Zielinski, A. 97368
Saleh, A.O.M., Laughton, M.A. Transition matrix computation for a periodically time-varying system 78587
Saleh, B.E.A. Quantum noise in optical processing 64890
Saleh, B.E.A. *see* Meigs, A.D. 83302
Saleh, I.A. *see* Habali, S.M. 60153
Saleh, K., Jaragh, M., Rafiq, O. Synthesizing communication gateways from protocol and service specifications 74746
Saleh, K., Omar Rafiq, Mansour Jaragh Synthesizing communications gateways for network interoperability 52136
Saleh, K., Ural, H. Formal specification of an Information Gateway Service Interface in Estelle 85646
Saleh, K.I. *see* Badr, M.A. 89104
Salehfar, H., Trihadi, S. Animated power-generating system reliability evaluation 59709
Salehi, M. *see* Amanullah, A.S. 95177
Salehnia, A. *see* Cong, B. 58182
Salem, A. *see* Yang Wang 58751
Salem, A.F., Smith, A.W., Brennan, K.F. Theoretical study of the effect of an AlGaAs double heterostructure on metal-semiconductor-metal photodetector performance 75986
Salem, M. *see* Tolle, D. 79235
Salem, S.S. *see* Mertens, P.W. 71400
Salembier, P. Morphological multiscale segmentation for image coding 84642
Salembier, P., Pardas, M. Hierarchical morphological segmentation for image sequence coding 84773
Salembier, P., Serra, J., Bangham, J.A. Edge versus contrast estimation of morphological filters 84951
Salembier, P. *see* Pardas, M. 74335
Salemink, H.W.M. *see* Pfister, M. 71313
Salentiny, G. *see* Pauli, M. 100636
Salerno, N. *see* Aiello, G. 73408
Salerno, N. *see* Aiello, G. 83465
Sales, B. *see* Colin, M. 74750
Saletskii, A.M. *see* Akimov, A.I. 63680
Salhani, D. *see* Gerig, L. 88543
Sali, S. Response of coplanar stripline to antenna fields in the near field zone 51215
Sali, S. Response of coplanar striplines to external electromagnetic fields 70819
Sali, S. On the responses of strip-line interconnects with discontinuities excited by external fields 70919
Sali, S. Response of externally excited coaxial cables with wire braided shields 70963
Sali, S. Response of externally excited coaxial cables with wire braided shields 75173
Salia, E.K. Telecommunications' role in national development in Ghana 96358
Saliani, S. *see* Benedetto, J.J. 57382
Salib, M., Ali, F., Gupta, A., Bayraktaroglu, B., Dawson, D. A 5-10 GHz, 1-Watt HBT amplifier with 58% peak power-added efficiency 92520
Salib, M. *see* Ali, F. 80792
Salice, F. *see* Alippi, C. 53346
Salice, F. *see* Alippi, C. 67381
Salice, F. *see* Dell'Acqua, A. 87955
Salice, F. *see* Dell'Acqua, A. 98680
Salicru, M. *see* Papaioannou, T. 64253
Salieres, P., Ditmire, T., Budil, K.S., Perry, M.D., L'Huillier, A. Spatial profiles of high-order harmonics generated by a femtosecond Cr:LiSAF laser 56900
Salieres, P. *see* Svanberg, S. 50784
Saliga, J.J. *see* Krooswyk, E.D. 99930
Salik, B. *see* Schrimpf, R.D. 50069
Salikaev, Yu., Shandarov, S. Photorefractive gratings in planar optical waveguides in cubic crystals 82650
Salikaev, Yu.R. *see* Savchenkov, E.N. 83351
Salikhov, Kh.M. *see* Slobodchikov, S.V. 49776
Salikhov, Kh.M. *see* Slobodchikov, S.V. 49957
Salikhov, Kh.M. *see* Slobodchikov, S.V. 71234
Salikhov, K.M. *see* Slobodchikov, S.V. 93305
Salillas, J. *see* Torres, L. 84996
Salimzyanov, R.R. *see* Pavel'yev, A.G. 51103
Salin, F. *see* Cormier, J.-F. 56650
Salin, F. *see* Cormier, J.-F. 82982
Salin, F. *see* Piche, M. 56651
Salin, F. *see* Watson, J. 56852
Salina, G. *see* Carugno, G. 67326
Salinari, S. *see* Babiloni, F. 76988
Salinas, A., Gomez Martin, R., Rubio Bretones, A., Sanchez Garcia, I. Modelling of straight thin wires using time-domain electric field integral equations 51204
Salinas, A. *see* Avignone, F.T. 67288
Salinas, A. *see* Bretones, A.R. 73479
Salinas, A. *see* Saenz, C. 59159
Salinas, J., Feng, C., Lombardi, F. An optimal reconfiguration approach for multipipeline arrays 80366
Salinas, L.C. *see* Kurth, G. 79527
Salinsky, M.C., Oken, B.S., Morehead, L. Intraindividual analysis of antiepileptic drug effects on EEG background rhythms 53444
Salisbury, M.S. *see* Overbeck, J.A. 88914
Salituro, F.A. Advancing the traditional inspection process with the use of AOI tools 91112
Salk, M., Fiederle, M., Benz, K.W., Senchenkov, A.S., Egorov, A.V., Matioukhin, D.G. CdTe and $CdTe_{0.9}Se_{0.1}$ crystals grown by the travelling heater method using a rotating magnetic field 69918
Salkhi, A. Quick filter design and construction 49049
Sal'kova, E.N. *see* Savchuk, A.V. 50450
Sal'kova, E.N. *see* Savchuk, A.V. 63350
Sallai, G. Present state and future plans of telecommunications services in Hungary 85582
Sallam, A.A., Desouky, M., Desouky, H. Shunt capacitor effect on electrical distribution system reliability 68048
Sallam, B.M. A generalized package for statistical errors characterization in digital filters 70761
Sallam, M.M. *see* Salama, M.M.A. 71842
Sallam, R.A. *see* El-Sheikh, M.M.A. 54784
Salles, A.A.de *see* de Salles, A.A.
Salles, J.-M. *see* Katz, H. 65130
Sallese, J.M., Taylor, S., Buhlmann, H.J., Carlin, J.F., Rudra, A., Houdre, R., Ilegems, M. As/P interdiffusion in ultrathin InAs/InP strained quantum wells 71168
Sallet, V., Druilhe, R., Tromson-Carli, A., Lusson, A., Rommeluere, M., Grattepain, C., Marfaing, Y., Triboulet, R. Novel modulated flow technique for the OMCVD growth of CdHgTe at 300°C 48936
Salling, C.T., Lagally, M.G. Fabrication of atomic-scale structures on Si(001) surfaces 71539
Salloway, A.J., Twiney, R.C., Whatmore, R.W., Lane, R. The active control of sound reflection/transmission coefficients using piezoelectric composite materials 56172
Salman, S.K., Jiang, F. Comparison between the effects of embedded synchronous and induction generators on the voltage control of a distribution network 99688
Salmanov, V.M. *see* Kalafi, M. 100515
Salmelin, R. *see* Lounasmaa, O.V. 56260
Salmer, G. *see* Gobert, Y. 49647
Salmer, G. *see* Gobert, Y. 50041
Salmeron, M. *see* Zheng, J.F. 71103
Salmeron, M. *see* Zheng, J.F. 72812

Salmi, J. *see* Rando, N. 82355
Salminen, J. *see* Ahlback, J. 82424
Salminen, O., Ozols, A., Riihola, P. Effect of temperature change and storage time on holographic gratings in KBr crystals with colour centres 73129
Salmon, D. *see* Androutsopoulos, D. 96497
Salmon, G.L. *see* Booth, N.E. 59060
Salmon, G.L. *see* Goldie, D.J. 63304
Salmon, G.L. *see* Goldie, D.J. 76865
Salmon, G.L. *see* Swift, A.M. 59165
Salmon, J.C. PWM hybrid inverter drive circuit topologies that employ a dual voltage and current DC-link 69109
Salmon, L.G. *see* Stout, M.G. 48674
Salmon-Legagneur, T. *see* Dey, S. 95427
Saloka, G.S. *see* Mastrangelo, C.H. 55787
Salokatve, A., Jeon, H., Hovinen, M., Kelkar, P., Nurmikko, A.V., Grillo, D.C., Li He, Han, J., Fan, Y., Gunshor, R.L. Ridge waveguide, separate confinement green-blue heterostructure lasers 72873
Salokatve, A. *see* Han, J. 54884
Salokatve, A. *see* He, L. 91516
Saloma, C., Munoz, J. Refractive-index measurement at high spatial resolution by source doubling 76229
Salomaa, A. *see* Nurmi, H. 85786
Salomatov, A. *see* Smirnova, N. 88602
Salomon, G. *see* Degen, L. 66092
Salomon, M., Armitage, J., Dixit, M., Faszer, W., Lam, D., Oakham, G. Some properties of gas microstrip detectors made on Tedlar substrates and operating with CF_4/isobutane gas 88108
Salomon, M., Armitage, J., Dixit, M., Faszer, W., Lam, D., Oakham, G. Some properties of gas microstrip detectors made on Tedlar substrates and operating with CF_4/isobutane gas 98618
Salomon, M. *see* Anderson, D.F. 67315
Salomon, R.K. Implementing pollution prevention in DoD system acquisition programs—what more is needed 99385
Salomonson, V.V. *see* Hobish, M.K. 99166
Salon, S., Burow, D., DeBortoli, M., Slavik, C. Effects of slot closure and magnetic saturation on induction machine behavior 89935
Salon, S. *see* Braunstein, J. 83840
Salon, S. *see* Degeneff, R.C. 78682
Salon, S.J. *see* Gutierrez, M. 83498
Salonen, E.T. *see* Zhang, W. 57122
Salonen, J. Edge and motion controlled spatial upconversion 84913
Salonen, J. *see* Koivunen, T. 74317
Salopek, Z. *see* Barac, T. 97209
Salous, S. Dispersion of chirp pulses by the ionosphere 57116
Salous, S. Weighted spectral width of ionospherically dispersed chirp pulses 94830
Salous, S., Green, P.R. A novel digital chirp generator using a dual clock field programmable gate array architecture 92336
Salov, G.I. Nonparametric criteria for detection of contours, lines, strips, and crests of a given shape against random background 57687
Salowe, J.S. *see* Griffith, J. 91777
Salsburg, K. *see* Drake, K. 48677
Salt, J.E., Kumar, S. Effects of filtering on the performance of QPSK and MSK modulation in D-S spread spectrum systems using RAKE receivers 65610
Salt, J.E. *see* Panicker, J. 86051
Salter, I.W. *see* Atkinson, R. 72496
Salter, I.W. *see* Monaghan, J.B. 50600
Salter, M.A. *see* Spurdens, P.C. 81943
Salter, M.J. *see* Alexander, M.J. 73371
Salter, M.M. *see* Brezovich, I.A. 77043
Salter, P.L. *see* Oswin, J.R. 59611
Salter, S.H. Some new heresies on the training of engineers 54379
Salter, S.H. The European Wave Energy Symposium Edinburgh, July 1993 60124
Salter, T.M. *see* Paz-Pujalt, G.R. 82666
Saltnes, E. *see* Ramstad, T.A. 92397
Saltzberg, B.R. *see* Kalet, I. 51524
Saltzberg, M.A. *see* Donohue, P.C. 91056
Saltzman, D., Knight, T., Jr. Capacitive coupling solves the known good die problem 48685
Saluja, K. *see* Mujumdar, A. 70374
Saluja, K.K. *see* Franklin, M. 61690
Saluja, K.K. *see* Lee, S.Y. 49389
Salupo, C.S. *see* Neudeck, P.G. 55893
Salupo, C.S. *see* Neudeck, P.G. 63605
Salut, G. *see* Monin, A. 57550
Saluta, F. *see* Ajmone Marsan, M. 52094
Salvador, A., Huang, F., Sverdlov, B., Botchkarev, A.E., Morkoc, H. InP/InGaAs resonant cavity enhanced photodetector and light emitting diode with external mirrors on Si 82817
Salvador, A.C., Sundstrom, G.A. A task-based, graphical user interface for network management 52016
Salvador, C.H. *see* Gonzalez, M.A. 98737
Salvador, J.F. *see* Almeida, S.F.M. 52931
Salvador, P. *see* Chaparro, A.M. 81334
Salvan, F. *see* Dumas, P. 71070
Salvan, F. *see* Dumas, P. 71071
Salvan, F. *see* Petri, R. 62467
Salvan, F. *see* Vatel, O. 71068
Salvati, A.M. *see* Girgiuli, R. 89214
Salvati, R. *see* Amideo, P. 81115
Salvatico, M. *see* Pellegretti, P. 57785
Salvato, G. *see* Bosetti, M. 59145
Salvato, G. *see* Bosetti, M. 98565
Salvatori, I. *see* Brunetti, M.T. 87957
Salvatti, F. Technique eases design of high-order PLLs 61608
Salve, M.De *see* De Salve, M.
Salveta, K. *see* Tolle, D. 79235
Salvetti, G. *see* Falconieri, M. 82984
Salvi, F. *see* Benelli, G. 97151
Salviati, G., Ferrari, C., Lazzarini, L., Genova, F., Rigo, C., Schiavini, G.M., Taiariol, F. High resolution TEM and XRD study of interface composition inhomogeneities in CBE and MOCVD grown in (GaAs)P/InP multiple quantum wells 79837
Salvisti, G. *see* Lazzarini, L. 79826
Salvini, A. *see* Geri, A. 71959
Salvini, A. *see* Geri, A. 82430
Salvo, L.de *see* de Salvo, L.
Salvo, R.de *see* de Salvo, R.
Salvy, B. Fast computation of some asymptotic functional inverses 69805
Salz, J. *see* Winters, J.H. 58289
Salz, W. A two-dimensional measuring equipment for electrical steel 71964
Salz, W., Hempel, K.A., Mende, M. Loss separation under elliptically rotating B-field with bias field in electrical steel 56208
Salza, P.L., Spini, A., Quazza, S., Falcone, M. Prosody of a text-to-speech synthesizer for Italian in a dialogue system model and evaluation 64339
Salza Brown, T.Von *see* Von Salza Brown, T.
Salzborn, D., Chin-Fatt, A. Operational results of a vertical roller mill modified with a high efficiency classifier 60660
Salze, H. *see* Morweiser, W. 80903
Salzman, J. *see* Albrektsen, O. 56816
Salzman, J. *see* Betser, Y. 81825
Salzman, K. *see* Hudgens, R. 80736
Salzman, K. *see* Yarborough, R. 80836
Sam Choi Sang *see* Sang Sam Choi
Sam Chung Nak *see* Nak Sam Chung
Sam Kyu Noh *see* Joo In Lee 75833
Sam-Dong Kim, Lee, H., Harris, J.S., Jr. Molecular beam epitaxial growth of $In_{0.65}Ga_{0.35}As$ quantum wells on GaAs substrates for 1.5 μm exciton resonance 69946
Samaan, N., Sutano, D. An interactive computer aided package for electrical engineering education 69389
Samaan, N.D., Abdullah, F. Computer-aided modelling of pressure balances 66741
Samachisa, G. *see* Lee, D.J. 70524
Samad, M.A. *see* Aziz, M.A. 54584
Samadani, R., Lanham, J., Loomis, D., Silverstein, L.D., Larimer, J. Periodic plane tilings: application to pixel layout simulations for color flat-panel displays 98239
Samadi, B. *see* Morris, R.J.T. 74630
Samadi, S., Nishihara, A., Fujii, N. Parallel and modular structures for FIR digital filters 49558
Samadi, S., Nishihara, A., Fujii, N. Graceful degradation for multiprocessor realization of maximally flat FIR digital filters 80490
Samak, D.K., Chopra, I. Design of high force, high displacement actuators for helicopter rotors 88624
Samal, A., Iyengar, P.A. Natural shape detection based on principal component analysis 51718
Samalam, V. *see* Mussman, H. 75424
Samani, D.M., Ellinger, J., Powers, E.J., Swartzlander, E.E., Jr. Implementation of several RLS nonlinear adaptive algorithms using a commercial floating point digital signal processor 92402
Samanta, B. *see* Ray, M.C. 71891
Samanta, P. *see* Stock, D. 99879
Samarasinghe, V.G.D.C., Pahalawaththa, N.C. Design of universal variable-structure controller for dynamic stabilisation of power systems 77908
Samarasinghe, V.G.D.C., Pahalawaththa, N.C. Application of variable structure control techniques for improving power system dynamic stability 99514
Samarati, P. *see* Sandhu, R.S. 85731
Samaratunga, R.C., Pratt, R.G., Yong Zhu, Massoth, R.J., Thomas, S.R. Implementation of a modified birdcage resonator for $^{19}F/^{1}H$ MRI at low fields (0.14 T) 67470
Samarets, G.N. *see* Antikain, P.A. 89462
Samaria, F., Young, S. HMM-based architecture for face identification 84608
Samarin, I.N., Pozhidayev, V.N. Estimate of probability-time characteristics of the attenuation of radio waves with frequencies of 10-35 GHz on slant paths in rain 83680
Samarskii, A.A. *see* Mazhukin, V.I. 73184
Samarth, N. *see* Luo, H. 54854
Samartsev, I.E. *see* Alekseev, E.I. 52883
Samartsev, V.V. *see* Nefed'ev, L.A. 50972
Samavedam, G. *see* Leung, E. 82481
Samcovic, A. *see* Bojkovic, Z. 85168
Samcovic, A. *see* Milovanovic, D. 74271
Sameh, A.H. *see* Berry, M.W. 79697
Samejima, S. Recent trends of satellite communication technology 65713
Samelis, A., Pehlke, D.R., Pavlidis, D. Volterra series based nonlinear simulation of HBTs using analytically extracted models 62720
Samelis, A. *see* Ng, G.I. 55925
Samelis, A. *see* Ng, G.I. 93329
Sameshima, K. *see* Fujii, T. 100593
Sameshima, T. Fabrication of poly-Si TFTs using laser annealing technique 71628
Sameshima, T. Laser beam application in semiconductor technology [polysilicon TFT] 81869
Sameshima, T., Kohno, A., Sekiya, M., Hara, M., Sano, N. Improvement of gate-insulator/silicon interface characteristics in amorphous silicon thin film transistors 71647
Sameshima, Y., Kitamura, Y., Fukazawa, T. Multiple signature analysis method using fault simulation 92080
Samfat, D. *see* Molva, R. 65626
Samhan, M.A., Al-Thukair, F.A. Fuzzy ideals and filters on lattices 79578
Sami, M. *see* Alippi, C. 53346
Sami, M. *see* Alippi, C. 67381
Sami, M. *see* Dell'Acqua, A. 87955
Sami, M. *see* Dell'Acqua, A. 98680
Samimi, H. *see* Golnabi, H. 83227
Saminadayar, K. *see* Baron, T. 81420
Saminadayar, K. *see* Bassani, F. 62254
Saminadayar, K. *see* Eymery, J. 69924
Saminathan, M., Sekutowski, J.C., Williams, G. Waste minimization in electronic component processing—a systems approach 54480
Samir, W., Pask, C., Garth, S.J. Design parameters for two-mode-interference couplers with varying nonlinearity 63447
Samir, W. *see* Tran, H.T. 64001
Samir, W. *see* Tran, H.T. 64982
Samitier, J., Lopez-Villegas, J.M., Marco, S., Camara, L., Pardo, A., Ruiz, O., Morante, J.R. A new method to analyse signal transients in chemical sensors 58885
Samitier, J. *see* Burrer, C. 66242
Samitier, J. *see* Scheid, E. 49900
Samlin, G.E. *see* Patterson, E.L. 82929
Samm, R. Burying cable on hallowed ground 59943
Sammakia, B.G. *see* Subbarayan, G. 91020
Samman, M.M. *see* Biswas, M. 77758
Sammarco, A. *see* Isaksson, M. 97113
Sammes, N.M., Brown, M.S., Ratnaraj, R. Wet powder spraying of a cermet anode for a planar solid oxide fuel cell system 70177
Sammes, N.M., Ratnaraj, R. New process for fabricating interconnect plate for a planar solid oxide fuel cell 60430
Sammes, N.M., Ratnaraj, R.R., Phillipps, M.B. Design of a stacked solid oxide fuel cell for New Zealand applications 68990
Sammet, W. *see* Rall, B. 69167
Sammut, R.A. Nonlinear planar waveguides with graded-index core: power series solution 50514
Sammut, R.A. *see* Chiang, K.S. 63424
Sammut, R.A. *see* Tran, H.T. 56371
Sammut, R.A. *see* Tran, H.T. 64001
Sammut, R.A. *see* Tran, H.T. 64982
Samoilenko, G.M. *see* Artemenko, S.N. 82350
Samoilenko, M.V. Using an optical channel to process the extended image of a target in the task of high-accuracy secondary processing of radar data 51554
Samoilenko, V.I., Yakovlev, A.V. Use of correlation procedures for image registration with local bright pixels 74406
Samoiloff, A. *see* Kalish, R. 55697
Samoilov, O.B. *see* Mitenkov, F.M. 68372
Samoilov, V.B., Shchedrina, L.V. Electrothermal interaction in ferroelectric materials and the noise equivalent power of pyroelectric detectors 87200
Samoilova, T.B. *see* Kozyrev, A.B. 82309
Samoilovich, Yu.A., Kabakov, Z.K., Bryksin, V.M., Podorvanov, A.G., Chesnitskaya, E.A. Finding the magnetic fields in a conductive electromagnetic agitation assembly 60637
Samokhvalov, A.A. *see* Loshkareva, N.N. 72494
Samokhvalov, I.V. *see* Krekova, M.M. 86603
Samokhvalov, M.K. Kinetics of current transfer in thin-film electroluminescent emitters excited by an alternating voltage 56561
Samokhvalov, M.K. Electrical modeling of thin-film electroluminescent capacitors 82833
Samokhvalov, M.K., Ryabinov, E.B. Energy dissipation in thin-film electroluminescent structures 72613
Samorukov, B.E. *see* Slobodchikov, S.V. 49957
Samoska, L. *see* Brar, B. 55618
Samoska, L.A., Berinder Brar, Kroemer, H. Normal incidence quantum well infrared photodetectors utilizing ellipsoidal valley intersubband transitions in *n*-type GaSb-AlSb multiquantum wells 66329
Samoto, N. *see* Onda, K. 80686
Samotyi, M.J. *see* Mansoor, A. 89235
Samotyj, M. *see* Karady, G.G. 78873
Samotyj, M. *see* Lamoree, J. 77881
Samotyj, M. *see* Melhorn, C.J. 68213
Samotyj, M. *see* Tang, L. 69225
Samotyj, M.J. *see* Balda, J.C. 67997
Samotyj, M.J. *see* Chang, W.K. 77988
Samotyj, M.J. *see* Chang, W.K. 89236

Samoylov, O.B. Advanced passive pressurised water reactors of small and medium capacity—Russian approach 89533
Sampaio, J.F. *see* de Oliveira, A.G. 48919
Sampaio, J.F. *see* Neves, B.R.A. 49798
Sampalis, J. *see* Weiss, P.L. 67457
Sampat, M.P. *see* Walling, R.A. 68199
Sampathkumar, C.B., Kettler, D.J., Brady, B.J., Poirier, J.P.A. Fire damage reconstruction of a 50 MW combined cycle power plant 78466
SampathKumar, S., Ramanathan, S., Rangan, P.V. Technologies for distribution of interactive multimedia to residential subscribers 85465
Sampayan, S.E. *see* Lasnier, C.J. 63879
Sampei, S. *see* Kamio, K. 75328
Sampei, S. *see* Kinoshita, N. 86155
Sampei, S. *see* Nagayasu, T. 58278
Sampei, S. *see* Nagayasu, T. 95439
Sampson, D.D., Holloway, W.T. 100 mW spectrally-uniform broadband ASE source for spectrum-sliced WDM systems 86018
Sampson, D.D., Holloway, W.T. Transmission of 622 Mbit/s spectrum-sliced WDM channel over 60 km of nondispersion-shifted fibre at 1550 nm 97249
Sampson, D.D. *see* Read, I.J. 50507
Sampson, D.D. *see* Read, I.J. 87213
Sampson, D.G., da Silva, E.A.B., Ghanbari, M. Wavelet transform image coding using lattice vector quantisation 84840
Sampson, W. *see* Gupta, R. 76648
Sampson, W. *see* Ingold, G. 63868
Sampson, W. *see* Lindner, M. 82420
Sampson, W. *see* Muratore, J. 82419
Sampson, W. *see* Solomon, L. 63880
Sampson, W. *see* Thompson, P. 76655
Sampson, W. *see* Wanderer, P. 82421
Sampson, W. *see* Wanderer, P. 82422
Sampson, W.B. *see* Danby, G.T. 87675
Sampson, W.B. *see* Ghosh, A.K. 76647
Sampson, W.B. *see* Ghosh, A.K. 82417
Sampson, W.B. *see* Meng, W. 76700
Samra, A.H., Teshome, A. Current injection method to eliminate harmonics in AC power systems 53708
Samra, A.H. *see* Toro, M. 89158
Samri, M. *see* Larochelle, Y. 87990
Samson, A.M. *see* Gaiko, O.L. 63664
Samson, A.M. *see* Gaiko, O.L. 82899
Samson, A.M. *see* Kotomtseva, L.A. 94631
Samson, A.M. *see* Logvin, Yu.A. 94627
Samson, A.M. *see* Loiko, N.A. 94633
Samson, B. *see* Hewak, D.W. 56708
Samson, B. *see* Hewak, D.W. 56726
Samson, B.A. *see* Apanasevich, P.A. 73009
Samson, B.N., Medeiros Neto, J.A., Laming, R.I., Hewak, D.W. Dysprosium doped Ga:La:S glass for an efficient optical fibre amplifier operating at 1.3 μm 83017
Samson, B.N. *see* Hewak, D.W. 63708
Samsonenko, Yu.B. *see* Golubok, A.O. 54831
Samsonenko, Yu.B. *see* Ledentsov, N.N. 70012
Samsonov, E.V. *see* Alenitckiy, Yu.G. 94015
Samsonov, N.S. *see* Maslovskii, V.M. 71239
Samsonov, P. Remote visual inspection for NDE in power plants 52953
Samsonov, V. *see* Carrigan, R.A., Jr. 59039
Samsonov, V.M. *see* Baublis, V.V. 59244
Samsonova, T.P. *see* Ivanov, P.A. 93060
Samudio, R., Pillay, P. DSP based control of switched reluctance motors 90505
Samudra, G., Yong, A., Teng Kiat Lee, Arora, V.K. The role of velocity saturation in the switching delay of an R-C loaded inverter 56079
Samudra, G.S., Hsio Lin Lee A set of analytic formulas for capacitance of VLSI interconnects of trapezium shape 82036
Samudra, G.S. *see* Leng Seow Tan 71715
Samuel, A.H. *see* Zhu, Z. 58896
Samuel, I.D.W., Ledoux, I., Dhenaut, C., Zyss, J., Fox, H.H., Schrock, R.R., Silbey, R.J. Saturation of cubic optical nonlinearity in long-chain polyene oligomers 83291
Samuel, I.D.W. *see* Josse, D. 73006
Samuel, J. *see* Hsia, P. 52274
Samuel, R. *see* Rao, M.V. 73130
Samuel-Cahn, E. Note on a theorem of Edelman on inadmissibility of fixed-sample procedures 79533
Samueli, H. *see* Chang, G. 91932
Samueli, H. *see* Chien, C. 97007
Samueli, H. *see* Joshi, R.B. 97631
Samuels, D. *see* Ferguson, R. 71450
Samuelsen, M.R. *see* Korotkov, A.N. 93517
Samuelson, L., Deppert, K., Gray, S., Gustafsson, A., Hansson, H.-C., Johansson, M., Maximov, I., Seifert, W., Wiedensohler, A. Studies of GaInAs/InP quantum dots processed from aerosol deposited particles 55638
Samuelson, L. *see* Ayyagari, M. 87305
Samuelson, L. *see* Deppert, K. 62475
Samuelson, L.A., Wiley, B., Kaplan, D.L., Sengupta, S., Kamath, M., Lim, J.O., Cazeca, M., Kumar, J., Marx, K.A., Tripathy, S.K. Intelligent systems based on ordered arrays of biological molecules using the LB technique 66518
Samuelson, L.A. *see* Chen, Z. 87304
Samuelson, L.S. *see* Chhabra, D.S. 72144
Samuila, A. *see* Dascalescu, L. 64105
Samuila, A. *see* Dascalescu, L. 64109
Samuila, A. *see* Dascalescu, L. 73238
Samukawa, S. Highly selective and highly anisotropic SiO_2 etching in pulse-time modulated electron cyclotron resonance plasma 55802
Samukawa, S. Pulse-time-modulated electron cyclotron resonance plasma etching for highly selective, highly anisotropic, and notch-free polycrystalline silicon patterning 62495
Samukawa, S., Terada, K. Pulse-time modulated ECR plasma etching for highly selective, highly anisotropic and less-charging poly-Si gate patterning 71380
Samukhin, A.N. *see* Hrdina, J. 94550
Samulski, T. *see* Oleson, J. 79015
Samulski, T.V. *see* Clegg, S.T. 98931
Samusenko, A.I. Mathematical modeling of radiators of ultrathin conductors 57217
Samwatari, M. *see* Suzuki, K. 50831
Samwell, R. *see* Burt, G.M. 59754
Samwell, R. *see* Burt, G.M. 59813
Samwer, K. *see* Helmolt, R.v. 50204
Samy, R., Duclos, D. Pyramidal M.R.F. models for optical flow estimation applied to target detection 84588
San, T. *see* Dunn, C. 61695
San Cai Xuan *see* Xuan San Cai
San Chang Che *see* Che San Chang
San Emeterio, J.L. *see* Ullate, L.G. 88894
San Emeterio Prieto, J.L. Accuracy of the formulas used for the characterization of piezoelectric thickness mode resonators with impedance analyzers 56175
San Guan Tut *see* Tut San Guan
San Lein Wu, Shui Jinn Wang, Chen Chin Liu High-performance double δ-doped channel Si metal semiconductor field-effect transistors 93490
San Lein Wu *see* Shui Jinn Wang 62650
San Martin, R., Knight, J.P. Genetic algorithms for optimization of integrated circuits synthesis 56062
San Miguel, M. *see* Balle, S. 56781
San Miguel, M. *see* Dellunde, J. 72664
San-Kui Gou The equilibrium analysis of the differential difference equation for the probability amplitude in a wiggler-pumped free-electron laser with an axial-guide magnetic field 94548
San-qi Li, Hong-Dah Sheng Discrete queueing analysis of multimedia traffic with diversity of correlation and burstiness properties 51809
San-Qi Li, Song Chong, Chia-Lin Hwang, Xirong Zhao Link capacity allocation and network control by filtered input rate in high speed networks 96375
San-Qi Li *see* Chia-Lin Hwang 65017
San-Qi Li *see* Hong-Dah Sheng 51807
San-Qi Li *see* Hong-Dah Sheng 57944
San-Qi Li *see* Jingdong Ye 51803
Sana, A.-R., Mahseredjian, J., Xuan Dai Do, Dommel, H. Treatment of discontinuities in time-domain simulation of switched networks 90118
Sana, P., Rohatgi, A., Kalejs, J.P., Bell, R.O. The effect of aluminum treatment and forming gas anneal on EFG silicon solar cells 100621
Sana, P. *see* Rohatgi, A. 81202
Sana, P. *see* Rohatgi, A. 100574
Sana, P. *see* Rohatgi, A. 100612
Sanada, A., Fukui, K., Nogi, S. A waveguide type power divider/combiner of double-ladder multiple-port structure 70863
Sanada, H., Nagai, N., Ohtani, N., Miki, N., Ohkama, H. Complex-valued equivalent circuits which represent the connection of wave functions at the heterointerfaces 81995
Sanada, H. *see* Mizuguchi, H. 94097
Sanada, K., Aoki, K., Maeno, H., Matsumoto, H., Sasada, M. A 0.5μm semicustom CMOS IC 55192
Sanada, K., Maeno, H. A semicustom 0.5 μm CMOS IC 92214
Sanada, K. *see* Shikama, T. 82598
Sanada, K. *see* Yamamoto, R. 93793
Sanada, M., Morimoto, S., Takeda, Y. Thrust control for linear pulse motor using micro-step drive 60526
Sanada, M. *see* Mine, K. 75961
Sanada, M. *see* Mine, K. 97859
Sanada, M. *see* Morimoto, S. 69046
Sanada, M. *see* Morimoto, S. 78608
Sanada, N. *see* Fukuda, Y. 81516
Sanadhya, J.K. *see* Pandya, K.R. 51100
Sanaie, R., Chiprout, E., Nakhla, M.S., Zhang, Q.J. Integrating subnetworks characterized by measured data into moment-matching simulations 49115
Sanaie, R., Chiprout, E., Nakhla, M.S., Zhang, Q.J. Fast method for frequency and time domain simulation of high-speed VLSI interconnects 82056
Sanakkayala, B.N. *see* Morgan, D.J. 64360
Sanaye, S.S. *see* Bhatt, B.C. 88606
Sanboh Lee *see* Chun-Kan Hou 72001
Sanborn, W. *see* Flaherty, E. 62371
Sancheti, S., Fusco, V.F. Self detection performance of an FET active patch antenna under injection locking and its application for PM signal detection 73498
Sancheti, S., Fusco, V.F. Active antenna top-cover frequency pulling effects 95044
Sanchez, A.G. *see* Balibrea, L.-M.T. 73918
Sanchez, A.M. *see* Bernaldo de Quiros, J.G. 100383
Sanchez, E. A viable alternative for the defense electronics industry: aqueous cleaning 77766
Sanchez, E. *see* Angell, C.A. 90346
Sanchez, E. *see* Perotto, J.-F. 80353
Sanchez, F. *see* Le Boudec, P. 56647
Sanchez, F.J.Garcia *see* Garcia Sanchez, F.J.
Sanchez, H. *see* Alvarez, J. 70328
Sanchez, H. *see* Pham, D. 92287
Sanchez, I., Pillay, P. Sensitivity analysis of induction motor parameters 89969
Sanchez, I. *see* Ma, J. 62974
Sanchez, J. *see* Alba, J.J. 77931
Sanchez, J. *see* Binefa, X. 79481
Sanchez, J. *see* Hartfuss, H.J. 76173
Sanchez, J. *see* Perez, F.X. 79480
Sanchez, J.-L., Berriane, R., Jalade, J. Light triggered thyristor with a MOS amplifying gate: an example of a galvanically insulated high voltage integrated switch 56553
Sanchez, J.C. *see* Hernandez, E. 62209
Sanchez, J.M., Ballesteros, J. Simulated annealing for folding of programmable logic arrays 49346
Sanchez, J.M., Priest, J.W. Heuristic-based model for microsequencing components in printed circuit board assembly 61472
Sanchez, J.M.P. *see* Manteiga, W.G. 69669
Sanchez, M.C. *see* Garcia, A. 66193
Sanchez, M.Garcia *see* Garcia Sanchez, M.
Sanchez, M.L. *see* Tejedor, M. 56211
Sanchez, O. *see* Vazquez, L. 71080
Sanchez, O. *see* Vazquez, L. 79968
Sanchez, P. *see* Garcia, A. 66193
Sanchez, P.-I., Mazumdar, R. A definition of congestion: applications to ATM bandwidth management 65012
Sanchez, P.P. *see* Azcondo, F.J. 93763
Sanchez, S. *see* Guillemoles, J.F. 90397
Sanchez, S. *see* Thouin, L. 81260
Sanchez, T., Anaya, J.J., Fritsch, C. Performance of the IMS A100 digital signal processor for real-time deconvolution 70607
Sanchez, V.E., Adoul, J.-P. Low-delay wideband speech coding using a new frequency domain approach 84059
Sanchez Balmaseda, M. *see* de Sande, J.C.G. 66649
Sanchez del Rio, M. *see* Burattini, E. 87745
Sanchez Galindez, J.A. *see* Burgos Fernandez, A. 69315
Sanchez Galindez, J.A. *see* Llorente Gonzalez, J.I. 69314
Sanchez Garcia, I. *see* Salinas, A. 51204
Sanchez Llamazares, J.L., Diaz Castanon, S., Lopez Nunez, G., Mirabal Garcia, M. Observation of minor magnetic phases in as-cast $Nd_2(Fe_{1-x}Al_x)_{14}B$-based and related alloys 50231
Sanchez-Avila, C. An adaptive regularized method for deconvolution of signals with edges by convex projections 74090
Sanchez-Doblado, F., Arrans, R., Terron, J.A., Sanchez-Nieto, B., Errazquin, L. Computerised semiconductor probe-based system for in vivo dosimetry of patients undergoing high-energy radiotherapy 99014
Sanchez-Hernandez, D., Robertson, I. 60 GHz-band active microstrip patch antenna for future mobile systems applications 57238
Sanchez-Mondragon, J.J. *see* Marti-Panameno, E. 63697
Sanchez-Nieto, B. *see* Sanchez-Doblado, F. 99014
Sanchez-P, J.-A. *see* Venieris, I.S. 65525
Sanchez-Papaspiliou, J.-A. *see* Venieris, I.S. 65366
Sanchez-Perea, M. *see* Izquierdo-Rocha, J.M. 89489
Sanchez-Rojas, J.L., Munoz, E. Self-consistent calculations of [111]-oriented GaAs and InP based pseudomorphic HEMT's 62896
Sanchez-Rojas, J.L. *see* David, J.P.R. 93314
Sanchez-Sinencio, E. *see* Espejo, S. 80520
Sanchez-Sinencio, E. *see* Moreira-Tamayo, O. 55326
Sanchez-Sinencio, E. *see* Ramirez-Angulo, J. 92359
Sanchez-Sinencio, E. *see* Ramirez-Angulo, J. 92360
Sanchez-Sinencio, E. *see* Somayajula, S.S. 49194
Sanchez-Solano, S. *see* Baturone, I. 55350
Sanchez-Solano, S. *see* Huertas, J.L. 49588
Sanchez-Solano, S. *see* Huertas, J.L. 62993
Sanchez-Soto, L.L. *see* Monzon, J.J. 87274
Sanchis, E. *see* Dede, E.J. 90658
Sanchis, E. *see* Galiano, I. 64392
Sancho, J. *see* Garcia, J.R. 68689
Sancho, J.M. *see* Dellunde, J. 72664
Sanctis, M.De *see* De Sanctis, M.
Sand, F., Dougherty, E.R. Estimation of shape mixture by granulometric methods 85127
Sand, K. *see* Guneriussen, T. 77472
Sandaiji, H. *see* Takai, M. 50251
Sandalphon *see* Meerholz, K. 94040

Sandbank, A., Intrater, G., Oz, O., Baydatch, Y., Lezerovitz, A., Frieziet, A. The NS32AM163. A versatile digital answering machine 75124
Sandberg, I.W. Notes on PQ theorems 48739
Sandberg, I.W. General structures for classification 64513
Sandberg, I.W. An algorithm for solving the equations of monotone non-linear resistive networks 91860
Sandberg, J. *see* Reece, R.K. 68746
Sandberg, U. Meeting the needs of the direct audio broadcast marketplace with satellite digital transmission and compression technology 97602
Sandborg, M., Dance, D.R., Alm Carlsson, G., Persliden, J. Monte Carlo study of grid performance in diagnostic radiology: task dependent optimization for screen-film imaging 59368
Sandborg, M., Dance, D.R., Alm Carlsson, G., Persliden, J., Tapiovaara, M.J. A Monte Carlo study of grid performance in diagnostic radiology: task-dependent optimization for digital imaging 88477
Sandborg, M., Dance, D.R., Persliden, J., Carlsson, G.A. A Monte Carlo program for the calculation of contrast, noise and absorbed dose in diagnostic radiology 53400
Sandborn, P. *see* Abadir, M. 79285
Sandborn, P. *see* Hashemi, H. 91061
Sandborn, P.A., Abadir, M.S., Murphy, C.F. The tradeoff between peripheral and area array bonding of components in multichip modules 62034
Sandborn, P.A., Ghosh, R., Drake, K., Abadir, M., Bal, L., Parikh, A. Multichip systems trade-off analysis tool 79368
Sandborn, P.A., Hashemi, H., Bal, L. Design of MCMs for insertion into standard surface mount packages 90973
Sandborn, P.A., Hashemi, H., Bal, L., Abadir, M. Technology application tradeoff studies in multichip systems 79317
Sandborn, P.A. *see* Abadir, M.S. 55485
Sande, J.C.G.de *see* de Sande, J.C.G.
Sandell, G.R.A., Hester, R.B. MD-11 FANS implementation 77130
Sandell, M. *see* Grennberg, A. 88892
Sandelli, G.J., Trocciola, J.C., Spiegel, R.J. Landfill gas pretreatment for fuel cell applications 60151
Sanden, J.J.van der *see* van der Sanden, J.J.
Sander, J. *see* Clark, A. 88763
Sander, O.R. *see* Gilpatrick, J.D. 98456
Sander, O.R. *see* Johnson, K.F. 76415
Sander, O.R. *see* Johnson, K.F. 76427
Sander, R. *see* Vestweber, H. 72636
Sander-Jochem, M.J.H. *see* Binsma, J.J.M. 56783
Sanders, B., Margheim, A., Jee, D., Breaux, P., Grubbs, D. Network infrastructure [PEER1] 65253
Sanders, B.W. *see* Post, M.L. 87321
Sanders, G. *see* de Carvalho, R.T. 76042
Sanders, G.D., Sun, C.-K., Fujimoto, J.G., Choi, H.K., Wang, C.A., Stanton, C.J. Carrier-gain dynamics in $In_xGa_{1-x}As/Al_yGa_{1-y}As$ as strained-layer single-quantum-well diode lasers: comparison of theory and experiment 94456
Sanders, I.L. *see* El-Hilo, M. 50227
Sanders, J.E., Daly, C.H., Cummings, W.R., Reed, R.D., Marks, R.J. A measurement device to assist amputee prosthetic fitting 76879
Sanders, M.L. *see* Beauchamp, W.T. 100755
Sanders, M.P. *see* McElray, J.L. 78228
Sanders, M.R. The unique features being used by Dallas area rapid transit 69129
Sanders, P.Colleen *see* Colleen Sanders, P.
Sanders, P.D. Considerations for operations training on retrofit CRT control systems 78262
Sanders, P.M. *see* Utton, P.C. 96530
Sanders, P.W. *see* Reynolds, P.L. 51910
Sanders, R. *see* Brennan, J.M. 67178
Sanders, R.T., Cameron, P., Damm, R., Dunbar, A., Goldman, M., Kasha, D., McNerney, A., Meth, M., Batti, A., Spitz, R. Test results of the AGS booster low frequency RF system 67163
Sanders, S.J. *see* Farrar, K.A. 67396
Sanders, S.P. *see* Markel, M. 90740
Sanders, S.R. *see* Acker, B. 61521
Sanders, S.R. *see* Chaofu Kao 100132
Sanders, S.R. *see* Stratakos, A.J. 91887
Sanders, T.J., Shahsavari, M.M., Means, D.P. The use of STADIUM statistical TCAD simulation methodology in industrial environments 55093
Sanders, T.J. *see* Calvino, J.F. 54478
Sanders, T.J. *see* Hess, G.T. 54545
Sanders, T.J. *see* Shahsavasi, M.M. 80058
Sanderson, A.C. *see* Joshi, R. 51689
Sanderson, A.C. *see* Joshi, R. 95608
Sanderson, A.C. *see* Ravichandran, B. 96083
Sanderson, D. The CSCW implementation process: an interpretative model and case study of the implementation of a videoconference system 96837
Sanderson, I. *see* Franchot, C.J. 89594
Sanderson, J.M. *see* May, R.G. 98051
Sanderson, L.K. *see* Gander, R.E. 87002
Sanderson, M.L. Sensors for multiphase flow measurement 87087
Sanderson, T. Developments in mobile digital radio communications testing 75282
Sandhu, D. *see* Chang, K.C. 96751
Sandhu, H.S. *see* Gill, D.S. 85656
Sandhu, N.S. *see* You-Wen Yau 91012
Sandhu, N.S. *see* You-Wen Yau 91013
Sandhu, R.S., Samarati, P. Access control: principle and practice 85731
Sandhu, S. *see* Rappaport, T.S. 65665
Sandick, H.J. *see* Doeringer, W.A. 65362
Sandler, M. *see* Dunn, C. 49515
Sandler, M.B. *see* Goldberg, J.M. 70696
Sandler, M.B. *see* Kershaw, S.M. 49516
Sandler, M.S. *see* Leontyev, I.K. 92349
Sandler, N. *see* Fazan, P.C. 61720
Sandler, S.S., King, R.W.P. Compact conical antennas for wide-band coverage 51246
Sandler, S.S. *see* King, R.W.P. 51212
Sandlund, L., Fahlander, M., Cedell, T., Clark, A.E., Restorff, J.B., Wun-Fogle, M. Magnetostriction, elastic moduli, and coupling factors of composite Terfenol-D 63171
Sandmaier, H. *see* Klumpp, A. 54961
Sandmaier, H. *see* Kozlowski, F. 63596
Sandmaier, H. *see* Lang, W. 62472
Sandor Kabos *see* Agnes Kummert 85162
Sandoval, D.P., Garcia, R.C., Gilpatrick, J.D., Shinas, M.A., Wright, R., Yuan, V., Zander, M.E. Fluorescence-based video profile beam diagnostics: theory and experience 98467
Sandoval, D.P. *see* Gilpatrick, J.D. 98456
Sandoval, D.P. *see* Johnson, K.F. 76427
Sandoval, F., Cancelo, J.C., Garcia-Perez, F. Calibration of deep level measurement systems in semiconductors 97764
Sandoval, F. *see* Estrella, A.D. 51749
Sandoval-Ibarra, F. *see* Aceves-Mijares, M. 87078
Sandoz, P. Profilometry by white light auto-correlation function sampling 76205
Sandrasegaran, K., Cheung, W., Hossein, R., Zia, V., Malowany, A. A computer-based learning environment for electronic fault diagnosis 90837
Sandro, J. *see* Brown, D. 59084
Sands, N.P., Cioffi, J.M. Nonlinear channel models for digital magnetic recording 50329
Sands, T. *see* Ramesh, R. 55660
Sands, T. *see* Tanaka, M. 54845
Sands, T. *see* Yilmaz, S. 82712
Sandstrom, D. *see* Mil'shtein, S. 90390
Sandstrom, U. *see* Djupsjobacka, M. 98901
Sandu, D. *see* Bejan, V. 75923
Sandu, D.D. *see* Manolache, F. 49129
Sandu, M. *see* Afanasiev, S.V. 52771
Sandu, V., Jaklovszky, J., Miu, D., Dragulinescu, D., Grigoriu, C., Bunescu, M.C. $LaAlO_3$ thin films deposited on silicon and sapphire as buffer layers for $YBa_2Cu_3O_{7-x}$ 79932
Sandven, S. *see* Shuchman, R.A. 77432
Sandvoss, J. *see* Delgrossi, L. 65126
Sandvoss, J. *see* Graf, M. 85531
Sandvoss, J. *see* Schutt, T. 96377
Sandweiss, J. Hadron and photon beams for bubble chambers 76804
Sandweiss, J. *see* Barov, N. 76633
Sandweiss, J. *see* Fisher, A.S. 76360
Sandwisch, D.W. *see* Meyers, P.V. 90426
Sandwith, C.J., Ruedisueli, R.L., Booth, K.G., Papageorge, J.P., Eng, B.A. Monitoring corrosion in submarine sonar domes 86605
Sandys, R.R. *see* Lange, J.J. 66501
Sanfacon, M.M. *see* Karam, N.H. 91629
Sanfacon, M.M. *see* Lush, G.B. 100735
Sanfacon, M.M. *see* Wojtczuk, S.J. 100672
Sanford, B.D. *see* Foyle, D.C. 99063
Sanford, J.R. Scattering by spherically stratified microwave lens antennas 73515
Sanford, M.O. Estimating capital cost uncertainty for advanced light water reactors—lessons learned 78303
Sanford, M.O., Whitaker, E.W. Evaluating power supply options with a dynamic decision model 89173
Sanford, T.W.L., Halbleib, J.A., Welch, D.R., Mock, R.C. Very intense pulsed electron beam 76389
Sanford, T.W.L., Poukey, J.W., Halbleib, J.A., Mock, R.C. Compound-lens injector for a 19-MeV, 700-kA electron beam 67023
Sang, S.-i. *see* Fukuda, S. 68779
Sang Bae Kim *see* Chang Gyun Kim 83074
Sang Bae Park, Jon Ha Ryu, Kyun Kyung Lee Stochastic model of the bearing estimator using cross-correlation method 75654
Sang Bae Yi, Sung Doo Joh, Dong Chan Moon, Kwang Yell Seo, Hyung Ok Lee Energy distributions of the $Si-SiO_2$ interface trap density in the nonvolatile SNOSFET memories by the charge pumping method 70495
Sang Baosheng *see* Li Siyuan 80105
Sang Baosheng *see* Li Siyuan 81928
Sang Baosheng *see* Li Siyuan 100223
Sang Burm Rhee *see* Jeong Ho Kim 74846
Sang Burm Rhee *see* Nam Su Park 74899
Sang Don Lee *see* Dong Ryul Ryu 81900
Sang En-Fang *see* En-Fang Sang
Sang Enfang *see* Xiao Dunhe 74435
Sang Eon Park *see* Ho Seong Lee 83099
Sang Gee Kim *see* Cha Hwan Oh 56875
Sang gi Yu, Yeo Hwan Kim, Kuk jin Chun, Jong Duk Lee The fabrication of the 0.1 μm NMOSFET by E-beam lithography 71687
Sang Gon Lee, Sang Jae Moon An analysis of bit error probability of Reed-Solomon/convolutional concatenated codes 83941
Sang Gyun Woo *see* Seong Woon Choi 62582
Sang Hee Lee *see* Dae Keuk Kim 95157
Sang Ho Ahn, Ki Lyong Kwon, Kyu Ik Sohng, Duk Gyoo Kim, Kuhn Il Lee Hardware realization of a real time 2D digital homomorphic filter 61816
Sang Hoon Chai, Tae Hoon Yoon, Jae Chang Kim Fabrication of a neural network IC for Korean vowels recognition 80522
Sang Hoon Choi, Kwang Kee Lee, In Kim, Yong Kyun Lee, Kyu Tae Park A study on hybrid image coder using a reconfigurable multiprocessor system (study II: parallel algorithm implementation) 75731
Sang Hoon Choi, Kwang Kee Lee, Je Ik Kim, Seung Chul Yoon, Kyu Tae Park A study on hybrid image coder using a reconfigurable multiprocessor system (study I: H/W implementation) 75730
Sang Hun Paek *see* Jae Pyung Mah 71860
Sang Hwang Yoo *see* Yoo Sang Hwang
Sang In Lee *see* Doo Sik Shin 81566
Sang Jae Moon *see* Sang Gon Lee 83941
Sang Jik Kwon Formation of the shallow p^+-n junction by As^- preamorphization method and its characterization 93139
Sang Jik Kwon *see* Yeo Hwan Kim 62743
Sang Jun Lee *see* Kyeong Deok Moon 85369
Sang Kang Moun *see* Moun Sang Kang
Sang Kim Chong *see* Chong Sang Kim
Sang Kook Chun *see* Nayak, D.K. 55531
Sang Kyu Park, Seong Woo Seo, Shi Woo Rhee Experimental study of reactive ion etching of tungsten films using SF_6 plasma 81567
Sang Lee Eung *see* Eung Sang Lee
Sang Lee Wing *see* Wing Sang Lee
Sang Lyul Min *see* Hyun Tae Jung 58198
Sang Myung Kim, Il Hyeong Lee, Suk Hyun Shin, Jin Ho Seo, Kwang Seok Seo, Jin Koo Rhee A study on fabrications of GaAs power MESFETs with an undoped surface layer 71737
Sang Myung Kim *see* In Shig Park 81941
Sang On Choi *see* Kawahito, S. 52826
Sang Qiao *see* Qiao Sang
Sang Rock Lee, Si Woo Park, Sun Ki Lee, Jin Woo Park Playback signal processing in a digital high density magnetic recording system 72125
Sang Sam Choi *see* Hong Chu 82910
Sang Seol Lee *see* Min Soo Lee 94938
Sang Seul Lee *see* Hwang Ryu 83701
Sang Seul Lee *see* Jung Sub Hwang 73458
Sang Seul Lee *see* Jung Sub Hwang 83751
Sang Suk Lee *see* Kwang Yong Kang 92494
Sang Tack Park *see* Hee Chang Kim 84193
Sang Taick Park *see* Nam Sun Kim 74038
Sang Uk Lee *see* Gi Hun Lee 64868
Sang Uk Lee *see* Jong Seok Lee 73799
Sang Uk Lee *see* Jong Won Kim 74393
Sang Uk Lee *see* Jong Won Kim 84753
Sang Uk Lee *see* Yong Hwan Kim 83942
Sang Won Kang *see* Doh Hoon Kim 71536
Sang Won Yun *see* Dong Jim Yeom 76183
Sang Wu Kim, Yea Hoon Lee, Sangmun Kim Bandwidth tradeoffs among coding, processing gain and modulation in frequency-hopped multiple access communications 52314
Sang Yeol Lee, Kwang Yong Kang, Chulshik Yoon, El Hang Lee Processing of $YBa_2Cu_3O_{7-x}$ superconducting thin films for microwave device applications 94035
Sang Yeol Lee *see* Kwang Yong Kang 92494
Sang Yeong Lee, Kim, G.B., Lim, S.T., Oh, B.D., Hur, P.H., Choi, Y.H., Kim, H.D., Choi, S.S., Hahn, T.S., Denisov, A.G., Obolonsky, V.A. A study on the microwave properties of metallic microwave resonators and a high-T_c superconducting $Y_1Ba_2Cu_3O_{7-\delta}$ microwave resonator using a non-contact method 70855
Sang Yoon Choi, Woo Jung Kang, Saang Woong Lee, Seong Jhin Choi, Keuk Hwan Ra A design of the diplexer for satellite transponder using waveguide E-plane discontinuities 75379
Sang Yun Lee *see* Seog Chae 75709
Sang-Bo Lee *see* Do-Chan Choi 70532
Sang-Chul Lee *see* Yong Son 86213
Sang-Don Jung *see* Wol-Yon Hwang 65542
Sang-Hee Kang, Jong-Keun Park, Nam-Ho Kim A new digital distance relaying based on the fast Haar transformation using a half cycle offset free signals 68302
Sang-Hee Suh *see* Noh-Jung Kwak 70022
Sang-Ho Choi *see* Choi Sang-Ho
Sang-Hoon Kook *see* Hino, T. 93091
Sang-Hoon Lee *see* Singh, R.P. 58032
Sang-Hui Park *see* Doo-Il Choi 73667
Sang-Jin Jung, Ohsawa, H., Nakamura, Y., Yanagida, H., Hasumi, K., Okada, O. Effects of Na_2CO_3 addition on the gas sensing characteristics of CuO/ZnO heterocontact 58869
Sang-Ku Hwang *see* Ho-Sung Cho 70005
Sang-Man Bae, Hung-Eil Kim, Young-Mog Ham, Seung-Chan Moon, Soo-Han Choi Quantitative

analysis of the proximity effect in optical lithographic process 81697
Sang-Man Moh, Tack-Don Han On efficient design of a parallel multiplier 50089
Sang-Shin Lee, Min-Cheol Oh, Yoon-Kyoo Jhee, Sang-Yung Shin Y-cut $LiNbO_3$ directional coupler with a self-aligned electrode 63492
Sang-Soo Choi *see* Yong-Ho Oh 71456
Sang-Un Choi *see* Jung Yon 71925
Sang-Won Kang *see* Hyun-Kyu Yu 55985
Sang-Won Kang *see* Sun Jin Yun 55741
Sang-Won Kang *see* Won-Gu Kang 93465
Sang-Yong Han *see* Sun-Jeong Lee 57431
Sang-Yung Shin *see* Chang-Hee Lee 72858
Sang-Yung Shin *see* Sang-Shin Lee 63492
Sangal, R. *see* Bharati, A. 73572
Sangalli, W., Vargha, D. How to resolve the problems of rechargeable batteries 55117
Sanganeria, M.K., Violette, K.E., Ozturk, M.C., Harris, G., Lee, C.A., Maher, D.M. Low thermal budget in situ cleaning and passivation for silicon epitaxy in a multichamber rapid thermal processing cluster tool 93243
Sangani, H. *see* Chan, C.H. 94937
Sangani, H. *see* Elson, J.T. 94943
Sangawa, U., Yamamoto, M., Takeuchi, H., Nakanishi, Y., Sugiyama, Y., Aoki, S., Sato, T., Nagano, H., Yamashita, K., Sasago, M. Development of a TTL-alignment system for KrF excimer laser lithography systems 81731
Sanger, P.A. *see* Hackworth, D.T. 90471
Sangha, P.S., Rodger, D. Design and analysis of voltage fed axisymmetric actuators 90319
Sanghadasa, M., Erbach, P.S., Sung, C.C., Gregory, D.A., Friday, W. Application of wavelet transform to synthetic aperture radar and its optical implementation 58471
Sanghadasa, M., Erbach, P.S., Sung, C.C., Gregory, D.A., Friday, W.A. Wavelet transform applied to synthetic aperture radar—optical implementation and adaptive techniques 75587
Sanghavi, J.V. *see* Tomacruz, E. 49947
Sanghera, B., Wells, K., Ott, R.J., Raymond, M., Hall, G. Preliminary studies using silicon strip detectors in digital autoradiography 59303
Sanghera, J.S., Busse, L.E., Aggarwal, I.D. Effect of scattering centers on the optical loss of As_2S_3 glass fibers in the infrared 63372
Sanghera, J.S., Kung, F.H., Pureza, P.C., Nguyen, V.Q., Miklos, R.E., Aggarwal, I.D. Infrared evanescent-absorption spectroscopy with chalcogenide glass fibers 98029
Sanghera, J.S., Nguyen, V.Q., Pureza, P.C., Kung, F.H., Miklos, R., Aggarwal, I.D. Fabrication of low-loss IR-transmitting $Ge_{30}As_{10}Se_{30}Te_{30}$ glass fibers 63419
Sanghoon Bae, Jingya Hou, Suntharalingam, V., Fonash, S.J. A payback assessment for materials development for the low-gap unit of a multijunction cell: a numerical modeling study 100697
Sanghoon Bae *see* Jingya Hou 100698
Sanghun Jung *see* Wonchan Kim 80317
Sanghyeon Baeg, Rogers, W.A. A new test generation methodology using selective clocking for the clock line controlled circuits 92040
Sanghyun Kim, Daeyoung Ma, Hyunhee Kim, Kangsik Ryu Electrical breakdown properties in liquid-gas composite N_2 82114
Sangiorgi, E. *see* Abramo, A. 62629
Sangiorgi, E. *see* Fiegna, C. 62791
Sangiorgi, E. *see* Fiegna, C. 71693
Sangiorgi, E. *see* Fischetti, M.V. 81374
Sangiorgi, E. *see* Selmi, L. 62756
Sangiorgi, E. *see* Selmi, L. 62841
Sangiorgi, E. *see* Selmi, L. 93399
Sangiorgi, E. *see* Selmi, L. 93416
Sangiorgi, E. *see* Tsuboi, Y. 49966
Sangiovanni, S. *see* Ferrero, A. 89384
Sangiovanni-Vincentelli, A. *see* Charbon, E. 91786
Sangiovanni-Vincentelli, A. *see* Felt, E. 91848
Sangiovanni-Vincentelli, A. *see* Felt, E. 93304
Sangiovanni-Vincentelli, A. *see* Murgal, R. 80066
Sangiovanni-Vincentelli, A. *see* Tomacruz, E. 49947
Sangiovanni-Vincentelli, A.L. *see* Demir, A. 91841
Sangiovanni-Vincentelli, A.L. *see* Kirkpatrick, D.A. 91842
Sangiovanni-Vincentelli, A.L. *see* Lam, W.K.C. 92132
Sangiovanni-Vincentelli, A.L. *see* Milor, L. 54486
Sangiovanni-Vincentelli, A.L. *see* Saldanha, A. 49243
Sangiovanni-Vincentelli, A.L. *see* Saldanha, A. 61671
Sangiovanni-Vincentelli, A.L. *see* Saldanha, A. 91706
Sangmin Lee, Winick, K.A. Very noisy channels, reliability functions, and exponentially optimum codes 73583
Sangmun Kim *see* Sang Wu Kim 52314
Sangrador, J. *see* Rodriguez, T. 62161
Sangster, A.J. 'Soft' exterior surface modification for circularly polarized and polarization selective linear array antennas 64244
Sangster, A.J., Smith, P. A moment method analysis of a transverse slot fed by a boxed stripline 51250
Sangster, A.J., Wang, H. An entire domain analysis of a horizontally polarized omnidirectional antenna array 51264
Sangster, A.J., Wang, H. A hybrid FEM/MOM analysis for the scattering and radiating properties of a slot in slotted-waveguide array antennas 51265
Sangston, K.J. *see* Gerlach, K. 74171
Sanguineti, A. *see* Carla, M. 82102
Sangunni, K.S. *see* Dutta, P.S. 69914
Sangunni, K.S. *see* Dutta, P.S. 81526
Sangwine, S.J., Whitehouse, J.E. The sampling theorem—a tutorial 51485
Sangwine, S.J. *see* Pritchard, A.J. 84838
Sangwon Kang, Fischer, T.R. Trellis excitation speech coding at low bit rates 57430
Sangwon Kang *see* Kyongho Han 75123
Sangwongwanich, S. Robust and adaptive vector controllers in AC drives—a unified viewpoint 78871
Sangwongwanich, S. *see* Doki, S. 60221
Sangwongwanich, S. *see* Kinpara, Y. 60222
Sanibale, F. *see* Whitham, K. 67009
Saniie, J. *see* Malik, M.A. 95450
Sanipoli, C. *see* Furetta, C. 72580
Sanipoli, C. *see* Scacco, A. 72581
Saniter, J., Bader, G., Bunning, H., Burmeister, M., Hermes, T., Hilbk, U., Westphal, F.-J. An optical FDM local area network based on a passive bypassed star coupler 86404
Saniter, J., Bader, G., Bunning, H., Burmeister, M., Hermes, T., Raub, F. An optical transparent local network with OFDM and close channel spacing 74967
Sanjaynath, V.V., Balakrishnan, N., Nagabhushana, G.R. Application of conjugate gradient method for static problems involving conductors of arbitrary shape 73221
Sanjurjo, A., Wood, B., Kai Lau, Krishnan, G. W-Si, Fe-Si, AND Cu-Si interfaces 81209
Sankar, A., Chin-Hui Lee Stochastic matching for robust speech recognition 84135
Sankar, A., Gorin, A. Visual focus of attention in adaptive language acquisition 73828
Sankar, R., Singh, R. Performance trending for management of high-speed packet-switched networks 85542
Sankar, S.G. *see* Lian, F.Z. 71931
Sankar, V. *see* Prasad, V.C. 61011
Sankarakrishnan, A. *see* Billinton, R. 67976
Sankarakrishnan, A. *see* Billinton, R. 89200
Sankaran, P. *see* Kaliyugavaradan, S. 58909
Sankaran, P. *see* Kallyugavaradan, S. 66276
Sankaran, V.A. *see* Xu, X. 69125
Sankaranarayanan, L. *see* Centen, P. 97689
Sankaranarayanan, L. *see* Roks, E. 66479
Sankaranarayanan, L. *see* Roks, E. 87287
Sankaranarayanan, L. *see* Roks, E. 87288
Sankawa, I. *see* Izumita, H. 76231
Sankawa, I. *see* Izumita, H. 82541
Sanker, R. *see* Edwards, G. 86163
Sankey, J.D. Coupling laser radiation to a Fabry-Perot cavity with a single-mode optical fiber 63904
Sankur, B., Kalyoncu, H. Simulated performance of the TCP protocol for wideband multimedia applications 51829
Sankur, B. *see* Anarim, E. 57852
Sankur, B. *see* Caglar, H. 51508
Sankur, B. *see* Caglar, H. 57385
Sankur, B. *see* Taskiran, C. 74275
Sanmugasunderam, A. *see* Moore, W. 52001
Sanna, S. *see* Corriga, G. 99715
Sannazzaro, G. *see* Dolgetta, N. 83540
Sanne, M. New base for GSM 52357
Sanne, S.M. A tool for repurposing videodiscs for language learning 66074
Sannegowda, R., Aalo, V. Performance of selection diversity systems in a Nakagami fading environment 86066
Sannes, F. *see* Tesarek, R.J. 98504
Sannikov, D.V. *see* Ivanov, V.V. 72278
Sannino, M. *see* Adam, W. 88114
Sannino, M. *see* Caddemi, A. 61934
Sannino, M. *see* Caddemi, A. 93498
Sannino, M. *see* Martines, G. 70904
Sannino, M. *see* Martines, G. 86945
Sanniti di Baja, G., Thiel, E. A multiresolution shape description algorithm 95675
Sannomiya, H. *see* Nomoto, K. 100585
Sano, A., Egawa, M., Nitta, M., Takayanagi, K., Matsushita, T., Fujita, T., Packard, E., Nguyen, V., Limb, R., Frost, J., Watanabe, T. A low inductance metal-in-gap head using a side-core concept 50262
Sano, A., Miyamoto, Y., Kataoka, T., Kawakami, H., Hagimoto, K. 10 Gbit/s, 300 km repeaterless transmission with SBS suppression by the use of the RZ format 97227
Sano, A., Tsuji, H. Optimal sampling rate for impulse response identification based on decimation and interpolation 84513
Sano, A. *see* Miyamoto, Y. 58397
Sano, E., Yamahata, S., Matsuoka, Y. 40 GHz bandwidth amplifier IC using AlGaAs/GaAs ballistic collection transistors with carbon-doped bases 49184
Sano, E., Yoneyama, M., Nakajima, H., Matsuoka, Y. A monolithically integrated photoreceiver compatible with InP/InGaAs HBT fabrication process 63608
Sano, E. *see* Ichino, H. 52560
Sano, E. *see* Matsuoka, Y. 55928
Sano, E.T., Horikoshi, Y. Selenium doping in GaAs grown by molecular beam epitaxy 93129
Sano, F. *see* Matsui, M. 97632
Sano, H. *see* Aoki, M. 72424
Sano, H. *see* Aoki, M. 97282
Sano, H. *see* Fujita, H. 62565
Sano, H. *see* Fujita, H. 93276
Sano, H. *see* Ido, T. 94188
Sano, H. *see* Kushiya, K. 100458
Sano, H. *see* Moss, D.J. 50583
Sano, H. *see* Taguchi, K. 97325
Sano, I., Mukai, S. The role of polarization measurements for aerosol correction 77615
Sano, K., Koizumi, H., Takane, A. Investigation for image quality of high-resolution MR angiography 67486
Sano, K. *see* Nishikawa, M. 87362
Sano, K. *see* Otsuka, M. 51903
Sano, K. *see* Sekiguchi, H. 88418
Sano, K. *see* Shibuya, M. 68259
Sano, M., Shirakashi, M. Turbulence structure in a periodically diverging-converging channel flow 66767
Sano, M. *see* Okada, T. 95863
Sano, M. *see* Oshima, T. 69963
Sano, M. *see* Rokugawa, S. 77276
Sano, M. *see* Winkler, R. 54810
Sano, M. *see* Yamada, H. 61971
Sano, N., Yoshii, A. Impact ionization rate near thresholds in Si 62140
Sano, N. *see* Abramo, A. 81195
Sano, N. *see* Hiyamizu, S. 55595
Sano, N. *see* Katsumoto, S. 71186
Sano, N. *see* Sameshima, T. 71647
Sano, N. *see* Wakejima, A. 54847
Sano, S. *see* Takahashi, S. 75441
Sano, S. *see* Toba, A. 100334
Sano, S.-I. *see* Yamashita, H. 97663
Sano, T. Antimode dynamics and chaotic itinerancy in the coherence collapse of semiconductor lasers with optical feedback 83168
Sano, T. *see* Harao, A. 85960
Sano, T. *see* Morita, O. 63238
Sano, Y. *see* Shimomura, K. 81679
Sano, Y. *see* Ukai, S. 89467
Sanpei, M., Kakehi, A., Takeda, H. Application of multi-variable control for automatic frequency controller of HVDC transmission system 68189
Sanpietro, F. *see* Ferrero, A. 76174
Sanpietro, F. *see* Ferrero, A. 80650
Sanpietro, F. *see* Ferrero, A. 86865
Sansen, W. *see* Donnay, S. 49571
Sansen, W. *see* Geeraerts, B. 56082
Sansen, W. *see* Gerds, E.J. 80500
Sansen, W. *see* Gielen, G. 92430
Sansen, W. *see* Guangming Yin 80398
Sansen, W. *see* Jacobs, P. 98125
Sansen, W. *see* Peeters, E. 81482
Sansen, W. *see* Steyaert, M. 81904
Sansen, W. *see* Van Grieken, C. 49193
Sansen, W. *see* Wambacq, P. 70233
Sanson, L.D. *(editor)* Proceedings. The Institute of Electrical and Electronics Engineers 28th Annual 1994 International Carnahan Conference on Security Technology (Cat. No.CH3437-1/94) 90727
Sansone, C. *see* Bernieri, A. 97781
Sansone, C. *see* Savastano, M. 99049
Sansone, L. *see* Bernieri, A. 58652
Sansoni, G., Biancardi, L., Docchio, F., Minoni, U. Comparative analysis of low-pass filters for the demodulation of projected gratings in 3-D adaptive profilometry 58983
Sansoni, G., Biancardi, L., Minoni, U., Docchio, F. A novel, adaptive system for 3-D optical profilometry using a liquid crystal light projector 87526
Sansoni, G. *see* Docchio, F. 94152
Sansubrino, A., Mascini, M. Development of an optical fibre sensor for ammonia, urea, urease and IgG 87309
Sant, G. *see* Kulkarni, A. 69030
Santa, F.Dalla *see* Dalla Santa, F.
Santa Vicca, E.F. The Internet as a reference and research tool: a model for educators 75029
Santacesaria, R. *see* Buontempo, S. 53296
Santacesaria, R. *see* Buontempo, S. 98502
Santagiustina, A. *see* Tenconi, S.M. 68714
Santalov, N.P. *see* Strelkov, G.M. 57120
Santamaria, J.C., Louis, J.H. A comparison of unshielded wire to shielded wire with shields terminated using pigtails 83723
Santamato, E. *see* Abbate, G. 63497
Santambrogio, R. *see* Quadrini, E.M. 85621
Santamouris, M., Balaras, C.A., Dascalaki, E., Argiriou, A., Gaglia, A. Energy consumption and the potential for energy conservation in school buildings in Hellas 69032
Santana, G.J. *see* Baers, L.B. 87973
Santana, J. *see* Beaumont, S.P. 88037
Santana, J. *see* Esteves, J. 90043
Santander, A.A., Perin, A.J., Barbi, I. A three-level push-pull inverter: analysis, design and experimentation 68815

Santander, J., Lozano, M., Cane, C. Extraction of contact resistivity on Kelvin L-resistor structures 62310
Santander, J. *see* Cane, C. 55614
Santander, J. *see* Lozano, M. 55849
Santangelo, A. *see* Shaw, P.S. 81130
Santangelo, S. *see* Messina, G. 81689
Sant'Anna, A.C. *see* von der Weid, J.P. 97279
Sant'Anna, A.C. *see* von der Weid, J.P. 100977
Santara, S.S. *see* Jain, S.C. 76066
Santarelli, G. *see* Clairon, A. 86868
Santarelli, G. *see* Rovera, G.D. 56803
Santarpia, D. *see* Arnold, R.J. 86283
Santarsiero, M. *see* Schirripa Spagnolo, G. 57022
Santella, G. *see* Di Zenobio, D. 87421
Santerre, M.-A. *see* Barwicz, A. 66095
Santerre, M.-A. *see* Barwicz, A. 97743
Santha, A.K.S. *see* Abe, K. 88115
Santha, A.K.S. *see* Antilogus, P. 59064
Santha, A.K.S. *see* Antilogus, P. 59127
Santhakumaran, A. *see* Thangaraj, V. 61079
Santhanam Suresh *see* Suresh Santhanam
Santi, E., Cuk, S. Accurate leakage models of gapped magnetic circuits 56230
Santiago, Y. *see* Manivannan, A. 71137
Santiard, J.C. *see* Anghinolfi, F. 53345
Santiard, J.C. *see* Anghinolfi, F. 88228
Santiard, J.C. *see* Anghinolfi, F. 98663
Santiard, J.C. *see* Bates, S.J. 53308
Santiard, J.C. *see* Borer, K. 53347
Santiard, J.C. *see* Borer, K. 98687
Santina, C.C.D. *see* Kovacs, G.T.A. 76983
Santini, E., Vinci, M. Fast and efficient techniques for interpolation of B-H curves 56199
Santini, H. *see* Tang, D.D. 72111
Santini, S. *see* Bucci, G. 58150
Santini, S. *see* Rinaldi, D. 70480
Santis, A.De *see* De Santis, A.
Santo, R. *see* Kampert, K.-H. 98503
Santo, T. *see* Kato, F. 90315
Santocchia, A. *see* Adam, A. 88102
Santocchia, A. *see* Adriani, O. 88023
Santocchia, A. *see* Ambrosi, G. 53302
Santochia, A. *see* Adam, A. 88087
Santonico, R. *see* Chang, Y.H. 98645
Santonico, R. *see* Mirabelli, G. 62952
Santonico, R. *see* Moers, T. 67364
Santoro, M.A., Poole, C.D. Polarization scrambling using a short piece of high-birefringence optical fiber and a multifrequency laser diode 50483
Santos, A., Jr. *see* Silva, P.R. 89254
Santos, C. *see* Torner, L. 64183
Santos, C.C.J. *see* Rezek, A.J.J. 100121
Santos, E.J.P., MacDonald, N.C. Selective emission of electrons from patterned negative electron affinity cathodes 49735
Santos, E.J.P., MacDonald, N.C. Emission of electrons from a patterned negative electron affinity cathode 62063
Santos, E.J.P. *see* Chen, L.-Y. 55832
Santos, F. *see* Ronnqvist, C. 88024
Santos, F.P. *see* Rachinhas, P.J.B.M. 88059
Santos, F.P. *see* Rachinhas, P.J.B.M. 98605
Santos, J., Gastaminza, M.L., Orozco, J., Matrangolo, C. 802.5 priority mechanism in hard real-time RMS applications 58139
Santos, J., Orozco, J. On the priority mechanism of 802.4, in hard real-time factory communications 85838
Santos, J.C.A.Dos *see* Dos Santos, J.C.A.
Santos, J.C.Marques dos *see* Marques dos Santos, J.C.
Santos, J.M.F.Dos *see* Dos Santos, J.M.F.
Santos, K. Home shopping on the broadband network: performance considerations 85767
Santos, M. *see* Cunningham, J.E. 56425
Santos, M.B. *see* Cunningham, J.E. 48950
Santos, M.B. *see* Liu, W.K. 91543
Santos, M.Damy de *see* Damy de Santos, M.
Santos, M.P.dos *see* dos Santos, M.P.
Santos, R.C. *see* Pinheiro Filho, J.D. 98654
Santos Bianco, J. *see* Barbi, G.B. 58888
Santos-Victor, J., Sentieiro, J. Generation of 3D dense depth maps by dynamic vision. An underwater application 84652
Santosa, S.P. Technology transfer in the Asia Pacific region 96338
Santoso, H., Dairaine, L., Fdida, S., Horlait, E. Preserving temporal signature: a way to convey time constrained flows 96376
Santoso, H., Fdida, S. Transport layer statistical multicast based on the XTP bucket algorithm 74696
Santoso, H. *see* Fdida, S. 58158
Santoso, N.I., Avins, J.Y. Real-time software testing for microprocessor-based protective relays 78229
Santoyo, F.Mendoza *see* Mendoza Santoyo, F.
Santra, K., Sarkar, C.K. Effect of quantum screening on the low field longitudinal mobility in n-InSb in the extreme quantum limit at low temperatures 92953
Santucci, J.-F. *see* Vandeventer, L. 91748
Santucci, J.-F. *see* Vandeventer, L. 93531
Santucci, J.F. *see* Vandeventer, L. 49233
Santucci, S. *see* Diamanti, R. 61729
Sanwarwalla, M.H. *see* Beard, R.L. 89435
Sanyal, A.N. *see* Barman, S.R. 54001
Sanyal, S. *see* Iyengar, S. 74996
Sanyal, S. *see* Ray-Chaudhuri, D.K. 83999
Sanyal, S.K. *see* Nandi, R. 70792
Sanyal, S.K. *see* Pal, D. 52476
Sanz, J.L.C. *see* Berman, P.E. 64968
Sanz, J.L.C. *see* Del Bimbo, A. 57798
Sanz, J.L.C. *see* Del Bimbo, A. 84887
Sanz-Bobi, M.A., Perez-Arriaga, I.J., Serrano-Carbayo, J.L., Ortiz-Alfaro, M.E., Alba, J.J., Domenech, A., Villamediana, M.J., Gonzalez-Huerta, J., Fernandez-Martinez, J.J. Control and diagnosis of water chemistry in the water-steam and water make-up in a fossil fuelled power plant 78438
Sanzelle, S. *see* Vennat, J.C. 98900
Sanzeni, C. *see* Arrington, K. 88112
Sanzeni, C. *see* Arrington, K. 98564
Sanzeni, C. *see* Arrington, K. 98634
Saotome, H. *see* Doi, T. 70195
Saoud, M. *see* Xiong, F. 86307
Saoudi, A., Nivat, M. Parallel algorithms for multidimensional image template matching 84616
Saoudi, S. *see* Goalic, A. 75127
Saparamdu, V. *see* Seneviratne, A. 74866
Sapatnekar, S.S. RC interconnect optimization under the Elmore delay model 93524
Sapaty, P.S. *see* Borst, P.M. 85710
Sapcoe, M.B. *see* Cotter, D.J. 69208
Sapeluk, A.T. *see* Birch, A.P. 59757
Saper, R. *see* Zhang, G. 61808
Saper, R.H. *see* Inkol, R.J. 57467
Saper, R.H. *see* Inkol, R.J. 59644
Saper, R.H. *see* Inkol, R.J. 74033
Saphier, D. *see* Caner, M. 53891
Sapia, P.M.A. *see* Barbosa, P.S.F. 78491
Sapiano, P.C., Holbeche, R.J., Martin, J.D. Low SNR approximation to phase PDF for PSK signals 73592
Sapidis, N.S. *see* Kaklis, P.D. 79651
Sapir, E. *see* Daniels, A. 66447
Sapiro, G., Bruckstein, A.M. A B-spline based affine invariant multiscale shape representation 84873
Sapjeta, J. *see* Law, H.H. 70971
Sapjeta, J.B. *see* Feijoo, D. 93081
Sapochak, L.S. *see* Burrows, P.E. 56565
Sapov, G. *see* Schumann, C. 96327
Sapozhnikov, L., Fox, J.D., Olsen, J.J., Oxoby, G., Linscott, I., Drago, A., Serio, M. A longitudinal multi-bunch feedback system using parallel digital signal processors 98468
Sapozhnikov, L. *see* Fox, J.D. 76552
Sapozhnikov, L. *see* Hindi, H. 76503
Sapp, W. *see* Flanz, J.B. 76342
Sapp, W. *see* Sobczynski, S. 67197
Sapp, W.W. *see* Farkhondeh, M. 76711
Sapp, W.W. *see* Farkhondeh, M. 76712
Sapp, W.W. *see* Farkhondeh, M. 76713
Sapp, W.W. *see* Tieger, D.R. 76677
Sappey, A.D. *see* Zerkle, D.K. 66696
Sapre, U.S., Ashar, N.K., Joshi, S.A. A new approach to programmed PWM implementation 60351
Sapritskiy, V.I. *see* Ginzburg, V.M. 87175
Sapritsky, V.I. *see* Anevsky, S.I. 87750
Saprykin, I.I. *see* Pogarsky, S.A. 80578
Saqui-Sannes, P.D.de *see* de Saqui-Sannes, P.D.
Saqui-Sannes, P.de *see* de Saqui-Sannes, P.
Sara, L. *see* Cuthbert, L. 86381
Sarabandi, I. *see* Pierce, L.E. 77605
Sarabandi, K. Calibration of a polarimetric synthetic aperture radar using a known distributed target 75621
Sarabandi, K. A dielectric measurement technique for cylindrical objects with known cross section 77673
Sarabandi, K. Calibration of a polarimetric synthetic aperture radar using a known distributed target 88849
Sarabandi, K., Pierce, L.E., Oh, Y., Dobson, M.C., Ulaby, F.T., Freeman, A., Dubois, P. Cross-calibration experiment of JPL AIRSAR and truck-mounted polarimetric scatterometer 88860
Sarabandi, K., Polatin, P.F. Electromagnetic scattering from two adjacent objects 57099
Sarabandi, K., Ulaby, F., Dobson, M.C. AIRSAR and POLARSCAT cross-calibration using point and distributed targets 77591
Sarabandi, K. *see* Oh, Y. 77675
Sarabandi, K. *see* Pierce, L.E. 88867
Sarabandi, K. *see* Polatin, P.F. 59593
Sarabi, A., Song, N., Chrzanowska-Jeske, M., Perkowski, M.A. A comprehensive approach to logic synthesis and physical design for two-dimensional logic arrays 91983
Sarabi, A. *see* Drechsler, R. 91680
Sarabia, J. *see* Rodriguez-Mendez, M.L. 58887
Saracco, R. *see* Bosco, P.G. 74861
Saracco, R. *see* Rydbeck, B. 52017
Sarachaga Gonzalez, M.I. *see* Burgos Fernandez, A. 69315
Sarachaga Gonzalez, M.I. *see* Llorente Gonzalez, J.I. 69314
Sarachik, K.B., Grimson, W.E.L. Gaussian error models for object recognition 96015
Sarachik, M.P. *see* Peihua Dai 62151
Saradjian, M.R., Hayes, L. Automated pattern recognition of rotated sea surface temperature features using sequential satellite images 67861
Saraev, O.M. *see* Kochetkov, L.A. 89538
Sarafyan, D. Approximate solution of ordinary differential equations and their systems through discrete and continuous embedded Runge-Kutta formulae and upgrading of their order 91381
Saraie, J. *see* Ichikawa, S. 61283
Saraiva, J.T., Miranda, V., Pinto, L.M.V.G. Impact on some planning decisions from a fuzzy modelling of power systems 53717
Saraiva, J.T., Miranda, V., Pinto, L.M.V.G. Impact on some planning decisions from a fuzzy modelling of power systems 78034
Sarajcev, I. Rapid efficiency control of overvoltage protection for a substation regarding the lightning overvoltage 68919
Sarala Devi, G. *see* Manorama, S. 66581
Saramaki, T., Ritoniemi, T. Optimization of digital filter structures for VLSI implementation 61807
Saramaki, T. *see* Raita-Aho, T. 88489
Saramaki, T. *see* Ritoniemi, T. 97731
Saran, H., Keshav, S. An empirical evaluation of virtual circuit holding times in IP-over-ATM networks 64959
Sarandi, A.E. *see* Karpov, O.V. 86915
Sarandi, A.E. *see* Karpov, O.V. 86958
Saranen, J., Schroderus, L. The modified quadrature method for classical pseudodifferential equations of negative order on smooth closed curves 69885
Sarangan, A.M., Wei-Ping Huang A coupled mode theory for electron wave directional couplers 61876
Sarangi, D. *see* Dixit, P.N. 50669
Sarango, M.F., Chau, J.L., Ragaini, E., Vasquez, E.H. A DSP-based data processing system for MST radar 77420
Saranin, A.A. *see* Tarasova, O.L. 49913
Saranin, A.A. *see* Tarasova, S.L. 55766
Saraniti, D. *see* Kirchgessner, J. 67105
Saraniti, M. *see* Gruzinskis, V. 61926
Saraswat, K. *see* Jurichich, S. 81878
Saraswat, K. *see* Schaper, C. 62919
Saraswat, K.C. Adaptable IC manufacturing systems for the 21st century 90921
Saraswat, K.C., Apte, P.P., Booth, L., Yunzhong Chen, Dankoski, P.C.P., Degertekin, F.L., Franklin, G.F., Khuri-Yakub, B.T., Moslehi, M.M., Schaper, C., Gyugyi, P.J., Lee, Y.J., Pei, J., Wood, S.C. Rapid thermal multiprocessing for a programmable factory for adaptable manufacturing of ICs 62352
Saraswat, K.C., Wood, S.C., Plummer, J.D., Losleben, P. Programmable factory for adaptable IC manufacturing 69548
Saraswat, K.C. *see* Apte, P.P. 63052
Saraswat, K.C. *see* Apte, P.P. 82118
Saraswat, K.C. *see* Chang, C.Y. 93172
Saraswat, K.C. *see* Degertekin, F.L. 93104
Saraswat, K.C. *see* Lee, Y.J. 53071
Saraswat, K.C. *see* Mino Cao 80320
Saraswat, K.C. *see* Tiemin Zhao 93387
Saraswat, K.C. *see* Tiemin Zhao 93403
Saraswat, K.C. *see* Tsu-Jae King 70150
Saraswat, K.C. *see* Tsu-Jae King 81883
Saraswat, K.C. *see* Wood, S.C. 71802
Saraswat, K.C. *see* Yong Jin Lee 93096
Sarathy, J., Mayer, R.A., Jung, K., Unnikrishnan, S., Kwong, D.-L., Campbell, J.C. Normal-incidence grating couplers in Ge-Si 63467
Sarathy, J. *see* Hansing, C.C. 50825
Saravanan, N., Duyar, A., Guo, T.-H., Merrill, W.C. Modeling of the Space Shuttle Main Engine using feedforward neural networks 67742
Saravanan, N., Duyar, A., Guo, T.-H., Merrill, W.C. Modeling Space Shuttle main engine using feedforward neural networks 77190
Sarayev, S.M. An analytic method of calculating combination interference 55354
Sarbaev, T.A. *see* Smirnova, T.N. 56951
Sarbei, O.G., Vinoslavskii, M.N. Evolution of thermodiffusional autosolitons in a non-equilibrium electron-hole plasma in Ge 62154
Sarcona, G. *see* Lin, F. 93052
Sardela, M.R., Jr., Radamson, H.H., Hultman, L., Hansson, G.V. Growth, characterization and device fabrication of boron delta-doped structures by Si-molecular beam epitaxy 62397
Sardela, M.R., Jr., Radamson, H.H., Wei-Xin Ni, Sundgren, J.-E., Hansson, G.V. Thermal stability characterization of doped layers and heterostructures grown by Si-molecular beam epitaxy 62398
Sardela, M.R., Jr. *see* Wahab, Q. 70031
Sardella, V. *see* Milanesio, D. 58427
Sardella, V. *see* Milanesio, D. 86755
Sardi, M. *see* Alasia, F. 66728
Sardin, G. *see* Bertran, E. 79909
Sardini, E. *see* Marioli, D. 97762
Sardon, E., Rius, A., Zarraoa, N. Estimation of the transmitter and receiver differential biases and the ionospheric total electron content from Global Positioning System observations 77344
Sareen, R.A. Developments in X-ray detectors and associated electronics: a review of the technology and possible future trends 67297
Saren, M. *see* Thomas, R. 60845
Sarfaraz, M.A. *see* You-Wen Yau 91013

Sarfi, R.J., Salama, M.M.A., Gebotys, C., Chikhani, A.Y. Optimal design of cathodic protection schemes: a power engineering applications 99761
Sarfi, R.J., Salama, M.M.A., Vannelli, A., Chikhani, A.Y. Loss reduction in distribution systems: a new approach using partitioning techniques 68204
Sarg, K. *see* Gurker, N. 98859
Sargeant, D.A. *see* Johnson, G.R. 80014
Sargeni, F. Digitally programmable transconductance amplifier for CNN applications 55361
Sargent, A., Broadwater, R.P., Thompson, J.C., Nazarko, J. Estimation of diversity and kWHR-to-peak-kW factors from load research data 90669
Sargent, A. *see* Broadwater, R.P. 68297
Sargent, A. *see* Thompson, J.C. 68295
Sargent, A.M. *see* Froberg, N.M. 50820
Sargent, M., III Theory of a multimode quasiequilibrium semiconductor laser 63823
Sargent, R. *see* Boudreau, R. 94542
Sargos, F.M., Zaskalicky, P., Gudefin, E.J. Generalized theory of the structures of reluctance step motors 68560
Sargos, F.M. *see* Laporte, B. 89832
Sargos, F.M. *see* Ouriagli, M. 89883
Sargos, F.M. *see* Tounzi, A. 89852
Sarhan, A. *see* Hardie, R.C. 84556
Sarhan, A.E.M. *see* Osman, M.S.A. 91332
Sari, H. *see* Karam, G. 97605
Sari-Sarraf, H. *see* Brzakovic, D. 70180
Sarid, D. *see* Chen, D. 61328
Sarid, E. *see* Litwin, C. 69019
Sarigul, E. The integration of CAQ into the framework of modern production systems 69592
Sarigul, E. *see* Osanna, P.H. 75872
Sarihan, V. Energy based methodology for damage and life prediction of solder joints under thermal cycling 91009
Sarika, K. *see* Panusopone, K. 74526
Sarin, S.S., Kumar, M.R., Singh, D. Bias-tuned Gunn oscillator serves W-band FMCW radar 70882
Sario, M.De *see* De Sario, M.
Saris, F.W. *see* Stolk, P.A. 62200
Saritepe, S., Goderrre, G., Annala, G., Hanna, B., Braun, A. Experience with the new reverse injection scheme in the Tevatron 66946
Sarkady, K.A. *see* Scribner, D.A. 66484
Sarkaniemi, J. *see* Paasi, J. 82311
Sarkar, B. *see* Chawla, M.P.S. 100834
Sarkar, B.C., Chattopadhyay, S. A new look into the acquisition properties of a second-order digital phase locked loop 55168
Sarkar, B.C., Nandi, M. Studies on the asymmetric error characteristics and the additive noise response of charge pump PLL 91956
Sarkar, B.K. *see* Agarwal, A. 86595
Sarkar, C.K. *see* Santra, K. 92953
Sarkar, D. *see* Banerjee, S. 58145
Sarkar, D. *see* Banerjee, S. 65393
Sarkar, D. *see* Pestien, V. 65273
Sarkar, S. Laser power stabilization in the TRIUMF optically pumped polarized H^- ion source 72715
Sarkar, S., Gannon, J., Merz, W., Meyer, F. Controls interface protocols for the SSC correction and 'DC' magnet power supplies 87625
Sarkar, S., Majumdar, A.K., Basu, A. Interface design and controller synthesis of digital systems in an object oriented environment 91803
Sarkar, S., Merz, W., Meyer, F. Proposal to use failure prediction as a means of meeting availability requirements at the SSC 78729
Sarkar, S. *see* Merz, W. 76394
Sarkar, S. *see* Phillips, W.J. 95328
Sarkar, S.K., Ahmed, I., Prasad, M.V.S.N., Dutta, H.N., Reddy, B.M. Centimetre and millimetre wave attenuation due to rainfall on Earth-space path over Delhi 51099
Sarkar, T.K., Adve, R.S., Castillo, L.E.G., Salazar-Palma, M. Utilization of wavelet concepts in finite elements for an efficient solution of Maxwell's equations 83422
Sarkar, T.K., Fengduo Hu, Yingbo Hua, Wicks, M. A real-time signal processing technique far approximating a function by a sum of complex exponentials utilizing the matrix-pencil approach 51465
Sarkar, T.K., Maricevic, Z.A., Zhang, J.B., Djordjevic, A.R. Evaluation of excess inductance and capacitance of microstrip junctions 73421
Sarkar, T.K., Salazar, M. An alternate interpretation of complex modes in closed perfectly conducting (lossless) structures 57182
Sarkar, T.K. *see* Bazdar, M.B. 73412
Sarkar, T.K. *see* Castillo, L.E.G. 73436
Sarkar, T.K. *see* Djordjevic, A.R. 73405
Sarkar, T.K. *see* Kahrizi, M. 49674
Sarkar, T.K. *see* Kahrizi, M. 64197
Sarkar, T.K. *see* Petre, P. 57300
Sarkar, T.K. *see* Vechinski, D.A. 51057
Sarkhan atef Issasukhel' *see* Petrenko, Yu.N. 60511
Sarkhel, A. *see* Bao-Tong Ma 92721
Sarkhel, A.K. *see* Kang, S.K. 80995
Sarkissian, J.C. *see* Suarez, A. 55433
Sarkisyan, D.G., Krupkin, V., Glushko, B. Wide-bandwidth adjustable Q switch based on rubidium dimers 83000
Sarkisyan, T.V. *see* Bandy, D.K. 82881
Sarkozy, A. Finite addition theorems. II 79584
Sarkozy, A. *see* Erdos, P. 61096
Sarlitto, M.J. Use of environmental qualification technology to extend mechanical, age-degradable part replacement intervals to reduce plant operation and maintenance costs 99853
Sarma, A.D., Chakravarti, M. Wave propagation effects on satellite aided communication, navigation and surveillance 75364
Sarma, B.K. *see* Fredricksen, H. 56190
Sarma, D.D. *see* Arico, A.S. 68993
Sarma, L., LaCourse, J.R., Vroman, N.B., Croce, R.V. The approach and evaluation of a university-based rehabilitation engineering project 67630
Sarma, L.C.S., Sarma, V.V.S. A prototype expert system for interpretation of remote sensing image data 74298
Sarma, N.D.R., Veera Raju, V., Rao, K.S.P. Design of telemetering configuration for energy management systems 59777
Sarma, S.B.S.S. Validation of the riometer antenna with position of the Sun as a point source 53534
Sarma, S.B.S.S., Reddy, B.M. Development and evaluation of airborne microwave refractometer for studies on atmospheric tropical boundary layer radiorefractive index 94821
Sarma, S.S., Mandal, R., Seth, A. Some sequential graph colouring algorithms for restricted channel routeing 79568
Sarma, V.V.S. *see* Sarma, L.C.S. 74298
Sarmadi, H. *see* Rahnavard, M.H. 50907
Sarmiento, H.G., Estrada, E. A voltage sag study in an industry with adjustable speed drives 68004
Sarmiento, R., Eshraghian, K. Implementation of a CORDIC processor for CFFT computation in gallium arsenide technology 49478
Sarmouk, A., Zych, A.D., O'Neill, T., White, R.S., Tumer, O.T. Imaging gamma ray sources with a Compton double scatter telescope using the expectation maximization maximum likelihood (EMML) technique 98612
Sarnecki, J. *see* Kaminski, P. 81213
Sarrabayrouse, G. *see* Puig Vidal, M. 49176
Sarrafzadeh, M., Wagner, D., Wagner, F., Weihe, K. Wiring knock-knee layouts: a global approach 49098
Sarrafzadeh, M. *see* Farrahi, A.H. 92077
Sarrafzadeh, M. *see* Jun Dong Cho 48703
Sarrafzadeh, M. *see* Kuo-Feng Liao 49047
Sarrafzadeh, M. *see* Tellez, G.E. 93654
Sarrafzadeh, M. *see* Wei-Liang Lin 91699
Sarraj, M. *see* Yarema, R.J. 59200
Sarraj, M. *see* Zimmerman, T. 67371
Sarret, M. *see* Guyader, P. 81541
Sarret, M. *see* Mostefa, D. 81181
Sarrica, R. *see* Lipp, W. 67940
Sarro, L. *see* Vdovin, G. 71270
Sarro, P. *see* Bartek, M. 58792
Sarro, P.M., van Herwaarden, A.W., van der Vlist, W. A silicon-silicon nitride membrane fabrication process for smart thermal sensors 66214
Sarro, P.M. *see* Aratani, K. 56413
Sarro, P.M. *see* Aratani, K. 63531
Sarro, P.M. *see* French, P.J. 87082
Sarro, P.M. *see* Hijzen, E.A. 88030
Sarro, P.M. *see* Hijzen, E.A. 88122
Sarro, P.M. *see* Hijzen, E.A. 98571
Sarro, P.M. *see* Leguijt, C. 94252
Sarro, P.M. *see* Li, Y.X. 55782
Sarro, P.M. *see* Poenar, D. 54972
Sarro, P.M. *see* Schooneveld, E.M. 88028
Sarro, P.M. *see* Setiadi, D. 66432
Sarro, P.M. *see* van der Marel, J. 88017
Sarro, P.M. *see* van Herwaarden, A.W. 66507
Sarro, P.M. *see* van Kampen, R.P. 66240
Sarro, P.M. *see* Vellekoop, M.J. 63117
Sarro, P.M. *see* Vellekoop, M.J. 87154
Sarrus, F., Calmon, F., Viverge, P.J., Chante, J.P., Hennevin, B., Piton, M. Influence of the IGBT driving circuit in a power inductive load converter 100222
Sarsa, M. *see* Saenz, C. 59159
Sarsa, M.L. *see* Avignone, F.T. 67288
Sarstedt, M., Thomae, R., Klein, H., Maaser, A., Muller, J., Seiler, B., Weber, M. Beam profile and emittance measurements for ion implantation 59021
Sarstedt, M. *see* Dehen, J. 59010
Sarti, A. *see* Baraldi, P. 59261
Sarti, A. *see* Lazzarin, G. 52337
Sarti, D. *see* Ghannam, M.Y. 100620
Sarti, D. *see* Sivoththaman, S. 100481
Sarto, A.W., Weverka, R.T., Wagner, K. Photorefractive phased-array-radar processor dynamics 51267
Sartore, M. *see* Bousse, L. 50668
Sartore, M. *see* Gavazzo, P. 67435
Sartorello, P. *see* Raveglia, L. 75120
Sartori, M.S. An electromagnetic dissociation study in CR39 and in emulsion 88166
Sartori, P. *see* Gasparini, F. 53303
Sarusi, G., Zemel, A., Sher, A., Eger, D. Forward tunneling current in HgCdTe photodiodes 82824
Sarusi, G. *see* Gunapala, S.D. 52849
Sarusi, G. *see* Gunapala, S.D. 66366
Saruta, H. *see* Ozawa, J. 68896
Saruwatari, M. *see* Iwatsuki, K. 94578
Saruwatari, M. *see* Kamatani, O. 58404
Saruwatari, M. *see* Kawai, S. 65765
Saruwatari, M. *see* Kawanishi, S. 58399
Saruwatari, M. *see* Kawanishi, S. 65764
Saruwatari, M. *see* Kawanishi, S. 65782
Saruwatari, M. *see* Mori, K. 82586
Saruwatari, M. *see* Mori, K. 94089
Saruwatari, M. *see* Morioka, T. 50490
Saruwatari, M. *see* Morioka, T. 52610
Saruwatari, M. *see* Morioka, T. 56696
Saruwatari, M. *see* Morioka, T. 56920
Saruwatari, M. *see* Morioka, T. 75399
Saruwatari, M. *see* Suzuki, K. 52552
Saruwatari, M. *see* Suzuki, K. 86410
Saruwatari, M. *see* Takada, A. 56801
Saruwatari, M. *see* Takara, H. 66701
Saruwatari, M. *see* Takara, H. 72988
Saruwatari, M. *see* Takara, H. 76222
Saruwatari, M. *see* Utchiyama, K. 58254
Saruwatori, M. All-optical signal processing in ultrahigh-speed optical transmission 86420
Sarvazyan, A.P. *see* Skovoroda, A.R. 59352
Sarwal, A. *see* Dufresne, T.E. 88399
Sarwal, P., Patrikar, A., Srinath, M.D. Conjugate gradient algorithm for adaptive polynomial filters 74131
Sarwal, P., Srinath, M.D. A fuzzy logic system for channel equalization 51285
Sarwary, C. *see* Burgun, L. 49340
Sarwary, C. *see* Burgun, L. 91999
Sarwate, D.V. *see* Chawla, K.K. 58296
Sarwate, D.V. *see* Chawla, K.K. 65587
Sarwate, D.V. *see* Srinivasan, M. 95199
Saryo, T. *see* Mineo, M. 80876
Sas, J.Van *see* Van Sas, J.
Sasa, K. *see* Okamura, M. 59023
Sasabe, H. *see* Jae-Suk Lee 71016
Sasabe, H. *see* Kaneko, A. 72402
Sasabe, H. *see* Kaneko, A. 73123
Sasabe, H. *see* Kitazawa, M. 56871
Sasabe, H. *see* Wada, T. 72390
Sasabe, S. *see* Adachi, T. 51011
Sasada, I., Koga, F. A new structure of torque sensors using thin pickup head-use of mutual coupling modulation 66274
Sasada, I., Koga, F., Harada, K. A new thin pickup coil for magnetic head type torque sensors 52798
Sasada, I., Oonaka, Y. Experimental study on opening compensation for magnetic shields by current superposition 73388
Sasada, I., Yamaguchi, T., Harada, K., Notohara, Y. Planar inductors using NiZn ferrite thin plates and the application to high-frequency DC-DC converters 49133
Sasada, I. *see* Koga, F. 75913
Sasada, M. *see* Sanada, K. 55192
Sasada, Y. *see* Tsunoda, T. 60582
Sasagawa, K., Miki, H. A new driving and protective circuit of IGBT for motor drive application 54104
Sasagawa, K., Ogawa, K. Extraction of picture areas from a document image using a cooccurrence matrix 51612
Sasago, M., Katsuyama, A., Yamashita, K., Endo, M., Nomura, N., Tani, Y. Chemically amplified positive resist for KrF excimer laser lithography 81733
Sasago, M., Matsuo, T., Yamashita, K., Endo, M., Matsuoka, K., Koizumi, T., Katsuyama, A., Nomura, N. New technologies of KrF excimer laser lithography system in 0.25 micron complex circuit patterns 49933
Sasago, M. *see* Endo, M. 61717
Sasago, M. *see* Matsuo, T. 71356
Sasago, M. *see* Matsuo, T. 71540
Sasago, M. *see* Sangawa, U. 81731
Sasai, H., Takeyabu, M., Minomo, K., Takahata, F., Ogikubo, J. Unique word detection using quantized soft-decision data 84191
Sasajima, H. *see* Kakinouchi, T. 66785
Sasaki, A. *see* Gag, X. 94607
Sasaki, A. *see* Lin, X.W. 79843
Sasaki, A. *see* Nabetani, Y. 69977
Sasaki, A. *see* Noda, S. 66337
Sasaki, A. *see* Ohtsuki, J. 68996
Sasaki, A. *see* Tabuchi, M. 70063
Sasaki, A. *see* Xue-Lun Wang 93023
Sasaki, A. *see* Zhang, H.-C. 71062
Sasaki, G. *see* Bellur, B. 65314
Sasaki, G. *see* Nishiyama, N. 94316
Sasaki, G. *see* Soyama, N. 91555
Sasaki, G. *see* Suga, T. 81116
Sasaki, G. *see* Yano, H. 72657
Sasaki, G.H. *see* Pieris, G.R. 75478
Sasaki, H., Fujimoto, K., Ueno, F. A proposition on voltage-controlled oscillator based on bootstrap type astable multivibrator 91940
Sasaki, H., Fukao, M., Aoki, S., Makino, K. High-performance grey vision system, GV-3000 74387
Sasaki, H., Jian Ma, Fainman, Y., Lee, S.H., Taketomi, Y. Dynamics of a composite grating

in photorefractive crystals for memory application 82527
Sasaki, H., Ma, J., Mauduit, N., Fainman, Y., Lee, S.H. Digital holographic memory for optoelectronic neural network modules 63359
Sasaki, H., Matsue, S., Maehashi, Y. Technical trends and perspectives of electronic devices for engine control systems 78974
Sasaki, H., Morikawa, H., Matsuno, Y., Deguchi, M., Ishihara, T., Kumabe, H., Murotani, T., Mitsui, S. Light trapping for thin-film silicon solar cells fabricated on insulator 78825
Sasaki, H., Sadakuni, S., Kubokawa, J., Yorino, N. A study on load factor improvement by a co-ordinated control of air conditioner operations 69242
Sasaki, H., Shiraishi, T., Kawanishi, A. Magnetic shielding and minimization of shielding material 73398
Sasaki, H., Takahashi, K., Klonz, M. Development of a fast-reversed-dc current source 87106
Sasaki, H., Ushio, M., Zoka, Y., Kubokawa, J., Kitagawa, M. A study on optimal placement problem of fuel cells into distribution systems 68223
Sasaki, H., Yahara, M., Kotaka, K., Kamezaki, N., Ueno, F. A proposition on 1/n frequency divider using Schmidt-trigger circuit and SC Miller integrator 61834
Sasaki, H. *see* Fujimoto, K. 80282
Sasaki, H. *see* Kai, T. 100105
Sasaki, H. *see* Kawahara, K. 59885
Sasaki, H. *see* Kawarada, H. 81344
Sasaki, H. *see* Kobayashi, K. 81981
Sasaki, H. *see* Kubokawa, J. 89084
Sasaki, H. *see* Kudoh, J. 77396
Sasaki, H. *see* Mitsunaga, M. 57004
Sasaki, H. *see* Nagata, N. 99581
Sasaki, H. *see* Nagata, T. 59735
Sasaki, H. *see* Nagata, T. 89089
Sasaki, H. *see* Nohara, K. 93991
Sasaki, H. *see* Sakuta, Y. 93801
Sasaki, H. *see* Seki, M. 93572
Sasaki, H. *see* Suzuki, M. 70137
Sasaki, H. *see* Suzuki, M. 89357
Sasaki, H. *see* Tsuji, K. 89397
Sasaki, H. *see* Yorino, N. 59693
Sasaki, H. *see* Yorino, N. 68036
Sasaki, I., Higuchi, N., Moriga, N., Kimura, M. Highly functional, highly reliable packaging 54502
Sasaki, I., Higuchi, N., Moriga, N., Kimura, M. The development of highly reliable, high-performance packages 90995
Sasaki, I. *see* Noda, K. 71700
Sasaki, I. *see* Takeshima, T. 61701
Sasaki, I. *see* Takeshima, T. 92226
Sasaki, K., Furuhashi, K., Matsuoka, K., Nagatsu, M., Tsukishima, T. Numerical study of a high-power, optically-pumped 385 μm-D_2O laser using the Fourier expansion method 56639
Sasaki, K., Kamada, K., Masuhara, H. Optical control of microspherical laser oscillation by transient absorption 94580
Sasaki, K., Nagatsu, M., Tsukishima, T. Two-longitudinal-mode oscillation in a hybrid TEA CO_2 laser with the cw section above the lasing threshold 50744
Sasaki, K., Nakagawa, Y. Present and future powertrain systems and associated control technologies—the direction of Nissan's R&D programs 78950
Sasaki, K. *see* Ishibashi, K. 49420
Sasaki, K. *see* Ishibashi, K. 70564
Sasaki, K. *see* Kaneko, A. 72402
Sasaki, K. *see* Kaneko, A. 73123
Sasaki, K. *see* Kinoshita, T. 73120
Sasaki, K. *see* Kinoshita, T. 73121
Sasaki, K. *see* Kojima, H. 70342
Sasaki, K. *see* Masai, J. 63244
Sasaki, K. *see* Nakazawa, H. 96581
Sasaki, K. *see* Sasaki, T. 81570
Sasaki, K. *see* Tachibana, S. 70541
Sasaki, K. *see* Takada, N. 82917
Sasaki, K. *see* Wada, T. 72390
Sasaki, K. *see* Yamanaka, T. 70510
Sasaki, K. *see* Yokoyama, M. 62783
Sasaki, M., Gen, M. A method for solving reliability optimization problem with incomplete FDS by fuzzy multiobjective 0-1 linear programming 61053
Sasaki, M., Mikazuki, T., Yoshioka, Y., Okada, K. Live-insertion technologies for electronic circuit boards 49704
Sasaki, M., Okamoto, S., Hishikawa, Y., Tsuda, S., Nakano, S. Characterization of the defect density and band tail of an a-Si:H i-layer for solar cells by improved CPM measurements 100603
Sasaki, M., Suzuki, M., Kawamura, T., Fujino, K. A portable FM-CW radar for collecting the ground truth data of snowpack 67855
Sasaki, M., Ueno, F. A VLSI implementation of fuzzy logic controller using current mode CMOS circuits 70789
Sasaki, M., Ueno, F. 7.5 MFLIPS fuzzy microprocessor using SIMD and logic-in-memory structure 80385
Sasaki, M., Ueno, F., Inoue, T. 7.5 MFLIPS fuzzy microprocessor using SIMD and logic-in-memory structure 49495
Sasaki, M., Yoshida, S. Mass spectrometric study of the reaction of photo-oxidized GaAs with Ga 49904
Sasaki, M., Yoshida, S. Scattering of pulsed trimethylgallium beam from clean and oxidized GaAs surfaces 69960
Sasaki, M. *see* Hishikawa, Y. 79943
Sasaki, M. *see* Muranoi, T. 71276
Sasaki, M. *see* Naiki, I. 92196
Sasaki, M. *see* Nishiguchi, I. 82242
Sasaki, M. *see* Okamoto, S. 55749
Sasaki, M. *see* Takahashi, H. 61705
Sasaki, M. *see* Torii, A. 55026
Sasaki, M. *see* Torii, A. 87557
Sasaki, M. *see* Yamashita, H. 97663
Sasaki, N. *see* Saitoh, G. 82746
Sasaki, N. *see* Sato, H. 91974
Sasaki, N. *see* Ueda, K. 75483
Sasaki, O. *see* Gonzalez, H.L. 74734
Sasaki, O. *see* Ohska, T.K. 66159
Sasaki, O. *see* Suzuki, T. 87513
Sasaki, O. *see* Xiangzhao Wang 87511
Sasaki, R. *see* Alyasin, S. 89233
Sasaki, R.I. *see* Heydt, G.T. 99660
Sasaki, S. Analyses for a planar variably-polarizing undulator 87740
Sasaki, S., Jinkang Zhu, Marubayashi, G. Error control technique for parallel combinatory spread spectrum communication system 57342
Sasaki, S., Kikuchi, H., Jinkang Zhu, Marubayashi, G. Performance of parallel combinatory SS communication systems in Rayleigh fading channel 75210
Sasaki, S., Kishimoto, T., Sugiura, N. Coaxial SMT module connector for high-speed MCM 92670
Sasaki, S., Matsumoto, I., Watanabe, O., Urabe, K. Voice activity detection and transmission error control for digital cordless telephone system 86159
Sasaki, S., Shimada, T., Yanagida, K., Kobayashi, H., Miyahara, Y. First observation of undulator radiation from APPLE-I 87741
Sasaki, S. *see* Aoki, M. 97282
Sasaki, S. *see* Fukuda, Y. 81516
Sasaki, S. *see* Miyajima, M. 59117
Sasaki, S. *see* Onizuka, K. 90676
Sasaki, S. *see* Sekine, G. 75391
Sasaki, S. *see* Yao, T. 71278
Sasaki, T., Enoki, T., Tachikawa, M., Sugo, M., Mori, H. InAlAs/InGaAs MSM PDs heteroepitaxially grown on Si 56554
Sasaki, T., Kagomi, S., Sasaki, K., Noya, A., Yoshimoto, K. Effect of the phase transition of Ti silicide on the thermal stability of Si-interface in the Cu-$CuTi_2$-Ti-Si contact system 81570
Sasaki, T., Kohno, R., Imai, H. Variable error controlling schemes for intelligent error controlling systems 95136
Sasaki, T., Oda, N. Highly producible HgCdTe molecular beam epitaxy growth technique using radiational substrate heating 91525
Sasaki, T., Tsumura, M., Nagae, Y., Suzuki, M., Iwata, T. An analysis of image-sticking effect by transmittance drift measurement in liquid-crystal cells 94211
Sasaki, T., Yamaguchi, M., Kitamura, M. 10 wavelength MQW-DBR lasers fabricated by selective MOVPE growth 56775
Sasaki, T. *see* Akao, N. 56196
Sasaki, T. *see* Hayashi, F. 93411
Sasaki, T. *see* Ido, H. 48790
Sasaki, T. *see* Imamura, M. 72051
Sasaki, T. *see* Isono, T. 82466
Sasaki, T. *see* Iwasaki, H. 91081
Sasaki, T. *see* Kitamura, S. 83109
Sasaki, T. *see* Kume, H. 61738
Sasaki, T. *see* Nakagawa, S. 55812
Sasaki, T. *see* Nakajima, H. 72261
Sasaki, T. *see* Nakajima, H. 72261
Sasaki, T. *see* Nishi, M. 72260
Sasaki, T. *see* Nishi, M. 93992
Sasaki, T. *see* Sichanugrist, P. 100594
Sasaki, T. *see* Suzuki, N. 95748
Sasaki, T. *see* Takada, S. 63148
Sasaki, T. *see* Takahashi, Y. 72219
Sasaki, T. *see* Tanaka, T. 63143
Sasaki, T. *see* Wang-Long Zhou 63740
Sasaki, T. *see* Yamamoto, T. 66593
Sasaki, Y., Kameyama, M. A VLSI-oriented model-based robot vision processor for 3-D instrumentation and object recognition 80389
Sasaki, Y., Kameyama, M. Model-based robot vision VLSI processor for 3-D instrumentation and object recognition 92290
Sasaki, Y., Kitahara, M. Structure and formation of porous Si layers as studied by infrared absorption and Raman scattering 81208
Sasaki, Y., Nakamura, H., Fujimura, S. Depth dependence of snow brightness temperature on sea ice 77510
Sasaki, Y., Yamane, H., Nakagawa, M., Inoue, K., Yoshimori, M., Ando, Y., Kagawa, S., Okamoto, S., Miyashita, T., Ogoro, K. 3V LSIs for digital cellular phones 65637
Sasaki, Y. *see* Ishigaki, H. 51961
Sasaki, Y. *see* Kawahito, S. 52826
Sasaki, Y. *see* Kawahito, S. 66244
Sasaki, Y. *see* Matsuura, T. 92423
Sasaki, Y. *see* Mukaihara, K. 66052
Sasaki, Y. *see* Tasaka, S. 53547
Sasaki, Y. *see* Yonehara, H. 76341
Sasaki, Y. *see* Zaitsu, T. 49134
Sasaki, Y. *see* Zhu, Z. 91432
Sassla, R.A., Sites, J.R. Time dependent voltage in $CuInSe_2$ and CdTe solar cells 100653
Sasama, H. Maintenance of railway facilities by continuously scanned image inspection 69500
Sasamoto, K. *see* Matsumoto, T. 61291
Sasane, S., Ogawa, H. Segmentation of cloud images and identification of clouds by using run length statistics and fractal dimension 77384
Sasanelli, N. *see* Pesce, A. 70368
Sasano, A. *see* Kawachi, G. 76120
Sasano, K., Kawagoe, J., Nakagawara, K. Bi-directional computing watt/VAr-frequency converter 68855
Sasano, T. *see* Morishita, I. 76068
Sasano, Y. *see* Sugimoto, N. 67826
Sasano, Y. *see* Yokota, T. 77371
Sasao, K., Kabashima, S. Reduction in the instability of nonequilibrium plasma near the inlet of a disk MHD generator 69016
Sasao, M. *see* Kawano, H. 53203
Sasao, M. *see* Wada, M. 53204
Sasao, M. *see* Wada, M. 67267
Sasao, T. Logic design methods for field programmable logic arrays 80236
Sasao, T., Butler, J.T. A design method for look-up table type FPGA by pseudo-Kronecker expansion 55232
Sasao, T. *see* Butler, J.T. 55252
Sasao, T. *see* Koda, N. 61455
Sasao, T. *see* Stankovic, R.S. 55231
Sasaoka, H. Simulation method for correlated multi-path fading waves in space diversity systems 58321
Sasaoka, H., Omori, Y. Multi-carrier QAM system using frequency spread coding in land mobile radio communications 52385
Sasaoka, H. *see* Kinoshita, N. 86155
Sasaoka, H. *see* Nagayasu, T. 58278
Sasaoka, H. *see* Omoru, Y. 65708
Sasaoka, H. *see* Suzuki, M. 97132
Sasaoka, T. *see* Fujishiro, H. 89291
Sassoki, H. Analysis of block error probability of diversity systems in digital indoor radio channels 97006
Sasase, I. *see* Ehara, N. 65875
Sasase, I. *see* Ohtsuki, T. 95071
Sasase, I. *see* Ohtsuki, T. 95153
Sasase, I. *see* Sato, K. 97324
Sasase, I. *see* Shiokawa, S. 74657
Sasayama, K., Okuno, M., Habara, K. Photonic FDM multichannel selector using coherent optical transversal filter 65756
Sasayama, K. *see* Yamada, Y. 97314
Sasayama, T. Sensors and sensing technology for intelligent vehicle era 69180
Sasayama, T. *see* Ueno, S. 98345
Sasdelli, R., Menchetti, A., Montanari, G.C. Power definitions for power-factor correction under nonsinusoidal conditions 77892
Sasdelli, R., Montanari, G.C. Compensable power for electrical systems in nonsinusoidal conditions 89058
Sasdelli, R. *see* Menchetti, A. 78238
Sashin, D. *see* Grootoonk, S. 59288
Sasian, J.M., Novotny, R.A., Beckman, M.G., Walker, S.L., Wojcik, M.J., Hinterlong, S.J. Fabrication of fiber bundle arrays for free-space photonic switching systems 94056
Sasic, R., Ramovic, R. Modeling of current-voltage characteristics for short channel MOS transistors 93481
Sasiela, R.J. *see* Harman, W.H. 77203
Sasiela, R.J. *see* Schultz, H.B. 77204
Sasiela, R.J. *see* Wyschogrod, D. 77207
Sasisekharan, R., Seshadri, V., Weiss, S.M. Proactive network maintenance using machine learning 74856
Sasisekharan, R., Yung-Kao Hsu, Simen, D. SCOUT: an approach to automating diagnoses of faults in large scale networks 74855
Saslow, W.M. Consider a spherical battery... 54369
Sass, J. *see* Janik, D. 86835
Sass, P. *see* Ramos, M. 94169
Sass, R. *see* Himel, T. 76560
Sass, R.C., Shoaee, H. CATER: an online problem tracking facility for SLC 76354
Sasse, E. *see* Luy, J.-F. 80868
Sasse, M.-A., Handley, M.J. Workstation—based multimedia conferencing: Experiences from the MICE project 52239
Sasse, M.A. *see* Handley, M.J. 52238
Sassi, I.H. *see* Guo, Y.J. 73509
Sassi, M.B. *see* Kamoun, F. 85791
Sassi, M.P. *see* Pisani, M.Q. 86879
Sassine, R.M., Lowther, D.A. A knowledge-based environment for linking electromagnetic design tools 79250
Sasso, E. *see* Poggi, G. 85057
Sassoli, K. *see* Lanzi, L. 98009
Sassolii, K. *see* Niki, M. 80900
Sassone, G. *see* Brambilla, A. 61549
Sastre, R. *see* Ferrer, M.L. 50750

Sastre, R. *see* Fimia, A. 94681
Sastry, C.R. *see* Rao, C.R. 64432
Sastry, K.L.A., Mudry, K., Passalaqua, A.M. MAP image reconstruction methods using adaptive parameter selection 76947
Sastry, P.S., Phansalkar, V.V., Thathachar, M.A.L. Decentralized learning of Nash equilibria in multi-person stochastic games with incomplete information 61080
Sastry, P.S., Thathachar, M.A.L. Analysis of stochastic automata algorithm for relaxation labelling 64591
Sastry, S.M.L. *see* Mahidhara, R.K. 79979
Sastry, S.P. *see* Mitkas, P.A. 58655
Sastry, V.V., Metzner, D., Schroder, D. An integrated approach to simulation of power electronic circuits and systems 80091
Sastry Raghu *see* Raghu Sastry
Sat, H. *see* Ishino, M. 97666
Satake, H., Toriumi, A. Substrate hole current generation and oxide breakdown in Si MOSFETs under Fowler-Nordheim electron tunneling injection 93400
Satake, K., Katayama, A., Ohkoshi, H., Nakahara, T., Takeuchi, T. Titania NO_x sensors for exhaust monitoring 98147
Satake, M., Short, D., Han, D. Data sub-setting, re-sampling and co-registration for calibration of the TRMM space-borne radar using validation observations from ground-based radars 77368
Satake, M. *see* Hanado, H. 77386
Satake, T. *see* Cardona, M. 85343
Satake, T. *see* Cardona, M. 96218
Satani, H. *see* Sotome, H. 86427
Satchell, J.S. *see* Goodyear, S.W. 72222
Satchell, J.S. *see* Keene, M.N. 72242
Sate, I. *see* Enomoto, A. 67005
Sate, I. *see* Konashi, K. 49746
Sathappan, N. *see* Kazimierczuk, M.K. 55115
Sathaye, J., Tyler, S., Goldman, N. Transportation, fuel use and air quality in Asian cities 69145
Sathaye, S.S., Strosnider, J.K. Conventional and early token release scheduling models for the IEEE 802.5 token ring 58149
Sathe, S.J., Haggard, R.L. Comparison of commercially available FPGA architectures 80283
Sathiamoorthy, M., Probert, S.D. The integrated Severn barrage complex: harnessing tidal, wave and wind power 99973
Sathianathan, H. *see* French, M.L. 80327
Sathishram, S. *see* Grzybowski, S. 89260
Sathishram, S. *see* Grzybowski, S. 90316
Sathyanarayana, M.N. *see* Goel, P.S. 77189
Sathyendran, A., Sowerby, K.W., Shafi, M. The effect of adjacent cell interference, power control and error correction on a CDMA cellular system 65667
Satish, A., Kashyap, R.L. Cramer-Rao bounds and estimation of direction of arrival for narrowband signals 84529
Satish, J. *see* Billinton, R. 99414
Satish, L., Zaengl, W.S. Artificial neural networks for recognition of 3-d partial discharge patterns 50117
Satish Kumar *see* Gupta, O.P. 53829
Satko, L. *see* Abrhan, I. 91166
Satko, L. *see* Abrhan, I. 91167
Satnam, P.S., Kang, P.S. Choice of rated voltage for shunt capacitor banks 90466
Sato, A. Reflection formats for color LCDs solve power-consumption problems 98198
Sato, A., Tsukamoto, Y. Nanometer-scale reversible recording using STM 49840
Sato, A. *see* Akiyama, T. 97609
Sato, A. *see* Kawabata, M. 50964
Sato, A. *see* Kimura, T. 71312
Sato, A. *see* Matsui, S. 71546
Sato, A. *see* Ozaki, T. 75729
Sato, A. *see* Yoshida, Y. 89653
Sato, B.K., Mikami, N., Kawahara, T., Kusumi, Y., Ito, H. Technology for high-dielectric-constant thin films [DRAM devices] 56165
Sato, C. *see* Fujisaka, H. 79707
Sato, C. *see* Fujita, H. 78714
Sato, D.I. *see* Lee, H.P. 54951
Sato, E., Sagae, M., Takahashi, K., Shikoda, A., Oizumi, T., Hayasi, Y., Tamakawa, Y., Yanagisawa, T. 10 kHz microsecond pulsed X-ray generator utilising a hot-cathode triode with variable durations for biomedical radiography 67499
Sato, E., Takahashi, K., Sagae, M., Kimura, S., Oizumi, T., Hayasi, Y., Tamakawa, Y., Yanagisawa, T. Sub-kilohertz flash X-ray generator utilising a glass-enclosed cold-cathode triode 67498
Sato, E. *see* Miyamoto, M. 76192
Sato, E. *see* Shikoda, A. 59219
Sato, E. *see* Takahashi, K. 81160
Sato, F., Garcia, A.V., Monticelli, A. Parallel implementation of probabilistic short-circuit analysis by the Monte Carlo approach 53646
Sato, F., Garcia, A.V., Monticelli, A. Parallel implementation of probabilistic short-circuit analysis by the Monte Carlo approach 77840
Sato, F., Hashimoto, T., Tatsumi, T., Kitahata, H., Tashiro, T. Sub-20 psec ECL circuits with 50 GHz fmax self-aligned SiGe HBTs 61662
Sato, F., Murayama, M. A configuration methodology for high-speed, bi-level image codec LSI 96874
Sato, F., Tatsumi, T., Hashimoto, T., Tashiro, T. A super self-aligned selectively grown SiGe base (SSSB) bipolar transistor fabricated by cold-wall type UHV/CVD technology 81824
Sato, F. *see* Chikawa, J. 69962
Sato, F. *see* Hamada, S. 81589
Sato, F. *see* Hoshi, M. 55976
Sato, F. *see* Soda, M. 97327
Sato, G. *see* Kawakami, H. 83869
Sato, H. Preparation of praseodymium-doped single crystal barium fluoride thin film on CaF_2 by chemical vapor deposition 48942
Sato, H. Preparation of a BaF_2/CaF_2 slab optical waveguide by chemical vapor deposition 50530
Sato, H. 6 kV solid-insulated switchgear (miniclad) delivered to Rikuzenharanomachi substation of East Japan Railway Company 78743
Sato, H., Azumai, Y. A unique optical fiber amplifier with periodic gain and index corrugations 72735
Sato, H., Hama, T., Niemi, E., Ichikawa, Y., Sakai, H. Formation of $CuIn(Ga)Se_2$ thin films by selenization and application to solar cells 61353
Sato, H., Hama, T., Niemi, E., Ichikawa, Y., Sakai, H. Fabrication of high efficiency $CuIn(Ga)Se_2$ thin film solar cell by of high efficiency selenization with H_2Se 100650
Sato, H., Makino, T., Matsui, N. An automatic torque ripple compensation system for direct drive motors 54005
Sato, H., Minami, T., Miyata, T., Takata, S., Ishii, M. Transparent conducting ZnO thin films prepared on low temperature substrates by chemical vapour deposition using $Zn(C_5H_7O_2)_2$ 61392
Sato, H., Minami, T., Tamura, Y., Takata, S., Mouri, T., Ogawa, N. Aluminium content dependence of milky transparent conducting ZnO:Al films with textured surface prepared by d.c. magnetron sputtering 61393
Sato, H., Sueno, T., Mikawa, M., Toyama, T. Reduction of the uncharacteristic ripple component in the synchrotron power supply 60310
Sato, H., Tsuneno, K., Masuda, H. Evaluation of two-dimensional transient enhanced diffusion of phosphorus during shallow junction formation 50082
Sato, H., Ueda, K., Sasaki, N., Ikeda, T., Mashiko, K. A voltage compensated series-gate bipolar circuit operating at sub-2 V 91974
Sato, H., Yamagata, T., Fujita, K., Nisimura, Y., Anami, K. A distributed globally replaceable redundancy scheme for sub-half micron ULSI memories and beyond 70563
Sato, H., Yamanaka, N. Estimation of VC-QOS caused by VP shaping 64988
Sato, H., Yamazaki, M., Fujita, M. ZEPHCAD and FLORA: logic synthesis for control and datapath 91760
Sato, H. *see* Asada, M. 59921
Sato, H. *see* Azumai, Y. 83259
Sato, H. *see* Ito, S. 71463
Sato, H. *see* Kawahito, S. 52826
Sato, H. *see* Kawahito, S. 66244
Sato, H. *see* Kumada, M. 68748
Sato, H. *see* Minami, T. 54970
Sato, H. *see* Mizuuchi, K. 73076
Sato, H. *see* Muto, S. 98042
Sato, H. *see* Nakamura, H. 98229
Sato, H. *see* Omachi, T. 58244
Sato, H. *see* Sakuno, K. 80785
Sato, H. *see* Shirakata, M. 98412
Sato, H. *see* Tsuneno, K. 49986
Sato, H. *see* Ueda, K. 75483
Sato, H. *see* Usui, M. 63439
Sato, H. *see* Yamanaka, H. 86010
Sato, I. *see* Fukuda, S. 67166
Sato, I. *see* Kamitani, T. 87822
Sato, I. *see* Ogawa, Y. 76617
Sato, I. *see* Ohsawa, S. 76312
Sato, I. *see* Rokugawa, S. 77276
Sato, I. *see* Shidara, T. 68756
Sato, I. *see* Tomizawa, M. 87568
Sato, I. *see* Toyama, S. 66792
Sato, J., Alomary, A.Y., Honma, Y., Nakata, T., Shiomi, A., Hikichi, N., Imai, M. PEAS-I: a hardware/software codesign system for ASIP development 49492
Sato, J. *see* Fujishiro, H. 89291
Sato, J. *see* Tsukiyama, T. 95985
Sato, K. IS&C implementation of an image workstation 67660
Sato, K. 3D scene understanding from range images 84614
Sato, K., Bessho, T., Ozaki, T., Horikawa, O., Okabe, S., Shimokohbe, A. An Active Air Rotary Bearing. II. Control of five degrees-of-freedom axis motion except the axis rotation 90323
Sato, K., Faey, M.R., Joyce, B.A. The growth of high quality GaAs on GaAs(111)A 70034
Sato, K., Fahy, M.R., Joyce, B.A. Reflection high energy electron diffraction intensity oscillation study of the growth of GaAs on GaAs(111)A 70062
Sato, K., Honna, H., Iwabuchi, S., Hirano, T., Koinuma, H. Ab initio molecular-orbital study on successive hydrogen-elimination reactions with low activation energies in the *a*-Si:H formation process: cluster-size dependence of activation energies 70160
Sato, K., Ishii, M., Kato, K., Ishiwata, H., Suzuki, H., Tsumura, Y., Morimoto, S. Development of 1 kW-class DC arcjet system 99119
Sato, K., Matsui, Y., Adachi, K., Gotoh, Y., Hayashi, Y., Nishimura, H. Hydrogen plasma treatment of ZnO-coated TCO films 100533
Sato, K., Ohtsuki, T., Sasase, I., Mori, S. Performance analysis of multi-pulse PPM with imperfect slot synchronization in optical direct-detection channel 97324
Sato, K., Okamoto, K., Fuda, Y., Yoshida, T. Analysis of sensitivity of accelerometer using multilayer piezoelectric ceramics 97889
Sato, K., Togura, K., Sato, K. Spontaneous extinction of twin surface in GaAs on Si(100) grown by one-step low-pressure metal-organic chemical vapor deposition 54890
Sato, K., Wakamatsu, H., Shinohara, M. Noise characteristics of CoCrTa/NiFe perpendicular recording media 50304
Sato, K., Wakita, K., Kotaka, I., Kondo, Y., Yamamoto, M. Multisection electroabsorption modulators integrated with distributed feedback lasers for pulse generation coded at 10 Gbit/s 75390
Sato, K., Wakita, K., Kotaka, I., Kondo, Y., Yamamoto, M., Takada, A. Monolithic strained-InGaAsP multiple-quantum-well lasers with integrated electroabsorption modulators for active mode locking 72809
Sato, K., Yang, D., Iwabuchi, S., Hirano, T., Koinuma, H. SiH_3CH_3+F: a potential reaction system for preparing uniform SiC film predicted by using an ab initio molecular orbital method 91631
Sato, K. *see* Eimori, T. 92192
Sato, K. *see* Fujikami, J. 68254
Sato, K. *see* Hadama, H. 51745
Sato, K. *see* Hamazumi, Y. 65849
Sato, K. *see* Horikawa, T. 49436
Sato, K. *see* Ikeda, T. 92947
Sato, K. *see* Itano, A. 87686
Sato, K. *see* Kataoka, T. 58428
Sato, K. *see* Kinugawa, Y. 52390
Sato, K. *see* Kojima, N. 91481
Sato, K. *see* Kotaka, I. 72923
Sato, K. *see* Kumada, M. 68748
Sato, K. *see* Kuroiwa, T. 93710
Sato, K. *see* Lee, D.J. 70524
Sato, K. *see* Magari, K. 63796
Sato, K. *see* Matsumoto, S. 72910
Sato, K. *see* Miyakuni, S. 55792
Sato, K. *see* Murakami, T. 76296
Sato, K. *see* Nakao, H. 55045
Sato, K. *see* Nakatani, M. 71469
Sato, K. *see* Ohno, N. 52474
Sato, K. *see* Okamoto, S. 75431
Sato, K. *see* Sato, K. 54890
Sato, K. *see* Shikida, M. 66301
Sato, K. *see* Shimokohbe, A. 87509
Sato, K. *see* Takada, A. 56801
Sato, K. *see* Takahashi, K. 92162
Sato, K. *see* Tanaka, K. 66456
Sato, K. *see* Tanaka, M. 73293
Sato, K. *see* Usui, M. 83042
Sato, K. *see* Usui, M. 94543
Sato, K. *see* Yabe, T. 70566
Sato, K. *see* Yabe, T. 70566
Sato, K. *see* Yamada, H. 75458
Sato, K. *see* Yamaguchi, D. 85313
Sato, M. Al-Cu alloy etching using in-reactor aluminum chloride formation in static magnetron triode reactive ion etching 62501
Sato, M., Kuramoto, S. A study on equivalent impedance of the building columns and girders against the lightning surges 53018
Sato, M., Ohkubo, T., Niitsuma, A. Slot antenna borehole radar measurements in granite 67769
Sato, M., Onishi, Y., Nakaue, A. Co-based alloy media with a high coercivity prepared by heat treatment after sputtering 50292
Sato, M., Togawa, N. Layout CAD methods for FPGAs 80237
Sato, M., Yamamoto, T., Meguro, T., Yamanouchi, K. Sensitivity of an anodically oxidized aluminium film on a surface acoustic wave sensor to humidity 97895
Sato, M. *see* Ando, M. 94959
Sato, M. *see* Hatoh, H. 87367
Sato, M. *see* Ide, K. 68575
Sato, M. *see* Kato, S. 93204
Sato, M. *see* Kojima, K. 79367
Sato, M. *see* Kuwabara, M. 63184
Sato, M. *see* Masugi, M. 79266
Sato, M. *see* Murata, K. 69913
Sato, M. *see* Nakata, T. 78473
Sato, M. *see* Ohkubo, K. 92457
Sato, M. *see* Oikawa, N. 64600
Sato, M. *see* Oura, Y. 68044
Sato, M. *see* Ozawa, Y. 78450
Sato, M. *see* Takasaki, Y. 99565
Sato, M. *see* Togawa, N. 70386
Sato, M. *see* Togawa, N. 91816
Sato, M. *see* Ueda, T. 87576
Sato, M. *see* Yamaguchi, Y. 70498
Sato, M. *see* Yamamoto, W. 82015

Sato, N., Miyazaki, Y., Yamashita, M., Takenaka, Y. Disturbances of Decca waves near a huge bridge 65939
Sato, N., Oshima, K., Hara, S. A ventilation system for airtight dwellings 79025
Sato, N., Tominaga, T., Miyata, M., Okamoto, T. Methodology for estimating facsimile service quality 52057
Sato, N., Tominaga, T., Murakami, H. Facsimile service quality issues and an objective evaluation methodology on image quality degradation 96572
Sato, N. *see* Iizuka, S. 93900
Sato, N. *see* Ishida, T. 81528
Sato, N. *see* Ishihara, T. 92889
Sato, N. *see* Kita, H. 68136
Sato, N. *see* Shimozuma, T. 92891
Sato, N. *see* Taoka, H. 53641
Sato, N. *see* Taoka, H. 78242
Sato, N. *see* Yonehara, T. 48925
Sato, O. *see* Morinaga, K. 97430
Sato, O. *see* Yamamura, Y. 69173
Sato, R. *see* Minegishi, S. 73397
Sato, S. An analysis of ATM cell loss probability based on virtual queueing system 85223
Sato, S., Hakozaki, K., Azuma, K., Iguchi, K., Sakiyama, K. An ultra-thin fully depleted floating gate technology for 64 Mb flash and beyond 70520
Sato, S., Hara, T., Minowa, T. Detection of decomposed gas generated from an arc discharge in SF_6 using a dye film 100396
Sato, S., Inaba, H. Second-harmonic and sum-frequency generation from optically trapped $KTiOPO_4$ microscopic particles by use of Nd:YAG and Ti:Al_2O_3 lasers 63923
Sato, S., Inoue, J. Inverse Gaussian distribution and its application 79524
Sato, S., Shimizu, K., Shimamoto, K. Efficient room-temperature CO laser with high specific output 56617
Sato, S. *see* Hirakata, K. 63100
Sato, S. *see* Kawamura, A. 70508
Sato, S. *see* Kurata, M. 98524
Sato, S. *see* Kuribayashi, S. 82952
Sato, S. *see* Murakami, T. 74942
Sato, S. *see* Nohara, K. 93991
Sato, S. *see* Nose, T. 56450
Sato, S. *see* Nose, T. 66153
Sato, S. *see* Okawa, K. 65515
Sato, S. *see* Sakata, S. 82927
Sato, S. *see* Sato, Y. 62224
Sato, S. *see* Sato, Y. 79944
Sato, S. *see* Shimizu, K. 82938
Sato, S. *see* Shinohe, T. 55937
Sato, S. *see* Takahashi, N. 77352
Sato, S. *see* Tokuda, K. 64216
Sato, S. *see* Yokoo, K. 62058
Sato, S. *see* Yokoo, K. 62066
Sato, S. *see* Zhan He 50597
Sato, T. Magnetic field effect on oscillation characteristics of a semiconductor laser 50868
Sato, T. Step from 2- to 3-D process breaks ground for microfabricated wobble motors 78669
Sato, T., Hannai, S., Muraoka, Y., Kiyota, Y. 16 M bit silicon file μPD426171/426174 61708
Sato, T., Horiguchi, T., Koyamada, Y. 1.6 μm band coherent optical time-domain reflectometry 94061
Sato, T., Ishikawa, T., Kaneko, S., Nakayama, H., Nonaka, Y., Kobayashi, T. High-speed DRAMs 61703
Sato, T., Mizumoto, J., Kobayashi, Y., Ishiguro, M., Ohkawa, M., Maruyama, T., Shimba, M. Frequency stabilization of a semiconductor laser under direct frequency shift keying using the saturated absorption signal 56754
Sato, T., Nakano, T. Dynamic characteristics of the voltage resonant converter controlled by multiple resonant switches 68713
Sato, T., Shimizu, M., Uchida, H., Katsube, T. Light-addressable suspended-gate gas sensor 98158
Sato, T., Takeda, K., Wakayama, T., Kimura, I., Abe, T., Shinbo, T. Automatic data processing procedure for ground probing radar 97422
Sato, T., Tanno, Y. Magnetic bearing having PID controller and discontinuous controller 93899
Sato, T., Tomita, H., Sawabe, A., Inoue, T., Mizoguchi, T., Sahashi, M. A magnetic thin film inductor and its application to a MHz switching dc-dc converter 72197
Sato, T., Yamamura, N., Tunehiro, Y. Wind power system using a wound-rotor induction machine 89763
Sato, T. *see* Fujikura, M. 56210
Sato, T. *see* Fukasawa, A. 97784
Sato, T. *see* Furui, M. 58592
Sato, T. *see* Gunji, S. 88317
Sato, T. *see* Hamaguchi, T. 66472
Sato, T. *see* Hui Zhao 96223
Sato, T. *see* Iba, H. 54716
Sato, T. *see* Kawabe, M. 75355
Sato, T. *see* Miyata, S. 61706
Sato, T. *see* Mizuno, A. 68936
Sato, T. *see* Morinaga, K. 97430
Sato, T. *see* Oda, H. 93893
Sato, T. *see* Ohmi, M. 63685
Sato, T. *see* Sakaki, Y. 50378
Sato, T. *see* Sangawa, U. 81731
Sato, T. *see* Sivak, M. 78998
Sato, T. *see* Takahashi, I. 60363
Sato, T. *see* Takahashi, M. 80386
Sato, T. *see* Tanigawa, K. 61967
Sato, T. *see* Tomita, H. 71968
Sato, T. *see* Tsutsui, H. 97793
Sato, T. *see* Uesugi, K. 69939
Sato, T. *see* Wakayama, T. 75640
Sato, T. *see* Zhao, H. 96245
Sato, Y. Blind equalization and blind sequence estimation 64570
Sato, Y., Ikeuchi, K. Temporal-color space analysis of reflection 96036
Sato, Y., Kakinuma, S., Sato, S. InN thin-film growth using N_2, NH_3 and N_2-He RF plasmas 79944
Sato, Y., Kanai, H., Yamashita, Y. Grain size dependence of dielectric constant for modified $(Pb_{0.63}Ba_{0.37})(Zr_{0.7}Ti_{0.3})O_3$ ceramic material 56132
Sato, Y., Kawashima, I. Fluorine-enhanced boron migration into oxide from underlying silicon 55663
Sato, Y., Kitagawa, A., Ogawa, H., Yamada, S. Heavy-ion sources for radiation therapy 88546
Sato, Y., Miyazawa, H., Kataoka, T. A control method for improving AC input current waveform of current-type PWM rectifiers 90130
Sato, Y., Sato, S. Electrical and optical properties of InN-In_2O_3 thin films 62224
Sato, Y., Suzuki, K., Draou, A., Kataoka, T. A new control strategy to improve AC input current waveform of parallel connected current type PWM rectifiers 68868
Sato, Y., Takeda, S., Yoshimoto, H., Inoue, K. Development of 100 kV gap switches and generation of MA-class pulsed current of fast rising 90288
Sato, Y. *see* Chiba, N. 64603
Sato, Y. *see* Kataoka, T. 60276
Sato, Y. *see* Kitagawa, A. 53159
Sato, Y. *see* Kumada, M. 68748
Sato, Y. *see* Murakami, T. 76296
Sato, Y. *see* Nakanishi, T. 71704
Sato, Y. *see* Pu, G. 94161
Sato, Y. *see* Takebuchi, H. 90218
Sato, Y. *see* Yamabayashi, Y. 94090
Sato-Iwanaga, J. *see* Ke-Chih Wu 62647
Satogata, T., Peggs, S. Beam-beam modulational diffusion in 2 1/2 dimensions 66919
Satogata, T. *see* Trbojevic, D. 98408
Satoh, A., Tomikawa, Y., Ohnishi, K. Piezoelectric vibratory gyro-sensor using a trident-type tuning fork resonator 93767
Satoh, A. *see* Aoyagi, M. 54049
Satoh, G. *see* Inoue, T. 52441
Satoh, H., Kanai, H., Chubachi, N. Measurement of small vibration on heart wall by tracking cardiac motion using dynamic programming 53381
Satoh, H., Shimoda, Y. A lightning surge protection semiconductor device 85963
Satoh, H. *see* Akaishi, A. 57258
Satoh, H. *see* Hiyama, T. 89153
Satoh, H. *see* Kamishima, Y. 65493
Satoh, H. *see* Kawamoto, H. 94725
Satoh, H. *see* Kiryu, T. 88483
Satoh, H. *see* Yamamura, M. 91326
Satoh, I. *see* Imada, G. 63650
Satoh, J., Namba, H., Kikuchi, T., Yamada, K., Yoshioka, H., Tanaka, M., Shono, K. Optical beam induced current technique as a failure analysis tool of EPROMs 61683
Satoh, K. *see* Higasa, H. 54194
Satoh, K. *see* Matsubara, T. 86021
Satoh, K. *see* Matsubara, T. 94308
Satoh, K. *see* Okamura, M. 59023
Satoh, K. *see* Shimatsu, T. 72043
Satoh, K. *see* Takeda, O. 76414
Satoh, M. *see* Agatsuma, K. 97964
Satoh, M. *see* Matsuo, M. 92259
Satoh, S., Mito, T., Yamada, S., Yamamoto, J., Motojima, O. Construction of a 10 kW class helium cryogenic system for the large helical device 93984
Satoh, S., Sude, R., Tashiro, H., Higaki, N., Nakayama, N. CMOS-SRAM soft-error simulation system 61696
Satoh, S. *see* Eimori, T. 92192
Satoh, S. *see* Eimori, T. 93610
Satoh, S. *see* Imai, M. 82558
Satoh, S. *see* Matsushita, K. 86360
Satoh, S. *see* Morihara, T. 82009
Satoh, S. *see* Ohno, Y. 49437
Satoh, S. *see* Sayama, H. 49414
Satoh, S. *see* Sayama, H. 61736
Satoh, S. *see* Takahashi, J. 61757
Satoh, S.-I. *see* Asakura, M. 92222
Satoh, T. *see* Waguri, S. 58095
Satoh, Y., Ikata, O., Miyashita, T., Matsuda, T., Nishihara, T. A low-loss bandpass filter using SAW resonators 63125
Satoh, Y., Shikama, S., Soutome, Y., Nakamura, Y. Magnetic recording characteristics of double-layered LIPS tape prepared by over-coating 56219
Satoh, Y. *see* Ikata, O. 96878
Satoh, Y. *see* Mizukami, M. 93634
Satoh, Y. *see* Terai, H. 92251
Satomura, R. *see* Tanaka, S. 49489
Satomura, R. *see* Tanaka, S. 70666
Satomura, Y. *see* Ohke, S. 72362
Satonaka, T. *see* Nakahira, H. 80529
Satorre, M.A. *see* Boj, P.G. 56939
Satou, K. *see* Kakino, Y. 87545
Satou, M. *see* Kamisada, Y. 82322
Satou, M. *see* Ogiwara, H. 89303
Satou, O. *see* Nishiyama, K. 84494
Satow, T. *see* Hara, M. 71840
Satow, T. *see* Imagawa, S. 94022
Satow, T. *see* Sumiyoshi, F. 82492
Satow, T. *see* Takahata, K. 82416
Satpathi, D. *see* Maji, A.K. 73159
Satrapinski, A. *see* Seppa, H. 80889
Satriano, J.H. *see* Fusillo, L.J. 99143
Satrojwas, A.J. *see* Sivaraman, M. 49318
Satsangi, P.S. *see* Malik, S.B. 78279
Satta, N. *see* Nishimaki, K. 88148
Sattamino, A. *see* Callegaro, L. 71874
Sattel, H. *see* Besthorn, C. 59383
Satterthwaite, C.P. *see* Gowda, R.G. 88674
Saturnelli, A. *see* Redmond, B.L. 54393
Saturno, E.A.Castillo *see* Castillo Saturno, E.A.
Saturno, E.C. *see* Borges da Silva, L.E. 69097
Satya Mohan, K. *see* Latha, K. 56089
Satyamurthy, P. *see* Dixit, N.S. 60483
Satyanarayana, A.V.V. *see* Subbaiah, P.V. 51223
Satyanarayana, D., Chakraborty, A. Analysis of wide inclined slot coupled narrow wall coupler between dissimilar rectangular waveguides 61881
Satyanarayana, K. *see* Reddy, D.C. 88342
Satzke, K. *see* Haisch, H. 86520
Satzke, K. *see* Zielinski, E. 56434
Sau Chung Loh *see* Ming-Kang Liu 75117
Sau-Gee Chen, Chieh-Chih Li An efficient division algorithm and its architecture 80264
Sau-Gee Chen *see* Kai-Yao Chen 95931
Saucedo, F., R. *see* Ramos Niembro, G. 77971
Saucier, G. *see* Brasen, D. 49300
Saucier, G. *see* Jacquet, D. 49596
Saucier, G. *see* Safinia, C. 49319
Sauder, D.W., Geraniotis, E. Signal detection games with power constraints 74168
Saudin, A. *see* Duret, B. 70179
Sauer, B., Gottfried-Gottfried, R., Haase, T., Kuck, H. CMOS-compatible integration of thin ferromagnetic films 62504
Sauer, B. *see* Achatz, V. 94315
Sauer, Ch. *see* Kajcsos, Zs. 88051
Sauer, D.B. Determination of high-precision trajectories without fixing integer ambiguities 65972
Sauer, D.E., Stuve, E.M. Ultrahigh vacuum surface analysis of silicon (100) treated in aqueous hydrofluoric acid and buffered hydrofluoric acid solutions 49907
Sauer, D.J. *see* Lawler, W. 66465
Sauer, D.J. *see* Levine, P.A. 66466
Sauer, F., Jahns, J., Nijander, C.R., Feldblum, A.Y., Townsend, W.P. Refractive-diffractive micro-optics for permutation interconnects 56396
Sauer, F. *see* Butrym, A.M. 50700
Sauer, F. *see* Jahns, J. 63612
Sauer, J.M. *see* Riley, P.A. 86183
Sauer, J.R. *see* Blumenthal, D.J. 52290
Sauer, J.R. *see* Ramanan, A.V. 52132
Sauer, K. *see* Klifa, C. 59309
Sauer, K. *see* Klifa, C. 80012
Sauer, K. *see* Sizer, T., II 63478
Sauer, L. FNAL Main Injector quadrupole vacuum chamber 87653
Sauer, M. *see* Brown, C. 51399
Sauer, M. *see* Gotze, J. 84273
Sauer, M. *see* Leonardy, J. 94628
Sauer, N. *see* Droste, M. 79598
Sauer, N.J. *see* Khan, M.N. 52289
Sauer, N.J. *see* Zucker, J.E. 82730
Sauer, P.W. *see* Overbye, T.J. 77819
Sauer, P.W. *see* Pai, M.A. 99453
Sauer, R. *see* Baier, T. 94257
Sauer-Greff, W. *see* Bogenfeld, E. 75745
Sauerbrey, R. *see* Le Blanc, S.P. 83243
Sauerbrey, R. *see* Le Blanc, S.P. 83282
Sauerer, J. *see* Feng, S. 49185
Sauerland, T. *see* Weaver, J.B. 57843
Sauermann, K., Schmiddem, W., Schwarloze, A. Satellite surveying using the GPS. Efficient observation procedure for compaction by compression of polygon framework 90581
Sauerwein, T.A., Molino, J.A. Simulating the replacement of spacecraft modules by means of a telerobot 99051
Saul, J. *see* Kozlowski, T. 49342
Saul, J. *see* Lu, A. 92019
Saul, J.M. *see* Bilinski, K. 91729
Saul, P.H. Radio frequency to emitter coupled logic active detector 70321
Saul, R. *see* Laird, P. 95835
Sauli, E. *see* Bouclier, R. 98617
Sauli, F. *see* Alunni, L. 88010
Sauli, F. *see* Beckers, T. 67314
Sauli, F. *see* Bouclier, R. 59121
Sauli, F. *see* Bouclier, R. 67348
Sauli, F. *see* Bouclier, R. 87985
Sauli, F. *see* Bouclier, R. 88109
Sauli, F. *see* Sharma, A. 88110
Sauli, F. *see* Sharma, A. 98560
Saulnier, G. *see* Medley, M. 58298

Saulnier, G.J. *see* Cook, R.D. 77023
Saulnier, J. *see* Gibassier, C. 75396
Saulson, P.R. *see* Yinglei Huang 66688
Sault, R.J. An analysis of visibility-based continuum subtraction 97510
Saulter, Q. *see* Drury, M. 67082
Saunders, I.J. *see* Beaumont, S.P. 88037
Saunders, J. *see* Stefanyi, P. 53322
Saunders, J. *see* Stefanyi, P. 53335
Saunders, L.A. *see* Crawford, K.S. 60170
Saunders, M. A decade of RDS—the Radio Data System 97568
Saunders, R. *see* Loze, M.K. 72098
Saunders, R.A., King, J.P., Hardcastle, I. Wideband chirp measurement technique for high bit rate sources 76233
Saunders, R.W. *see* Llewellyn-Jones, D.T. 77514
Saunders, S. What is your LAN vendor doing about security? 52189
Saunders, S. Building a better token ring network 58123
Saunders, S. Netware servers: New rules, tougher choices 85821
Saunders, S.R. *see* Rodohan, D.P. 51009
Saunier, P. *see* Yarborough, R. 80836
Saupe, S. *see* George, T. 76144
Sausen, T.M. *see* Nielsen, C. 67891
Sauter, G.F. Gradient-index lens optical backplane 63510
Sautier, P. *see* Hoefer, W.J.R. 55097
Sauvage, D. *see* Bosisio, L. 59074
Sauvage, D. *see* Dierickxx, B. 67378
Sauvage, D. *see* Gingrich, D. 53291
Sauvain, E., Chen, J.H. Characterization of a-Ge:H with the steady-state photocarrier grating measurement 63548
Sauviac, B., Guillot, P., Baudrand, H. Rigorous analysis of shielded cylindrical dielectric resonators by dyadic Green's functions 70853
Savadogo, O., Mandal, K.C. Fabrication of low-cost n-Sb_2S_3/p-Ge heterojunction solar cells 60467
Savage, J.A. *see* John, P. 70091
Savage, J.G., Wedemeyer, D.J. *(editors)* Pacific Telecommunications Council Fifteenth Annual Conference. Proceedings 79114
Savage, J.G., Wedemeyer, D.J. *(editors)* Pacific Telecommunications Council Sixteenth Annual Conference Proceedings 90717
Savage, R.D. Copper foil manufacturing [PWB industry] 81055
Savage, R.M. Surface mount technology machine inspection for low volume high reliability applications 79468
Savakoor, D.S., Bowles, J.B., Bonnell, R.D. Combining sneak circuit analysis and failure modes and effects analysis 54597
Savalle, A., Loiseaux, J.-M., De Conto, J.-M., Belmont, J.-L. Acceptances and trajectory correction in the ELFE recirculating linear accelerator 87766
Savander, P. *see* Peiponen, K.-E. 91114
Savant, G. *see* Kim, D.H. 51578
Savard, G., Gauvin, J. The steepest descent direction for the nonlinear bilevel programming problem 91306
Savard, M. *see* Tremblay, M. 76092
Savard, P. *see* Shahidi, A.V. 88525
Savard, R.M. *see* Hensley, W.K. 98629
Savarese, C. *see* Bucci, O.M. 51202
Savaria, Y. *see* Abderrahman, A. 49337
Savaria, Y. *see* Audet, D. 80410
Savaria, Y. *see* Barwicz, A. 66095
Savaria, Y. *see* Barwicz, A. 97743
Savaria, Y. *see* Belanger, N. 51367
Savaria, Y. *see* Lavoie, P. 51351
Savaria, Y. *see* Thibeault, C. 61636
Savary, F. *see* Artoos, K. 94019
Savary, H. *see* Regi, F.X. 82401
Savastano, M., Lecce, L., Marulo, F., Sansone, C. Use of artificial neural networks for optimal sensing in complex structures analysis 99049
Savchenko, A.Yu. *see* Churikov, V.M. 63973
Savchenko, S.M. *see* Berdnikov, V.P. 55333
Savchenkov, E.N., Salikaev, Yu.R., Shandarov, S.M. Field structure in a photorefractive holographic grating in a planar waveguide 83351
Savchuk, A.I. *see* Nikitin, P.I. 63500
Savchuk, A.V., Sal'kova, E.N., Sergan, T.A., Soskin, M.S., Heilmann, A. A new recording medium based on thin stannum-doped composite films for laser pulse information recording 50450
Savchuk, A.V., Sal'kova, E.N., Sergan, T.A., Soskin, M.S., Heilmann, A. Thin polymer films with Sn as a new composite registration medium for laser pulse information recording 63350
Savchuk, V.A., Lipnitskii, V.I., Korzun, B.V., Makovetskii, G.I. Luminescence spectra of the $CuAlSe_2$ single crystals doped by the elements of the II group 63556
Savchuk, V.A. *see* Lipnitskii, V.I. 63555
Savchuk, V.P., Martz, H.F. Bayes reliability estimation using multiple sources of prior information: binomial sampling 61024
Save, P. Substation reliability—practical application and system approach 90313
Savelainen, M. *see* Ahlback, J. 82424
Savel'ev, I.G. *see* Bystrov, S.D. 48927
Savel'ev, I.G. *see* Drozdov, S.V. 49804
Savel'ev, I.G. *see* Podor, B. 62249
Savellano, M.D. *see* Gang He 70050
Savelli, G., Musso, J.F. SIMULY, a drivers' simulator for light rail motor tractors 78941
Savel'yev, S.V. *see* Belyayev, R.V. 92547
Savenye, W. *see* Hirumi, A. 75753
Saversky, A.J., Shchedrin, I.S. Measurement of microwave properties of X-band accelerating structure under pulsed high-power operation at liquid nitrogen temperature 67131
Savert, C.J. *see* Cornelissen, H.J. 83413
Savi, P. *see* Orta, R. 58467
Savic, M. *see* Brodetsky, I. 88889
Savic, M. *see* Huiqin Gao 67624
Savich, R. Automating fiber maintenance 65792
Savignac, D. *see* Miura-Mattausch, M. 91824
Savignon, D.J. *see* Briggs, S.J. 68211
Savin, A. *see* Arrington, K. 88112
Savin, A. *see* Arrington, K. 98564
Savin, A. *see* Brown, D. 59084
Savin, A.P. *see* Zlobinskii, E.L. 78675
Savin, H.V., Bucknell, M.S., Spaulding, M.D., Maciukenas, T.B., Kent Fuchs, W. Design for concurrent error detection and testability in storage/logic arrays 70382
Savin, S. *see* Young, K.G. 76765
Savina, V.I. *see* Antonenko, G.I. 59214
Savini, A. *see* Arpino, F. 90011
Savini, A. *see* Di Barba, P. 54047
Savini, M. *see* Cuniolo, S. 78295
Savino, M. *see* Andria, G. 74009
Savino, M. *see* Andria, G. 97867
Savino, M. *see* Attivissimo, F. 97837
Savino, S.P. *see* Gradin, L.P. 99857
Savinon, V. Status of capacitor industry in Russia 80912
Savinov, S.V. *see* Vasil'ev, S.I. 93770
Savinov, Yu.A. *see* Barlabanov, V.V. 57487
Savio, S. *see* Cesario, P. 60575
Savio, S. *see* Firpo, P. 60576
Savir, J., Patil, S. On broad-side delay test 49393
Savir, J., Patil, S. Broad-side delay test 80225
Savir, J., Patil, S. On broad-side delay test 80244
Savitskii, A.V. *see* Ilashchuk, M.I. 92942
Savitz, D.A., Ananth, C.V. Residential magnetic fields, wire codes, and pregnancy outcome 67635
Savitz, D.A., Ohya, T., Loomis, D.P., Senior, R.S., Bracken, T.D., Howard, R.L. Correlations among indices of electric and magnetic field exposure in electric utility workers 67634
Savitz, D.A. *see* Kaune, W.T. 77090
Savkina, N.S. *see* Andreev, A.N. 93514
Savkina, N.S. *see* Anikin, M.M. 71726
Savluk, E.A., Yakovlev, M.E. Design of electromagnetic devices with the aid of IBM PC graphical facilities 90000
Savoia, A. *see* Abrami, A. 98715
Savoji, M.H. *see* Pardo, J.M. 73775
Savolainen, M. *see* Peiponen, K.-E. 84932
Savolainen, P. *see* Asonen, H. 63774
Savolainen, P. *see* Nappi, J. 50810
Savolyuk, A.M. Calibration of capacitive level gauges 87604
Savord, T. *see* Burgett, W. 98480
Savord, T. *see* Lackey, S. 76531
Savord, T. *see* McInturff, A.D. 76652
Savord, T. *see* McInturff, A.D. 87671
Savord, T. *see* Robinson, W. 76644
Savorskij, V.P. *see* Tishchenko, J.G. 77512
Savov, E. *see* Thomson, J.E. 50714
Savoy-Navarro, A. *see* Alippi, C. 53346
Savoy-Navarro, A. *see* Dell'Acqua, A. 87955
Savoy-Navarro, A. *see* Dell'Acqua, A. 98680
Savranskii, V.V., Strokan', G.P. Transverse energy input and service life of lasers with transverse high-frequency discharge 63644
Savranskii, V.V. *see* Alimov, O.A. 87330
Savranskii, V.V. *see* Karabut, E.K. 63643
Savrie, M. *see* Fanti, V. 76788
Savstrom, B. *see* Hallberg, O. 61049
Savulescu, S.C. *see* Erwin, S.R. 77915
Savvaitov, D.S. *see* Dyakov, A.F. 77863
Savvides, N. *see* Sloggett, J. 56249
Savvin, Yu., Tolmachev, A., Krainov, I., Komashchenko, V., Marchenko, A. Study of photoelectric properties in the system inorganic semiconductor-Langmuir-Blodgett film 56523
Saw, J.C.B., Cameron, T.P., Suthers, M.S. Impact of SAW technology on the system performance of high capacity digital microwave radio 96966
Sawa, H., Kato, K., Asai, S. A cost-effective high efficiency LED array assembly using insulated metal substrates and low thermal impedance SM diode encapsulation 82841
Sawa, K. *see* Zhuan-Ke Chen 61985
Sawa, K. *see* Zhuan-Ke Chen 61994
Sawa, M. *see* Nakajima, H. 58528
Sawa, S., Masuchi, T. Coupling efficiency of two anisotropic single-mode slab waveguides butt-joined via a gap 94156
Sawa, S. *see* Asai, M. 99006
Sawa, S. *see* Hotta, M. 82625
Sawa, S. *see* Kominami, M. 83592
Sawa, Y. *see* Machida, K. 95984
Sawabe, A. *see* Sato, T. 72197
Sawabe, T. *see* Suzuki, J. 64872
Sawachi, M., Nishioka, Y. Hole accumulation in $SiO_2/Si_3N_4/SiO_2$ capacitors prior to dielectric breakdown 56094
Sawachi, S. *see* Nakayama, A. 91595
Sawada, A., Sakatsume, S., Goto, T., Nakamura, S., Matsui, T., Settai, R., Ohtani, Y., Watanabe, K., Hoshi, A. Hall sensor applicable to cryogenic temperatures for magnetic fields up to 25 T 98273
Sawada, A. *see* Suzuki, T. 92217
Sawada, H., Hirata, S., Nakajima, A. Inter-network roaming based on personal digital cellular standards 85943
Sawada, H. *see* Fujino, Y. 68642
Sawada, H. *see* Hotta, N. 97213
Sawada, J. *see* Ametani, A. 78164
Sawada, J. *see* Zaima, E. 53826
Sawada, J. *see* Zaima, E. 53827
Sawada, J.H. *see* Xu, W. 78686
Sawada, K. Trends of digital television transmission technology 52669
Sawada, K., Kun Ji, Ando, T. Characterization and fabrication of crater-shaped silicon field emitters 71033
Sawada, K., Mochizuki, C., Akata, S., Ando, T. Photocurrent multiplication in hydrogenated amorphous silicon p-i-n photodiode films 82813
Sawada, K., Nakazawa, T., Kawamura, N., Matsumoto, K., Hiruta, Y., Sudo, T. Simplified and practical estimation of package cracking during reflow soldering process 60964
Sawada, K. *see* Ikehara, M. 84197
Sawada, K. *see* Ikumi, N. 92283
Sawada, K. *see* Kitagawa, A. 53159
Sawada, K. *see* Murakami, T. 76296
Sawada, K. *see* Sawaka, M. 48822
Sawada, K. *see* Sekiguchi, M. 93266
Sawada, K. *see* Unekawa, Y. 49419
Sawada, K. *see* Unekawa, Y. 70548
Sawada, K. *see* Yamanaka, H. 86010
Sawada, M., Yamada, M., Ozawa, N., Yamagishi, K., Sakai, E., Enjho, H. High voltage power MOS FET series 62781
Sawada, M. *see* Tsuboi, N. 61267
Sawada, R. *see* Furuya, A. 55501
Sawada, R. *see* Furuya, A. 79993
Sawada, R. *see* Matsuura, K. 72255
Sawada, R. *see* Shimada, J. 72535
Sawada, R. *see* Shimada, J. 97981
Sawada, R. *see* Shimada, J.-I. 72880
Sawada, S. *see* Chang, P.S.-T. 62852
Sawada, S. *see* Hamamoto, T. 92639
Sawada, S. *see* Iwamoto, H. 92216
Sawada, T., Tarui, H., Terada, N., Tanaka, M., Takahama, T., Tsuda, S., Nakano, S. Theoretical analysis of textured thin-film solar cells and a guideline to achieving higher efficiency 100524
Sawada, T., Terada, N., Takahama, T., Tarui, H., Tanaka, M., Tsuda, S., Nakano, S. Numerical approach for high-efficiency a-Si solar cells 100588
Sawada, T. *see* Hori, M. 92661
Sawada, T. *see* Inoue, Y. 56403
Sawada, T. *see* Xie, Y.-G. 81892
Sawada, Y. *see* Akoh, H. 63313
Sawada, Y. *see* Honma, F. 61243
Sawada, Y. *see* Mizugaki, Y. 80533
Sawada, Y. *see* Takebuchi, H. 90220
Sawado, Y., Akiyama, T., Ueno, T., Kamisako, K., Kuroiwa, K., Tarui, Y. Contributions of silicon-hydride radicals to hydrogenated amorphous silicon film formation in windowless photochemical vapor deposition system 48968
Sawado, Y. *see* Ueno, T. 48972
Sawahashi, M., Adachi, F. Fast frequency hopping transmitter and receiver based on digital signal processing and its performance 65589
Sawahashi, M. *see* Adachi, F. 65650
Sawai, H. *see* Fujii, K. 87397
Sawai, H. *see* Koiwa, I. 87387
Sawai, H. *see* Terao, Y. 66617
Sawai, K., Iwakoshi, Y., Ohzuku, T. Carbon materials for lithium-ion (shuttlecock) cells 90360
Sawai, M. *see* Arakaki, T. 85929
Sawai, M. *see* Mito, H. 71518
Sawai, T. *see* Uda, H. 92562
Sawaka, M., Inuiguchi, M., Sawada, K. Fuzzy programming for large-scale multiobjective linear programming problems with block angular structure 48822
Sawaki, N., Sugimoto, R., Hori, T. Electron mobility in quasi-one-dimensional structures 62292
Sawamoto, M. *see* Kazama, S. 67862
Sawamoto, T. *see* Yamauchi, J. 56381
Sawamura, K. *see* Hirakata, K. 63100
Sawamura, M., Nagai, R., Takao, M., Minehara, E.J., Kikuzawa, N., Kato, R., Sugimoto, M., Ohkubo, M., Suzuki, Y. Rf power tests for JAERI FEL superconducting accelerator modules 50881
Sawamura, M. *see* Takao, M. 50882
Sawamura, T., Baba, S., Narita, M., Yamazaki, H. Etching behavior of fission fragment tracks in synthetic quartz and its application to neutron detection 67363

Sawan, M., Duval, F., Hassouna, M., Elhilali, M.M. A new transcutaneous fully-programmable neural stimulator 88559
Sawano, Y., Kim, B., Kameyama, M. High-level synthesis of VLSI processors for intelligent integrated systems 80387
Sawant, H.S., Cecatto, J.R. High-sensitivity spectral resolution mm-wavelength 18-23 GHz radiometer 86639
Sawasa, H., Nakano, H., Koshiji, K., Shu, E. Transmission characteristics of CPW bends for various curvatures 80547
Sawashima, N. *see* Trehan, R. 58194
Sawaya, K. *see* Ochi, H. 76902
Sawaya, K. *see* Ochi, H. 88371
Sawaya, K. *see* Ochi, H. 88372
Sawaya, K. *see* Taketomi, A. 98291
Sawaya, T. *see* Nakanishi, H. 62216
Sawazaki, H. *see* Arai, K. 82513
Sawchuk, A.A. *see* Cheng, L. 50633
Sawers, L.J.M. *see* Fisher, J.M. 61329
Sawhney, B.K., Tripathi, V.K., Singh, S.V. Scattering of an EM wave off a whistler wave in the ionosphere 73328
Sawhney, H.S. 3D geometry from planar parallax 84704
Sawhney, I.M.S. *see* Lal, V. 88403
Sawhney, S. *see* KrishnaKumar, K. 77117
Sawicki, M. *see* Lenard, A. 97967
Sawin, H.H. *see* Arnold, J.C. 55772
Sawin, H.H. *see* Blayo, N. 71320
Sawin, H.H. *see* Dalton, T.J. 71350
Sawitzky, U. *see* Wilhelmy, L. 94877
Sawtelle, S. *see* Fister, T. 58449
Sawyer, B. International round robin in infrared alpha measurements on slices of synthetic quartz 71849
Sawyer, C.T., Fuh-Gwo Yuan, Lee, G.K. Analysis and control of flexible space structures employing distributed actuators and sensors 88653
Sawyer, D. *see* Tenenbaum, P. 76679
Sawyer, J., Ruffin, P., Lofts, C. Investigation of a fiber specklegram sensor for structural fatigue monitoring [Fiber optic guided missile] 98061
Sawyer, J.G. *see* Lofts, C.M. 76031
Sawyer, P. *see* Bentley, R. 96186
Sawyer, P. *see* Bentley, R. 99128
Sawyer, R.F. *see* McEnally, C.S. 77568
Sawyer, W.D., Bell, R.O., Schonecker, A. The electrical activity of dislocations in edge-defined film-fed growth silicon 79762
Sawyer, W.D., Bell, R.O., Schonecker, A. Current loss in edge-defined film-fed growth silicon 100617
Sawyers, G.F. *see* Katz, H. 74857
Saxby, C.J., Forrest, J.D. Identification and control of a motor-generator set—the TecQuipment FH2/3 MK III 99963
Saxby, G. Holography principles and applications 94665
Saxen, H. *see* Bulsari, A.B. 84345
Saxena, A. *see* Sodha, M.S. 73051
Saxena, A.K. *see* Khare, N. 63297
Saxena, A.N. *see* Price, D.T. 54398
Saxena, D. *see* Chakrabarti, P. 50682
Saxena, M., Irani, R.K. A knowledge-based engineering environment for automated analysis of nozzles 89678
Saxena, M. *see* Banerjee, P. 87561
Saxena, N., Clark, J.J. A four-quadrant CMOS analog multiplier for analog neural networks 61852
Saxena, N.K. *see* Rongxing Li 88826
Saxena, R.B. *see* Singh, B. 78615
Saxena, S., Unruh, A. Diagnosis of semiconductor manufacturing equipment and processes 62354
Saxena, S., Wai, P.K.A., Chen, C.-J., Menyuk, C.R. Modeling of soliton-dragging logic gates with gain 82782
Saxena, S. *see* Mozumder, P.K. 79926
Saxena, S.C., Sahu, C. Differential inductive ratio transducer with short-circuiting ring for displacement measurement 97890
Saxena, V. *see* Chakrabarti, P. 94286
Saxena, V.K. *see* Sharma, K.B. 73487
Saxler, A. *see* Kung, P. 54876
Saxler, A. *see* Sun, C.J. 48948
Saxler, A. *see* Sun, C.J. 69976
Saxton, L., Schoene, G. Federal IVHS program initiatives resulting from ISTEA of 1991 78955
Sayago, I. *see* Horrillo, M.C. 66523
Sayah, D. *see* Mzerd, A. 61306
Sayah, D. *see* Mzerd, A. 91535
Sayama, H., Hara, S., Kimura, H., Ohno, Y., Satoh, S., Takai, M. Soft-error evaluation using proton microprobe for DRAMs 61736
Sayama, H., Kimura, H., Ohno, H., Sonoda, K., Kotani, N., Satoh, S., Takai, M. Charge collection and soft error in DRAMs investigated using 400 keV proton microprobe 49414
Sayama, H. *see* Ohno, Y. 49437
Sayama, K., Terakawa, A., Shima, M., Maruyama, E., Ninomiya, K., Tarui, H., Tsuda, S., Nakano, S. Control of a-SiGe:H film quality with regard to its composition 100595
Sayama, K. *see* De, S.C. 91580
Sayama, K. *see* Maruyama, E. 100528
Sayapin, V.N. *see* Nikolaev, E.I. 82705
Sayar, B. *see* Aboulnasr, T. 52218
Saydam, T., Mayorga, A. Specification and design of a gateway for ATM/frame relay interoperability 65528
Sayed, A.H., Constantinescu, T., Kailath, T. Time-variant displacement structure and interpolation problems 54739
Sayed, A.H., Constantinescu, T., Kailath, T. Lattice structures for time-variant interpolation problems 64171
Sayed, A.H., Kailath, T. A state-space approach to adaptive RLS filtering 73971
Sayed, A.H., Kailath, T. A state-space approach to adaptive filtering 84319
Sayed, A.H., Lev-Ari, H., Kailath, T. Time-variant displacement structure and triangular arrays 64426
Sayed, A.H. *see* Hassibi, B. 84331
Sayed, A.H. *see* Hassibi, B. 84332
Sayed, A.H. *see* Khalaj, B.H. 84536
Sayed, M. *see* Georges, J.B. 50864
Sayer, M., Vasant Kumar, C.V.R., Letelier, F.V., Hazell, J., Watt, M., Donders, P. Dielectric properties and electrical noise in ferroelectric devices 93810
Sayer, M. *see* Wu, Z. 56110
Sayer, M. *see* Yi, G. 54979
Sayer, M.A. *see* El-Gasseir, M.M. 100003
Sayhood, K.H., Fyath, R.S., Suheal, G.A. Towards multichannel optical homodyne PSK system 86372
Sayhood, K.H. *see* Fyath, R.S. 75414
Saylor, A.V. Real-time bistatic CW clutter angular glint simulation 52624
Saylor, C.H.M. *see* Apostolov, A.P. 68341
Saylor, W.W. *see* Moss, C.E. 88318
Saylor, W.W. *see* Moss, C.E. 98615
Sayood, K. *see* Al-Araj, A.G. 51332
Sayood, K. *see* Hadenfeldt, A.C. 88847
Sayood, K. *see* Memon, N.D. 51717
Sayood, K. *see* Memon, N.D. 77696
Sayood, K. *see* Shaolin Bi 64680
Sayood, K. *see* Wang, X. 57893
Sayre, A.N., Dugue, J., Weber, R., Domnick, J., Lindenthal, A. Characterisation of semi-industrial-scale fuel-oil sprays issued from a Y-jet atomiser 76266
Says, L.-P. *see* Ariztizabal, F. 98518
Sazansky, V.Ya. *see* Aksenov, G.A. 52770
Sazhin, S., Makhlouf, M., Leys, C., Toebaert, D., Vasquez-Malebran, S., Wild, P. Electron diffusion in the fast-axial-flow CO_2 laser 63663
Sazhin, S., Makhlouf, M., Toebaert, D., Leys, C. An approximation for the electron energy distribution function in CO_2 laser discharges 72678
Sazhin, S., Wild, P., Sazhina, E., Makhlouf, M., Leys, C., Toebaert, D. A new approach to computational gas laser dynamics 63628
Sazhin, S. *see* Spiridonov, M. 56620
Sazhin, V. *see* Meshcherov, R. 76379
Sazhina, E. *see* Sazhin, S. 63628
Sazonov, M.D. Radiation field interpolation methods for accelerated calculations of the characteristics of reflector antenna systems 57213
Sazonov, V.V. Adaptive approaches for SAR processing 75560
Sazonova, E.V. *see* Ganeev, R.A. 53356
sbeikh Makhamid Madzhet *see* Madzhet sbeikh Makhamid
Sberveglieri, G., Perego, C., Parmigiani, F., Dinelli, G., Quattroni, G. $Si_{1-x}Fe_xO_y$: a new material with high carbon monoxide sensitivity 98150
Sberveglieri, G., Rinchetti, G., Groppelli, S., Faglia, G. Capacitive humidity sensor with controlled performances, based on porous Al_2O_3 thin film grown on SiO_2-Si substrate 66254
Sberveglieri, G. *see* Bonzi, P. 87331
Sberveglieri, G. *see* Di Natale, C. 98159
Sberveglieri, G. *see* Faglia, G. 66545
Sblendorio, G. *see* La Scala, M. 77855
Sbrana, G. *see* Sottini, S. 56903
Sbresny, H. *see* Ramsay, A.C.A. 79739
Sbrizzai, R. *see* La Scala, M. 77855
Scaccia, S. *see* Giorgi, L. 60433
Scacco, A., Furetta, C., Bacci, C., Ramogida, G., Sanipoli, C. Defects in γ-irradiated $KMgF_3:Tl^+$ crystals 72581
Scacco, A. *see* Furetta, C. 72580
Scafur, F. *see* Dohler, G. 92888
Scaggs, T. *see* Hong, L. 51537
Scaglione, A. *see* Betta, G. 98035
Scaglione, S., Flori, D., Caneve, L. Influence of thin film thermal stress on a variable thickness layer in graded reflectivity mirror production 72983
Scaglione, S. *see* Flori, D. 72974
Scaglione, S. *see* Giuri, C. 72962
Scaife, J.M., Tozer, R.C., Freeston, I.L. Conductivity and permittivity images from an induced current electrical impedance tomography system 87432
Scala, M. *see* Lazzeri, L. 78480
Scala, M.La *see* La Scala, M.
Scala, N.La, Jr. *see* La Scala, N., Jr.
Scala, R.G., Meisner, K. Fermilab Main Ring low level RF system modifications for focus free transition beam tests 76618
Scalart, P., Le Roux, Y.M. Evaluation of a high speed digital communication system over ionospheric channels 86041
Scalart, P. *see* Leclerc, M. 97582
Scales, N.R., Hicks, P.J., Armitage, A.D., Payne, P.A., Chen, Q.X., Hatfield, J.V. A programmable multi-channel CMOS pulser chip to drive ultrasonic array transducers 80185
Scales, N.R. *see* Hatfield, J.V. 59616
Scales, N.R. *see* Hatfield, J.V. 88879
Scali, J.L. *see* Lee, M.C. 83677
Scally, K. *see* Dove, R. 98752
Scally, L.J. Adaptive fixed range radar receiver 75646
Scalora, M. Dispersion and soliton propagation in stimulated Raman scattering 56892
Scalora, M. *see* Pethel, S.D. 50477
Scalvi, L.V.A., Oliveira, L., Minami, E., Degani, M.H., Siu Li, M. Photoinduced conductivity in n-type $Al_xGa_{1-x}As$ at low temperature 50664
Scalzi, J.B. *see* Chong, K.P. 79758
Scaminaci, J. Jr. Avoiding signal integrity problems in backplanes 96745
Scampoli, P. *see* Borer, K. 53347
Scan, P.Le *see* Le Scan, P.
Scandale, W. Long-term stability studies for CERN-LHC 66845
Scandale, W. *see* Fischer, W. 66914
Scandellari, A. *see* Malesani, L. 100863
Scandurra, A. *see* Torrisi, A. 92988
Scanlan, J.M. *see* Loushine, M.J. 74518
Scanlan, M. Introducing competition into the telecommunications network 85391
Scanlan, R. *see* Wang, S.-T. 82477
Scanlan, R.M., Lietzke, A., Royet, J., Wandesforde, A., Taylor, C.E., Wong, J., Rudziak, M.K. Evaluation of APC NbTi superconductor in a model dipole magnet 82411
Scanlan, R.M. *see* Wang, S.T. 82325
Scanlon, J. *see* Ikumi, N. 92283
Scannell, D.J. Solar-powered obstruction lighting systems for transmission towers 68275
Scannicchio, D. *see* Benetti, P. 67327
Scannicchio, D. *see* Benetti, P. 67328
Scannicchio, D. *see* Cennini, P. 67285
Scannicchio, D. *see* Cennini, P. 76755
Scantini, P.J. *see* Pickrell, D.J. 79345
Scantlebury, J.D. *see* Faidi, S.E. 87592
Scapolla, T. A third-order mixed finite-element method for the numerical solution of the biharmonic problem 69900
Scaramuzzi, F. *see* De Bernardis, P. 66010
Scarano, G. *see* Jacovitti, G. 74075
Scarano, M. *see* Di Stefano, R. 90005
Scarano, M. *see* Gentile, G. 100910
Scarano, M. *see* Meo, S. 68639
Scarbata, G. *see* Arlt, S. 80518
Scarbata, G. *see* Kampe, J. 80512
Scarbata, G. *see* Kelber, J. 82083
Scarborough, E. *see* D'Angelo, W. 59451
Scarborough, E. *see* Ericson, M. 59492
Scarbrough, R.H. *see* Paige, E.G.S. 73128
Scarchilli, G. *see* Gorgucci, E. 99209
Scardina, J. *see* Smaili, A. 54363
Scargle, J.D. Detection and modeling of chaotic dynamics using wavelet techniques 54808
Scarlat, F. Free proton laser 63632
Scarlatella, A. *see* Bencivelli, W. 88436
Scarlatella, A. *see* Conti, M. 59206
Scarlatella, A. *see* Conti, M. 59364
Scarlett, B. *see* Zevenhoven, C.A.P. 51022
Scarlin, R.B. *see* Berger, C. 68442
Scarlin, R.B. *see* Engelke, W. 68443
Scarmozzino, R. *see* Eldada, L. 94182
Scarmozzino, R. *see* Ilic, I. 72415
Scarmozzino, R. *see* Levy, M. 72495
Scarpa, A. *see* Morandi Cecchi, M. 79750
Scarpa, P. *see* Dubois, J. 90241
Scarpa, T.J. Magmeter spotlights new technology 58715
Scarpino, F. *see* Jundi, K. 57520
Scarpino, F.A. *see* Brown, L.L. 55335
Scarpulla, J. *see* Song, M. 93413
Scarr, J., Bosveld, G., Doelman, A., je Bie, J. TRIBUNE: On the leading edge of broadband testing 96805
Scarrott, K. *see* Thrush, E.J. 54901
Scarsi, L. *see* Ambrosio, M. 53341
Scarso, E. *see* Bolisani, E. 96293
Scarth, G.B., Martens, G.O. Synthesis of complex lossless two-ports 49114
Scattergood, D.C. *see* Hughes, J.R. 98226
Scattone, F. *see* Gillick, L. 84071
Scattone, F. *see* Roth, R. 84111
Scavennec, A. *see* Berthier, P. 56018
Scavennec, A. *see* Legros, E. 52515
Scavuzzo, R.J. *see* Argade, P.V. 70586
Sceats, M.G., Krug, P.A. Photoviscous annealing—dynamics and stability of photorefractivity in optical fibres 63392
Sceats, M.G. *see* Atkins, G.R. 63399
Sceats, M.G. *see* Canning, J. 72325
Sceats, M.G. *see* Canning, J. 72346
Sceats, M.G. *see* Inglis, H.G. 56362
Sceats, M.G. *see* Pigram, P.J. 82563
Scelsi, G. *see* Villeneuve, A. 72357
Scerri, E., Iskander, C. Hands-on experience of the setting-up of a stand-alone photovoltaic demonstration project in Malta 53970
Schaaf, T.W.van der *see* van der Schaaf, T.W.
Schaafsma, D.T., Hickernell, R.K., Christensen, D.H. Measurement and simulation of photoluminescence spectra from vertical-cavity quantum-well laser structures 94458

Schaal, C. *see* Steiner, F.P. 79168
Schaal, M., Wohlfarth, A., Podshivalov, V., Schwartz, M. Israeli oil shale utilization experience 89650
Schaal, R.E. *see* Blitzkow, D. 86629
Schaal, W. *see* Woody, D. 58525
Schaar, A. *see* Zimmermann, P.Z. 60585
Schaarschmidt, G. *see* Floter, A. 79859
Schabe, H. Nonparametric estimation of mean time to failure with unknown stochastic censoring 54574
Schabe, H. Constructing lifetime distributions with bathtub shaped failure rate from DFR distributions 61086
Schaber, K., Schenkel, A., Zahoransky, R.A. Three-wavelength extinction technique for characterizing aerosols under industrial conditions 76249
Schaber, U. *see* Klumpp, A. 54961
Schaber, U. *see* Lang, W. 66340
Schabowska-Osiowska, E. *see* Porada, Z. 63589
Schacham, S.E. *see* Fenigstein, A. 87182
Schacham, S.E. *see* Maimon, S. 62239
Schacher, J. *see* Borer, K. 76790
Schacht, H.-T. *see* Mertesdorf, C. 81634
Schacht, H.-T. *see* Munzel, N. 81617
Schacht, P. Calibration of the H1 liquid argon calorimeter 67324
Schachter, L. New directions in RF sources 76357
Schachter, L., Badescu-Singureanu, A.I. Energy conversion for nuclear space power systems: activated beta electric cell 67737
Schachter, L., Davis, T.J., Nation, J.A. TM-FEL with a longitudinal wiggler and an annular beam 76638
Schachter, L., Nation, J.A. Beam-wave interaction in a quasi-periodic structure 76378
Schachter, L. *see* Ivers, J.D. 68678
Schachter, L. *see* Kuang, E. 76846
Schack, R. The length of a typical Huffman codeword 95117
Schad, N. *see* Ford, K.M. 76955
Schade, H. *see* Bubenzer, A. 100586
Schade, H. *see* Rubel, H. 91603
Schade, L., Fritzsche, L., Lange, R. Modelling, planning and optimisation of telecommunication networks with the NETWORKS program system 74757
Schadt, D., Dhosi, G., Gillies, J. Transmission of directly modulated 2.5 Gbit/s system over 200 km using dispersion compensation by mid-distance phase conjugation 97356
Schadt, M. *see* Funfschilling, J. 94210
Schadt, M. *see* Seiberle, H. 58919
Schadt, R. *see* Kellndorfer, J. 67888
Schadt, R. *see* Tishchenko, J.G. 77512
Schaeberle, M.D., Turner, J.F., Treado, P.J. Multiplexed acousto-optic tunable filter (AOTF) spectral imaging microscopy 76252
Schaedeli, U., Munzel, N., Holzwarth, H., Slater, S.G., Nalamasu, O. Relationship between physical properties and lithographic behavior in a high resolution positive tone deep-UV resist 81621
Schaedler, R.M. *see* Painter, T.A. 82446
Schaefer, D.A., Eden, R.C., Moravec, T.J. The role of diamond substrates in 3-D MCMs 90997
Schaefer, G. *see* Lin, K.F. 66705
Schaefer, H. *see* Geiger, B. 77997
Schaefer, J. *see* Hoag, H.A. 67100
Schaefer, J.E. *see* Mullens, J.R. 89606
Schaefer, L.T. *see* Kwon, H.M. 86047
Schaefer, R. *see* Flory, M. 85511
Schaefer, R.H. *see* Casasent, D.P. 51567
Schaefer, R.H. *see* Casasent, D.P. 74250
Schaeffer, C., Marechal, Y., Clavel, E., Farjah, E. CAD for hybrid power modules 69138
Schaeffer, C. *see* Rouve, L.L. 62788
Schaeffer, C.J., Stoldt, H., Dillen, B.G.M., Peek, H.L., Hoekstra, W. High-speed, high-performance 1M pixel imager for machine vision applications 66467
Schaeffer, D.J. *see* Sadwick, L.P. 92874
Schaeffer, H.H.A. *see* de Lange, G. 50411
Schaeffer, H.H.A. *see* de Lange, G. 55400
Schaeffer, M. *see* Huhtinen, M. 59073
Schaeffer, M. *see* Turchetta, R. 88247
Schaeffer, M. *see* Turchetta, R. 98692
Schafer, A. *see* Behmann, U. 100889
Schafer, E. *see* Graves, B.R. 94336
Schafer, H. *see* Bloss, P. 56155
Schafer, H.C. *see* Gerthsen, D. 81354
Schafer, I. *see* Knaupp, W. 99117
Schafer, K. *see* Hentschel, E. 53992
Schafer, K.-H. *see* Maule, R. 53947
Schafer, M. *see* Jones, S.K. 62967
Schafer, P. *see* Kreutz, R. 76649
Schafer, R. The HDTV-T-project: towards digital HDTV within the scope of European development 52698
Schafer, R., Argyle, B.E., Takayama, S., Dingley, D. Grain influences on domains and read-back pulse distortions of ferrite MIG heads 50260
Schafer, R., de Lameillieure, J. MPEG coding of TV and HDTV for an integrated satellite, cable and terrestrial broadcast system 95811
Schafer, R. *see* Argyle, B.E. 72118
Schafer, R. *see* De Lameillieure, J. 52687
Schafer, R.W. *see* Khosravi, M. 64632
Schafer, R.W. *see* Khosravi, M. 84349
Schafer, S.A., Durville, F.M., Jassemnejad, B., Bartels, K.E., Powell, R.C. Mechanisms of biliary stone fragmentation using the Ho:YAG laser 59401
Schafer, U., Neukum, J., Bodenschatz, N., Heber, J. Up-conversion in Pr^{3+}:$CsCdBr_3$ 73030
Schaff, W. *see* Litvin, K. 65860
Schaff, W.J., Hur, K.Y., Eastman, L.F., Compton, R.C., Mandeville, P. Strained layer device epitaxy on patterned substrates [MODFETs] 62904
Schaff, W.J. *see* Asif Khan, M. 71739
Schaff, W.J. *see* Burm, J. 75981
Schaff, W.J. *see* Chen, Y.-P. 54886
Schaff, W.J. *see* LeTran, T.T. 62301
Schaff, W.J. *see* Sha, W. 62300
Schaffa, F., Willebeek-LeMair, M., Patel, B. A high speed access protocol for LANs and WANs 85351
Schaffa, F. *see* Bisdikian, C. 74918
Schaffa, F. *see* Cohen, R. 65284
Schaffer, A. *see* Gingrich, D. 53291
Schaffer, A.A. *see* Aurenhammer, F. 79566
Schaffer, C. Optical transmission systems for phased array antennas 57274
Schaffer, E. *see* Knobloch, J. 100470
Schaffer, G. Distribution system control and automation 59933
Schaffer, G., Coleman, P.D., Mustaine, R.E., Wallace, J.D., Wang, X.Q., Zhao, Y., Rogers, J.D. RF systems engineering for the SSC collider rings 67132
Schaffer, G. *see* Rogers, J.D. 67180
Schaffer, J.D., Eshelman, L.J. Designing multiplierless digital filters using genetic algorithms 55343
Schaffer, P.L. *see* Kooi, J.W. 61612
Schaffler, F. *see* Atzmon, Z. 48946
Schaffler, F. *see* Holzmann, M. 93497
Schaffler, F. *see* Presting, H. 61898
Schaffler, F. *see* Tobben, D. 93001
Schaffler, R., Schock, H.W. High mobility ZnO:Al thin films grown by reactive DC magnetron sputtering 91604
Schaffler, R. *see* Dittrich, H. 100665
Schaffler, R. *see* Kessler, J. 100654
Schaffner, F., Jungnickel, B.J. The electric moment contribution to the piezoelectricity of PVDF 82157
Schaffner, J.H., Hayes, R.R. Velocity-matching in millimeter wave integrated optic modulators with periodic electrodes 50584
Schaffner, J.H. *see* Tangonan, G.L. 86364
Schaffner, R. T/R module for an X-band SAR with active phased array antenna 58483
Schaik, W.van *see* van Schaik, W.
Schailey, R., Bull, J., Clayton, T., Kocur, P., Mokhov, N.V. 2 TeV HEB beam abort at the SSCL 67196
Schailey, R. *see* Fuhua Wang 66952
Schailey, R. *see* Li, M. 66789
Schailey, R. *see* Soundranayagam, R. 67193
Schajer, G. *see* Shen, J. 58955
Schalij, F. *see* Van Berkel, K. 55048
Schalij, F. *see* van Berkel, K. 97735
Schalkhammer, T., Lobmaier, Ch., Ecker, B., Wakolbinger, W., Kynclova, E., Hawa, G., Pittner, F. Microfabricated glucose, lactate, glutamate and glutamine thin-film biosensors 66511
Schalkhammer, Th. *see* Loibner, A.P. 66514
Schalkoff, R.J. *see* Mousavi, M.S. 74481
Schalkwijk, R.van *see* van Schalkwijk, R.
Schalkwyk, J.J.D.van *see* van Schalkwyk, J.J.D.
Schallenberg, U.B., Uhlig, H., Kaiser, N. Graded reflectance mirror design with unconventional profile for excimer laser 72975
Schallner, M., Landstorfer, F.M. Use of active antennas for direction-finding of broadband electromagnetic sources 58509
Schambach, J., Warzemann, L., Weber, P., Meyer, H.-G., Bluthner, K., Daalmans, G.M., Bommel, F., Uhl, D. Performance of DC SQUIDs with parasitic elements 56257
Schamiloglu, E. *see* Kim, J. 52984
Schamiloglu, E. *see* Mayberry, C.S. 81135
Schammler, G.K.H. *see* Kersten, P. 48695
Schamp, A.L. *see* Hetrick, R.E. 98143
Schanda, E. *see* Wegmuller, U. 88855
Schandl, J. *see* Werle, P. 98343
Schanen, J.-L., Guerin, C., Roudet, J., Meunier, G. Modeling of Printed Circuit Board loop inductance 80969
Schanen, J.-L. *see* Farjah, E. 81914
Schanen Duport, I., Benech, P., Rimet, R. New integrated-optics interferometer in planar technology 82688
Schaner, G. *see* Sharma, T.C. 59483
Schankula, M.H., Slade, J.P., Chenier, R.J., Durand, M.A. Remote metallurgical investigations on pressure tubes removed from CANDU power reactors 66131
Schanne-Klein, M.C. *see* Ricard, D. 56925
Schanstra, I. *see* van de Goor, A.J. 49416
Schanstra, I. *see* Van de Goor, A.J. 49444
Schanz, M. *see* Wittmann, R. 91747
Schanzer, G. *see* Tiemeyer, B. 65971
Schaoutnikov, B.O. *see* Gingrich, D. 53291
Schaper, C., Moslehi, M., Saraswat, K., Kailath, T. Control of MMST RTP: repeatability, uniformity, and integration for flexible manufacturing [ICs] 62919
Schaper, C. *see* Moslehi, M. 93626
Schaper, C. *see* Moslehi, M.M. 71800
Schaper, C. *see* Moslehi, M.M. 90920
Schaper, C. *see* Saraswat, K.C. 62352
Schaper, C.D. Real-time control of rapid thermal processing semiconductor manufacturing equipment 60917
Schapers, T. *see* Appenzeller, J. 55640
Schappals, L. *see* Heller, R. 82483
Schar, W. *see* Lau, J. 92814
Schardein, W. *see* Wittmann, R. 91747
Scharenberg, R. *see* Hauger, A. 55872
Scharer, J.E. *see* Bettenhausen, M.H. 51273
Scharer, J.E. *see* McVey, B.D. 70825
Scharf, B.W. *see* Harame, D.L. 93579
Scharf, D. Fiber in the loop—hybrid telecommunications networks as a preliminary to fiber to the home 58393
Scharf, E. *see* Miah, B. 65157
Scharf, E. *see* Ramalho, M.F. 65160
Scharf, E. *see* Swift, J. 65161
Scharf, E.M. *see* Bocci, M. 64910
Scharf, L.L., Friedlander, B. Matched subspace detectors 74200
Scharf, L.L. *see* Behrens, R.T. 64489
Scharf, L.L. *see* Clark, M.P. 64491
Scharf, L.L. *see* McWhorter, L.T. 95543
Scharf, L.L. *see* Vis, M.L. 95405
Scharf, L.L. *see* Voran, S.D. 64285
Scharf, S., Schmidt, M., Wulf, F., Braunig, D. Comparison of the generation of interface states in MOS structures due to ^{60}Co and VUV irradiation accompanied with photoinjection of electrons 71222
Scharfetter, D. *see* Jacobs, H. 93396
Scharfetter, D.L. *see* Tazawa, S. 62490
Schark, E. *see* Carlberg, C. 88261
Scharlemann, E.T. *see* Allen, S.L. 63878
Scharlemann, E.T. *see* Fawley, W.M. 63873
Scharlemann, E.T. *see* Kim, K.-J. 63874
Scharlemann, E.T. *see* Winick, H. 63870
Scharlemann, E.T. *see* Winick, H. 83178
Scharr, T.A., Sharma, R.K., Lee, R.T., Lytle, W.H. Wire bumping technology for gold and solder wire bumping on IC devices 92841
Scharstein, R.W. *see* Davis, A.M.J. 73410
Scharwey, M. *see* Homo, R. 60998
Schasfoort, R.B.M., Niedziela, T. Detection of inhibitory compounds of acetylcholine esterase with a novel ion responding impedance sensor (IRIS) 58865
Schassberger, R. *see* Borovkov, A.A. 91195
Schat, J. Error-correcting acoustic measurement of concentration and grain size of suspended sand in water 66722
Schatteman, L. *see* Vanwelsenaers, A. 65711
Schattler, H. *see* Venkatasubramanian, V. 77817
Schattler, H. *see* Venkatasubramanian, V. 89045
Schatz, A. *see* v. Berg, E. 89523
Schatz, B.R., Hardin, J.B. NCSA Mosaic and the World Wide Web: global hypermedia protocols for the Internet 85657
Schatz, M. *see* Himpe, U. 66771
Schatz, R., Berglind, E., Gillner, L. Parameter extraction from DFB lasers by means of a simple expression for the spontaneous emission spectrum 94508
Schatz, R., Bethea, C.G. Steady state model for facet heating leading to thermal runaway in semiconductor lasers 83071
Schatz, W. *see* Nebosis, R.S. 66354
Schatzle, P., Zollner, T., Schindler, R., Eyer, A. Homogeneity analysis of multicrystalline silicon ingots with columnar grain structure 92927
Schau, M. *see* Chung, C.-J.F. 77227
Schaub, A. *see* Pfister, B. 65202
Schaub, T. Spread frequency shift keying 51314
Schaubach, K.R., Davis, N.J., IV. Microcellular radio-channel propagation prediction 97069
Schaubert, D.H., Aas, J.A., Cooley, M.E., Buris, N.E. Moment method analysis of infinite stripline-fed tapered slot antenna arrays with a ground plane 73559
Schauder, C.D. *see* Hughes, K.B. 68737
Schauer, F., Eliat, A., Nesladek, M., Adriaenssens, G.J. Transient space-charge-limited currents: the time-of-flight and post-transit analysis in hydrogenated amorphous silicon 55576
Schauer, S. *see* Buchwald, W.R. 50695
Schauer, S.N. *see* Flemish, J.R. 71078
Schauer, S.N. *see* Merkel, K.G. 62699
Schauer, S.N. *see* Merkel, K.G. 93051
Schaumburg, K. *see* Sommer-Larsen, P. 55496
Schautt, M. *see* Biss, D. 60101
Schauwers, A. Superconductors offer a future to lithium batteries 60406
Schave, R.D. *see* Gerhardinger, P.F. 87379
Schay, G.A. *see* Pedersen, J.F. 83883
Schearer, L.D. *see* Essabaa, S. 53284
Schebor, F.S. *see* Lysogorski, C.D. 56977
Scheckler, E.W., Ogawa, T., Shukuri, S., Takeda, E. Material representations and algorithms for nanometer lithography simulation 49926
Scheckler, E.W., Ogawa, T., Yamanashi, H., Soga, T., Ito, M. Resist roughness limits in EUV lithography for 1 G to 16 G DRAMs 71453

Scheckler, E.W., Ogawa, T., Yoshimura, T., Shukuri, S., Takeda, E. Molecular-scale models for simulation of nanometer lithography with application to a negative chemical amplification resist 71541
Scheckler, E.W. *see* Toh, K.K.H. 49876
Scheele, P. Digital Short Range Radio (DSRR) 75232
Scheeper, P.R., Olthuis, W., Bergveld, P. Improvement of the performance of microphones with a silicon nitride diaphragm and backplate 52738
Scheeper, P.R., Olthuis, W., Bergveld, P. The design, fabrication, and testing of corrugated silicon nitride diaphragms 61389
Scheeper, P.R., Van der Donk, A.G.H., Olthuis, W., Bergveld, P. A review of silicon microphones 87071
Scheeper, P.R. *see* van der Donk, A.G.H. 52805
Scheepers, M. Variations on a game of Gale. II. Markov strategies 69691
Scheer, J. *see* Lindner, H. 59988
Scheer, M. *see* Jaeschke, E. 67275
Scheer, P. *see* Nilsson, J. 50775
Scheer, R.R. *see* Wong, P.S. 78759
Scheers, C.J. *see* Verbauwhede, I.M. 91787
Scheeweiss, W.G. Calculating MTBF for modularized fault-trees 54598
Scheffer, D. *see* Vorenkamp, P. 92323
Scheffer, F., Lindner, A., Heedt, C., Reuter, R., Liu, Q., Prost, W., Tegude, F.J. $In_{0.5}Ga_{0.5}P$ spacer layer for high drain breakdown voltage InGaAs/InAlAs HFET on InP grown by MOVPE 56042
Scheffer, F. *see* Lakner, H. 81314
Scheffer, F. *see* Lindner, A. 54924
Scheffer, F. *see* Lindner, A. 91513
Scheffer, K.-D. *see* Keck, R. 59846
Scheffer, L.K. Machine intelligence, the cost of interstellar travel and Fermi's paradox 97513
Scheffer, N. Influence of probe positioning errors in planar near-field measurements on the accuracy of determination of aperture coverage 57304
Scheffler, H. *see* Srocka, B. 55566
Scheffler, H. *see* Wolf, T. 48943
Scheffler, T.B. *see* van Niekerk, W.M.K. 54159
Schefold, J., Vetter, M. Solar energy conversion at the p-InP/vanadium$^{3+/2+}$ semiconductor/electrolyte contact. A study based on differential capacitance and current-voltage data 78830
Schefstrom, D. Multimedia communications-deriving network requirements from applications 51944
Scheglov, A.G. The influence of scientific and technological advancements on the efficiency of electricity and heat production 78348
Schegner, P. *see* Girbert, K.-H. 78901
Schegner, P. *see* Rothe, K. 68316
Schegolev, L. *see* Erg, G. 67200
Schehrer, K.L. *see* Dobson, R.A. 51573
Scheibe, K. *see* Altmaier, H. 99777
Scheibel, K. Best connections. The actuator-sensor interface ensures uniform communications 75044
Scheibener, P., Pfeiffer, A., Smirra, K. Design of fast acting actuators for cryogenic valve applications in the ARIANE5-program 77157
Scheich, R., Roudet, J., Handel, V. EMI conducted emission in differential mode emanating from a SCR: phenomena and noise level prediction 60354
Scheich, R. *see* Mahdavi, J. 68769
Scheid, D. *see* Rao, V. 92851
Scheid, E., Boyer, P.T., Samitier, J., El Hassani, A. Oxidation properties of nitrogen-doped silicon films deposited from Si_2H_6 and NH_3 49900
Scheid, P. *see* Muckenhoff, K. 77031
Scheidegger, A., Nunes, M.S. Interworking between B-ISDN and N-ISDN signalling 65531
Scheiderman, G. *see* Sibley, C. 60308
Scheidl, W. Dynamic behaviour of rotors, with special considerations of the critical speed 89893
Scheidler, R., Buchmann, J.A., Williams, H.C. A key-exchange protocol using real quadratic fields 83970
Scheidt, L., Shuqiang Zong An approach to achieve reusability of electronic modules 79281
Scheiman, D. *see* Jenkins, P. 78821
Scheiman, D. *see* Wilt, D.M. 54153
Scheinbeim, J.I., Newman, B.A., Mei, B.Z., Lee, J.W. New ferroelectric and piezoelectric polymers 56111
Scheinberg, N., Michels, R., Fedoroff, V., Stoffman, D., Li, K., Kent, S., Waight, M., Marz, D. A GaAs up converter integrated circuit for a double conversion cable TV "set-top" tuner 61835
Scheinberg, N. *see* Bayruns, R. 93539
Scheiner, A., Polando, G., Marsolais, E.B. Design and clinical application of a double helix electrode for functional electrical stimulation 67627
Scheinerman, E.R., Zito, J. On the size of hereditary classes of graphs 54676
Scheinfein, M.R. *see* Yuanda Cheng 63180
Scheirer, D. *see* Miller, S.P. 99141
Scheirer, S.T., Nolan, J.P. NO_x reduction program for CPP Brush cogen facility W251AA gas turbines 89692
Scheitrum, G.P. *see* Begum, S.R. 62100
Scheitrum, G.P. *see* Hargreaves, T.A. 92887
Schelasin, R. *see* Mauer, J. 90922
Schelasin, R.E.A. *see* Mauer, J.L. 71548
Scheler, J., Wolf, H. Prospects for the electric car—concept for the largest possible use in the future 60566
Schell, M. *see* Hechenberger, V. 68239
Schell, M.C. *see* Fang-Fang Yin 98933
Schell, P., Bimberg, D., Bogatyrjov, V.A., Dianov, E.M., Kurkov, A.S., Semenov, V.A., Sysoliatin, A.A. 540 fs light pulses at 1.5 μm with variable repetition rate using a tuneable twin guide laser and soliton compression in a dispersion decreasing fiber 94510
Schell, R. *see* Dickmanns, E.D. 77139
Schell, S.V., Gardner, W.A. Maximum likelihood and common factor analysis-based blind adaptive spatial filtering for cyclostationary signals 84445
Schell, S.V. *see* Fong, G. 51434
Schell, W.M. *see* Blahut, D.E. 86775
Schell-Sorokin, A.J., Tromp, R.M. Measurement of surface stress during epitaxial growth of Ge on arsenic terminated Si(001) 91542
Schellekens, P.H.J. *see* Wetzels, S.F.C.L. 76708
Schelleng, D.H. *see* Little, T.D.C. 66026
Scheller, A. *see* Hofrichter, K. 96570
Scheller, G. *see* Aigner, R. 58875
Scheller, G.J.E. *see* Auerbach, F.J. 58721
Scheller, H. *see* Feldmann, K. 92684
Scheller, H. *see* Korner, W. 94209
Schellin, R., Hess, G., Kuhnel, W., Thielemann, C., Trost, D., Wacker, J., Steinmann, R. Measurements of the mechanical behaviour of micromachined silicon and silicon-nitride membranes for microphones, pressure sensors and gas flow meters 58723
Schellin, R. *see* Schneider, U. 63456
Schelling, E.R. *see* Noel, P. 59495
Schelokov, I.A. *see* Agafonov, Yu.A. 50568
Schelten, J. *see* Kanyo, M. 87965
Schelten, J. *see* Szepesvary, A. 53330
Schelter, W. *see* Gumbrecht, W. 67444
Schelwald, P. *see* van der Wijk, A. 54481
Schempf, H. *see* Dowling, K. 53488
Schempp, A. A variable energy RFQ for the acceleration of heavy clusters 53136
Schempp, A. *see* Dehen, J. 59010
Schempp, A. *see* Dehen, J. 76528
Schempp, A. *see* Kipper, A. 76527
Schempp, A. *see* Pelzer, W. 67252
Schempp, W.V. Lattice-gate CCDs 66458
Schenck, K., Haaker, H., Nitsch, D., Placke, R., Reese, C. Today's influences and their effects on the availability of thermal power plants 53905
Schenfeld, E., Reif, J.H., Lee, S.H., Gottlieb, A., Kasahara, K., Neff, J., Moulic, J.R. Optical, processing-less massively parallel processing interconnection networks 50640
Schenfeld, E. *see* Gupta, V. 85805
Schenk, A. 1D analytical model of the metal-semiconductor contact beyond the WKB approximation 62304
Schenk, A., Krumbein, U., Muller, S., Dettmer, H., Fichtner, W. On the origin of tunneling currents in scaled silicon devices 49944
Schenk, A. *see* Hermann, M.R. 61698
Schenk, M. *see* Gille, P. 48899
Schenk, R. *see* Prall, K. 62653
Schenk, U. *see* Schwille, W.J. 76785
Schenkel, A. *see* Schaber, K. 76249
Schennach, S. *see* Muhle, C. 53156
Schennach, S. *see* Schulte, H. 53157
Schenone, M. *see* Giribone, P. 53903
Schepelyavi, P.E. *see* Romanenko, P.F. 73141
Schepler, K.L. *see* Marquardt, C.L. 56883
Schepler, K.L. *see* Wong, S.K. 94593
Schepper, L.De *see* De Schepper, L.
Scheps, R., Myers, J.F. Dual-wavelength coupled-cavity Ti:sapphire laser with active mirror for enhanced red operation and efficient intracavity sum frequency generation at 459 nm 63979
Scheps, R., Myers, J.F. Simultaneous three-wavelength operation of a coupled-cavity laser containing two gain elements 72955
Scheps, R., Myers, J.F., Mizell, G. High-efficiency 1.06-μm output in a monolithic Nd:YVO_4 laser 83003
Scheps, R., Myers, J.F., Mizell, G., Yates, K. Internally folded Nd:YAG and Nd:YVO_4 lasers pumped by laser diodes 83007
Scher, M.S., Bova, J.M., Dokianakis, S.G., Steppe, D.A. Positive temporal sharp waves on EEG recordings of healthy neonates: a benign pattern of dysmaturity in pre-term infants at post-conceptional term ages 53434
Scher, M.S., Bova, J.M., Dokianakis, S.G., Steppe, D.A. Physiological significance of sharp wave transients on EEG recordings of healthy pre-term and full-term neonates 53435
Scher, M.S. *see* Hatzilabrou, G.M. 88516
Scherbakov, I.B. *see* Evtihiev, N.N. 72520
Scherber, W. *see* Downar, H. 56272
Scherer, A. *see* Rashid, E. 92286
Scherer, A. *see* Uomi, K. 50824
Scherer, F.M. Schumpeter and plausible capitalism 60814
Scherer, G.B., Mihaljevic, V.G., Heinrichs, M.A.W., Eberle, B. Differences in the topographical distribution of EEG activity during surgical anaesthesia and on emergence from volatile anesthetics 98911
Scherer, J.B. *see* Haszto, E.D. 65209
Scherer, J.R. *see* Mathies, R.A. 53384
Scherer, R. *see* Bayraktaroglu, B. 61932
Scherer, R.L. *see* Wang, Y. 54888
Scherg, M. *see* Berg, P. 59382
Scherge, M. Electromigration—simulation and experiment 71408
Schermer, R. *see* Wanderer, P. 82422
Schermer, R.I. Status of superconducting magnets for the Superconducting Super Collider 87615
Schermer, R.I. *see* Ogitsu, T. 87687
Schermers, F. *see* Stimac, L. 67960
Scherrer, D., Apostolakis, P.J., Middleton, J., Kruse, J., Feng, M. Optimal noise matching of 0.25 micron gate GaAs MESFETs for low power personal communications receiver circuit designs 86239
Scherrer, D. *see* Apostolakis, P.J. 70874
Scherrer, D. *see* Kruse, J. 98286
Scherrer, D.P. *see* Knittel, J. 50905
Scherschel, M., Finkbeiner, F., Zhao, S.P., Jaggi, A., Maier, T., Lerch, P., Zehnder, A., Ott, H.R. Superconducting strip detectors as position sensitive particle detectors 67289
Scherzinger, B.M., Reid, D.B. Modified strapdown inertial navigator error models 67712
Schets, S.I. *see* Strijbos, R.C. 63751
Schetter, B. *see* Bergmann, D. 78472
Schetter, C. *see* Schindler, R. 100630
Schetter, C. *see* Wagner, B.F. 100485
Schetter, Ch. *see* Blieske, U. 100685
Schettini, R. Recognizing graphic symbols in line-drawing images 84868
Schettini, R. Multicolored object recognition and location 95846
Schettler, O., Heymann, S. Towards support for design description languages in EDA frameworks 91852
Schetz, M. *see* Bellon, E. 88473
Schetzina, J.F. Photoassisted MBE growth of II-VI films and superlattices 69961
Schetzina, J.F. *see* Cook, J.W., Jr. 54880
Schetzina, J.F. *see* Eason, D.B. 72622
Schetzina, J.F. *see* Eason, D.B. 72634
Schetzina, J.F. *see* Ren, J. 56569
Schetzina, J.F. *see* Ren, J. 69943
Schetzina, J.F. *see* Vaudo, R.P. 54881
Schetzina, J.F. *see* Vaudo, R.P. 69941
Scheuch, V., Potthast, K., Voigtlander, B., Bonzel, H.P. Investigation of the growth of Co on Cu(111) and Sb/Cu(111) using photoelectron forward scattering 91445
Scheuer, J.T. *see* Tuszewski, M. 62395
Scheuer, T.E., Mackiewich, B.T., Siegel, J., Mitchell, E.W., Ozard, J.M. Aspects of systems engineering for a matched-field processor 97451
Scheuerer, F. *see* Gral, T. 60305
Scheuerer, K. *see* Goubeau, A. 78986
Scheuermann, P., Yaagoub, A., Aris Ouksel, M. Compression of binary images on a hypercube machine 95715
Scheuermann, P. *see* De Jonge, W. 57343
Scheuermann, T. *see* Floyd, L.P. 66645
Scheumann, B. *see* Werle, P. 98343
Scheunders, P., De Clerck, N.M., Wille, J. Computerized image storage and analysis of contracting cardiac myocytes 67521
Scheunemann, H.-U. *see* Simon, K. 81588
Scheunemann, U. *see* Hickel, W. 63431
Scheurer, H.-M. Uniform network management 65195
Schewe, G. Successful innovation management: an integrative perspective 48651
Scheydecker, A., Goetzberger, A., Wittwer, V. Reduction of reflection losses of PV-modules by structured surfaces 90386
Schiagintweit, G.E.O. Real-time acoustic bottom classification for hydrography a field evaluation of RoxAnn 99134
Schialdone, P. *see* Schlicht, K. 81664
Schiano, M. *see* Galtarossa, A. 52489
Schiano, M. *see* Galtarossa, A. 94076
Schiattone, F. *see* Caldera, C. 97303
Schiavini, G. *see* Caldera, C. 97303
Schiavini, G.M. *see* Salviati, G. 79837
Schiavon, G. *see* Baronti, S. 77655
Schiavon, P. *see* Martin, A. 67356
Schiavone, F. *see* Labanti, C. 76762
Schiavoni, A. *see* Cerri, G. 55458
Schiavoni, A. *see* De Leo, R. 73372
Schick, D. Phase-noise analyzer simplifies noise measurements 76113
Schickfus, M.von *see* von Schickfus, M.
Schie Jen-Tsong *see* Jen-Tsong Schie
Schiebe, F.R. *see* Jackson, T.J. 77453
Schiebel, R.A. A model for 1/f noise in diffusion current based on surface recombination velocity fluctuations and insulator trapping 55892
Schiebener, P.J., Pfeiffer, A., Smirra, K. Dimensioning and design of direct controlled solenoid actuators in cryogenic Ariane 5 valves 53521
Schieber, D. Field excitation by drift charges 94717

Schieck, R. *see* Ellmer, K. 61409
Schieffert, T.J. ATM deployment: Waiting could be costly 86748
Schiek, B. *see* Heuermann, H. 58648
Schiek, B. *see* Heuermann, H. 87042
Schiek, B. *see* Heuermann, H. 87425
Schiek, B. *see* Krekels, H.-G. 86857
Schiek, B. *see* Krekels, H.-G. 97841
Schiek, R. All-optical switching in the directional coupler caused by nonlinear refraction due to cascaded second-order nonlinearity 63991
Schiek, R. *see* Torruellas, W.E. 94622
Schiel, L., Schuster, N.P. Comprehensive design for transformer protection 60288
Schielein, D. *see* Jastrzebski, L. 81411
Schiemann, T., Hohne, K.H., Kramer, H., Pommert, A., Riemer, M., Schubert, R., Tiede, U. "Intelligent volumes": a new concept for representing spatial knowledge 57684
Schiemann, T. *see* Pommert, A. 84628
Schienle, M. *see* Achatz, V. 94315
Schienle, M. *see* Wenger, G. 97344
Schier, M. *see* Cremer, C. 86019
Schier, M. *see* Illek, S. 94525
Schierbaum, K.D. Application of organic supramolecular and polymeric compounds for chemical sensors 58670
Schierbaum, K.D., Hierlemann, A., Gopel, W. Modified polymers for reliable detection of organic solvents: thermodynamically controlled selectivities and sensitivities 66231
Schiess, M. CPFSK spectrum in a heterodyne receiver with delay demodulation 65780
Schiessl, U. *see* Messica, A. 76053
Schiferl, R., Driscoll, D., Stein, J. Current status of high temperature superconducting motor development 89871
Schiff, E.A. *see* Luft, W. 90404
Schiff, E.A. *see* Qing Gu 81246
Schiff, S.J., Heller, J., Weinstein, S.L., Milton, J. Controlled wavelet transforms for EEG spike and seizure localization 59393
Schiff, S.J., Milton, J., Heller, J., Weinstein, S.L. Wavelet transforms and surrogate data for electroencephalographic spike and seizure localization 77018
Schiffer, M., Cruse, E., Lange, W. Optical hyperfine pumping as nonlinear mechanism in degenerate four-wave mixing 94660
Schiffler, A. *see* Oznovich, I. 99194
Schiffler, W., Heitmann, J.K.R., Vaanholt, H. A digital 1.2 Gbit/sec VCR for a universal recording format of HD image data 86769
Schiffler, W., Vaanholt, H. A VCR for HD—recording according to the format 97695
Schiffli, M. *see* Pham, D. 92287
Schift, H. *see* Bauer, H.-D. 82702
Schijf, A. *see* De Jonge, W. 57343
Schikora, D., Hausleitner, H., Einfeldt, S., Becker, C.R., Widmer, T., Giftge, C., Lubke, K., Lischka, K., von Ortenberg, M., Landwehr, G. Epitaxial overgrowth of II-VI compounds on patterned substrates 61282
Schikora, D. *see* Lang, M. 61293
Schikore, D.R. *see* Bajaj, C.L. 53461
Schildberg, H.-P. *see* Richter, H.J. 50308
Schildberg, H.P. *see* Fischer, G. 50309
Schildberg, P. *see* Ramacher, U. 49598
Schildberg, S. *see* Dickmann, J. 56010
Schildberg, S. *see* Dickmann, J. 56034
Schilders, W.H.A. *see* Jansen, J.K.M. 61157
Schildknecht, R.R. *see* Smith, D.R. 50085
Schildkraut, J.S. *see* Clays, K. 50937
Schildwachter, L. *see* Buschhorn, G. 76859
Schiling, D.L. *see* Elhakeem, A.K. 60697
Schilit, B.N., Theimer, M.M. Disseminating active map information to mobile hosts 85676
Schill, J. *see* Yao Lin 83399
Schill, R.L., Bertodo, R.G., McArthur, D.N. Achieving success in technology alliances: the Rover-Honda strategic collaboration 60865
Schilleci, J.W. *see* Pillay, P. 90506
Schiller, G., Drexler, F. Resource conservation through water power: contributions to an ecological balance of production of electric power 99824
Schiller, S. *see* Paschotta, R. 83324
Schillig, J.B., Boenig, H.J., Rogers, J.D., Sims, J.R. Design of a 400 MW power supply for a 60 T pulsed magnet 83536
Schillig, J.B. *see* Campbell, L.J. 83552
Schillig, J.B. *see* Sims, J.R. 83550
Schilling, C. *see* Wettstein, K. 58314
Schilling, D.L. Wireless communications going into the 21st century 75335
Schilling, D.L. Broadband spread spectrum multiple access for personal and cellular communications 86165
Schilling, D.L. *see* Djuknic, G.M. 52463
Schilling, D.L. *see* Ghassemzadeh, S.S. 75261
Schilling, D.L. *see* Nelson, E.A. 83648
Schilling, H. *see* Burger, R. 79462
Schilling, M., Daub, K., Lach, E., Laube, G. Tunable Y laser with reactive ion etched mirror facets suitable for integration 56786
Schilling, M., Reimer, D., Merkt, U. Flux-voltage modulation of $YBa_2Cu_3O_7$ DC-SQUIDs with artificial barriers 50426
Schilling, M., Reimer, D., Merkt, U. $YBa_2Cu_3O_7$ direct current-superconducting quantum interference devices with artificial $PrBa_2Cu_3O_7$ barriers above 77 K 56240
Schilling, M. *see* Burmeister, L. 72243
Schilling, M. *see* Dutting, K. 63791
Schilling, M. *see* Haisch, H. 86520
Schilling, M. *see* Zielinski, E. 56434
Schilling, M.L., Katz, H.E., Houlihan, F.M., Kometani, J.M., Stein, S.M., Nalamasu, O. Photogenerated acid-catalyzed formation of phosphonic/phosphoric acids by deprotection of esters 81628
Schilling, M.T. *see* Massaud, A.G. 77896
Schilling, O., Colbow, K. A mechanism for sensing reducing gases with vanadium pentoxide films 98173
Schilling, P.von *see* von Schilling, P.
Schilz, J. *see* Kurten, M. 48896
Schimanski, J. Overvoltage protection of data processing installations 60306
Schimert, T.R. *see* Mitra, P. 71292
Schimert, T.R. *see* Mitra, P. 91526
Schimke, R.D. *see* Brooks, B.O. 54426
Schimmel, D.E. *see* Allen, J.D. 52135
Schimmel, F. *see* Wu, Y. 87694
Schimmerling, W. *see* Zeitlin, C.J. 87954
Schimpe, R. *see* Cremer, C. 86019
Schindel, D.W. *see* Wright, W.M.D. 59603
Schindler, H.R. *see* Lemppenau, W.W. 52099
Schindler, H.R. *see* Van As, H.R. 51853
Schindler, M. *see* Teeter, D. 80823
Schindler, M. *see* Teeter, D. 92609
Schindler, M.J., Chu, S.L.G., Binder, R.B. A comparison of GaAs transistors as passive mode mixers 80844
Schindler, M.J. *see* Tsai, M.C. 80198
Schindler, M.J. *see* Tsai, M.C. 80812
Schindler, P. *see* Dumesnil, J. 99875
Schindler, R. The art of living with defects in silicon: gettering and passivation 81490
Schindler, R., Reis, I., Wagner, B., Eyer, A., Lautenschlager, H., Schetter, C., Warta, W., Hartiti, B., Slaoui, A., Muller, J.C., Siffert, P. Rapid optical thermal processing of silicon solar cells 100630
Schindler, R. *see* Apel, M. 81415
Schindler, R. *see* Breidenbach, M. 92864
Schindler, R. *see* Hartiti, B. 100642
Schindler, R. *see* Schatzle, P. 92927
Schindler, R. *see* Warta, W. 81184
Schindler, R.H. *see* Baggs, R. 76791
Schinschek, S. *see* Albat, H. 100904
Schinzel, D. *see* Fanti, V. 76788
Schippel, E. *see* Bender, A. 63043
Schirato, R. *see* Polichar, R. 87968
Schirato, R.C., Polichar, R.M., Reed, J.H., Smith, S.T. High dynamic range X-ray imager employing CdZnTe detector arrays 59230
Schirm, L., IV Emerging trends in supercomputing, with emphasis on image and signal processing applications 70675
Schirmer, F. *see* Seibt, A. 67865
Schirmer, J. *see* Dietz, R. 66266
Schirripa Spagnolo, G., Paoletti, D., Ambrosini, D., Bagini, V., Santarsiero, M. Fourier transform evaluation of digital interferograms for diffusivity measurement 57022
Schirrmacher, A. *see* Glas, P. 63686
Schitsco, V.N. *see* Andriesh, A.M. 58816
Schitterer, K. *see* Blieske, U. 100685
Schitterer, K. *see* Stryi-Hipp, G. 100475
Schittkowski, K. Parameter estimation in systems of nonlinear equations 69850
Schiuma, D. *see* Fanti, V. 76788
Schjetne, I. *see* Olsen, B.T. 86380
Schlaak, M. *see* Cordemann, A. 66719
Schlabbach, J. Expert system measures harmonics and EMC 78236
Schlabbach, J. Contribution of solar energy in distant countries to the power supply of Europe 100031
Schlaberg, H.I., Duffy, J.S. Piezoelectric polymer composite arrays for ultrasonic medical imaging applications 88476
Schlachetzki, A. *see* Bakin, A. 91457
Schlachetzki, A. *see* Hansen, K. 92945
Schlachetzki, A. *see* Klockenbrink, R. 62480
Schlachetzki, A. *see* Klockenbrink, R. 98000
Schlachetzki, A. *see* Lubnow, A. 69986
Schlaf, R. *see* Lang, O. 69971
Schlaf, R. *see* Lang, O. 71154
Schlafer, J., Rideout, W., Abdalla, M., Eichen, E., Russell, W., Niland, W., Meland, E., Powazinik, W., LaCourse, J. Wide-bandwidth 1.3 μm integrated lossless tap and optical preamplifier 72650
Schlafer, J. *see* Sharfin, W.F. 83060
Schlag, E. *see* Lao, Z. 52288
Schlag, E. *see* Lao, Z.H. 75498
Schlag, M.D.F. *see* Chan, P.K. 80017
Schlager, H.G. *see* Hornung, M. 92920
Schlager, J.B. *see* Jinno, M. 83110
Schlageter, G. *see* Straube, M. 49101
Schlageter, J., Whitney, T., El-Ayat, K., Miller, W., Wong, T., Wong, W., Gopisetty, R., Dharmarajan, K., Chan, R., Lee, D. A high performance I/O intensive synthesis-friendly sub-micron field programmable gate array family 70389
Schlam, E. *see* Halverson, W. 87385
Schlameus, D. *see* Alawadi, H.A. 87583
Schlamp, M.C. *see* Colvin, V.L. 72639
Schlangen, M.J. *see* Winter, E.M. 75628
Schlapbach, L. *see* Zuttel, A. 90349
Schlapp, S.A. *see* Deering, M.F. 80336
Schlapp, W. *see* Heedt, C. 93492
Schlatter, T.W. *see* Miller, P.A. 99185
Schlecht, M.F. *see* Farkas, T. 78726
Schlecht, M.F. *see* Hinman, R.T. 70424
Schlecht, R.C. *see* Qiu, M.W. 83033
Schlechtweg, M., Reinert, W., Bangert, A., Braunstein, J., Tasker, P.J., Bosch, R., Haydl, W.H., Bronner, W., Hulsmann, A., Kohler, K., Seibel, J., Yu, R., Rodwell, M. High performance MMICs in coplanar waveguide technology for commercial V-band and W-band applications 80787
Schlechtweg, M. *see* Bangert, A. 80770
Schlechtweg, M. *see* Bangert, A. 80820
Schlee, M. *see* Neupert, D. 53906
Schlee, M. *see* Neupert, D. 78270
Schlegel, C. Trellis coded modulation on time-selective fading channels 57368
Schlegel, C. *see* Lei Wei 75208
Schlegel, G. *see* Ramseier, S. 83990
Schlegel, T. *see* Shlyaptsev, V.N. 50719
Schlegelmilch, G. A logarithmic amplifier for GSM mobile telephones 52368
Schleich, D.M. *see* Plichta, E.J. 68972
Schlein, P. *see* Harr, R. 88209
Schlemmer, B., Winter, A. Real part determination OFDR with digital spatial filtering 82561
Schlemmer, E., Rucker, W.M., Richter, K.R. Boundary element computations of 3D stationary and time-dependent problems using Bezier-spline elements 83606
Schlemmer, E. *see* Rucker, W.M. 52622
Schlemmer, E. *see* Rucker, W.M. 83607
Schlemper, H.D. *see* Blaun, H. 93755
Schlenk, R. *see* Einfeld, D. 59217
Schlenk, R. *see* Einfeld, D. 66834
Schleppe, J. *see* McLellan, J.F. 66002
Schlereth, A. Digital algorithms for suppression of adjacent channel interference in FM receivers 83908
Schlereth, K.-H. *see* Fach, M.A. 63767
Schlesiger, C.D. *see* Braunstein, J. 83840
Schlesinger, T.E. *see* Burton, R.S. 63438
Schlesinger, T.E. *see* Burton, R.S. 63910
Schlesinger, T.E. *see* Burton, R.S. 64193
Schlesinger, T.E. *see* Greve, D.W. 91483
Schlesinger, T.E. *see* Qibiao Chen 82724
Schlesser, R. *see* Knopfle, G. 73027
Schley, P. *see* Kissinger, G. 81845
Schlicht, K., Schialdone, P., Spragg, P., Hansen, S.G., Hurditch, R.J., Toukhy, M.A., Brzozowy, D.J. Reliability of photospeed and related measures of resist performances 81664
Schlichtherle, B. *see* von Plessen, G. 62267
Schlichtmann, U. *see* Schneider, P.H. 92017
Schlie, L.A. *see* Pelouch, W.S. 73110
Schlieber, K.J. *see* Heindel, L.E. 74749
Schlier, A. *see* Hanson, H. 88903
Schlindwein, F.S., Vieira, M.H., Vasconcelos, F.M., Simpson, D.M. Real-time digital processing of Doppler ultrasound signals and calculation of flow parameters 76963
Schlittler, F. Quality control of low voltage electricity installations 54425
Schlittler, F. The monitoring of low-voltage electrical installations 89226
Schlittler, R.R. *see* Dumas, P. 71070
Schlittler, R.R. *see* Gimzewski, J.K. 70101
Schlittler, W. Hospital paging system—from opical call systems to computer-aided communications systems 88618
Schlogl, D. *see* Fill, E.E. 50732
Schlogl, D. *see* Fill, E.E. 50740
Schlosser, T. *see* Singer, P.A. 94881
Schlotter, J.J.H. *see* van Schaik, W. 72583
Schlucking, U. *see* Handschin, E. 59788
Schlueter, R. *see* Chun-Xi Wang 87737
Schlueter, R. *see* Chun-Xi Wang 87742
Schlueter, R. *see* Hoyer, E. 67239
Schlueter, R. *see* Humphries, D. 63254
Schlueter, R. *see* Humphries, D. 87788
Schlueter, R. *see* Marks, S. 67240
Schlueter, R. *see* Winick, H. 83178
Schlueter, R.A., I-Pung Hu Types of voltage instability and the associated modeling for transient/mid-term stability simulation 59705
Schlueter, R.A. *see* Tzong-Yih Guo 77851
Schlueter, R.D., Halbach, K. Skew harmonics suppression in electromagnets with application to the Advanced Light Source (ALS) storage ring corrector magnet design 87779
Schlueter, R.D., Halbach, K. Harmonics suppression of fields arising from vacuum chamber eddy currents with application to SSC Low-Energy-Booster magnets 87780
Schlueter, R.D. *see* Young, A.T. 76304
Schlump, W. *see* Lugscheider, E. 70081
Schluns, K. Photometric Stereo for non-Lambertian surfaces using color information 95695
Schluns, K., Wittig, O. Photometric stereo for non-Lambertian surfaces using color information 84885
Schlussler, J.-U. *see* Graetz, T. 80069
Schluter, H. *see* Ghanashev, I. 94849

Schmaedeke, W., Kastella, K. Event-averaged maximum likelihood estimation and information based sensor management 73933
Schmalz, K. *see* Yassievich, I.N. 93027
Schmalz, M.S. Optical and electro-optical architectures for the compression and encryption of discrete signals and imagery. 2. Data encryption 72511
Schmalz, M.S. Optical and electro-optical architectures for the compression and encryption of discrete signals and imagery. 1. Data compression 74368
Schmalz, M.S. Optical and electro-optical architectures for the compression and encryption of discrete signals and imagery. 3. Optical computation over compressed data 74369
Schmalz, M.S., Ritter, G.X. Image-algebraic design of multispectral target recognition algorithms 85118
Schmalzle, J. *see* Anerella, M. 76663
Schmandt, C. Phoneshell: the telephone as computer terminal 65198
Schmandt, C. Multimedia nomadic services on today's hardware 85675
Schmandt, C. *see* Hindus, D. 97734
Schmatjko, K.J., Tenckhoff, E. Materials development in electric power engineering 53925
Schmeck, K.H. Computer integrated transport logistics for European traffic 78962
Schmeichel, E.F. *see* Bagchi, A. 57943
Schmeiser, B.W. *see* Jin Wang 69695
Schmeiser, C. Semiconductor devices under circuit boundary conditions 71554
Schmeisser, G. *see* Rahman, Q.I. 69859
Schmeller, A. *see* Lettau, C. 93037
Schmelter, J. *see* Kurth, F. 57027
Schmelzbach, P.A. Recent advances in polarized ion source development 53260
Schmerbeck, T.J. *see* Philpott, R.A. 49573
Schmerge, J.F., Lewellen, J.W., Feinstein, J., Pantell, R.H. High efficiency FEL operation using microwave re-acceleration in a combined accelerator/wiggler 83187
Schmickler, H. *see* Bailey, R. 76434
Schmid, A. *see* Ichinokawa, T. 71198
Schmid, A.K. *see* Itoh, H. 71200
Schmid, A.K. *see* Winau, D. 71199
Schmid, C. *see* Bobet, P. 84688
Schmid, C. *see* Crowley, J.L. 96025
Schmid, C.A. *see* Murphy, K.A. 91667
Schmid, D. *see* Kessler, J. 100654
Schmid, D. *see* Klenk, R. 61354
Schmid, F., Smith, M.B., Khattak, C.P. Kerf reduction using shaped wire 100638
Schmid, F. *see* Ezingeard, J.-N. 54367
Schmid, F. *see* Khattak, C.P. 90402
Schmid, F. *see* Khattak, C.P. 92926
Schmid, H., Fink, H.-W. Mechanical and electronic manipulation of nanometer-sized wires 71056
Schmid, J. *see* Delikaris, D. 76646
Schmid, J. *see* Gusewell, D. 76381
Schmid, J. *see* Kyburz, R. 52815
Schmid, J. *see* Kyburz, R. 97949
Schmid, L.H. Pin and socket miniaturization evolves 80961
Schmid, M. *see* Schnabb, F. 97613
Schmid, O. *see* van Winterfeld, C. 57275
Schmid, P., Cole, R., Fanty, M. Automatically generated word pronunciations from phoneme classifier output 73886
Schmid, P. *see* Fanty, M. 73820
Schmid, R. *see* Brunner, M. 54483
Schmid, R. *see* Brunner, M. 54485
Schmid, R. *see* Rein, H.-M. 80414
Schmid, S.R. *see* Rondinella, V.V. 94098
Schmidberger, R. *see* Behrens, V. 61984
Schmiddem, W. *see* Sauermann, K. 90581
Schmidl, A.F. *see* Zakosarenko, V. 76167
Schmidl, J. *see* Luy, J.-F. 55397
Schmidl, T.M., Cosman, P.C., Gray, R.M. Unbalanced non-binary tree-structured vector quantizers 95972
Schmidl, W.D. *see* Philip, O.G. 89519
Schmidlin, F.J. *see* Wang, J.R. 77407
Schmidmeier, R. *see* Niculescu, H. 82334
Schmidt, A., Wismann, V., Romeiser, R., Alpers, W. Tower based measurements of the ocean wave radar modulation transfer function with a three-frequency scatterometer 99241
Schmidt, A. *see* Nutzel, B. 99222
Schmidt, A. *see* Romeiser, R. 67842
Schmidt, A. *see* Romeiser, R. 77436
Schmidt, B., von Borany, J., Todt, U., Erlebach, A. Preparation and characterization of ultrathin crystalline silicon membranes 66218
Schmidt, B. *see* Fabula, T. 66179
Schmidt, C. *see* Braun, T. 51968
Schmidt, C. *see* Krempasky, L. 82317
Schmidt, C. *see* Krempasky, L. 93917
Schmidt, C.W. The Fermilab 400-MeV linac upgrade 76293
Schmidt, C.W. *see* Owens, T.L. 76406
Schmidt, C.W. *see* Popovic, M.B. 76405
Schmidt, D.C. Safe and effective error rate monitors for SS7 signaling links 51919
Schmidt, D.M. *see* Alexander, J.P. 59072
Schmidt, D.M. *see* Alexander, J.P. 70305
Schmidt, E. *see* Mizeraczyk, J. 72684
Schmidt, F. *see* Burns, A. 76487
Schmidt, F. *see* Fischer, W. 66914
Schmidt, F. *see* Giovannozzi, M. 67042
Schmidt, G., Dooley, L.S., Buchwald, W.P. A PALplus compatible HDTV encoder system 86734
Schmidt, G., Setterlund, R. Precision strike concepts exploiting relative GPS techniques 88912
Schmidt, G. *see* Steinhagen, H. 99188
Schmidt, G. *see* Yoe, J.G. 99187
Schmidt, H. *see* Bellingham, J.G. 97443
Schmidt, H. *see* Deffenbaugh, M. 77549
Schmidt, H. *see* Golla, D. 56671
Schmidt, H. *see* Hase, A. 56790
Schmidt, H. *see* Rolt, K.D. 65936
Schmidt, H. *see* Rolt, K.D. 75652
Schmidt, H.-L. *see* Falter, J. 67443
Schmidt, H.F., Meuris, M., Mertens, P.W., Verhaverbeke, S., Heyns, M.M., Dillenbeck, K. Evaluating the effects of chemical purity within the RCA wafer-cleaning process 62457
Schmidt, H.F. *see* Mertens, P.W. 71400
Schmidt, H.U. *see* Henschel, H. 72320
Schmidt, H.U. *see* Lischka, H. 72589
Schmidt, J. *see* Kallmerten, A. 75014
Schmidt, J. *see* Pfiester, J.R. 63010
Schmidt, J.A. *see* Stetina, F. 77307
Schmidt, J.R. *see* Iigusa, K. 57230
Schmidt, J.W., Welch, B.E., Ehrlich, C.D. Gas and mode, vertical and rotational effects with a three piston gauge apparatus 66733
Schmidt, K., Halunga, S. Digital maximum-likelihood-oriented clock recovery in open-loop structure and an analytical algorithm for the optimization of the nonlinearity 92338
Schmidt, K.H. *see* Buschhorn, G. 76859
Schmidt, M. *see* Bezaguet, A. 82474
Schmidt, M. *see* Braunstein, L. 89561
Schmidt, M. *see* Gish, H. 95234
Schmidt, M. *see* Grunberger, W. 72017
Schmidt, M. *see* Hoglin, H.-J. 68323
Schmidt, M. *see* Krankenhagen, R. 92933
Schmidt, M. *see* Scharf, S. 71222
Schmidt, M.A. *see* Bang, C.A. 62035
Schmidt, M.B. *see* Chang, D.D. 92793
Schmidt, P. *see* Apeldoorn, O. 68822
Schmidt, P.A. The New Paltz/VISION program 54387
Schmidt, R., Bruning, C., Alpers, W. Ocean wave-radar modulation transfer functions inferred from airborne synthetic aperture radar imagery 99243
Schmidt, R. *see* Arnaudon, L. 66851
Schmidt, R. *see* Bruning, C. 67843
Schmidt, R. *see* Bruning, C. 77479
Schmidt, R. *see* Castro, P. 76559
Schmidt, R. *see* How, H. 80572
Schmidt, R. *see* Pachunke, T. 73784
Schmidt, R. *see* Sredniawski, J. 76443
Schmidt, R.-G., Fiedler, K. Condensation processes in a multi-stage wet steam turbine 89588
Schmidt, R.R. Local and average transfer coefficients on a vertical surface due to convection from a piezoelectric fan 91076
Schmidt, S. Management (operation & maintenance) of GSM base station subsystems 75227
Schmidt, S., Werthenbach, U., Zech, G. Simulation of electrostatic properties and gas amplification in microstrip gas chambers and comparison with measurements 76792
Schmidt, S. *see* Schwille, W.J. 76785
Schmidt, T., Teggatz, R., Devore, J., Chen, W. The evolution of an analog standard cell in the PRISM™ process 49580
Schmidt, T. *see* Teggatz, R. 49579
Schmidt, V. *see* Kroese, D.P. 79549
Schmidt, V.M., Brockerhoff, P., Hohlein, B., Menzer, R., Stimming, U. Utilization of methanol for polymer electrolyte fuel cells in mobile systems 60570
Schmidt, W. *see* Beyer, H.G. 89762
Schmidt, W.H., Steffen, E. ISO/MPEG subjective tests on multichannel audio coding systems: statistical analysis 96871
Schmidt, W.M. Equations $a^x = R(x,y)$ 61059
Schmidt, W.M. *see* Williams, B.A. 77650
Schmidt-Bocking, H. *see* Brauning, H. 88307
Schmidtchen, J., Schuppert, B., Petermann, K. Passive integrated-optical waveguide structures by Ge-diffusion in silicon 63473
Schmidtchen, U., Marinescu-Pasoi, L., Verfondern, K., Nickel, V., Sturm, B., Dienhart, B. Simulation of accidental spills of cryogenic hydrogen in a residential area 90884
Schmidts, H.F. *see* Schrefl, T. 50174
Schmiedberger, J., Kodymova, J., Spalek, O., Kokes, A. Measurements of peak power enhancement and power conservation in magnetically gain-modulated chemical oxygen-iodine laser 94338
Schmiedeskamp, B., Kloidt, A., Stock, H.-J., Kleineberg, U., Dohring, T., Propper, M., Rahn, S., Hilgers, K., Heidemann, B., Tappe, T., Heinzmann, U., Krumrey, M.K., Muller, P., Scholze, F., Heidemann, K.F. Electron-beam-deposited Mo/Si and Mo_xSi_y/Si multilayer x-ray mirrors and gratings 56504
Schmieg, M. *see* Legler, G. 59905
Schmiemann, K. *see* Abplanalp, M. 53309
Schmietainski, U., Wenzel, F. Relationship of polarization states in a single mode fiber with opposite feeding 56341
Schmit, H., Amstein, L., Thomas, D., Lagnese, E. Behavioral synthesis for FPGA-based computing 70413
Schmit, R.R. Highlights of Texas Instruments Spheral Solar technology 90430
Schmit, R.R., Felder, B., Hotchkiss, G. Recent progress in the design and fabrication of Spheral Solar modules 100707
Schmitt, B. *see* Anderson, B.E. 88246
Schmitt, D., Steffen, B., Weiland, T. 2D and 3D computations of lossy eigenvalue problems 83763
Schmitt, D.-R., Ringel, G., Kratz, F. Roughness measurement on supersmooth surfaces with an optical heterodyne profiler 76203
Schmitt, D.R. *see* Smith, H.V., Jr. 53184
Schmitt, D.R. *see* Vernon Smith, H., Jr. 76728
Schmitt, H. *see* Reuter, H. 78835
Schmitt, H.-J. *see* Schobrem, T. 58310
Schmitt, J., Helbig, R. Oxidation of 6H-SiC as function of doping concentration and temperature 71391
Schmitt, J.P.M. *see* Strasser, G. 61369
Schmitt, M. Line segments on binary images: Algorithm and application 85110
Schmitt, M., Freisem, S., Becherer, T., Hadish, A., Adrian, H. $YBa_2Cu_3O_7$ Josephson junctions and dc SQUIDs by mechanically induced growth disorder 82381
Schmitt, M., Hadish, A., Wagner, P., Becherer, Th., Adrian, H. High-T_c-based Josephson-junctions and SQUIDs by mechanically induced growth disorder 63321
Schmitt, M., Mattioli, J. Strong and weak convex hulls in non-Euclidean metric theory and application 84836
Schmitt, M. *see* Mattioli, J. 85107
Schmitt, M. *see* Najman, L. 74337
Schmitt, M. *see* Petersen, K. 63320
Schmitt, N. *see* Tessier, L. 67489
Schmitt, N.M. *see* Malstrom, E.M. 80984
Schmitt, N.P., Wetenkamp, L., Steinbach, P., Mehnert, A., Heinemann, S., Peuser, P. Tunable laser-diode-pumped Nd:YAG microcrystal lasers at 1.4 μm 82989
Schmitt, R. *see* Brunner, M. 54485
Schmitt, R.F. *see* Wylie, M.P. 74105
Schmitt, R.M. *see* Song, H. 98790
Schmitt, W., Rothe, J., Hormes, J., Gries, W.H. Angle-resolved self-ratio measurements on ion-implanted depth profiles by synchrotron X-ray fluorescence spectrometry 93147
Schmitt, W. *see* Braun, H. 59847
Schmitt, W. *see* Lerch, E. 59701
Schmitt-Landsiedel, D. *see* Griep, S. 82035
Schmitt-Landsiedel, D. *see* Khare, J. 60920
Schmitz, A.E. *see* Brown, A.S. 56022
Schmitz, A.E. *see* Brown, J.J. 55409
Schmitz, A.E. *see* Hafizi, M. 55926
Schmitz, B.E. *see* Stevenson, R.L. 51650
Schmitz, C.J. *see* Baumbaugh, B. 59149
Schmitz, D. *see* Beccard, B. 54904
Schmitz, D. *see* Bock, R. 59147
Schmitz, H. *see* Engelmann, G. 62603
Schmitz, J. *see* van den Berg, F.D. 98523
Schmitz, P. *see* Adam, A. 88087
Schmitz, P. *see* Adam, A. 88102
Schmitz, P. *see* Adriani, O. 88023
Schmitz, S. *see* Weckenmann, A. 69591
Schmitz, T. *see* Schroder, O. 88616
Schmoch, U., Schnoring, T. Technological strategies of telecommunications equipment manufacturers. A patent analysis 65122
Schmoeller, M. *see* Lemp, K.H. 96274
Schmolke, R., Scholl, E., Nagele, M., Gutowski, J. Nonlinear optical switching fronts in CdS 63951
Schmor, P.W. *see* Dutto, G. 53189
Schmor, P.W. *see* Zelenski, A.N. 76746
Schmuck, H. Effect of polarisation-mode-dispersion in fibre-optic millimetre-wave systems 86411
Schmuck, H. *see* Heidemann, R. 97093
Schmugge, T.J. *see* Jackson, T.J. 59585
Schmugge, T.J. *see* Jackson, T.J. 77453
Schmukler, B.C. Coplanar on-wafer matching structures tunable by RF-probe position 80799
Schmullius, C., Nithack, J. Seasonal variations of agricultural fields in multifrequency SAR images 77665
Schmullius, C. *see* Wismann, V. 77640
Schmuser, P. *see* Graber, J. 67093
Schmuser, P. *see* Kirchgessner, J. 67104
Schnaars, G. *see* Heinrich-Goldner, E. 75072
Schnabb, F., Schonbeck, D., Schmid, M. TV measurement system with test line measurement receiver 97613
Schnabel, J.A. *see* Toennies, K.D. 74418
Schnabel, R. *see* Pieper, W. 58380
Schnabel, R.F., Grundmann, L., Krost, A., Christen, J., Heinrichsdorff, F., Bimberg, D., Cerva, H. Defect reductions and strain relaxation mechanisms in InP grown on patterned Si(001) 54929
Schnabel, R.F. *see* Droge, E. 75514
Schnabel, R.F. *see* Grundmann, M. 56809
Schnakenberg, U. *see* Hagedorn, R. 100181

Schnars, U., Juptner, W.P.O. Digital recording and reconstruction of holograms in hologram interferometry and shearography 73137
Schnase, A. *see* Gunther, C. 87710
Schnase, A. *see* Meuth, H. 67232
Schnase, A. *see* Papureanu, S. 67223
Schnatz, H., Lipphardt, B., Ohshima, S., Riehle, F., Kramer, G. Synthesis of the frequency of the Ca intercombination line (λ=657,5 nm) 86824
Schnatz, I. *see* Riehle, F. 86874
Schnaufer, B.A., Jenkins, W.K. New data-reusing LMS algorithms for improved convergence 95564
Schneck, J. *see* Regi, F.X. 82401
Schnecker, M. *see* Murata, H. 83647
Schneegans, M., Zorn, G.M. Degradation of passivated aluminum metallization by mechanical and electrical stress 62541
Schneegans, M.A. Cerium fluoride crystals for calorimetry at LHC 53292
Schneekloth, U. *see* Bock, B. 53325
Schneeweiss, W. Teaching reliability technology as part of process control and communications technology 90790
Schneid, J. A characterization of compactly supported orthonormal wavelets 79757
Schneider, A. *see* Gleitsmann, G. 71281
Schneider, A. *see* Sollner, J. 61286
Schneider, A. *see* Taudt, W. 70000
Schneider, A.F. VOC-free fluxes 70991
Schneider, B. *see* Bock, B. 53325
Schneider, C. *see* Bradatsch, T. 53988
Schneider, C.J., Van Dijk, J.D.P., De Leeuw, A.A.C., Wust, P., Baumhoer, W. Quality assurance in various radiative hyperthermia systems applying a phantom with LED matrix 88533
Schneider, D.A. *see* Neimat, M.-A. 86000
Schneider, E. *see* Kiessling, F. 69119
Schneider, E. *see* Ravi-Chandar, K. 55003
Schneider, E. *see* Zimmert, G. 69118
Schneider, F.B. *see* Budhiraja, N. 85340
Schneider, H., Metz, M., Piquet, H., Foch, H., Courault, J., Lapierre, O. Utilization of real-time models for the survey and maintenance of high power electrotechnical systems 89797
Schneider, H., Ralston, J.D., O'Reilly, E.P., Weisser, A.S., Larkins, E.C. Gain switching in high-speed semiconductor lasers: intermediate-signal analysis 72876
Schneider, H. *see* Bender, G. 75998
Schneider, H. *see* Larkins, E.C. 52840
Schneider, H.M. *see* Hibbs, A.D. 82395
Schneider, H.W. *see* Clemens, P.C. 82700
Schneider, I. *see* Ewing, K.J. 98030
Schneider, J. Lean production in switchgear manufacture 78750
Schneider, J., Moser, M., Affolter, K. Low loss corner mirrors in InP/InGaAsP/InP for integrated optics etched with chlorinated gases 56405
Schneider, J., Schumacher, E., Erben, U. Thermal management in strongly non-planar microwave HBTs 61918
Schneider, J. *see* Baier, T. 94257
Schneider, J. *see* Zhi-Gong Wang 86316
Schneider, J. *see* Zhi-Gong Wang 92341
Schneider, J.D. *see* Johnson, K.F. 76427
Schneider, J.D. *see* Smith, H.V., Jr. 53184
Schneider, J.D. *see* Stevens, R.R., Jr. 76424
Schneider, J.D. *see* Vernon Smith, H., Jr. 76728
Schneider, J.M. *see* Bjerring, L.H. 96506
Schneider, J.W. *see* Kreitzman, S.R. 76852
Schneider, K., Kropf, Th., Kumar, R. Control path oriented verification of sequential generic circuits with control and data path 49336
Schneider, K., Kumar, R., Kropf, T. Alternative proof procedures for finite-state machines in higher-order logic 55235
Schneider, K. *see* Feldbusch, F. 80313
Schneider, K.-H. The effects of low-frequency electro-magnetic fields upon human beings 88567
Schneider, L.X. *see* Anderson, D.E. 67191
Schneider, M., de Agapito Vicente, L. An image processing environment based on object oriented programming 74519
Schneider, M. *see* Bilger, H.R. 88746
Schneider, M. *see* Carroll, J.J. 60248
Schneider, M. *see* Dawson, D.M. 90020
Schneider, M.C. *see* Galup-Montoro, C. 81881
Schneider, M.C. *see* Galup-Montoro, C. 82073
Schneider, O. *see* Amidei, D. 98639
Schneider, P.H., Schlichtmann, U., Antreich, K.J. A new power estimation technique with application to decomposition of Boolean functions for low power 92017
Schneider, R.P. *see* Howard, A.J. 94526
Schneider, R.P. *see* Lear, K.L. 83156
Schneider, R.P. *see* Sherwin, M.E. 81953
Schneider, R.P., Jr., Choquette, K.D., Lott, J.A., Lear, K.L., Figiel, J.J., Malloy, K.J. Efficient room-temperature continuous-wave AlGaInP/AlGaAs visible (670 nm) vertical-cavity surface-emitting laser diodes 50823
Schneider, R.P., Jr., Jones, E.D., Follstaedt, D.M. Growth and characterization of GaInP unicompositional disorder-order-disorder quantum wells 70039
Schneider, R.P., Jr. *see* Blum, O. 94193
Schneider, R.P., Jr. *see* Choquette, K.D. 63857
Schneider, R.P., Jr. *see* Chow, W.W. 72830
Schneider, R.P., Jr. *see* Gourley, P.L. 72977
Schneider, R.P., Jr. *see* Shul, R.J. 55778
Schneider, S.W., Munk, B.A. The scattering properties of "Super Dense" arrays of dipoles 57267
Schneider, T. Investigation of Chandrasekhar factorisation based fast RLS algorithms 64418
Schneider, T., Turowski, P. Critical current degradation of a NbTi-multifilament conductor due to heat treatment 82484
Schneider, T. *see* Jamieson, D.G. 53457
Schneider, T. *see* Jamieson, D.G. 98962
Schneider, T.D. Sequence logos, machine/channel capacity, Maxwell's demon, and molecular computers: a review of the theory of molecular machines 71012
Schneider, U., Schellin, R. A phase-modulating microphone utilizing integrated optics and micromachining in silicon 63456
Schneider, W. A hybrid power amplifier for 144 MHz 49178
Schneider, W. *see* Chance, K. 67811
Schneider, W. *see* Drury, M. 67082
Schneider, W. *see* Marshall, J. 67201
Schneider, W. *see* Zarschizky 94305
Schneider, W.J., Bisognano, J.J., Fischer, J., Douglas, D.R., Macha, K., Mammosser, J., Oren, W., Preble, J., Robb, J., Wiseman, M. Alignment of CEBAF cryomodules 76709
Schneider-Hufschmidt, M. *see* Raffler, H. 64343
Schneider-Muntau, H.-J. *see* Bird, M.D. 83549
Schneider-Muntau, H.-J. *see* Jones, H. 83534
Schneider-Muntau, H.-J. *see* Miller, J.R. 82404
Schneider-Muntau, H.-J. *see* Van Bockstal, L. 83544
Schneider-Muntau, H.J. *see* Bird, M.D. 83547
Schneider-Muntau, H.J. *see* Boenig, H.J. 83537
Schneider-Muntau, H.J. *see* Brandt, B.L. 82507
Schneider-Muntau, H.J. *see* Brooks, J. 56282
Schneider-Muntau, H.J. *see* Campbell, L.J. 82503
Schneider-Muntau, H.J. *see* Campbell, L.J. 83552
Schneider-Muntau, H.J. *see* Crow, J.E. 72174
Schneider-Muntau, H.J. *see* Gao, B.J. 83548
Schneider-Muntau, H.J. *see* Pernambuco-Wise, P. 83553
Schneiderka, M. The recovery voltage as an indicator of cable insulation ageing 89282
Schneidewind, H. *see* Zakosarenko, V. 76167
Schneidmiller, E.A. *see* Saldin, E.L. 50889
Schneidmiller, E.A. *see* Saldin, E.L. 53099
Schneier, N. *see* Yokoyama, K. 97218
Schneir, J., McWaid, T., Vorburger, T.V. An instrument for calibrating atomic force microscope standards 86836
Schnekenburger, T., Huber, M. Heterogeneous partitioning in a workstation network 52163
Schnell, A. *see* Sommer, V. 56037
Schnell, R.D. *see* Bonani, F. 62888
Schnelle, H.R., Sees, H.O., Floyd, D.P. Integration of the AN/ALQ-131(V) electronic countermeasures pod on tactical aircraft using a MIL-STD-1553B interface 88919
Schnelle, T. *see* Fuhr, G. 57065
Schnelle, T. *see* Hagedorn, R. 100181
Schnelle, T. *see* Wagner, B. 60268
Schnettler, A. *see* Engel, K. 53789
Schnettler, A. *see* Follmer, B. 86989
Schnetzer, G.H. *see* Morris, M.E. 53812
Schnetzer, G.H. *see* Morris, M.E. 67947
Schnetzer, S. *see* Tesarek, R.J. 98504
Schnid, D. *see* Feldbusch, F. 80313
Schnieder, E. *see* Kiriczi, S. 54572
Schnieder, F. *see* Heymann, P. 80850
Schnier, D., Madej, A.A. Phase-mirror control in optical-feedback stabilized diode laser systems using transverse mode patterns of the locking resonator 50838
Schnier, T. *see* Liedtke, C.-E. 95681
Schnitzer, I. *see* Katz, M. 87247
Schnitzke, K. *see* Kuhrt, C. 50198
Schnizer, B. *see* Schopf, H. 57205
Schnopper, H.W. *see* Budtz-Jorgensen, C. 88033
Schnoring, T., Szafran, U. Telecommunications in Eastern Germany 85393
Schnoring, T. *see* Schmoch, U. 65122
Schnorr, C. Unique reconstruction of piecewise-smooth images by minimizing strictly convex nonquadratic functionals 64793
Schnure, W.K., Donnelly, P.J., Cebulka, K.D. New applications of advanced intelligent network technology 51989
Schnurpfeil, G. *see* Wohrle, D. 60472
Schnurr, L., Ask, F. European telecommunications – new dimensions 85493
Schober, R.C. *see* Pain, B. 66418
Schobinger, M., Noll, T.G. Low power CMOS design strategies 93595
Schobrem, T., Schmitt, H.-J. 3D simulation of the transmission channel for field strength prognosis in picocells 58310
Schoch, B., Jones, B.E., Franks, A. A simple technique for the manufacture of optical probes for scanning near-field optical microscopes 63374
Schoch, K.F., Jr. Update on electrically conductive polymers and their applications 61430
Schock, H.-W. *see* Hedstrom, J. 100487
Schock, H.-W. *see* Klenk, R. 79919
Schock, H.W. Solar cells based on $CuInSe_2$ and related compounds: recent progress in Europe 100556
Schock, H.W. *see* Dittrich, H. 100665
Schock, H.W. *see* Herberholz, R. 81264
Schock, H.W. *see* Kessler, J. 93006
Schock, H.W. *see* Kessler, J. 100654
Schock, H.W. *see* Klenk, R. 61354
Schock, H.W. *see* Menner, R. 62206
Schock, H.W. *see* Schaffler, R. 91604
Schock, H.W. *see* Walter, T. 90408
Schock, S.G., Leblanc, L.R., Panda, S. Spatial and temporal pulse design considerations for a marine sediment classification sonar 88808
Schodel, H. Utilization of fuzzy techniques in intelligent sensors 66272
Schodorf, J.B., Williams, D.B. Sensor-efficient angle of arrival estimation for constrained signals 73944
Schoeberl, M. *see* Redaelli, G. 77398
Schoechle, T.D. *see* Cruickshank, R.F. 85825
Schoemaker, M., Spener, F. Enzymatic flow-injection analysis for essential fatty acids 66515
Schoeman, J.J. *see* Badenhorst, M. 60583
Schoen, R.R., Habetler, T.G. Effects of time-varying loads on rotor fault detection in induction machines 68598
Schoenbach, K.H. *see* Weihua Jiang 54113
Schoenberg, J.S.H., Popovic, Z.B. Planar lens amplifier 92606
Schoendorf, W.H. *see* Clark, L.G. 58839
Schoene, G. *see* Saxton, L. 78955
Schoenecker, A. *see* Stryi-Hipp, G. 100475
Schoenfeld, D. *see* Fischer, V. 71194
Schoenfeld, O., Zhao, X., Hempel, T., Blaesing, J., Aoyagi, Y., Sugano, T. Formation of nanocrystallites in amorphous silicon thin films 92931
Schoeniech, B. *see* Adam, A. 88102
Schoeniger, J.S. *see* O'Dell, W.G. 98862
Schoenle, M., Fliege, N., Zoelzer, U. Parametric approximation of room impulse responses by multirate systems 77760
Schoenmakers, R.P.H.M., Wilkinson, G.G., Schouten, T.E. Use of Landsat TM image segmentation for smoothing ERS-1 SAR imagery in combined multi-sensor landscape classification 77631
Schoenung, S.M., Meier, W.R., Bieri, R.L. Small SMES technology and cost reduction estimates 78839
Schoenwald, J. *see* Hayward, T.L. 58790
Schoenwald, J.S., McCullough, E.D. Ultrasonic sensors for lunar and Earth resource processing and manufacturing 99315
Schoess, J. *see* Liu, D.T.H. 66408
Schoess, J.N., Zook, J.D., Burns, D.W. Resonant integrated micromachined (RIMS) acoustic sensor development 98062
Schoessow, P., Chojnacki, E., Gai, W., Ho, C., Konecny, R., Power, J., Rosing, M., Simpson, J. The Argonne Wakefield Accelerator—overview and status 76364
Schoessow, P., Ho, C., Power, J., Chojnacki, E. Control, timing, and data acquisition for the Argonne Wakefield Accelerator (AWA) 76330
Schoessow, P. *see* Gai, W. 72996
Schofthaler, M., Rau, U., Fussel, W., Werner, J.H. Optimization of the back contact geometry for high efficiency solar cells 100477
Schofthaler, M., Rau, U., Werner, J.H. Direct observation of a scaling effect on effective minority carrier lifetimes 81206
Schohe, K. *see* Kostka, A. 81418
Scholen, A. *see* Tellmann, N. 82230
Scholfield, J. *see* Williams, G.A. 69188
Scholl, C. *see* Molitor, P. 49273
Scholl, D., Everson, M.P., Jaklevic, R.C. In situ force calibration of high force constant atomic force microscope cantilevers 75908
Scholl, E., Pyragas, K., Cooper, D., Dottling, R. Tuning of semiconductor oscillators by chaos control 62640
Scholl, E. *see* Dottling, R. 62276
Scholl, E. *see* Kastrup, J. 81332
Scholl, E. *see* Quade, W. 62150
Scholl, E. *see* Quade, W. 92911
Scholl, E. *see* Schmolke, R. 63951
Scholl, E. *see* Wacker, A. 62676
Scholl, F. 10Base-F stretches the Ethernet backbone 97304
Scholl, G., Ruile, W., Russer, P.H. P-matrix modeling of transverse-mode coupled resonator filters 93818
Scholl, G. *see* Manner, O. 99324
Scholl, G. *see* Rheinfelder, C. 97078
Scholl, M. *see* Marquardt, E. 71107
Scholl, M. *see* Sollner, J. 61286
Scholl, M.S. Experimental verification of a star field identification algorithm 58824
Scholl, S. *see* Hommel, D. 72872
Scholl, S. *see* Waag, A. 71284
Schollenberger, W. A monitoring system for local area networks using distributed measurements 85535
Scholling, W. *see* Ripperger, A. 69550
Scholmann, J. *see* Schwille, W.J. 76785
Schols, J.L., Weinman, J.A., Kumagai, H. Microwave radiometric calibration of airborne weather radars under rain-free conditions over the ocean 77357

Scholten, J. Solution of complex optimisation problems exemplified by energy use planning 99624
Scholten, M. Fiber growth means smaller OTDRs 82531
Scholten, R.E., McClelland, J.J., Palm, E.C., Gavrin, A., Celotta, R.J. Nanostructure fabrication via direct writing with atoms focused in laser fields 71445
Scholtes, S. *see* Kuntz, L. 69763
Scholtz, A. *see* Weger, P. 75301
Scholtz, A.L. *see* Kudielka, K.H. 97248
Scholtz, A.L. *see* Neubert, W.M. 75388
Scholtz, R.A. *see* Wei-Chun Wang 97205
Scholz, A., Schroder, B., Oechsner, H. The saturation behaviour of metastable defect creation in a-Ge:H investigated by keV-electron irradiation 92968
Scholz, B. *see* Sekihara, K. 53377
Scholz, F. *see* Dickmann, J. 61936
Scholz, F. *see* Forstmann, G.G. 63821
Scholz, F. *see* Frankowsky, G. 54925
Scholz, F. *see* Harle, V. 55624
Scholz, F. *see* Meddeb, J. 79940
Scholz, J. *see* Heinrich-Goldner, E. 75072
Scholz, J.B. Performance of a real-time error probability estimator for binary modulations in the presence of noise, fading and interference 51291
Scholz, K.D. *see* Karnezos, M. 60966
Scholz, M.L. *see* Berry, P.E. 85277
Scholz, S.M., Morgenstern, M., Jacobi, K. On the structure and electronic properties of the GaAs(113)B surface 79798
Scholz, T. *see* Filtz, M. 67133
Scholze, A. *see* Herbst, W. 100541
Scholze, F. *see* Bavdaz, M. 67408
Scholze, F. *see* Schmiedeskamp, B. 56504
Schomburg, W.K. *see* Rapp, R. 60263
Schomer, D. *see* Veale, F.J., Jr. 60750
Schomer, E. Should the service life of nuclear power plants be limited for technical reasons? 60073
Schon, G. *see* Skjanes, J. 92999
Schon, J.H., Binder, G., Bucher, E. Performance and stability of some new high-temperature selective absorber systems based on metal/dielectric multilayers 90458
Schon, J.P. *see* Fouquet, R. 76263
Schonbeck, D. *see* Schnabb, F. 97613
Schonberger, R., Pruckl, A., Pechen, E.V., Anzin, V.B., Brunner, B., Renk, K.F. Narrow-band far-infrared interference filters with high-T_c superconducting reflectors 82796
Schone, W. *see* Golla, D. 56671
Schonecker, A. *see* Sawyer, W.D. 79762
Schonecker, A. *see* Sawyer, W.D. 100617
Schoneich, B. *see* Adam, A. 88087
Schoneich, B. *see* Adriani, O. 88023
Schoneman, G.K. 500-W zero-voltage-switched full-bridge two-quadrant power modulator 60339
Schoner, B. *see* Molloy, S. 97699
Schoner, H.-P. Piezo-electric motors and their applications 68660
Schonfeld, D. Optimal structuring elements for the morphological pattern restoration of binary images 64779
Schonfeld, D. *see* Chaarif-Chefchaouni, M. 73937
Schonfeld, D. *see* Charif-Chefchaouni, M. 85124
Schonfeld, D. *see* Charif-Chefchaouni, M. 85125
Schonfeld, D. *see* Kisacanin, B. 74332
Schonfeld, H. *see* Hausler, G. 50642
Schonfeld, J., Pirsch, P. Compact hardware realization for Hough based extraction of line segments in image sequences for vehicle guidance 78967
Schonfelder, A., Weisser, S., Esquivias, I., Ralston, J.D., Rosenzweig, J. Theoretical investigation of gain enhancements in strained $In_{0.35}Ga_{0.65}As/GaAs$ MQW lasers via p-doping 50857
Schonfelder, A., Weisser, S., Ralston, J.D., Rosenzweig, J. Differential gain, refractive index, and linewidth enhancement factor in high-speed GaAs-based MQW lasers: influence of strain and p-doping 83087
Schonfelder, A. *see* Weisser, S. 63859
Schonfelder, S. *see* Alber, T. 98500
Schoning, T. *see* Fill, E.E. 82922
Schonnagel, H. *see* Glas, P. 63686
Schonwetter, G. SMES solenoids with reduced stray field 78843
Schoof, H. *see* Haag, M. 65120
Schoofs, K., Goossens, G., De Man, H. Signal type optimisation in the design of time-multiplexed DSP architectures 49481
Schooley, L.C., Reagan, J.A. An advanced architecture for telesystems applications 74897
Schooneveld, D.van *see* van Schooneveld, D.
Schooneveld, E.M., Van Eijk, C.W.E., Van Klinken, J., Hoogduin, J.M., Sarro, P.M., van den Boogaard, A. A silicon strip readout system for a new electromagnetic polarimeter 88028
Schooneveld, E.M. *see* Hijzen, E.A. 88030
Schooneveld, E.M. *see* Hijzen, E.A. 88122
Schooneveld, E.M. *see* Hijzen, E.A. 98571
Schoonman, J. *see* Bath, A. 48983
Schoorens, H. *see* Berdai, M.N. 82257
Schoot, B.H.van der *see* van der Schoot, B.H.
Schootstra, G. *see* Steinbuch, M. 75784
Schopf, H., Lileg, K., Schnizer, B. Solution of the electric field integral equation for axisymmetric antenna systems by the Galerkin method 57205
Schopp, M. *see* Liebmann, R. 58510
Schopper, E., Baican, B. Hollow tracks of heavy ions in AgCl(Cd) detectors-contribution to the radial profile of the action of charged particles in solids 88075
Schops, G. Bandwidth-efficient modulation methods for the cable transmission of digital HDTV 58590
Schork, R. *see* Kinomura, A. 49832
Schormans, J., Pitts, J., Cuthbert, L. Exact fluid-flow analysis of single on/off source feeding an ATM buffer 74671
Schormans, J., Smith, R., Phillips, C., Pitts, J., Cuthbert, L. Performance evaluation of point to multi-point cell buffering in ATM network switches 64906
Schormans, J.A., Pitts, J., Williams, K., Cuthbert, L.G. Equivalent capacity for on/off sources in ATM 96155
Schorner, R. *see* Friedrichs, P. 82126
Schosser, A. *see* Brunner, S. 56374
Schosser, A. *see* Frank, W.F.X. 56408
Schosser, R. *see* Sneiderman, C. 88398
Schotanus, P., Micek, S.L., de Voigt, M.J.A., Wintraecken, Y., Bacelar, J.C., Vermeulen, P. A cryogenically cooled single-crystal BGO anti-Compton spectrometer 88324
Schotanus, P., Micek, S.L., de Voigt, M.J.A., Wintraecken, Y., Bacelar, J.C., Vermeulen, P. A cryogenically cooled single-crystal BGO anti-Compton spectrometer 98733
Schott, H. *see* Berg, H.P. 89458
Schott, J.R. *see* Xiaofan Feng 58826
Schott, J.U. Time resolving detector systems: charge coupled devices in studies of single particle events 88076
Schotten, H.-D. Large p-phase sequence-families for direct sequence code-multiplex systems [mobile radio] 65687
Schottler, R.M. Cooling of small SMES system with forced flow supercritical helium 93972
Schotzau, H.J., Kneubuhl, F.K. A new approach to high-power arc dynamics 54121
Schoukens, J., Guillaume, P., Pintelon, R. Generating piecewise-constant excitations with an arbitrary power spectrum 57471
Schoukens, J. *see* Beya, K. 78580
Schouten, F.A.van der Duyn *see* van der Duyn Schouten, F.A.
Schouten, J.C. *see* Kempson, V.C. 87892
Schouten, T.E. *see* Schoenmakers, R.P.H.M. 77631
Schowalter, L.J. *see* Weidan Li 54842
Schowalter, L.J. *see* Weidan Li 70040
Schowengerdt, R.A. *see* Filiberti, D.P. 84752
Schowengerdt, R.A. *see* White, R.G. 95640
Schrack, G., Wu, W., Xian Liu A fast distance approximation algorithm for encoded quadtree locations 79629
Schrack, G. *see* Kennedy, K. 95762
Schrader, C.B. *see* Roberson, D.J. 88550
Schrage, J. *see* Griese, E. 92686
Schram, E.J. *see* Ray-Chaudhuri, D.K. 61095
Schramm, C. *see* Umbach, A. 56021
Schramm, D. *see* Rogoff, R. 71516
Schramm, J.E., Babic, D.I., Hu, E.L., Bowers, J.E., Merz, J.L. Anisotropy control in the reactive ion etching of InP using oxygen in methane/hydrogen/argon 55823
Schramm, J.E., Mondry, M., Hu, E.L., Merz, J.L. Conductance transient characterization of reactive ion etched HEMT gate recesses 56019
Schrank, H., Herscovici, N. The shaped-beam polyrod antenna 51238
Schrank, H., Mahony, J.D. Approximations to the radiation resistance and directivity of circular-loop antennas 94988
Schrank, H., Praba, K. Optimal aperture for maximum edge-of-coverage (EOC) directivity 64246
Schraube, H. *see* Thomas, D.J. 67654
Schreck, H.G. *see* Al-Charchafchi, S.H. 92467
Schreck, H.G. *see* Guhler, U. 96943
Schreck, J. *see* Dunn, C. 61695
Schreck, M., Hessmer, R., Geier, S., Rauschenbach, B., Stritzker, B. Structural characterization of diamond films grown epitaxially on silicon 69934
Schreck, M. *see* Hessmer, R. 82116
Schreck, R.M. *see* Lee, P.S. 98855
Schreck, S.G. *see* Plemons, T.D. 77070
Schreft, T., Schmidts, H.F., Fidler, J., Kronmuller, H. Nucleation fields and grain boundaries in hard magnetic materials 50174
Schrefler, B.A. *see* Turska, E. 48826
Schrei, A. Space diversity and polarisation diversity enhance the performance of a 5.8 GHz radio link for traffic management systems 86074
Schreiber, H. *see* Schwider, J. 50543
Schreiber, H.-U. *see* Wieczorek, K. 81822
Schreiber, H.G. *see* Kiemle, C. 77403
Schreiber, S. *see* Muckenhoff, K. 77031
Schreiber, U. *see* Bilger, H.R. 88746
Schreier, G. *see* Roth, A. 77716
Schreier, R. On the use of chaos to reduce idle-channel tones in delta-sigma modulators 80195
Schreiter, R. *see* Meister, T.F. 62964
Schreiter-Gasser, U., Gasser, T., Ziegler, P. Quantitative EEG analysis in early onset Alzheimer's disease: correlations with severity, clinical characteristics, visual EEG and CCT 53428
Schreiter-Gasser, U. *see* Besthorn, C. 59383
Schrempel, M. *see* Mollmann, K. 63754
Schrempp, W., Boinghoff, A., Bruderie, E., Kaffer, L., Wullstein, P. ROSAT flight experience with H/W-degradations and S/W-recovery measures 59477
Schreutelkamp, R. *see* Verhaverbeke, S. 62494
Schreyer, H., Bohm, H.-D.V., Svedevall, B. Integrated helmet system with image intensifier tubes 99090
Schreyer, O. *see* Maass, H. 52376
Schreyer, O. *see* Maass, H. 52381
Schriber, S.O. *see* Jason, A.J. 87950
Schrijver, A. *see* de Graaf, M. 54678
Schrijver, A. *see* McDiarmid, C. 48769
Schrijver, B. *see* Bisseling, H. 96859
Schrijver, E.de *see* de Schrijver, E.
Schrimpf, R.D., Kosier, S.I., Salik, B., Galloway, K.F., Wheatley, C.F., Jr., Burton, D.J. High-voltage termination-structure design using a test chip and two-dimensional simulation 50069
Schrimpf, R.D. *see* Johnson, G.H. 71643
Schrimpf, R.D. *see* Khosropour, P. 71649
Schrimpf, R.D. *see* Kosier, S.L. 56054
Schrimpf, R.D. *see* Kosier, S.L. 62943
Schrimpf, R.D. *see* Lee, S.C. 56109
Schrimpf, R.D. *see* Parks, H.G. 56072
Schrimpf, R.D. *see* Parks, H.G. 82067
Schrimpf, R.D. *see* Teowee, G. 56133
Schrock, R.R. *see* Samuel, I.D.W. 83291
Schroder, B. *see* Herbst, W. 100541
Schroder, B. *see* Scholz, A. 92968
Schroder, C. *see* Dreschler-Fischer, L. 77667
Schroder, D. SCPI — new IEC/IEEE-bus command language 85620
Schroder, D. Modeling and CAE for power electronic topologies 90200
Schroder, D. *see* Lainer, K. 87341
Schroder, D. *see* Metzner, D. 93298
Schroder, D. *see* Sastry, V.V. 80091
Schroder, D.K. *see* Balster, S.G. 100616
Schroder, D.K. *see* Hwang, I.G. 100633
Schroder, D.K. *see* Ku, P.S. 81373
Schroder, D.K. *see* Reyes, A.C. 80869
Schroder, E.F., Spille, J. The MPEG-2 standard: generic coding for motion pictures and associated audio information. 4. Audio coding 86804
Schroder, G. *see* Dimolitsas, S. 95319
Schroder, H. *see* Lang, R. 55313
Schroder, H. *see* Lenders, P.M. 95862
Schroder, H. *see* Tan, B.T. 57433
Schroder, N. *see* Dudok, E. 57240
Schroder, O., Schmitz, T. Can a personal dosemeter for neutron radiation based on a semiconductor chip match the new ICRP recommendations 88616
Schroder, P., Gortler, S.J., Cohen, M.F., Hanrahan, P. Wavelet projections for radiosity 64768
Schroder, R. *see* Bauch, A. 86859
Schroder, T., Boller, K.-J., Fix, A., Wallenstein, R. Spectral properties and numerical modelling of a critically phase-matched nanosecond LiB_3O_5 optical parametric oscillator 56872
Schroder, U. *see* Borsi, H. 63097
Schroderus, L. *see* Saranen, J. 69885
Schroeder, D. *see* Oswald, B. 89319
Schroeder, D.L. *see* Kory, C.L. 62126
Schroeder, D.R., Rexing, L.J. Multichip modules utilizing low temperature cofired ceramic interconnection technology 79360
Schroeder, J. *see* Bock, B. 53325
Schroeder, J. *see* Tallak, S. 95317
Schroeder, J.A. *see* Churnside, J.H. 88780
Schroeder, J.B. *see* Davison, J. 77174
Schroeder, W., Borkes, J., Bertenburg, R., Wolff, I. Boundary-integral evaluation analysis of a novel monolithic CPW/TFMS 3-dB quadrature hybrid 80843
Schroeder, W., Wolff, I. The origin of spurious modes in numerical solutions of electromagnetic field eigenvalue problems 57042
Schroedl, M., Weinmeier, P. Sensorless control of reluctance machines at arbitrary operating conditions including standstill 60522
Schroeter, P. *see* Ayer, S. 57791
Schroeter-Janssen, H. *see* Kaiser, R. 56593
Schroeter-Janssen, H. *see* Kaiser, R. 86348
Schroff, N., Schwartz, M. Video modeling within networks using deterministic smoothing at the source 66037
Schrogl, K.-U. The new structure of the ITU: Responses to rapid technological and political change 96347
Schrom, G. *see* Strasser, E. 49880
Schropp, I. *see* Fisscherauer, G. 93844
Schropp, R. *see* Iwaniczko, E. 90443
Schropp, R.E.I., von der Linden, M.B., Daey Ouwens, J., de Gooijer, H. Apparent "gettering" of the Staebler-Wronski effect in amorphous silicon solar cells 100599
Schroter, W. *see* Apel, M. 81415
Schroter, W. *see* Zozime, A. 81183
Schroth, A. *see* Gerlach, G. 58675
Schroth, A. *see* Sager, K. 58697
Schrottmayer, D. *see* Nicolics, J. 60915
Schruben, L.W. *see* Duenyas, I. 90938

Schryer, N.L. *see* Benvenuti, A. 62723
Schryver, F.C.De *see* De Schryver, F.C.
Schteinberg, A.L. *see* Groznetskii, B.N. 51477
Schubert, A. *see* Gabler, A.R. 67416
Schubert, D. *see* Buchholz, F.-I. 86938
Schubert, D. *see* Buchholz, F.-I. 87494
Schubert, D. *see* Rindelhardt, U. 60133
Schubert, E.F., Hunt, N.E.J., Micovic, M., Malik, R.J., Sivco, D.L., Cho, A.Y., Zydzik, G.J. Highly efficient light-emitting diodes with microcavities 82835
Schubert, E.F., Hunt, N.E.J., Sivco, D.L., Cho, A.Y. Resonant-cavity light-emitting diodes 50689
Schubert, E.F., Passlack, M., Hong, M., Manners, J., Opila, R.L., Pfeiffer, L.N., West, K.W., Bethea, C.G., Zydzik, G.J. Properties of Al_2O_3 optical coatings on GaAs produced by oxidation of epitaxial AlAs/GaAs films 56511
Schubert, E.F., Pfeiffer, L., West, K.W., Luftman, H.S., Zydzik, G.J. Si δ-doping of (011)-oriented GaAs and $Al_xGa_{1-x}As$ grown by molecular-beam epitaxy 49851
Schubert, E.F. *see* Hunt, N.E.J. 63604
Schubert, E.F. *see* Passlack, M. 56091
Schubert, J. *see* Glyantsev, V.N. 56248
Schubert, J. *see* Herrmann, K. 93937
Schubert, J. *see* Kunkel, G. 56254
Schubert, J. *see* Kunkel, G. 93938
Schubert, J. *see* Lemke, D. 66417
Schubert, R. Sensor for plasma density profile measurement in magnetic fusion machine 58687
Schubert, R. *see* Heide, P. 87168
Schubert, R. *see* Pommert, A. 84628
Schubert, R. *see* Schiemann, T. 57684
Schubert, T. *see* Arora, T. 55307
Schubert, U. *see* Knobloch, J. 100470
Schubert, W.K. Multicrystalline silicon solar cells: gettering optimization and characterization 100643
Schubert, W.K. *see* Basore, P.A. 100563
Schubert, W.K. *see* Gee, J.M. 100469
Schubert, W.K. *see* Khattak, C.P. 92926
Schubert, W.K. *see* Ruby, D.S. 100632
Schubert-Alshuth, E. *see* Bonacker, M. 98754
Schubring, N.W. *see* Catalan, A.B. 80901
Schuch, B. Flexible printed circuits carrying electronic components 55474
Schuch, R. *see* Carlberg, C. 88261
Schuchlenz, W.H. *see* Biro, O. 90652
Schuda, S.J. *see* Wiley, J.N. 81695
Schuda, S.J. *see* Zurbrick, L.S. 71475
Schuegraf, K.F., Chenming Hu Hole injection SiO_2 breakdown model for very low voltage lifetime extrapolation 55861
Schuegraf, K.F., Chenming Hu Reliability of thin SiO_2 56096
Schuegraf, K.F., Chenming Hu Effects of temperature and defects on breakdown lifetime of thin SiO_2 at very low voltages 62777
Schuegraf, K.F., Chenming Hu Effects of temperature and defects on breakdown lifetime of thin SiO_2 at very low voltages 71659
Schuegraf, K.F., Chenming Hu Oxide breakdown model for very low voltages 71819
Schuegraf, K.F., Chenming Hu Metal-oxide-semiconductor field-effect-transistor substrate current during Fowler-Nordheim tunneling stress and silicon-dioxide reliability 93380
Schueler, J.K., Min-Wen Wang Spatially-variable fertilizer and pesticide application with GPS and DGPS 100974
Schuenemann, K. *see* Abou-Elnour, A. 81327
Schueren, J.C. *see* Storey, B.A. 67692
Schuermeyer, F. *see* Martinez, E. 55991
Schuessler, H.W. *see* Reng, R.L. 80451
Schuessler, P.W. *see* Parker, D.E. 88904
Schuette, M.A., Barr, J.R. Embedded systems design for low energy consumption 93656
Schuh, M.J., Woo, A.C., Simon, M.P. The monostatic/bistatic approximation 97376
Schuhl, A., Durand, O., Childress, J.R., George, J.-M., Pereira, L.G. Epitaxial spin-valve structures for ultra-low-field detection 75946
Schuhrke, T. *see* Ullmann, J. 71077
Schukat-Talamazzini, E. *see* Micca, G. 64335
Schukat-Talamazzini, E.G., Bielecki, M., Niemann, H., Kuhn, T., Rieck, S. A non-metrical space search algorithm for fast Gaussian vector quantization 84123
Schukeilo, I.A. *see* Dolinsky, A.V. 87852
Schukin, V.G. *see* Martin, J.F. 88359
Schulden, W. *see* Wu, C. 54160
Schule, J. *see* Lusse, P. 51175
Schule, V. *see* Vogel, A. 66253
Schuler, D.L., Lee, J.S. Polarimetric radar techniques for the measurement of ocean wave spectra 67876
Schuler, J.J., Felippa, C.A. Superconducting axisymmetric finite elements based on a gauged potential variational principle. I. Formulation 82340
Schuler, J.J., Felippa, C.A. Superconducting axisymmetric finite elements based on a gauged potential variational principle. II. Solution and numerical results 82341
Schull, K. *see* Hommel, D. 72872
Schullatz, P. *see* Zhou, X.Q. 62187
Schuller, G. *see* Warning, D. 80154
Schuller, I.K. *see* Gilabert, A. 56271
Schuller, J.C.H. *see* Brinkman, J.L. 79225
Schuller, K.H. *see* Cord, B. 50294
Schulman, J.N. *see* Chow, D.H. 55619
Schulman, M.B., Bindas, J.A. Evaluation of AC axial magnetic fields needed to prevent anode spots in vacuum arcs between opening contacts 68887
Schulmeyer, B. *see* Lubitz, K. 67928
Schulte, D.J. *see* Philpott, R.A. 49573
Schulte, H., Bossler, J., Schennach, S., Wolf, B. 14 GHz ECR operating and development at GSI 53157
Schulte, M.J., Swartzlander, E.E., Jr. Hardware designs for exactly rounded elementary functions 71789
Schulte, M.J., Swartzlander, E.E., Jr. A variable-precision interval arithmetic processor 80391
Schulte, W.H. *see* Bogaert, G. 59020
Schulte, W.H. *see* Greife, U. 98550
Schulteis, J. *see* Feng, X. 64534
Schultes, G. *see* Weger, P. 75301
Schultheis, D.M. *see* Barron, R.R. 97406
Schultheiss, P.M. *see* Godara, L.C. 84414
Schultheiss, P.M. *see* Messer, H. 74100
Schultheiss, P.M. *see* Zeira, A. 64423
Schulthess, P. *see* Froitzheim, K. 52235
Schulting, L., Posluszny, M., Platek, T. Four-level DC to DC converter for high-voltage applications 78703
Schultz, A. *see* Bachmann, C.M. 57858
Schultz, A. *see* Bousetta, A. 70145
Schultz, C., von der Emde, M., Zahn, D.R.T. Electrical in situ characterisation of c-CdS/InP(110) heterostructures 93044
Schultz, D. *see* Abe, K. 88115
Schultz, D. *see* Antilogus, P. 59064
Schultz, D. *see* Antilogus, P. 59127
Schultz, D. *see* Saez, P. 71024
Schultz, D.C. *see* Clendenin, J.E. 76743
Schultz, D.C. *see* Garden, C.L. 71026
Schultz, D.C. *see* Tang, H. 71025
Schultz, D.C. *see* Yeremian, A.D. 76724
Schultz, H.B., Wyschogrod, D., Harman, W.H., Sasiela, R.J., Bush, R.W. Target detection using radar images of an airport surface 77204
Schultz, H.B. *see* Harman, W.H. 77203
Schultz, H.B. *see* Wyschogrod, D. 77207
Schultz, J.H., Chaniotakis, E., Pillsbury, R.D., Jr., Wang, P.W., Citrolo, J., Newmeyer, C., Chaplin, M., Hassenzahl, W.V. Superconducting magnet protection system for the Tokamak Physics Experiment 89348
Schultz, J.H. *see* Hassenzahl, W.V. 82468
Schultz, K.I., Kocher, D.G., Daley, J.A., Theriault, J.R., Spinks, J., Fisher, S. Satellite vibration measurements with an autodyne CO_2 laser radar 53550
Schultz, K.J., Gulak, P.G. Throttled-buffer asynchronous switch for ATM 52275
Schultz, L. *see* Helmolt, R.v. 50204
Schultz, L. *see* Kuhrt, C. 50198
Schultz, L. *see* Murillo, N. 50209
Schultz, M.D., Kryder, M.H., Sekiya, M., Chiba, K. True direct overwrite in single layer magneto-optic recording 50603
Schultz, M.J. Simulation in support of GPS quality assurance 75674
Schultz, P. *see* Dijkhuis, H. 79496
Schultz, R. *see* Bailey, M. 77775
Schultz, R.R., Stevenson, R.L. A Bayesian approach to image expansion for improved definition 64729
Schultz, R.R. *see* Seung-Jin Choi 64660
Schultz, S., Smith, D.R., Kroll, N. Photonic band gap resonators for high energy accelerators 76356
Schultz, S. *see* Meyerson, B.S. 79820
Schultz, T. *see* Borer, K. 53347
Schultz, W. *see* Schutz, A. 99735
Schultz, W.L. *see* Evans, H.L. 62991
Schultz von Dratzig, A., Siedling, R., Haub, A. A favourably priced solution for FE calculation 67280
Schultz-Coulon, H.-C. *see* Schwille, W.J. 76785
Schultze, R. *see* Draber, S. 98896
Schulz, C. *see* Abbott, M. 70473
Schulz, D., Glingener, C., Voges, E. Novel generalized finite-difference beam propagation method 63474
Schulz, H. *see* Tellmann, N. 82230
Schulz, J. *see* Golan, S. 53880
Schulz, K.J. *see* Johnson, K.E. 50290
Schulz, M. *see* Edwards, F. 74885
Schulz, M. *see* Kato, Y. 50730
Schulz, M.F. *see* Parameswaran, S. 91776
Schulz, N.N., Wollenberg, B.F., Beuning, S.J. Utility operations switching process: review, results and improvements 89072
Schulz, R. *see* Munzel, N. 81617
Schulz, R.J. *see* Maryanski, M.J. 88614
Schulz, R.P. *see* Messina, M.J. 78204
Schulz, R.R., Zeyedt, H.M., Stevenson, R.L., Minniti, R.J., Bernstein, C.H. ASIC design for robust signal and image processing 49568
Schulz, S.E., Hintze, B., Grunewald, W., Hofmann, A. Influence of wafer preclean before selective tungsten CVD on surface properties of interconnect and intermetal dielectric materials 91642
Schulz, T., Feick, H., Fretwurst, E., Lindstrom, G., Moll, M., Mahlmann, K.H. Long term reverse annealing in silicon detectors 88105
Schulz, T. *see* Bates, S.J. 53308
Schulz, T. *see* Feick, H. 98611
Schulz-Gerchow *see* Fichter, D. 78906
Schulz-von der Gathen, V. *see* Spaan, M. 63673
Schulze, A. *see* Dietrich, E. 61002
Schulze, C. *see* Thompson, A.C. 88381
Schulze, D. *see* Andree, W. 90648
Schulze, D. *see* Jurgens, R. 90693
Schulze, D. *see* Kraak, W. 71162
Schulze, H.-J. *see* Mitlehner, H. 81853
Schulze, K. Equipment for the automatic electronic registration of "airplays" and commercial spots 75703
Schulze, K.H. *see* Johnson, D.W. 89558
Schulze, M. *see* Farrell, C.A. 91302
Schulze, M.A., Pearce, J.A. A new method for quantifying the response of filters at corners 64623
Schulze, M.A., Pearce, J.A. Linear combinations of morphological operators: the midrange, pseudomedian, and LOCO filters 84954
Schulze, P. *see* Keck, R. 59846
Schulze, S. *see* Floter, A. 79859
Schulze-Buxloh, K. *see* Becker, H. 58315
Schulze-Kremer, S. Genetic algorithms for protein tertiary structure prediction 54703
Schulze-Zachau, W. *see* Hagemann, K. 99794
Schulzrinne, H., Kurose, J., Towsley, D. An evaluation of scheduling mechanisms for providing best-effort real-time communications in wide-area networks 65334
Schulzrinne, H. *see* Ramjee, R. 65277
Schumacher, B. Automated quantum Hall resistance standard 86914
Schumacher, B. *see* Melcher, J. 86821
Schumacher, B. *see* Pesel, E. 87426
Schumacher, B. *see* Wood, B.M. 80513
Schumacher, E. *see* Schneider, J. 61918
Schumacher, F. *see* Rashid, E. 92286
Schumacher, H., Erben, U., Gruhle, A. Low-noise performance of SiGe heterojunction bipolar transistors 81844
Schumacher, H., Erben, U., Gruhle, A. Low-noise performance of SiGe heterojunction bipolar transistors 92530
Schumacher, J.D. *see* Liu, A.K. 67846
Schumacher, K. *see* Brass, E. 82671
Schumacher, M., Pietsch, G., Bauschke, S. Time resolved analysis of arc radiation using thermopiles 90279
Schumacher, M. *see* Voinigescu, S. 62220
Schumacher, R. *see* DeHope, W. 62122
Schumacher, R. *see* DeHope, W. 92901
Schumacher, W. *see* Kiel, E. 54182
Schumann, C., Sapov, G. Communications in the Russian far east 96327
Schumann, F., Schumann, W. Reliability planning in industrial practice. On reliable planning in the conception and definition phase of maintainable products 61001
Schumann, G. *see* Blackford, D.B. 98344
Schumann, J. *see* Gladun, C. 92982
Schumann, W. *see* Schumann, F. 61001
Schumm, B. *see* Shapiro, G. 76455
Schunck, J.P. *see* Fontaine, J.Ch. 88086
Schunk, D. Installation tools for LONs (local operating networks) 96669
Schuppen, A., Gruhle, A., Kibbel, H., Erben, U., Konig, U. SiGe-HBTs with high f_T at moderate current densities 70869
Schuppen, A., Marso, M., Luth, H. Overgrown silicon PBT's: calculations and measurements 55403
Schuppert, B. *see* Fischer, U. 82638
Schuppert, B. *see* Meier, T. 82695
Schuppert, B. *see* Schmidtchen, J. 63473
Schur, K. *see* Hopper, D.G. 77161
Schuricht, M. *see* Krause, K. 65443
Schurmann, B., Altmeyer, A., Schutze, M. On modeling top-down VLSI design 91836
Schurmann, B. *see* Altmeyer, J. 91851
Schurmann, G. The evolution from open systems interconnection (OSI) to open distributed processing (ODP) 96755
Schurmann, G. *see* Hofrichter, K. 96570
Schurmann, M. Preparation of an experiment to investigate nonlinear beam dynamics at the storage ring DELTA 66920
Schurr, A. *see* Dickmann, J. 56034
Schurr, J. *see* Walesch, H. 86976
Schusler, M. *see* Krozer, V. 92533
Schuster, A. *see* Kersch, A. 93110
Schuster, G.B. *see* Tarkka, R.M. 64007
Schuster, H.G. *see* Molgedey, L. 64456
Schuster, J.P. *see* Ty-Cheng Lin 87157
Schuster, K.-F. *see* Harris, A.I. 97505
Schuster, N.P. *see* Schiel, L. 60288
Schuster, R., Ernst, G., Ensslin, K., Entin, M., Holland, M., Bohm, G., Klein, W. Experimental characterization of electron trajectories in antidot lattices 92995
Schuster, S.E. *see* Shahidi, G.G. 92195
Schut, H. *see* Seijbel, L.J. 83518
Schutt, J. A practical approach to test surface mount components 49700
Schutt, P. Computer-aided design of electronic equipment 94859

Schutt, T., Sandvoss, J., Steinmetz, R. XTP and multimedia? 96377
Schutt-Aine, J.E. *see* Kyung Suk Oh 73444
Schutte, F., Bachmann, T. Packet radio system for traffic operation 75186
Schutte, G. *see* Bertagnolli, E. 71612
Schutte, H. *see* Stojanoff, C.G. 57019
Schutte, H.-D. *see* de Bot, P.G.M. 97550
Schutte, T. The influence of the molecular packing on electrical breakdown strength of liquids 82130
Schutz, A., Schultz, W. Water absorption and the influence of moisture on the dielectric properties of glass fibre reinforced polymers 99735
Schutz, B.F. *see* Dhurandhar, S.V. 84252
Schutz, H. *see* Gale, M.T. 63528
Schutz, J. A 3.3V 0.6 μm BiCMOS superscalar microprocessor 92282
Schutz, J., Onishchukov, G.I., Hodel, W., Weber, H.P. Experiments on the co-propagation of ultra-short pulses with continuous wave radiation through optical fibres 82600
Schutz, P. *see* Schwille, W.J. 76785
Schutz, R.J. *see* Anderson, V.L. 79477
Schutz, Y. *see* Aminian, K. 98757
Schutze, H. Distributed syntactic representations with an application to part-of-speech tagging 64375
Schutze, H. *see* Ren, Z. 64551
Schutze, H. *see* Ren, Z. 95462
Schutze, M. *see* Schurmann, B. 91836
Schutzenberger, C. An electronic, on-line database for quantitative environmental assessment of new designs 79256
Schuurmans, F.M. *see* Weeber, A.W. 81491
Schuy, L. *see* Althainz, P. 52966
Schwaab, G.W. *see* Hubers, H.-W. 49652
Schwab, A. *see* Kunz, S. 94856
Schwab, A.J. *see* Imo, F. 77803
Schwab, A.J. *see* Miller, J. 94747
Schwab, D.J. *see* Techentin, R.W. 79342
Schwab, E.C. *see* DeGroot, J. 95249
Schwab, E.C. *see* Schwartz, A.L. 96518
Schwab, G. An architecture for the management of public communication services 85553
Schwab, M.J., Johnson, R.W. Numerical design method for improving gas distribution within electrostatic precipitators 89599
Schwab, P. *see* Lang, W. 63302
Schwab, W., Boegelsack, F., Menzel, W. Multilayer suspended stripline and coplanar line filters 70844
Schwab, W., Menzel, W. Full wave design of multi-hole back-to-back microstrip couplers 80630
Schwabe, R. *see* Becher, S. 70059
Schwabe, R. *see* Becher, S. 91506
Schwalm, D. *see* Grieser, M. 76310
Schwalm, D. *see* Hochadel, B. 53103
Schwalm, R., Binder, H., Fischer, T., Funhoff, D., Goethals, M., Grassmann, A., Moritz, H., Paniez, P., Reuhman-Huisken, M., Vinet, F., Dijkstra, H., Krause, A. A robust and environmentally stable deep UV positive resist: optimisation of SUCCESS ST2 81613
Schwan, H.P. *see* Moussavi, M. 53436
Schwandt, H. An interval arithmetic domain decomposition method for a class of elliptic PDEs on nonrectangular domains 69880
Schwandt, P. *see* Anderson, D. 87831
Schwandt, P. *see* Blinov, B.B. 87861
Schwandt, P. *see* Wedekind, M. 76732
Schwank, J.R. *see* Warren, W.L. 62330
Schwank, J.R. *see* Warren, W.L. 93078
Schwank, J.W. *see* Johnson, C.L. 66575
Schwank, J.W. *see* Najafi, N. 98141
Schwanke, A. *see* Gries, G. 85996
Schwanke, J., Brendel, T., Jensch, P., Megnet, R. Recognition of plant-parts with problem-specific algorithms 74383
Schwark, J.M. *see* Bard, J.K. 91046
Schwarloze, A. *see* Sauermann, K. 90581
Schwarte, R. *see* Heide, P. 87168
Schwartsglass, O. *see* Berger, M. 71243
Schwartz, A.L., Schwab, E.C. Improving menu design for the Rapid Order audiotext system using cluster analysis 96518
Schwartz, A.L. *see* Shahruz, S.M. 54760
Schwartz, A.L. *see* Shahruz, S.M. 69871
Schwartz, B. *see* Lorenz, E. 53294
Schwartz, E. *see* Landau, P. 74467
Schwartz, E.L., Boliek, M., Allen, J.D., Bednash, D. Superscaler Huffman decoder hardware design 65481
Schwartz, E.L. *see* Wallace, R.S. 95727
Schwartz, H. *see* Kim, Q. 70493
Schwartz, H.R. *see* Nichols, D.K. 71551
Schwartz, J., Heuer, J.K., Goretta, K.C., Poeppel, R.B., Guo, J., Raban, G.W., Jr. High temperature mechanical properties and high strength sheaths for powder-in-tube tapes 63278
Schwartz, J. *see* Domash, L. 56322
Schwartz, J. *see* Eichler, H.J. 72761
Schwartz, J. *see* Hill, J.L. 83559
Schwartz, M. *see* Ghani, S. 74674
Schwartz, M. *see* Schaal, M. 89650
Schwartz, M. *see* Schroff, N. 66037
Schwartz, M. *see* Skelly, P. 64952
Schwartz, P.R. *see* Thacker, D.L. 88772
Schwartz, P.V., Sturm, J.C. Oxygen incorporation during low temperature chemical vapor deposition growth of epitaxial silicon films 54822
Schwartz, R. Precision determination of adsorption layers on stainless steel mass standards by mass comparison and ellipsometry. I. Adsorption isotherms in air 86956
Schwartz, R. Precision determination of adsorption layers on stainless steel mass standards by mass comparison and ellipsometry. II. Sorption phenomena in vacuum 86966
Schwartz, R. *see* Bates, M. 73858
Schwartz, R. *see* Placeway, P. 73838
Schwartz, R. *see* Zavaliagkos, G. 73811
Schwartz, R.B., Eisenhauer, C.M. Test of a neutron spectrometer in NIST standard fields 88263
Schwartz, R.J. *see* Giles, F.P. 98280
Schwartz, R.J. *see* Kim, J.C. 100695
Schwartz, R.W., Dimos, D., Lockwood, S.J., Torres, V.M. Preparation and properties of sol-gel derived PZT thin films for decoupling capacitor applications 50130
Schwartz, R.W. *see* Dimes, D. 82529
Schwartz, R.W. *see* Tuttle, B.A. 56120
Schwartz, S.C. *see* Karol, M.J. 65407
Schwartzman, A.F. *see* Stevens, K.S. 54861
Schwarz, A.J., Blundell, B.G. Considerations for accurate voxel positioning on a rotating-screen volumetric display system 98217
Schwarz, A.J., Blundell, B.G. Regions of extreme image distortion in rotating-screen volumetric display systems 98218
Schwarz, A.S. Heavy flavour physics at colliders with silicon strip vertex detectors 53311
Schwarz, E., Vogel, H. Digital audio broadcasting (DAB): basics and introduction strategy 58542
Schwarz, H. *see* Clemens, D. 99508
Schwarz, H.D., Bell, R.A., Hodgson, J.A., Judkins, J.G., Ko, K., Kroll, N., Ng, C.K., Pendleton, R.P., Skarpaas, K., Lambertson, G., Rimmer, R., deJong, M.S., Tran-Ngoc, T., Adams, F.P., Lipsett, M.G., Mellors, W. Design of a high-power test model of the PEP-II RF cavity 67134
Schwarz, J. Interconnected system operation in Germany after 1945 68122
Schwarz, J.A. *see* Patrinos, A.J. 62526
Schwarz, K. *see* Fillunger, H. 82344
Schwarz, K. *see* Reng, R.L. 80451
Schwarz, K.P., Wei, M., Van Gelderen, M. Aided versus embedded—a comparison of two approaches to GPS/INS integration 65964
Schwarz, M. Fine pitch process considerations related to solder paste 92787
Schwarz, R. An introduction to linear recursive sequences in spread spectrum systems 95156
Schwarz, R. An introduction to linear recursive sequences in spread spectrum systems 97121
Schwarz, R. *see* Koynov, S. 79899
Schwarz, R. *see* Laasch, M. 69915
Schwarz, R. *see* Ostendorf, H.-C. 100536
Schwarz, S. *see* Carlberg, C. 88261
Schwarz, S.A. Novel applications of secondary ion mass spectrometry in optoelectronic materials studies 50698
Schwarz, S.A. *see* Aspnes, D.E. 61295
Schwarz, S.A. *see* Bhat, R. 71603
Schwarz, S.A. *see* Palmstrom, C.J. 61276
Schwarz, S.E. *see* Prouty, M.D. 94914
Schwarz, T. *see* Carlberg, C. 88261
Schwarzbauer, H. *see* Fiegl, B. 69575
Schwarzbauer, H. *see* Fiegl, B. 79366
Schwarzbauer, H. *see* Fiegl, B. 79383
Schwarzbek, S. *see* Yokoyama, K. 97218
Schwarzblat, M. *see* Smith, J.E. 68407
Schwebel, C. *see* Mosleh, N. 61391
Schwederski, T. *see* Buchner, T. 49470
Schwedler, R. *see* Kersting, R. 94476
Schweeger, G., Lang, C., Fricke, K., Hartnagel, H.L., Dolt, R., Hohenberg, G. Active GaAs sensor element for dynamic pressure measurements 75960
Schweer, R. *see* Gillies, D. 80501
Schwegler, T. *see* Mahn, J. 79331
Schweiger, F. Comparison of turbine parameters 53963
Schweikard, A., Tombropoulos, R., Kavraki, L., Adler, J.R., Latombe, J.-C. Treatment planning for a radiosurgical system with general kinematics 98945
Schweikert, K. *see* Heller, R. 82483
Schweikhard, L. *see* Carlberg, C. 88261
Schweinfurth, R.A. *see* Kruse, J. 98286
Schweitz, J.-A. *see* Hjort, K. 52807
Schweitz, J.A. *see* Bexell, M. 68662
Schweitzer, E.O., III., Zocholl, S.E. Aspects of overcurrent protection for feeders and motors 68630
Schweitzer, F.C. *see* Prager, T.C. 98897
Schweitzer, G. *see* Bleuler, H. 57056
Schweitzer, J.S. *see* Dorenbos, P. 98635
Schweitzer, M. *see* English, M.R. 89057
Schweitzer, M. *see* Schwille, W.J. 76785
Schweizer, H. *see* Forstmann, G.G. 63821
Schweizer, H. *see* Hase, A. 56790
Schweizer, H.P. *see* Krames, M.R. 56767
Schweizer, T. *see* Heine, F. 72763
Schweizer-Berberich, P.-M., Vaihinger, S., Gopel, W. Characterisation of food freshness with sensor arrays 58884
Schwelb, O. *see* Hui Zhang 63463
Schwelb, O. *see* Milczarek, E. 94139
Schwemling, P. *see* Dell'Acqua, A. 98680
Schwendtner, M. Data communication with electric metering apparatus 89391
Schwene, M. *see* Keller, J. 75358
Schwenk, A.J. *see* Liu, J. 48772
Schwenterly, S.W. *see* Lue, J.W. 82479
Schweppe, E.-G., Bachmor, R., Demmel, E. Design and results of a 1.3 MW CW klystron for LEP 62096
Schwer, D.A. *see* Venkateswaran, S. 53520
Schwerdtfeger, C.R. *see* Ciszek, T.F. 100614
Schwerdtfeger, C.R. *see* Wang, T.H. 90411
Schwerdtfeger, K. *see* Bruckner, F.-U. 48904
Schwerdtfeger, M. *see* Aboudihab, I. 66348
Schwerin, A., Bergner, W., Jacobs, H. Self-consistent simulation of hot-carrier damage enhanced gate induced drain leakage 62820
Schwerin, A. *see* Brox, M. 71656
Schwerin, A.von *see* von Schwerin, A.
Schwerz, H., Hudasch, M. Optical current transformers—successful first field test in a 380 kV system 60279
Schwettman, A. *see* Marziali, A. 66809
Schwettman, H.A. *see* Chui, H.C. 63993
Schwettman, H.A. *see* Xu, Z. 94603
Schwider, J., Haselbeck, S., Schreiber, H., Sickinger, H., Falkenstorfer, O., Lindlein, N., Zoller, A., Haidner, H., Kipfer, P., Heissmeier, M., Keinonen, T., Sheridan, J.T., Brinkmann, S., Streibl, N. Production and control of refractive and diffractive microlenses 50543
Schwider, J. *see* Sickinger, H. 82677
Schwiebert, M.K. Effects of solder joint voiding and seating plane stability on surface mount lead standoff 70987
Schwille, W.J., Bockhorst, M., Burbach, G., Burgwinkel, R., Empt, J., Guse, B., Haas, K.-M., Hannappel, J., Heinloth, K., Hey, T., Honscheid, K., Jahnen, T., Jakob, H.P., Jopen, N., Jungst, H., Kirch, U., Klein, F.-J., Kostrewa, D., Lindemann, L., Link, J., Manns, J., Menze, D., Merkel, H., Merkel, R., Neuerburg, W., Paul, E., Plotzke, R., Schenk, U., Schmidt, S., Scholmann, J., Schutz, P., Schultz-Coulon, H.-C., Schweitzer, M., Tran, M.-Q., Vogl, W., Wedemeyer, R., Wehnes, F., Wisskirchen, J., Wolf, A. Design and construction of the SAPHIR detector 76785
Schwindling, J. *see* Gingrich, D. 53291
Schwindt, R., Cam Nguyen Computer-aided analysis and design of a planar multilayer Marchand balun 70848
Schwindt, R., Nguyen, C. Spectral domain analysis of three symmetric coupled lines and application to a new bandpass filter 73462
Schwindt, R., Nguyen, C. A new compact bandpass filter employing three parallel-coupled lines 80608
Schwindt, R., Nguyen, C. A CAD procedure for the double-layer broadside-coupled Marchand balun 92603
Schwirzke, M.F.J. *see* Foyle, D.C. 99063
Schwitters, R., Chao, A., Chou, W., Peterson, J. The parameter spreadsheets and their applications [SSC application] 87841
Schwoebel, P.R. *see* Brodie, I. 71039
Schwoebel, P.R. *see* Feinerman, A.D. 81608
Schwoerer, I. *see* Fehn, T. 73084
Schwoerer, M. *see* Karg, S. 56571
Schwoerer, M. *see* Riess, W. 72626
Schyns, E. *see* Adam, W. 88114
Schyns, E. *see* von Apeldoorn, G. 88116
Sciacca, G. *see* Galeotti, S. 70665
Sciacovelli, P. *see* Cingolani, R. 72808
Sciani, V. *see* Pinheiro Filho, J.D. 98654
Scianna, A. *see* Cuniolo, S. 78295
Sciarabba, J.T. *see* Ovadia, S. 86329
Sciascio, G.Di *see* Di Sciascio, G.
Sciorpes, A. *see* Argenti, F. 57783
Sciortino, P.F. *see* Chen, Y.K. 72896
Sciortino, P.F., Jr. *see* Froberg, N.M. 50820
Sciortino, P.F., Jr. *see* Morton, P.A. 56761
Sciortino, P.F., Jr. *see* Morton, P.A. 56788
Scire, F.E. *see* Teague, E.C. 55837
Sciuto, D. *see* Balboni, A. 49227
Sciuto, D. *see* Bolchini, C. 70434
Sciuto, D. *see* Bombana, M. 55049
Sciuto, D. *see* Buonanno, G. 49289
Sciuto, D. *see* Fummi, F. 49297
Sciutto, G. *see* Fracchia, M. 54219
Sciutto, G. *see* Fracchia, M. 69152
Sciutto, W. *see* Bixio, A. 67142
Sciver, S.van *see* van Sciver, S.
Sciver, S.W.van *see* van Sciver, S.W.
Sclabassi, R. *see* Simon, R. 65075
Sclabassi, R.J. *see* Hatzilabrou, G.M. 88516
Sclabassi, R.J. *see* Krieger, D. 88518
Sclabassi, R.J. *see* Mingui Sun 74456
Sclabassi, R.J. *see* Sun, M. 84323
Sclavos, J., Simoni, N., Znaty, S. Information model: from abstraction to application 51986
Sclavos, J., Simoni, N., Znaty, S. Managing FDDI in a high speed multi-network: The QoS application 65384
Sclavos, J. *see* Znaty, S. 96494

Scofield, J.H. *see* Nilsen, J. 82919
Scofield, J.H. *see* Wan, A.S. 50741
Scofield, J.H. *see* Wan, A.S. 72666
Scoggins, J. *see* Jaenisch, H.M. 94843
Scognetti, T. *see* Almeida, J. 87994
Scomazzon, P. Performance of digital modulations in FM multiplex broadcasts 52677
Scomparin, E. *see* Baglin, C. 59083
Scopinaro, F. *see* Pani, R. 88044
Scorrano, G. *see* Gianfranceschi, L. 85507
Scott, A.C. *see* Lunn, A.S. 58202
Scott, A.D. *see* Ketkar, S.N. 62373
Scott, A.M., Whitney, W.T., Duignan, M.T. Stimulated Brillouin scattering and loop threshold reduction with a 2.1-μm Cr,Tm,Ho:YAG laser 94427
Scott, A.M. *see* Ridley, K.D. 83251
Scott, B.D. Satellite communication deregulation in the United Kingdom: golden opportunity or the key to Pandora's box? 97517
Scott, B.F. *see* Macdonald, A.S. 54471
Scott, C. Telemedia: the challenge of content-based services 51938
Scott, C. *see* Dorman, D. 51940
Scott, C.A. *see* Eaton, G.H. 76399
Scott, C.D. *see* Gicquel, A. 70117
Scott, C.G. *see* Dhese, K.A. 71285
Scott, C.S. *see* Kub, F.J. 66306
Scott, D.B. *see* Izzard, M.J. 70712
Scott, D.C. *see* Fetterman, H.R. 80651
Scott, D.L., Bull, P.M. A knowledge based system for configuration and pricing of ServiceView network management systems 96471
Scott, D.L. *see* Halhed, B.R. 75098
Scott, D.M., Marvin, D.C. The effects of low-energy proton irradiation on partially shielded GaAs solar cells 100734
Scott, D.S. *see* Wells, J.D. 52040
Scott, D.W. *see* Ma, B.M. 71980
Scott, G.E., Jr. Fuel cells: their current status and their potential as standby power systems 68989
Scott, H.A. Teleaction services: an overview 65129
Scott, J., Heuer, D. High-performance total difference-frequency distortion meter 97845
Scott, J. *see* Storey, R. 97525
Scott, J.A., Croke, E.T., Plummer, J.D. High mobility $Si_{1-x}Ge_x$ PMOS transistors to 5 K 62808
Scott, J.A. *see* Silva, P.R. 89254
Scott, J.F., Azuma, M., Fujii, E., Otsuki, T., Kano, G., Scott, M.C., Paz de Araujo, C.A., McMillan, L.D., Roberts, T. Microstructure-induced Schottky barrier effects in barium strontium titanate (BST) thin films for 16 and 64 Mbit (DRAM cells) 56122
Scott, J.F., Melnick, B.M., McMillan, L.D., Paz de Araujo, C.A., Azuma, M. Dielectric breakdown in high-ϵ films for ULSI DRAMS 93699
Scott, J.F., Paz de Araujo, C.A., McMillan, L.D., Yoshimori, H., Watanabe, H., Mihara, T., Azuma, M., Ueda, T., Ueda, T., Ueda, D., Kano, G. Ferroelectric thin films in integrated microelectronic devices 61938
Scott, J.F., Paz de Araujo, C.A., Melnick, B.M. Loss mechanisms in fine-grained ferroelectric ceramic thin films for ULSI memories (DRAMs) 93730
Scott, J.F. *see* Hermann, A.M. 56284
Scott, J.F. *see* Melnick, B.M. 63098
Scott, J.F. *see* Ting Chen 56855
Scott, J.F. *see* Ting Chen 93807
Scott, J.R. *see* Banda, P.A. 66524
Scott, J.S., Kaminski, J.P., Allen, S.J., Chow, D., Lui, M., Liu, T.Y. Terahertz response of an InGaAs/AlAs resonant tunnelling diode 62673
Scott, J.S. *see* Allen, S.J. 71163
Scott, J.W., Thibeault, B.J., Mahon, C.J., Coldren, L.A., Peters, F.H. High modulation efficiency of intracavity contacted vertical cavity lasers 83143
Scott, J.W., Thibeault, B.J., Young, D.B., Coldren, L.A., Peters, F.H. High efficiency submilliamp vertical cavity lasers with intracavity contacts 72826
Scott, J.W. *see* Coldren, L.A. 63907
Scott, K., Sudiwala, R.V., Donovan, K.J., Wilson, E.G., Clark, T.R., Batzel, D.A., Kenney, M.E. Control of electron transfer in a nanostructure assembled from organic molecules 49729
Scott, K.A.M. *see* Sharma, A.K. 58773
Scott, K.J. Optimised image theory for dielectric layer modelling in PCBs 49702
Scott, K.J. *see* Milsom, R.E. 49703
Scott, K.J. *see* Milsom, R.F. 57933
Scott, L. Modeling staring thermal systems with FLIR92 66434
Scott, L., D'Agostino, J., Webb, C. Application of 3-D noise to MRTD prediction 66487
Scott, L.R. *see* Bagheri, B. 49994
Scott, L.R. *see* McCammon, J.A. 91380
Scott, M. *see* Fujii, E. 61721
Scott, M.C. *see* McMillan, L.D. 82149
Scott, M.C. *see* Scott, J.F. 56122
Scott, P. *see* Fay, P. 62469
Scott, P.F. *see* Robson, M. 66005
Scott, P.H., Russell, J.P. Modelling of a combined cycle conversion using Simulink 60108
Scott, R.D.W. *see* Louineau, J.P. 100020
Scott, R.F., Baker, S.G., Birkett, C.M., Cudlip, W., Laxon, S.W., Mantripp, D.R., Mansley, J.A., Morley, J.G., Rapley, C.G., Ridley, J.K., Strawbridge, F., Wingham, D.J. A comparison of the performance of the ice and ocean tracking modes of the ERS-1 radar altimeter over non-ocean surfaces 88739
Scott, R.F., Elkington, M.D., McIntyre, N.F. ERS-1 processing chain development and product support by the EODC science team, the algorithm development facility and the calibration and validation facility 77230
Scott, R.L. Geoscience resources on the Internet 75020
Scott, R.S. *see* Dumin, D.J. 55670
Scott, R.S. *see* Dumin, D.J. 62365
Scott, R.S. *see* Dumin, D.J. 71262
Scott, R.S. *see* Dumin, D.J. 82117
Scott, R.S. *see* Subramoniam, R. 62623
Scott, S.P., Imeson, D.M. Maintaining compliance with the EMC directive in production 51132
Scott, S.W.C., Rogozinski, K., Seguin, H.J.J. High peak power, burst mode operation of a multikilowatt CO_2 laser for deep penetration welding 73189
Scott, S.W.C. *see* Yelden, E.F. 82913
Scott, T.R. *see* Shao Yang 87194
Scott, W.G. *see* Willis, H.L. 78099
Scotti, S. *see* D'Ottavi, A. 56849
Scotti di Uccio, U. *see* Esposito, E. 87959
Scottis, M. *see* Ming-Kang Liu 75117
Scotto Di Rinaldi, J.-P. *see* Rigaud, B. 67552
Scotton, P., Menez, J. A low complexity video subband coder for ATM 95795
Scoy, F.L.Van *see* Van Scoy, F.L.
Scozzie, C.J., Tipton, C.W., DeLancey, W.M., McGarrity, J.M., McLean, F.B. High temperature stressing of SiC JFETs at 300°C 62868
Screiber, T.E. *see* Gonin, I.M. 52994
Scribner, D.A., Sarkady, K.A., Kruer, M.R., Caulfield, J.T., Hunt, J.D., Colbert, M., Descour, M. Adaptive retina-like preprocessing for imaging detector arrays 66484
Scribner, N. The Operations System Evolution Laboratory 85547
Scrimger, P., Henderson, D.M., Chapman, N.R. Calibration of an underwater sound source at very low frequency 99228
Scrimshaw, J. Restoring strain gauge signal quality 99909
Scrobohaci, P.G., Tang, T.-W. Modeling of the hot electron subpopulation and its application to impact ionization in submicron silicon devices—Part II: numerical solutions 71561
Scrobohaci, P.G., Ting-Bei Tang Modeling of the hot electron subpopulation and its application to impact ionization in submicron silicon devices—Part I: transport equations 71560
Scrobohaci, P.G., Ting-wei Tang A nonlocal formulation of impact ionization for silicon 49942
Scrobohaci, P.G. *see* Abramo, A. 81195
Scroggins, D. *see* Johnson, B. 99370
Scroggs, J.S. *see* Bachmann, K.J. 61265
Scronfani, D. *see* Kefford, D. 59092
Scrosati, B. *see* Croce, F. 68970
Scrosati, B. *see* Panero, S. 56429
Scrosati, B. *see* Passerini, S. 78787
Scucchia, L. *see* Giannini, F. 80158
Scucchia, L. *see* Giannini, F. 92541
Scuderi, S. *see* Naletto, G. 87279
Scuka, V. *see* Tang, H. 90306
Scully, M.O. *see* Baranova, N.B. 53094
Scuro, G. The Macrotest universal testing meter 60935
Scutero, M. *see* Young, E.T. 58779
Scutero, M.J., Young, E.T., Milner, T.E., Rieke, G.H., Haller, E.E., Beeman, J., Zapella, P.I., Slemmons, J.W. Monolithic planar Ge:Be arrays 58780
Sczittnick, M. *see* Bause, F. 74714
Se Gon Choi *see* Hee Don Seo 87070
Se Il Park, Kyu-Tae Kim, Rae Duk Lee A high quality 1-V Josephson series array developed at KRISS 86850
Se Il Kim *see* Haddock, J.L. 68183
Se Il Park *see* Kyu-Tae Kim 86849
Se Kwon Young *see* Young Se Kwon
Se Min Jung, Ji Hyun Rho, Kyu Whang Choi The construction of a high power, very low ratio frequency inverter transformer made of a TDK PE-38 core and its characteristics 78687
Se-Jin Jeong *see* Seung-Moon Yoo 70533
Se-Jin Park *see* Byeong-Soo Seo 74529
Se-Kyo Chung *see* Jung-Hoon Lee 90048
Se-Young Jeong *see* Chae-Ryong Cho 93751
Se-Young Oh *see* Doo-hyun Choi 76060
Sea Hyeon Nam, Chong Kwan Un Performance analysis of broadcast star network with priorities 57986
Seabaugh, A.C., Taddiken, A.H., Beam, E.A., III, Randall, J.N., Kao, Y.-C., Newell, B. Co-integrated resonant tunneling and heterojunction bipolar transistor full adder 92074
Seabaugh, A.C. *see* Micheel, L.J. 49938
Seabaugh, A.C. *see* Moise, T.S. 55412
Seabaugh, A.C. *see* Moise, T.S. 71768
Seabaugh, A.C. *see* Moise, T.S. 93335
Seaford, B. *see* Wojcik, R. 59086
Seaford, H. Acoustic leak detection through advanced signal processing technology 59620
Seager, C.H. *see* Kowalczyk, T.C. 82629
Seager, R. *see* Lockyer, D. 73557
Seah, M.P. *see* Cumpson, P.J. 66698
Seajin Oh A planar-type sensor for detection of oxidizing and reducing gases 66573
Seak Park Young *see* Young Seak Park
Seal, D.W. *see* Reed, S.E. 76019
Seal, D.W. *see* Weaver, T.L. 88681
Seale, D. *see* Parker, M.R. 72194
Seals, R. *see* Perez, R. 99993
Sealy, B.J., Hemment, P.L.F. Ion beam techniques in microelectronics 55702
Sealy, L.T. *see* Stolk, P.A. 62200
Seaman, M.E., Economikos, L., Lambright, J. Computer vision for automatic inspection of a high density grid of pads on multi-chip modules (MCM-D) 79439
Seamans, J.R. *see* Henderson, E. 76884
Seamans, L.D. Implementing plant design changes economically 89450
Seamen, J.F. *see* Hanson, D.L. 87413
Search, D.J., Hobson, C.A., Atkinson, J.T., Pearson, J.D. Diffraction pattern analysis for automatic defect classification in manufactured electronic assemblies 69601
Search, D.J. *see* Pearson, J.D. 69610
Searioni, V. *see* Ienni, P.G. 68512
Searles, K.S. *see* Cordom, C. 85559
Searles, S., Pulfrey, D.L. An analysis of space-charge-region recombination in HBT's 49963
Searls, J.H. *see* Tobar, M.E. 55379
Sears, J. *see* Akai, K. 67058
Sears, J. *see* Graber, J. 67093
Sears, J. *see* Graber, J. 67094
Sears, J. *see* Graber, J. 67095
Sears, J. *see* Kirchgessner, J. 67104
Sears, J. *see* Kirchgessner, J. 67105
Sears, J. *see* Moffat, D. 67056
Sears, J. *see* Moffat, D. 67120
Sears, J. *see* Nordberg, E. 66815
Seatzu, S. *see* Rodriguez, G. 48893
Seaver, A.E. Onset potential for unipolar charge injection 64071
Seaver, A.E. Analysis of electrostatic measurements on webs 64081
Seaver, M.M. *see* Lyons, W.G. 93933
Seaver, W.B. Design considerations for remanufacturability, recyclability and reusability of user interface modules 79240
Seawright, A., Brewer, F. Clairvoyant: a synthesis system for production-based specification 55177
Sebak, A.R. *see* Simons, N.R.S. 83594
Sebastian, J. *see* Cobos, J.A. 91897
Sebastian, J. *see* Dos Reis, F.S. 90151
Sebastian, J.L. *see* Miranda, J.M. 87497
Sebastian, M.T. *see* Sreemoolanadhan, H. 63044
Sebastian, P.J. The transport and optical properties of CdSe-CdTe pseudobinary thin films 62172
Sebastian, P.J. *see* Ocampo, M. 61332
Sebastian, T. Temperature effects on torque production and efficiency of PM motors using NdFeB magnets 68525
Sebastian, T. *see* Nehl, T.W. 82288
Sebastion, J. *see* Cobos, J.A. 61536
Sebata, K. *see* Shibuki, M. 58618
Sebayashi, K., Uose, H., Inoue, Y. The evaluation of multicast communication schemes on IP over ATM network 65382
Sebek, J. *see* Weaver, J.N. 76739
Sebek, J.J. Analytical method for the calculation of beam to button electrode coupling 98469
Seberry, I. *see* Koukouvinos, C. 79519
Seberry, J., Zhang, X.-M., Zheng, Y. Nonlinearly balanced Boolean functions and their propagation characteristics 73746
Seberry, J. *see* Carlet, C. 73718
Seberry, J. *see* Yuliang Zheng 64267
Sebire, L.D. Establishing and operating an effective operations and maintenance organisation for a broadcasting transmission network 58540
Sebko, V.V., Sirenko, N.N., Gora, S.A., Chan Kuang Min, Nguen Min Chau A parametric power loss monitor 83516
Sebko, V.V., Sirenko, N.N., Konstantin, B., Lysenko, V.V. Measurement of power losses on eddy currents 55018
Sebo, S.A. *see* Kasten, D.G. 68186
Sebo, S.A. *see* Tiebin Zhao 89262
Seborg, D.E. *see* Soper, R.A. 62600
Secan, J.A., Bussey, R.M., Fremouw, E.J., Basu, S. An improved model of equatorial scintillation 73336
Secco, R.A. Load cycling and pressure efficiency in a large volume cubic press 86952
Sechen, C. *see* Qicheng Yu 49068
Sechen, C. *see* Qicheng Yu 93575
Sechen, C. *see* Stanion, T. 80272
Sechen, C. *see* Wern-Jieh Sun 91813
Sechi, F., Bujatti, M., Knudson, R., Bugos, R. Radially combined 30 W, 14-16 GHz amplifier 80865
Secondo, G. *see* Drago, G. 83495
Secord, N.P. *see* Gulliver, T.A. *(editor)* 60773
Secret, A. *see* Berners-Lee, T. 85638
Sedayao, J. *see* Hambridge, S. 96727
Sedding, H. *see* Lyes, J.F. 89736
Sedding, H. *see* Lyles, J.F. 89735
Sedding, H.G. *see* Braun, J.M. 89273
Sedding, H.G. *see* Campbell, S.R. 78540

Sedding, H.G. *see* Stone, G.C. 68527
Sedgwick, T.O. *see* Burghartz, J.N. 71611
Sedgwick, T.O. *see* Burghartz, J.N. 80673
Sedgwick, T.O. *see* Iyer, S.S. 93644
Sedigh, A.K., Alizadeh, G. Design of robust power system stabilizers (PSS) using quantitative feedback theory 59758
Sedighi, M. *see* Yuanda Cheng 63180
Sedlacek, M. *see* Anderson, D. 87831
Sedlar, M. The preparation and magnetic properties of sodium-modified iron oxide thin films by a sol-gel method 48960
Sedlyarov, I. *see* Arbuzov, V. 67173
Sedmark, R.M. Boundary-scan: beyond production test 48660
Sedra, A.S. *see* Duncan, R.A. 49192
Sedukhin, S.G. A new systolic architecture for pipeline prime factor DFT-algorithm 49266
Sedunov, Yu.N. *see* Popov, A.P. 64036
Sedyakina, M.S. *see* Mamedov, A.K. 78896
See, J.B. *see* Chen, Z.W. 68945
See Heedon *see* Heedon See
See Leang Chin *see* Beaulieu, R. 57017
See Woo Lee, Takahashi, Y. A multi-pulse speech analysis-synthesis system considering transition segment including unvoiced consonant 84157
See Yew Lim, Chatwin, C.R. Spatial chaos aspects of laser-material interaction 79305
See-May Phoong, Vaidyanathan, P.P. Robust convolution using data-compression schemes 95553
See-May Phoong *see* Yuan-Pei Lin 95576
Seebock, R.J. *see* Bohme, W. 49839
Seebold, R.J.A. *see* Cvetkovic, S.R. 60789
Seebregts, A.J., Rademakers, L.W.M.M., van den Horn, B.A. Reliability analysis in wind turbine engineering 89774
Seed, N.L. *see* Goodenough, J. 61750
Seed, R.G., Dorsey, P.C., How, H., Widom, A., Vittoria, C. YBCO microwave grain boundary mixer using a $SrTiO_3$ bicrystal substrate 55387
Seed, R.G., Dorsey, P.C., How, H., Widom, A., Vittoria, C. Planar superconducting YBCO microwave mixer employing an engineered grain boundary weak link junction 82386
Seed, R.G. *see* Dorsey, P.C. 50240
Seeds, A.J. *see* Atkinson, D. 97238
Seeds, A.J. *see* Bordonalli, A.C. 52608
Seeds, A.J. *see* Cai, B. 50863
Seeds, A.J. *see* Cai, B. 86487
Seefeldt, J. *see* Guckel, H. 93672
Seefeldt, J. *see* Jung, T.S. 80145
Seefried, E. *see* Macias, M. 60510
Seeger, D. *see* Pomerene, A. 81597
Seeger, D.E. *see* La Tulipe, D.C. 81645
Seeger, M., Kronmuller, H. The role of Al in rapidly solidified FePrBAl permanent magnets 93894
Seeger, M. *see* Bernardi, J. 50184
Seeger, M. *see* Fallot-Burghardt, W. 88244
Seeger, M. *see* Michel, E. 88029
Seeger, R. *see* Seeger, U. 64859
Seeger, U., Seeger, R. Fast corner detection in grey-level images 64859
Seeger, W. *see* Steeb, H. 68487
Seegers, M.C. *see* Verguld, M.M.F. 92744
Seehyun Kim, Wonyong Sung An autoscaling assembler for the TMS 320C25 70647
Seek Choi Chang *see* Chang Seek Choi
Seek Kim Joon *see* Joon Seek Kim
Seek Kwai Yin *see* Kwai Yin Seek
Seekamp, C. Ideal solution for new systems and revamps. SIMADYN D for drives in a cold rolling strip mill—a user report 90686
Seeley, C.E. *see* Chattopadhyay, A. 63107
Seeley, C.E. *see* Chattopadhyay, A. 82199
Seeley, R.D. *see* Pershing, D.E. 92886
Seeman, J. *see* Adolphsen, C. 76537
Seeman, J. *see* Tatchyn, R. 63889
Seeman, J. *see* Winick, H. 63870
Seeman, J. *see* Winick, H. 83178
Seeman, J.T., Decker, F.-J., Holtzapple, R.L., Spence, W.L. Measured optimum BNS damping configuration of the SLC linac 87898
Seeman, J.T., Holtzapple, R. An "NLC-Style" short bunch length compressor in the SLAC linac 67016
Seeman, J.T., Holtzapple, R.L., Ross, M.C. Induced beam oscillations from quadrupole vibrations in the SLC linac 87884
Seeman, J.T. *see* Adolphsen, C. 66964
Seeman, J.T. *see* Babenko, E. 76589
Seeman, J.T. *see* Bane, K.L. 67006
Seeman, J.T. *see* Decker, F.-J. 76614
Seen, D.Lo *see* Lo Seen, D.
Seep Koh Chang *see* Chang Seep Koh
Seernani, C.W. Application of GIS technology to wireless 86211
Seery, W. Stepping through surface mount assembly 92750
Sees, H.O. *see* Schnelle, H.R. 88919
Sees, J.A., Hall, L.H. The impact of metal impurities on silicon wafer contamination 93151
Seese, P. *see* Yanof, A. 81586
Seez, C. *see* Arefiev, A. 88007
Seez, C. *see* Gasparini, F. 53303
Seez, C. *see* Moers, T. 67364
Seez, C.J. CMS, a general purpose detector for the LHC 53288
Seferidis, V.E., Ghanbari, M. Adaptive motion estimation based on texture analysis 51700
Sefzick, T. *see* Dahmen, M. 87984
Segal, A.C., Walther, M., Boerner, W.-M., Eom, H.-J. Application of the polarimetric matched image filter to the enhancement of characteristic features of POL-SAR imagery 86555
Segal, A.C. *see* Boerner, W.-M. 77484
Segal, J. *see* Warburton, W.K. 88034
Segala, D. *see* Danailov, M.B. 63714
Segala, D. *see* De Silvestri, S. 72966
Segall, A. *see* Baratz, A. 52109
Segall, A. *see* Chung-Sheng Li 64921
Segall, A. *see* Cohen, R. 51833
Segall, A. *see* Cohen, R. 51841
Segall, A. *see* Cohen, R. 57985
Segall, A. *see* Cohen, R. 58142
Segall, A. *see* Cohen, R. 64945
Segall, A. *see* Cohen, R. 96221
Segall, A. *see* Sharon, O. 57977
Segall, A. *see* Sharon, O. 65043
Segall, A. *see* Sharon, O. 85268
Segall, K. *see* Arrington, K. 88112
Segall, K. *see* Arrington, K. 98564
Segall, K. *see* Brown, D. 59084
Segall, K. *see* Lin, B.-Y. 62129
Segalov, Z. *see* Destler, W.W. 66801
Segalov, Z. *see* Ramaswamy, K. 59033
Segan, S. *see* Qinghong Cao 75864
Segars, A.H., Grover, V. Communications architecture: towards a more robust understanding of information flows and emergent patterns of communication in organizations 51906
Segato, M. *see* Cortelazzo, G.M. 86682
Segawa, E. *see* Gang Xu 64739
Segawa, H. *see* Sakashita, Y. 63077
Segawa, K. *see* Sugawara, Y. 96660
Segawa, K. *see* Yonezawa, Y. 79921
Segawa, M. *see* Hori, A. 62836
Segawa, Y. *see* Haruna, M. 61262
Segeda, M.S. *see* Perkhach, V.S. 88982
Seger, C. *see* Zhu, Z. 55308
Seger, C.-J., Brzozowski, J.A. Generalized ternary simulation of sequential circuits 55213
Seger, C.-J. *see* Wing Sang Lee 93532
Seger, C.-J.H. *see* Bryant, R.E. 55223
Segers, D., Dorikens, M., Paridaens, J., Dorikens-Vanpraet, L. Monte-Carlo simulation of the positron production at a linac-based slow positron beam 87939
Segev, M., Crosignani, B., Di Porto, P., Yariv, A., Duree, G., Salamo, G., Sharps, E. Stability of photorefractive spatial solitons 83315
Segev, M. *see* Rosen, J. 50965
Seghier, D., Benyattou, T., Kalboussi, A., Moneger, S., Marrakchi, G., Guillot, G., Lambert, B., Guivarc'h, A. Optical and electrical properties of rare earth (Yb,Er) doped GaAs grown by molecular beam epitaxy 49780
Segler, S. *see* Amidei, D. 98639
Sego, D.J. Ultrawide band active radar array antenna for unmanned air vehicles 77782
Segon Choi *see* Jongdae Park 67450
Seguchi, M. *see* Komoto, E. 74517
Seguchi, T. *see* Koyama, T. 82533
Seguchi, T. *see* Okuda, T. 61979
Seguchi, T. *see* Yagi, T. 61978
Seguin, C.M. *see* Ferguson, R.A. 71466
Seguin, F. *see* Oleskevich, T. 56681
Seguin, G. A random coding bound for fixed convolutional codes of rate 1/n 95205
Seguin, H.J.J. *see* Scott, S.W.C. 73189
Seguin, H.J.J. *see* Yelden, E.F. 82913
Seguin, N. *see* Gingrich, D. 53291
Seguin-Moreau, N. *see* Chase, R.L. 53343
Seguinot, C. *see* Saidi, K. 55418
Seguinot, J., Passardi, G., Tischhauser, J., Ypsilantis, T. Liqiud xenon ionization and scintillation. Studies for a homogeneous-vector-electromagnetic calorimeter 67343
Segur, P. *see* Barthe, J. 88610
Segur, P. *see* Bordy, J.M. 88131
Segura, J., Roca, M., Mateo, D., Rubio, A. Built-in dynamic current sensor circuit for digital VLSI CMOS testing 93588
Segura-Luna, J.C. *see* Diaz-Verdejo, J.E. 73815
Seguy, M. *see* Jolion, M. 54258
Seh-Kwang Lee *see* Jung Yon 71925
Sehgal, N.K., Chen, C.Y.R., Acken, J.M. A gridless multi-layer area router 49063
Sehgal, N.K., Chen, C.Y.R., Acken, J.M. An object-oriented cell library manager 92174
Sehgal, S.K. *see* Biswas, D.J. 82916
Sehgal, S.K. *see* Yu Qing Chen 79515
Sehgal, V. *see* Bylsma, B. 59179
Sehil, H. *see* Benamara, Z. 81877
Sehmi, A.S., Jones, N.B., Wang, S.Q., Loudon, G.H. Knowledge-based systems for neuroelectric signal processing 53419
Sehmi, R., Dumir, V.C. Positive values of non-homogeneous indefinite quadratic forms of type (2,5) 69719
Sehovic, E. Using a directory application to provide the description of the packet network structure 96492
Sehun Kim, Kun-Nyeong Chang Optimal channel allocation for cellular mobile systems with nonuniform traffic distribution 86204
Sehun Kim, Seong-Lyun Kim A two-phase algorithm for frequency assignment in cellular mobile systems 75330
Sei, N. *see* Yamazaki, T. 94544
Sei Seung Yoon *see* Seung-Moon Yoo 70533
Sei-Chan Kim *see* Chung-Yuen Won 100756
Sei-Joo Jang *see* Fiallo, H.H. 73461
Sei-Joo Jang *see* Shaoping Li 76155
Seibel, B.J. *see* Kerkman, R.J. 68806
Seibel, B.J. *see* Kerkman, R.J. 90111
Seibel, B.J. *see* Kerkman, R.J. 100322
Seibel, J. *see* Schlechtweg, M. 80787
Seibel, J. *see* Zhi-Gong Wang 92341
Seiberle, H., Schadt, M. LC-conductivity and cell parameters; their influence on twisted nematic and supertwisted nematic liquid crystal displays 58919
Seibert, K., Largeau, D., Bonvalot, B., Angelidis, D.T., Parsons, P. Optical system for pressure and temperature sensing 66381
Seibolt, W. *see* Lemppenau, W.W. 51819
Seibt, A., Schirmer, F. Measurements with a multi-frequency single beam acoustic scatterometer for the detection of suspended matter in coastal waters 67865
Seibt, M., Imschweiler, J., Hefner, H.-A. The crystalline-to-amorphous transition in Ge-implanted silicon and its role in the formation of end-of-range defects 81447
Seibt, W. *see* Bruce, S. 55417
Seidel, G.M. *see* Porter, F.S. 54048
Seidel, G.M. *see* Wei, D. 98736
Seidel, H. *see* Hagen, F.W. 53511
Seidel, P. *see* Darula, M. 56255
Seidel, P. *see* Zakosarenko, V. 76167
Seidel, S.Y., Devasirvatham, D.M.J., Murray, R.R., Arnold, H.W., Sutliff, L.G. Radiowave propagation measurements for sharing spectrum between point-to-point microwave radios and personal communications systems 65670
Seidel, S.Y., Rappaport, T.S. Site-specific propagation prediction for wireless in-building personal communication system design 97152
Seidel, S.Y. *see* Feuerstein, M.J. 86096
Seidel, V. *see* Bocking, S. 85318
Seiden, A. The SDC silicon tracker 88103
Seiden, A. The SDC silicon tracker 98568
Seiden, A. *see* Leslie, J. 59065
Seiden, A. *see* Unno, Y. 98558
Seiden, A. *see* Ziock, H.J. 76767
Seiden, P., Nuckolls, K.A. Developing a campus-wide information system using the Gopher protocol: a study of collection development and classification issues 75032
Seidl, A., Marten, R., Muller, G. Development of an electrochemical oxygen sensor for Czochralski silicon melts 87337
Seidl, A.A. *see* Boyse, W.E. 94768
Seidl, D.R., Lam, S.-L., Putnam, J.A., Lorenz, R.D. Neural network compensation of gear backlash hysteresis in position-controlled mechanisms 68649
Seidl, P., Faltens, A. Electrostatic quadrupoles for heavy-ion fusion 67030
Seidl, W. *see* Fanti, V. 76788
Seidlein, R. *see* Bylsma, B. 59179
Seidler, W., Walters, D., Florian, J., Harper, H., Lutjens, S., Salazar, M., Alexander, D., Smith, A., Heideman, B., Self, T., Ferguson, G., Ovrebo, G., Blomquist, S., Blackburn, J., Vanderwall, J. Temperature-dependent dose rate effects in CMOS/SOS devices 82077
Seidman, A. *see* Bosetti, M. 59146
Seidman, A. *see* Bosetti, M. 98566
Seif, N.P., Hussein, S.A., Deif, A.S. The interval Sylvester equation 61166
Seifer, A.D. Monopulse-radar angle measurement in noise 77785
Seifer, A.D. Monopulse radar angle measurement in noise [Errata] 97387
Seifert, F., Bulst, W.-E., Ruppel, C. Mechanical sensors based on surface acoustic waves 87153
Seifert, F., Petrov, V., Noack, F. Sub-100-fs optical parametric generator pumped by a high-repetition-rate Ti:sapphire regenerative amplifier system 63956
Seifert, F., Ringling, J., Noack, F., Petrov, V., Kittelmann, O. Generation of tunable femtosecond pulses to as low as 172.7 nm by sum-frequency mixing in lithium triborate 94599
Seifert, F. *see* Fauter, A. 93821
Seifert, F. *see* Muller, G. 99335
Seifert, F. *see* Petrov, V. 73066
Seifert, F. *see* Petrov, V. 94653
Seifert, F. *see* Pietsch, W. 96974
Seifert, F. *see* Ringling, J. 73109
Seifert, F.J. *see* Molisch, A.F. 71920
Seifert, F.J. *see* Reichinger, R.P. 93829
Seifert, F.M., Moreira, J.R., Keydel, W., Moreira, A. Determination of phase errors in spaceborne SAR 75618
Seifert, H. *see* Kleine, U. 80142
Seifert, M. Can power monitoring provide a real economic advantage to an informed user? 60026
Seifert, W. *see* Bruns, J. 60458
Seifert, W. *see* Keller, B.P. 54893
Seifert, W. *see* Kittler, M. 55538
Seifert, W. *see* Samuelson, L. 55638
Seifi, A. *see* Kenarangui, R. 59860
Seifi, A. *see* Kenarangui, R. 89144
Seifrid, P. *see* Jackson, G. 87876
Seifritz, W. Speculations about RM 20/20 Red Mercury 88924

Seigneur, F. *see* Raynaud, C. 55669
Seijbel, L.J., Kruit, P., Barth, J.E., van Veen, A., Schut, H. Optical design of a remoderation section 83518
Seikai, S., Fukuoka, T., Tohi, T. Application of an Er^{3+}-doped fibre amplifier to an OTDR operating at 1.6 μm 76232
Seikai, S., Kusunoki, K., Shimokado, S. Experimental studies on wavelength division bidirectional optical amplifiers using an Er^{3+}-doped fiber 65837
Seikai, S., Shimokado, S., Fukuoka, T., Tohi, T. Studies on optimization of an erbium-doped fiber amplifier suitable for an optical transmission line containing an amplifier repeater 63701
Seikai, S., Tohi, T., Kanaoka, Y. Erbium-doped fibre amplifier circuit having a subsidiary erbium-doped fibre useful for bidirectional optical transmission systems 97316
Seiler, B. *see* Sarstedt, M. 59021
Seiler, D.G. *see* Kim, J.S. 81237
Seiler, D.G. *see* Lowney, J.R. 58945
Seileri, S. *see* Zoboli, M. 73441
Seino, K. *see* Kohno, M. 80689
Seino, M. *see* Kuwaki, N. 50504
Seino, M. *see* Ohska, T.K. 66159
Seino, T., Watanabe, M. Development and application of optical shutter made of PLZT ceramics 94196
Seino, T. *see* Kikuchi, T. 58213
Seip, R., Ebbini, E.S., O'Donnell, M., Cain, C.A. Non-invasive detection of thermal effects due to highly focused ultrasonic fields 98791
Seip, R., VanBaren, P., Ebbini, E.S. Dynamic focusing in ultrasound hyperthermia treatments using implantable hydrophone arrays 88537
Seip, R. *see* VanBaren, P. 98938
Seiple, W. *see* Mehaffey, L., III 67542
Seishi Sekine *see* Xiang-Zhao Wang 56948
Seite, P., Tardivel, J., Vikdal, N. Space diversity in a DS/CDMA system 52398
Seitz, C.W. Industrial battery technologies and markets 68980
Seitz, J. *see* Braun, T. 51968
Seitz, P. *see* Raynor, J.M. 75898
Seitz, S.M., Dyer, C.R. Affine invariant detection of periodic motion 84711
Seitz, S.M., Dyer, C.R. Detecting irregularities in cyclic motion 96071
Seitz, T. *see* Wolff, G.B. 59947
Seitz, Th. *see* Wolff, G.B. 59939
Seitzer, D. *see* Feng, S. 49185
Seitzer, D. *see* Feng, S. 50039
Seitzer, D. *see* Shen Feng 70781
Seitzman, J.M. *see* Patrie, B.J. 53087
Seiwerth, I. Synchronization of the equipment based on SDH multiplexing standard 96163
Seixas, J.M., Caloba, L.P., Souza, M.N. A fast signal adder for applications with calorimeters 98661
Seixas, J.M., Caloba, L.P., Souza, M.N., Braga, A.L., Rodrigues, A.P., Gottschalk, H. Neural networks applied to a second-level trigger based on calorimeters 87644
Seixas, J.M. *see* Ariztizabal, F. 98518
Sejalon, F. *see* Escotte, L. 80667
Sejka, M. *see* Yuan Shi 63747
Sejling, K. *see* Madsen, H. 89654
Sekachev, I.V., Belesev, A.I., Bleule, A.I., Geraskin, E.V., Golubev, N.A., Kazachenko, E., Lobashev, K., Ovchinnikov, E., Yarikin, O. Superconducting magnet system and a cryogenic equipment of molecular tritium circulation source for electron antineutrino mass experiment 87943
Sekar, K. *see* Gurumurugan, K. 91560
Seke, E. *see* Carson, B. 77299
Sekhar, C.C., Yegnanarayana, B. Classification of CV transitions in continuous speech using neural network models 95287
Sekhar, C.R. *see* Agrawal, J.P. 68841
Seki, A., Miyamoto, S., Okitani, A., Ohki, Y., Sakuma, S., Fukuyama, S., Miyauchi, H. Insulation characteristics of XLPE cables and their accessories for high frequency voltage with PWM inverter 89279
Seki, H. *see* Koukitu, A. 54873
Seki, H. *see* Nishihata, K. 97262
Seki, H. *see* Shirasaki, S. 58082
Seki, K., Kubota, S., Mizoguchi, M., Kato, S. Very low power consumption Viterbi decoder LSIC employing the SST (scarce state transition) scheme for multimedia mobile communications 52371
Seki, K., Murakami, K. Operation of a fixed-luminescence fluorescent lamp with self-contained temperature-sensitive inverter 60613
Seki, K., Nakayama, Y., Chiba, S., Tsunekawa, Y., Matsuki, H., Murakami, K. Pressure/photo sensor utilizing polymer magnetic composite 52799
Seki, K., Sakata, T., Kato, S. A digitalized quadrature modulator for fast frequency hopping 61615
Seki, K. *see* Ishii, T. 93590
Seki, K. *see* Masai, J. 63244
Seki, K. *see* Matsuura, T. 92423
Seki, K. *see* Nakama, H. 97606
Seki, K. *see* Sakata, T. 86156
Seki, K. *see* Tsunekawa, Y. 70764
Seki, K. *see* Yano, K. 62823
Seki, K. *see* Yano, K. 80330
Seki, K. *see* Yano, K. 93418
Seki, K. *see* Yoshida, M. 96927
Seki, M., Inoue, K., Kato, K., Tsurusaki, K., Fukasawa, S., Sasaki, H., Aizawa, M. A specified delay accomplishing clock router using multiple layers 93572
Seki, M. *see* Wada, T. 51611
Seki, N., Mizushima, K. Technology in "RAMSA" digital products 75774
Seki, N., Uchino, H. Consideration on switching frequency and multiple connection at a bulk power self-commutated converter system 68867
Seki, N. *see* Shugang Wei 66081
Seki, N. *see* Yamasaki, T. 52750
Seki, S., Yamanaka, T., Lui, W., Yoshikuni, Y., Yokoyama, K. Theoretical analysis of pure effects of strain and quantum confinement on differential gain in InGaAsP/InP strained-layer quantum-well lasers 63779
Seki, S., Yokoyama, K. Basic design principles for InGaAsP/InP strained-layer single-quantum-well lasers 72842
Seki, S., Yokoyama, K. The effects of strain on the threshold current density in InGaAsP/InP strained-layer single-quantum-well lasers 94450
Seki, S. *see* Isono, T. 82466
Seki, S. *see* Lui, W.W. 63773
Seki, S. *see* Nakajima, H. 72261
Seki, S. *see* Takahashi, K. 57769
Seki, S. *see* Takahashi, Y. 72219
Seki, S. *see* Yamanaka, T. 81275
Seki, T., Hasegawa, T., Okataku, Y., Tamura, S. A broadcast based passive replication mechanism for an object-oriented distributed system 60560
Seki, T., Inoue, N., Shiono, T., Matsuura, H. Application of solvents to the cure degree measurement of UV resin on optical fiber coating 63408
Seki, T. *see* Ohtsuki, J. 68996
Seki, T. *see* Sekkat, Z. 82747
Seki, T. *see* Tohyama, S. 98089
Seki, Y., Iwamuro, N. Dual gate MOS thyristor (DGMOT) 55931
Seki, Y. *see* Akahori, H. 50973
Seki, Y. *see* Ueno, K. 71386
Seki, Y. *see* Ueno, K. 81252
Seki, Y. *see* Yamazaki, T. 55970
Sekido, M. *see* Hanado, Y. 86643
Sekido, M. *see* Kiuchi, H. 87034
Sekigawa, T., Hayashi, Y., Ishii, K. Feasibility of very-short-channel MOS transistors with double-gate structure 71625
Sekigawa, T. *see* Sakata, I. 55254
Sekigawa, T. *see* Sakata, I. 55548
Sekigawa, T. *see* Takato, H. 100762
Sekiguchi, A., Uchida, A.T., Sugimura, B.H., Shimo, C.N., Masuhara, H. Directional growth of copper phthalocyanine crystal by selective chemical vapor deposition method 79927
Sekiguchi, A. *see* Minami, Y. 71441
Sekiguchi, H., Sano, K., Yokoyama, T. Interactive 3-dimensional segmentation method based on region growing method 88418
Sekiguchi, H. *see* Kondo, M. 71286
Sekiguchi, H. *see* Kondo, M. 81424
Sekiguchi, H. *see* Koshiishi, H. 97507
Sekiguchi, H. *see* Nakajima, H. 58528
Sekiguchi, H. *see* Nakama, H. 97035
Sekiguchi, H. *see* Nakama, H. 97606
Sekiguchi, K. *see* Kuniyoshi, S. 71535
Sekiguchi, M., Sawada, K., Fukumoto, M., Kouzaki, T. Electromigration in AlSiCu/TiN/Ti interconnects with Ti and TiN additional layers 93266
Sekiguchi, M. *see* Kitagawa, A. 53159
Sekiguchi, N., Fujiki, Y., Tani, T. Characteristics of photovoltaic/fuel cell power hybrid system (effect on electrical load form factors) 78515
Sekiguchi, S. *see* Hamada, K. 93981
Sekiguchi, S. *see* Ohkoda, T. 86803
Sekiguchi, S.-i. *see* Hanamura, T. 95725
Sekiguchi, T. *see* Aizawa, T. 72369
Sekiguchi, T. *see* Kawahara, T. 71832
Sekiguchi, T. *see* Shen, B. 93101
Sekiguchi, T. *see* Shiga, N. 92632
Sekiguchi, Y. *see* Anayama, C. 50849
Sekiguchi, Y. *see* Murakawa, T. 89635
Sekihara, K., Scholz, B., Bruder, H. Reconstructing current distributions from biomagnetic measurements under large external noise disturbances 53377
Sekii, Y. *see* Maekawa, Y. 68251
Sekimoto, H. *see* Watanabe, Y. 50159
Sekimoto, H. *see* Watanabe, Y. 93852
Sekimoto, Y., Gunji, S., Hirayama, M., Kamae, T., Kubo, H., Miyazaki, S., Saito, Y., Suzuki, K., Takahashi, T., Tamura, T., Tanaka, M., Yamaoka, N., Yamagami, T., Nomachi, M., Murakami, H. A low-background detector for hard X-γ-ray astronomy 67333
Sekimoto, Y. *see* Takahashi, T. 76760
Sekimukai, S. *see* Ono, M. 98854
Sekine, G., Kikuchi, N., Sasaki, S., Aoki, M. 10 Gbit/s four-channel WDM transmission experiment over 500 km with technique for suppressing four-wave mixing 75391
Sekine, H. *see* Asakawa, Y. 75128
Sekine, H. *see* Fujieda, I. 98097
Sekine, J. *see* Higashida, M. 52078
Sekine, K. *see* Hyogo, A. 49584
Sekine, K. *see* Mori, M. 90695
Sekine, K. *see* Toyota, K. 49180
Sekine, K. *see* Yokota, K. 62406
Sekine, M. *see* Matsubara, Y. 71801
Sekine, M. *see* Matsubara, Y. 81581
Sekine, S., Nitta, T. Studies on effect of superconducting fault current limiters on improvement of power system stability 68317
Sekine, S. *see* Ichimura, S. 92859
Sekine, S. *see* Usui, M. 83042
Sekine, S. *see* Usui, M. 94543
Sekine, Y. Nuclear power generation in Japan—present status and future prospects 60051
Sekine, Y., Takahashi, K., Sakaguchi, T. Real-time simulation of power system dynamics 59864
Sekine, Y. *see* Chun-Ling Yang 60018
Sekine, Y. *see* Kumano, T. 53663
Sekine, Y. *see* Ohtsuki, H. 53605
Sekine, Y. *see* Okamoto, H. 89054
Sekine, Y. *see* Sakuta, Y. 93801
Sekine Seishi *see* Seishi Sekine
Sekinishi, A. *see* Fujita, K. 86094
Sekino, N. *see* Arai, E. 55700
Sekino, T. *see* Orii, S. 71522
Sekioka, S., Nagai, T., Sonoi, Y., Matsubara, I. A computation method of voltages across insulator strings considering the effect of lightning strokes 78175
Sekioka, S. *see* Kotaki, K. 68257
Sekita, I., Kurita, T., Otsu, N., Abdelmalek, N. A thresholding method using the mixture of normal density functions 95935
Sekita, I. *see* Kurita, T. 64741
Sekitani, K. *see* Kise, W. 91244
Sekitani, T. *see* Kitamura, O. 71331
Sekito, T., Horima, H. New temperature sensor using optical fiber containing liquid in cylindrical cavity in cladding 66392
Sekiya, M. *see* Sameshima, T. 71647
Sekiya, M. *see* Schultz, M.D. 50603
Sekiya, M. *see* Wada, T. 72390
Sekkak, A., Pichon, L., Razek, A. 3-D FEM magneto-thermal analysis in microwave ovens 90645
Sekkat, Z., Buchel, M., Orendi, H., Knobloch, H., Seki, T., Ito, S., Koberstein, J., Knoll, W. Anisotropic alignment of a nematic liquid crystal controlled by a polarization sensitive Langmuir-Blodgett command layer 82747
Sekkat, Z. *see* Dumont, M. 56293
Sekulic, Z. *see* Tasker, S.C. 69576
Sekulin, R.L. *see* Adye, T.J. 98508
Sekutowski, J.C. *see* Saminathan, M. 54480
Sekwang Park *see* Kijin Kwon 67488
Selanger, P. Experiences from accelerated testing methods for stationary lead-acid batteries 60417
Selbach, E.P.J., Boertzel, A. Good for everyday use: the Alpha AXP family in industrial application 70582
Selberharr, S. *see* Abramo, A. 81195
Selberherr, S. *see* Brand, H. 49967
Selberherr, S. *see* Khalil, N. 71671
Selberherr, S. *see* Stippel, H. 49848
Selberherr, S. *see* Strasser, E. 49880
Selby, A., Dawalibi, F. Determination of current distribution in energized conductors for the computation of electromagnetic fields 68263
Selby, J., Lardy, M.M., Carbaugh, E.H., Lynch, T.P., Strom, D.J. Internal dosimetry monitoring equipment: present and future 99009
Selcher, C.A. *see* Sheridan, T.E. 49203
Selegej, V. *see* Sonwalkar, V.S. 94805
Selekhman, N.A. *see* Stognii, B.S. 87415
Selemir, V.D., Alekhin, B.V., Vatrunin, V.E., Dubinov, A.E., Stepanov, N.V., Shamro, O.A., Shibalko, K.V. Virtual cathode microwave device research: theory and experiment 92895
Selen, G. *see* Rosengren, L. 67440
Selen, M. *see* Alexander, J.P. 59072
Selen, M. *see* Alexander, J.P. 70305
Selenyi, E. *see* Patricza, A. 61730
Selesnick, I.W., Burrus, C.S. Multidimensional mapping techniques for convolution 84271
Seletkov, V.L. *see* Andreev, F.M. 57486
Seleznev, B.L. *see* Miloshova, M.S. 66228
Seleznev, B.V., Blyablin, A.A., Kandidov, A.V., Korneev, V.V., Kovalev, A.S. Holographic technique for HTS thin film patterning 63266
Seleznev, V.S. *see* Lapitsky, S.N. 76561
Self, A.W. *see* Kapadoukas, G.G. 88646
Self, D. Common-emitter power amplifiers: A different perception? 61578
Self, D. High speed audio power 86801
Self, J. *see* Deits, S. 92734
Self, J.A. *see* Deits, S.H. 92720
Self, K.W. *see* Wang, X.-S. 91496
Self, T. *see* Seidler, W. 82077
Selfors, B. *see* Torti, R. 75959
Selfridge, P.G. *see* Terveen, L.G. 85397
Selig, O. *see* Tilgner, R. 79329
Seliga, T.A., Direskeneli, H. Aerosol scavenging rates derived from dual linear polarization reflectivity measurements 67823
Seliga, T.A. *see* Czapski, P. 77402
Seliga, T.A. *see* Direskeneli, H. 73347
Seliger, M. *see* Nastran, J. 55127
Seligmann, D.D. *see* Ensor, J.R. 65455

Seligson, A.L., Bonasia, P.J., Arnold, J., Yu, K.-M., Walker, J.M., Bourret, E.D. Single source precursors for the growth of metal-chalcogenide thin films 49006
Selikov, A.V. *see* Zinov, V.G. 52778
Selin, A.V. *see* Skachkov, V.S. 76684
Selin, D.A. *see* Atmuri, S.R. 89258
Selinder, T. *see* Kiss, L.B. 56235
Seliskar, C.J. *see* Landis, D.A. 66385
Selivanov, A.M. *see* Korzinin, V.N. 52780
Selivanov, V.G. *see* Avilov, K.V. 67756
Seliverstov, A.V. *see* Golovnin, I.V. 56688
Seliverstov, V.V. *see* Andreev, Yu.M. 69153
Selker, M.D., Afzal, R.S., Dallas, J.L., Yu, A.W. Efficient, diode-laser-pumped, diode-laser-seeded, high-peak-power Nd:YLF regenerative amplifier 50779
Selker, M.D., Afzal, R.S., Reichert, P. A pulse transmission mode Q-switched Nd:YLF laser pumped by cylindrical microlens-collimated diode bars 72758
Sell, R.S. *see* Gross, C.A. 68193
Sellai, A., McCafferty, P.G., Dawson, P., Raza, S.H., Gamble, H.S. Surface mode enhanced photocurrent from PtSi/n-Si Schottky barrier detectors 71575
Sellars, A.G. Interpreting the UHF signals produced by partial discharge activity in GIS 54129
Sellars, A.G., Farish, O., Hampton, B.F. Assessing the risk of failure due to particle contamination of GIS using the UHF technique 54115
Sellberg, F. *see* Kerzar, B. 86527
Sellden, B. *see* Bohm, C. 98679
Sellden, B. *see* Borer, K. 76790
Selle, B. *see* Krankenhagen, R. 92933
Sellen, A., Buxton, B., Arnott, J. Using spatial cues to improve videoconferencing 65456
Sellen, A.J. Speech patterns in video-mediated conversations 65452
Seller, P. *see* Allport, P.P. 76752
Seller, P. *see* Borer, K. 53347
Seller, P. *see* Borer, K. 98687
Seller, P. *see* Raymond, M. 88242
Seller, P.H. *see* Beaumont, S.P. 88037
Seller, R. *see* Doka, T. 75638
Selleri, S. *see* Zoboli, M. 50526
Sellers, D.L., Bernard, T.J. An update on the OmniTRACSr two-way satellite mobile communications system and its application to the Schneider National truckload fleet 75267
Sellers, R. *see* Witt, C.E. 100725
Selles, W.D. *see* Engler, M.J. 77042
Sellin, R. Standardized architecture for telecommunications management networks (Part 1) 65179
Sellin, R. Standardized architecture for telecommunications management networks (part 2) 65196
Sellin, R. Standardized architecture for telecommunications management networks (part 3) 85521
Sellitto, P. *see* Jeanjean, P. 92921
Sellmyer, D.J. *see* Tang, Z.X. 50203
Sellmyer, D.J. *see* Zhang, Y. 71975
Sells, R. *see* Nisbet, R. 74969
Sellyey, W., Kahana, E., Wang, X. Tune measurement in the APS rings 76468
Sellyey, W. *see* Chung, Y. 76488
Sellyey, W. *see* Lumpkin, A.H. 98460
Sellyey, W. *see* Lumpkin, A.N. 76436
Selman, J.D. *see* Elrod, P.D. 66452
Selman, J.D. *see* Sen, P.K. 90284
Selman, J.R. Fuel cell development and commercialization in Japan and Europe 78804
Selman, L. Beating the heat with data: HVAC company uses wireless data to buy time 65745
Selmaoui, N., Leschi, C., Emptoz, H. Crest lines detection in grey level images: studies of different approaches and proposition of a new one 85175
Selmer, E.S. The Norwegian modification of the Siemens and Halske T52e cipher machines 57389
Selmer, J. Organizational determinants of energy-conservation management 90476
Selmi, F. *see* Varadan, V.K. 82159
Selmi, L., Fiegna, C., Bez, R. Correlation between substrate hot electron energy and homogeneous degradation in n-MOSFET's 81890
Selmi, L., Fiegna, C., Sangiorgi, E., Bez, R., Ricco, B. Analysis of uniform degradation in n-MOSFETS 62841
Selmi, L., Hon-Sum Wong, Sangiorgi, E., Lanzoni, I., Manfredi, M. Investigation of hot electron luminescence in silicon by means of dual-gate MOSFET's 93416
Selmi, L., Sangiorgi, E., Bez, R., Ricco, B. A test chip and an accurate measurement system to characterize hot hole injection in the gate oxide of p-MOSFETs 62756
Selmi, L., Sangiorgi, E., Bez, R., Ricco, B. Measurement of the hot hole injection probability from Si into SiO_2 in p-MOSFETs 93399
Selmi, L. *see* Begin, M. 97839
Selmi, L. *see* Fischetti, M.V. 81374
Selmi, L. *see* Lanzoni, M. 62762
Selph, F. *see* Leemans, W. 66863
Selsor, H.D. Data from the sea..., the U.S. Navy's AN/WSQ-6 (series) drifting buoy program 99232
Seltzer, C. *see* Asghari, M. 58436
Seltzer, C.P. *see* Asghari, M. 94442
Seltzer, C.P. *see* Lealman, I.F. 63814
Seltzer, C.P. *see* Mork, J. 50811
Seltzer, C.P. *see* Murrell, D.L. 63820
Seltzer, G.S., Ahy, R., Razmi, M. Electromagnetic theory imposes constraints on pc-board design 70980
Seltzer, S.M. *see* Shirley, P.S. 59479
Selvaduray, G., Singh, A. Modeling of flip-chip-bonded and wirebonded MCM interconnects for electrical performance comparison 48693
Selvage, J.E. *see* Cooper, B.E. 51648
Selvakumar, C.R. *see* Hamel, J.S. 55862
Selvakumar, C.R. *see* Misra, D. 62424
Selvakumar, C.R. *see* Mohajerzadeh, S. 55871
Selvakumar, C.R. *see* Mohajerzadeh, S. 87203
Selvakumar, C.R. *see* Mohammadi, S. 93325
Selvam, S.T. *see* Amerasekera, A. 62987
Selvan, B., Green, R.J. Component video signal-to-noise ratio analysis of FM and AM television system 52678
Selvaraj, U. *see* Yoshikawa, S. 56115
Selvarajan, A. Photonic circuits in fiber optic communications 82692
Selvarajan, A. *see* Kumar, S. 56358
Selvarajan, A. *see* Prasad, B.A. 58408
Selviah, D.R. *see* Tao, S. 56943
Selwyn, G.S. Optical characterization of particle traps 71396
Selwyn, G.S. *see* Blain, M.G. 71394
Sem, J.M. *see* Surowiak, Z. 71003
Sem, M.F. *see* Atamas', S.N. 63640
Sem, M.F. *see* Latush, E.L. 94350
Sem, M.F. *see* Vainer, V.V. 63634
Sem, M.F. *see* Vainer, V.V. 94351
Sem, M.F. *see* Zinchenko, S.P. 63637
Sem, M.F. *see* Zinchenko, S.P. 94352
Semaan, G., Humblet, P. MARKAB: A slotted protocol for a WDM star network 51818
Seman, K., Smith, D.G., Cheng, T.H. A multilink ATM switch capable of supporting two priority classes 64905
Seman, M. *see* Benary, O. 53327
Seman, M. *see* Benary, O. 98517
Seman, M. *see* Benary, O. 98640
Semashko, V.V. *see* Dubinskii, M.A. 72718
Sembakutti, C. *see* Driscoll, M.A. 70248
Sembroski, G.H. *see* Kertzman, M.P. 53287
Semendy, F. *see* Chen, J.C. 91527
Semenei, Yu.A. *see* Kulizhsky, A.V. 64143
Semenjuk, I. *see* Badier, J. 87982
Semenkoff, M., Guibert, M., Kerdiles, J., Sorel, Y. High power, high gain optical fibre amplifier for multiwavelength transmission systems 86314
Semenkoff, M. *see* Clesca, B. 52596
Semenov, A.D., Sergeev, A.V., Kouminov, P., Gershenzon, E.M., Heusinger, M.A., Nebosis, R.S., Renk, K.F. Whether acoustic mismatch theory holds for the fast bolometric response of YBaCuO films 66352
Semenov, A.D. *see* Nebosis, R.S. 66354
Semenov, A.P. Generation of high-current ion beams by cold hollow-cathode sources 53144
Semenov, A.Yu. *see* Afanasiev, S.V. 52771
Semenov, P.A. *see* Buyanov, O.V. 98501
Semenov, S.L. *see* Dianov, E.M. 94080
Semenov, V.A. *see* Schell, P. 94510
Semenov, V.E. *see* Kaliteevsky, N.A. 84721
Semenov, V.V. *see* Biryulin, Yu.F. 87197
Semenov, Yu.G. *see* Belyaev, A.E. 62222
Semenova, E.M. *see* Chupis, V.N. 55530
Semenova, I.V. *see* Ludman, J.E. 83375
Semenovker, I.E. New types of boilers manufactured by Mitsubishi for supercritical- and ultra-supercritical-pressure power-generating units 89631
Semerenko, M. *see* Volosovitch, A. 82689
Semerenko, M.M. *see* Demchenko, Y.V. 83374
Semertzidis, Y. *see* Bennett, G. 76550
Semibratova, I.V. *see* Solyakov, V.K. 89620
Semidetnov, N. *see* Ruck, B. 66769
Seminozhenko, V.P. *see* Usoskin, A.I. 91586
Semjonov, S.L., Bubnov, M.M., Dianov, E.M., Shchebunyaev, A.G. Reliability of aluminium coated fibers at high temperature 94096
Semjonov, S.L. *see* Abramov, A.A. 56335
Semkiw, J. *see* Ruighaver, A.B. 50636
Semlyen, A., De Leon, F. Eddy current add-on for frequency dependent representation of winding losses in transformer models used in computing electromagnetic transients 54060
Semlyen, A. *see* de Leon, F. 68682
Semlyen, A. *see* Soysal, A.O. 59902
Semlyen, A. *see* Soysal, A.O. 89191
Semmens, J.E. *see* Martell, S.R. 92828
Semo, J. *see* Abiven, J. 52540
Semo, J. *see* Bouadma, N. 63851
Semo, J. *see* Kalonji, N. 56370
Semo, J. *see* Nakajima, H. 83174
Semon, D. *see* Barakat, M. 98712
Sempere, J.C. *see* Blondel, Ph. 99133
Semrau, M. *see* Kiessling, F. 100886
Sen, A., Maitra, P. A comparative study of shuffle-exchange, Manhattan street and supercube network for lightwave applications 52177
Sen, A. *see* Chong Chin Soon 81032
Sen, A.K. Millimeter wave applications in strategic areas 58039
Sen, A.K., Bera, R., Sengupta, M.K., Datta, A.K., Tarafder, G., Chattopadhyay, S., Dasgupta, M.K., Calla, O.P.N., Rana, S.S. Integrated water vapour content by scanning radiometry 59547
Sen, D., Irving, D.H., Holmes, W.H. Use of an auditory model to improve speech coders 84058
Sen, P., Yang, J.-B. Design decision making based upon multiple attribute evaluations and minimal preference information 69524
Sen, P.C. *see* Liu, Y.-F. 68774
Sen, P.C. *see* Yan-Fei Liu 100212
Sen, P.K., Larson, S.L. Fundamental concepts of regulating distribution system voltages 78103
Sen, P.K., Wood, D., Selman, J.D. Evaluation of breaker transient recovery voltage (TRV) duty using the Electro-Magnetic Transient Program (EMTP) 90284
Sen, P.K. *see* Phipps, J.K. 59930
Sen, S., Doverspike, R.D., Cosares, S. Network planning with random demand 96275
Sen, S., Pal, P., Misra, T.N. Characteristics of some polyene-iodine CT complex based solid-state batteries 60405
Sen, S. *see* Gupta, D. 53086
Sen, S. *see* Hamilton, W.J. 88060
Sen, S. *see* Hamilton, W.J. 98576
Sen, S.K. *see* Lakshmikantham, V. 54759
Sen, S.K. *see* Lakshmikantham, V. 54764
Sen, T., Nosochkov, Y., Pilat, F., Stiening, R., Ritson, D.M. Chromaticity correction for the SSC collider rings 66883
Sen, T., Syphers, M.J. Second order chromaticity of the interaction regions in the collider 66882
Sen, T., Syphers, M.J. Effect of power supply ripple on emittance growth in the collider 67367
Sen, T. *see* Nosochkov, Y. 76284
Sen, T. *see* Nosochkov, Y. 87840
Sen, T. *see* Pilat, F. 66913
Sen, T. *see* Syphers, M.J. 66880
Sen, T. *see* Syphers, M.J. 66881
Sen Jung Wei *see* Hao Tang 55851
Sen Mao *see* Hoping Zeng 72963
Sen Pung Kuin *see* Pung Kuin Sen
Senac, P., Diaz, M., de Saqui-Sannes, P.D. Toward a formal specification of multimedia synchronization scenarios 74806
Senadji, B., Grenier, Y. Broadband source localization by regularization techniques 75657
Senaj, V., Krizik, M., Frollo, I. Transient response aspects of gradient magnetic fields used in nuclear magnetic resonance imaging 67514
Senaj, V., Petras, P., Krizik, M. The measurement of gradient magnetic fields using an induction method 53035
Senane, H., Saadane, A., Barba, D. The computation of visual components in a subband decomposition of images 74536
Senani, R., Bhaskar, D.R. Versatile voltage-controlled impedance configuration 92354
Senani, R., Malhotra, J. Minimal realisations of a class of operational-mirrored-amplifier-based floating impedances 70726
Senani, R. *see* Bhaskar, D.R. 49199
Senatorov, A. *see* Basiev, T. 72772
Senatorov, A.K. *see* Andreev, A.T. 56353
Senatra, D. *see* Carla, M. 82102
Senba, K., Ishikawa, H. Prediction and preservation techniques for GIS 90221
Senba, N. *see* Kousaka, T. 91059
Senba, T. *see* Nishihara, M. 96141
Senchenkov, A.S. *see* Salk, M. 69918
Senda, H. *see* Matsuno, F. 90452
Senda, J. *see* Hinamoto, T. 49562
Senda, K. *see* Arimoto, A. 64044
Senda, K. *see* Gorwadkar, S. 79992
Senda, M. *see* Shibuya, H. 54490
Senda, M. *see* Yamamoto, S. 84923
Senda, T. *see* Yamaguchi, F. 58603
Senden, T.J. *see* Ladouceur, F. 94163
Senderak, R. *see* Vavra, I. 93048
Sendra, J.R., Anguita, J. Reactive ion beam etching of indium phosphide in electron cyclotron resonance plasma using methane/hydrogen/nitrogen mixtures 49901
Sendrier, N. Product codes and the Singleton bound 73658
Sene, M. *see* Benayoun, M. 59095
Sene, R. *see* Benayoun, M. 59095
Sene Alegret, M.L., Ruano Lopez, A. Quality elements in telecommunications and information exchange 65113
Seneff, S. *see* Meng, H.M. 95347
Seneff, T., McKay, L., Sakamoto, K., Tracht, N. A sub-1 mA 1.5-GHz silicon bipolar dual modulus prescaler 91975
Sener, F.P. *see* Paserba, J.J. 68209
Seneviratne, A., Fry, M., Withana, V., Saparamdu, V., Richards, A., Horlait, E. Quality of service management for distributed multimedia applications 74866
Senez, V., Collard, D., Baccus, B., Brault, M., Lebailly, J. Analysis and application of a viscoelastic model for silicon oxidation 93157
Senfar Wen, Sien Chi, Tze-Chung Chang Effect of cross-phase modulation on optical phase conjugation in dispersion-shifted fiber 63421
Senfar Wen *see* Sien Chi 83009

Senftleben, H. *see* Peier, D. 53658
Seng Lim Koon *see* Koon Seng Lim
Seng Slew Ng *see* Pooi Yuen Kam 84246
Seng Toh Peng *see* Toh Peng Seng
Seng-Tiong Ho *see* Mee Koy Chin 72726
Seng-Woon Chen, Ho, T.C., Pande, K., Rice, P.D. Rigorous analysis and design of a high-performance 94 GHz MMIC doubler 49660
Seng-Woon Chen *see* Ho, T.C. 49657
Senga, K. *see* Ichikawa, S. 61283
Senger, P. *see* Miskowiec, D. 98541
Sengoku, M., Tamura, H., Shinoda, S., Abe, T. Development in graph- and/or network-theoretic research of cellular mobile communication channel assignment problems 86193
Sengoku, M. *see* Shimada, K. 75354
Sengoku, M. *see* Watanabe, K. 48809
Sengoku, M. *see* Yamaguchi, Y. 58491
Sengoku, M. *see* Yamaguchi, Y. 65893
Sengoku, M. *see* Yamaguchi, Y. 67794
Sengstack, J. MPEG sets the standard 57733
Sengupta, A. *see* Konar, S. 83299
Sengupta, B. *see* Melamed, B. 96749
Sengupta, B. *see* Merchant, A. 65623
Sengupta, B. *see* Rege, K.M. 96206
Sengupta, B. *see* Takine, T. 58217
Sengupta, B. *see* Takine, T. 65009
Sengupta, L.C. *see* O'Day, M.E. 79989
Sengupta, M.K. *see* Sen, A.K. 59547
Sengupta, R., Bandyopadhyay, T. Importance of safety testing of electronic components 48654
Sengupta, S., Mukhopadhyay, A.K. An advanced microprocessor based differential relay based on autosearching algorithm 78194
Sengupta, S., Mukhopadhyay, A.K. A microprocessor based generalised protection scheme against single phasing 78195
Sengupta, S. *see* Samuelson, L.A. 66518
Sengupta, S.K. *see* Kuo, C.S. 62652
Sengupta, S.K. *see* Kwo-Sen Kuo 77395
Senhorst, H.A.J. *see* Joosten, G.J.P. 55773
Senichev, Yu., Cutler, R., Hurd, J., Raparia, D. Beam loading effect in SSCL coupled cavity linac 87871
Senichkina, A. *see* Berezhnoi, A.A. 63482
Senina, I.S., Surkov, M.N., Fedosov, V.P. Generator of the envelope of probing signals with low level of out-of-band emission 51480
Senini, S. *see* Flinders, F. 90498
Senior, J.M., Asumu, D.E., Bickers, L., Finegan, T. Software tools for design/planning an optical access network 52530
Senior, J.M. *see* Al-Raweshidy, H.S. 86377
Senior, J.M. *see* Cryan, R.A. 52473
Senior, J.M. *see* Cryan, R.A. 82569
Senior, J.M. *see* Milner, S.H. 48827
Senior, J.M. *see* Murtaza, G. 87241
Senior, J.M. *see* O'Farrell, T. 96238
Senior, J.M. *see* Phillips, A.J. 58419
Senior, P., Butterfield, P.G., Stewardson, H.R., Smith, I.R., Vadher, V.V. Explosive MHD and flux compression generators 100361
Senior, P. *see* Stewardson, H.R. 60403
Senior, R.S. *see* Savitz, D.A. 67634
Senjyu, T., Gibo, N., Uezato, K. Cooperative fuzzy control of AVR and GOV based on sliding mode for improving transient stability of power systems 59795
Senjyu, T., Gibo, N., Uezato, K. Cooperative control of AVR and GOV taking the uncertainty of a state variable into consideration to improve transient stability of power systems 68097
Senjyu, T., Kamifurutono, H., Uezato, K. Robust speed control of DC servo motor 90109
Senjyu, T., Kamifurutono, H., Uezato, K. Robust speed control of DC servo motor based on Lyapunov's direct method 100179
Senjyu, T., Kamifurutono, H., Uezato, K. Robust current control method of voltage source PWM inverter 100364
Senjyu, T., Nakahama, S., Uezato, K. Damping method of rotor oscillation for variable reluctance type stepping motor using fuzzy reasoning 60260
Senjyu, T., Tomita, M., Doki, S., Okuma, S. Sensorless vector control of brushless DC motors using disturbance observer 68647
Senjyu, T., Uezato, K. Speed control of ultrasonic motor by hybrid control 90042
Senjyu, T., Uezato, K. Stabilization method for power systems using variable series impedance 99580
Senjyu, T., Uezato, K. Microprocessor based nonlinear excitation controller for synchronous machines 100110
Senjyu, T. *see* Tomori, Y. 100844
Senjyu, T. *see* Uezato, K. 78609
Senker, J. Barriers to technology transfer in small British biotechnology firms 60835
Senkevich, S.L. *see* Kirilenko, A.A. 70842
Senkevich, S.L. *see* Kirilenko, A.A. 70843
Sen'ko, A.P. *see* Akhiezer, A.N. 66597
Senko, V.I., Kalinichenko, A.P., Lebedenko, S.A., Fan-Kuok-Zung PWM algorithms for the output voltage of a three-phase bridge inverter 80122
Senmao Lin, Kumazawa, I. A new nonlinear spatial encoding method for cascadable fuzzy logic 50645
Senmao Lin, Kumazawa, I. Optically programmable two-channel sorting network based on a polarization and area-encoded technique 72513
Senn, P. *see* Tawfik, M.S. 80493
Senn, R. *see* Kuhl, L. 68145
Senna, M. *see* Katayama, K. 81535
Sennaroglu, A., Pollock, C.R., Nathel, H. Generation of tunable femtosecond pulses in the 1.21-1.27 μm and 605-635 nm wavelength region by using a regeneratively initiated self-mode-locked Cr:forsterite laser 82974
Senne, P. *see* Carlberg, C. 88261
Sennenbara, N. *see* Nakagawa, T. 68739
Sennhauser, R., Ohnesorge, K.W. Document image compression using document analysis and block-class-specific data compression methods 64683
Sennott, L.I. Stochastic games and flow control models 85241
Sennova, E.V., Stennikov, V.A. A comprehensive technique for substantiating engineering and economic concepts on the development of heat-supply systems that include the reliability factor in their design 89671
Seno, H. *see* Kai, K. 52675
Seno, R. *see* Wehner, E. 82882
Senoh, T. *see* Akiyama, T. 97609
Sensiper, M. *see* Faska, T.S. 87298
Senthinathan, R., Cangellaris, A.C., Prince, J.L. Reference plane parasitics modeling and their contribution to the power and ground path "effective" inductance as seen by the output drivers 79350
Senthinathan, R. *see* Hsu, P. 69577
Sentieiro, J. *see* Santos-Victor, J. 84652
Sentieys, O. *see* Martin, E. 49050
Sentovich, E.M., Brayton, R.K. An exact optimization of two-level acyclic sequential circuits 92034
Senturia, S. *see* Xuejun Cai 66269
Senturia, S.D. *see* Sobek, D. 59380
Senu, T. *see* Egawa, K. 78174
Senzai, T. *see* Kurata, M. 66091
Seo, D.-S. *see* Nishikawa, M. 87362
Seo, H.S. *see* Kang, B.K. 76650
Seo, I. *see* Azumai, Y. 83259
Seo, J.-W. *see* Cheong, J.-M. 82691
Seo, J.W. *see* Adesida, I. 58796
Seo, K.-S. *see* Kim, B.-S. 62870
Seo, K.S. *see* Yang, G.M. 71100
Seo, M.J. *see* Taipale, D.J. 95112
Seo, Y.S. *see* Lee, C.S. 71455
Seo Beom-Seok *see* Beom-Seok Seo
Seo Byeong-Soo *see* Byeong-Soo Seo
Seo Chulhun *see* Chulhun Seo
Seo Dae-Shik *see* Dae-Shik Seo
Seo Dong Il *see* Dong Il Seo
Seo Hee Don *see* Hee Don Seo
Seo Heedon *see* Heedon Seo
Seo Jeong Bin *see* Jeong Bin Seo
Seo Jin Ho *see* Jin Ho Seo
Seo Ki Sung *see* Ki Sung Seo
Seo Koo Yong *see* Yong Seo Koo
Seo Kwang Seok *see* Kwang Seok Seo
Seo Kwang Yell *see* Kwang Yell Seo
Seo Kyu Kim *see* Jae Ho Kim 65229
Seo Seong Woo *see* Seong Woo Seo
Seo Yang Min *see* Yang Min Seo
Seo Yong-Su *see* Yong-Su Seo
Seo Youn-Sun *see* Youn-Sun Seo
Seoane, A. *see* Iglesias, T.P. 58948
Seob Baek Jong *see* Jong Seob Baek
Seob Cho Byung *see* Byung Seob Cho
Seob Park Byoung *see* Park Byoung Seob
Seob Song In *see* In Seob Song
Seock Kim Inn *see* Inn Seock Kim
Seog Chae, Young Suk Oh, Sang Yun Lee, Ji Hong Lee A study on automatic adjustment of white-balance for color television by using the fuzzy logic 75709
Seog Choi Jin *see* Jin Seog Choi
Seog Hong Hyeon *see* Hyeon Seog Hong
Seog Tae Han, Chang Hoon Lee, Jeong Bin Seo, Dong Chul Park A study on the fabrication and design of superconducting tunnel junction for millimeter wave mixers 70889
Seog Tae Han *see* Chang Hoon Lee 70891
Seog-Soon Ahn *see* Young-Uk Cha 85848
Seog-Tae Han *see* Chong-Ah Park 86635
Seog-Whan Kim, Hyun-Kyo Jung, Song-Yop Hahn An optimal design of capacitor-driven coilgun 73247
Seoh, M. *see* Park, W.J. 69645
Seok Ahn Ihn *see* Ihn Seok Ahn
Seok Bung Han *see* Jong Ryul Park 80260
Seok Chang Kim, Byeong Gi Lee Synchronization of shift register generators in distributed sample scramblers 51737
Seok Chang Kim, Byeong Gi Lee Simple realizations of distributed sample scramblers using the concept of sampling vectors 74652
Seok Han Jong *see* Jong Seok Han
Seok Ho Kim *see* In-Kyung Kim 97168
Seok Hong Ui *see* Ui Seok Hong
Seok Je Cho *see* Kyeong Hoon Do 74397
Seok Jin Jang, Sun Mee Kang, Hyeog Gu Kim, Woo Shik Rho, Duck Jin Kim A study on hanguel character recognition using GRNN 74402
Seok Kang Min *see* Min Seok Kang
Seok Kim Gi *see* Gi Seok Kim
Seok Lee Jong *see* Jong Seok Lee
Seok Min Hong *see* In Seob Song 76076
Seok Nam Yoon *see* Byeong Ro Kang 71587
Seok Oh Won *see* Won Seok Oh
Seok Seo Kwang *see* Kwang Seok Seo
Seok Tae Kim *see* Taek Moo Kim 72448
Seok Woo Choi, Dong Yong Kim, Hyong Kap Kim A modified low-pass filter with progressively diminishing ripples 74049
Seok-Hee Han, In-Joong Ha, Tae-Kyoon Ha, Ha Heon Huh, Myoung-Sam Ko An iterative learning approach to error compensation of position sensors for servo motors 97936
Seok-Jin Yoon *see* Wang-Sup Kim 50252
Seok-Yoon Kim, Gopal, N., Pillage, L.T. Time-domain macromodels for VLSI interconnect analysis 82041
Seok-Yoon Kim *see* Anastasakis, D.F. 55085
Seok-Yoon Kim *see* Gupta, R. 91761
Seol, S.Y., Chyu, M.C. Stability criterion for composite superconductor of large aspect ratio 56238
Seol Byong Su *see* Byong Su Seol
Seol Lee Sang *see* Sang Seol Lee
Seol Yeo-Song *see* Yeo-Song Seol
Seon Kim Tae *see* Tae Seon Kim
Seong, H.H., Kim, D.J., Cho, G.H. ZCS-ZVS mixed mode PWM resonant converter for snubber energy recovery of 3-level GTO inverter 100310
Seong, T.Y. *see* Philips, B.A. 61299
Seong Beom Park, Jay Hyouk O, Chong Ho Lee VLSI implementation of Hopfield neural network 80523
Seong Bin Lim, Hak Keun Choi A study on the analysis of coaxial collinear antennas for base station of mobile communications 97129
Seong Dae Kim *see* Jung Jang Kwon 74392
Seong Dong Su, Kim Ho Sung, Park Kyu Ho Incremental clustering of attributed graphs based on entropy criterion 91264
Seong Dong Su *see* Dong Su Seong
Seong Hoon Kim *see* Byung Hwan Jun 95879
Seong Hyeon Kyeong *see* Hyeon Kyeong Seong
Seong Il Kim, Moo Sun Kim, Suk Ki Min, Choo Chon Lee Lattice contraction and critical layer thickness of carbon doped GaAs epilayers by LPMOCVD 70006
Seong Jhin Choi *see* Sang Yoon Choi 75379
Seong Ju Park *see* Jeong Rae Ro 70021
Seong Lee Ho *see* Ho Seong Lee
Seong Moon Hwan *see* Hwan Seong Moon
Seong Park Jin *see* Jin Seong Park
Seong Poong-hyun *see* Poong-hyun Seong
Seong Ryong Yoo *see* Doo Sik Shin 81566
Seong Tae-Yeon *see* Tae-Yeon Seong
Seong Whan-Kyung *see* Whan-Kyung Seong
Seong Woo Kim *see* Taek Moo Kim 72448
Seong Woo Seo *see* Sang Kyu Park 81567
Seong Woon Choi, Sang Gyun Woo, Jin Min Kim, Jeong Min Son, Jeong Gey Lee A new simple method of extending the limit of rim phase shift mask 62582
Seong-Cho Yu *see* Kyeong-Sup Kim 63169
Seong-Chul Kim *see* Chae-Ryong Cho 93751
Seong-Dae Kim *see* Tae-Sung Kim 79687
Seong-Dong Kim *see* Il-Jung Kim 81781
Seong-Hak Choi *see* Yong-Ho Oh 71456
Seong-Ik Jang, Jaekyung Chung, Yongman Lee, Keewook Chung, Wonchan Kim, Choong-Woong Lee A real-time identification method on motion and out-of focus blur for a video camera 66063
Seong-Ik Jang *see* Yongman Lee 66062
Seong-Il Kim, Moo-Sung Kim, Suk-Ki Min Analysis for double-heterostructure stripe type laser diode 72807
Seong-Il Kim, Yong Kim, Moo-Sung Kim, Chun Keun Kim, Suk-Ki Min, Choochon Lee Carbon doping characteristics of GaAs and $Al_{0.3}Ga_{0.7}As$ grown by atmospheric pressure metalorganic chemical vapor deposition using CCl_4 81438
Seong-Il Kim *see* Moo-Sung Kim 48933
Seong-in Kim *see* Sherali, H.D. 48821
Seong-Joo Jang, Dong-Keun Kim, Byung-Teak Lee, Jong-Lam Lee Transient-mode liquid phase epitaxial growth of GaAs layer on MBE-coated GaAs/Si substrates 69951
Seong-Ju Kim, Ji-Hong Kim, Dae-Youp Lee, Young-Hoon Ko, Byung-Sun Park, Chun-Geun Park Photoresist materials based on organometallic containing polysulfones 55839
Seong-Ju Park, Jeong Sook Ha, Jeong-Rae Ro, Jae-Ki Sim, El-Hang Lee, Il Cheol Jeon Atomic force microscopy study of surface morphology of GaAs grown by atomic layer epitaxy using trimethylgallium and arsine 69983
Seong-Kue Jo *see* Yoon-Ha Jeong 71622
Seong-Lyun Kim *see* Sehun Kim 75330
Seong-Rae Lee *see* Yong-Seon Park 71941
Seong-Uk Choi *see* Jin-Ho Lee 92180
Seong-Whan Lee, Hee-Heon Song Optimal design of reference models for large-set handwritten character recognition 84637
Seong-Whan Lee *see* Eun-Soon Kim 95840
Seongbong Kim *see* Jechang Jeong 86735
Seongil Im *see* Gupta, A. 49869

Seongil Jin, Dukbin Lim, Jinpyo Hong Performance analysis of service control point in the intelligent network 85938
Seop Koh Chang *see* Chang Seop Koh
Seop Lee Hang *see* Hang Seop Lee
Seoung In Yang *see* Uei Joong Yoon 73323
Seoung-Hwan Park, Weon-Guk Jeong, Byung-Doo Choe Threshold current density of strained InGaAs/InGaAsP quantum well lasers lattice matched to GaAs 56768
Seow Tan Leng *see* Leng Seow Tan
Sepe, R.B., Lang, J.H. Implementation of discrete-time field-oriented current control 53994
Sepe, R.B., Lang, J.H. Implementation of discrete-time field-oriented current control 68543
Sepe, R.B., Jr. A unified approach to hysteretic and ramp-comparison current controllers 60249
Sepehri, A.A. On possible methods of stability assurance of linear shift variant IIR digital filters 49554
Sephton, A.J., Brown, L.M.J., Macklin, J.T., Partington, K.C., Veck, N.J., Rees, W.G. Segmentation of synthetic-aperture radar imagery of sea ice 77448
Seppa, H., Satrapinski, A., Varpula, T., Saari, J.-M. Frequency dependence of some 100 Ω resistors measured with a CCC-based AC resistance bridge 80889
Seppa, H. *see* Sipola, H. 86894
Seppa, T.O. Factors influencing the accuracy of high temperature sag calculations 68264
Sepulveda, E.R. *see* Staranczak, G.A. 85388
Sepulveda, M. *see* Rodriguez, J. 100246
Seqqat, M. *see* Godinho, M. 63191
Ser, P.-K., Siu, W.-C. Invariant Hough transform with matching technique for the recognition of non-analytic objects 84942
Ser Pui-Kin *see* Pui-Kin Ser
Sera, K. *see* Fujieda, I. 98097
Sera, K. *see* Tanabe, H. 79888
Sera, M.M., Mack, B. BiCMOS process offers power, performance and cost advantages 82095
Serafim, P. *see* Sprangle, P. 63885
Serafin, C., Wen, C., Paelke, G., Green, P. Car phone usability: a human factors laboratory test 96879
Serafin, J. *see* Held, R. 55974
Serafin, J. *see* Neubrand, H. 56000
Serafini, D. *see* Demaria, T. 58166
Serafini, L. *see* Ferrario, M. 87912
Serafini, L. *see* Rosenzweig, J. 76723
Serati, R.A. *see* McKnight, D.J. 56445
Serban, A. *see* Lee, S. 78775
Serbest, A.H. *see* Buyukaksoy, A. 57088
Serbin, M.R. *see* Adar, R. 82694
Serbin, M.R. *see* Yaffe, H.H. 72385
Serbin, V.I. *see* Andreev, P.V. 60074
Serci, S. *see* Lai, A. 88215
Serci, S. *see* Martin, A. 67356
Serdijn, W.A., van der Woerd, A.C., Davidse, J., van Roermund, A.H.M. A low-voltage low-power fully-integratable automatic gain control for hearing instruments 88549
Serdijn, W.A. *see* van der Woerd, A.C. 80093
Serdobintsev, G. *see* Korchuganov, V. 66999
Serdobintsev, G. *see* Nezhevenko, O. 76375
Sere, E. *see* Fang, X. 54805
Serebrennikov, D. *see* Perelstein, E. 76542
Serebryakov, G.V. *see* Mal'tsev, A.A. 84380
Serebryanikov, N.I., Kuznetsov, E.K. Problems and early results of operation of the Moscow power system in the transition to a market economy 89047
Serenko, M.Yu. *see* Lyalikov, A.M. 73180
Sereno, D. *see* Cellario, L. 52258
Sereno, D. *see* Kleijn, W.B. 84100
Sereno, J. *see* Johnson, D.R. 90807
Sereno, N.S., Cardman, L.S., Krafft, G.A., Sinclair, C.K., Bisognano, J.J. Studies of multipass beam breakup and energy recovery using the CEBAF injector linac 87902
Serenyi, M. *see* Riesz, F. 66345
Seres, J., Klebniczki, J., Hebling, J. Nine-thousand-fold pulse shortening by an excimer laser-pumped cascade of two distributed feedback dye lasers 94365
Seret, D., Jae-il Jung Translation of user's QoS parameters into ATM performance requirements 96804
Seret, D. *see* Dromard, D. 85891
Seret, D. *see* Xinxin Zhang 85523
Serfass, J.A., Bergman, M.K., Rodenhiser, W. Commercial, environmental and legislative factors that influence the implementation of fuel cells 60449
Serfozo, R.F. Little laws for utility processes and waiting times in queues 79545
Sergachev, A.A. *see* Volkov, S.S. 53141
Sergan, T.A. *see* Savchuk, A.V. 50450
Sergan, T.A. *see* Savchuk, A.V. 63350
Sergeev, A. *see* Babin, A. 73150
Sergeev, A.M. *see* Vanin, E.V. 83285
Sergeev, A.S. *see* Ginzburg, N.S. 51035
Sergeev, A.S. *see* Ginzburg, N.S. 56819
Sergeev, A.S. *see* Ginzburg, N.S. 83204
Sergeev, A.S. *see* Ginzburg, N.S. 94547
Sergeev, A.V. *see* Semenov, A.D. 66352
Sergeev, D.V. *see* Evstropov, V.V. 55616
Sergeev, G.I. *see* Akimochkin, Yu.V. 53093
Sergeev, G.I. *see* Moskalev, V.A. 53095
Sergeev, S.V. *see* Gaisenok, V.A. 56644
Sergeev, V.V. *see* Vysotina, N.V. 83246
Sergeev, Yu.G. *see* Aronov, M.A. 93701
Sergeeva, O.S. *see* Skachkov, V.S. 76684
Sergei, U. *see* Yuri, F. 98338
Sergent, A.M. *see* Chen, Y.K. 72896
Sergent, A.M. *see* Morton, P.A. 56750
Sergent, A.M. *see* Morton, P.A. 56761
Sergent, A.M. *see* Morton, P.A. 56788
Sergent, A.M. *see* Tsang, W.T. 72855
Sergent, C.Le *see* Le Sergent, C.
Sergeyeva, T.A. *see* Rachkov, A.E. 67441
Sergienko, A.B. *see* Rogov, A.N. 94216
Sergienko, I.V. *see* Lebedeva, T.T. 69757
Sergo, V. *see* Benda, V. 94030
Sergo, V. *see* Rossi, L. 94021
Serhan, S.J. Dynamic behavior and identification of failure modes of cooling towers 78292
Sericola, B. *see* Ledoux, J. 91222
Serikawa, I. *see* Enokizono, M. 54013
Serikawa, M., Katayama, T., Takeuchi, H., Taguchi, A. Transient acoustic analysis in room by modal analysis approach 77727
Serikawa, S., Shimomura, T. Extraction of glossiness of curved surfaces by the use of spatial filter simulating retina function 51630
Serikawa, S., Shimomura, T. Gloss sensing system using spatial filter with multiresolution 98330
Serikawa, T., Shirai, S., Takaoka, S., Murase, K., Ishida, S. Electrical conductions of high mobility poly-Si thin film transistors at low temperatures 55955
Serikawa, T. *see* Ishida, S. 49983
Serikawa, T. *see* Suyama, S. 49009
Serin, L. *see* Gingrich, D. 53291
Serin, N. *see* Serin, T. 93055
Serin, T., Serin, N. Determination of electron-diffusion length from photocurrent characteristics of the structure ITO/a-SiC:H(p-type)/a-Si:H/a-Si:H(n-type)/Pd 93055
Serio, M. *see* Bartalucci, S. 67061
Serio, M. *see* Fox, J.D. 76552
Serio, M. *see* Sapozhnikov, L. 98468
Serizawa, J. *see* Fujihara, F. 80993
Serizawa, K. *see* Miyano, I. 82049
Serizawa, Y. *see* Hanamura, M. 54127
Serk Shim Young *see* Young Serk Shim
Serkland, D.K., Eckardt, R.C., Byer, R.L. Continuous-wave total-internal-reflection optical parametric oscillator pumped at 1064 nm 73060.
Sermage, B. *see* Sik, H. 93182
Serna, A.E.de la *see* de la Serna, A.E.
Serna, M.A. *see* Briones, L. 99865
Serna, R. *see* Vega, F. 62370
Sero, R. The Sizewell B heritage 99900
Serov, A.V. Effect of radiative friction on the phase space of a beam moving in a free electron laser 50880
Serov, A.V. Experimental investigation of the operation of a parametric free-electron laser which utilises transition and synchrotron radiations 56597
Serov, R.V. *see* Kozhevnikov, I.V. 67409
Serov, V. *see* Akimov, V. 53300
Serov, V.S. *see* Akimov, V.A. 53286
Serpa, R.J. Macintosh computer-assisted laser videodisc and CD-ROM based curriculum in secondary education resource rooms 52732
Serpanos, D.N. A multiprocessor architecture for routing multiple protocols 52093
Serpanos, D.N. Multiprocessing in multiprotocol routers 65250
Serpanos, D.N. *see* Zitterbart, M. 96764
Serpico, S.B., Roli, F., Pellegretti, P., Vernazza, G. Structured neural networks for the classification of multisensor remote-sensing images 77226
Serpico, S.B. *see* Pellegretti, P. 57785
Serpico, S.B. *see* Pellegretti, P. 67893
Serra, A.Cruz *see* Cruz Serra, A.
Serra, J. Morphological filtering: an overview 73980
Serra, J. *see* Salembier, P. 84951
Serra, J. *see* Szorenyi, T. 48978
Serra, L. *see* Montangero, P. 56744
Serra, L. *see* Montangero, P. 94536
Serra, M. *see* Fummi, F. 49297
Serra, P. *see* Cecchini, S. 88183
Serrano, A., Melrose, E. New communication technologies applied to services of social benefit 96301
Serrano, E., Lopez, V., Carrascosa, M., Agullo-Lopez, F. Steady-state photorefractive gratings in $LiNbO_3$ for strong light modulation depths 64030
Serrano, L. *see* Cabeza, R. 49529
Serrano, M.D. *see* Sochinskii, N.V. 81455
Serrano, T., Linares-Barranco, B. The active-input regulated-cascode current mirror 70304
Serrano-Carbayo, J.L. *see* Sanz-Bobi, M.A. 78438
Serre, C., Barret, S., Herino, R. Characterization of the electropolishing layer during anodic etching of p-type silicon in aqueous HF solutions 71373
Serre, F. *see* Gaumont-Goarin, E. 56787
Serre, J. *see* Breuze, G. 75435
Serres, A.W. Reducing the length of an integrated compact fluorescent lamp 90632
Serres, A.W., Taelman, W. Amalgams and compact fluorescent lamps 69212
Serreze, H.B. *see* Tatum, J.A. 94571
Serri, A. *see* Locci, N. 68563
Serri, L. *see* Fantini, V. 72957
Serro, C. Tradeoffs in real time protocol standardization 57998
Serro, C. System level real time distributed diagnosis 57999
Servatius, B. *see* Patkar, S. 79600
Servel, A. *see* Charles, A. 69183
Servet, B. *see* Horowitz, G. 81983
Servin, M., Malacara, D., Cuevas, F.J. Direct-phase detection of modulated Ronchi rulings using a phase-locked loop 58825
Servoli, L. *see* Adam, A. 88087
Servoli, L. *see* Adam, A. 88102
Servoli, L. *see* Adriani, O. 88023
Servoli, L. *see* Battiston, R. 53350
Servranckx, R. *see* Li, M. 66789
Servranckx, R. *see* Wu, X. 66917
Servranckx, R.V. New features in DIMAD 66889
Servranckx, R.V. *see* Iliev, A.I. 87842
Seryapin, V.G. *see* Myasnikov, A.M. 81453
Seryi, A.A. *see* Baklakov, B.A. 59034
Sesekura, T. *see* Araki, T. 60588
Seshadri, K., Reisman, S., Daum, M., Zorowitz, R., DeMeersman, R. Heart rate variability in stroke population and normals: a comparison using spectral analysis 67436
Seshadri, N. Joint data and channel estimation using blind trellis search techniques 51293
Seshadri, N., Sundberg, C.-E.W. List Viterbi decoding algorithms with applications 51350
Seshadri, N., Winters, J.H. Two signaling schemes for improving the error performance of frequency division duplex (FDD) transmission systems using transmitter antenna diversity 65634
Seshadri, N. *see* Wong, W.C. 86178
Seshadri, S.R. *see* So, D.W.C. 63430
Seshadri, V. *see* Reddy, H. 78500
Seshadri, V. *see* Sasisekharan, R. 74856
Seshan, N., Frantz, G., Lin, K.-S., Auslander, E. The role of digital signal processing in personal communications networks 58331
Seshan, S.S. *see* Sundaram, K.B. 81858
Seshita, T., Ikeda, Y., Wakimoto, H., Ishida, K., Terada, T., Matsunaga, T., Suzuki, T., Hashimoto, T., Kitaura, Y., Uchitomi, N. 20 GHz 8b multiplexer implemented with 0.5 μm WNx/W-gate GaAs MESFETs 96942
Seskar, I. *see* Maric, S.V. 95435
Sessler, A. *see* Barletta, B. 76636
Sessler, A.M. *see* Barletta, W.A. 98427
Sessler, A.M. *see* Changbiao Wang 76631
Sessler, A.M. *see* Fawley, W.M. 63873
Sessler, A.M. *see* Jin-Soo Kim 76363
Sessler, A.M. *see* Kim, J.S. 87915
Sessler, A.M. *see* Okamoto, H. 76393
Sestak, J. *see* Stepanek, B. 54815
Sestakova, V. *see* Stepanek, B. 54815
Sesto, E. *see* Casale, C. 68506
Seta, K. *see* Demura, T. 92280
Seta, K. *see* Matsui, M. 97632
Setayeshi, S. Fuzzy min-max neural network based classification of underwater layered media due to attenuation effects 77337
Seth, A. *see* Sarma, S.S. 79568
Seth, G.L. *see* Bagai, R.K. 48901
Seth, M. *see* Datta, A.K. 74578
Seth, S.P. Dry type air core reactors 78694
Seth, T. *see* Dixit, P.N. 50657
Sethares, W. *see* Vembu, S. 74633
Sethares, W.A., Johnson, C.R., Jr. Reply to "Comments on 'A comparison of two quantized state adaptive algorithms' " 51454
Sethares, W.A. *see* Bucklew, J.A. 84302
Sethares, W.A. *see* Bucklew, J.A. 95377
Sethares, W.A. *see* Gu, Z. 84318
Sethares, W.A. *see* Leehter Yao 57554
Sethi, A.S. *see* Kalyanasundaram, P. 85502
Sethi, R. *see* Haworth, M. 76408
Sethi, R.S. Transducer aspects of biosensors 87311
Sethi, R.S. *see* Stone, P.J.W. 56905
Sethi, S., Pushpala, S., Von Salza Brown, T., Takemoto, C., Li, G., Kawski, J.L., Goodall, R.K., Noguchi, H., Luo, D. Advanced photolithographic process modeling and characterization via wafer flatness measurements 81699
Setiadi, D., Regtien, P.P.L., Sarro, P.M. Application of VDF/TrFE copolymer for pyroelectric image sensors 66432
Setiyadi, A. *see* Noguchi, H. 92978
Setkus, A. *see* Ambraveviciene, V. 87329
Setkus, A. *see* Gaggiotti, G. 98162
Setlur, S., Govindaraju, V. Generating manifold samples from a handwritten word 84832
Seto, S. *see* Takebayashi, Y. 51382
Seto, T. *see* Yagi, H. 58831
Setoguchi, T. *see* Kawaguchi, T. 95749
Setojima, M. *see* Akamatsu, Y. 67863
Setola, R. *see* Glielmo, L. 89958
Setsune, K., Mizuno, K., Enokihara, A., Ichihara, Y., Sakai, M., Adachi, H. High-T_c superconducting thin film technology and its device applications 82335
Settai, R. *see* Sawada, A. 98273
Settembre, M. *see* Camarda, P. 52483
Settembre, M. *see* Iannone, E. 52589
Settembre, M. *see* Matera, F. 58401
Settembre, M. *see* Matera, F. 75454

Settembre, M. *see* Matera, F. 83274
Settergren, T. How to reduce testing time for CO equipment 75150
Setterlund, R. *see* Schmidt, G. 88912
Settles, M. *see* Shapiro, G. 76455
Setzer, L. *see* Makram, E.B. 53697
Setzu, M.G. *see* Beier, T. 53305
Setzu, M.G. *see* Grafstrom, P. 76786
Seufert, S.E. *see* Glasser, C.A. 88319
Seuk Pal Cho *see* Jae Ho Kim 65229
Seul Lee Sang *see* Sang Seul Lee
Seung Chul Yoon *see* Sang Hoon Choi 75730
Seung Hak Yang, Harashima, F., Takizawa, S., Kondo, S. Realization of the power-ing/regenerative operation of the induction motor by the parallel resonant power converter and proposal of a novel circuit topology 89963
Seung Hee Lee *see* Sung Yong Kim 74391
Seung Ho Hong Approximate analysis of timer-controlled priority scheme in the single-service token-passing systems 74992
Seung Ho Lee, Jong Wha Chong DINOSAUR: a general multi-layer area router 70252
Seung Hyun Nam, Jong Seob Baek, Moon Key Lee Flexible VLSI architecture of full search motion estimation for video applications 61742
Seung Kee Yang *see* Hwan Seong Moon 61965
Seung Ki Choi *see* Young Il Kang 76783
Seung Ki Sul *see* Jong Woo Choi 68785
Seung Ki Sul *see* Joohn Sheok Kim 69073
Seung Son Jin *see* Jin Seung Son
Seung Won Lee *see* Taek Moo Kim 72448
Seung Wook Lee, Kang Bin Yim, Hwa Ja chung, Gi Hyun Jung, Yong Deak Kim An architecture for the DCT and IDCT using a fast DCT algorithm 95878
Seung Yoon Sei *see* Sei Seung Yoon
Seung Yu Rah, Won Namkung, Young-Soo Kim, Tong-Nyong Lee Status of the Pohang Light Source project 88274
Seung-Chan Moon, Hyeong-Soo Kim, Chang-Moon Lim, Tai-Kyung Won, Soo-Han Choi Characterization of the quarter micron *i*-line lithography using a top surface imaging process 81646
Seung-Chan Moon *see* Sang-Man Bae 81697
Seung-Chang Lee *see* Sun Jin Yun 55741
Seung-Goo Kang *see* Chang-Hee Lee 72858
Seung-Ha Lee, Zeungnam Bien Design of expandable fuzzy inference processor 61741
Seung-Han Park *see* Kyu-Haeng Lee 73053
Seung-Hee Han *see* Jung Yon 71925
Seung-hoon Lee *see* Yunho Choi 49427
Seung-Hoon Lee *see* Yunho Choi 70553
Seung-Ill Moon *see* Tumageanian, A. 60194
Seung-Jin Choi, Schultz, R.R., Stevenson, R.L., Yih-Fang Huang, Ruey-Wen Liu, Morine, L. Contrast enhancement of missile data through image sequence stabilization and product correlation 64660
Seung-Ki Joo *see* Hyo-Dong Pan 48966
Seung-Ki Joo *see* Si-Woo Lee 48967
Seung-Ki Sul *see* Dong-Choon Lee 90533
Seung-Ki Sul *see* Dong-Choon Lee 90580
Seung-Ki Sul *see* Hyung-Soo Mok 69111
Seung-Ki Sul *see* Hyung-Soo Mok 100827
Seung-Ki Sul *see* Jun-Keun Ji 100857
Seung-Ki Sul *see* Jun-Keun Ji 100964
Seung-Ki Sul *see* Young-Real Kim 89979
Seung-Min Lee, Sook-Il Kwun Digital frequency tripling circuit for third harmonic detection by lock-in amplifiers 49249
Seung-Min Lee, Sook-Il Kwun Heat capacity measurement of dielectric solids using a linear surface heater: application to ferroelectrics 53067
Seung-Moon Yoo, Jin Man Han, Ejaz Hag, Sei Seung Yoon, Se-Jin Jeong, Byung Chul Kim, Jung-Hwa Lee, Tae-Seong Jang, Hyung-Dong Kim, Chan Jong Park, Dong Il Seo, Chang Sik Choi, Soo-In Cho, Chang Gyu Hwang A 256M DRAM with simplified register control for low power self refresh and rapid burn-in 70533
Seung-Ri Kim, Nam-Gyu Park, Tae-Soo-Pyo, Whan-Kyung Seong, Si-Woo Lee Development of the real-time CCD photometric program 87278
Seung-Seob Park, Shiratori, N. Distributed systems management based on OSI environment: problems, solutions, and their evaluation 74748
Seung-Uk Chae *see* Ju-Heon An 72356
Seung-Wook Park *see* Hye-Keun Oh 71479
Seungchul Park, Yanghee Choi An end-to-end connection management protocol for multimedia multipoint communications 74870
Seungjun Yi *see* Ali Amin 55712
SeungKyung Park *P*-partitions and *q*-stirling numbers 91276
Seungmoo Choi, Das, M.B. Origin and modeling of the frequency dependent output conductance in microwave GaAs MESFET's with buried p layer 92516
Seurat, R. *see* Seurat, S. 54205
Seurat, S., Seurat, R. Comparison of the discounted total costs between electric vehicles and the equivalent fuel combustion vehicles 54205
Sevastyanov, B.K. *see* Sharonov, M.Yu. 83031
Sevenhans, J. Circuit techniques for 3 volt RF MMICs 92621
Sevenhans, J., Haspeslagh, D., Delarbre, A., Kiss, L., Chang, Z., Kukielka, J.F. An analog radio front-end chip set for a 1.9 GHz mobile radio telephone application 97137
Sevenhans, J. *see* Gevaert, D. 49504
Sever, Z. *see* Mikac, B. 96280
Severgin, Yu. *see* Efimov, S. 76546
Severgin, Yu. *see* Rybakov, E. 76657
Severgin, Yu.P., Filimonov, M.Z. Insulating and metal-ceramic materials for particle accelerators 76321
Severgin, Yu.P. *see* Belov, V.P. 87851
Severgin, Yu.P. *see* Dolinsky, A.V. 87852
Severgin, Yu.P. *see* Kukhtin, V.P. 72176
Severikov, V.N. *see* Voitovich, A.P. 94360
Severini, H. *see* Fenker, H. 67313
Severini, R. *see* Moglie, F. 49631
Severns, M.L., Johnson, M.A. The care and fitting of Naka-Rushton functions to electroretinographic intensity-response data 67541
Severns, R. Finite element analysis in power converter design 61519
Severson, J.M. *see* Johnson, K.E. 50290
Severson, M.C. *see* Reininger, R. 88291
Sevgi, L. Intrinsic mode (IM) solutions for 3D wave propagation in inhomogeneous mediums 83644
Sevic, D., Popovic, M. A new efficient implementation of the oddly stacked Princen-Bradley filter bank 92404
Sevic, D. *see* Popovic, M. 74203
Sevigny, A. *see* Ortiz, C. 89943
Sevigny, L. *see* Gregoris, D.J. 57840
Sevilla, L.T. *see* Williams, R.K. 55144
Sevost'yanov, K.K. *see* Vygon, V.G. 52735
Seward, P. An intelligent approach to telecommunications 65474
Sewchand, W. *see* Tianhu Lei 64669
Sewell, F. *see* Mii, Y. 71677
Sewell, G. *see* Cvetovic, S.R. 72387
Sewell, J.I. *see* Greer, N.P.J. 49526
Sewell, J.I. *see* Hossack, D.M. 49511
Sewoong Song *see* Mahalanobis, A. 64850
Sexl, M. *see* Klein, W. 56024
Seya, H. *see* Sugimori, K. 80083
Seyama, K. *see* Kikuchi, S. 48673
Seyboth, P. *see* Alber, T. 98500
Seydoux, J. *see* Thouvenin, X. 97943
Seyed-Yagoobi, J. *see* Marge, B.D. 100146
Seyer, C.F., III. Buying a DC power system? 91903
Seyfert, P., Briand, P., Ciavola, G., Gammino, S., Melin, G., Lagnier, R., Losasso, M., Menicatti, A., Penco, R. Design and construction of a superconducting magnet system for an electron cyclotron resonance (ECR) ion source 94014
Seyfert, P. *see* Ciavola, G. 53149
Seyfried, P., Spieweck, F., Bettin, H., Becker, P., Kuetgens, U., Stumpel, J., De Bievre, P., Valkiers, S., Zulehner, W., Holm, C. The silicon-28 path to the Avogadro constant-first experiments and outlook 86967
Seymour, J.P. *see* Fitz, M.P. 65669
Seymour, J.P. *see* Fitz, M.P. 73589
Seymour, P.D., Thomas, R. Call routing and the ratcatcher 74755
Seymour, R.S., Rees, S.M., Staromlynska, J., Richards, J., Wilson, P. Design considerations for a liquid crystal tuned Lyot filter for laser bathymetry 50662
Sezaki, K., Yasuda, Y. Configuration of ATM switching networks which are nonblocking at call level 96144
Sezaki, K. *see* Komatsu, K. 64722
Sezaki, K. *see* Komatsu, K. 64746
Sezaki, K. *see* Komatsu, K. 95779
Sezan, M.I., Erdem, A.T. A set-theoretic phase unwrapping technique for least-squares image reconstruction from the higher-order spectrum 85003
Sezan, M.I. *see* Chang, M.M. 84948
Sezan, M.I. *see* Erdem, A.T. 64692
Sezan, M.I. *see* Ozkan, M.K. 74331
Sezan, M.I. *see* Patti, A.J. 74315
Sezan, M.I. *see* Patti, A.J. 85002
Sezan, M.I. *see* Stark, H. 64888
Seze, F.de *see* de Seze, F.
Sezgin, F. Further extensions to the Sherif-Dear simple theorem in number theory and some remarks 91300
Sezginer, A. *see* Allers, A. 88735
Sforza, M. *see* Fortuny, J. 58330
Sforza, P.M. *see* Shooman, M.L. 59526
Sgallari, F. *see* Baraldi, P. 59261
Sha, E.H.-M. *see* Chao, L.-F. 70610
Sha, E.H.-M. *see* Sheliga, M. 55067
Sha, F. *see* Wang, L. 75097
Sha, W., Rhee, J., Norris, T.B., Schaff, W.J. Subpicosecond characterization of ballistic parallel transport in GaAs quantum wells 62300
Sha Chin-Chien *see* Chin-Chien Sha
Sha Guohe Advances in high-power chemical lasers 82950
Sha Ma, Franzon, P. Energy control and accurate delay estimation in the design of CMOS buffers 82076
Sha Yi-Gao *see* Yi-Gao Sha
Shaaban, F. *see* Fedin, V.T. 59904
Shaaban, H., Grujic, L.T. Transient stability analysis of power systems via aggregation on subsets 77812
Shaahid, S.M., Elhadidy, M.A. Wind and solar energy at Dhahran, Saudi Arabia 60043
Shaalan, H.E., Broadwater, R.P., Fabrycky, W.J., Lee, R.E. The application of interval analysis to economic decision evaluation of electric energy systems 77911
Shaalan, H.E. *see* Broadwater, R.P. 78085
Shabanov, I.Y. *see* Kompan, M.E. 73090
Shabat, M.M. The nonlinear self-defocusing electromagnetic surface waves in a metalised ferrite film 83765
Shabat, M.M. *see* Baggaley, A. 56904
Shabat'ko, N.M., Kravtsov, N.V., Kravtsov, N.N., Nanii, O.E. Influence of a magnetic field on a ring YAG:Nd^{3+} chip laser 94404
Shabeer, M. *see* Andonovic, I. 74660
Shabestari, B.N., Miller, J.W.V., Pawlecki, H., Wang, W. Automatic spacer evaluation system 87378
Shabestari, B.N., Vaughan, B.J., Miller, J.W.V., Pawlecki, H. Display panel electrode defect classification system 87376
Shabgahi, G.L. *see* Zadeh, M.S. 53691
Shachal, D. *see* Ter-Ovanesyan, E. 91430
Shacham, E., Wolstenholme, G., Perry, J., Narahai, N., Bergemont, A. Novel test structures for process development and monitoring of stack etches for high density FLASH and EPROM memories 61684
Shacham, E. *see* Bergemont, A. 92185
Shacham, N., Meditch, J.S. An algorithm for optimal multicast of multimedia streams 65135
Shacham-Diamand, Y. *see* Atzmon, Z. 48946
Shachidevi, T.K. *see* Ramakrishna Rao, M. 89860
Shackle, D. *see* Koksbang, R. 90363
Shackleton, M.E. *see* Bidin, A.R. 87089
Shackman, N. There's more than torquing in electrical connections 99741
Shadaram, M., Romero, G. Development of a data acquisition and processing system for fiber optic sensor arrays 87261
Shader, B.L. *see* Brualdi, R.A. 79602
Shadfar, M. *see* Navabi, Z. 55073
Shadrin, A. On L_p-boundedness of the L_2-projector onto splines 61147
Shadrin, V.D. Background limited infrared performance of n-type Si-SiGe(111) quantum well infrared photodetector 75972
Shafai, B. *see* Beale, S. 78551
Shafai, B. *see* Cowley, D.C. 57513
Shafai, B. *see* Dantowitz, P. 87420
Shafai, B. *see* Dumas, O. 74220
Shafai, B. *see* Mo, S. 84523
Shafai, E. *see* Dantowitz, P. 87420
Shafai, L. *see* Legay, H. 51256
Shafai, L. *see* Legay, H. 57299
Shafai, L. *see* Legay, H. 83806
Shafai, L. *see* Moheb, H. 57216
Shafai, L. *see* Pregla, R. 83774
Shafai, L. *see* Shaker, J. 73482
Shafai, L. *see* Yang, X.H. 57220
Shafai, L. *see* Zhuang, A. 64219
Shafarman, W.N., Phillips, J.E. Current-voltage characterization of $CuInSe_2$/CdS solar cells deposited by different methods 100501
Shafarman, W.N. *see* Russell, T.W.F. 90440
Shafeev, G., Marine, W., Dallaporta, H., Bellard, L., Cros, A. Laser assisted metallization of polyphenylquinoxaline 48957
Shafeev, G.A., Simahkin, A.V. Laser-assisted etching-like damage of Si under a liquid layer 71326
Shafeev, G.A. *see* Pimenov, S.M. 81560
Shafeev, G.A. *see* Sissakian, E.V. 71409
Shafer, B.E. *see* Young, A. 68747
Shafer, R. *see* Smedley, K. 87771
Shafer, R. *see* Smedley, K. 98434
Shafer, R.E. Beam position monitor sensitivity for low-β beams 98470
Shafer, R.E. *see* Gilpatrick, J.D. 98456
Shafer, R.E. *see* Smedley, K.M. 82493
Shafer, R.E. *see* Wells, F.D. 76492
Shafer, S. *see* Batory, D. 88675
Shafer, S.A. *see* Maxwell, B.A. 84807
Shafer, S.A. *see* Willson, R.C. 96062
Shafer, S.A. *see* Yalin Xiong 74603
Shafer, V.Yu. Mechanism for the formation of a virtual cathode in open beam-waveguide systems 81140
Shaferova, S.Yu. *see* Kozyrev, A.B. 82309
Shaffer, G. *see* Vermillion, C. 77644
Shafi, M. *see* Carlisle, C.J. 83967
Shafi, M. *see* Clark, M.V. 52407
Shafi, M. *see* Gardenier, P. 65615
Shafi, M. *see* Sathyendran, A. 65667
Shafie, S. *see* Mohamed, M. 99933
Shafiee, H., Melas, M., Sutardja, P. Performance comparison of EPRML and peak detection in high density digital magnetic recording 50349
Shafiee, H. *see* Nair, S. 50361
Shafiee, M. Routh-Hurwitz for 2-D systems 49519
Shafrir, S. *see* Elmaliach, N. 60981
Shafrov, A.V. *see* Zaytsev, S.I. 94851
Shagaev, I.V. *see* Bernshtein, A.S. 49409
Shagin, P.M. *see* Buyanov, O.V. 98501
Shagurin, I.I. *see* Korobkov, A.I. 71722
Shah, A. *see* Fluckiger, R. 100530
Shah, A. *see* Keppner, H. 100572
Shah, A. *see* Meier, J. 90380

Shah, A. *see* Mettler, A. 92972
Shah, A.A., Tufts, D.W. Determination of the dimension of a signal subspace from short data records 84376
Shah, A.A., Tufts, D.W. Determination of the dimension of a signal subspace 95535
Shah, A.A. *see* Tufts, D.W. 84433
Shah, A.V. *see* Fischer, D. 78828
Shah, A.V. *see* Fischer, D. 100537
Shah, B. *see* Million, S. 52461
Shah, D., Marshall, S., Welsh, W.J. Principal component coding of mouth sequences 85924
Shah, D.K., Chan, W.S., Joshi, S.P. Delamination detection and suppression in a composite laminate using piezoceramic layers 93778
Shah, D.K., Joshi, S.P., Chan, W.S. Stress concentration reduction in a plate with a hole using piezoceramic layers 93731
Shah, G. *see* Huber, G.W. 89610
Shah, H.A. *see* Durrani, I.R. 94850
Shah, I.A. *see* Beuker, R.A. 84764
Shah, J. *see* Wilmshurst, T.H. 67449
Shah, K. *see* Ravindran, K. 65071
Shah, K.S. *see* Squillante, M.R. 59119
Shah, K.S. *see* Zhang, J.G. 88407
Shah, K.S. *see* Zhang, J.G. 98561
Shah, M. *see* Cedras, C. 84798
Shah, M. *see* Davis, J. 51551
Shah, M. *see* Ping-Sing Tsai 84604
Shah, M.L. *see* Pape, D.R. 94217
Shah, M.R., Fung, A.K. Numerical simulation of scattering from three dimensional randomly rough surfaces 77281
Shah, M.R. *see* Fung, A.K. 88861
Shah, N. Interactive multimedia services to the home. Comparison of architectural elements 85766
Shah, R. *see* Garber, M. 82418
Shah, S., Aggarwal, J.K. A simple calibration procedure for fish-eye (high distortion) lens camera 98119
Shah, S.M., Horvath, R. A hardware digital fuzzy inference engine using standard integrated circuits 62981
Shah, V., Gray, M. Structured processes for complex VLSI design 55080
Shahabuddin, P. Fast transient simulation of Markovian models of highly dependable systems 69624
Shahabuddin, P., Nakayama, M.K. Estimation of reliability and its derivatives for large time horizons in Markovian systems 69705
Shahabuddin, P. *see* Cheng-Shang Chang 74666
Shahabuddin, P. *see* Willebeek-LeMair, M. 65335
Shaham, A. *see* Israeli, A. 74735
Shaheed, M.R., Maziar, C.M. Modeling plasma-induced bandgap narrowing effects for accurate simulation of advanced silicon bipolar transistors 62689
Shaheen, S. *see* Lock, J.S. 67366
Shahidehpour, S.M. *see* Abdul-Rahman, K.H. 53713
Shahidehpour, S.M. *see* Abdul-Rahman, K.H. 68148
Shahidehpour, S.M. *see* Abdul-Rahman, K.H. 77956
Shahidehpour, S.M. *see* Abdul-Rahman, K.H. 78030
Shahidehpour, S.M. *see* Abdul-Rahman, K.H. 89321
Shahidehpour, S.M. *see* Labudda, K.D. 77827
Shahidehpour, S.M. *see* Roytelman, I. 89004
Shahidehpour, S.M. *see* Wang, C. 89011
Shahidi, A.V., Savard, P. A finite element model for radiofrequency ablation of the myocardium 88525
Shahidi, G. *see* Sadana, D.K. 62845
Shahidi, G. *see* Subbanna, S. 92190
Shahidi, G.G., Blair, C., Beyer, K., Bucelot, T., Buti, T., Chang, P.N., Chu, S., Coane, P., Comfort, J., Davari, B., Dennard, R., Furkay, S., Hovel, H., Johnson, J., Klaus, D., Kiewtniack, K., Logan, R., Lii, T., McFarland, P.A., Mazzeo, N., Moy, D., Neely, S., Ning, T., Rodriguez, M., Sadana, D., Stiffler, S., Sun, J., Swell, F., Warnock, J. A room temperature 0.1 μm CMOS on SOI 71797
Shahidi, G.G., Ning, T.H., Chappell, T.I., Comfort, J.H., Chappell, B.A., Franch, R., Anderson, C.J., Cook, P.W., Schuster, S.E., Rosenfield, M.G., Polcari, M.R., Dennard, R.H., Davari, B. SOI for a 1-volt CMOS technology and application to a 512 Kb SRAM with 3.5 ns access time 92195
Shahidi, G.G., Warnock, J., Acovic, A., Agnello, P., Blair, C., Bucelot, T., Burghartz, A., Crabbe, E., Cressler, J., Coane, P., Comfort, J., Davari, B., Fischer, S., Ganin, E., Gittleman, S., Keller, J., Jenkins, K., Klaus, D., Kiewtniak, K., Lii, T., McFarland, P.A., Ning, T., Polcari, M., Subbana, S., Sun, J.Y., Sunderland, D., Warren, A.C., Wong, C. A high performance 0.15 μm CMOS 71790
Shahidi, G.G. *see* Davari, B. 93635
Shahidi, G.G. *see* Iyer, S.S. 93644
Shahinpoor, M. A novel self-powered pH-indicator using ionic polymeric gel muscles 87098
Shahinpoor, M. Design and modeling of a novel spring-loaded ionic polymeric gel actuator 90322
Shahinpoor, M. Microelectro-mechanics of ionic polymeric gels as synthetic robotic muscles 90326
Shahookar, K., Khamisani, W., Mazumder, P., Reddy, S.M. Genetic beam search for gate matrix layout 49238
Shahri, H. *see* Alonso, T. 75107
Shahriari, M.R., Ding, J. Active silica-gel films for hydrogen sulfide optical sensor application 76105
Shahrooz, B. *see* Hrinko, W. 66600
Shahruz, S.M., Schwartz, A.L. An approximate solution for linear boundary-value problems with slowly varying coefficients 54760
Shahruz, S.M., Schwartz, A.L. An approximate solution for homogeneous boundary-value problems with slowly-varying coefficient matrices 69871
Shahsavari, M.M. *see* Sanders, T.J. 55093
Shahsavasi, M.M., Sanders, T.J., Means, D.P., Moye, K.J. Statistical circuit simulation and yield analysis for IC's 80058
Shahshahani, B.M., Landgrebe, D.A. Use of unlabeled samples for mitigating the Hughes phenomenon 77691
Shahshahani, B.M., Landgrebe, D.A. The effect of unlabeled samples in reducing the small sample size problem and mitigating the Hughes phenomenon 88868
Shahvarooghi, A., Moses, A.J. High-speed computerised DC magnetisation and demagnetisation of mild steel 63151
Shahzad, M.I., Qureshi, I.E., Manzoor, S., Chaudhary, U.K., Khan, H.A. Study of multiprong events in the interaction of 16.7 MeV/u ^{238}U with ^{nat}Au using mica and CR-39 track detectors 88167
Shahzad, M.I. *see* Manzoor, S. 88163
Shaikh, A.S. *see* Alexander, J.H. 91055
Shaikh, A.S. *see* Brown, R.L. 80864
Shaikh, S.A. *see* Staranczak, G.A. 85388
Shaikh, W. *see* Langley, A.J. 63739
Shail, Sodha, M.S., Chandra, R., Pitchumani, B., Sharma, J. Effect of coal properties on the specific coal consumption in a typical thermal power station in India 60094
Shaimardanov, P. *see* Volodarsky, V. 96733
Shairmerdenov, E. *see* Korchuganov, V. 66999
Shajii, A., Freidberg, J.P. Quench in superconducting magnets. II. Analytic solution 82498
Shajii, A., Freidberg, J.P. Quench in superconducting magnets. I. Model and numerical implementation 82500
Shakarchi, I.Kh. *see* Makadsi, M.N. 71097
Shakaryan, Yu.G. *see* Mamikonyants, L.G. 78593
Shaked, U. *see* de Souza, C.E. 73942
Shaked, U. *see* Theodor, U. 64496
Shakeel, M., Huk, S., Mirza, M.I., Ahmad, S. Monitoring waterlogging and surface salinity using satellite remote sensing data 67869
Shaker, J., Shafai, L. Reflection properties of conducting rectangular elements printed on a dielectric slab 73482
Shakhgil'dyan, V.V., Pestryakov, A.V. Promising trends in the development of a dynamic theory of digital phase-locked systems for frequency synthesizers and stabilizers 80188
Shakhverdiev, E.M. Nonequilibrium carrier and exciton kinetics in silicon and germanium crystals 92915
Shakiashvili, G.A. *see* Berkovits, V.L. 55740
Shakiba, M.H., Johns, D.A., Martin, K.W. General approach to implementing analogue Viterbi decoders 93681
Shakirov, M.A., Kiyatkin, R.P. Analysis of the skin effect in rectangular conductors with allowance for perfect screens 92653
Shakirzyanova, F.R. *see* Karpov, O.V. 86915
Shakirzyanova, F.R. *see* Karpov, O.V. 86958
Shako, V.V. *see* Tron, A.M. 76583
Shakola, A.T. *see* Veiko, V.P. 50544
Shakouri, A. *see* Zhao, B. 83145
Shakuda, S., Kawai, T., Morita, S., Yoshino, K. Electrochemical properties of poly(3-alkylthiophene) gel and its characteristics as an electrode active material in secondary battery 90348
Shakunaga, T. Systematic solution of primitive rotation recovery problems of known 3-D structure from a single view 95864
Shakunaga, T. *see* Morimoto, M. 64711
Shalaby, H.M.H. Performance analysis of optical CDMA communication systems with PPM signaling 86464
Shalaby, M. *see* Barthelemy, A. 56851
Shalaby, M.H., Papamarcou, A. Error exponents for distributed detection of Markov sources 74163
Shalatonin, V.I. *see* Muravyev, V.V. 55864
Shale, R., Bader, J. Flight test results of the Rockwell MIGITS 65962
Shalev, S. *see* Rajapakshe, R. 88539
Shalev, S. *see* Wowka, B. 88540
Shalgi, A. *see* Peled, A. 73163
Shalimova, M.B. *see* Rozhkov, V.A. 82816
Shalkhauser, M.J. *see* Ivancic, W.D. 75366
Shallcross, F.V. *see* Lawler, W. 66465
Shallcross, F.V. *see* Levine, P.A. 66466
Shallow, A. *see* Zhang, D. 93850
Shalmon, M. How fast is the stochastic evaluation of expected performance and its parametric sensitivity 74667
Shaltout, A.A. Analysis of torsional torques in starting of large squirrel cage induction motors 60218
Shalvi, O., Weinstein, E. Maximum likelihood and lower bounds in system identification with non-Gaussian inputs 74159
Shalz, L. *see* Celata, C.M. 87832
Sham, T.-L. *see* Garg, A. 92835
Sham-Tsong Shiue Hydrostatic pressure-induced microbending losses in tightly-jacketed double-coated optical fibers 82550
Shamaev, O.B. *see* Mroz, W. 53219
Shamai, S. Information rates by oversampling the sign of a bandlimited process 95049
Shamai, S., Dembo, A. Bounds on the symmetric binary cutoff rate for dispersive Gaussian channels 51503
Shamai, S. *see* Dallal, Y.E. 51362
Shamai, S. *see* Kaplan, G. 73632
Shamai, S. *see* Kaplan, G. 95062
Shamai, S. *see* Kofman, Y. 51349
Shamai, S. *see* Ozarow, L.H. 65661
Shamai, S. *see* Trachtman, A. 51527
Shamanaev, V.S. *see* Krekova, M.M. 86603
Shamanin, I.V. *see* Boiko, V.I. 53140
Shamarin, A.V. *see* Zdrok, A.G. 60293
Shambazov, A.V. *see* Rohmberger, J. 65409
Shameeva, T.Yu. *see* Dmitriev, V.I. 77419
Shamir, A. Efficient signature schemes based on birational permutations 73742
Shamir, J. *see* Caulfield, H.J. 64040
Shamir, J. *see* Piestun, R. 74349
Shamlou, D. *see* Longo, L. 97134
Shamma, N. *see* Rosner, S.J. 81701
Shamma, S. *see* Jyhfong Lin 95408
Shamma, S. *see* Kuansan Wang 64367
Shamma, S.A. *see* Wang, K. 59247
Shamma, S.A. *see* Wang, K. 84043
Shamonin, M., Hertel, P. Analysis of nonreciprocal mode propagation in magneto-optic rib-waveguide structures with the spectral-index method 94140
Shamonina, E. *see* Webb, D.J. 56292
Shamoon, T., Heegard, C. A rapidly adaptive lossless compression algorithm for high fidelity audio coding 58611
Shamoto, N. *see* Shikama, T. 82598
Shamoun, B.I., Witt, R.J. Parametric study of recriticality in a boiling water reactor severe accident 78331
Shampine, L.F. *see* Hosea, M.E. 48841
Shampine, L.F. *see* Hosea, M.E. 69864
Shamrai, K.P. *see* Katyukha, V.P. 53256
Shamrakov, D. *see* Reisfeld, R. 90459
Shamro, O.A. *see* Selemir, V.D. 92895
Shams, I. *see* Mehdian, M. 76008
Shamsuddin, M. *see* Sahay, P.P. 71245
Shamsuddin, Md. Diagonal irregular fractions of 3^n factorials 69701
Shamsunder, S. Exploiting cyclostationarity for range and bearing estimation 86549
Shamsunder, S., Giannakis, G.B. Detection and parameter estimation of multiple nonGaussian sources via higher order statistics 64433
Shamsunder, S., Giannakis, G.B. Parameter estimation of random modulated chirp signals 77561
Shamsunder, S., Giannakis, G.B. Signal selective localization of nonGaussian cyclostationary sources 95400
Shamsunder, S., Giannakis, G.B. Detection and estimation of chirp signals in non-Gaussian noise 95545
Shamsunder, S. *see* Giannakis, G.B. 84424
Shamsunder, S. *see* Swami, A. 57552
Shamsuzzoha, M. *see* Gao, C. 50221
Shan, J. *see* Bhat, C.M. 66961
Shan, J.P., McGinnis, D., Tomlin, R. Reducing the coupled-bunch oscillation in the Fermilab Booster by optimizing RF voltage 87843
Shan, J.P., Peggs, S.G., Borgacz, S.A. Analytical evaluation of the second order momentum compaction factor and comparison with MAD results 66861
Shan, Q. *see* Dewhurst, R.J. 66778
Shan, S.H., Abdullah, F. Investigation of the effects of flow parameters on electrostatic field distribution in electrical capacitive tomography sensors for flow imaging 87597
Shan, W. *see* Hou, H.Q. 55598
Shan, X., Widdowson, T., Malyon, D.J., Ellis, A.D., Spirit, D.M. Comparison of soliton sources for communication applications 65800
Shan, X. *see* Ellis, A.D. 75510
Shan, X. *see* Widdowson, T. 50933
Shan, Y.Y., Au, H.L., Ling, C.C., Lee, T.C., Panda, B.K., Fung, S., Beling, C.D., Wang, Y.Y., Weng, H.M. Semi-insulating GaAs: a possible substrate for a field-assisted positron moderator 81226
Shan, Y.Y. *see* Beling, C.D. 87662
Shan, Y.Y. *see* Zhiqiang Zhao 98019
Shan, Z.-X. Electromagnetic scattering by an impedance cylinder coated eccentrically with a chiroplasma cylinder 73362

Shan, Z.S. *see* Zhang, Y. 71975
Shan Ou Yang *see* Ou Yang Shan
Shan Qiuehan, Deng Weibo, Zhan Shuqing An improved method for synthesizing antenna pattern 95032
Shan Xu-Ning *see* Xu-Ning Shan
Shan Yang *see* Yang Shan
Shan Yen-Ping *see* Yen-Ping Shan
Shan Ying *see* Ying Shan
Shan Yu *see* Yu Shan
Shan Yuanda *see* Ni Ming 77830
Shan Yuanda *see* Ni Ming 99787
Shan Zhao-Jon *see* Zhao-Jon Shan
Shan Zhenguo, Shen Xiaohua, Huang Guosong, Tu Yuzhen, Zhou Fuzheng LD pumped Nd:YAG microchip laser with output power of 62.5 mW 50787
Shan-Hsi Huang, Rabaey, J.M. Maximizing the throughput of high performance DSP applications using behavioral transformations 49555
Shana, Z.A. *see* Josse, F. 93790
Shanableh, M. *see* Beaven, S.G. 67878
Shanableh, M. *see* Beaven, S.G. 88804
Shanabrook, B.V. *see* Bennett, B.R. 71177
Shanbhag, A., Danda, S., Sherwani, N. Floorplanning for mixed macro block and standard cell designs 49060
Shanbhag, N.R., Parhi, K.K. Finite-precision analysis of the pipelined ADPCM coder 57398
Shanbhag, N.R., Parhi, K.K. Corrections to "Finite-precision analysis of the pipelined ADPCM coder" 83949
Shanbhag, N.R., Parhi, K.K. A pipelined Kalman filter architecture 92399
Shanchun Xu *see* Xu Shanchun
Shandarov, S. *see* Salikaev, Yu. 82650
Shandarov, S.M. *see* Savchenkov, E.N. 83351
Shande Shen *see* Shen Shande
Shaneyfelt, M.R. *see* Warren, W.L. 62330
Shaneyfelt, M.R. *see* Warren, W.L. 93078
Shaneyfelt, M.R. *see* Winokur, P.S. 71776
Shanfield, S. *see* Boulais, W. 92576
Shanfield, S. *see* Teeter, D. 80823
Shanfield, S. *see* Teeter, D. 92609
Shang, C., Brown, K. Cascaded neural networks based image classifier 74511
Shang, E.C., Wang, Y.Y. Tomographic inversion of the El Nino profile by using a matched-mode processing (MMP) method 57614
Shang, H.M., Lwin, M., Tay, T.E. Holographic inspection of plates containing areas of localized thickness variation 49038
Shang, H.M. *see* Tay, C.J. 61446
Shang, J.Q., Inculet, I.I., Lo, K.Y. Low frequency dielectrophoresis in clay-water-electrolyte systems 94733
Shang Changjing *see* Changjing Shang
Shang Li, Takahashi, N., Takebe, T. Fast stabilized adaptive algorithm for IIR bandpass/notch filters for a single sinusoid detection 57452
Shang Xuebin *see* Xuebin Shang
Shang-Chih Ma, Mao-Chao Lin A trellis coded modulation scheme constructed from block coded modulation with interblock memory 95186
Shang-Chih Ma *see* Mao-Chao Lin 51360
Shang-Ching Chou *see* Xiao-Shan Gao 54723
Shang-Ching Chou *see* Xiao-Shan Gao 69796
Shang-Hua Wang, Hung-Tat Tsui Dynamic structuring of belief networks in a hierarchical perceptual organization 96106
Shang-Jie Gu Nonblocking conditions for self-routing Benes network 85375
Shang-Jie Gu Buffering schemes for ATM switches 86013
Shang-Juh Kao Variations on Ethernet traffic monitoring 74972
Shang-Shung Yu *see* Long-Wen Chang 57860
Shang-Zhi Sun, Du, D.H.C., Yaun-Chung Hsu, Hsi-Chuan Chen On valid clocking for combinational circuits 92044
Shangbin Hu *see* Hu Shangbin
Shangi Zhao *see* Zhao Shangi
Shan'gin, V. *see* Rybakov, E. 76657
Shangina, E.L. *see* de Visser, A. 81283
Shanglian Huang *see* Huang Shanglian
Shangqing Liu, Yansong Chen, Yuxing Xia Viewing method for improving underwater visibility by reduction of backscatter 83410
Shangshu Duan *see* Duan Shangshu
Shangyou Hao *see* Papalexopoulos, A. 53620
Shangyou Hao *see* Papalexopoulos, A. 77951
Shanhuai Chen *see* Chen Shanhuai
Shanjia Xu *see* Xu Shanjia
Shanjian Xu *see* Xu Shanjian
Shanjie Zhang, Yaochun Shen Eigenmode sequence for an elliptic waveguide with arbitrary eccentricity 64175
Shank, J.T. *see* Abe, K. 88115
Shank, J.T. *see* Antilogus, P. 59064
Shank, J.T. *see* Antilogus, P. 59127
Shankar, A.U. *see* Alaettinoglu, C. 65324
Shankar, A.U. *see* Matta, I. 65391
Shankar, G., Sahani, V. The study of a maintenance float model with gamma failure and two repair centres 48728
Shankar, G., Sahani, V. The study of a maintenance float model with Burr failure distribution 60875
Shankar, K., Kundu, N., Nickerson, R. Development of digital readout buffer schemes for silicon strip detectors at SDC 67374
Shankar, K. *see* Beaumont, S.P. 88037
Shankar, K. *see* Buttar, C.M. 67379
Shankar, N. *see* Hom, C.L. 71868
Shankar, P.M. *see* Wu, Y.Q. 98878
Shankar, P.M. *see* Yunqiu Wu 52880
Shankar, V., Bhatia, D. Generalized segmented channel routing 49267
Shanken, S.N. *see* Bertin, C.L. 92246
Shanker, B. *see* Wymer, S.A. 64058
Shankland, L.W. *see* Sheikh, J.Y. 66822
Shankland, N.J. *see* Riffat, S.B. 69237
Shankle, G. *see* Skirius, S.A. 61421
Shankwitz, C.R., Georgiou, T.T. The envelope of spectral power for stochastic processes 74164
Shanming Mou *see* Mou Shanming
Shanming Mu *see* Tian-bing Xu 55715
Shanmugam, P. *see* Brzakovic, D. 70203
Shanmugan, J.K. *see* Helm, M. 71799
Shanmugan, K.S. Simulation and implementation tools for signal processing and communication systems 74813
Shannon, C. *see* Rao, Y.J. 98022
Shannon, C.L. *see* McKinney, W.R. 88281
Shannon, J. *see* Kosinski, J. 56162
Shannon, R. *see* Simmons, D. 85660
Shanon, R.E., Junker, W.R. Improving crack size measurement in tubing [reactor steam generators] 53874
Shanpei Wu *see* Wu Shanpei
Shanqi Zhao *see* Zhao Shanqi
Shanthikumar, J.G. Convexity of single stage queueing systems with bulk arrival 61070
Shantsev, D.V. *see* Fomin, N.F. 50436
Shantzis, M.A. A model for efficient and flexible image computing 84893
Shanwei Lue *see* Lue Shanwei
Shao, C. *see* Gorwadkar, S. 79992
Shao, G. *see* Yang, Z. 82657
Shao, J., Rao, N.D., Zhang, Y. A capacitor placement expert system 78076
Shao, K.R., Lavers, J.D. The Extended Method of Fundamental Solution based on the Second Order Vector Potential formulation for 3D transient eddy current problems 83503
Shao, K.R. *see* Gu, C.L. 89844
Shao, K.R. *see* Gu, C.L. 90012
Shao, M. *see* Compaan, A.D. 90434
Shao, X.M. *see* Rhodes, C.T. 67812
Shao, Y.Y. *see* Bai, J.Z. 53324
Shao, Z. *see* Mu, X. 57180
Shao Chunlin *see* Chunlin Shao
Shao Fanyin The Wusongkou 500 kV river crossing transmission line project electric field distribution and navigation safety analysis 53765
Shao Hua Chen *see* Bandler, J.W. 49051
Shao Hua Chen *see* Bandler, J.W. 70840
Shao Ji-Qun *see* Han Bo 54778
Shao Jianfeng *see* Jianfeng Shao
Shao Jianhua *see* Jianhua Shao
Shao Jianwen *see* Cao Jiangtao 100115
Shao Jianwen *see* Li Yongdong 89989
Shao Lingxiong *see* Lingxiong Shao
Shao Meilun *see* Meilun Shao
Shao Shou-Kuo *see* Shou-Kuo Shao
Shao Yali, Wang Liwen The microcomputer control of large-capacity motor-generator and its excitation source 100078
Shao Yang, Vayshenker, I., Xiaoyu Li, Scott, T.R. Optical detector nonlinearity: a comparison of five methods 87194
Shao Yuan, He Fachang, Luo Zhizeng A survey on multi-sensor information fusion 87060
Shao Zongshu *see* Zongshu Shao
Shao-Feng Xie *see* Xie Shao-Feng
Shao-Hong Li *see* Guo-Long Wan 88689
Shao-Hua Zhang *see* Mao-Song Yen 60127
Shao-Hung Chang, Jiann-Liang Chen, Huan-Wen Tzeng, Chin-Ming Hong Applications of object-oriented approaches to neural networks in fault diagnosis 79486
Shaobin Li *see* Li Shaobin
Shaobo Lin *see* Lin Shaobo
Shaochen Zhou *see* Zhou Shaochen
Shaocheng Tong *see* Tong Shaocheng
Shaofan Deng *see* Deng Shaofan
Shaofeng An *see* Jinquan Deng 82883
Shaofeng Chen *see* Chen Shaofeng
Shaofeng Xia *see* Dazeng Feng 82777
Shaofeng Zhang *see* Zhang Shaofeng
Shaohan Ma *see* Ma Shaohan
Shaohe Zhang *see* Zhang Shaohe
Shaohong Li *see* Wei Yu 86567
Shaohua Tan *see* Xiaofan Liu 57869
Shaohua Tan *see* Xiaofan Liu 95922
Shaojun Wang *see* Wang Shaojun
Shaoke Liu *see* Liu Shaoke
Shaolin Bi, Sayood, K. Simple high quality lossy image coding scheme 64680
Shaolin Wang *see* Wang Shaolin
Shaomin Zhou, Weishu Wu, Campbell, S., Pochi Yeh, Xiangyang Yang, Hua-Kuang Liu Optical implementation of fuzzy-set reasoning 82763
Shaomin Zhou *see* Weishu Wu 56469
Shaoneng Chen *see* Chen Shaoneng
Shaoping Bian *see* Bian Shaoping
Shaoping Li, Jyh Sheen, Sei-Joo Jang, Bhalla, A.S., Newnham, R.E., Cross, L.E. Modified lumped parameter method for measurements of dielectric susceptibility in ferroelectrics 76155
Shaoqing Fan *see* Antao Chen 56506
Shaoqing Li *see* Jihua Chen 80046
Shaoqing Wang *see* Wang Shaoqing
Shaotang Chen, Erkuan Zhong, Lipo, T.A. A new approach to motor condition monitoring in induction motor drives 78887
Shaotong Chen *see* Erkuan Zhong 69079
Shaoyan Ma *see* Ren-Jun Li 68331
Shaoying Zhou *see* Zhou Shaoying
Shaoyun Ge *see* Ge Shaoyun
Shaozhang Guo *see* Guo Shaozhang
Shaozhen Xiong *see* Xiong Shaozhen
Shaozhong Bi *see* Bi Shaozhong
Shaozhong Li *see* Jensen, J.R. 59506
Shapira, J. Microcell engineering in CDMA cellular networks 97144
Shapira, M. *see* Caner, M. 53891
Shapira, Y. *see* Ofner, H. 79904
Shapiro, A. *see* Painter, T.A. 82446
Shapiro, A.L. *see* Batskikh, G.I. 81145
Shapiro, B.M. *see* Kozlov, A.A. 98642
Shapiro, D. *see* Bentley, R. 99128
Shapiro, E., Budovsky, I. A thermal watt-transfer standard 86896
Shapiro, E. *see* Goldberg, Y. 85611
Shapiro, E. *see* Goldberg, Y. 96562
Shapiro, F. *see* Taft, R.C. 70490
Shapiro, G., Bethke, S., Chamberlain, O., Fuzesy, R., Kowitt, M., Pripstein, D., Schumm, B., Steiner, H., Zolotorev, M., Rowson, P., Blockus, D., Ogren, H., Settles, M., Fero, M., Lath, A., Calloway, D., Elia, R., Hughes, E., Junk, T., King, R., Maruyama, T., Zapalac, G. The Compton polarimeter at the SLC 76455
Shapiro, J. George H. Heilmeier 69304
Shapiro, J.C., Villere, G.L. Description of SHOOT command and monitoring system 53509
Shapiro, J.H. *see* Green, T.J., Jr. 52651
Shapiro, J.M. Adaptive McClellan transformations for quincunx filter banks 51558
Shapiro, J.M. Application of the embedded wavelet hierarchical image coder to very low bit rate image coding 85052
Shapiro, J.M. *see* Uz, K.M. 85030
Shapiro, K. Life-cycle evaluation of packaging materials 54505
Shapiro, L.G. *see* Camps, O.I. 57702
Shapiro, L.G. *see* Christensen, H. 95785
Shapiro, M. *see* Bouman, C.A. 51619
Shapiro, M.D. *see* Amidei, D. 98639
Shapiro, P. *see* Summers, G.P. 100747
Shapiro, S. *see* Abe, K. 88115
Shapiro, S. *see* Antilogus, P. 59064
Shapiro, S. *see* Antilogus, P. 59127
Shapiro, V. Cross-correlation with reconstruction: a new approach to pattern matching 95753
Shapiro, V.I. The operator interface in process control systems for large power generating units 53868
Shapo, B.M., O'Donnell, M. Efficient synthetic aperture-based imaging from a circular array: experimental results on a catheter probe 98784
Shapo, B.M. *see* O'Donnell, M. 59353
Shaposhnikov, I.R. *see* Andreev, A.N. 93514
Shaposhnikov, S.S. Diffraction length in microwave power transmission lines 99634
Shapovalov, V.I. *see* Spirov, Ts.I. 53139
Shappir, J. *see* Berger, M. 71243
Shappir, J. *see* Rahat, I. 81372
Shaqfeh, E.S.G. *see* Singh, V.K. 93195
Sharabyan, Yu. *see* Zorn, C. 88099
Sharaevskii, Yu.P. *see* Prokushkin, V.N. 82299
Sharaf, A., Marvasti, F. A comparison between high frequency and low energy dropping schemes for DCT based image compression 51642
Sharaf, A.M., Fisher, M.E. An optimization based design method for harmonic filters in unbalanced utility AC systems 59683
Sharaf, A.M., Fisher, M.E. An optimization based technique for power system harmonic filter design 88980
Sharaf, A.M., Lie, T.T. A neuro-fuzzy hybrid power system stabilizer 88979
Sharaf, A.M., Lie, T.T. Artificial neural network pattern classification of transient stability and loss of excitation for synchronous generators 89143
Sharaf, A.M., Lie, T.T., Gooi, H.B. Transient stability and critical clearing time classification using neural networks 59749
Sharaf, A.M., Lie, T.T., Gooi, H.B. A neural network based short term load forecasting model 99626
Sharaf, A.M., Snider, L.A. An intelligent low distortion battery charger controller for fast controlled charging of electric vehicles 60557
Sharaf, A.M., Snider, L.A., Debnath, K. A neural network based relaying scheme for distribution system high impedance fault detection 53744
Sharaf, A.M. *see* El-Khouly, F.M. 90539
Sharaf, A.M. *see* Helal, I. 99459
Sharaf, A.M. *see* Hilloowala, R.M. 68505
Sharaf, A.M. *see* Hilloowala, R.M. 89779
Sharaf, A.M. *see* Khoury, J.A. 90538
Sharaf, A.M. *see* Mashaly, H.M. 100766

Sharaf, A.W., Snider, L.A., Debnath, K. A third harmonic sequence ANN based detection scheme for high impedance faults 99675
Sharaf, K.M., Elmasry, M.I. Low-power differential CML and ECL BiCMOS circuit techniques 49279
Sharaf, M.A. *see* El-Fiki, S.A. 86837
Sharaf, M.A. *see* El-Fiki, S.A. 88579
Sharaf, S.M. *see* El-Samahy, A.A. 78855
Sharaiha, A., Li, H.W., Le Bihan, J., Auffret, R. Bidirectional transmission using two semiconductor laser amplifiers as light modulators and detectors 86521
Sharaiha, Y.M., Christofides, N. A graph-theoretic approach to distance transformations 95651
Sharando, V.I., Novikov, S.A. Thermoelectric inspection of the diffusion zone at the coating-base interface 55009
Sharat, A.M., Snider, L.A., Debnath, K. A neural network based back error propagation relay algorithm for distribution system high impedance fault detection 59925
Sharchih Loh, Taylor, G.D. An evaluation of product commonality and group technology production methods in pre-defined multiple-machine scenario 90924
Sharda, Indra Explicit transient and steady state queue length probabilities of a queueing model with server on vacation providing service intermittently 91206
Sharendo, A.I. *see* Boksha, V.V. 62587
Sharendo, A.I. *see* Boksha, V.V. 62588
Sharfer, I., Messer, H. Feasibility study of parameter estimation of random sampling jitter using the bispectrum 57441
Sharfer, I., Messer, H. A suboptimal estimator of the sampling jitter variance using the bispectrum 74026
Sharfer, I., Messer, H. The bispectrum of sampled data. II. Monte-Carlo simulations of detection and estimation of the sampling jitter 95385
Sharfin, W.F., Schlafer, J., Koteles, E.S. Observation of mode beating and self-frequency locking in a nearly single-mode semiconductor laser 83060
Shariati, M.A., Dripps, J.H., McDicken, W.N. Deadbeat IIR based MTI filtering for color flow imaging systems 98781
Sharif, B. *see* Lawlor, M.A. 58501
Sharif, B.S. *see* Adams, A.E. 51484
Shariff, M.A. Impact of category 5 cabling on premises networks 52305
Sharifian, M.B.B. *see* Faiz, J. 78605
Sharkey, A. *see* Suther, T.W. 54561
Sharkey, T.J. Demonstration of obstacle avoidance system (OASYS) symbology in full mission simulation 67722
Sharkh, S.M.A. *see* McBride, J.W. 61981
Sharkov, B.Yu. *see* Mroz, W. 53219
Sharma, A., Bindal, P. Variational analysis of diffused planar and channel waveguides and directional couplers 72373
Sharma, A., Chauhan, A., Tripathi, V.K. Free-electron laser operation in a sheath helix configuration 63896
Sharma, A., Dokhanian, M., Wu, Z., Williams, A., Venkateswarlu, P. Four-photon-mixing-mediated stimulated Raman scattering in a multimode optical fiber 73054
Sharma, A., Dokhanian, M., Wu, Z.Q., Posey, R., Williams, A., Venkateswarlu, P. Stimulated Raman scattering in a multimode optical fiber with bend-induced loss 82582
Sharma, A., Joshi, L.M., Gupta, N.C., Bandopadhyay, H.N., Chander, S., Lamba, O.S., Sidhu, G.S. Design aspects of a one kW tunable D/E band klystron 55517
Sharma, A., Rogers, K.R. Biosensors 52963
Sharma, A., Sauli, F. Operation of drift chambers with helium based mixtures 88110
Sharma, A., Sauli, F. Operation of drift chambers with helium based mixtures 98560
Sharma, A. *see* Gupta, B.D. 76011
Sharma, A. *see* Marosi, L. 92577
Sharma, A. *see* Sharma, P.B. 69399
Sharma, A.K., Onak, G., Lai, R., Tan, K.L. A high power and high efficiency monolithic power amplifier at V-band using pseudomorphic HEMTs 80690
Sharma, A.K., Onak, G., Yamauchi, D., Stones, D.I., Goel, J., Lai, R., Tan, K.L. Millimeter-wave high power amplifiers using pseudomorphic HEMTs 80840
Sharma, A.K., Scott, K.A.M., Brueck, S.R.J., Zolper, J.C., Myers, D.R. Ion implantation enhanced metal-Si-metal photodetectors 58773
Sharma, A.K. *see* Arora, R.K. 65739
Sharma, A.K. *see* Joag, D.S. 62204
Sharma, A.K. *see* Kasody, R.E. 80756
Sharma, A.P. *see* Sharma, S.K. 88187
Sharma, B.B. *see* Sharma, R.K. 72558
Sharma, B.L. *see* Gupta, S.C. 76067
Sharma, G., Reddy, V.U. A DFT based alternating projection algorithm for parameter estimation of superimposed complex sinusoids 57497
Sharma, G. *see* Trussell, H.J. 84487
Sharma, G.C. *see* Sharma, K.C. 79535
Sharma, H.C. Computer aided diagnostic systems for thermal power plants 68424
Sharma, J. *see* Bhanot, V. 77894
Sharma, J. *see* Shail 60094
Sharma, J.K.N., Jain, K.K., Poddar, H.N.P. High pressure measurement with simple piston gauge in static condition 76253
Sharma, K.B., Saxena, V.K., Dinesh, A., Jaswant Singh, Pourush, P.K.S., Guta, R.K. Circular patch microstrip antenna in simulated plasma medium: an experimental study 73487
Sharma, K.C., Sharma, G.C. A delay dependent queue without pre-emption with general linearly increasing priority function 79535
Sharma, K.C. *see* Vaishampayan, S.V. 88629
Sharma, K.K. *see* Krishna, H. 91146
Sharma, M., Ibe, H., Ozeki, T. Optical circuits for equalizing group delay dispersion of optical fibers 97342
Sharma, M. *see* Berger, H.L. 92727
Sharma, M.P. Utility grid-connected solar photovoltaic power plants for meeting energy needs for rural area in developing countries—a case of India 100021
Sharma, O.M., Korchev, D.V. Some benchmark proposals for the DSP performance evaluation of single and multiprocessor systems 70651
Sharma, O.P., Maheswar, M.V.R. Analysis of M|M|2|N queue with correlated servers 91201
Sharma, P.B., Tiwari, A., Sharma, A. The international world of business—role of HRD in engineering and management education 69399
Sharma, P.K.D. *see* Pradhan, A.S. 88613
Sharma, P.L., Li, Y.Y. Implementation of IIR adaptive filters based on composite regressor algorithm using the TMS320C25 digital signal processor 70759
Sharma, P.M. *see* Peterson, P. 63737
Sharma, R., Narain, R., Kanjilal, A.K., Chitnis, V.T. Computer-controlled in-plane alignment using a modified moire technique 71443
Sharma, R. *see* Camp, L.J. 82775
Sharma, R. *see* Chi-Taou Tsai 91038
Sharma, R.G. *see* Dubey, S.S. 63284
Sharma, R.K., Verma, D., Sharma, B.B. Observation of below band gap photoconductivity in mercury cadmium telluride 72558
Sharma, R.K. *see* Kumar, L. 71052
Sharma, R.K. *see* Mahanta, A. 70686
Sharma, R.K. *see* Scharr, T.A. 92841
Sharma, R.N., Rastogi, A.C. Structure and composition of interfacial silicon oxide layer in chemical vapor deposited Y_2O_3-SiO_2 bilayer dielectrics for metal-insulator-semiconductor devices 81385
Sharma, S. *see* Barbara, A.K. 73349
Sharma, S. *see* Mahajan, V. 60811
Sharma, S. *see* Sheng, I.C. 67208
Sharma, S. *see* Sheng, I.C. 67209
Sharma, S.C. *see* Hozhabri, N. 70001
Sharma, S.C. *see* Hozhabri, N. 70060
Sharma, S.C. *see* Hozhabri, N. 79800
Sharma, S.K., Kumar, S., Sharma, A.P. Stopping power and range relativistic and nonrelativistic heavy ions in different materials including solid state nuclear track detectors 88187
Sharma, S.K. *see* Kumar, L. 71052
Sharma, S.K. *see* Mukherjee, P.K. 77726
Sharma, S.K. *see* Zhibi Wang 87760
Sharma, S.L. *see* Dube, S. 78778
Sharma, S.M. *see* Kumar, L. 71052
Sharma, S.P., Harrod, W.L. Total quality management process to achieve excellence 48711
Sharma, S.P., Verma, S.K. Imaging of subsurface contaminations using dipole EM systems 88839
Sharma, T. *see* Somani, A.K. 54592
Sharma, T.C., Bazovsky, I., Sr. Reliability analysis of large system by Markov techniques 54607
Sharma, T.C., Key, L.W., Mancini, L.J., May, C.J., Richardson, J.E., Schaner, G., Treacy, J.J. Next generation commercial airplanes: reliability for airline economics (panel) 59483
Sharma, U., Kuo-Tung Chang, Woo, M., Ko-Min Chang, Yeargain, J.R. A 0.5 μm technology for advanced microcontroller applications 70620
Sharma, U., Moazzami, R., Tobin, P., Okada, Y., Cheng, S.K., Yeargain, J. Vertically scaled, high reliability EEPROM devices with ultra-thin oxynitride films prepared by RTP in N_2O/O_2 ambient 61722
Sharma, U., Woo, M., Kirsch, H., Hayden, J., Yeargain, J.R. A novel technology for megabit density, low power, high speed, NVRAMs 70505
Sharma, V. Stability and continuity of polling systems 48749
Sharman, F.W. Homeworking—a measure to reduce energy consumption 74784
Sharman, K.C., Breakenbridge, E. Estimation of signal parameters using the maximum likelihood method 51489
Sharman, N. *see* Moffat, A. 95162
Sharna, R. *see* Kanjilal, A.K. 93551
Sharobim, H.R. *see* Yoshitomi, K. 94984
Sharon, O., Segall, A. On the efficiency of slot reuse in the dual bus configuration 57977
Sharon, O., Segall, A. On the efficiency of slot reuse in the dual bus configuration 65043
Sharon, O., Segall, A. Schemes for slot reuse in CRMA 85268
Sharon, O. *see* Berger, S. 70672
Sharonov, M.Yu., Bratus, A.L., Sevastyanov, B.K., Zhmurova, Z.I., Bystrova, A.A., Krivandina, E.A., Demianets, L.N., Sobolev, B.P. The amplification and excited state absorption of Nd-doped nonstoichiometric crystals with fluorite structure in the 1.3 μm region 83031
Sharonov, M.Yu. *see* Valeiko, M.V. 98269
Sharony, J. *see* Li, Y. 82787
Sharony, J. *see* Yao Li 52286
Sharony, J. *see* Yao Li 58385
Sharov, V.A. *see* Chen, H. 59026
Sharp, C.D., Clegg, K. Advanced intelligent networks: now a reality 58241
Sharp, C.W. *see* Glabus, M.F. 53433
Sharp, D.W.N., While, R.L. Determining the pitch period of speech using no multiplications 84085
Sharp, G.D., Johnson, K.M. High-speed analog complex-amplitude liquid-crystal light modulator 82736
Sharp, G.D. *see* Stockley, J.E. 56460
Sharp, I. Design cycle reduction using system simulation and virtual parts 60602
Sharp, J. *see* Standish, R. 69531
Sharp, J.H., Townsend, P.D. The formation of optical waveguides in chromium-doped yttrium oxy-orthosilicate by ion implantation 72379
Sharp, N.G., Hancock, E.R. Contour tracking by multi-frame relaxation 96072
Sharp, P. *see* Da Via, C. 53348
Sharp, P. *see* Raymond, M. 88242
Sharp, P.F. *see* Manivannan, A. 76973
Sharp, P.H. *see* Beaumont, S.P. 88037
Sharp, R.E., Pater, S.L. A comparison of the effects of gamma radiation from spent fuel and cobalt-60 on electronic components 71550
Sharp, W.M., Callahan, D.A., Barnard, J.J., Langdon, A.B., Fessenden, T.J. Correction of longitudinal errors in accelerators for heavy-ion fusion 67033
Sharp, W.M. *see* Jin-Soo Kim 76363
Sharpe, F.R. *see* Albery, W.J. 76247
Sharpe, J. *see* Ohta, J. 56578
Sharpe, J. *see* Ohta, J. 95880
Sharpe, J.P., Sungar, N., Johnson, K.M. Adaptive resonance theory and self-organizing morphological kernels 85103
Sharpe, T.L., Nehrir, M.H., Pierre, D.A. A fuzzy rule-based power system stabilizer for enhancing power system damping 78006
Sharpe, W.N., Mo-Yuen Chow, Briggs, S., Windingland, L. A methodology using fuzzy logic to optimize feedforward artificial neural network configurations 68631
Sharpin, D.L. *see* Fields, T.W. 77793
Sharpin, D.L. *see* Fields, T.W. 88920
Sharps, E. *see* Segev, M. 83315
Sharps, P.R., Timmons, M.L., Venkatasubramanian, R., Pickett, R., Hills, J.S., Hancock, J., Hutchby, J., Les, P., Chu, C.L., Wanlass, M., Ward, J.S. Development of 20% efficient GaInAsP solar cells 100668
Sharps, P.R. *see* Hutchby, J.A. 100443
Sharps, P.R. *see* Venkatasubramanian, R. 100679
Sharrock, W. *see* Anderson, B. 69523
Sharshanov, A.Ya. *see* Blank, A.Ya. 83588
Sharshar, H.A. *see* Zainud-Deen, S.H. 83856
Shartava, Sh.Sh. *see* Antipov, V.V. 53863
Shashkin, A.A., Dolgopolov, V.T., Kravchenko, G.V. Insulating phases in a two-dimensional electron system of high-mobility Si MOSFET's 71634
Shashkin, S.B. *see* Grigor'evskii, V.I. 82224
Shashkin, V.V. *see* Ovsyuk, V.N. 66331
Shashua, A. Projective structure from uncalibrated images: structure from motion and recognition 74566
Shashua, A. On geometric and algebraic aspects of 3D affine and projective structures from perspective 2D views 74613
Shashua, A., Navab, N. Relative affine structure: theory and application to 3D reconstruction from perspective views 84812
Shastov, V.V. *see* Akimochkin, Yu.V. 53093
Shastri, S.D. *see* Mooney, T.M. 88294
Shastry, S. *see* Jelen, C. 54850
Shatalina, I.N. *see* Karnovich, V.N. 89737
Shatalov, A.A. Discrete convolution calculation algorithms employing number-theoretic transformations in single-modulus and multimodulus residue arithmetic 57457
Shatalov, V.I. *see* Zhdanov, O.P. 64523
Shatokhin, P.V. *see* Vasil'ev, B.I. 94328
Shatrov, A.D., Sivov, A.N., Chuprin, A.D. Investigation of multifilar helical antennas with small radius and large pitch angle on basis of eigenmodes of infinite sheath helix 83848
Shatrov, A.D. *see* Sivov, A.N. 83585
Shatunov, Yu. *see* Danilov, V. 87823
Shaufler, L.G. *see* Aminov, R.Z. 89689
Shaughnessy, T. *see* Lonie, B. 58939
Shaukatullah, H., Gaynes, M.A., White, L.H. Thermal enhancement of surface mount electronic packages with heat sinks 91018
Shaukatullah, H., Gaynes, M.A., White, L.H. A non-dimensional correlation for the external thermal characteristics of surface mount metal quad flat packs 91086
Shaukatullah, H. *see* Gaynes, M.A. 91048
Shaver, J. *see* Shipps, J.C. 89704

Shavgulidze, S.A. *see* Ugrelidze, N.A. 57384
Shavgulidze, S.A. *see* Ugrelidze, N.A. 64272
Shavgulidze, S.A. *see* Zyablov, V.V. 64287
Shavin, P.B. *see* Bakhmet'yeva, N.V. 83654
Shavit, R. Dielectric cover effect on rectangular microstrip antenna array 73561
Shavitt, Y. *see* Cidon, I. 65325
Shaw, A.K. A decoupled approach for optimal estimation of transfer function parameters from input-output data 64449
Shaw, B.L. *see* Shiroma, W.A. 80629
Shaw, B.L. *see* Shiroma, W.A. 92471
Shaw, D.T. *see* Krusin-Elbaum, L. 63282
Shaw, G.J. *see* Summers, G.P. 100747
Shaw, H.J. *see* Nicati, P.-A. 72790
Shaw, H.J. *see* Sadowski, R.W. 56911
Shaw, H.J. *see* Wagener, J.L. 56717
Shaw, H.J. *see* Wagener, J.L. 56723
Shaw, H.J. *see* Wysocki, P.F. 52885
Shaw, I.J. *see* Birch, D.G.W. 65627
Shaw, J.A. *see* Reagan, J.A. 77363
Shaw, J.E.A. *see* Gajda, M.A. 52806
Shaw, J.G., Hack, M. Amorphous and polysilicon device simulations 62646
Shaw, J.M. *see* Angelopoulos, M. 93290
Shaw, K. *see* Sirkis, J.S. 99042
Shaw, K.A., Zhang, Z.L., MacDonald, N.C. SCREAM I: A single mask, single-crystal silicon process for microelectromechanical structures 55843
Shaw, K.A. *see* Mihailovich, R.E. 58743
Shaw, K.D. Optimization of the doubly resonant optical parametric oscillator 50944
Shaw, L. *see* Minot, K. 86298
Shaw, L. *see* Minot, K. 97171
Shaw, M.J. *see* Lister, J.M.D. 63668
Shaw, M.J. *see* Piramuthu, S. 62017
Shaw, M.J. *see* Ross, I.N. 63669
Shaw, M.J. *see* Xu, Z. 94603
Shaw, M.L.G. *see* Gaines, B.R. 96412
Shaw, N. *see* Jones, E.D. 71277
Shaw, N.M. *see* Amidei, D. 98639
Shaw, P.S., Hanany, S., Liu, Y., Novick, R., LaRosa, G., Manzo, G., Santangelo, A., Bivona, S. The polarization dependence of X-ray photoelectron yield of a Au photocathode 81130
Shaw, R., Gordon, N.A. The lines of PG(4, 2) are the points on a quintic in PG(9, 2) 91286
Shaw, R. *see* Mellis, J. 86524
Shaw, R.J. *see* Matty, J.J. 88620
Shaw, R.W. *see* Krupinski, R.A. 69263
Shaw, S., Arnold, J. Automated error detection in multibeam bathymetry data 99259
Shaw, S. *see* Arnold, J. 99230
Shaw, S.W. Ultrawideband SAR clutter suppression by AR spectral estimation 75574
Shaw, T. *see* Amidei, D. 98639
Shaw, T. *see* Fang, W.-C. 74506
Shaw, T.J. *see* Miklich, A.H. 63312
Shaw-Min Lei Forward error correction codes for MPEG2 over ATM 57351
Shaw-Min Lei, Ting-Chung Chen, Ming-Ting Sun Video bridging based on H.261 standard 85916
Shawe-Taylor, J. *see* Jeavons, P. 73719
Shawe-Taylor, J. *see* van Daalen, M. 92445
Shawky, M. *see* Belloum, A. 70660
Shawky, M. *see* Meribout, M. 84881
Shayan Zhang, Kalkur, T.S. Analysis of BiCMOS buffer for input voltages with finite rise time 70384
Shayan Zhang, Kalkur, T.S., Lee, S., Dengyuan Chen Analysis of the switching speed of BiCMOS buffer under high current 70710
Shayan Zhang, Kalkur, T.S., Lee, S., Gatza, L. A delay model and optimization method of a low-power BiCMOS logic circuit 91973
Shayegan, M. *see* Kurdak, C. 62890
Shbed, P., Novakovskii, R., Shymchak, P. Utilization of heat losses of power transformers with the aid of heat pumps 90088
Shchanin, P.M. *see* Abdullin, I.N. 54072
Shchebunjaev, A.G. *see* Abramov, A.A. 56335
Shchebunyaev, A.G. *see* Semjonov, S.L. 94096
Shchedrin, I.S. *see* Saversky, A.J. 67131
Shchedrin, M.G. *see* Voronov, V.N. 99843
Shchedrin, V.D. *see* Erokhin, A.A. 87016
Shchedrina, L.V. *see* Kosorotov, V.F. 75950
Shchedrina, L.V. *see* Samoilov, V.B. 87200
Shcheglov, A.G. *see* Aminov, R.Z. 89689
Shcheglov, A.Yu. The constraint method for optimizing complex systems 54700
Shcheglov, N.V. *see* Shumikov, Yu.P. 52839
Shcheglov, V.A. *see* Aleksandrov, B.P. 63651
Shcheglov, Yu.A. Multiplicative principles of optimality for the multiparametric comparison of complex radio systems 65570
Shchegolev, I.O. *see* Ivanov, S.S. 72213
Shchegolev, I.O. *see* Ivanov, S.S. 89304
Shchemelinin, A. *see* Rudman, M. 71519
Shchepakin, M.B., Shubenkova, I.A. A modified orthogonal-descent algorithm for finding the zero of a complex function 48812
Shchepetil'nikov, M.I. *see* Moshkarin, A.V. 89667
Shcherbachev, V.A. *see* Rasshcheplyayev, Yu.S. 51515
Shcherbakov, A. *see* Androsov, V. 76390
Shcherbakov, A. *see* Bar'yakhtar, V. 67407
Shcherbakov, A. *see* Efimov, S. 76546
Shcherbakov, A.A. *see* Bulyak, E.V. 76573
Shcherbakov, A.A. *see* Grigor'ev, Y.N. 76172
Shcherbakov, E.A. *see* Dianov, E.M. 72833
Shcherbakov, E.A. *see* Dianov, E.M. 91425
Shcherbakov, I. *see* Morris, P.J. 94431
Shcherbakov, I.A. *see* Jensen, T. 56669
Shcherbakov, I.A. *see* Vasilev, A.B. 50893
Shcherbakov, P.A. *see* Baibekov, V.I. 76574
Shcherbakov, P.S. *see* Nazin, A.V. 61161
Shcherbakov, Yu.N., Yakunin, A.N., Yaroslavskii, I.V., Tuchin, V.V. Simulation of thermal processes at the interaction of noncoagulant laser radiation with multilayer biological tissue. I. A theory and a model for calculation 88529
Shcherbakov, Yu.N., Yakunin, A.N., Yaroslavskii, I.V., Tuchin, V.V. Simulation of thermal processes at the interaction of noncoagulant laser radiation with multilayer biological tissue. II. Numerical results 88530
Shcherbin, K.V. *see* Odoulov, S.G. 82516
Shchukin, A.V. *see* Koshelets, V.P. 49645
Shchukin, A.V. *see* Koshelets, V.P. 50406
Shchukin, A.V. *see* Koshelets, V.P. 50407
She, K. *see* Nordberg, E. 66815
She, T.C., Shu, C. Optoelectronic exclusive-NOR gate operating at 200 mbit/s 72509
She, T.C. *see* Shu, C. 75976
She Shengneng *see* Shengneng She
She Sian *see* Sian She
She Zhishun *see* Zhishun She
Shea, J.J. Power wire signatures in passive infrared sensors 67679
Shea, J.J., Boles, D., Yun-Ko Chien, Zeigler, R. Computer animated digital arc diagnostic system 66114
Shea, J.J., Crooks, W.R., Smith, J.D.B. Gas evolving materials for improved low current interruption in high voltage current limiting fuses 90294
Shea, J.J., DeVault, B., Yun-Ko Chien Blow-open forces on double-break contacts 68885
Shea, L.E., Datta, R.K., Brown, J.J., Jr. Low voltage cathodoluminescence of Mn^{2+}-activated $ZnGa_2O_4$ 72582
Shea, T. *see* Mane, V. 87727
Shea, T.J. *see* Cameron, P.R. 76495
Shea, T.J. *see* Goldman, M.A. 76704
Shea, T.J. *see* Ryan, W.A. 76490
Sheahan, B. *see* Choi, D. 92428
Shealy, J.B., Hashemi, M.M., DenBaars, S.P., Mishra, U.K., Liu, T.K., Brown, J.J., Lui, M. Breakdown characterization of AlInAs/GaInAs junction modulated HEMTs (JHEMTs) with regrown ohmic contacts by MOCVD 62906
Shealy, J.B. *see* Hashemi, M.M. 62887
Shealy, J.B. *see* Mishra, U.K. 55398
Shealy, J.R. *see* Matragrano, M.J. 79848
Shealy, J.R. *see* Pitts, B.L. 61321
Sheard, F.W. *see* Fromhold, T.M. 62670
Sheard, F.W. *see* Fromhold, T.M. 81796
Sheard, F.W. *see* Martin, P.M. 62671
Sheard, S.J. *see* Ming Li 63445
Shearer, M.J. *see* Allerding, M.R. 86048
Shearer, M.J. *see* Warber, C.R. 83712
Shearer, P.M. Global seismic event detection using a matched filter on long-period seismograms 77328
Shears, T.G. *see* Allport, P.P. 76752
Sheau-Ru Tong, Du, D.H.C. Design principles for multi-hop wavelength and time division multiplexed optical passive star networks 75428
Sheau-Shi Pan *see* Wei-Tou Ni 50432
Sheau-Shi Pan *see* Wei-Tou Ni 86822
Sheau-Shong Bor *see* Ji-Chyun Liu 51159
Shebanov, L. *see* Sternberg, A. 56100
Sheble, G.B., Fahd, G.N. Unit commitment literature synopsis 59726
Sheble, G.B., Maifeld, T.T. Unit commitment by genetic algorithm and expert system 99420
Sheble, G.B. *see* Anwar, D. 89147
Sheble, G.B. *see* Kumar, J. 77999
Shebuniaev, A.G. *see* Dianov, E.M. 94080
Shechtman, D. Twin-determined growth of diamond films 70159
Shectman, D.L. *see* Kuhr, R.W. 78003
Shedrunova, T.V. *see* Smirnov, V.V. 73139
Sheedy, E. *see* Lehrman, I.S. 71022
Sheedy, J.E., McCarthy, M. Reading performance and visual comfort with scale to grey compared with black-and-white scanned print 52991
Sheehan, D.V. *see* Cudlip, W. 77272
Sheehan, J. *see* Ingold, G. 63868
Sheehan, J. *see* Ingold, G. 63868
Sheehan, J. *see* Krishnaswamy, J. 63872
Sheehan, J. *see* Wang, X.J. 76748
Sheen, C.W. *see* Lercel, M.J. 71544
Sheen, D.R., Malinas, N.P., Kletzli, D.W., Jr., Lewis, T.B., Roman, J.F. Foliage transmission measurements using a ground-based ultrawide band (300-1300 MHz) SAR system 59597
Sheen, J. *see* Li, S. 58956
Sheen, J.-N., Chen, C.-S., Yang, J.-K. Time-of-use pricing for load management programs in Taiwan Power Company 59778
Sheen Jyh *see* Jyh Sheen
Sheen Jyh-Wen *see* Jyh-Wen Sheen
Sheen Shuh-Haw *see* Shuh-Haw Sheen
Sheen Wern-Ho *see* Wern-Ho Sheen
Sheerin, G.M. *see* Gupta, B.K. 89275
Shefer, E. *see* Breskin, A. 59100
Shefer, O.V. *see* Popov, A.A. 97441
Sheffer, D.B. *see* Woisetschlager, J. 88378
Sheffield, J., Gallupe, R.B. Using group support systems to improve the New Zealand economy. II. Follow-up results 52244
Sheffield, J.W. *see* Gursu, S. 59522
Sheffield, R.L., Austin, R.H., Chan, K.D.C., Gierman, S.M., Kinross-Wright, J.M., Kong, S.H., Nguyen, D.C., Russel, S.J., Timmer, C.A. Operation of the high brightness LINAC for the Advanced Free-Electron Laser Initiative at Los Alamos 76385
Sheffield, R.L. *see* Nguyen, D.C. 83193
Sheffield, S.A. *see* Gustavsen, R.L. 87553
Shefter, A.P. ROV and remote data gathering control, communications, and power supply over a single inexpensive coaxial cable using a low power multiplex system 97810
Shefter, M.R. *see* Reimer, C.R. 79233
Shehad, N.M. *see* Wick, D.T. 53502
Shehadah, W.H. *see* El-Hennawey, M.S. 51298
Shehadeh, Y. *see* Attili, B.S. 69888
Shehata, M.A., Hentschel, F. Effect of current displacement consideration on the behavior of inverter-fed squirrel-cage induction motors 69116
Shehata, S.A., Khalil, H.S., El-Bakry, M., Arafa, S. A simple drive circuit for switching GIO in power circuits 80098
Shehata, S.A.M. *see* El-Bakry, M. 90537
Shei, C.Y. *see* Kuo, L.C. 100652
Sheik-Bahae, M., Wang, J., Van Stryland, E.W. Nondegenerate optical Kerr effect in semiconductors 63933
Sheik-Bahae, M. *see* Hagan, D.J. 83321
Sheik-Bahae, M. *see* Li Kam Wa, P. 72776
Sheikh, A., Yu-Dong Yao, Shixin Cheng Throughput enhancement of direct-sequence spread-spectrum packet radio networks by adaptive power control 52336
Sheikh, A.U.H. *see* Abdulrahman, M. 65559
Sheikh, A.U.H. *see* Laurenson, D.I. 97106
Sheikh, J.Y., Davidson, A.D., McMichael, G.E., Shankland, L.W., Smith, B.H. Operation of a high-power CW klystrode with the RFQ1 facility 66822
Sheikh, S.I. *see* Gibson, A.A.P. 72187
Sheikh, Z. Where do you put the cooling vents? 48697
Sheikin, E.G. Analytical solution of a system of quasi-one-dimensional MHD equations for flows whose parameters vary monotonically along the channel length. II. Optimum choice of parameters for an MHD generator 60482
Shein, F. *see* Treviranus, J. 53473
Sheinkman, A.G. *see* Oshkanov, N.N. 99914
Sheinkman, V. *see* Chen, M. 67340
Sheinkman, V. *see* Chen, M. 67349
Sheinkman, V.S. *see* Baev, V.P. 93974
Sheinman, Y., Rosen, A. Yaw-errors influence on wind turbine performance 68498
Sheinman, Y. *see* Rosen, A. 89757
Sheinvald, J. *see* Wax, M. 74004
Sheinwald, D. On the Ziv-Lempel proof and related topics 64560
Shek, E.I. *see* Emtsev, V.V. 81194
Shekadekh Khaled *see* Novash, V.I. 60285
Shekar, M.S. *see* Iwamuro, N. 55936
Shekarforoush, H. *see* Berthod, M. 74600
Shekhar, C., Moisan, S., Thonnat, M. Towards an intelligent problem-solving environment for signal processing 95597
Shekhawat, S.S. *see* Thakur, D.K. 63031
Shekhter, R.I. *see* Glazman, L.I. 56259
Shekhter, R.I. *see* Hanke, U. 82370
Shekhter, R.I. *see* Swahn, T. 71183
Shekhtman, A.I. *see* Aksenov, G.A. 52770
Shekhtman, L. *see* Bouclier, R. 59121
Shekhtman, L. *see* Bouclier, R. 87985
Shekhtman, L. *see* Bouclier, R. 88109
Shekhtman, L. *see* Bouclier, R. 98617
Shekhtman, L.I. *see* Alunni, L. 88010
Shekhtman, L.I. *see* Beckers, T. 67314
Shekhtman, L.I. *see* Martinez-Davalos, A. 88382
Shekhtman, V.N., Rodionov, A.Yu., Pel'menev, A.G. Reconstruction of a light beam wave front by synthesis of a shear interferogram 83380
Shelat, N.P. *see* Sheth, S.S. 77567
Shelby, G.A. *see* Hollerman, W.A. 72578
Sheldon, A. LINC—integrated control of production and peripheral equipments 97687
Sheldon, B.J. *see* Cousins, C.S.G. 59213
Sheldon, B.W., Csencsits, R., Rankin, J., Boekenhauer, R.E., Shigesato, Y. Bias-enhanced nucleation of diamond during microwave-assisted chemical vapor deposition 61362
Sheldon, B.W. *see* Rankin, J. 79923
Sheldon, C. Graphical tools for support of HDL design 49104
Sheldon, D.J. *see* Hadnagy, T.D. 55255
Sheldon, D.J. *see* Hadnagy, T.D. 71895
Sheldon, I., Morikawa, S., Chiba, Y., Nagasawa, T., Ishizaka, K. The missing piece of the jigsaw: the development of the digital betacam camcorder 97696
Sheldon, J. *see* Jones, A.O. 88221
Sheldon, J. *see* Jones, A.O. 88222
Sheldon, S.N., Rasmussen, S.J. Development and first successful flight test of a QFT flight control system 88648
Sheliga, M., Sha, E.H.-M. Global node reduction of linear systems using ratio analysis 55067

Shelkovnikov, A.S. *see* Nakagawa, K. 72725
Shelkovnikov, A.S. *see* Nakagawa, K. 94403
Shelkovnikov, A.S. *see* Tyurikov, D.A. 86881
Shelkovnikov, V.V., Pen, E.F., Sinyukov, A.M., Konstantinova, A.V. Photopolymer material for the phase hologram recording 57018
Shelkovskii, V.S. *see* Boryak, O.A. 59054
Shell, J.S., Clauss, R.C., Petty, S.M., Glass, G.W., Fiore, M.S., Kovatch, J.J., Loreman, J.R., Neff, D.E., Quinn, R.B., Trowbridge, D.L. Ruby masers for maximum G/T_{op} 58370
Shell, N. *see* Verdier, M. 71949
Shell-De Guzman, M., Hack, M., Neubauer, G. Mechanical properties and adhesion measurements of films used in advanced packages 60963
Shelley, M.W., Mason, A.G., Brain, D.J. A circularly polarised frequency scanning antenna for space applications 57291
Shellhammer, S.J., Nikzad, A., Kubo, M. An image processing system for locating and reading PDF417 two dimensional bar codes 74522
Shelomov, E.A. The theory of optimal m-filtering in the generalized spectral domain 84337
Shelomov, Ye.A. On the correlation functions of harmonic signals in bases of Vilenkin-Chrestenson functions 51496
Shelor, C.F. New philosophy aids shift from schematic-based to HDL-based design 80309
Shelor, R. *see* Lacey, C. 50268
Shelton, J. *see* Rashid, E. 92286
Shelton, J.W., Fischer, M.W., Paley, D. Introduction and qualification of digital electromagnetic core imperfection detector (EL CID) test equipment and associated robotic delivery and inspection systems 89804
Shelukhin, O.I., Artyushenko, V.M. Evaluation of the effectiveness of algorithms for nonlinear filtering under the effect of correlated multiplicative non-Gaussian noise 64459
Shelushinina, N.G. *see* Krylov, K.R. 92980
Shemer, L. Interferometric SAR imagery of a monochromatic ocean wave in the presence of real aperture radar modulation 59560
Shemer, L. The effect of the real aperture radar modulation on the interferometric SAR imagery of ocean waves 77513
Shemer, L., Marom, M. Estimates of ocean coherence time by an interferometric SAR 59561
Shemerov, G.G., Ilyina, N.A., Shklovsky, I.G. Optimization of time-current characteristics of fuse-link 80963
Shemesh, E. *see* Martinez, C. 98181
Shemin Fan *see* Fan Shemin
Shen, B., Izquierdo, R., Meunier, M. Laser fabrication of three-dimensional microstructures, cavities and columns 62447
Shen, B., Sekiguchi, T., Jablonski, J., Sumino, K. Gettering of copper by bulk stacking faults and punched-out dislocations in Czochralski-grown silicon 93101
Shen, B.W. *see* Bai, J.Z. 53324
Shen, C.C., Chang, P.T. Electrical properties of p^+/n^+ InGaAsP tunnel diodes with a bandgap of 0.95 eV grown by liquid phase epitaxy 71586
Shen, C.C. *see* Hsindao Lu 92233
Shen, D. *see* Wang, X. 54982
Shen, D. *see* Zhang, Q. 49017
Shen, D.L. *see* Bai, J.Z. 53324
Shen, D.S., Conde, J.F., Chu, V., Wagner, S. Carrier lifetime in amorphous semiconductors 62202
Shen, D.S., Kowel, S.T. Optical interconnection system using stacked thin film modulator and detector 50705
Shen, D.W. *see* Wang, H. 50143
Shen, F.Z. *see* Cardenas-Garcia, J.F. 87537
Shen, H. Modulation spectroscopy characterization of semiconductor microstructures and semiconductor devices 71164
Shen, H., Pamulapati, J., Wraback, M., Taysing-Lara, M., Dutta, M., Kuo, H.C., Lu, Y. High contrast optical modulator based on electrically tunable polarization rotation and phase retardation in uniaxially strained (100) multiple quantum wells 72441
Shen, H., Pamulapati, J., Wraback, M., Taysing-Lara, M., Dutta, M., Kuo, H.C., Lu, Y. Polarization and phase sensitive normal incidence multiple quantum well light modulator with 7000:1 contrast 94183
Shen, H.C. *see* Basir, O.A. 52837
Shen, H.C. *see* Kamel, M.S. 84829
Shen, H.Y. *see* Lin, W.X. 56734
Shen, H.Y. *see* Lu, W. 49929
Shen, H.Y. *see* Lu, W. 62599
Shen, J. Quantum geometrical phase signal of NLC bunch gross section carried by virtual photons 76457
Shen, J., Castan, S., Zhao, J. A comparative study of performance for noisy roof edge detection 85177
Shen, J., Schajer, G., Parker, R. A new probe for characterizing elliptically polarized microwave fields 58955
Shen, J. *see* Bai, J.Z. 53324
Shen, J. *see* Mansell, A.D. 78940
Shen, J.J., John, V.I. An induction watthour meter theoretical model for harmonic loading conditions 99784
Shen, L., Shen, Y., Rangayyan, R.M. Shape characterization and its applications 95897
Shen, N.-T., Yang, J. Reliability by design for MCM manufacturing the roadmap and an example 54521
Shen, S.C. *see* Chen, C.S. 92913
Shen, S.C. *see* Lu, W. 62226
Shen, S.C. *see* Wenlan Xu 66363
Shen, S.S., Lindgren, J.E., Payton, P.M. Effects of multispectral compression on machine exploitation 96091
Shen, T. *see* Dou, W.B. 83695
Shen, X. *see* Lam, W.K. 58304
Shen, X.A., Chiang, E., Kachru, R. Time-domain holographic image storage 82525
Shen, X.C. *see* Xue, S.Q. 86846
Shen, Y. *see* Miller, S.P. 99141
Shen, Y. *see* Rogers, D.J. 71998
Shen, Y. *see* Shen, L. 95897
Shen, Y.-L., Needleman, A., Suresh, S. Coefficients of thermal expansion of metal-matrix composites for electronic packaging 48691
Shen, Z., Chow, T.P. Modeling and characterization of the insulated gate bipolar transistor (IGBT) for SPICE simulation 55904
Shen, Z. *see* Chow, T.P. 62707
Shen Bing *see* Bing Shen
Shen Chang-Hong *see* Fang Zhenhe 77140
Shen Changhong *see* Fang Zhenhe 76044
Shen Chi-Yen *see* Chi-Yen Shen
Shen Chun-Neng *see* Wei Hong 58967
Shen Defang, Du Tengda, Zhou Yong, Zhang Minjuan, Cheng Bin, Zhang Weizhu Magnetic and magneto-optical properties of Bi-substituted garnet films 72066
Shen Dezhong *see* Dezhong Shen
Shen Din-Xin *see* Din-Xin Shen
Shen Dinggang, Qi Feihu A neural network model for image recognition 51606
Shen Dinggang *see* Shen Liqin 95903
Shen Dinggang *see* Dinggang Shen
Shen Dingyu, Jiang Dongxing, Wang Xuemei, Li Shuozhong, Qian Xing Extraction of MeV C_2^+-C_8^+ cluster beams 87769
Shen Feng, Seitzer, D. Characterization and improvement of GaAs HEMT analog switches for sampled-data applications 70781
Shen Hao-Ming *see* Hao-Ming Shen
Shen Haoying *see* Haoying Shen
Shen Haoyuan *see* Liu Huizhen 98719
Shen Hong *see* Zhao Kebin 100371
Shen Hongxia *see* Jiao Lianbo 77936
Shen Hongyuan Dual wavelength crystal lasers 83027
Shen Jen, Hartmann, C.S. Synthesis and performance of medium bandwidth, low time-spurious, high out-of-band rejection SPUDT filters 99320
Shen Jia-Lin *see* Jia-Lin Shen
Shen Jia-Qi *see* Jia-Qi Shen
Shen Jian *see* Jian Shen
Shen Jianxin, Liu Youbin Microcomputer based position-sensorless drive for brushless DC motor 90543
Shen Jie *see* Jie Shen
Shen Jing *see* Jing Shen
Shen Jinguan *see* Zhang Huigang 52063
Shen Jinxing *see* Jinxing Shen
Shen Jinyuan, Zhang Yanxin, Mu Guoguang Implementation of modified bipolar WTA neural network 72519
Shen Jiong, Cheu Lai Jin On-line auto-tuning of thermal power unit load control system 53918
Shen Jun *see* Jun Shen
Shen Ke *see* Ke Shen
Shen Lansun *see* Zhang Wenzhong 95445
Shen Liang *see* Liang Shen
Shen Lin, Wong, C.K. Process-variation-tolerant clock skew minimization 91826
Shen Liqin, Shen Dinggang, Qi Feihu Edge detection on real time using LOG filter 95903
Shen Long-Jun *see* Han Zhen 79715
Shen Ping, Yu Guokang The Quhua Group's power dispatching and automatic system 68059
Shen Ping *see* Zhang Defu 85099
Shen Qimin *see* Hua Renzhong 56626
Shen Qimin *see* Lei Jianqui 72688
Shen Qimin *see* Qimin Shen
Shen Qingguo The construction of an open INMS 74844
Shen Qun *see* Qun Shen
Shen Shande, Zhu Shouzhen, Chen Houlian, Jiang Jianmin, Han shui The parameter identification of power system and its application for transient stability analysis 99515
Shen Shande *see* Bai Jianhua 99428
Shen Shande *see* Chen Houlian 99429
Shen Shande *see* Song Zhidong 88968
Shen Shande *see* Zhu Shouzhen 59685
Shen Shande *see* Zhu Shouzhen 99440
Shen Shumin *see* Shumin Shen
Shen Weixin *see* Gu Hong 74222
Shen Wen-Hsiang *see* Wen-Hsiang Shen
Shen Wen-Zen *see* Wen-Zen Shen
Shen Wu-Mian *see* Wu-Mian Shen
Shen Xiaohua *see* Shan Zhenguo 50787
Shen Xiaojun *see* Xiaojun Shen
Shen Xu Dong An approach on heat transfer calculation of the oil-cooler for hydraulic-generators 89730
Shen Xubang *see* Xubang Shen
Shen Xuechu *see* Gong Dawei 75995
Shen Yao-Chun *see* Yao-Chun Shen
Shen Yaochun *see* Yaochun Shen
Shen Yaqiang, Chen Zhongwen A speech enhancement method based on Kalman filtering 73791
Shen Ye *see* Bandler, J.W. 70840
Shen Yongchao *see* Tian Zhong 71753
Shen Zhen-Kang *see* Zhen-Kang Shen
Shen Zheng-Kun *see* Yang Hong-Sheng 92459
Shen Zhenkang *see* Zhenkang Shen
Shen Zhi-Yuan *see* Zhi-Yuan Shen
Shen Zhizhang *see* Zhizhang Shen
Shen Zongshu *see* You Dahai 68484
Shen-Chuan Tai *see* Yih-Chuan Lin 84916
Shen-Chuan Tai *see* Yung-Gi Wu 95917
Shen-Ge Wang *see* George, N. 57669
Shen-Iuan Liu, Yuh-Shyan Hwang CMOS four-quadrant multiplier using bias feedback techniques 61823
Shen-Iuan Liu, Yuh-Shyan Hwang Dual-input differentiators and integrators with tunable time constants using current conveyors 80424
Shen-Li Fu *see* Jing Lee 61468
Shen-Li Fu *see* Yu-Hung Hsieh 61962
Shen-Sheng Han *see* Han Shen-Sheng
Shen-Shu Xiong *see* Xiong Shen-Shu
Shenai, K. *see* Zhang, L. 71311
Shenal, J. *see* Srikanth, K. 71275
Shenbrot, I.M. *see* Kharaz, D.I. 99826
Shende, S.M. *see* Wang, X. 57893
Shenfeld, O. *see* Belotserkovsky, E. 69232
Sheng, B.L. *see* van der Sluis, L. 90298
Sheng, C. *see* Duan, X.F. 81316
Sheng, C. *see* Maung, S. 60912
Sheng, H.Y., Chua, S.J. Experimental study on the double barrier structure at room temperature 81278
Sheng, H.Y. *see* Bai, J.Z. 53324
Sheng, I.C., Howell, J., Sharma, S. Thermal analysis of the beam missteering in APS storage ring 67209
Sheng, I.C., Sharma, S., Rotela, E., Howell, J. A conceptual design and thermal analysis of high heat load crotch absorber 67208
Sheng, I.C.A. *see* Nian, H.L.T. 87765
Sheng, J.P. *see* Bai, J.Z. 53324
Sheng, K.C. *see* Qiu, H. 66613
Sheng, N.H. *see* Kwok, C.Y. 55267
Sheng, O.R.L. *see* Alsafadi, Y. 74707
Sheng, O.R.Liu *see* Liu Sheng, O.R.
Sheng, Q., Agarwal, R.P. Monotone methods for higher-order partial difference equations 61159
Sheng, T., Fetch, S.B., Cooper, C.B., III Characteristics of a plasma doping system for semiconductor device fabrication 62394
Sheng, Y., Paul-Hus, G. Optical continuous phase-only correlator using liquid crystal television 50595
Sheng, Y. *see* Changkakoti, R. 56916
Sheng, Y. *see* Paul-Hus, G. 56456
Sheng, Y. *see* Roberge, D. 51579
Sheng, Y. *see* Roberge, D. 57841
Sheng, Z.Z. *see* Yuping Sun 50396
Sheng Changda The effectiveness and meaning of partial leakage current measurement on generator stator end region—discuss some problems with Mr. Lu and others in the mean time 100062
Sheng Chao Tien *see* Tien Sheng Chao
Sheng Chen Dao *see* Dao Sheng Chen
Sheng Chi *see* Gong Dawei 75995
Sheng Chi *see* Chi Sheng
Sheng Chuyu *see* Chuyu Sheng
Sheng Guo Qiao *see* Guo Qiao Sheng
Sheng Hanyu *see* Hanyu Sheng
Sheng he Sun *see* Sun Sheng he
Sheng Hong-Dah *see* Hong-Dah Sheng
Sheng Ji Lin *see* Lin Sheng Ji
Sheng Jiang-Ni *see* Mu Qi-Shuang 83428
Sheng Lin Chern *see* Chern Sheng Lin
Sheng Luo *see* Luo Sheng
Sheng Neng-Haung *see* Neng-Haung Sheng
Sheng Qin *see* Qin Sheng
Sheng Rong Ao *see* Ao Sheng Rong
Sheng Sun Xi *see* Xi Sheng Sun
Sheng Tan-Tsu *see* Tan-Tsu Sheng
Sheng Wu Wang *see* Wang Sheng Wu
Sheng Xia, Ding Shouqian The calculation of magnetic deflection fields with several ferromagnetic loops 94751
Sheng Xiangnan *see* Xiangnan Sheng
Sheng Xinqing *see* Xu Shanjia 80558
Sheng Xinqing *see* Xu Shanjian 91392
Sheng Yuan Yang *see* Yang Sheng Yuan
Sheng Yunlong *see* Yunlong Sheng
Sheng Zhang *see* Zhang Sheng
Sheng Zhao *see* Zhao Sheng
Sheng-Hsiung Chen *see* Chia-Fu Chen 69932
Sheng-Hsiung Chen *see* Chia-Fu Chen 71294
Sheng-Hua Yang *see* Yang Sheng-Hua
Sheng-Hua Zhang *see* Zhang Sheng-Hua
Sheng-Ping Wang *see* Kun-Chuan Lin 81338
Sheng-Sheng Yu *see* Yu Sheng-Sheng
Sheng-Tsaing Tseng, Chin-Hsiung Hsu Comparison of type-I and type-II accelerated life tests for selecting the most reliable product 91137
Sheng-Wen Quan *see* Quan Sheng-Wen

Sheng-Wen Shih, Yi-Ping Hung, Wei-Song Lin Head/eye calibration of a binocular head by use of single calibration point 57924
Sheng-Yuan Chu, Zhou Ye, Uchino, K. Photovoltaic effect for the linearly polarized light in $(Pb,La)(Zr,Ti)O_3$ ceramics 82805
Shengchun Bi, Zhenxiang Han, Zhida Lan On the design of hyper-ellipsoidal pattern classifier and its application to power system 78053
Shengdong Zhang *see* Zhang Shengdong
Shengeliya, T.E. *see* Bobrenko, Yu.N. 69010
Shenggang, L. *see* Du Xiangwan 50891
Shenghe Sun *see* Sun Shenghe
Shenghua Yang *see* Yang Shenghua
Shenghua Zhang *see* Zhang Shenghua
Shengjiang Chang *see* Chang Shengjiang
Shengle Cai *see* Cai Shengle
Shengliang Zhang *see* Yuliang Liu 50707
Shenglin Wu *see* Wu Shenglin
Shengnan Zheng *see* Zheng Shengnan
Shengneng Sbe *see* Shiyan Ren 87102
Shengqi Wang *see* Wang Shengqi
Shengxiang Zhu *see* Zhu Shengxiang
Shengyun Zhu *see* Zhu Shengyun
Shengzhi Zhao *see* Xingyu Zhang 63625
Shengzhong Liu *see* Gruen, D.M. 91622
Shengzhong Zhang *see* Zhang Shengzhong
Shengzong Tang *see* Tang Shengzong
Shenji Zhang *see* Zhang Shenji
Shenjun Li *see* Li Shenjun
Shenjun Yu *see* Jifan Hu 72000
Shenk, N.Al *see* Al Shenk, N.
Shenker, S., Clark, D.D., Lixia Zhang Services or infrastructure: why we need a network service model 85771
Shenker, S. *see* Mitzel, D.J. 65041
Shenoy, K.S.V. *see* Janardhanan, K.V. 97412
Shenoy, K.V. *see* Grot, A.C. 82844
Shenoy, N., Rudell, R. Efficient implementation of retiming 92150
Shenoy, P.P. Conditional independence in valuation-based systems 54656
Shenoy, R.G., Burnside, D., Parks, T.W. Linear periodic systems and multirate filter design 84347
Shenoy, V. Transferring iterative circuitry through EDIF200 91782
Shenping Li, Orriols, G. Optical bistable device with one sinusoidal amplitude grating 63985
Shenping Li *see* Li Shenping
Shenquan Liu *see* Jianxiang Wang 80976
Shensa, M.J. Discrete inverses for nonorthogonal wavelet transforms 57587
Shensheng Xu *see* Xu Shensheng
Shentian Pan *see* Pan Shentian
Shenton, R.D. *see* Webb, W.T. 86107
Shentov, O.V. *see* Mitra, K.S. 57763
Sheok Kim Joohn *see* Joohn Sheok Kim
Shepard, K.W., Kennedy, W.L., Crandall, K.R. Construction of a superconducting RFQ structure 67135
Shepard, K.W., Roy, A., Potukuchi, P.N. Niobium coaxial quarter-wave cavities for the New Delhi booster linac 67136
Shepard, K.W. *see* Pardo, R.C. 76297
Shepard, T., Burke, M. Architecture and scale issues in static schedules 96692
Shepelenko, A.A. *see* Mikheyev, P.A. 83215
Shepelevich, V. *see* Shepelevich, V.V. 83253
Shepelevich, V.V., Egorov, N.N., Shepelevich, V. Orientation and polarization effects of two-beam coupling in a cubic optically active photorefractive piezoelectric BSO crystal 83253
Shepelevich, V.V. *see* Khramovich, E.M. 56945
Shepeljavij, P.E. *see* Kostioukevitch, S.A. 56316
Shephard, D. *see* Aitken, A.J.S. 52643
Shephard, W. *see* Cole, M. 67075
Shepherd, B. *see* McDiarmid, C. 48769
Shepherd, D. *see* Lougher, P. 74981
Shepherd, D.P., Brinck, D.I.B., Wang, J., Tropper, A.C., Hanna, D.C., Kakarantzas, G., Townsend, P.D. 1.9-μm operation of a Tm:lead germanate glass waveguide laser 63752
Shepherd, F. *see* Swoger, J.H. 83097
Shepherd, J.A., Sobottka, S.E., Williams, M.B. Performance and fabrication of thin film NaI(Tl) scintillators for use on imaging photomultiplier tubes 59116
Shepherd, J.A., Sobottka, S.E., Williams, M.B. Thin film NaI(Tl) scintillators for high-resolution large-area imaging of soft X-rays 59235
Shepherd, J.A. *see* Williams, M.B. 59226
Shepherd, P.M. *see* Pearce, P.D. 48620
Shepherd, P.R. *see* Burchett, M.H. 57193
Shepherd, S.J. Public key stream ciphers 64282
Shepherd, S.J., Barton, S.K. The use of Blum sequences as secure spreading codes 51372
Shepherd, T. *see* Dayanand, S. 74466
Shepherd, W. *see* Deib, D.A. 89206
Shepherd, W. *see* El-Kassas, I.A. 80130
Shepherd, W. *see* Lesan, S. 68629
Shepherd, W. *see* Lesan, S. 69051
Shepherd, W. *see* Smiai, M.S. 68727
Shepherd, W.D. *see* Lunn, A.S. 58202
Shepherd, W.T. *see* Layton, C.F. 59487
Shepilko, Ye.V. Scattering of the field of electromagnetic waves by a solid cylinder with a sector cut 83627
Sheppard, A.P., Haelterman, M. Polarization-domain solitary waves of circular symmetry in Kerr media 63958
Sheppard, D. *see* Barry, A. 98616
Sheppard, L. *see* Dong, Y. 57921
Sheppard, S.T., Melloch, M.R., Cooper, J.A., Jr. Characteristics of inversion-channel and buried-channel MOS devices in 6H-SiC 71661
Sher, A. *see* Krishnamurthy, S. 71105
Sher, A. *see* Sarusi, G. 82824
Sher, R. *see* Golan, S. 53880
Sherali, H.D., Ramachandran, S., Seong-in Kim A localization and reformulation discrete programming approach for the rectilinear distance location-allocation problem 48821
Sherar, M.D., Clark, H., Cooper, B., Kumaradas, J., Liu, F.F. A variable microwave array attenuator for use with single-element waveguide applicators 88532
Sherbondy, J. *see* Nakagawa, T. 68739
Sherborne, J.M. *see* Turner, A.K. 100462
Sherburne, S.S. *see* Bissonette, J.A. 96590
Shercliff, H.R., Ashby, M.F. Design with metal matrix composites 79987
Sherebrin, M.H., Kim, H.L., Roach, M.R. Calcium mass in human aortas from autopsy 76969
Sheremeta, A.P. *see* Bratchikov, A.N. 94418
Sherer, T.N. *see* Masarweh, S.K. 80740
Sheridan, E. *see* Potechin, J. 92775
Sheridan, J. *see* Wu, J. 98360
Sheridan, J.A., Nechay, B.A., Bloom, D.M., Solomon, P.M., Pao, Y.C. Delay of field collapse in photoconductive gaps fabricated on GaAs/AlGaAs MODFET material 63581
Sheridan, J.T. *see* Schwider, J. 50543
Sheridan, P., Hintz, T. Transputer implementation of primitive image processing operations 74263
Sheridan, T.E., Koepke, M.E., Selcher, C.A., Good, T.N. Periodic pulling in a driven relaxation oscillator 49203
Sherif, M.H., Cuevas, E., Liebert, T., Dimolitsas, S. Transmission quality of Group III facsimile on IDR satellite links with circuit multiplication equipment 52059
Sherif, M.H., Cuevas, E., Liebert, T., Dimolitsas, S. Improvement of the transmission quality of Group III facsimile on IDR satellite links 96577
Sherif, S.A., Pletcher, R.H. A normal sensor hot-wire/film probe method for the analysis of three-dimensional flows 66297
Sheriff, J.A., Lochhead, R. The design and approval of modern gas detectors for international markets 52967
Sheriff, S.A. *see* Gursu, S. 59522
Sherkat, N. *see* Orton, P.A. 52926
Sherkat, N. *see* Steiger, W. 60256
Sherkat, V.R. Determining fuel prices for short-term operation scheduling for systems with long-term fuel constraints 89031
Sherkat, V.R., Ikura, Y. Experience with interior point optimization software for a fuel planning application 53712
Sherkat, V.R., Ikura, Y. Experience with interior point optimization software for a fuel planning application 78035
Sherlock, B.G., Monro, D.M. Simulated annealing applied to optimal DCT quantization 64319
Sherlock, B.G., Monro, D.M., Millard, K. Fingerprint enhancement by directional Fourier filtering 51550
Sherlock, B.G., Nagpal, A., Monro, D.M. A model for JPEG quantization 95913
Sherlock, G. *see* Ellis, A.D. 65811
Sherlock, G. *see* Kashyap, R. 63746
Sherlock, G. *see* Maxwell, G.D. 83108
Sherlock, G. *see* Tatham, M.C. 75511
Sherlock, G. *see* Uskov, A. 73100
Sherlock, R. *see* Georgescu, S. 72737
Sherman, A.T. *see* Kalpakis, K. 48766
Sherman, B. *see* Emery, K. 85510
Sherman, C.H., Butler, J.L. Harmonic distortion in moving coil transducers caused by generalized Coulomb damping 88884
Sherman, C.J. *see* Grimes, G.J. 94314
Sherman, J.D. *see* Stevens, R.R., Jr. 76424
Sherman, J.H., Jr. Consideration of measurement of electrostriction in quartz using Bragg reflection of X-rays 50129
Sherman, L., Vargha, D. Optimize microprocessor supervisory circuits 80120
Sherman, P.B. Corona discharge treatment 64078
Sherman, P.J., White, L.B., Bitmead, R.R. On AR representations for cyclostationary processes 84439
Sherman, R., Hirt, D., Vane, R. Surface cleaning with the carbon dioxide snow jet 93222
Sherman, S. *see* Kuehnel, W. 97917
Sherman, S.J., Tsang, W.K., Core, T.A., Payne, R.S., Quinn, D.E., Chau, K.H.-L., Farash, J.A., Baum, S.K. A low cost monolithic accelerometer; product/technology update 66304
Shemgurov, V.G. *see* Gusev, S.A. 81488
Shernock, D.M., Campi, J., Garcia, H., Golob, A. Basic improvements in the pellicle final clean area 62570
Shernyakov, Yu.M. *see* Boroditskii, M.L. 54967
Sherony, M.J., Su, L.T., Chung, J.E., Antoniadis, D.A. Inversion electron effective mobility in SOI NMOSFETs 93469
Sherony, M.J. *see* Su, L.T. 55993
Sherony, M.J. *see* Su, L.T. 81910
Sherony, M.J. *see* Su, L.T. 93443
Sherriff, R.E. *see* Look, D.C. 71718
Sherriff, R.E. *see* Perera, A.G.U. 75968
Sherrill, W.M. *see* Black, Q.R. 75680
Sherrit, S., Van Nice, D.B., Graham, J.T., Mukherjee, B.K., Wiederick, H.D. Domain wall motion in piezoelectric materials under high stress 56102
Sherrit, S., Wiederick, H.D., Mukherjee, B.K. Non-iterative evaluation of the real and imaginary material constants of piezoelectric resonators 56176
Sherrit, S. *see* Ahmad, A. 50139
Sherstnev, V.V. *see* Baranov, A.N. 56748
Sherstnev, V.V. *see* Danilova, T.N. 56795
Shertukde, H.M., Godbout, L.F. Nuclear pulse processors using digital filters 70767
Sherwani, N. *see* Madhwapathy, S. 91789
Sherwani, N. *see* Panyam, A. 50059
Sherwani, N. *see* Qiong Yu 92831
Sherwani, N. *see* Shanbhag, A. 49060
Sherwin, G. *see* White, G.R. 87622
Sherwin, M. *see* Kamoua, R. 61920
Sherwin, M.E., Zolper, J.C., Baca, A.G., Drummond, T.J., Shul, R.J., Howard, A.J., Rieger, D.J., Schneider, R.P., Klem, J.F. Comparison of Mg and Zn gate implants for GaAs n-channel junction field effect transistors 81953
Sherwin, M.E., Zolper, J.C., Baca, A.G., Shul, R.J., Howard, A.J., Rieger, D.J., Klem, J.F., Hietala, V.M. An all implanted self-aligned enhancement mode n-JFET with Zn gates for GaAs digital applications 71710
Sherwin, M.E. *see* Zolper, J.C. 71727
Sherwin, M.S. *see* Allen, S.J. 71163
Sherwood, B.A., Chabay, R.W. Electrical interactions and the atomic structure of matter: adding qualitative reasoning to a calculus-based electricity and magnetism course 79175
Sherwood, B.A. *see* Nguyen, D.C. 83193
Sherwood, G. *see* Bar-Cohen, A. 91075
Sherwood, T.R. *see* Mroz, W. 53219
Sherwood, W. *see* Bondi, M. 58518
Sheshadri, T.S. Study of axial current density distribution on cathode end surface of MPD thrusters 100768
Shestakov, A.A. *see* Agafonov, Yu.A. 50568
Shestakov, A.V. *see* Biglov, Z.A. 56636
Shestakov, A.V. *see* Conlon, P.J. 56658
Shestakov, A.V. *see* Conlon, P.J. 94383
Shestakov, V.G. *see* Akimochkin, Yu.V. 53093
Shestakov, V.G. *see* Moskalev, V.A. 53095
Shestakov, Yu.I. *see* Baigarin, K.A. 98718
Shestopalov, V.P. *see* Krutin', Yu.I. 57079
Shestoperov, V.Ya. *see* Podoroznhyi, D.M. 76778
Sheta, A. *see* Hettak, K. 80635
Sheth, J.N. *see* Janowiak, R.M. 96317
Sheth, N., Ivanov, T., Balasubramaniyan, A., Mortazawi, A. A nine HEMT spatial amplifier 92531
Sheth, S.S., Shelat, N.P. Stand alone system for flood and avalanche forecasting 77567
Shettle, E.P. *see* Mermelstein, M.D. 87292
Shetty, R. *see* Neugebauer, G.T. 91418
Shetty-Wagoner, M., Rattan, K.S., Siferd, R. Membership function generator circuit for a fuzzy logic controller 55164
Sheu, B.J. *see* Bang, S.H. 75304
Sheu, B.J. *see* Chang, C.-F. 54512
Sheu, B.J. *see* Chen, O.T.-C. 57718
Sheu, B.J. *see* Chen, O.T.-C. 95666
Sheu, B.J. *see* Gowda, S.M. 82087
Sheu, B.J. *see* Joongho Choi 50710
Sheu, B.J. *see* Joongho Choi 70695
Sheu, C., Krajewski, L.J. A decision model for corrective maintenance management 54422
Sheu, J.J. *see* Wei, K.C. 80306
Sheu, Y.-R. *see* Lin, C.E. 78930
Sheu Chi-Ren *see* Chi-Ren Sheu
Sheu Meng-Lieh *see* Meng-Lieh Sheu
Sheu Ming-Hwa *see* Ming-Hwa Sheu
Sheu Pi-Rong *see* Pi-Rong Sheu
Sheu Tzong-Jih *see* Tzong-Jih Sheu
Sheu Yea-Dean *see* Yea-Dean Sheu
Sheumaker, B. *see* Monahan, K.M. 87525
Sheung, J., Fan, A., Tang, A. Time tabling using genetic algorithm and simulated annealing 69769
Shevchenkno, V.G. *see* Ponomarenko, A.T. 79984
Shevchenko, A.N. *see* Rvachev, V.L. 79711
Shevchenko, N.P. *see* Kalyashova, Z.N. 56970
Shevchenko, N.P. *see* Kryukov, V.V. 56996
Shevchenko, N.V. *see* Belyaev, A.E. 62222
Shevchenko, O.A., ten Kate, H.H.J., Krooshoop, E.J.G., Markovsky, N.V. New 50 Hz superconducting power supply for a 2 kA DC magnet 90100
Shevchenko, V.A. Coding on communications channels with pseudorandom retuning of the operating frequency in conditions of the action of polyharmonic pulsed interference 57316
Shevchenko, V.G., Ponomarenko, A.T., Klason, C. Strain-sensitive polymer composite material 79985
Shevchenko, V.G. *see* Ponomarenko, A.T. 91649
Shevchenko, V.V. On modal theory for coupled optical dielectric waveguides 57174

Shevchenko, V.V., Espinosa-Ortiz, N. Shift formula method for asymmetrical planar waveguides 82644
Shevchuk, V.I. *see* Reztsov, V.F. 90022
Shevchuk, V.N. *see* Nosenko, A.E. 52850
Shevelev, A.K. *see* Azovsky, V.V. 56634
Shevelev, M.V. *see* Milenin, V.V. 55654
Shevelkov, V. The method of conformance testing for presentation data transfer syntax 96251
Shevgaonkar, R. *see* Kulkarni, A. 74428
Shevoldin, V.A. *see* Dmitriev, E.I. 98101
Shevtsov, B.M. *see* Volkov, A.V. 67850
Shevtsov, M.K. *see* Usanov, Y.E. 56958
Shevtzov, M.K. *see* Staselko, D.I. 56969
Shevy, Y. *see* Kitching, J. 83135
Shew, S. *see* Bryenton, A. 65502
Sheykin, A.R., Markov, I.V. A method of synthesizing digital recursive filters of increased accuracy 55331
Sheynblatt, L. *see* Enge, P. 52658
Sheynin, S. *see* Wu, X. 66957
Shi, C., Wilkins, B.R. Logic synthesis for testability 80248
Shi, C.-X. Fabry-Perot resonator composed of a photoinduced birefringent fiber grating 94114
Shi, E.Yi *see* Yi Shi, E.
Shi, F. *see* Ledwich, G. 100311
Shi, H., Ritter, G.X. A special class of nonlocal image-template operations 85117
Shi, H.Z. *see* Bai, J.Z. 53324
Shi, J., Cannon, M.E. High accuracy airborne GPS positioning: testing, data processing and results 65978
Shi, J., Herron, L.H., Kalam, A. Design and implementation of a PC-based automatic voltage regulator and fuzzy logic power system stabilizer 59746
Shi, J. *see* Tomasi, C. 96018
Shi, J.-J., Watanabe, Y. Two-decodable code pairs for the two-user binary adder channel 80290
Shi, J.L. *see* Liao, C.S. 86631
Shi, L. *see* Sobolewski, R. 63308
Shi, L. *see* Yan, F. 90144
Shi, L.P., Karthe, W., Rasch, A. Effects of annealing in Rb:$KTiOPO_4$ waveguides 56409
Shi, L.T., Tu, K.N. Finite-element modeling of stress distribution and migration in interconnecting studs of a three-dimensional multilevel device structure 81578
Shi, M., Waeber, W.B., Taqqu, D., Foroughi, F., Arkuszewski, J. Theoretical simulation of positron premoderation 87665
Shi, M. *see* Waeber, W.B. 87938
Shi, Q.-Y. *see* Zhong, S. 57829
Shi, R.F. *see* Garito, A. 63343
Shi, R.S. *see* Nekhoul, B. 100422
Shi, S.S.B., Lin, D.D.H., Yang, C.S. Dynamic load sharing services with OSF DCE 74838
Shi, W., Iravani, M.R. Effect of HVDC line faults on transient torsional torques of turbine-generator shafts 89199
Shi, W.-H. *see* Qu, X.-X. 54943
Shi, W.M. *see* Lim, S.P. 76204
Shi, X., Kryder, M.H. Phase lag in the high-frequency response of thin-film recording heads 50347
Shi, X., Liu, F.H., Yuet Li, Kryder, M.H. Dynamic response of domain walls on the air-bearing surface of thin-film heads 72110
Shi, X. *see* Chui, C.K. 57586
Shi, Y. *see* Lee, H. 85462
Shi, Y. *see* Morucci, J.-P. 67560
Shi, Y.H. *see* Zhang, J.H. 59967
Shi, Y.X. *see* Li, H.J. 53281
Shi, Z., Green, M.A. Polycrystalline silicon thin films on glass for photovoltaic cell applications 79874
Shi, Z., Wenham, S.R. Erratum to: Polycrystalline silicon thin-film solar cell: the future for photovoltaics 100761
Shi, Z.M. *see* Dutoit, M. 71694
Shi, Z.Q., Jia, Q.X., He, L., Chang, L.H., Lee, H.J., Anderson, W.A. Electrical characterization of ITO/p-InP solar cells 100748
Shi, Z.Q. *see* He, L. 55652
Shi Bangren, Liu Ji Approximate method of optical waveguide with exponential models 63426
Shi Bo-Rong *see* Bo-Rong Shi
Shi Changxin *see* Mao Dali 81347
Shi Chao-Xiang *see* Chao-Xiang Shi
Shi Dufang *see* Xiao Xudong 50974
Shi Erwei *see* Erwei Shi
Shi Guizeng *see* Guizeng Shi
Shi Han-Min *see* Huang Qi-Bai 59002
Shi Haoshan *see* Luo Yishu 85722
Shi Haunzhang *see* Mao Huishun 98593
Shi Hong *see* Hong Shi
Shi Hongmin *see* Sun Xiaowei 56847
Shi Hongtao, Zheng Youdou The prospect of silicon optoelectronic integration: current induced light emission from porous silicon 50709
Shi Ji Yu *see* Ji Yu Shi
Shi Jian-Jun *see* Jian-Jun Shi
Shi Jianbo *see* Jianbo Shi
Shi Jiancheng *see* Jiancheng Shi
Shi Jianqing *see* Wang Zhongyang 93295
Shi Jianxu *see* Jianxu Shi
Shi Jiaoying *see* Jiaoying Shi
Shi Jiawei, Jin Ensun, Ma Jing, Dai Yisong, Zhang Xinfa An improved approach and experimental results of a low-frequency noise measurement technique used for reliability estimation of diode lasers 63800
Shi Jiawei, Jin Ensun, Ma Jing, Gao Dingsan b and its temperature dependence are the important criteria of the reliability of semiconductor lasers 56760
Shi Jiawei *see* Dai Yisong 72836
Shi Jicong *see* Jicong Shi
Shi Jiesheng *see* Dai Yisong 72836
Shi Jing *see* Jing Shi
Shi Juan *see* Juan Shi
Shi Junli *see* Junli Shi
Shi Mei-Juan *see* Mei-Juan Shi
Shi Nansi *see* Gunawan, E. 74726
Shi Peng Fei *see* Peng Fei Shi
Shi PengFei *see* Gu SiYang 95919
Shi Qingyun *see* Qingyun Shi
Shi Ronghua The design and implementation of a transmission interface between a host and a communication subnet 75000
Shi Wan Chun *see* Sun Yu Ning 80049
Shi Weiping *see* Weiping Shi
Shi Wenzhong *see* Wenzhong Shi
Shi Woo Rhee *see* Sang Kyu Park 81567
Shi Xi-Quan *see* Xi-Quan Shi
Shi Xiaodong *see* Xiaodong Shi
Shi Xiaotian *see* Xiaotian Shi
Shi Xiaowei *see* Xiaowei Shi
Shi Xin Chen, Low, T.S. Artificially hardened model of soft magnetic materials and its application to analysis of magnetic field 83481
Shi Xizhi *see* Xizhi Shi
Shi Xu *see* Flynn, D.I. 75951
Shi Ying-guang (0,1,. . .,m-2,m) interpolation for the Laguerre abscissas 61136
Shi Yongqiang *see* Yongqiang Shi
Shi Yuan *see* Yuan Shi
Shi Yun, Deng Xi Min Adaptive speed control method of self-controlled synchronous motor (SCSM) speed regulation system 89870
Shi Zhen *see* Yang Xiuli 75675
Shi Zhendong, Liu Hongwei, Tang Pu Frequency dependence of the RCS of an arbitrarily shaped simple scatterer 57083
Shi Zhenghao *see* Zhenghao Shi
Shi Zhengrong *see* Zhengrong Shi
Shi Zhifu, Zhang Junrong, Zhao Kai, He Ming Improving of microwave remote sensing of sea ice 77460
Shi Zhongke A new U-D factorization-based forward-pass fixed-interval discrete-time smoother 84251
Shi Zhongming *see* Zhongming Shi
Shi-binxin *see* Yan-puLiu 74651
Shi-binxin *see* Yan-puLiu 74715
Shi-Cheng Wang *see* Xing-Zhong Li 88162
Shi-Chung Chang, Wei-Lin Yang, I-Kong Fong, Chun-Hung Chen Two effective approaches for hydroelectric generation scheduling 68483
Shi-Da Wu *see* Ming Zhang 51457
Shi-Hai Zheng *see* Zhiguo Zhang 94642
Shi-hong Pan *see* Zhong-he Wang 81536
Shi-Jie Li *see* Hacker, J.B. 80709
Shi-Jie Ma *see* Ke-Ming Wang 93116
Shi-Jie Ma *see* Ke-Ming Wang 93134
Shi-Liang Wang *see* Hui-Feng Li 81994
Shi-Lun Guo Latest development of nuclear track study in China Institute of Atomic Energy 88175
Shi-Lun Guo *see* Guo Shi-Lun
Shi-Mei Su, Liang-Ying Zhang, Hong-Tao Sun, Xi Yao Preparation of porous $BaTiO_3$ PTC thermistors by adding graphite porosifiers 79980
Shi-Ping Teng *see* Pin-Chieh Hsu 99015
Shi-Shing Chang *see* Chang Shi-Shing
Shi-Yi Mao *see* Guo-Long Wan 88689
Shian-Cherng Yang An approximate model for estimating the faradaic efficiency loss in zinc/bromine batteries caused by cell self-discharge 68975
Shianlin Wu *see* Crane, F.E., III 62935
Shianling Wu *see* Agrawel, V.D. 62937
Shiann-Jeng Yu, Ju-Hong Lee Effect of random weight errors on the performance of partially adaptive array beamformers 64520
Shiann-Jeng Yu, Ju-Hong Lee Design of partially adaptive array beamformers based on information theoretic criteria 74007
Shiao, C.M. *see* Peng, S.T. 83642
Shiao-Shien Chen, Kuo, J.B. Analytical DC model for a-Si:H thin-film transistors using effective temperature approach 62744
Shiao-Shien Chen, Kuo, J.B. An analytical a-Si:H TFT DC/capacitance model using an effective temperature approach for deriving a switching time model for an inverter circuit considering deep and tail states 71728
Shiau, M.J. *see* Tippet, J.C. 92473
Shiau Guang-Jye *see* Guang-Jye Shiau
Shiau Gwo-Yuh *see* Gwo-Yuh Shiau
Shiau-Chyi Chang *see* Wang, M.-J.J. 95732
Shiba, H. *see* Yamamoto, M. 99347
Shiba, T. *see* Ito, K. 53944
Shiba, T. *see* Ito, K. 54275
Shiba, T. *see* Matsumoto, K. 82847
Shiba, T. *see* Mihashi, Y. 63606
Shiba, T. *see* Tamaki, Y. 49975
Shiba, T. *see* Tamaki, Y. 81820
Shiba, T. *see* Uchino, T. 93337
Shibagaki, N. *see* Hikita, M. 93814
Shibahara, K., Fujimoto, Y., Hamada, M., Iwao, S., Tokashiki, K., Kunio, T. Trench isolation with V(nabla)-shaped buried oxide for 256 mega-bit DRAMs 63017
Shibahara, K. *see* Hamada, T. 61733
Shibai Tong *see* Zhiyu Tian 61045
Shibai Yang *see* Yang Shibai
Shibalko, K.V. *see* Selemir, V.D. 92895
Shibamura, E. Energy resolution in liquid Ar or Xe ionization chamber doped with photo-ionizing molecules 67329
Shibamura, E. *see* Chen, M. 67340
Shibano, E. *see* Yamamoto, S. 58376
Shibano, T. *see* Eimori, T. 92192
Shibano, T. *see* Ohno, Y. 70487
Shibasaki, H. *see* Nakamura, M. 88507
Shibasaki, K. *see* Koshiishi, H. 97507
Shibasaki, K. *see* Nakajima, H. 58528
Shibasaki, M. *see* Saito, M. 56386
Shibata, A., Kimura, Y., Takayanagi, K. Restructuring process of the Si(111) surface upon Ag deposition studied by in situ high-temperature scanning tunneling microscopy 70102
Shibata, E.I. *see* Baumbaugh, B. 59149
Shibata, F. *see* Fukami, T. 78602
Shibata, H., Hashimoto, K. Time dependent resistance increase in poly-Si load resistor due to hydrogen diffusion from plasma-enhanced chemical vapor deposition silicon nitride film in high density static random access memories 56081
Shibata, H., Kikuchi, T., Tsuchiya, T., Hasegawa, A., Ohki, M. Effect of thin cylindrical shell vibration on resonant frequency of cylindrical resonator-type sound source 77741
Shibata, H., Matsuno, T., Hashimoto, K. Simultaneous stress-induced Al extrusion and void formation caused by high temperature annealing after via-hole opening in Al interconnects with via-holes 55829
Shibata, H. *see* Matsunaga, N. 62522
Shibata, H. *see* Ogata, A. 87880
Shibata, H. *see* Wadayama, T. 49922
Shibata, H. *see* Wadayama, T. 93254
Shibata, K., Watanabe, K. Philosophies and experiences of PAFC field trials 60445
Shibata, K. *see* Noda, S. 66337
Shibata, K. *see* Okano, H. 71859
Shibata, K. *see* Sakata, M. 52845
Shibata, K. *see* Tanaka, N. 91436
Shibata, M., Ohsaki, K. Broadcasting 52670
Shibata, M. *see* Fukushima, T. 94484
Shibata, M. *see* Kobayashi, T. 94028
Shibata, N. *see* Ishikawa, Y. 71298
Shibata, N. *see* Kuwano, S. 58430
Shibata, N. *see* Tanimoto, S. 54940
Shibata, O., Saito, S., Haneishi, M. Radiation properties of microstrip array antennas fed by radial line 83858
Shibata, S., Kawakami, H., Kato, S., Nisimura, K., Ohshima, T., Sugai, I., Ukai, K., Yasuda, T., Morikawa, N., Nogawa, N., Haga, K., Shoji, Y., Nagafuchi, T., Naito, F., Suzuki, T., Sigeta, M., Iwahashi, M., Hisatake, K., Fujioka, M., Matsuda, T. Large-sized and highly radioactive ^{3}H and ^{109}Cd Langmuir-Blodgett films 98487
Shibata, T., Kimura, S., Kimura, H., Imai, Y., Umeda, Y., Akazawa, Y. 60 GHz-bandwidth distributed baseband amplifier IC in a package optimized for isolation 92630
Shibata, T., Nakata, J., Nanishi, Y., Fujimoto, M. A Rutherford backscattering spectroscopic study of the aluminum antimonide oxidation process in air 55748
Shibata, T. *see* Au, R. 92453
Shibata, T. *see* Ishii, H. 61858
Shibata, T. *see* Kosaka, H. 92446
Shibata, T. *see* Kotani, K. 61663
Shibata, T. *see* Mizuno, T. 71699
Shibata, T. *see* Nakata, J. 81477
Shibata, T. *see* Ohmi, T. 49918
Shibata, T. *see* Ohmi, T. 82088
Shibata, T. *see* Shirai, Y. 78842
Shibata, T. *see* Tsukuda, N. 97436
Shibata, T. *see* Yamada, H. 93257
Shibata, T. *see* Yoneyama, M. 80514
Shibata, Y., Tamamura, T., Oku, S., Kondo, Y. Coupling coefficient modulation of waveguide grating using sampled grating 97294
Shibata, Y. *see* Kotani, H. 92223
Shibata, Y. *see* Kotani, H. 92236
Shibata, Y. *see* Miyahara, Y. 98146
Shibata, Y. *see* Shimizu, N. 63018
Shibata, Y. *see* Tsukakoshi, M. 96679
Shibata, Y. *see* Yoshida, S. 58094
Shibata, Y. *see* Yosomiya, M. 79022
Shibata-Seki, T. *see* Masai, J. 63244
Shibatomi, A. *see* Yokoyama, N. 70457
Shibayama, A., Fukuda, M., Kanai, M., Suzuki, M., Ishihara, S. A vertical stepper for SOR lithography 81735
Shibayama, A. *see* Kagenishi, Y. 80323
Shibayama, J. *see* Yamauchi, J. 94945
Shibayama, K. *see* Fujita, M. 97680
Shibayama, M., Morinaga, S., Inoue, Y. Detection of water status in rice paddies using high resolution field spectra of visible to mid-infrared ranges 77581

Shibberu, Y. Time-discretization of Hamiltonian dynamical systems 91376
Shibib, M.A. *see* Darwish, M.N. 93435
Shibib, M.A. *see* Kosier, S.L. 56054
Shibib, M.A. *see* Kosier, S.L. 62943
Shibkov, V.M. *see* Ershov, A.P. 90465
Shibukawa, K., Asakura, K., Aouda, E., Okada, Y., Tadano, Y. An automated product ordering system for the MELFANET 1000 52060
Shibuki, K. *see* Suzuki, T. 70037
Shibuki, M., Sakurai, N., Ohno, K., Katsuno, K. The optical multichannel video transmission system 52706
Shibuki, M., Sebata, K., Aida, M., Nakagiri, K. Improvement of the accuracy of the atomic time scale at communications research laboratory 58618
Shibusawa, K., Murakami, N., Mori, T., Ajioka, T. Prediction of dark currents in actual devices using new test structure 55262
Shibuta, N. *see* Fujikami, J. 68254
Shibutani, K., Hase, T., Egi, T., Hayashi, S., Ogawa, R., Kawate, Y. Fabrication of silver-sheathed Bi(2:2:1:2) superconducting magnet by means of partial melt and slow cooling process 63326
Shibutani, K. *see* Hase, T. 63328
Shibuya, H., Senda, M. Development of low temperature, co-fired ceramic multi-layer substrate for high speed MCMs 54490
Shibuya, H. *see* Kikuchi, T. 58213
Shibuya, J. *see* Matsumoto, H. 89783
Shibuya, K. Production and magnetic properties of Fe-B-Si amorphous alloy ribbons: a review 63189
Shibuya, M., Amakawa, T., Sano, K., Kimura, S. Development of the double-rod-type jumper horns in strain assemblies with pipe jumpers for 500-kV transmission lines 68259
Shibuya, M. *see* Hirao, T. 82107
Shibuya, M. *see* Nishitsuji, M. 61951
Shibuya, S. *see* Kitagawa, A. 53159
Shibuya, Y., Hagimoto, M. Infrared LED with collimating lens 56564
Shibuya, Y., Tamura, H. Use of bi-directional image exchange in facilitating precontact communication 65214
Shibuya, Y. *see* Chen, Y. 95271
Shibuya, Y. *see* Hara, Y. 64236
Shichang Zou *see* Chenglu Lin 49873
Shichang Zou *see* Lohner, T. 49857
Shichang Zou *see* Ping Liu 55645
Shichang Zou *see* Yuehui Yu 71092
Shicheng Jiang *see* Okamoto, H. 87855
Shichi, I. *see* Matsuura, Y. 93163
Shichi, M. *see* Kudo, A. 68909
Shichi, Y., Tanimoto, S., Goto, T., Kuroiwa, K., Tarui, Y. Interaction of $PbTiO_3$ films with Si substrate 93708
Shichijyo, S., Yamada, K., Muro, K. Efficient intracavity sum-frequency generation of 490-nm radiation by use of potassium niobate 73057
Shichuang Hu *see* El-Sherif, M.A. 52930
Shick Chung Moon *see* Moon Shick Chung
Shick Min Hong *see* Hong Shick Min
Shida, H. *see* Okuno, A. 92795
Shida, Y. *see* Koda, M. 93407
Shidara, T., Honma, H., Anami, S., Sato, I. Modulator upgrade of the KEK 2.5-GeV linac 68756
Shidara, T. *see* Enomoto, A. 67005
Shideler, J. *see* Lukaszek, W. 62366
Shidlovskaya, N.A. Currents and voltages in circuits with non-ideal sources of feed and a nonlinear active load 88984
Shiduan Cheng *see* Tong Su 74695
Shie Jin-Shown *see* Jin-Shown Shie
Shie Qian, Dapang Chen Optimal biorthogonal analysis window function for discrete Gabor transform 51460
Shie Qian, Dapang Chen Decomposition of the Wigner-Ville distribution and time-frequency distribution series 95396
Shie-Jue Lee, Chih-Hung Wu A knowledge-based approach to the local area network design problem 58151
Shieh, H.-P.D. *see* Liu, P.-Y. 56225
Shieh, H.M. *see* Wu, C.L. 55630
Shieh, H.M. *see* Wu, C.L. 81957
Shieh, J.-L. *see* Hwang, H.-P. 55886
Shieh, J.S. *see* Linkens, D.A. 59397
Shieh, M.-H., Lin, H.C. Series resonant tunneling diodes as a two-dimensional memory cell 49955
Shieh, W. *see* Norte, A.D. 82676
Shieh Ce-Kuan *see* Ce-Kuan Shieh
Shieh Hir-Ming *see* Hir-Ming Shieh
Shieh Jen-Yu *see* Jen-Yu Shieh
Shieh Jia-Lin *see* Jia-Lin Shieh
Shieh Jyh-Ming *see* Jyh-Ming Shieh
Shieh Ming-Huei *see* Ming-Huei Shieh
Shieh Ming-Yuan *see* Ming-Yuan Shieh
Shieh Shiuh-Pyng *see* Shiuh-Pyng Shieh
Shieh Sy-Yuan *see* Sy-Yuan Shieh
Shieh Wen-Gong *see* Wen-Gong Shieh
Shields, F.J. *see* Morrison, D.P. 75573
Shields, J., Kelly, C., Barriskill, D. Video services via 140 Mbit over SDH 66022
Shields, J.Q., Dziuba, R.F., Elmquist, R.E., Lee, L.H. NIST comparison of resistances based on the calculable capacitor and the quantum Hall effect 86892
Shields, R., Pease, R.A. A dual high-current high-voltage driver 91869
Shier, J. *see* Ngo, T. 91922
Shiers, V.P., Honeybourne, C.L. An optical fibre based vapour sensor for spoilage in meat 87220
Shiesen Peng *see* Keh-Jeng Chang 71431
Shifan Chang, Chein-Wei Jen, Charng Long Lee A motion detection scheme for motion adaptive pro-scan conversion 97642
Shifu Yuan *see* Yuan Shifu
Shig Park In *see* In Shig Park
Shiga, N., Nakajima, S., Kuwata, N., Otobe, K., Sekiguchi, T., Matsuzaki, K., Hayashi, H. 12 GHz low noise MMIC amplifier with GaAs pulse-doped MESFET's 92632
Shiga, N. *see* Nakajima, S. 81990
Shigaki, M. *see* Ishii, K. 80688
Shigaki, M. *see* Naito, H. 80148
Shigehara, M., Ishida, H., Hattori, Y. Development of a core position measurement system for multi-fiber connectors 94112
Shigehiro, Y., Shirakawa, I., Harashima, K., Kambe, T. A layout description system using C language 62958
Shigekane, H., Kirihata, H., Uchida, Y. Developments in modern high power semiconductor devices 55850
Shigekawa, H., Oigawa, H., Miyake, K., Aiso, Y., Nannichi, Y., Hashizume, T., Sakurai, T. Selenium-treated GaAs(001)-2×3 surface studied by scanning tunneling microscopy 71384
Shigekawa, N., Beton, P.H., Buhmann, H., Eaves, L., Henini, M., Johnston, D. An (AlGa)As/GaAs heterojunction bipolar transistor with a resonant-tunnelling collector 71618
Shigekawa, N. *see* Furuta, T. 62179
Shigematsu, K. Mark edge recording, ZCAV technology and 780 nm laser result in 2GB capacity for 5.25-inch MO disk 56462
Shigematsu, K., Yokoi, C., Maeda, T. 2-Gbyte 5.25-inch magneto-optical disk drive and library unit 82753
Shigematsu, Y. *see* Kaigawa, H. 81470
Shigematu, K. *see* Maeda, T. 50607
Shigemitsu, H. *see* Ito, S. 71463
Shigemura, T. *see* Kawamura, T. 57344
Shigenaga, M. *see* Maki, A. 70547
Shigeng Wang *see* Wang Shigeng
Shigeno, K., Wada, Y., Tamai, H., Nagashima, N., Murakami, T. Triac output photoisolator PS3600, 3700 family 63572
Shigenobu, K. *see* Kodama, Y. 70531
Shigenobu, T., Uchida, H., Hirashita, N. Projecting oxide lifetime by a step voltage method using electric field correction [MOS VLSI] 50102
Shigeru Ando *see* Xiang-Zhao Wang 56948
Shigesato, Y. *see* Caragianis, C. 93186
Shigesato, Y. *see* Kamei, M. 54830
Shigesato, Y. *see* Kubota, E. 91632
Shigesato, Y. *see* Rankin, J. 79923
Shigesato, Y. *see* Sheldon, B.W. 61362
Shigesawa, H., Tsuji, M. Packaging of printed-circuit lines and its danger for narrow pulse distortion 79436
Shigesawa, H., Tsuji, M., Lampariello, P., Frezza, F., Oliner, A.A. Coupling between different leaky-mode types in stub-loaded leaky waveguides 73530
Shigesawa, H. *see* Iguchi, G. 92478
Shigesawa, H. *see* Nakai, T. 73432
Shigesawa, H. *see* Tsuji, M. 51097
Shigesawa, H. *see* Tsuji, M. 80970
Shigeta, B. *see* Koh, M. 71682
Shigeta, B. *see* Koh, M. 91110
Shigeta, J. *see* Futigami, N. 49982
Shigihara, K., Nagai, Y., Kakimoto, S., Ikeda, K. Achieving broad-area laser diodes with high output power and single-lobed far-field patterns in the lateral direction by loading a modal reflector 83057
Shigue, C.Y. *see* Baldan, C.A. 82439
Shiguo Luo *see* Luo Shiguo
Shih, B.S. *see* Nomura, M. 49485
Shih, C.-G., Barlage, D., Wang, J.-S., Feng, M. Design and fabrication of 5 Gb/s fully integrated OEIC receivers using direct ion implanted GaAs MESFET-MSM 86506
Shih, C.F. *see* Liang, G.-C. 80599
Shih, C.F. *see* Liang, G.-C. 98254
Shih, C.F. *see* Zhang, D. 98287
Shih, C.K. *see* Gwo, S. 93228
Shih, D.W., Fan, C., Hansen, M.W., Esener, S.C., Wieder, H.H. Integration of InAlGaAs/InGaAs MODFETs on MQW modulators on GaAs substrates 94299
Shih, D.Y. *see* Beaman, B. 92668
Shih, F.Y., Chen, G.P. Classification of Landsat remote sensing images by a fuzzy unsupervised clustering algorithm 67750
Shih, F.Y., Wai-Tak Wong An improved fast algorithm for the restoration of images based on chain codes description 84627
Shih, F.Y., Yang, C.-H.T. On solving exact Euclidean distance transformation with invariance to object size 96043
Shih, F.Y. *see* Pu, C.C. 74525
Shih, F.Y. *see* Pu, C.C. 95822
Shih, H.-J., Ellison, J.A., Syphers, M.J., Newberger, B.S. Emittance growth due to dipole ripple and sextupole 87807
Shih, H.-J. *see* Carrigan, R.A., Jr. 59039
Shih, H.-J. *see* Newberger, B.S. 66955
Shih, H.-J. *see* Tsyganov, E. 87857
Shih, H.-Y., Yeh, T.-F., Reiser, A., Dammel, R.R., Merrem, H.J., Pawlowski, G. A percolation view of novolak dissolution. III. Dissolution inhibition 81656
Shih, J.-J., Huang, H.-C., Wu, G.Y. Effect of mass discontinuity in the Wigner theory of resonant-tunneling diodes 81783
Shih, K.K. *see* Chieu, T.C. 71471
Shih, M., Kuh, E.S., Tsay, R.-S. Timing-driven system partitioning by constraints decoupling method 54529
Shih, M. *see* Chen, H. 59347
Shih, M. *see* Chen, H. 67524
Shih, O.W. A multilayer heat conduction solution for magneto-optical disk recording 56303
Shih, R.-C., Levander, A.R. Layer-stripping reverse-time migration 77237
Shih, Y.C., Liu, J.B., Oldham, W.G., Gronsky, R. Epitaxial lateral overgrowth of silicon by chemical vapor deposition on ultrathin oxide layers 79778
Shih, Y.C. *see* Murtaza, S.S. 50906
Shih, Y.C. *see* Reinhardt, V.S. 87416
Shih, Y.C.A., Sadra, K., Streetman, B.G. Random-period superlattice quantum wells 55596
Shih Chang Chi *see* Chi Shih Chang
Shih Cherng-Tzong *see* Cherng-Tzong Shih
Shih Chien-Fu *see* Chien-Fu Shih
Shih Chung-Ching *see* Chung-Ching Shih
Shih Lin Lu *see* Ferendeci, A.M. 92550
Shih Minshine *see* Minshine Shih
Shih Sheng-Wen *see* Sheng-Wen Shih
Shih Wei Sun *see* Gilbert, P.V. 93628
Shih Wei Sun *see* Tsui, P.G.Y. 63034
Shih Yang-Chin *see* Yang-Chin Shih
Shih Yih-Cheng *see* Yih-Cheng Shih
Shih-Chang Hsia, Bin-Da Liu, Jar-Ferr Yang, Chien-Hsiu Huang An NTSC to HDTV video conversion system by using the block processing concept 86726
Shih-Chang Sue *see* Yuan-Lin Chen 68154
Shih-Chang Wu *see* Alexopoulos, N.G. 80730
Shih-Chi Huang, Yih-Fang Huang A constrained vector quantization scheme for real-time codebook retransmission 57706
Shih-Chieh Chang, Kwang-Ting Cheng, Nam-Sung Woo, Marek-Sadowska, M. Layout driven logic synthesis for FPGAs 91982
Shih-Chieh Chao, Mu-Shiang Wu Design of high-performance all-fiber spectral filter with weighted coupling 97343
Shih-Chieh Chao, Mu-Shiang Wu, Woo-Hu Tsai Variational analysis of modal-coupling efficiency between graded-index waveguides 94133
Shih-Chieh Chao, Woo-Hu Tsai, Mu-Shiang Wu Extended Gaussian approximation for single-mode graded-index fibers 50486
Shih-Chieh Kim, Chih-Peng Fan, Jar-Ferr Yang, Bin-Da Liu, Yang, D.W.K. Block delta modulation for compression of surveillance video signals 86766
Shih-Chou Juan *see* Chen-Yi Lee 92298
Shih-Fu Chang, Messerschmitt, D.G. Transform coding of arbitrarily-shaped image segments 64611
Shih-Hsien Lo, Chien-Ping Lee Analysis of surface state effect on gate lag phenomena in GaAs MESFET's 81949
Shih-Hsiin Chang *see* Shih-Jen Wang 60075
Shih-Hsiin Chang *see* Shih-Jen Wang 99871
Shih-Hsiung Chan, Chun-Yen Chang, Simon Ming Sze Influence of metalorganic sources on the composition uniformity of selectively grown $Ga_xIn_{1-x}P$ 91532
Shih-Hsiung Chan *see* Chang-Cherng Wu 79893
Shih-Hsiung Chan *see* Janne-Wha Wu 69958
Shih-Jen Wang, Chun-Sheng Chien, Shih-Hsiin Chang, Suh-Chyn Jeng Verification of feed-water system models of the Kuosheng plant analyzer 60075
Shih-Jen Wang, Shih-Hsiin Chang, Ling-Yao Chou Dynamics of the recirculation pump and related parameters identification of the Kuosheng nuclear power station 99871
Shih-Liang Jung, Lien-Hsun Ho, Hsing-Chung Yeh, Ying-Yu Tzou DSP-based digital control of a PWM inverter for sinusoidal wave synthesis by optimal state feedback approach 90177
Shih-Liang Jung, Lien-Hsun Ho, Hsing-Chung Yeh, Ying-Yu Tzou DSP-based digital control of a PWM inverter for sine wave tracking by optimal state feedback technique 100291
Shih-Liang Jung, Ying-Yu Tzou Discrete feedforward sliding mode control of a PWM inverter used in an UPS for sinusoidal waveform synthesis 90174
Shih-Liang Jung, Ying-Yu Tzou Discrete feedforward sliding mode control of a PWM inverter for sinusoidal output waveform synthesis 100292
Shih-Min Kao, TaiKang Ning, Cheng-Wen Wu, Hui Peng Extraction of the focused object in an image by filtering out the defocused background 95906

Shih-Ming Wang, Chen-Ching Liu, Sujen Luu A negotiation methodology and its application to cogeneration planning 53904
Shih-Ming Wang, Chen-Ching Liu, Sujen Luu A negotiation methodology and its application to cogeneration planning 78036
Shih-Tsang Fu *see* Ming-Yih Kao 61916
Shih-Tseng Wu P-, L- and C-band polarimetric radar measurements of coastal zone forest and other surface covers 77630
Shih-Yao Sun *see* Jien-Chung Lo 55208
Shibo, M., Kawasaki, S., Sakamoto, K., Maeda, H., Ishizuka, H., Watanabe, Y., Tokuchi, A., Yamashita, Y., Nakajima, S. Design and construction of an induction linac for a mm wave free electron laser for fusion research 50886
Shibo, M. *see* Ishizuka, H. 63887
Shibo, M. *see* Kawasaki, S. 66805
Shihong Du *see* Du Shihong
Shibong Ma, Kui Han, Xingze Lu, Wencheng Wang, Zhiming Zhang, Zhongqi Yao Quadratic dependence of second harmonic intensity on the layer number in Langmuir-Blodgett films of a hemicyanine derivative interleaved with a new compatible spacer 94647
Shii-Tyng Duann *see* Tsern-Huei Lee 85901
Shiiki, K., Mitsui, Y. Numerical analysis of the magnetization in soft adjacent layer biased magnetoresistive sensors 72191
Shiino, H., Abe, M., Uehara, T. Modulation and demodulation signal processing for digital cellular use 85950
Shiino, M. *see* Fukai, T. 61859
Shiino, M. *see* Ishiyama, M. 69236
Shiiyama, K., Kinoshita, C., Suzuki, H., Izu, T., Kutsuwada, M., Matsumura, S. Development of specimen holders for measuring electrical properties of oxides under electron irradiation in HVEM 76146
Shijie Cheng *see* Songli Zhao 59743
Shijie Cheng *see* Yijia Cao 89152
Shijie Cheng *see* Cheng Shijie
Shijie Pu *see* Pu Shijie
Shijie Zhao *see* Zhao Shijie
Shijun Jiang, Dagenais, M., Morgan, R.A. Nearly degenerate four-wave mixing in a vertical-cavity surface-emitting laser 83104
Shijun Yang, Xixian Chen Improved adaptive CELP coder at 5.2 kbit/s 84167
Shik Jhon Chu *see* Chu Shik Jhon
Shik Kang Chu *see* Chu Shik Kang
Shik Lee Kyung *see* Kyung Shik Lee
Shik Rho Woo *see* Woo Shik Rho
Shik Shin Heon *see* Heon Shik Shin
Shik Yoo Sung *see* Sung Shik Yoo
Shik Yoon Hyun *see* Hyun Shik Yoon
Shikai, M. *see* Nakajima, H. 72462
Shikakura, S. *see* Ukai, S. 89467
Shikama, S. *see* Ariki, T. 71220
Shikama, S. *see* Kobayashi, T. 81429
Shikama, S. *see* Satoh, Y. 56219
Shikama, T., Kakuta, T., Narui, M., Sagawa, T., Shamoto, N., Uramoto, T., Sanada, K., Kayano, H. Behavior of radiation-resistant optical fibers under irradiation in a fission reactor 82598
Shikama, T., Namba, C. Development of high time-resolution laser flash equipment for thermal diffusivity measurements using miniature-size specimens irradiated heavily in a reactor 94703
Shikama, T. *see* Suzaki, Y. 81248
Shikama, T. *see* Yokotani, T. 52121
Shikano, K., Yamada, T., Kawabata, T., Matsunaga, S., Furui, S., Hanazawa, T. Dictation machine based on Japanese character source modeling 64393
Shikano, K. *see* Minami, Y. 51385
Shikano, K. *see* Takahashi, S. 73885
Shikano, S., Fukuda, M., Fujimaki, M. FI-Net system [Fuji Intelligent Network System] 96852
Shikarpur, U. *see* Chran-Ham Chang 85707
Shikata, A. *see* Golob, A. 62558
Shikata, S., Nakahata, H., Higaki, K., Hachigo, A., Fujimori, N., Yamamoto, Y., Sakairi, N., Takahashi, Y. 1.5 GHz SAW bandpass filter using poly-crystalline diamond 93846
Shikata, S. *see* Nakahata, H. 93865
Shikatani, M., Isogai, M. Telemetry command terminal for laser communication experiments 88726
Shikatani, M. *see* Araki, K. 86262
Shikhaliev, P.M. *see* Akulov, Yu.A. 76863
Shikida, A., Yanagita, H., Toratani, H. Al-Zr fluoride glass for Ho^{3+}-Yb^{3+} green upconversion 56702
Shikida, M., Sato, K., Tanaka, S., Kawamura, Y., Fujisaki, Y. Electrostatically driven gas valve with high conductance 66301
Shikoda, A., Sato, E., Sagae, M., Oizumi, T., Tamakawa, Y., Yanagisawa, T. Repetitive flash X-ray generator having a high-durability diode driven by a two-cable-type line pulser 59219
Shikoda, A. *see* Sato, E. 67499
Shikov, A. *see* Nikulin, A. 82452
Shikov, A.K. *see* Kozlenkova, N.I. 82328
Shikov, A.K. *see* Nikulin, A.D. 82326
Shikov, A.K. *see* Nikulin, A.D. 83563
Shikov, A.K. *see* Pantsyrny, V.I. 82487
Shiktorov, P. *see* Gruzinskis, V. 61910
Shiktorov, P. *see* Gruzinskis, V. 61926
Shiktorov, P. *see* Gruzinskis, V. 70881
Shiktorov, P. *see* Gruzinskis, V. 92552
Shikui Wang, Jingyan Cui IFS avionics bus communication system 74974
Shikung Lee *see* Wenjie Ren 80034
Shilhanek, M. *see* Wadsworth, M.V. 98088
Shili Yang *see* Yang Shili
Shilin, S.I. *see* Braslavsky, I.Ya. 60517
Shilin, V.P. *see* Ivanov, V.N. 79069
Shilin Wu *see* Wu Shilin
Shillue, W.P. *see* Wu, T.K. 58537
Shil'man, S.V. Adaptive Kalman filters 95578
Shilnikov, A.V. *see* Burkhanov, A.I. 93743
Shilov, A.A. *see* Bubis, E.I. 83293
Shilov, I.A. *see* Verbovetskii, A.A. 56332
Shiltsev, V.D. *see* Baklakov, B.A. 59034
Shiltsev, V.D. *see* Parkhomchuk, V.V. 76382
Shilyayev, S.N. *see* Rudnev, P.I. 80405
Shim, C.S. *see* Lee, J.S. 94412
Shim, T.E. *see* Kim, J.C. 71058
Shim Chang-Hyun *see* Chang-Hyun Shim
Shim Chang-Sup *see* Chang-Sup Shim
Shim Hong-Ku *see* Hong-Ku Shim
Shim Jae Chang *see* Jae Chang Shim
Shim Yong Geol *see* Yong Geol Shim
Shim Young Serk *see* Young Serk Shim
Shima, A., Watanabe, H., Tada, H., Arimoto, S., Kamizato, T., Kadoiwa, K., Omura, E., Otsubo, M. 10 000 h, 30-50 mW CW operation of 670-690 nm visible laser diodes 72907
Shima, K. *see* Fukuda, T. 61396
Shima, M. *see* Kuroda, S. 61661
Shima, M. *see* Sayama, K. 100595
Shima, T., Itakura, T., Yamada, S., Minamizaki, H., Ishioka, T. An autocharge-compensated S/H circuit for TFT-LCD panel 92436
Shima, T. *see* Itakura, T. 52996
Shimabukuro, R.L., Russell, S.D., Offord, B.W., Handschy, M.A., Stuart, T. Ultra-thin silicon on sapphire for high-density AMLCD drivers 63493
Shimada, A. *see* Kirimoto, T. 64238
Shimada, F. *see* Okude, Y. 59915
Shimada, H., Iwamoto, T., Shimomura, S., Onodera, M., Ohmi, T. High-accuracy resist development process with wide margins by quick removal of reaction products 81678
Shimada, H., Shimomura, S., Au, R., Miyawaki, M., Ohmi, T. Enhancement of resolution and linearity control of contact-hole resist patterns with surface-active developer 81728
Shimada, H. *see* Itoh, Y. 66030
Shimada, J., Katagiri, Y., Ohguchi, O., Sawada, R. Optical micro displacement sensor using a composite cavity laser diode integrated with a microlens 97981
Shimada, J., Ohguchi, O., Sawada, R., Tanaka, H., Watabe, A. Integrated coupling device between a laser diode and an optical fiber using a microlens 72535
Shimada, J.-I., Ohguchi, O., Sawada, R. Focusing characteristics of a wide-striped laser diode integrated with a microlens 72880
Shimada, K., Nakano, K., Sengoku, M., Abe, T. An approach to dynamic channel assignment in a cellular mobile communication system using a neural network 75354
Shimada, K. *see* Kubota, Y. 52730
Shimada, K. *see* Miwada, K. 66478
Shimada, M. *see* Green, R.O. 77634
Shimada, M. *see* Habuka, H. 54889
Shimada, M. *see* Higashisaka, N. 75162
Shimada, M. *see* Kadowaki, N. 86261
Shimada, M. *see* Masuko, H. 77452
Shimada, M. *see* Mizomata, Y. 93915
Shimada, M. *see* Ono, T. 91619
Shimada, M. *see* Wachi, Y. 82435
Shimada, M. *see* Yamamoto, O. 93757
Shimada, R. *see* Miura, Y. 72266
Shimada, S., Hayashi, N., Hayashi, S. A clustering method for sound localization transfer functions 86799
Shimada, T. *see* Nakagawa, K. 91477
Shimada, T. *see* Sasaki, S. 87741
Shimada, T. *see* Tsuda, M. 89305
Shimada, T. *see* Tsuda, M. 93916
Shimada, T. *see* Zuclich, J.A. 67464
Shimada, W., Tochihara, H. Step-structure dependent step-flow: models for the homoepitaxial growth at the atomic steps on Si(111)7×7 54826
Shimada, Y., Machi, Y. Selective growth of diamond using an iron catalyst 69931
Shimada, Y. *see* Arita, K. 50138
Shimada, Y. *see* Arita, K. 93659
Shimada, Y. *see* Fujii, E. 61721
Shimada, Y. *see* Hayashi, S. 70489
Shimada, Y. *see* Sakurai, T. 72095
Shimada, Y. *see* Sakurai, T. 82278
Shimakura, S. *see* Ohta, K. 94824
Shimakura, Y., Inagaki, J., Fukui, S., Hori, S. Knowledge based approach for the determination of restorative operation procedures for bulk power systems 59867
Shimamoto, H. *see* Onai, T. 93578
Shimamoto, K. *see* Kuribayashi, S. 82952
Shimamoto, K. *see* Sato, S. 56617
Shimamoto, K. *see* Shimizu, K. 82938
Shimamoto, N., Hiramatsu, A., Yamasaki, K. A dynamic routing control based on a genetic algorithm 65088
Shimamoto, N. *see* Washizu, M. 64074
Shimamoto, S., Onozato, Y., Teshigawara, Y. Assigned power level and assigned slot-based multiple-access scheme by capture effect 64994
Shimamoto, S. *see* Ando, T. 93993
Shimamoto, S. *see* Ando, T. 93999
Shimamoto, T. *see* Inoue, Y. 93545
Shimamoto, T. *see* Liu, X. 49099
Shimamura, K. *see* Tanaka, S. 49489
Shimamura, T., Nagamine, T., Suzuki, J. High-resolution two-dimensional spectral estimation utilizing data extrapolation 74182
Shimamura, T., Suzuki, J. Data prediction for the Burg method 95480
Shimano, H., Matsui, Y. Synchrotron X-ray lithography technology 93284
Shimano, H. *see* Komaru, M. 55836
Shimano, H. *see* Yamauchi, T. 75712
Shimano, Y. *see* Matsuda, S. 55945
Shimanuki, M., Aoyagi, M., Tomikawa, Y. Single-resonance longitudinal and torsional vibrator combination-type motor: improvement of motor characteristics 71906
Shimaoka, K. *see* Niki, K. 66250
Shimatani, N., Kawatsura, K., Arai, S., Shiono, T., Horino, Y., Mokuno, Y., Fujii, K., Takeshita, H., Yamamoto, S., Aoki, Y., Naramoto, H. High energy Ni ion implantation and thermal annealing for α-SiC single crystal 71299
Shimatani, T. *see* Koyanagi, M. 93393
Shimatani, T. *see* Koyanagi, M. 93401
Shimatsu, T., Kimura, W., Satoh, K., Shoji, H., Takahashi, M., Wakiyama, T. Soft magnetic properties and microstructure of Co-Ta-N films 72043
Shimawaki, H. *see* Ishihara, T. 92889
Shimawaki, H. *see* Shimozuma, T. 92891
Shimaya, M. *see* Kawamura, N. 62505
Shimazaki, K. *see* Awano, H. 72119
Shimazaki, S. *see* Uranaka, H. 64604
Shimazaki, Y. *see* Ikuta, S. 63657
Shimazawa, T. *see* Demura, T. 92280
Shimazawa, T. *see* Matsui, M. 97632
Shimazawa, T. *see* Unekawa, Y. 49419
Shimazawa, T. *see* Unekawa, Y. 70548
Shimazo, N. *see* Kunioka, T. 79046
Shimazu, H. *see* Yamakoshi, K. 77001
Shimazu, N., Morita, H., Kuriyama, Y., Kunioka, T., Uchiyama, S. Electron beam writing system for X-ray mask 81737
Shimazu, T., Shiozaki, M., Kawasaki, K. Effect of temper rolling on texture formation of semi-processed non-oriented steel 56209
Shimazu, Y., Nakano, Y., Gakuhari, K. Real time measurement of large negative reactivities by a modified digital reactivity meter 67316
Shimazu, Y. *see* Kihara, Y. 85896
Shimazu, Y. *see* Tsukada, M. 65544
Shimazu, Y. *see* Wen De Zhong 75165
Shimazutsu, H. *see* Danno, M. 63658
Shimazutsu, H. *see* Ikeda, T. 50743
Shimba, M. *see* Sato, T. 56754
Shimbo, O. *see* Mizuno, T. 97040
Shimeki, Y. *see* Muruyama, M. 80537
Shimeki, Y. *see* Nakahira, H. 80529
Shimin Tang *see* Tang Shimin
Shiming Dong *see* Jinhai Si 63948
Shiming Dong *see* Jinhai Si 73023
Shiming Tian, Zhengme Xiang, Tianmin Han Large-scale electric power system stability computation: a three-level hierarchical model and algorithm 59739
Shiming Xu *see* Xu Shiming
Shiming Zhan, Mehrotra, R. Design of a three-dimensional boundary detector 95947
Shimizu, A., Toriwaki, J.-I., Hasegawa, J.-I. Characteristics of minimum directional difference filter which extracts circumscribed shadows in chest X-ray images 84922
Shimizu, A. *see* Ishibashi, K. 70536
Shimizu, A. *see* Ohta, K. 94824
Shimizu, A. *see* Yamada, M. 94410
Shimizu, A. *see* Yamanaka, T. 70510
Shimizu, A. *see* Yano, K. 81791
Shimizu, E. *see* Kojima, M. 75762
Shimizu, E. *see* Takahashi, H. 65847
Shimizu, E.J. *see* Kuhar, P. 96387
Shimizu, G. *see* Yamanouchi, K. 93841
Shimizu, H. Improvement on (standard type) level crossing warning device through value engineering method 78907
Shimizu, H., Moriguchi, Y., Kondo, Y., Tamura, M. Global warming and the feasibility of electric cars 54229
Shimizu, H., Munakata, C. Confirmation of aluminum-induced negative charge in thermally oxidized silicon wafers using AC surface photovoltage method 71359
Shimizu, H., Takahashi, M. Intelligent network 96844
Shimizu, H., Uchida, H., Ishiwari, S. Confirmation of aluminum distribution in thermally grown oxide of silicon wafers 93067
Shimizu, H. *see* Baji, T. 70655
Shimizu, H. *see* Furukawa, H. 83685
Shimizu, H. *see* Hayashi, A. 51365
Shimizu, H. *see* Ichimura, S. 92859
Shimizu, H. *see* Komatsu, K. 75443
Shimizu, H. *see* Maehara, E. 60365
Shimizu, H. *see* Nagata, T. 76062

Shimizu, H. *see* Nakamura, K. 99724
Shimizu, H. *see* Nakasuji, M. 93112
Shimizu, H. *see* Ono, T. 65840
Shimizu, H. *see* Sugawara, M. 71474
Shimizu, H. *see* Takano, S. 50578
Shimizu, H. *see* Torikai, D. 87611
Shimizu, H. *see* Tsukamoto, O. 89785
Shimizu, H. *see* Watanabe, N. 52494
Shimizu, H.M., Kawai, T., Ebisawa, T., Eguchi, Y., Sakai, K. Development of a solid-state detector with a ^{6}Li/Ti multilayer converter for ultracold neutrons 98548
Shimizu, I. *see* Akasaka, T. 48912
Shimizu, I. *see* Fujiwara, H. 61251
Shimizu, I. *see* Fujiwara, H. 79846
Shimizu, I. *see* He, D. 92922
Shimizu, I. *see* He, D. 92924
Shimizu, I. *see* Shirai, H. 91579
Shimizu, I. *see* Yokoi, T. 91593
Shimizu, J., Miyanaga, Y., Tochinai, K. A study on decimation ratio in a subband adaptive identification of a time-varying AR model 95478
Shimizu, J. *see* Miyanaga, Y. 64541
Shimizu, J. *see* Mori, K. 50273
Shimizu, K., Horiguchi, T., Koyamada, Y. Frequency translation of light waves by propagation around an optical ring circuit containing a frequency shifter: II. Theoretical analysis 56886
Shimizu, K., Horiguchi, T., Koyamada, Y., Kurashima, T. Coherent self-heterodyne Brillouin OTDR for measurement of Brillouin frequency shift distribution in optical fibers 63418
Shimizu, K., Matsuda, S., Miyanaga, T., Yamamoto, K. Optical biotelemetry in moving vehicles 98929
Shimizu, K., Minowa, T., Nozue, M., Nishino, T. Industrial technology for mass production of cellular phones 85957
Shimizu, K., Sato, S., Shimamoto, K., Takahashi, Y. A high performance, fast axial flow, radiofrequency discharge excited CO laser 82938
Shimizu, K., Sugiura, O., Matsumura, M. High-performance bottom-gate poly-Si/SiN TFTs on glass-substrate 62831
Shimizu, K. *see* Betini, R.C. 96623
Shimizu, K. *see* Ishiyama, A. 82496
Shimizu, K. *see* Komazaki, T. 80646
Shimizu, K. *see* Komoda, H. 69635
Shimizu, K. *see* Komoda, H. 71788
Shimizu, K. *see* Matsumoto, G. 98998
Shimizu, K. *see* Mizuno, A. 68420
Shimizu, K. *see* Mizuochi, T. 65850
Shimizu, K. *see* Mizuochi, T. 86359
Shimizu, K. *see* Murakami, H. 67607
Shimizu, K. *see* Nakayama, A. 66652
Shimizu, K. *see* Nishitani, Y. 49358
Shimizu, K. *see* Odagiri, H. 99002
Shimizu, K. *see* Sato, S. 56617
Shimizu, K. *see* Yamashita, M. 99001
Shimizu, M., Fujisawa, H., Sugiyama, M., Shiosaki, T. Effects of O_3 on growth and electrical properties of $Pb(Zr,Ti)O_3$ thin films by photoenhanced metalorganic chemical vapor deposition 91568
Shimizu, M., Hayashi, K., Katayama, T., Shiosaki, T. Compositional control of ferroelectric $Pb(Zr,Ti)O_3$ thin films by reactive sputtering and MOCVD 54956
Shimizu, M., Inuishi, M., Tsukamoto, K., Arima, H., Miyoshi, I. Deep submicron field isolation with buried insulator between polysilicon electrodes (BIPS) 93665
Shimizu, M., Kanai, Y., Uchida, H., Katsube, T. Integrated biosensor employing a surface photovoltage technique 98124
Shimizu, M., Sugiyama, H., Fujisawa, N., Shiosaki, T. Control of orientation of $Pb(Zr,Ti)O_3$ thin films using $PbTiO_3$ buffer layer 93707
Shimizu, M. *see* Chen, Z. 50452
Shimizu, M. *see* Furushima, Y. 93735
Shimizu, M. *see* Horiguchi, M. 63748
Shimizu, M. *see* Kanai, Y. 98123
Shimizu, M. *see* Katayama, T. 54948
Shimizu, M. *see* Kikushima, K. 52571
Shimizu, M. *see* Muhammet, R. 91571
Shimizu, M. *see* Ohishi, Y. 63699
Shimizu, M. *see* Sato, T. 98158
Shimizu, M. *see* Yamada, M. 94410
Shimizu, M. *see* Yara, T. 79949
Shimizu, N., Gui-Xin Cheng, Ikegami, M., Nakamura, Y., Tanaka, M. Pipelining Gauss Seidel method for analysis of discrete time cellular neural networks 95805
Shimizu, N., Morooka, T., Enpuku, K. Suppression of washer resonance of DC superconducting quantum interference device by using new washer with additional slit 93925
Shimizu, N., Naito, Y., Itoh, Y., Shibata, Y., Hashimoto, K., Nishio, M., Asai, A., Ohe, K., Umimoto, H., Hirofuji, Y. A poly-buffer recessed LOCOS process for 256 Mbit DRAM cells 63018
Shimizu, N. *see* Chinone, K. 53368
Shimizu, N. *see* Chinone, K. 56242
Shimizu, N. *see* Kotani, H. 92223
Shimizu, N. *see* Kotani, H. 92236
Shimizu, N. *see* Rasikawan, S. 82165
Shimizu, R. *see* Taniguchi, Y. 57861
Shimizu, S., Yahagi, T. An analytical consideration on power spectrum using AR model 95479
Shimizu, S. *see* Kuribayashi, K. 97957
Shimizu, S. *see* Kuribayashi, K. 98318
Shimizu, S. *see* Takahashi, N. 77352
Shimizu, T., Oshima, Y., Moriwaki, Y., Tachikawa, M. Sympathetic cooling of trapped ions with resonant laser radiation [frequency standard application] 86905
Shimizu, T. *see* D'Ambrosio, C. 67286
Shimizu, T. *see* Iguchi, M. 63346
Shimizu, T. *see* Kawaguchi, S. 79031
Shimizu, T. *see* Kawai, H. 51378
Shimizu, T. *see* Kawamura, T. 71109
Shimizu, T. *see* Koyanagi, K. 86003
Shimizu, T. *see* Masuda, A. 92930
Shimizu, T. *see* Miyasaka, T. 90030
Shimizu, T. *see* Murakawa, T. 89635
Shimizu, T. *see* Nakajima, T. 52348
Shimizu, T. *see* Nakao, Y. 55287
Shimizu, T. *see* Ohmoto, R. 75246
Shimizu, T. *see* Ohsato, M.H. 100339
Shimizu, T. *see* Tanaka, S. 49489
Shimizu, T. *see* Tanaka, S. 70666
Shimizu, T. *see* Toba, A. 100334
Shimizu, T. *see* Yanagawa, H. 72411
Shimizu, T. *see* Yonezawa, Y. 79921
Shimizu, T. *see* Yoshida, T. 68507
Shimizu, Y., Hashimoto, O., Tsujimara, A., Kimura, T. A design chart of the two layered wave absorber for the both TE and TM waves 64135
Shimizu, Y., Matsumara, S. Rotation speed control of horizontal-axis wind turbine by tip vane 89756
Shimizu, Y. *see* Aoyagi, T. 83632
Shimizu, Y. *see* Baba, S. 85669
Shimizu, Y. *see* Idehara, T. 62093
Shimizu, Y. *see* Idehara, T. 62105
Shimizu, Y. *see* Kawashima, H. 76243
Shimizu, Y. *see* Nagatsuka, M. 98920
Shimizu, Y. *see* Nakagawa, K. 50789
Shimizu, Y. *see* Nakayama, M. 58584
Shimizu, Y. *see* Tsujioka, T. 56310
Shimizu Youichi *see* Youichi Shimizu
Shimkaveg, G.M. *see* Ratowsky, R.P. 50733
Shimko, D., Jampala, A.K. An overview of Madison Gas and Electric's energy management system 53621
Shimo, C.N. *see* Sekiguchi, A. 79927
Shimoda, H. *see* Inoue, A. 77606
Shimoda, H. *see* Lee, J. 67768
Shimoda, H. *see* Tada, T. 77311
Shimoda, K. *see* Azadegan, F. 86791
Shimoda, K. *see* Sugawara, T. 50351
Shimoda, L.M. *see* Tague, J.A. 52447
Shimoda, S. *see* Itoh, Y. 66030
Shimoda, T. *see* Arai, A. 72173
Shimoda, T. *see* Miyazawa, H. 50604
Shimoda, Y. *see* Satoh, H. 85963
Shimodaira, Y. *see* Ikeda, A. 96575
Shimogawa, S., Takahashi, Y. On a set of interdeparture time distributions of the M/G/1 queue with server vacations 58147
Shimohara, K., Wabuka, H., Nakajima, Y., Tanaka, I., Kobayashi, T., Shiraishi, K. Microcontroller μPD78366 for inverter 61759
Shimohara, K. *see* Hiraiwa, A. 59412
Shimoi, H. *see* Takahashi, A. 87388
Shimoji, M., Koda, T., Hirai, T., Tsuji, K. Simulation technology for a liquid injection single-screw compressor 79020
Shimojima, K. *see* Fukuda, T. 66502
Shimojo, M., Ishikawa, M. An active touch sensing method using a spatial filtering tactile sensor 52821
Shimojo, S. A platform and architecture for multimedia system 51922
Shimokado, S. *see* Seikai, S. 63701
Shimokado, S. *see* Seikai, S. 65837
Shimokawa, F., Koike, S., Matsuura, T. Fabrication of fluorinated polyimide waveguides on copper-polyimide multilayer substrates for opto-electronic multichip modules 94312
Shimokawa, F., Kuwano, H. New high-power fast atom beam source 98486
Shimokawa, F. *see* Furuya, A. 55501
Shimokawa, F. *see* Furuya, A. 79993
Shimokawa, K., Usami, T., Yoshimaru, M. Water desorption control of interlayer dielectrics to reduce MOSFET hot carrier degradation 50029
Shimokawa, K. *see* Ida, J. 71807
Shimokawa, K. *see* Ohkawa, K. 96428
Shimokawa, R., Ishii, K., Nishikawa, H., Takahashi, T., Hayashi, Y., Saito, I., Nagamine, F., Igari, S. Sub-5 μm thin film c-Si solar cell and optical confinement by diffuse reflective-substrate 100578
Shimokawa, R. *see* Asaoka, K. 100600
Shimokawa, R. *see* Nagamine, F. 100678
Shimokawa, Y. *see* Fuwa, Y. 95948
Shimokawa, Y. *see* Kihara, Y. 85896
Shimokohbe, A., Tang, D., Yasuda, K., Sato, K., Zang, E., Akabane, M. An optical fiber heterodyne interferometry displacement sensor. III. Performance improvements 87509
Shimokohbe, A. *see* Sato, K. 90323
Shimokura, N. *see* Sonoi, Y. 67801
Shimomoto, Y. *see* Ohmura, M. 97269
Shimomura, K., Nitta, Y., Sakashita, N., Nakamura, K., Tokuda, T. A fuzzy inference processor with 12 bit resolution and 100k FLIPS performance 55290
Shimomura, K., Otagaki, T., Tamagawa, Y., Kobayashi, M., Aoki, H., Sano, Y., Terakawa, S. Novel synthetic aqueous photoresist for CCD micro color filter 81679
Shimomura, K. *see* Mizuochi, T. 65850
Shimomura, K. *see* Mizuochi, T. 86359
Shimomura, K. *see* Nagamine, K. 76397
Shimomura, K. *see* Suzuki, K. 94432
Shimomura, S. *see* Hiyamizu, S. 55595
Shimomura, S. *see* Shimada, H. 81678
Shimomura, S. *see* Shimada, H. 81728
Shimomura, S. *see* Wakejima, A. 54847
Shimomura, T. *see* Ohtsuka, M. 97914
Shimomura, T. *see* Serikawa, S. 51630
Shimomura, T. *see* Serikawa, S. 98330
Shimomura, T. *see* Tanaka, K. 56929
Shimomura, T. *see* Tanaka, K. 64015
Shimomura, T. *see* Tanaka, K. 94673
Shimonaga, H., Ohno, H., Matsunaga, R. Development of new supervisory system with ITV 75752
Shimone, T. *see* Tamura, T. 61761
Shimoto, T. *see* Kousaka, T. 91059
Shimotori, T., Nikawa, Y., Mori, S. Study on semicylindrical microstrip applicator for microwave hyperthermia 88534
Shimoyama, I. *see* Yasuda, T. 63111
Shimoyama, K. *see* Watanabe, M. 94464
Shimoyama, N. *see* Machida, K. 55983
Shimoyama, R., Kagawa, Y., Takeda, Y., Yamabuchi, T., Murai, T., Nishizuka, N. Finite element simulation of flow-excited vocal cords oscillation—effect of expiratory air compressibility on the oscillation 57410
Shimozuma, M. *see* Hashizume, T. 81369
Shimozuma, T., Kikunaga, T., Sato, N., Shimawaki, H., Suzuki, T., Yokoo, K., Ono, S., Kido, G., Terumichi, Y. Design and the first experiment of a 1 THz gyrotron 92891
Shimozuma, T. *see* Kikunaga, T. 49748
Shimozuma, T. *see* Ohkubo, K. 92457
Shimura, F. *see* Daio, H. 62148
Shimura, T., Sakai, M., Inoue, A., Izumi, S., Matsuoka, H., Udomoto, J., Kosaki, K., Kuragaki, T., Hattori, R., Takano, H., Sonoda, T., Takamiya, S., Mitsui, S. 1 W Ku-band AlGaAs/GaAs power HBTs with 72% peak power-added efficiency 92529
Shimura, T. *see* Mihashi, Y. 63606
Shimura, T. *see* Miyakuni, S. 55792
Shimura, T. *see* Saito, T. 80786
Shimura, Y. *see* Imaizumi, S. 51381
Shimura, Y. *see* Takashi, T. 70716
Shin, C.B., Jr. *see* Jiahnsheng Yin 96599
Shin, D.C., Nikias, C.L. Adaptive noise canceler for narrowband/wideband interferences using higher-order statistics 83710
Shin, D.C., Nikias, C.L. Adaptive interference canceler for narrowband and wideband interferences using higher order statistics 94860
Shin, D.C., Nikias, C.L. Estimation of frequency-delay of arrival (FDOA) using fourth-order statistics in unknown correlated Gaussian noise sources 95390
Shin, D.C., Nikias, C.L. Frequency-delay of arrival (FDOA) estimation using fourth-order statistics in spatially correlated Gaussian noises 95539
Shin, H. *see* Ma, Z.J. 62785
Shin, H.J. A self-biased feedback-controlled pull-down emitter follower for high-speed low-power bipolar logic circuits 49353
Shin, H.J. Self-biased feedback-controlled pull-down emitter follower for high-speed low-power bipolar logic circuits 70452
Shin, H.S., Goodwin, D.G. Deposition of diamond coatings on particles in a microwave plasma-enhanced fluidized bed reactor 48937
Shin, J., Verma, A., Stringfellow, G.B., Gedridge, R.W., Jr. Trisdimethylaminoantimony: a new Sb source for low temperature epitaxial growth of InSb 79864
Shin, J. *see* Lee, S. 77080
Shin, J.C., Kwun, S.I., Kim, Y., Kim, Y.J., Pyun, J.K., Her, J., Lim, H. Conducted noise generation in a simple R-L-diode series circuit 71568
Shin, J.H. *see* Lee, K.S. 97896
Shin, J.Y., Oh, J.H. The microwave absorbing phenomena of ferrite microwave absorbers 51080
Shin, J.Y. *see* Kwon, H.J. 63202
Shin, K. *see* Tomlinson, M.A. 79444
Shin, K.C. *see* Kudo, K. 50859
Shin, K.G. *see* Qin Zheng 51765
Shin, K.G. *see* Qin Zheng 58193
Shin, K.G. *see* Ramanathan, P. 61495
Shin, K.G. *see* Zheng, Q. 74704
Shin, M.W., Bilbro, G.L., Trew, R.J. High temperature operation of n-type 6H-SiC and p-type diamond MESFETs 62895
Shin, M.W., Trew, R.J., Bilbro, G.L. High temperature DC and RF performance of p-type diamond MESFET: comparison with n-type GaAs MESFET 81936
Shin, M.W. *see* Bilbro, G.L. 62897
Shin, N.-F., Hong, J.-W., Wu, Y.-F., Jen, T.-S., Chang, C.-Y. Investigation of new narrow-bandwidth a-Si:H photodetector 66343

Shin, R.T. *see* Hara, Y. 59596
Shin, R.T. *see* Hsu, C.C. 77712
Shin, R.T. *see* Lee, C.F. 51096
Shin, R.T. *see* Lim, H.H. 73290
Shin, R.T. *see* Xia, J.J. 93903
Shin, S., Chu, K., Won, Y.-H. A novel optical compressor for cell-interleaved time-division multiplexing system 86375
Shin, S. *see* Cong, B. 58182
Shin, S.M. *see* Lee, J.H. 85902
Shin, W.-S. *see* Cho, C.-H. 80587
Shin, Y.-D., Lee, Y.-H., Rhee, J.-R. Observation of thin film magnetostriction using a piezoelectric sensor 53029
Shin, Y.-H. *see* Ko, J.S. 56127
Shin, Y.C. *see* Sung Jun Oh 91665
Shin, Y.H. *see* Lee, S.H. 56104
Shin, Y.K. *see* Sun, Y.S. 80000
Shin, Y.K. *see* Sun, Y.S. 80001
Shin Byoung-Chul *see* Byoung-Chul Shin
Shin Dong Won *see* Dong Won Shin
Shin Doo Sik *see* Doo Sik Shin
Shin Heon Shik *see* Heon Shik Shin
Shin Hyun Joon *see* Hyun Joon Shin
Shin Hyunchul *see* Hyunchul Shin
Shin Hyung Jo *see* Hyung Jo Shin
Shin Hyungcheol *see* Hyungcheol Shin
Shin Jae Heon *see* Jae Heon Shin
Shin Jae Ho *see* Jae Ho Shin
Shin Jea Beom *see* Jea Beom Shin
Shin Jiue-Rou *see* Jiue-Rou Shin
Shin Jong Cheol *see* Jong Cheol Shin
Shin Jong-Han *see* Jong-Han Shin
Shin Joong-Rin *see* Joong-Rin Shin
Shin Kang *see* Kang Shin
Shin Nerng-Fu *see* Nerng-Fu Shin
Shin Pei *see* Gabara, T. 49201
Shin Sang-Yung *see* Sang-Yung Shin
Shin Suk Hyun *see* Suk Hyun Shin
Shin Sung-Chul *see* Sung-Chul Shin
Shin Woo Nam *see* Tae Hyuk Ahn 71367
Shin Yong Dal *see* Yong Dal Shin
Shin Yun-sik Cooperation tasks of telecommunications in the Asia-Pacific region 96339
Shin-An Sun *see* Sun Shin-An
Shin-ichi Furukawa *see* Izumita, H. 82541
Shin-ichi Suzuki *see* Matsuse, K. 90173
Shin-Muh Lee *see* Li Wang 89126
Shin-Puu Jeng, Mi-Chang Chang, Kroger, T., McAnally, P., Havemann, R.H. A planarized multilevel interconnect scheme with embedded low-dielectric-constant polymers for sub-quarter-micron applications 71435
Shin-Puu Jeng, West, J.A., Wyke, D. A novel $TiSi_2$/TiN clad local interconnect technology 71760
Shin-Shem Pei *see* Lentine, A.L. 56420
Shin-Tson Wu, Lackner, A.N. Mylar-film-compensated π and parallel-aligned liquid crystal cells for direct-view and projection displays 50593
Shin-Yeu Lin, Ch'i-Hsin Lin, Sun-Li Yu An efficient descent algorithm for a class of unconstrained optimization problems of nonlinear large mesh-interconnected systems 79656
Shina, S.G. Achieving world class quality in PCB manufacturing through concurrent engineering 91123
Shina, T. *see* Hamamoto, K. 76930
Shinada, K. *see* Hara, T. 93128
Shinada, Y. *see* Kowase, T. 92362
Shinagawa, K. *see* Ohno, K. 50208
Shinagawa, M. *see* Nagatsuma, T. 58407
Shinagawa, Y. *see* Tanaka, T. 98211
Shinas, M.A. *see* Sandoval, D.P. 98467
Shinbo, K. *see* Kaneko, F. 62031
Shinbo, T. *see* Sato, T. 97422
Shinbo, Y., Miyake, K. Frame relay and ATM network interworking for high speed public data communication networks 65377
Shinbori, E., Takagi, M. High-quality image magnification applying the Gerchberg-Papoulis iterative algorithm with DCT 95869
Shinde, S.S. *see* Bhatt, B.C. 88606
Shindo, H. *see* Fukasawa, T. 55803
Shindo, H. *see* Jiwari, N. 93210
Shindo, K. *see* Ozawa, J. 68896
Shindo, W. *see* Hirayama, M. 61240
Shindo, Y. *see* Lund, P.C. 88835
Shine, T. *see* Watanabe, N. 86526
Shiner, D., Dixson, R. Measuring the fine structure constant, α, using helium fine structure 86972
Shing, L. *see* Stern, R.A. 58833
Shing Ho Kin *see* Kin Shing Ho
Shing Lau Wai *see* Wai Shing Lau
Shing-Gang Kou *see* Glasserman, P. 85275
Shing-Hong Chen *see* Chang, H.K.-C. 73674
Shing-Huan Lee, Jin-Jang Leou A dynamic programming approach to line segment matching in stereo vision 74579
Shing-Tsaan Huang, Lih-Chyau Wuu, Ming-Shin Tsai Distributed execution model for self-stabilizing systems 65077
Shing-Tsaan Huang *see* Lih-Chyau Wuu 85840
Shingmin Wang *see* Yaoshuang Qu 58144
Shingu, H., Murata, M., Ono, T., Ishikawa, K. Current status of flight evaluation of DGPS-INS hybrid navigation system at NAL 97483
Shingubara, S., Nishida, H., Sakaue, H., Horiike, Y. Electromigration characteristics of Cu-Al precipitate in AlCu interconnection 81562
Shingyouji, T. *see* Ishigami, S. 55747
Shingyouji, T. *see* Ishigami, S. 93152
Shingyouji, T. *see* Murakami, Y. 63050
Shinji, O. *see* D'Ambrosio, C. 67286
Shinjo, K. *see* Wakai, T. 68336
Shinjo, K. *see* Yoshimura, O. 61620
Shinkai, H. *see* Yamagata, Y. 78674
Shinkai, S. *see* Makino, S. 50261
Shinkarenko, V.F. Geometric simulation techniques in problems of external design of unconventional electromechanical energy converters 89833
Shinkawata, H. *see* Ohno, Y. 70487
Shinmura, T. *see* Matsubara, Y. 71801
Shinn, G.B. *see* Barna, G.G. 62351
Shinn, M.D. *see* Sumida, D.S. 94426
Shinn-Ying Ho *see* Zen Chen 95734
Shinnaka, S. A unified analysis on simultaneous identification of velocity and rotor resistance of induction motors 60204
Shinnaka, S., Sakakibara, N., Fukazawa, H. A unified vector analysis for vector control of induction motors 89940
Shinners, S.P. *see* Benimoff, N.I. 85556
Shino, T. *see* Hasebe, N. 59057
Shino, T. *see* Nagata, K. 59058
Shinobu Doi *see* Grossman, B. 52938
Shinoda, H., Ando, S. Ultrasonic emission tactile sensor for contact localization and characterization 97984
Shinoda, K. *see* Sagawa, M. 83052
Shinoda, K.I. *see* Marcelo, R.M. 79616
Shinoda, M., Iwasaki, K., Tanigawa, S., Tokunaga, M. Magnetic properties of arc-shaped Nd-Fe-B die-upset magnets 63257
Shinoda, S., Okada, K. On solutions of the element-value determinability problem of linear analog circuits 80071
Shinoda, S. *see* Nakamura, T. 64599
Shinoda, S. *see* Sengoku, M. 86193
Shinoe, K., Koseki, T., Kamiya, Y., Nakamura, N., Katsura, T., Ieiri, T. Beam position monitoring system using PIN diode switches 76485
Shinoe, K., Nakamura, N., Katsura, T., Kamiya, Y. Design and calibration of pickup-electrodes for beam position monitoring at SOR-RING 76498
Shinoe, K. *see* Kudo, H. 67212
Shinohara, A. *see* Hori, A. 62836
Shinohara, H., Kimoto, K., Itami, T., Ambo, T., Okado, C., Nakajima, K., Hojo, S., Ioka, S., Kuniyoshi, M. Development of a residential use, utility interactive PV inverter with high-frequency isolation 100017
Shinohara, H. *see* Kondo, Y. 92452
Shinohara, H. *see* Okado, C. 89752
Shinohara, H. *see* Tanaka, A. 54539
Shinohara, H. *see* Wachi, Y. 82435
Shinohara, H. *see* Yamada, K. 92299
Shinohara, H. *see* Yuyama, S. 100022
Shinohara, I. *see* Takata, M. 75785
Shinohara, J. *see* Yamada, R. 100329
Shinohara, K., Minami, T., Yuki, Y. Color image analysis in a vector field 85150
Shinohara, K. *see* Kato, Y. 50730
Shinohara, M. Optimum dimensioning of circuit-switched networks handling heterogeneous traffic with application to multiple bit-rate network dimensioning 96791
Shinohara, M., Nugraha, Noda, Y., Furukawa, Y. Hg-loss compensation and wiping-off of source liquid on slider liquid phase epitaxy of $Hg_{1-x}Cd_xTe$ 79808
Shinohara, M., Tanimoto, M., Yokoyama, H., Inoue, N. Wide terrace formation during metalorganic vapor phase epitaxy of GaAs, AlAs, and AlGaAs 79817
Shinohara, M., Wakamatsu, H., Kaitsu, I., Tagawa, I., Nakamura, Y. High SNR perpendicular recording media 71972
Shinohara, M. *see* Okamoto, K. 55842
Shinohara, M. *see* Sato, K. 50304
Shinohara, M. *see* Ura, S. 72422
Shinohara, M. *see* Yokoyama, H. 91476
Shinohara, N. *see* Koshiishi, H. 97507
Shinohara, N. *see* Nakajima, H. 58528
Shinohara, S., Suzuki, T., Yoshida, H., Ikeda, H., Sumi, M. Acquisition of 3-D image of still or moving objects utilizing laser diode range-finding speedometer 95945
Shinohara, S. *see* Ikeda, H. 100344
Shinohara, S. *see* Toyoshima, M. 87608
Shinohara, S. *see* Toyoshima, M. 98379
Shinohara, S. *see* Tsukuda, N. 97436
Shinohara, S. *see* Wu, Y. 97267
Shinohara, S. *see* Yuying Wu 97277
Shinohara, T., Tarui, Y. High-performance polycrystalline silicon TFTs using self-aligned grain boundary control technique 71630
Shinohara, T. *see* Lal, B.B. 50300
Shinohara, Y. *see* Bhatt, S.C. 68013
Shinohara, Y. *see* Ishikawa, N. 84939
Shinohe, T., Minami, Y., Sato, S., Ohashi, H. Device parameter analysis for direct replacement of thyratrons with MAGTs 55937
Shinomiya, M. Matching network of the inductively coupled discharge lamps 78996
Shinomiya, S. *see* Kohga, K. 66044
Shinonaga, A. Miniature designs, SMT yield creation of composite switches 55455
Shinonaga, H., Ito, Y. Design of multibeam satellite networks realized by subchannel switched FDMA (SS/FDMA) system 97185
Shinone, K. *see* Takahashi, Y. 94534
Shinone, K. *see* Yamada, A. 94535
Shinoura, O. *see* Noguchi, K. 71933
Shinozaki, S. *see* Hatsumura, T. 80697
Shinozaki, S. *see* Mineo, M. 80876
Shinozaki, T. *see* Baba, S. 85669
Shinozaki, Y. *see* Kume, T. 52351
Shinozuka, T. *see* Nomura, T. 87945
Shinozuka, T. *see* Ohkawa, K. 96428
Shintake, T. Design of high power model of damped linear accelerating structure using choke mode cavity 67137
Shintake, T. Suppression of longitudinal coupled-bunch instability using energy storage cavity in B-factory RF-system 67138
Shintaku, M. *see* Ohsawa, Y. 53666
Shintani, A. *see* Miyano, T. 79767
Shintani, K., Itoh, H. Conduction-controlled dispersion of surface acoustic waves in III-V and II-VI compound semiconductors: the effect of drift current 56154
Shintani, K. *see* Kubota, Y. 52730
Shintani, Y. *see* Tominaga, K. 93684
Shintani, Y. *see* Wada, N. 56566
Shintomi, T. *see* Kimura, A. 72259
Shinwu Chiang *see* Halperin, A. 48683
Shinya, K. *see* Saito, K. 63253
Shinya, M. Spatial anti-aliasing for animation sequences with spatio-temporal filtering 57809
Shinyashiki, H. *see* Ishigami, S. 55747
Shinyashiki, H. *see* Ishigami, S. 93152
Shinzato, T. *see* Yamaguchi, S. 83072
Shinzawa, T., Sugai, K., Kobayashi, A., Hayashi, Y., Nakajima, T., Kishida, S., Okabayashi, H., Yako, T., Tsunenari, K., Murao, Y. Adhesion layerless submicron Al damascene interconnections using novel Al-CVD 71436
Shio, A. *see* Kato, K. 84702
Shio, A. *see* Tanabe, K. 66150
Shioda, K. Digital optical disc technology applied in broadcasting 97526
Shioda, S. *see* Harada, N. 69017
Shiohama, J. *see* Yamaguchi, K. 75159
Shiojiri, M. *see* Koseki, K. 70172
Shiokawa, S., Sasase, I. Performance of a non-blocking space-division packet switch with two kinds of correlated input calls 74657
Shiokawa, S. *see* Kondoh, J. 71909
Shiokawa, S. *see* Kondoh, J. 93857
Shiokawa, S. *see* Kondoh, J. 97915
Shiokawa, S. *see* Kondoh, J. 98126
Shiokawa, S. *see* Kondoh, J. 98131
Shiokawa, T. *see* Iwai, H. 75314
Shiokawa, T. *see* Karasawa, Y. 52382
Shiokawa, T. *see* Minamisono, K. 86104
Shiokawa, T. *see* Yong-Feng Lu 49899
Shiomi, A. *see* Sato, J. 49492
Shiomi, J., Kato, H., Iriyama, T., Yamada, M., Kido, G., Nakagawa, Y. High-field magnetization study of $Sm_2Fe_{17}N_x$ and related compounds 63164
Shiomi, T. *see* Ohbayashi, S. 92211
Shiomi, Y. *see* Koshiishi, H. 97507
Shiomi, Y. *see* Nakajima, H. 58528
Shiono, M. *see* Onoue, H. 51608
Shiono, N., Nakajima, S., Mizusawa, T., Ueki, T., Kanamori, S., Tazawa, S. Reliability evaluation and failure analysis techniques 48730
Shiono, N. *see* Mori, M. 56055
Shiono, N. *see* Mori, M. 93546
Shiono, T. *see* Seki, T. 63408
Shiono, T. *see* Shimatani, N. 71299
Shionozaki, A. *see* Murata, S. 65073
Shiosaki, T. *see* Chen, Z. 50452
Shiosaki, T. *see* Furushima, Y. 93735
Shiosaki, T. *see* Katayama, T. 54948
Shiosaki, T. *see* Lian, J. 63075
Shiosaki, T. *see* Muhammet, R. 91571
Shiosaki, T. *see* Ohki, M. 56158
Shiosaki, T. *see* Ohki, M. 71886
Shiosaki, T. *see* Shimizu, M. 54956
Shiosaki, T. *see* Shimizu, M. 91568
Shiosaki, T. *see* Shimizu, M. 93707
Shiosaki, T. *see* Zhiming Chen 94606
Shiota, F., Miki, Y., Namba, A., Nezu, Y., Sakamoto, Y., Morokuma, T., Hara, K. Progress in absolute determination of Φ_0 using superconducting magnetic levitation 86985
Shiota, K., Imai, T., Murasawa, K., Tanimura, H. 'Panatetra' reinforced resin 79988
Shiota, T. *see* Murakami, Y. 63050
Shiotani, M. *see* Akiyoshi, M. 78222
Shiou-Wen Lu, Ling-Yang Kung Cluster model for optimal double-loop connected network 85841
Shioya, H. *see* Matsumura, S. 78355
Shioya, M. Infinitary Jonsson functions and elementary embeddings 54688
Shioya, M. *see* Miyasaka, T. 90030
Shioya, M. *see* Toba, A. 100334
Shioya, Y. *see* Usujima, A. 81745
Shioya Kouhei *see* Kouhei Shioya

Shioyama, T., Okumura, A., Hamanaka, J., Hashimoto, K. Recognition algorithm for hand-printed Chinese characters by FFT 51638
Shioyama, Y., Matsunaga, Y., Hatori, F., Tango, H., Yoshida, O. Analysis of incomplete transfer noise of 'two level' CCD image sensor 52946
Shiozaki, A. New class of codes based on two-dimensional Fourier transforms over finite fields 95184
Shiozaki, A. *see* Lee, J.H. 57383
Shiozaki, M. *see* Shimazu, T. 56209
Shiozaki, T. *see* Yamamoto, T. 54946
Shiozawa, J. *see* Eguchi, T. 93420
Shiozawa, T., Utsonomiya, E., Ueda, T. Characteristics of a Cherenkov laser improved by loading a Kerr-like medium 72938
Shiozawa, T. *see* Maenaka, K. 66239
Shiozawa, T. *see* Shiragaki, T. 65545
Shiozawa, T. *see* Shiragaki, T. 82780
Shiozawa Jun-Ichi *see* Jun-Ichi Shiozawa
Shipbaugh, C. *see* Frost, G. 67966
Shipeng Huang *see* Huang Shipeng
Shipilin, A.V. *see* Jilinsky, A.P. 98025
Shipilova, N.A. *see* Ioannisian, A.B. 77046
Shiping Cheng *see* Cheng Shiping
Shiple, T. *see* Covey, K. 92043
Shipley, C. *see* Kirk, J. 65915
Shiplyuk, A.N. *see* Kiselev, V.Ya. 99043
Shipman, D. *see* Jennings, C. 99991
Shipman, F. *see* Reeves, B. 96719
Shipman, J.S. *see* Pritt, M.D. 88856
Shipp, D.D., Vilcheck, W.S. Power quality and line considerations for variable speed AC drives 78884
Shipps, J.C., Miller, S.K., Shaver, J. Active exhaust silencers quiet diesel generator sets 89704
Shipsey, I. *see* Dixit, M.S. 88014
Shipulin, A.V. *see* Richardson, D.J. 65801
Shiqing Xiang *see* Xiang Shiqing
Shiqun Zhu Saturation effects in a two-mode ring laser 83209
Shirafuji, J. *see* Sakamoto, Y. 55568
Shirafuji, J. *see* Sugino, T. 48931
Shirafuji, J. *see* Sugino, T. 55894
Shirafuji, J. *see* Sugino, T. 70119
Shiraga, H. *see* Nakajima, K. 76627
Shiragaki, T., Fujiwara, M., Suzuki, S., Burke, C., Shiozawa, T. Optical digital cross-connect system using photonic switch matrices and optical amplifiers 65545
Shiragaki, T., Fujiwara, M., Suzuki, S., Burke, C., Shiozawa, T. Optical digital cross-connect system using photonic switch matrices and optical amplifiers 82780
Shirahama, H., Sakurai, Y., Matsuda, Y., Ishigaki, Y., Murai, K. Instantaneous control method with a GTO converter for active and reactive powers in superconducting magnetic energy storage 60488
Shirahama, H., Taniguchi, K., Nakashi, K. A new very fast pull-in PLL system with anti-pseudo-lock function 70715
Shirahama, H. *see* Nakashi, K. 70333
Shirahata, M. *see* Kuroi, T. 71668
Shirahata, M. *see* Kuroi, T. 93615
Shirai, H., Drevillon, B., Shimizu, I. Role of hydrogen plasma during growth of hydrogenated microcrystalline silicon: In situ UV-visible and infrared ellipsometry study 91579
Shirai, H. *see* Jongsuck Bae 63661
Shirai, H. *see* Oyama, K. 61728
Shirai, M. *see* Hiruma, K. 91541
Shirai, M. *see* Matsuo, T. 71356
Shirai, S. *see* Ikehara, S. 85430
Shirai, S. *see* Ishida, S. 49983
Shirai, S. *see* Kohda, S. 72459
Shirai, S. *see* Okamura, M. 66371
Shirai, S. *see* Serikawa, T. 55955
Shirai, S. *see* Suyama, S. 49009
Shirai, S. *see* Ueno, T. 81627
Shirai, T., Dewa, H., Fujita, H., Ikegami, M., Iwashita, Y., Kakigi, S., Okamoto, H., Noda, A., Inoue, M. One year operation of the 7 MeV proton linac 76407
Shirai, T., Kosukegawa, M. Calibration for electron spin resonance (ESR) magnetometer in low magnetic field (10 mT) 86965
Shirai, Y., Nitta, T., Shibata, T., Yajima, S., Okada, T. Voltage ripple reduction control of energy transfer circuit with inductor converter bridges between superconducting magnets 78842
Shirai, Y. *see* Etoh, M. 64707
Shirai, Y. *see* Gu, H. 84810
Shirai, Y. *see* Gu, H. 96012
Shirai, Y. *see* Hsiao-Jing Chen 84699
Shirai, Y. *see* Hsiao-Jing Chen 84853
Shirai, Y. *see* Nitta, T. 82428
Shirai, Y. *see* Otsuka, K. 91679
Shirai, Y. *see* Tanaka, A. 54539
Shirai, Y. *see* Tanaka, K. 84783
Shirai, Y. *see* Yamada, K. 92299
Shiraishi, H., Ipri, S.L., Cho, D. CMAC neural network for fuel-injection control 60593
Shiraishi, H. *see* Yoshimura, T. 71537
Shiraishi, K. *see* Ito, K. 91547
Shiraishi, K. *see* Shimohara, K. 61759
Shiraishi, N. *see* Matsumoto, K. 71521
Shiraishi, O. *see* Kondou, T. 65638
Shiraishi, S. *see* Tachimoto, S. 85500
Shiraishi, T. *see* Lau, S.T. 50894
Shiraishi, T. *see* Sasaki, H. 73398
Shiraishi, T. *see* Tsuchiya, T. 97242
Shiraishi, Y. *see* Garan, S. 78925
Shiraishi, Y. *see* Ishida, H. 97276
Shiraiwa, Y. *see* Nagai, M. 66294
Shirakabe, Y. *see* Nomura, T. 87945
Shirakashi, J.-I., Azuma, T., Konagai, M., Yoshioka, R.T., Takahashi, K. MOMBE growth of InGaP with tertiarybutylphosphine (TBP) and its application to the carbon-doped base InGaP/GaAs HBTs 54906
Shirakashi, M. *see* Sano, M. 66767
Shirakata, M., Sato, H., Toyama, T., Marutsuka, K., Shoji, Y. Injection error monitor for KEK 12 GeV PS 98412
Shirakata, S., Morita, K., Isomura, S. Preparation of $CuGaSe_2$ heteroepitaxial layers by metalorganic molecular beam epitaxy 54916
Shirakata, S., Yokoyama, A., Isomura, S. Preparation of $SnO_2/CuInSe_2$ heterojunction 63571
Shirakata, S. *see* Chichibu, S. 61307
Shirakata, S. *see* Chichibu, S. 62213
Shirakata, S. *see* Chichibu, S. 79822
Shirakata, S. *see* Gupta, A. 61357
Shirakata, S. *see* Murakami, T. 62207
Shirakata, S. *see* Ogawa. A. 61228
Shirakawa, C. *see* Kuwahara, K. 58119
Shirakawa, I. *see* Choi, H. 80232
Shirakawa, I. *see* Shigehiro, Y. 62958
Shirakawa, K. *see* Kuji, N. 61618
Shirakawa, K. *see* Kurata, H. 49688
Shirakawa, M. Aircraft altitude profile estimation with natural spline function 53513
Shirakawa, S. Recent trends of surge arresters on electric power systems 68315
Shirakawa, T. *see* Fujiwara, S. 91416
Shirakawa, T. *see* Kimura, Y. 85142
Shirakawa, T. *see* Okabe, T. 91092
Shirakawa, Y. *see* Yano, Y. 80896
Shiraki, H. Amplifying image sensor with buried electrode 52947
Shiraki, S. *see* Tounai, K. 71458
Shiraki, T. *see* Tsujino, J. 77754
Shiraki, T. *see* Tsujino, J. 99373
Shiraki, Y. *see* Fukatsu, S. 55602
Shiraki, Y. *see* Fukatsu, S. 55603
Shiraki, Y. *see* Ishikawa, E. 71193
Shiraki, Y. *see* Kuwano, N. 70016
Shiraki, Y. *see* Mukhopadhyay, M. 81367
Shiraki, Y. *see* Sunamura, H. 62437
Shiraki, Y. *see* Takahashi, H. 94637
Shiraki, Y. *see* Tokuda, K. 64216
Shiraki, Y. *see* Usami, N. 61244
Shirakta, S., Ogawa, A., Isomura, S., Kariya, T. Photoluminescence and photoreflectance of $CuGa(S_{1-x}Se_x)_2$ and $Cu(Ga_{1-x}In_x)S_2$ alloys 62210
Shiramatsu, N., Inoue, A. Removing moire patterns from shadow-mask CRTs 76138
Shiramatsu, N. *see* Hara, Z. 58915
Shirane, K. *see* Kawakubo, I. 94052
Shirani, O. *see* Amin, M. 78307
Shirao, Y. *see* Ikuno, Y. 61121
Shirasaka, Y. *see* Kasukawa, A. 72843
Shirasaka, Y. *see* Takahashi, E. 78718
Shirasaki, S., Ito, K., Goto, H., Seki, H., Honma, K., Yamashita, T., Arimitsu, C., Ito, S. Traffic information telephone answering system 58082
Shirasawa, K., Takahashi, H., Inomata, Y., Ogasawara, S., Fukui, K., Okada, K., Takayama, M., Watanabe, H. Over 16% efficiency large area-multicrystalline silicon solar cell 100648
Shirasawa, K. *see* Fukui, K. 100565
Shirasuka, K. *see* Ishida, M. 68659
Shiratake, S., Takashima, D., Hasegawa, T., Nakano, H., Oowaki, I., Watanabe, S., Ohuchi, K., Masuoka, F. A staggered NAND DRAM array architecture for a Gbit scale integration 70528
Shiratake, S. *see* Takashima, D. 70543
Shiratake, S. *see* Tanzawa, T. 70527
Shirataki, J. *see* Ishihara, M. 73802
Shiratani, M., Fukuzawa, T., Watanabe, Y. Formation processes of particulates in helium-diluted silane RF plasmas 49838
Shirato, T. *see* Okada, T. 70327
Shirato, T. *see* Okada, T. 97005
Shiratori, M. *see* Sakai, T. 97883
Shiratori, N. *see* Jun-Ichi Kudoh 77725
Shiratori, N. *see* Kinoshita, T. 65152
Shiratori, N. *see* Seung-Seob Park 74748
Shirazi, A. *see* Israeli, A. 74735
Shirazi, M.N. *see* Noda, H. 84154
Shirazi, M.N. *see* Yamazaki, T. 57634
Shirazi, M.N. *see* Yamazaki, T. 74245
Shire, C. The benefits of a move to 3V 55108
Shire, C. Display systems for low voltage designs 66618
Shire, D., Brownell, G. Hazardous waste minimization in III-V wafer fabrication processes 54482
Shireen, W. *see* Enjeti, P. 68202
Shires, M. 3D real-time video display using a cylindrical HOE 56978
Shirey, L.M., Foster, K.W., Chu, W., Kosakowski, J., Kee Woo Rhee, Dobisz, E.A., Eddy, C., Jr., Park, D., Isaacson, I.P., McCarthy, D., Marrian, C.R.K., Peckerar, M.C. Reactive ion etching of tungsten for high resolution X-ray masks 81598
Shirey, L.M. *see* Chu, W. 49927
Shirey, L.M. *see* Dobisz, E.A. 81599
Shiri, S.M. *see* Twiddy, R. 95833
Shirinskii, S.V. *see* Stavinskii, A.A. 89992
Shirkoohi, G.H., Boukhalfa, M. Effect of stress on deviation of the in-plane flux from the longitudinal direction in single strip testers 63155
Shirkoohi, G.H., Kontopoulos, A.S. Computation of magnetic field in Rogowski-Chattock potentiometer (RCP) compensated magnetic testers 63159
Shirkoohi, G.H., Moses, A.J. Anisotropic dependence of hysteresis and eddy current components of iron loss in non-oriented steels 63154
Shirkoohi, G.H., Yahya, A.M. Localised flux and iron loss in the tooth tip region of a three-phase induction machine stator core 68590
Shirkoohi, G.H. *see* Liu, J. 82243
Shirley, C.Glenn *see* Glenn Shirley, C.
Shirley, D.A. *see* Howells, M.R. 88278
Shirley, J.H., Drullinger, R.E. Zeeman coherences and dark states in optically pumped cesium frequency standards 86869
Shirley, J.H., Lee, W.D., Rovera, G.D., Drullinger, R.E. Rabi pedestal shifts as a diagnostic tool for primary frequency standards 86903
Shirley, J.H. *see* Drullinger, R.E. 86922
Shirley, P.S., Van Allen, R.L., Seltzer, S.M. A pointing and control architecture for large optical aerospace systems 59479
Shirley, R.S. *see* Nelson, R.F. 68353
Shiroishi, Y. *see* Aoi, H. 50301
Shiroishi, Y. *see* Matsuyama, H. 72099
Shiroishi, Y. *see* Matsuyama, H. 76160
Shirokov, P. *see* Etkin, V. 77450
Shirokovsky, I.V. *see* Beraud, R. 67398
Shiroma, W.A., Shaw, B.L., Popovic, Z.B. Three-dimensional power combiners 80629
Shiroma, W.A., Shaw, B.L., Popovic, Z.B. A 100-transistor quadruple grid oscillator 92471
Shirooka, R. *see* Takahashi, N. 77352
Shirota, R. *see* Aritome, S. 92204
Shirota, R. *see* Endoh, T. 61727
Shirota, R. *see* Tanaka, T. 92244
Shirota, R. *see* Watanabe, H. 70515
Shirota, Y., Kuwabara, Y., Inada, H., Wakimoto, T., Nakada, H., Yonemoto, Y., Kawami, S., Imai, K. Multilayered organic electroluminescent device using a novel starburst molecule, 4,4′,4″-tris(3-methylphenylphenylamino)triphenylamine, as a hole transport material 82828
Shiroto, H., Mochizuki, A., Inoue, M. The evaluation of polarization relaxation by means of charge holding ratio 82741
Shirotori, A. *see* Bisaka, Y. 96747
Shirotori, K. *see* Kohno, B.H. 54824
Shirotori, K. *see* Wang, J.L. 49592
Shirotori, T. *see* Unekawa, Y. 49419
Shirotori, T. *see* Unekawa, Y. 70548
Shirouzu, Y. *see* Yoshida, Y. 89653
Shiroyanagi, Y. *see* Saito, S. 82280
Shirozu, Y. *see* Kurano, T. 86007
Shiryaev, S.Y. *see* Thomsen, E.V. 91473
Shisharin, P.A. *see* Bochanov, A.F. 86842
Shisheng Li *see* Li Shisheng
Shishida, K., Yamaguchi, T., Hirai, H. Fast head positioning method of magnetic disk drives 50358
Shishido, T. *see* Noguchi, S. 66814
Shishido, T. *see* Saito, K. 67129
Shishiguchi, S. *see* Sakao, M. 70500
Shishikura, M. *see* Chichibu, S. 61307
Shishino, M. *see* Hamanaka, M. 62525
Shishkin, I.F. *see* Lyakhov, G.A. 99282
Shishkin, V.V. *see* Ivashchenko, P.V. 55167
Shishkov, A.V. *see* Grebenev, V.N. 88135
Shishkov, B.B. Optimum quantizers for detecting deterministic signals in a background of m-coupled Markov noise 84184
Shishkov, B.B. Asymptotically optimum algorithms for signal detection in background of correlated interference and white noise (discrete time) 95424
Shishlov, S.Yu. *see* Burkhanov, A.I. 93743
Shishov, Y. *see* Anishchenko, N. 94012
Shiskowski, R.R. *see* Temofonte, T.A. 66482
Shitara, T., Eberl, K. Electronic properties of InGaP grown by solid-source molecular-beam epitaxy with a GaP decomposition source 70009
Shitov, S.V., Koshelets, V.P., Kovtonyuk, S.A., Baryshev, A.M. Optimally-matched SIS arrays for EHF receivers 49644
Shitov, S.V. *see* Koshelets, V.P. 49645
Shitov, S.V. *see* Koshelets, V.P. 50406
Shitov, S.V. *see* Koshelets, V.P. 50407
Shiu, M.T. *see* Ho, J.-M. 66396
Shiu, M.T. *see* Jin-Maun Ho 87586
Shiu-Kai Chin *see* Parasuram, Y. 49072
Shiue, P.Jau-Shyong *see* Jau-Shyong Shiue, P.
Shiue Sham-Tsong *see* Sham-Tsong Shiue
Shiuh-Luen Wang *see* Abramo, A. 81195
Shiuh-Pyng Shieh, Hung-Min Sun On constructing secret sharing schemes 64293
Shiuh-Ren Yih *see* Wen-Chau Liu 55874
Shiuh-Wuu Lee A capacitance-based method for experimental determination of metallurgical

channel length of submicron LDD MOSFETs 50004
Shiunn-Jang Chern, Chih-Yuan Sung The performance of hybrid adaptive beamforming algorithm for jammers suppression 94858
Shiunn-Jang Chern, Shyh-Neng Lin High-order cumulant methods for time-delay estimation with direct computation formula 95411
Shivakumar, N. *see* Cong, J. 91809
Shivakumara Aradhya, R.S., Gururaj, B.I., Ramamoorty, M. Study of effect of internal temperature on the drying process of pollutant on the surge arrester housing under solid-layer and salt-fog test conditions 53816
Shivanandan, K. *see* Hoffmann, W.F. 66422
Shivarova, A., Tanev, S. Effective area of the LP_{01} mode in non-linear optical fibres 82595
Shivarova, A. *see* Ghanashev, I. 94849
Shive, L.W. *see* Pirooz, S. 62949
Shively, C. Satellite criticality concepts for unavailability and unreliability of GNSS satellite navigation 52660
Shively, C. *see* Braff, R. 65954
Shively, D. Scattering from perfectly conducting and resistive strips on a grounded dielectric slab 57100
Shiwa, M. *see* Ohara, Y. 61442
Shiwa, S., Kuriki, M., Ichinose, S. Eye contact technologies for videophone and teleconference 75769
Shiwaku, H. *see* Oku, Y. 67509
Shiwei Deng *see* Deng Shiwei
Shiwen Han *see* Han Shiwen
Shixiang Liu *see* Yaoming Wang 90605
Shixin Cheng *see* Sheikh, A. 52336
Shixin Zhou *see* Zhou Shixin
Shixun Ye *see* Ye Shixun
Shiyan Ren, Hengchun Ding, Mingming Li Analysis and calculation of magnetic shielding effectiveness for comparators 86962
Shiyan Ren, Hengchun Ding, Shengneng She A low-current precision DC, AC and DC/AC clamp-on measurement sensor 87102
Shiyan Xu *see* Xu Shiyan
Shiyi Mao *see* Hongyan Sun 84545
Shiyi Mao *see* Wei Yu 86567
Shiyi Mao *see* Mao Shiyi
Shiying Gong *see* Gong Shiying
Shiying Wang *see* Wang Shiying
Shiying Wu *see* Wu Shiying
Shiyong Liu *see* Liu Shiyong
Shiyong Zhang *see* Zhang Shiyong
Shiyou Fu *see* Fu Shiyou
Shiyou Yang *see* Yang Shiyou
Shiyuan Chen *see* Chen Shiyuan
Shiyuan Yang *see* Zhiyu Tian 61045
Shizawa, M., Iso, T. Direct representation and detecting of multi-scale, multi-orientation fields using local differentiation filters 96027
Shize Guo *see* Guo Shize
Shizgal, B. *see* Yang, H.H. 79676
Shizhang Xu *see* Xu Shizhang
Shizhe Li, Yang, Q.X., Smith, M.B. RF coil optimization: evaluation of B_1 field homogeneity using field histograms and finite element calculations 98794
Shizhi Li *see* Li Shizhi
Shizhong Xie *see* Shouhua Huang 65751
Shizhong Ye *see* Wei Jiang 55692
Shizhuo Yin *see* Chii-Maw Uang 50445
Shizhuo Yin *see* Yu, F.T.S. 87236
Shizuma, T. *see* Sugimitsu, T. 67251
Shizuno, H. *see* Okino, Y. 93722
Shkaratan, O.I., Galchin, A.V. Human resources, the military-industrial complex and the possibilities for technological innovation in Russia 69470
Shkerdin, G.N. *see* Kotov, V.M. 50616
Shkitin, V.A., Archontov, L.B., Kiselev, B.S., Mikaelian, A.L., Novoselov, B.A. High-speed one-dimensional spatial light modulators 50587
Shklovsky, I.G. *see* Ilyina, N.A. 90262
Shklovsky, I.G. *see* Shemerov, G.G. 80963
Shkolnikov, P.L., Kaplan, A.E., Lago, A. Phase-matching optima for high-order multiwave mixing and harmonic generation beyond perturbation limit 83311
Shkolny, E.I. Variance of statistical parameter estimates of a semiMarkov process with a finite state space 83897
Shkrob, A.P. *see* Borisov, R.I. 59840
Shkumbatyuk, P.S. *see* Pyutsyura, D.I. 50666
Shkunov, V.V. *see* Lyubomudrov, O.V. 83254
Shkvarko, Y.V. *see* Kostenko, Y.T. 74238
Shkvarunets, A.G., Rukhadze, A.A., Strelkov, P.S. Wide-band relativistic plasma microwave oscillator 81147
Shladover, S.E. The California PATH Program: a state approach to IVHS research 78956
Shlager, K.L., Smith, G.S. Near-field to near-field transformation for use with FDTD method and its application to pulsed antenna problems 73483
Shlager, K.L., Smith, G.S., Maloney, J.G. Optimization of bow-tie antennas for pulse radiation 73493
Shleifer, M., Dilmanian, F.A., Staicu, F.A., Woodle, M.H. Mechanical design of a high-resolution tunable crystal monochromator for the Multiple Energy Computed Tomography project 88380
Shlionskiy, A.G. *see* Alebastrov, V.A. 64148
Shlopak, N.V., Ulyashin, A.G., Bumai, Yu.A. Hydrogen effects on the electrical properties of electron-irradiated n-type Si epilayers 49768
Shlyagin, M., Khomenko, A., Tentori, D. Remote measurement of mode-coupling coefficients in birefringent fiber 63388
Shlyaptsev, V. *see* Rocca, J.J. 94330
Shlyaptsev, V.N., Gerusov, A.V., Vinogradov, A.V., Rocca, J.J., Cortazar, O.D., Tomasel, F., Szapiro, B. Modeling of fast capillary discharge for collisionally excited soft X-ray lasers; comparison with experiments 50739
Shlyaptsev, V.N., Nickles, P.V., Schlegel, T., Kalashnikov, M.P., Osterheld, A.L. Table-top X-ray laser pumped with subnanosecond and picosecond pulses 50719
Shmakov, E.M., Matveev, V.A., Molotkov, S.V. Artificial intelligence technology in sensors simulation 75924
Shmakov, E.M., Zegzhda, P.D., Molotkov, S.V. Sensors design support system 75940
Shmakov, K. *see* Arrington, K. 88112
Shmakov, K. *see* Arrington, K. 98564
Shmakov, K. *see* Brown, D. 59084
Shmakov, K. *see* Young, K.G. 76765
Shmakov, Yu. *see* Kuznecov, G. 64407
Shmalenyuk, A.S. *see* Tishchenko, J.G. 77512
Shmalhausen, V.I. *see* Koryabin, A.V. 72993
Shmalhausen, V.I. *see* Rakhmanov, A.N. 72294
Shmal'ko, Yu.F., Lototsky, M.V., Solovey, V.V., Yartys', V.A., Strokach, A.P. Application of metal hydrides in hydrogen ion sources 76742
Shmat'ko, A.A. *see* Odarenko, E.N. 81142
Shmatov, G.A. *see* Bolotnikov, A.E. 67415
Shmayda, W.T. *see* Kherani, N.P. 79002
Shmelev, A.G. *see* Voronov, V.N. 99836
Shmelev, A.G. *see* Voronov, V.N. 99843
Shmigol, I.N., Nekrasov, B.V. Pilot sulfur-trapping plants 89563
Shmukler, B.I. *see* Kadnikov, B.L. 99939
Shmurun, A. *see* Holler, M. 74344
Shneerson, G.A. Calculation of the current distribution along the surface of perfectly conducting plane sheets 51043
Shneiberg, Ya.A. The creator of polyphase systems and microwave technology 78567
Shneider, V.B. *see* Azarkevich, E.I. 55506
Shnitkin, H. Joint STARS phased array radar antenna 83874
Shnitkin, H. Joint STARS phased array radar antenna 86586
Shnitnikov, A.S. *see* Lebedev, I.V. 61911
Shnyrev, A.D. *see* Dmitriev, E.I. 98101
Shnyrkov, V.I. *see* Spitsyn, A.I. 100884
Shnyurer-Pachan, K. *see* Groll', Kh. 73195
Shoaee, H. *see* Himel, T. 76560
Shoaee, H. *see* Sass, R.C. 76354
Shoaff, P.J., Jr. *see* Hascicek, Y.S. 82448
Shoari, S., Kavianpour, A., Bagherzadeh, N. Pyramid simulation of image processing applications 84606
Shoari, S. *see* Kavianpour, A. 96102
Shocket, A. *see* Thornley, D. 89330
Shoemaker, R.L. *see* Rogulski, M.M. 59292
Shoesmith, J.P., Collins, R.D., Oakley, M.J., Stevenson, D.K. Status of solid polymer fuel cell system development 60448
Shoffstall, D. *see* Dowell, D. 76384
Shofti, R. *see* Manor, D. 88353
Shoga, M., Gorelick, J., Rau, R., Koga, R., Martinez, A. Observation of single event latchup in bipolar devices 70694
Shoh-Dohji, T., Kutsuwada, N., Okada, N., Chun-Wei Lin An evaluation and image formation of toner jumping method for non-impact printing 69285
Shoham, Y. High-quality speech coding at 2.4 to 4.0 kbit/s based on time-frequency interpolation 73872
Shoham, Y. *see* Gottesman, O. 75125
Shohdohji, T., Kutsuwada, N., Lin, C.-W. An evaluation and image formation of Toner Jet method for non-impact printing. 2 64102
Shohet, J.L., Wickesberg, E.B., Kushner, M.J. Computer simulation of mass-selective plasma-source ion implantation 93138
Shohet, J.L. *see* Zhang, L. 71311
Shoiya, H., Nagaoka, H., Da-Te, T. A new inequality and maximum of f-divergence and its application to learning problem 64251
Shoji, A., Kiryu, S., Kohjiro, S. Fabrication and characterization of Josephson tunnel junctions with epitaxially grown NbC_xN_{1-x} films as electrodes 63314
Shoji, A. *see* Fujita, K. 61940
Shoji, H., Uchida, T., Kusunoki, T., Matsuda, M., Kurakake, H., Yamazaki, S., Nakajima, K., Ishikawa, H. Fabrication of $In_{0.25}Ga_{0.75}As/InGaAsP$ strained SQW lasers on $In_{0.05}Ga_{0.95}As$ ternary substrate 94504
Shoji, H. *see* Shimatsu, T. 72043
Shoji, H. *see* Takahashi, M. 48969
Shoji, K., Uehara, Y. Preparation and properties of ceramics prepared from $Bi_4Ti_3O_{12}$ amorphous material 91645
Shoji, K. *see* Fukami, A. 71833
Shoji, M. Developers improve signal relay structures for performance gains 55456
Shoji, M. *see* Katori, K. 72135
Shoji, R. *see* Hase, H. 66296
Shoji, S. *see* Cabuz, C. 66338
Shoji, S. *see* Henmi, H. 60973
Shoji, S. *see* Kohsaka, N. 67425
Shoji, S. *see* Nishimoto, T. 66280
Shoji, T., Ohba, K., Onabe, H., Suehiro, T., Hiratate, Y. Properties of CdTe(Cl) crystal used for radiation detector 88268
Shoji, T., Ohba, K., Suehiro, T., Hiratate, Y. Characterization of radiation detector using the PbI_2 crystal by response properties of α-rays 98562
Shoji, T. *see* Nakajima, K. 76627
Shoji, Y., Gardner, C. Harmonic analysis of the AGS Booster imperfection 98411
Shoji, Y. *see* Henmi, H. 60973
Shoji, Y. *see* Reece, R.K. 87835
Shoji, Y. *see* Shibata, S. 98487
Shoji, Y. *see* Shirakata, M. 98412
Shoki, H., Morooka, T., Kawabata, K. A rapid analysis method on subreflector radiation fields by GTD 83815
Shoki, T. *see* Okuyama, H. 81595
Shokin, N. *see* Balychenko, A.A. 69978
Shokoohi, F.K. *see* Jones, S.D. 90365
Shokrani, M., Kapoor, V.J. InGaAs microwave switch transistors for phase shifter circuits 61953
Sholl, H. *see* Rosiene, J. 58984
Shon Nguyen Hong *see* Nguyen Hong Shon
Shono, K., Cong-Kha Pham Design and performance of CMOS analog fuzzy chips 70787
Shono, K., Ozaki, T., Hisaoka, Y., Iwami, T., Murakami, H., Arakawa, K. Electron and ion-beam processing machines 54272
Shono, K. *see* Akiyama, T. 60272
Shono, K. *see* Akiyama, T. 68664
Shono, K. *see* Satoh, J. 61683
Shook, D.A. *see* Jancauskas, J.R. 89761
Shook, D.A. *see* Jancauskas, J.R. 99858
Shook, G. Implementing TAB technology into high volume production 91068
Shooman, M.L., Sforza, P.M. Reliability-driven design of nuclear-powered spacecraft 59526
Shooman, M.L. *see* Murray, K. 58004
Shor, A. *see* Davis, R. 99144
Shor, J.S., Bemis, L., Kurtz, A.D. Characterization of monolithic n-type 6H-SiC piezoresistive sensing elements 58732
Shor, M.E. *see* Andreev, Yu.M. 69153
Shore, K.A., Wright, D.T. Improved synchronisation algorithm for chaotic communications systems 74631
Shore, K.A. *see* Hernandez-Garcia, E. 63768
Shore, K.A. *see* Langley, L.N. 50842
Shore, K.A. *see* Wong, Y.C.A. 63840
Shore, K.A. *see* Yee, W.M. 63819
Shore, K.A. *see* Yee, W.M. 72852
Shore, S.G. *see* Zhou, L. 48970
Shorin, M.V. *see* Garyainov, S.A. 93885
Shorrocks, N., Patel, A., Whatmore, R. Pyroelectric properties of thin film lead scandium tantalate 63126
Shorrocks, N.M. *see* Tossell, D.A. 50131
Shorrocks, N.W. *see* Whatmore, R.W. 58761
Short, A.D.T. *see* Holland, A.D. 67419
Short, B., Reilly, D. Switching from tin/lead to copper finishes 92714
Short, C. *see* Gutfleisch, O. 72018
Short, D. *see* Satake, M. 77368
Short, M.J. *see* Knight, U.G. 60014
Short, R.T. *see* Moon, T.K. 85265
Short, S.W., Luo, H., Xin, S., Yin, A., Pareek, A., Dobrowolska, M., Furdyna, J.K. Migration enhanced epitaxy and optical properties of ZnSe/CdSe digital alloy quantum wells 54855
Short, S.W. *see* Luo, H. 54854
Short, T.A. *see* Barker, P.P. 68330
Shorthouse, G., Berzins, A., Smythe, J. Advanced thick film materials for multi-chip modules: processing and performance 92821
Shostak, V. *see* Janischewskyj, W. 53817
Shotkin, S. *see* Chen, M. 67340
Shott, J. *see* Burr, J.B. 92122
Shou-Bao Zou *see* Zou Shou-Bao
Shou-Bin Liu *see* Liu Shou-Bin
Shou-Kong Fan *see* Ikalainen, P.K. 92528
Shou-Kuo Shao *see* Ming-Seng Kao 97346
Shou-Lui Wang *see* Wang Shou-Lui
Shou-Tian Li *see* Xiao Tong 81230
Shou-Zen Chang, Si-Chen Lee The dislocation generation mechanism of $In_xGa_{1-x}As$ epilayers ($0.32 \leqslant 2 \leqslant 1$) grown on InP substrates by molecular-beam epitaxy 54903
Shoude Chang, Arsenault, H.H., Dahe Liu Invariant optical pattern recognition based on a contour bank 57667
Shoufu Li B-convergence properties of multistep Runge-Kutta methods 48875
Shouhong Lai *see* Lai Shouhong
Shouhua Huang, Shizhong Xie, Bingkun Zhou, Yizhi Gao Crosstalk of WDM optical communication systems using Fabry-Perot demodulators 65751
Shouhuan Zhou *see* Zhou Shouhuan
Shouji, A. *see* Fujita, K. 61943
Shouji, M. *see* Katakura, K. 65227

Shoujue Wang *see* Wang Shoujue
Shoukang Qiu *see* Qiu Shoukang
Shouno, H., Fukushima, K. Connected character recognition in cursive handwriting using attention model with bend processing 74246
Shoup, A. *see* Antilogus, P. 59064
Shoup, A. *see* Antilogus, P. 59127
Shoup, V. Fast construction of irreducible polynomials over finite fields 79669
Shouping Guan *see* Guan Shouping
Shouqian Ding *see* Ding Shouqian
Shouse, K.R., Taylor, D.G. Discrete-time observers for singularly perturbed continuous-time systems. II. Nonautonomous systems 60196
Shouse, K.R., Taylor, D.G. A digital self-tuning tracking controller for permanent-magnet synchronous motors 89872
Shoushan Mu *see* Mu Shoushan
Shousun Chen *see* Youjie Ma 99513
Shousun Chen *see* Chen Shousun
Shousun Cheng *see* Cheng Shousun
Shouyi Xu *see* Xu Shouyi
Shouyong Zhu *see* Zhu Shouyong
Shouyuan Wu *see* Wu Shouyuan
Shouzeng Zhou *see* Jifan Hu 72000
Shouzhen Zhu *see* Zhu Shouzhen
Shouzheng Zhu *see* Yilong Lu 83446
Shouzheng Zhu *see* Zhu Shouzheng
Show-Gwo Hsu, Ruey-Beei Wu Full wave characterization of a through hole via using the matrix-penciled moment method 73413
Showalter, A.B. Employment assistance for IEEE members 54300
Shoya, K. *see* Nishi, T. 85668
Shoyama, M. *see* Zaitsu, T. 100296
Shozakai, M. *see* Kuroiwa, S. 52280
Shozakai, M. *see* Yato, F. 51380
Shpak, A. *see* Androsov, V. 76390
Shpak, A. *see* Bar'yakhtar, V. 67407
Shpak, D. *see* Bhattacharya, D. 96888
Shpak, L.A. *see* Bokov, A.A. 49685
Shpak, L.A. *see* Goltzow, Yu.I. 80880
Shpak, V.D. *see* Nakonechnyi, A.N. 79556
Shpak, V.G. *see* Gabanov, V.P. 90182
Shpenik, Yu.O. *see* Kel'man, V.A. 63641
Shpigler, L.A. Electric drives incorporating a pulsed power source of stepdown type 78863
Shpil'rain, E.E., Koshkin, N.L., Popel, O.S. Nontraditional energy in the scientific and technical program of the Russian Federation 'Ecologically Friendly Energy' 99818
Shpitser, V.Ya. *see* Bylkin, B.K. 89542
Shpolyanskii, Yu.B. *see* Istorik, B.L. 78493
Shpuga, S.M. *see* Ilichev, N.N. 82964
Shrader, M.B., Preist, D.H., Tornoe, R.N. The 267 MHz high power CW Klystrode amplifier 55510
Shrader, M.B., Preist, D.H., Tornoe, R.N. High power CW Klystrode amplifier for 267 MHz 67155
Shraiberg, Y.L., Goncharov, M.V. LIBNET—project of the major Russian libraries network 96668
Shramenko, S.G. *see* Gulevskii, S.I. 69083
Shrauger, V.E., Erwin, L.L., Ahn, J.L., Warde, C. Computer-generated multiple-phase-level holograms by use of color-printer techniques 83356
Shrestha, G., Lie, T.T. Qualitative use of forecast variables in hybrid load forecasting techniques 59877
Shrestha, G.B. *see* Lie, T.T. 59810
Shrestha, R.M., Bhattarai, G.B. Utility planning implications of electricity loss reduction in developing countries. The case of Nepal 78025
Shrestha, S. *see* Defourny, P. 67890
Shrestha, S.K. *see* Chakrabarti, P. 50682
Shreve, K.P. *see* Rand, J.A. 100640
Shridhar, A. *see* Baji, T. 70655
Shridhar, L., Singh, B., Jha, C.S., Singh, B.P. Analysis of self excited induction generator feeding induction motor 78617
Shrikhande, N. *see* Cao, X. 84598
Shrimali, G., Parhi, K.K. High-speed arithmetic coder/decoder architectures 75118
Shrimpton, D.H. *see* Chia, L.T. 52241
Shrivastava, A.B. *see* Blache, K.M. 54442
Shrivastava, M.C. *see* Pathak, N. 94992
Shrivastava, R. *see* Helm, M. 71799
Shrivastava, S.C. *see* Srivastava, K.N. 59692
Shrivastava, Y., Dasgupta, S., Reddy, S.M. Nonpositive Hopfield networks in error correcting coding applications 57377
Shriver-Lake, L.C. *see* Anderson, G.P. 67513
Shrock, S.A. The media influence debate: read the fine print, but don't lose sight of the big picture 69430
Shrom, M.Yu. *see* Kozlov, A.A. 98642
Shrout, T.R., Swartz, S.L. Processing of ferroelectric and related materials: a review 50135
Shtaif, M., Horowitz, M., Nagar, R., Eisenstein, G. An optically triggered oscillator based on wave coupling in a semiconductor optical amplifier 83306
Shtan'ko, A.E. *see* Vlasov, N.G. 94672
Shtarkman, E. *see* Pinkos, A. 90609
Shteinfer, E.G. *see* Dubovoi, V.G. 100390
Shteinfer, Y.G. *see* Dubovoi, V.G. 77919
Shtengel, G.E. *see* Gorfinkel, V.B. 94490
Shtennikov, Yu.V. *see* Kirillov, V.V. 57110
Shtepa, E.P. *see* Boyar-Sozonovich, S.P. 89835
Shter, G.E. *see* Meerovich, V. 63331
Shtern, F. *see* Pisano, E.D. 59280
Shternberg, A. *see* Burkhanov, A.I. 93743
Shternberg, V.Ya. *see* Batenin, V.M. 89703
Shtophich, S.V. *see* Belkin, B.E. 97265
Shtrikman, H. *see* Buks, E. 71146
Shtub, A., Simon, M. Determination of reorder points for spare parts in a two-echelon inventory system: the case of nonidentical maintenance facilities 54424
Shu, C., Choy, H.S., She, T.C. Optical control of polarity in short electrical pulses generated from coplanar waveguide metal-semiconductor-metal photodetectors 75976
Shu, C. *see* She, T.C. 72509
Shu, D., Collins, J.T., Barraza, J., Kuzay, T.M. The Advanced Photon Source X-ray transmitting beam-position-monitor tests at the National Synchrotron Light Source X-25 beamline 87751
Shu, D., Kuzay, T.M. General layout design for the Advanced Photon Source beamline front ends 87753
Shu, D. *see* Barraza, J. 87754
Shu, D. *see* Nian, H.L.T. 87765
Shu, E. *see* Sawasa, H. 80547
Shu, J., Wei, J., Basset, R., Yun Chung, Chang Hua, Meng, C., Chye, P., Hall, J., Ding Day C-band high performance IMFETs and Super-IMFETs using MESFET and PHEMT technology for SATCOM applications 92523
Shu, J.S. *see* Garza, C.M. 71509
Shu, J.S. *see* Krisa, W.L. 71508
Shu, L. Class number formulas over global function fields 79582
Shu, Q. *see* Rand, S.C. 56652
Shu, Q.S., Chou, W., Clark, D., Clay, W., Goren, Y., Kersevan, R., Kovachev, V., Kraushaar, P., Leung, K., Maddocks, J., Martin, D., Meyer, D., Mihelic, R., Morales, G., Simmons, J., Snitchler, G., Tuli, M., Turner, W., Walling, L., Yu, K., Zbasnik, J. Overview of an 80 K liner design for synchrotron light interception in SSCL collider 87932
Shu, Q.S. *see* Kirchgessner, J. 67105
Shu, Q.S. *see* Leung, K.K. 76662
Shu, W.K. *see* Groover, R. 81113
Shu Chi *see* Chi Shu
Shu Chi-Wang *see* Chi-Wang Shu
Shu Chiao-Fe *see* Chiao-Fe Shu
Shu David, Zhou Ya-Xun Synthetic measuring deviation of the cantilever coordinate measuring machine 58971
Shu Deming *see* Deming Shu
Shu DongMei *see* Lin MaoLui 97774
Shu Gao *see* Gao Shu
Shu Han *see* Han Shu
Shu Huaying, Jin Zhongqi, Song Limei, Wang Yan Congestion control for ATM system with an input buffer 85257
Shu Juping, Gu Donghong, Chen Qiying, Tang Xiaodong, Gan Fuxi Structure and optical storage properties of phthalocyanine compound films 72295
Shu Juping *see* Gu Donghong 50449
Shu Juping *see* Juping Shu
Shu Lin, Rajpal, S., Do Jun Rhee Low-complexity and high-performance multilevel coded modulation for the AWGN and Rayleigh fading channels 73615
Shu Lin *see* Jiantin Wu 51358
Shu Lin *see* Rajpal, S. 73682
Shu Lu *see* Lu Shu
Shu Mercer, B. *see* Yang, L.W. 55930
Shu Ming *see* Ming Shu
Shu Qin, Chung Chan Plasma immersion ion implantation doping experiments for microelectronics 62393
Shu Tzi-Hsiung *see* Tzi-Hsiung Shu
Shu Wen *see* Wen Shu
Shu Xiaojian *see* Xiaojian Shu
Shu Yuwen *see* Zhang Xiaolin 74470
Shu Zhang *see* Shunping Xiao 86529
Shu Zhang *see* Zhang Shu
Shu Zhiqin *see* Zhiqin Shu
Shu-Chuan Huang, Ismail, M. Design and applications of a CMOS analog multiplier cell using the differential difference amplifier 92427
Shu-Guang Dai *see* Dai Shu-Guang
Shu-Guang Deng *see* Deng Shu-Guang
Shu-Min Chiang *see* Yung-Tsan Lin 57686
Shu-Min Wang *see* Bei Zhang 72887
Shu-Ta Hsieh *see* Wen-Fa Wu 61377
Shu-Xin Zhou *see* Jian-Cheng Zhang 76104
Shu-Yi Zhang *see* Yao-Chun Shen 91655
Shu-Yuan Chin, Chung-Yu Wu A 10-b 125-MHz CMOS digital-to-analog converter (DAC) with threshold-voltage compensated current sources 92331
Shu-Yuan Yang *see* Guan-Wu Wang 86304
Shu-Yuen Hwang *see* Chen-Huei Chang 64788
Shuai Zhiming, Feng Haixian, Li Xuetai Experimental investigation on scaling in spirally indented tubes 53917
Shuang-Qing Yuan *see* Yuan Shuang-Qing
Shuang-Suo Zhao *see* Zhao Shuang-Suo
Shub, Y., Kushnir, A., Frenkel, J. Pilot evaluation system 88651
Shubenkova, I.A. *see* Shchepakin, M.B. 48812
Shubik, J. *see* Lugo, J.P. 59706
Shubik, J. *see* Ratasky, G.J. 69291
Shubin, B.G. *see* Vazhov, V.F. 83225
Shubnikov, E.I. Adaptive neural network for pattern recognition 74553
Shubnikov, E.I. The phase space structure of neural networks for pattern recognition 74554
Shubnikow, E.I. *see* Pavlov, A.V. 51679
Shubnikow, E.I. *see* Pavlov, A.V. 72510
Shubochkin, R. *see* Basiev, T. 72772
Shubochkin, R.L. *see* Andreev, A.T. 56353
Shucheng Ran *see* Ran Shucheng
Shuchman, R., Johannessen, J., Rufenach, C., Davidson, K., Wackerman, C. Determination of wind speed, wind direction and atmospheric structure using ERS-1 SAR data during NORCSEX'91 77349
Shuchman, R.A., Johannessen, O., Sandven, S., Ericson, E.A., Pettersson, L., Kloster, K., Wackerman, C.C., Onstott, R.G. Marginal ice zone signatures observed by the ERS-1 SAR during SIZEX '92 77432
Shuchman, R.A., Rufenach, C.L., Johannessen, O. The extraction of marginal-ice-zone thickness using gravity wave imagery 67879
Shuchman, R.A. *see* Onstott, R.G. 77430
Shuchman, R.A. *see* Rufenach, C.L. 67880
Shuchman, R.A. *see* Rufenach, C.L. 88803
Shuchun Yang *see* Xiaoliang Ma 90690
Shude Liu *see* Liu Shude
Shudong Liu *see* Liu Shudong
Shueh-Sheng Lin *see* Lin-Shan Lee 95300
Shuenn An Tsaur *see* Kou Tan Wu 97001
Shuenn-An Tsaur *see* Kou-Tan Wu 75320
Shuenn-Shyang Wang *see* Wen-Gou Lin 95844
Shufang Zhao *see* Zhao Shufang
Shufelt, J.A., Berliner, H.J. Generating Hamiltonian circuits without backtracking from errors 69694
Shufen Ma *see* Ma Shufen
Shug-June Hwang *see* Huey-Min Wang 56392
Shugailo, Yu.B. *see* Mandel', V.E. 94678
Shugang Wei, Seki, N. Design of compressor/limiter on a digital signal processor 66081
Shugar, D.S. *see* Travers, D.L. 100009
Shugard, D.D. *see* Bergland, G.D. 52615
Shugars, H.G. *see* Miller, J.F. 67295
Shuh-Haw Sheen *see* Haul-Te Chien 49034
Shuhong Gao, Mullen, G.L. Dickson polynomials and irreducible polynomials over finite fields 91351
Shuhong Gao *see* Blake, I.F. 69799
Shuhui Lou *see* Lou Shuhui
Shui, Y.A. *see* Zhang, D. 93850
shui Han *see* Han shui
Shui Jinn Wang, San Lein Wu, Fang Yuh Yeh, Ching Yuan Cheng Schottky/two-dimensional hole gas silicon barrier diodes with single and coupled delta-doped wells 62650
Shui Jinn Wang *see* San Lein Wu 93490
Shui Yongqin *see* Sun Biehe 53217
Shui-Kung Chuag *see* Long-Wen Chang 57860
Shui-Nee Chow, Van Vleck, E.S. A shadowing lemma approach to global error analysis for initial value ODEs 69870
Shuicai Wang *see* Jianming Tang 72769
Shuicai Wang *see* Yingbin Zhai 83284
Shuicai Wang *see* Wang Shuicai
Shuilong Guan *see* Guan Shuilong
Shuiming Zhang *see* Zhang Shuiming
Shuit, D. Real time measurement of fly ash resistivity and automatic adjustment of rapper controls and gas conditioning for electrostatic precipitators using conventional transformer/rectifier set data 89598
Shuji Tsukiyama *see* Yu-Liang Wu 49268
Shujie Lin *see* Lin Shujie
Shujun Xiao, Vahldieck, R. Full-wave characterization of cylindrical layered multiconductor transmission lines using the MoL 80777
Shukla, A., Cannon, P.S. Prediction model updating using the Rose-200 oblique ionospheric sounder at mid and higher latitudes 97021
Shukla, A. *see* Chonghua Zhou 52927
Shukla, A.K., Cannon, P.S. Seasonal variation of diversity gain in a broadcast meteor scatter communications system 75382
Shukla, A.K. *see* Arico, A.S. 68939
Shukla, A.K. *see* Arico, A.S. 68993
Shukla, M. *see* Rai, V.N. 61600
Shukla, M.M. *see* Sil, A. 81125
Shukri, Z.A., Champness, C.H. High j_{sc} values on a single crystal $CuInSe_2/CdS/CdO$ cell 100664
Shukuri, S., Kure, T., Kobayashi, T., Gotoh, Y., Nishida, T. A semi-static complementary gain cell technology for sub-1 V supply DRAM's 61713
Shukuri, S., Kure, T., Kume, H., Nishida, T. Super-low-voltage operation of a semi-static complementary gain DRAM memory cell 70502
Shukuri, S., Kure, T., Nishida, T. A complementary gain cell technology for sub-1 V supply DRAMs 61739
Shukuri, S. *see* Nagano, T. 63036
Shukuri, S. *see* Scheckler, E.W. 49926
Shukuri, S. *see* Scheckler, E.W. 71541
Shul, R.J., Lovejoy, M.L., Hetherington, D.L., Rieger, D.J., Vawter, G.A., Klem, J.F., Melloch, M.R. Investigation of plasma etch induced damage in compound semiconductor devices 93215

Shul, R.J., Schneider, R.P., Jr., Constantine, C. Anisotropic electron cyclotron resonance etching of GaInP/AlGaInP heterostructures 55778
Shul, R.J. *see* Blum, O. 94193
Shul, R.J. *see* Sherwin, M.E. 71710
Shul, R.J. *see* Sherwin, M.E. 81953
Shul, R.J. *see* Zolper, J.C. 71727
Shulaev, V.M. *see* Aksenov, I.I. 70096
Shul'bakh, V.A. *see* Biryulin, Yu.F. 81129
Shulekin, A.F. *see* Al'vares, Kh.K. 49829
Shuler, L. *see* Barnett, M. 58041
Shuley, N.V. *see* Prescott, D.T. 73470
Shuley, N.V. *see* Prescott, D.T. 91400
Shuley, N.V. *see* Waterhouse, R.B. 94995
Shul'ga, A.A., Soldatkin, A.P., El'skaya, A.V., Dzyadevich, S.V., Patskovsky, S.V., Strikha, V.I. Thin-film conductometric biosensors for glucose and urea determination 87310
Shul'ga, A.A. *see* Nyamsi Hendji, A.M. 98139
Shulga, V.M. *see* Karpov, O.V. 86915
Shulga, V.M. *see* Karpov, O.V. 86958
Shul'gin, B.V. *see* Kozlov, A.A. 98642
Shuli Lou *see* Lou Shuli
Shulian Zhang, Kelan Li, Guofan Jin Birefringence cavity dual-frequency lasers and relative mode splitting 72956
Shuliang Zhou *see* Lie Xu 98340
Shulin Gu, Youdou Zheng, Rong Zhang, Ronghua Wang, Peixin Zhong Ge composition and temperature dependence of the deposition of SiGe layers 61363
Shulin Zhang *see* Zhang Shulin
Shuling Han *see* Han Shuling
Shulman, D.D. A static memory cell based on the negative resistance of the gate terminal of p-n-p-n devices 61710
Shulman, S.G. *see* Maksimov, A.Yu. 48995
Shult, E.E., Thas, J.A. *m*-systems of polar spaces 91283
Shults, E.N. *see* McKinney, W.R. 88281
Shults, M.C., Rhodes, R.K., Updike, S.J., Gilligan, B.J., Reining, W.N. A telemetry-instrumentation system for monitoring multiple subcutaneously implanted glucose sensors 88471
Shultz, J. *see* Candell, L. 98276
Shultz, R. *see* Muslu, M. 78372
Shultz, R. *see* Trine, J. 79158
Shultz, R.D., Muslu, M., Smith, R.D. A new method in calculating line sensitivities for power system equivalencing 89006
Shulyat'ev, V.B. *see* Ivanchenko, A.I. 82898
Shulyupin, A.N. Measurement of flowrate and enthalpy in steam-water wells with diaphragms on operating geothermal power stations 99966
Shul'zhenko, N.G., Biletchenko, V.P. The influence of the elastoinertial properties of the stator elements of the turbine on the vibrational characteristics of the foundation 100057
Shum, K. *see* Sutkus, K. 50834
Shum, K.H. *see* Li, S.-Y.R. 85868
Shum, P. *see* Ghafouri-Shiraz, H. 91865
Shum, S.M., Luk, K.M. Analysis of aperture coupled rectangular dielectric resonator antenna 94954
Shum Heung-Yeung *see* Heung-Yeung Shum
Shumaev, V.V. *see* Erukhimov, L.M. 73357
Shumaker, L.M. *see* Byerley, L.G., III 60011
Shumate, P.W., Jr. *see* Burpee, D.S. 52576
Shumayev, V.V. *see* Boguta, N.M. 58280
Shumeljuk, A.N. *see* Odoulov, S.G. 82516
Shumikov, Yu.P., Bakut, P.A., Shcheglov, N.V. Using unequally spaced photodetector matrices in wide-angle optical detection systems 52839
Shumin Shen *see* Xiaoliang Ma 90690
Shumin Wang *see* Wang Shumin
Shuming Chen, Yongjiie Sun, Xingjiong Peng, Fujie Chen REBD-WP: a routing environment of balanced delay for wave pipelining design 80975
Shuming Gu *see* Gu Shuming
Shuming Nie *see* Zuclich, J.A. 67464
Shuming Pan *see* Pan Shuming
Shun Lee, Chun-Chang Liu An output feedback static VAr controller for the damping of generator oscillations 54008
Shun Lee, Chun-Chang Liu Damping subsynchronous resonance using a SIMO shunt reactor controller 88989
Shun Lien Chuang *see* Ahn, D. 63770
Shun Lien Chuang *see* Calero, J. 76056
Shun Wu *see* Uritsky, Y. 93231
Shun Yan Cheung, Kumar, A. Efficient quorumcast routing algorithms 65091
Shun Yan Cheung, Sunderam, V.S. Performance of barrier synchronization methods in a multiaccess network 65307
Shun-Hsyung Chang, Chen-June Huang Adaptive beam-forming based on parallel spatial processing 73968
Shun-Ichi Kobayashi *see* Katsumoto, S. 71186
Shun-Jee Liu *see* Tsern-Huei Lee 64977
Shun-Jee Liu *see* Tsern-Huei Lee 74653
Shun-Lin Su, Barry, C.H., Chi-Yuan Lo A space-efficient short-finding algorithm [VLSI layouts] 82008
Shun-Lung Chen *see* Tsair Kao 77020
Shun-Shi Zhong, Gang Liu, Ghulam Qasim Closed form expressions for resonant frequency of rectangular patch antennas with multidielectric layers 94965
Shun-Tang Wu *see* Chui, C.K. 69819
Shunailov, S.A. *see* Gabanov, V.P. 90182
Shunchang Yang *see* Yang Shunchang
Shung, C.B. *see* Thapar, H.K. 50333
Shung, K.K. *see* Pi Hsien Chang 98773
Shung-Chih Chen *see* Jer Min Jou 92170
Shunji Huang *see* Huang Shunji
Shunk, S.C. *see* Feuer, M.D. 66672
Shunkang, L. A fast computational technique for RF window in millimeter wave tubes 62107
Shunkang Liu *see* Liu Shunkang
Shunmao Zhang *see* Yunfeng 82019
Shunping Xiao, Guirong Guo, Zhaowen Zhuang, Mingya Luo Radar target modeling and recognition based on scattering centers 86559
Shunping Xiao, Shu Zhang, Zhaowen Zhuang Radar target recognition based on polarization features 86529
Shuo-Hsien Hsiao, Chen, C.Y.R. Performance analysis of single-buffered multistage interconnection networks 96125
Shuo-Jye Wu *see* Liang-Yuh Ouyang 69643
Shuozhong Li *see* Li Shuozhong
Shuping Ran *see* Xiaoyuan Zhu 95346
Shuping Zhang *see* Zhang Shuping
Shuqiang Zhang, Fulford, C.P. Are interaction time and psychological interactivity the same thing in the distance learning television classroom? 75770
Shuqiang Zong *see* Scheidt, L. 79281
Shuqing Jing *see* Jing Shuqing
Shuqing Qi *see* Qi Shuqing
Shuqing Zhan *see* Zhan Shuqing
Shuqun Zhang, Caisheng Chen Optical fuzzy logic processing systems: architectures and applications 72507
Shuqun Zhang, Caisheng Chen Optoelectronic implementation of a fuzzy winner-take-all network for fuzzy logic inference 72512
Shuqun Zhang *see* Zhang Shuqun
Shur, A. *see* Apanovich, Y. 55859
Shur, M. *see* Martinez, E. 55991
Shur, M. *see* Peatman, W.C.B. 62892
Shur, M. *see* Peatman, W.C.B. 62899
Shur, M. *see* Peatman, W.C.B. 71711
Shur, M.S. *see* Asif Khan, M. 71739
Shur, M.S. *see* Ytterdal, T. 81903
Shure, M. *see* Rayner, J. 66425
Shuren Xi *see* Qin Zhang 68406
Shuren Zhang *see* Zhang Shuren
Shurmer, H.V. *see* Corcoran, P. 58900
Shurong Li *see* Li Shurong
Shurshakov, V.A. *see* Bengin, V.V. 77106
Shusheng Gu *see* Gu Shusheng
Shusterman, E., Feder, M. Image compression via improved quadtree decomposition algorithms 51622
Shustorovich, A. Scale specific and robust edge/line encoding with linear combinations of Gabor wavelets 57867
Shustorovich, A. A subspace projection approach to feature extraction: the two-dimensional Gabor transform for character recognition 95870
Shustov, E.I. *see* Evstratov, F.F. 53583
Shustov, G.R. *see* Gorsky, O.I. 82514
Shustrov, V.A. *see* Bakhardyrkhanov, M.K. 49854
Shutao Huang *see* Huang Shutao
Shute, H.A. *see* Wilton, D.T. 72154
Shuti Fu *see* Fu Shuti
Shutian Liu *see* Wenlu Wang 56489
Shuto, Y. *see* Watanabe, T. 82621
Shutong Zhou, Chang, W.S.C. The role of optical amplifiers in high dynamic range analog links 75489
Shutt, A.L. *see* Smith, J.R.H. 99011
Shutt, R. *see* Gupta, R. 76648
Shutt, R. *see* Lindner, M. 82420
Shutt, R. *see* Muratore, J. 82419
Shutt, R. *see* Wanderer, P. 82421
Shutt, R. *see* Wanderer, P. 82422
Shuttleworth, R. *see* Auckland, D.W. 99465
Shuttleworth, R. *see* Auckland, D.W. 100108
Shuvalov, L.A. *see* Gridnev, S.A. 56146
Shuvalov, M.Y. *see* Makarov, L.E. 89271
Shuvalov, R.S. *see* Chen, M. 67340
Shuvalov, S.M. *see* Akimov, V.A. 53286
Shuvalov, V.A. *see* Loshkareva, N.N. 72494
Shuwu Zhang *see* Zhang Shuwu
Shuxin Huang, Jilong Yang Design and manufacture of the fast recovery rectifiers having high breakdown voltages and large power capabilities 80107
Shuxun Wang *see* Wang Shuxun
Shuyang Gao *see* Gao Shuyang
Shuying Wang *see* Wang Shuying
Shuyu Lin *see* Lin Shuyu
Shuyuan Quan *see* Quan Shuyuan
Shuyun Wan *see* Wan Shuyun
Shuzeng Qu *see* Qu Shuzeng
Shuzhang Liu *see* Liu Shuzhang
Shuzheng Chen *see* Chen Shuzheng
Shuzheng Song *see* Jing Zu 98184
Shvartsburg, A. Wavelet electrodynamics of dispersive media 57123
Shvartsburg, A.A. Levitation of a gray solar sail with a non-point light source 59514
Shvartsburg, A.A. *see* Glotova, M.Yu. 59513
Shvedunov, V.I., Alimov, A.S., Chepurnov, A.S., Chubarov, O.V., Gribov, I.V., Ishkhanov, B.S., Surma, I.V., Tiunov, A.V. Moscow State University CW race-track microtron status 76343
Shvedunov, V.I. *see* Tiunov, A.V. 67144
Shveikin, V.I. *see* Akimova, I.V. 63809
Shveikin, V.I. *see* Arjanov, E.V. 94459
Shveikin, V.I. *see* Arzhanov, E.V. 72795
Shveikin, V.I. *see* Arzhanov, E.V. 83046
Shvets, G. *see* Katsouleas, T. 76372
Shvets, V.A. Profiles of optical constants of inhomogeneous layers determined by ellipsometric measurements in situ 53064
Shwartsman, B.B. *see* Akimov, V.A. 53286
Shwe, C. *see* Kraisingdecha, P. 71317
Shwedyk, E. *see* Qingyuan Dai 51531
Shweikani, R., Durrani, S.A., Tsuruta, T. Effects of gamma irradiation on the bulk and track etching properties of cellulose nitrate (Daicel 6000) and CR-39 plastics 88078
Shwu-Fen Wang *see* Ming Ouhyoung 58093
Shwu-Jing Chang, Chien-Ping Lee Numerical simulation of the temperature dependence of the sidegating effect in GaAs MESFETs 56007
Shy, D., Perona, P. X-Y separable pyramid steerable scalable kernels 84801
Shy, S.L., Lei, T.F., Chu, C.H., Chang, C.Y., Lee, S.H., Loong, W.A. Very simple data processing system for deep submicron nanofabrication 81611
Shy Jow-Tsong *see* Jow-Tsong Shy
Shy Shyi-long *see* Shyi-long Shy
Shyam, A., Kaushik, T.C., Kulkarni, L.V., Srinivasan, M. Technique to measure small burst of neutrons in presence of background of other radiations and electromagnetic interference 98554
Shyan-Lung Lin, Van Ness, J.E. Parallel solution of sparse algebraic equations 53647
Shyan-Lung Lin, Van Ness, J.E. Parallel solution of sparse algebraic equations 77947
Shyang Chang *see* Bor-Min Wang 55293
Shyang Chang *see* Liang-Hwa Chen 74608
Shyang-Kuen Her *see* Chrzanowska-Jeske, M. 82044
Shye Lin Wu, Chung Len Lee, Tan Fu Lei Suppression of boron penetration into an ultra-thin gate oxide (≤7 nm) by using a stacked-amorphous-silicon (SAS) film 93398
Shye Lin Wu, Chung Len Lee, Tan Fu Lei, Chen, C.F., Chen, L.J., Ho, K.Z., Ling, Y.C. Enhancement of oxide break-up by implantation of fluorine in poly-Si emitter contacted p^+-n shallow junction formation 49866
Shye Lin Wu, Chung Len Lee, Tan Fu Lei, Chen, J.F., Chen, L.J. Suppression of the boron penetration induced Si/SiO_2 interface degradation by using a stacked-amorphous-silicon film as the gate structure for pMOSFET 62746
Shyh-Chyang Wang, Devaney, M. A time-domain approach to the measurement of K-factor [transformer derating] 68692
Shyh-Horng Yang, Morris, S.J., Lim, D.L., Tasch, A.F., Simonton, R.B., Kamenitsa, D., Magee, C., Lux, G. An accurate and computationally efficient semi-empirical model for arsenic implants into single-crystal (100) silicon 81440
Shyh-Horng Yang *see* Lim, D.H. 93119
Shyh-Jong Chung A finite-element analysis of bending dielectric waveguides with reflection walls 73426
Shyh-Jong Chung, Jiunn-Lang Chen A modified finite element method for analysis of finite periodic structures 73467
Shyh-Jye Jou, Chi-Cheng Hung Hierarchical symbolic analysis of analog circuits 49053
Shyh-Neng Lin *see* Shiunn-Jang Chern 95411
Shyh-Rong Lay *see* Jenq-Neng Hwang 95392
Shyh-Shiaw Kuo, Agazzi, O.E. Automatic keyword recognition using hidden Markov models 84849
Shyh-Wei Luan *see* Gligor, V.D. 65035
Shyh-Yeong Ke, Kin-Lu Wong Full-wave analysis of mutual coupling between cylindrical-rectangular microstrip antennas 57256
Shyh-Yeong Ke *see* Kin-Lu Wong 64222
Shyi-Chyi Cheng, Wen-Hsiang Tsai Image compression by moment-preserving edge detection 95150
Shyi-Long Shy *see* Der-Cherng Liu 91446
Shyi-long Shy *see* Wen-an Loong 62583
Shymchak, P. *see* Shbed, P. 90088
Shynk, J.J. *see* Diggavi, S.N. 74006
Shynk, J.J. *see* Diggavi, S.N. 95619
Shynk, J.J. *see* Giridhar, K. 83917
Shynk, J.J. *see* Iltis, R.A. 51294
Shynk, J.J. *see* Petraglia, M.R. 74089
Shypit, R. *see* Fenker, H. 67313
Shyu, S.S. *see* Chen, L.S. 88397
Shyu Hsuen-Chyun *see* Hsuen-Chyun Shyu
Shyu Jong-Jy *see* Jong-Jy Shyu
Shyu Ruey-Ching *see* Ruey-Ching Shyu
Shyu Wei-Ji *see* Wei-Ji Shyu
Shyu-Ren Mau *see* Ming-Hwa Sheu 80380
Shyue-Shyh Lin *see* Ching-Fa Yeh 55960
Shyue-Ter Leu *see* Tean-Sen Jen 71706
Shyur, C.-C. *see* Tsao, S.-H. 96270
Shyur Ching-Chir *see* Ching-Chir Shyur
Shyur Jui-Ching *see* Jui-Ching Shyur
Shyy, D.-J. *see* Chitre, D.M. 86254
Shyy Dong-Jye *see* Dong-Jye Shyy
Si, K. *see* Jianping Xi 100527

Si Bum Kim, Jong Sung Paik, Chui Gi Ko Mechanism for the n-field device failure in double level metal CMOS device 62989
Si He-Ping *see* He-Ping Si
Si Jinhai *see* Jinhai Si
Si Liangxin *see* Liangxin Si
Si Weimin *see* Luo Yi 72851
Si Woo Park *see* Sang Rock Lee 72125
Si-Chen Lee *see* Chi-Huei Lin 71332
Si-Chen Lee *see* Jeng-Hua Wei 81425
Si-Chen Lee *see* Kang-Chen Lin 58858
Si-Chen Lee *see* Shou-Zen Chang 54903
Si-Woo Lee, Hyo-Dong Pan, In-Gon Lim, Seung-Ki Joo Effect of seed and grid on the recrystallization of silicon thin film in SOI-ZMR 48967
Si-Woo Lee *see* Hyo-Dong Pan 48966
Si-Woo Lee *see* Seung-Ri Kim 87278
Si-Xuan Jin *see* Jin Si-Xuan
Si-Ze Yang *see* Pengxun Yan 91641
Siala, M., Kaleh, G.K. A two-track matched spectral-null code with rate 3/4 for the binary dicode channel 83964
Siala, S., Hanmin Zhao, Govindarajan, M., Nottenburg, R.N., Dapkus, P.D. High-speed large-signal digital modulation of three-terminal low-threshold strained InGaAs/GaAs lasers 72848
Siala, S., Kanjamala, A.P., Nottenburg, R.N., Levi, A.F.J. Low skew multimode ribbon fibres for parallel optical communication 97290
Siala, S., Le Doeuff, R., Pietrzak-David, M., de Fornel, B. Analysis of the state space model of induction machines 89973
Siala, S., Zhao, H., Govindarajan, M., Nottenburg, R.N., Dapkus, D.P. Synchronous DC-coupled parallel optical data path using three-terminal InGaAs/GaAs lasers 75398
Siala, S. *see* Govindarajan, M. 75402
Siala, S. *see* Zhao, H. 50855
Siam Chuan Pang *see* Pang Siam Chuan
Siambis, J. *see* Dipten Deb 68700
Sian She *see* Jaekyun Moon 82273
Sian She *see* Jaekyun Moon 84550
Siang-Tiong Yeo *see* Srinivasan, V. 57643
Siarry, P. *see* Berthiau, G. 56016
Siarry, P. *see* Berthiau, G. 81956
Sibai, A. *see* Rocher, V. 66224
Sibbald, C.L. *see* Anderson, J.M. 98262
Sibbett, W. Some advances in self-modelocked lasers 56649
Sibbett, W. *see* Hong, J. 63735
Sibbett, W. *see* Key, M.H. 50731
Sibbett, W. *see* Reid, D.T. 63954
Sibbett, W. *see* Reid, D.T. 63983
Sibbett, W. *see* Terry, J.A.C. 56891
Sibbett, W. *see* Williams, K.A. 94448
Sibbett, W. *see* Yelland, C. 72945
Sibilia, C. *see* Assanto, G. 83265
Sibilia, C. *see* Bertolotti, M. 63450
Sibilia, C. *see* Garzia, F. 56382
Sibilia, C. *see* Horak, R. 82660
Sibille, F. *see* Cesarsky, C.J. 52955
Sibiryak, I.O. *see* Alferov, D.F. 60380
Sibley, C., Calvo, O., Dzengelski, J., Russ, T., Radtke, J., Scheiderman, G. Test results for upgraded switching mode power supplies for the multipole elements in the Bates South Hall Ring Project 60308
Sibley, C. *see* Averill, R. 76689
Sibley, C. *see* Flanz, J.B. 76342
Sibley, C. *see* Sobczynski, S. 67197
Siblini, A. *see* Jorat, L. 63206
Sibomana, M. *see* Macq, B. 98825
Sica, L., Aye, T., Tengara, I., Wexler, B. Compensation of spacer-thickness variations in a holographic Fabry-Perot filter 83355
Sica, M. *see* Bianco, L. 54014
Sicard, B. *see* Delaplace, J. 67732
Sicard, J.-P. *see* Legrand, J. 88843
Sicart, J. *see* Jeanjean, P. 92921
Sichanugrist, P., Sasaki, T., Asano, A., Ichikawa, Y., Sakai, H. Amorphous silicon oxide and its application to metal/n-i-p/ITO type a-Si solar cells 100594
Sichanugrist, P. *see* Nii, T. 100546
Sichao Li *see* Li Sichao
Siche, D. *see* Hartmann, H. 69912
Sicheneder, E. *see* Ramacher, U. 49600
Sicheva, M.V. *see* Petrosjanc, K.O. 62977
Sichun Li *see* Haisen Li 95577
Siciliano, A. *see* Castellano, L. 77306
Siciliano, P. *see* Micocci, G. 49778
Sickinger, H., Falkenstorfer, O., Lindlein, N., Schwider, J. Characterization of microlenses using a phase-shifting shearing interferometer 82677
Sickinger, H. *see* Schwider, J. 50543
Sicuranza, G.L. *see* Marsi, S. 57779
Sicuranza, G.L. *see* Marsi, S. 95529
Sid-Ahmed, M.A. Systolic and semi-systolic realizations of three dimensional filters 61796
Sid-Ahmed, M.A. *see* Cardillo, J. 76895
Sidahmed, M. *see* Bardou, O. 95442
Siddall, G. *see* Steeves, G. 77547
Siddall-Allum, J.N. *see* Thomas, D.C. 67577
Siddiqi, M. *see* Botros, N.M. 64378
Siddiqi, M.U. *see* Sundar Rajan, B. 64320
Siddiqi, R., Kader, A. POWERCOACH—an electricity trading advisor 78027
Siddiqi, R., Woodley, J. Real-time pricing's hidden surprise 53656
Siddiqi, S.N., Baughman, M.L. Optimal pricing of non-utility generated electric power 59779
Siddiqui, A.S. *see* Yu, A. 98018
Siddiqui, N. Dielectric spectroscopy of p-n junction diodes 71182
Siddiqui, S.A., Nandan, D., Gupta, S., Subharwal, M. A new increasing failure rate model for life time data 91147
Siddiqui, S.A. *see* Awan, M.S. 79766
Siddons, D.P. *see* Feng-Berman, S.K. 87756
Siddons, D.P. *see* Nawrocky, R.J. 76446
Sidelnikov, V.M. Decoding Reed-Solomon codes beyond $(d-1)/2$ and zeros of multivariate polynomials 83985
Sideman, S. *see* Lotan, N. 55497
Sideman, S. *see* Manor, D. 88353
Sideman, S. *see* Taratorin, A.M. 84241
Sideri, M. *see* Papadimitriou, C.H. 51834
Sideridis, A.B. *see* Simos, T.E. 91382
Sideris, N.C. *see* Hatziargyriou, N.D. 77961
Siders, C.W., Gaul, E.W., Downer, M.C., Babine, A., Stepanov, A. Self-starting femtosecond pulse generation from a Ti:sapphire laser synchronously pumped by a pointing-stabilized mode-locked Nd:YAG laser 73112
Sidey, R.C. *see* Davis, G.R. 58788
Sidharth *see* Barker, D.B. 69562
Sidhu, D.P., Chung, A., Chun-Shi Chang Probabilistic testing of OSI protocols 74713
Sidhu, G.S. *see* Sharma, A. 55517
Sidhu, S.S. Polygons of unequal resistors 80072
Sidhu, T.S., Singh, H., Sachdev, M.S. An artificial neural network based directional discriminator for protecting transmission lines 99767
Sidhu, T.S. *see* Ao, Z. 89150
Sidhu, T.S. *see* Chattopadhyay, B. 89352
Sidhu, T.S. *see* Sachdev, M.S. 99690
Sidhu, T.S. *see* Sachdev, M.S. 99762
Sidi, A. Rational approximations from power series of vector-valued meromorphic functions 54747
Sidi, C. *see* Dalaudier, F. 57108
Sidi, M. *see* Bar-Noy, A. 65621
Sidi, M. *see* Cidon, I. 65016
Sidi, M. *see* Sohraby, K. 51753
Sidi, M. *see* Yaron, O. 64930
Sidi-Yekhlef, A. *see* Deis, G. 87958
Sidiropoulos, N.D., Baras, J.S., Berenstein, C.A. Algebraic analysis of the generating functional for discrete random sets and statistical inference for intensity in the discrete Boolean random-set model 74256
Sidiropoulos, N.D., Baras, J.S., Berenstein, C.A. Optimal filtering of digital binary images corrupted by union/intersection noise 74328
Sidiropoulos, N.D., Baras, J.S., Berenstein, C.A. Optimal filtering of digital binary images corrupted by union/intersection noise 74347
Sidiropoulos, S., Chih-Kong Ken Yang, Horowitz, M. A CMOS 500 Mbps/pin synchronous point to point link interface 70431
Sidman, A.L. *see* Mallary, M.L. 72129
Sidorchuk, V.E. *see* Kononenko, A.G. 87547
Sidorenko, A. *see* Riedel, K.S. 74181
Sidorenko, A. *see* Riedel, K.S. 84507
Sidorenko, V., Zyablov, V. Decoding of convolutional codes using a syndrome trellis 95202
Sidorenko, V.D. *see* Nechiporenko, I.N. 94757
Sidorenko, V.R. *see* Zyablov, V.V. 64286
Sidorov, A.I., Chirkov, V.N., Yachnev, I.L. Influence of the thermal self-interaction of radiation on the shift of the emission frequency of an electron-beam-controlled CO_2 laser 72700
Sidorov, A.M. *see* Puzyrev, E.M. 89659
Sidorov, D.A. Models of economic indicators for commercial power stations 60039
Sidorov, V. *see* Chovanec, F. 93994
Sidorov, V.A. *see* Alferov, D.F. 60380
Sidorov, V.V., Merzakreev, R.R., Epictetov, L.A. Two-way time transfer experiments via meteor burst communication 86310
Sidorov, V.V. *see* Desourdis, R.I., Jr. 75384
Sidorov, Yu.G. *see* Varavin, V.S. 54909
Sidorovich, V.G. *see* Leshchev, A.A. 50655
Sidorovitch, D.V. *see* Maiwald, D. 84460
Sidulov, M.V., Martynov, V.A., Kudryavtsev, N.Yu., Zroichikov, N.A., Vorob'ev, L.A., Lukin, S.V. Mathematical simulation and optimization of operation of cogeneration power stations 89662
Sie Benchao *see* Ren Yong 86579
Sie Benchao *see* Benchao Sie
Siebenhaar, R. *see* Bauschert, T. 85360
Siebentritt, S. *see* Gunster, S. 60473
Sieber, A. *see* Amar, F. 77586
Sieber, A. *see* Fehringer, H.M. 98489
Sieber, A.J. *see* De Grandi, G. 77239
Sieber, A.J. *see* Fortuny, J. 97374
Sieber, B. *see* Cleton, F. 81318
Sieber, I. *see* Krankenhagen, R. 92933
Sieberg, M. *see* McCluer, S.W. 68410
Siebert, L.D. *see* Lysogorski, C.D. 56977
Siebert, P. Video transmission in SDH—the DIMOSAURUS field trial 97671
Siebert, S. *see* Sievert, J. 53021
Siedentop, M. Flexible fuel vehicles—environmental aspects and technical solutions 78973
Siedlecki, W.W. A formula for multi-class distributed classifiers 84593
Siedling, R. *see* Bock, R. 59147
Siedling, R. *see* Schultz von Dratzig, A. 67280
Siefert, B. Electricity distribution plants and regional structures: a comparison between new and old federal provinces [of Germany] 99677
Siefring, C.L. *see* Bernhardt, P.A. 83690
Sieg, R. *see* Chatterjee, B. 71149
Siega, P. *see* Ali, A. 54264
Siega, P. *see* Dughiero, F. 54256
Siegal, M.P. *see* Ginley, D.S. 82332
Siegel, F. *see* Marshall, A. 55204
Siegel, G.H., Jr. *see* Lai, C. 61366
Siegel, J. *see* Scheuer, T.E. 97451
Siegel, M. *see* Glyantsev, V.N. 56248
Siegel, M. *see* Herrmann, K. 93937
Siegel, M. *see* Kunkel, G. 56254
Siegel, M. *see* Kunkel, G. 93938
Siegel, N. *see* Rifflet, J.M. 87792
Siegel, N. *see* Russenschuck, S. 76345
Siegel, N. *see* Vedrine, P. 87794
Siegel, P., De Micheli, G. Decomposition methods for library binding of speed-independent asynchronous designs 92165
Siegel, P. *see* Mehdi, I. 61957
Siegel, P.H. *see* Choudhury, D. 80705
Siegel, P.H. *see* Mehdi, I. 80834
Siegel, P.H. *see* Oswald, J.E. 80625
Siegel, P.H. *see* Raisanen, A.V. 80706
Siegel, P.H. *see* Roth, R.M. 95108
Siegel, P.H. *see* Stimson, P.A. 80692
Siegel, P.H. *see* Thapar, H.K. 50333
Siegel, P.H. *see* Trong-Huang Lee 55391
Siegel, S. *see* Cherry, S.R. 88092
Siegel, S. *see* Chinn, G. 98830
Siegel, S.I. *see* Gonin, I.M. 52994
Siegel, Y. *see* Wang, J.-K. 73072
Siegert, G.R., Vitanov, P., Eisele, I. Observation of discrete energy levels of interface traps in sub-μm MOSFETs 81923
Sieglinger, B. *see* Finch, M. 67953
Siegman, A.E. *see* Yuh-Jen Cheng 72997
Siegmund, D. Effect of power system design on flicker effects die to elements connected to medium and high voltage networks 69267
Siegmund, H.-U. *see* Kauffmann, F. 58668
Siegmund, O.H.S. *see* Priedhorsky, W. 77102
Siegoczynski, R.M. *see* Wisniewski, R. 66747
Siejka, J. *see* Morazzani, V. 49767
Siekkinen, J. *see* Gilbert, P.V. 55997
Siekkinen, J.W., Neudeck, G.W., Glenn, J.L., Venkatesan, S. A novel high-speed silicon bipolar transistor utilizing SEG and CLSEG 55919
Siemann, R. *see* Adolphsen, C. 76537
Siemann, R. *see* Krejcik, P. 76509
Siemann, R.H. Overview of linear collider designs 66994
Siemann, R.H. *see* Krejcik, P. 87900
Siemann, R.H. *see* Minty, M. 76510
Sien Chi, Chir-Weei Chang, Senfar Wen Ultrashort soliton pulse train propagation in erbium-doped fiber amplifiers 83009
Sien Chi *see* Senfar Wen 63421
Sien Chi *see* Yung-Kuang Chen 86331
Siena, A.Di *see* Di Siena, A.
Sienkiewicz, F. *see* Chonghua Zhou 52927
Siereveld, J. *see* van Nee, R.D.J. 65955
Siergiej, D., Goderre, G. Beam-beam experiments in the Tevatron 87803
Sierota, A., Rungis, J. Electrostatic charging in transformer oils. Testing and assessment 100197
Siertsema, W.J., Jones, H. The Oxford pulsed magnetic field facility 78732
Siertsema, W.J. *see* Jones, H. 82504
Sietman, R. Are niche markets Europe's last chance in semiconductors? 48576
Sietsma, J. *see* Dow, R.J.F. 64533
Sievanen, H., Karhumaki, L., Vuori, I., Malmivuo, J. Compartmental multivariate analysis of exercise ECGs for accurate detection of myocardial ischaemia 76996
Sievers, A.J. Characterization of the optical properties of complex systems 60485
Sievers, M. *see* Havens, R. 74777
Sievers, P. *see* Billan, J. 76350
Sievers, P. *see* Clari, F. 76351
Sievers, R. *see* Hansen, B.N. 66721
Sievers, R.K. *see* Ivanenok, J.F., III 99114
Sievert, J. Determination of the density of magnetic sheet steel using strip and sheet specimens 66694
Sievert, J., Ahlers, H., Ludke, J., Siebert, S., Pareti, L., Solzi, M. European intercomparison of measurements on permanent magnets 53021
Sievert, J. *see* Eckert, D. 53025
Sievert, J. *see* Enokizono, M. 56202
Siew, C.K., Er, M.H. Investigation of the throughput and delay performance of MP-CSMA/CD using an adaptive algorithm with 2 levels of priorities 74971
Siew, C.K., Er, M.H. An adaptive algorithm for performance optimisation of modified p-persistent CSMA/CD local area network 85844
Siew, C.K. *see* Jin Teong Ong 86226
Siew Chee Kheong *see* Lu Chao 85850
Siew-Wei Chin, Rajan, S.D., Nagaraj, B.K., Mahalingam, M. Automated design tool for examining microelectronic packaging design alternatives 54536
Siewerdsen, J.H. *see* Antonuk, L.E. 88432
Siewerdsen, J.H. *see* Antonuk, L.E. 98846
Siewerdt, L. *see* Heller, R. 82483

Siewierski, J.J. *see* Barker, P.P. 68330
Siewiorek, D. *see* Hendrickson, C. 90894
Siewiorek, D.P. *see* Amon, C.H. 97501
Siewiorek, D.P. *see* Gupta, A.P. 92134
Sifen Luo, Jyh-Ming Jang, Tripathi, V.K. Cross-talk in coupled interconnects with meshed ground planes 48689
Siferd, R. *see* Malhotra, R.P. 55357
Siferd, R. *see* Shetty-Wagoner, M. 55164
Siferd, R.E. *see* Cravens, R.C. 80100
Siffert, M. *see* Boby, J. 52876
Siffert, P. *see* Dusi, W. 88041
Siffert, P. *see* Elsener, K. 67194
Siffert, P. *see* Fontaine, J.Ch. 88086
Siffert, P. *see* Grassi, D. 88039
Siffert, P. *see* Hartiti, B. 100642
Siffert, P. *see* Kuznicki, Z.T. 55609
Siffert, P. *see* Schindler, R. 100630
Sig Jun Jung *see* Jung Sig Jun
Sig Kang Ki *see* Ki Sig Kang
Sigal, G.P., Sokolov, B.Yu. Fabrication of a nickel coating for a magnetostriction optic-fiber magnetic-field transducer 98024
Sigal, G.P. *see* Mukimov, K.M. 87346
Sigel, G.H., Jr. *see* Fengqing Wu 94429
Sigel, G.H., Jr. *see* Wei, K. 63341
Sigeta, M. *see* Shibata, S. 98487
Sigg, D. CCDs as X-ray detectors in a high radiation environment 59223
Sigg, H.C. *see* Patterson, B.D. 63594
Sigg, J. *see* Ma, C.L. 93445
Sigler, F.E. *see* Nguyen, D.C. 83193
Sigman, S. *see* Cherrick, S. 97597
Sigmon, T.W. *see* Ahmed, S. 71287
Sigmon, T.W. *see* Brooks, M.B. 81571
Sigmon, T.W. *see* Kramer, K.-J. 79845
Sigmon, T.W. *see* Slaoui, A. 70033
Signore, V. *see* Camarda, P. 96710
Signorile, R.P. A fuzzy clustering heuristic for telecommunications network design 85810
Sigov, A.S. *see* Orlova, E.V. 56153
Sigov, Y.S. *see* Batishchev, O.V. 76369
Sigurd, D. *see* Andersson, K. 55932
Sigvartsen, R.L. *see* Soelberg, K. 49610
Sihvola, A.H. On polarizability properties of bianisotropic spheres with noncomplete magnetoelectric dyadics 94790
Sihvola, A.H. *see* Lindell, I.V. 57066
Sihvola, A.H. *see* Lindell, I.V. 69309
Sijde, A.G.van der *see* van der Sijde, A.G.
Siji Guo *see* Guo Siji
Sik, H., Riet, M., Dubon-Chevallier, C., Sermage, B. $(NH_4)_2S_x$ passivation treatment and UVCVD stabilisation for GaInP-GaAs heterojunction bipolar transistors 93182
Sik Choi Chang *see* Chang Sik Choi
Sik Chun Byung *see* Byung Sik Chun
Sik Hong Bong *see* Bong Sik Hong
Sik Keum Hong *see* Hong Sik Keum
Sik Kih Joong *see* Joong Sik Kih
Sik Kim Dae *see* Dae Sik Kim
Sik Kim Heung *see* Heung Sik Kim
Sik Kim Myung *see* Myung Sik Kim
Sik Kwak Sun *see* Sun Sik Kwak
Sik Lee Chun *see* Chun Sik Lee
Sik Park Hwa *see* Hwa Sik Park
Sik Park Youn *see* Youn Sik Park
Sik Shin Doo *see* Doo Sik Shin
Sik Yoon Kyung *see* Kyung Sik Yoon
Sik Youn Won *see* Won Sik Youn
Sikharulidze, D. *see* Chanishvili, A. 63494
Sikora, J. *see* Dedek, L. 68513
Sikora, R., Chady, T., Komorowski, M., Ziolkowski, M. Verification of three-dimensional magnetic field distribution 53032
Sikora, R., Chady, T., Komorovski, M., Ziolkovski, M. Monitoring the spatial distribution of a magnetic field 87452
Sikora, R.E. *see* Cameron, P.R. 76495
Sikora, R.E. *see* Goldman, M.A. 76704
Sikorski, B. *see* Skopec, A. 53788
Sikorski, L. *see* Mosinski, F. 61970
Sikorski, L. *see* Mosinski, F. 82167
Sikorski, L. *see* Mosinski, F. 98244
Sikorski, S.A. *see* Margaritis, G. 61441
Sikorskii, A.E., Mikhalev, V.L. Estimating the operation of relay protection devices under electromagnetic interference conditions 99756
Sikorskii, A.Y., Mikhalev, V.L. Operation of relay protection systems in the presence of electromagnetic noise 53842
Sil, A., Venkateswarlu, D.S., Chatterjee, A., Shukla, M.M., Rani, A.J. Transient thermal response of the cathode surface of a potted heater-cathode structure 81125
Silady, F.A. *see* McDonald, C.F. 78299
Silaev, A. *see* Nikulin, A. 82452
Silaev, A.G. *see* Nikulin, A.D. 83563
Silaev, A.M. *see* Mal'tsev, A.A. 51474
Silaev, A.M. *see* Vanzha, A.V. 84379
Silakov, V.P. *see* Askaryan, G.A. 67881
Silander, K. *see* Bouclier, R. 67348
Silari, M., Milazzo, M. Conceptual design of a compact photon source in the 1-100 keV range 59216
Silari, M. *see* Arduini, G. 76285
Silber, A., Brauchle, C., Hampp, N. Dehydrogenase-based thick-film biosensors for lactate and malate 58863
Silber, C., Heidrich, D., Bierlaire, P., Kanellopoulos, I. Processing of AVHRR imagery using the T.Node parallel computer 77643
Silberberg, J.L. *see* Leverich, M.K. 77015
Silberring, P. Vision system: A key technology for chip assembly 91111
Silbert, H. AIN service creation goals and what's needed to meet them 52250
Silbey, R.J. *see* Samuel, I.D.W. 83291
Silbiger, M.L. *see* Wei Qian 88395
Silence, S.M., Donckers, M.C.J.M., Walsh, C.A., Burland, D.M., Twieg, R.J., Moerner, W.E. Optical properties of poly(N-vinylcarbazole)-based guest-host photorefractive polymer systems 50439
Silence, S.M. *see* Stankus, J.J. 94666
Siler, J., Geibel, R. Contemporary management of international power plant projects 69451
Silfhout, A.van *see* van Silfhout, A.
Silha, E. *see* Paap, G. 70588
Sili Fang *see* Fang Sili
Siliang Wu *see* Wu Siliang
Silichev, O.O. Mode structure of a resonator with non-Gaussian components. I. Axial mode structures 63901
Silichev, O.O., Malashin, P.O., Tumash, M.F. Mode structure of a resonator with non-Gaussian components. II. Multipass off-axial structures 63902
Silier, I. *see* Konuma, M. 91469
Silin, V.P. *see* Alfimov, G.L. 93929
Silio, C.B., Jr. *see* Jiahnsheng Yin 65336
Siliquini, J.F., Fynn, K.A., Nener, B.D., Faraone, L., Hartley, R.H. Improved device technology for epitaxial $Hg_{1-x}Cd_xTe$ infrared photoconductor arrays 72612
Siliquini, J.F., Musca, C.A., Nener, B.D., Faraone, L. Performance of optimized $Hg_{1-x}Cd_xTe$ long wavelength infrared photoconductors 75973
Silk, D.J. Writing management reports 60820
Sillanoli, M. *see* Akbari, H. 76610
Siller, C.A., Jr. *see* Punj, V. 51901
Silov, A.Yu., Haverkort, J.E.M., Averkiev, N.S., Koenraad, P.M., Wolter, J.H. Polarization of tunneling-assisted recombination of two-dimensional holes 81290
Silva, A.A. Simulating electrical circuits with an electronic spreadsheet 60804
Silva, A.M.Leite da *see* Leite da Silva, A.M.
Silva, A.P.Alves da *see* Alves da Silva, A.P.
Silva, A.X.Da *see* Da Silva, A.X.
Silva, C.E.T.Goncalves da *see* Goncalves da Silva, C.E.T.
Silva, C.M.da *see* da Silva, C.M.
Silva, C.W.de *see* de Silva, C.W.
Silva, E.A.B.da *see* da Silva, E.A.B.
Silva, E.do Couto e *see* do Couto e Silva, E.
Silva, E.F.da, Jr. *see* da Silva, E.F., Jr.
Silva, E.J., Mesquita, R.C., Saldanha, R.R., Palmeira, P.F.M. An object-oriented finite-element program for electromagnetic field computation 83448
Silva, F.S.C.da *see* da Silva, F.S.C.
Silva, G.Da *see* Da Silva, G.
Silva, J.A., Campilho, A.J.C., Marques dos Santos, J.C. 3D scene segmentation and surface identification 84871
Silva, J.A.P.da *see* da Silva, J.A.P.
Silva, J.F. Double predictive control for power rectifiers: performance assessment by computer simulation 90139
Silva, J.Fernando *see* Fernando Silva, J.
Silva, J.H. *see* Mittleman, S.D. 95029
Silva, J.M. *see* Matos, J.S. 49581
Silva, J.P.Marques *see* Marques Silva, J.P.
Silva, L.B.Da *see* Da Silva, L.B.
Silva, L.C.da *see* da Silva, L.C.
Silva, L.Da *see* Da Silva, L.
Silva, L.E.Borges da *see* Borges da Silva, L.E.
Silva, M., Cartwright, G.F. The Internet and reference librarians: a question of leadership 75027
Silva, M.K.Camargo *see* Camargo Silva, M.K.
Silva, M.M. *see* Simoes, A.S. 69200
Silva, M.T.Camargo *see* Camargo Silva, M.T.
Silva, N.Canzian da *see* Canzian da Silva, N.
Silva, P. *see* Nava, M.D. 65064
Silva, P.P.da *see* da Silva, P.P.
Silva, P.R., Santos, A., Jr., Boaventura, W.C., Miranda, G.C., Scott, J.A. Impulse response analysis of a real feeder for high impedance fault detection 89254
Silva, R. *see* Brown, A. 65973
Silva, R.N., Murray, G.W. Low cost quartz rate sensors applied to tactical guidance IMUs 67954
Silva, S.R. *see* Rossi, R.D.F. 100276
Silva, S.R.P. *see* Rusli 71169
Silva, T.O.E. Optimality conditions for truncated Laguerre networks 84375
Silva, T.Oliveira e *see* Oliveira e Silva, T.
Silva, V.F.da *see* da Silva, V.F.
Silva Girao, P. *see* Cruz Serra, A. 97870
Silva Lacava, J.C.da *see* da Silva Lacava, J.C.
Silva Mello, L.A.R.da *see* da Silva Mello, L.A.R.
Silva-Andrade, F., Chavez, F., Gomez, E. Epitaxial GaAs growth using atomic hydrogen as the reactant 79791
Silva-Andrade, F. *see* Ilinskii, A.V. 81775
Silva-Varela, H. *see* Garcia-Moreno, C.A.M. 73917
Silveira, A.C.F.da *see* da Silveira, A.C.F.
Silveira, J.Guedes *see* Guedes Silveira, J.
Silveira, J.P., Briones, F. Low temperature growth of highly doped GaAs:Si by atomic layer molecular beam epitaxy 71115
Silveira, L.Miguel *see* Miguel Silveira, L.
Silveira, R., Massambani, O., Costa, E. Application of a meteorological model to investigate the effects of atmospheric circulation on microwave line-of-sight links 86075
Silvennoinen, P. R&D project selection for promoting the efficiency of energy use 100788
Silvennoinen, R., Nygren, K., Mozerov, M. Holographic nondestructive testing in bone growth disturbance studies 50975
Silvennoinen, R. *see* Jaaskelainen, T. 53551
Silvennoinen, R. *see* Peiponen, K.-E. 84932
Silvennoinen, R. *see* Peiponen, K.-E. 91114
Silver, E. *see* Adachi, R. 59195
Silver, E. *see* LeGros, M. 67306
Silver, G. *see* Vyden, B. 97221
Silver, J. FPGAs for high performance switches 61623
Silver, J.A., Hovde, D.C. Near-infrared diode laser airborne hygrometer 59558
Silver, M., Greene, P.D., Adams, A.R. Polarisation-insensitive modulators based on multistrain stepped quantum well structures 94194
Silver, M., O'Reilly, E.P. Gain and radiative current density in InGaAs/InGaAsP lasers with electrostatically confined electron states 63784
Silver, M. *see* Czajkowski, I.K. 56437
Silver, M.D., Erker, J.W., Duncan, M.Z., Hartford, T.J., Sivers, E.A., Hopkinson, J.F. Detector for high energy photon backscatter 59239
Silver, R.N., Roder, H. Densities of states of mega-dimensional Hamiltonian matrices 79699
Silvera, I.F. *see* Walsworth, R.L. 63618
Silverans, R.E. *see* Vermeeren, L. 98485
Silverans, R.E. *see* Watte, J. 81807
Silverberg, L., Washington, G. Modal control of reflector surfaces using far-field power measurements 73519
Silveri, P.J. *see* Roberts, S.R. 89642
Silverman, H.F. *see* Foote, J.T. 84131
Silverman, H.F. *see* Nathan, K.S. 64364
Silverman, J. Local contrast enhancement of IR images 64854
Silverman, J.H. Variation of the canonical height on elliptic surfaces. II. Local analyticity properties 79588
Silverman, J.H. Variation of the canonical height on elliptic surfaces. III. Global boundedness properties 79589
Silverman, J.P., Archie, C.N., Andrews, D.E., Weger, A.J. Operating experience with the Helios compact storage ring at IBM 87631
Silverman, L.A. *see* Yet-Ming Chiang 70937
Silverman, P.J. *see* Ya-Hong Xie 62739
Silverman, W. *see* Goldberg, Y. 85611
Silversmith, A. Upconversion excitation of green fluorescence in Er:YAG 73031
Silversmith, A.J. *see* Novo-Gradac, A.d. 73035
Silversmith, J. *see* Zhang, L. 63745
Silverstein, D.A., Klein, S.A. Restoration of compressed images 64675
Silverstein, L. *see* Martin, R. 77145
Silverstein, L.D. *see* Samadani, R. 98239
Silverstein, M.E., Cremer, M.A. The role of computer communications in preventing the cascade of errors which occur in industrial disasters 85655
Silverstein, S. *see* Fordham, C. 59184
Silverstein, S.D. Performance analyses of the stochastic maximum likelihood and the subspace power estimation algorithms 84466
Silverstein, S.D. A new use of ESPRIT for detection and model order estimation 95426
Silverwood, P.A. *see* Wang, Y. 64794
Silvester, J.A. *see* Wang, S.S. 96135
Silvester, P.P., Chamlian, S.V. Symbolic generation of finite elements for skin-effect integral equations 83468
Silvester, P.P., Chen, Z. Modal theory of eddy currents in thin circular plates 51030
Silvester, P.P. *see* Antonova, E.E. 71875
Silvester, P.P. *see* Davies, J.B. 73200
Silvester, P.P. *see* Omeragic, D. 83754
Silvester, P.P. *(editor)* Software Applications in Electrical Engineering. Second International Conference on Software for Electrical Engineering Analysis and Design, Electrosoft/93 48582
Silvestre, C. *see* Parker, C.G. 61349
Silvestre, C.L. *see* Bayoumi, A.M. 62922
Silvestri, A. *see* Berizzi, A. 67977
Silvestri, A. *see* Berizzi, A. 77882
Silvestri, A. *see* Castelli-Dezza, F. 78181
Silvestri, S. *see* Frontera, F. 76862
Silvestri, S.De *see* De Silvestri, S.
Silvestro, J.W., Irwin, C.J. CAE simulation of radiated emissions 94885
Silvey, T. *see* Ernette, D. 89640
Silvian, G. *see* Bar-Ness, Y. 84283
Sim, J.H. *see* Kuo, J.B. 93464
Sim, J.W. *see* Glass, H.D. 76685
Sim, S.H. *see* Klein, E.M. 60118
Sim, S.R. *see* Toro, M. 89158
Sim Dong Kyu *see* Dong Kyu Sim
Sim Jae Ki *see* Jae Ki Sim
Sim Jae-Ki *see* Jae-Ki Sim

Simada, M. *see* Kobayashi, T. 77571
Simahkin, A.V. *see* Shafeev, G.A. 71326
Simakov, V.N. *see* Ioannisian, A.B. 77045
Simakov, V.N. *see* Ioannisian, A.B. 77046
Simanchuk, V.I. *see* Chakhlov, V.L. 55029
Simanovich, E.V. *see* Maslovskii, V.M. 71239
Simard, J.-R., Aitken, V.C. Time-averaged speckle reduction in scanning active imaging systems 58827
Simard, R., Rajagopalan, V. An AC-DC converter with reduced electromagnetic interference 80094
Simas, M.I.C. *see* Finco, S. 91886
Simas, M.I.Castro *see* Castro Simas, M.I.
Simatovic, I. Possibility of more accurate determination of symmetrical components and indicators of unsymmetry of three-phase voltages and currents 77880
Simburger, W. *see* Weger, P. 75301
Simchon, R. *see* Butler, J.F. 98816
Simcoe, R.J. *see* Souza, R.J. 58116
Sime, D.G. *see* Moore, V. 66008
Simek, J., Bojcun, M., Valehrachova, D. Class AB switched-current building blocks for sampled-data filters 61785
Simen, D. *see* Sasisekharan, R. 74855
Simeonidou, A.Yu.D., O'Mahony, M.J. Transmission limitation of multiwavelength optical transport network by fibre nonlinearities 58438
Simeonova, L.I. *see* Mitev, K.D. 52768
Simes, R. *see* Speier, P. 83173
Simha, N. *see* Guptan, S. 96260
Simha, R., Kurose, J.F. On-line minimization of call setup time via load balancing: a stochastic approximation approach 51767
Simha, R., Ofek, Y. Reducing global address recognition delays in local area networks with spatial bandwidth reuse 74951
Simhal, S.K. *see* Chau Pham 65892
Simhal, S.K. *see* Pham, C. 99069
Simic, E. *see* Jee-Hoon Yap 93080
Simic, N. *see* Paunovic, D. 74790
Simili, R. *see* Marchetti, S. 82802
Simili, R. *see* Marchetti, S. 83287
Simin, G.S. *see* Zhilyaev, Yu.V. 81980
Siminovitch, M., Hamilton, A., Zhang, C., Verderer, R. Dirt depreciation of compact fluorescent lamp downlights 69209
Siminovitch, M., Zhang, C., Kleinsmith, N. Variations in convective venting to increase the efficiency of compact fluorescent downlights 69191
Siminovitch, M.J., Chin Zhang Increasing fixture efficiency for compact fluorescent downlights 100928
Simion, R. Combinatorial statistics on non-crossing partitions 54672
Simizu, S. *see* Lian, F.Z. 71931
Simkani, M. Local limiting behavior of the zeros of approximating polynomials 61155
Simkiene, I. *see* Tvardauskas, H. 81533
Simkin, J. *see* Ait-Sadi, R. 83449
Simkin, J. *see* Bryant, C.F. 83708
Simkin, J. *see* Emson, C.R.I. 83417
Simkin, J. *see* Girdinio, P. 83523
Simkin, J. *see* Riley, C.P. 90647
Simkin, M.S. *see* Pichugin, I.I. 89623
Simko, V. *see* Mojzis, M. 98354
Simmer, K.U., Fischer, S., Wasiljeff, A. Suppression of coherent and incoherent noise using a microphone array 97711
Simmer, K.U. *see* de Heering, P. 58503
Simmonds, M.G. *see* Karpov, I. 91562
Simmonds, R. Paying for the harm in harmonics 77820
Simmonds, R. Esprit leaves home 78844
Simmons, A. Interfacing numbers with people: lessons in quality measurement techniques 96291
Simmons, A.J. *see* Mayhan, J.T. 57232
Simmons, D., Fujihara, H., Stanley, J., Shannon, R., Barrow, J. Distributed Network Advisor (DNA) 85660
Simmons, G.J. Proof of soundness (integrity) of cryptographic protocols 57988
Simmons, G.J. Subliminal channels; past and present 73627
Simmons, I.C.P., Pearce, L.M. The effectiveness of automotive EMC test methods 57148
Simmons, I.M. *see* Relph, B.M. 69181
Simmons, J. *see* Shu, Q.S. 87932
Simmons, J.A. A contractor's viewpoint [to earthing] 53799
Simmons, J.A. *see* Lovejoy, M.L. 71709
Simmons, J.G. *see* Adams, D.M. 72388
Simmons, J.G. *see* Kam-Wing Chai 72837
Simmons, J.G. *see* Liu, H.C. 94262
Simmons, J.G. *see* Ojha, J.J. 56013
Simmons, J.G. *see* Swoger, J.H. 83097
Simmons, J.G. *see* Xing, B. 87180
Simmons, J.M. A strategy for designing error detection schemes for general data networks 73666
Simmons, J.M., Gallager, R.G. Design of error detection scheme for class C service in ATM 57353
Simmons, M.Y., Ritchie, D.A., Zailer, I., Churchill, A.C., Jones, G.A.C. Optimization of high mobility two-dimensional hole gases 55622
Simmons, R. *see* Lin, G.H. 63230
Simmons, R. *see* Potter, N. 90979
Simmons, R.F. *see* Bhattacharyya, M.K. 72130
Simmons, R.F., Jr *see* Jhon, M.S. 72143
Simmons, R.F., Jr. *see* Peck, P.R. 63224
Simmons, S.J. Alternative trellis decoding for coded QAM in the presence of ISI 57360
Simniskis, R. *see* Dagys, M. 87460
Simoen, E., Claeys, C. DC characteristics of gate-all-around (GAA) silicon-on-insulator MOSFETs at cryogenic temperatures 62806
Simoen, E., Claeys, C. Low temperature operation of silicon-on-insulator inverters 62995
Simoen, E., Dierickx, B., De Canne, B., Thoma, F., Claeys, C. On the gate- and drain-voltage dependence of the RTS amplitude in submicron MOSTs 49995
Simoen, E., Magnusson, U., Rotondaro, A.L.P. The kink-related excess low-frequency noise in silicon-on-insulator MOST's 50000
Simoen, E., Magnusson, U., Van den bosch, G., Smeys, P., Colinge, J.P., Claeys, C. Low-frequency noise and DC characterization of ionization damage in a 1-μm SOI CMOS technology adapted for space applications 71773
Simoen, E., Vanstraelen, G., Claeys, C. The cryogenic behaviour of metal-oxide-semiconductor transistors fabricated in high-resistivity silicon substrates 81919
Simoen, E. *see* Bosisio, L. 59074
Simoen, E. *see* Claeys, C. 81764
Simoen, E. *see* Dierickx, B. 67378
Simoen, E. *see* Martino, J.A. 49979
Simoen, E. *see* Vanhellemont, J. 71573
Simoes, A.S., Silva, M.M., Anunciada, A.V. A boost-type converter for DC-supply of fluorescent lamps 69200
Simola, J.T.A. *see* Knuutila, J.E.T. 53390
Simon, A.R. Network re-engineering. Foundations of enterprise computing 90725
Simon, B.H., Raghavan, R., Tochigi, T. Control of multiple nuclear power plants from a single detached and integrated control facility 99888
Simon, D., El-Sherief, H. Fuzzy phase-locked loops 65956
Simon, D., El-Sherief, H. Design of global positioning system receivers for integrated inertial navigation systems 86626
Simon, D.J. *see* Dougherty, J.J. 59490
Simon, E. *see* Neupert, D. 53906
Simon, E. *see* Neupert, D. 78270
Simon, E. *see* Weyand, K. 87445
Simon, G. *see* Colla, T.J. 94701
Simon, G. *see* Holler, K. 68891
Simon, G. *see* Klein, T. 94700
Simon, G. *see* Trappe, J. 94702
Simon, J. *see* Baji, T. 70655
Simon, J. *see* Ostmann, A. 55502
Simon, J.D. *see* Cong, P. 73036
Simon, J.J. *see* El Ghitani, H. 90382
Simon, K., Scheunemann, H.-U., Huber, H.-L., Kaiser, P. Alignment accuracy improvement by consideration of wafer processing impacts 81588
Simon, M. *see* Hof, M. 67310
Simon, M. *see* Levitt, B. 75197
Simon, M. *see* Shtub, A. 54424
Simon, M. *see* Sufana, C. 89347
Simon, M.K. A simple evaluation of DPSK error probability performance in the presence of bit timing error 51304
Simon, M.K., Divsalar, D. Multiple symbol partially coherent detection of MPSK 51307
Simon, M.K. *see* Cheng, U. 52331
Simon, M.K. *see* Divsalar, D. 51297
Simon, M.K. *see* Levitt, B.K. 57537
Simon, M.P. *see* Schuh, M.J. 97376
Simon, P., Bui, N., Dabosi, F. An in situ study of the effect of tin on the passivation of lead-tin alloys 68951
Simon, R., Znati, T., Sclabassi, R. Group communication in distributed multimedia systems 65075
Simon, R.S. *see* Gabler, A.R. 67416
Simon, S., De Vriendt, J. Progressive image transmission with run-length coding 73604
Simon, S. *see* De Vriendt, J. 74276
Simon, T.W. *see* Wu, P.S. 91074
Simon, W. *see* Ozawa, S. 87230
Simon, W.A. *see* Blue, L.S. 89536
Simon Ming Sze *see* Shih-Hsiung Chan 91532
Simon-Gillo, J. *see* Britton, C.L. 71809
Simon-Gillo, J. *see* Lock, J.S. 67366
Simond, J.-J., Vogele, H., Chatelain, J., Taghezout, D. Motor-generators in pumped storage plants—experiences, design features and starting modes 89742
Simond, J.-J. *see* Vogele, H. 89886
Simonelli, J.M., Torrey, D.A. An alternative bus clamp for resonant DC-link converters 60302
Simonetti, D.S.L., Bevilacqua, G., Mejia, P., Uceda, J. A neural control of power factor preregulators 90152
Simonetti, E. *see* Giorgi, L. 60433
Simoni, E. *see* Lou, L. 72378
Simoni, E. *see* Meichenin, D. 72786
Simoni, N. *see* Arsenis, S. 51783
Simoni, N. *see* Calvignac, G. 58225
Simoni, N. *see* Sclavos, J. 51986
Simoni, N. *see* Sclavos, J. 65384
Simoni, R. *see* Kuskin, J. 49475
Simonian, A. *see* Bensaou, B. 65513
Simonis, G.J. *see* Birch, J.R. 76149
Simonis, J. The effective length of subcodes 83979
Simonne, J.J. *see* Bauer, F. 52866
Simonot, F. *see* Cardeira, C.B. 58207
Simonov, K.V. *see* Pytkin, Yu.N. 53872
Simonova, T.V. *see* Voronkov, V.V. 54820
Simonova, T.V. *see* Voronkov, V.V. 61316
Simons, D. *see* Thompson, P.E. 61247
Simons, D.A., Clark, C.C., Kerr, J., Massey, S., Smith, S., Toomey, D. Canada-France-Hawaii telescope near infrared camera project 66426
Simons, D.S. *see* Rao, M.V. 71289
Simons, J.K. *see* Niwano, M. 62465
Simons, J.P. *see* La Tulipe, D.C. 81645
Simons, L.M. *see* Horvath, D. 53123
Simons, N. *see* Mukerji, R. 78047
Simons, N.R.S., Bridges, G.E., Podaima, B.W., Sebak, A.R. Cellular automata as an environment for simulating electromagnetic phenomena 83594
Simons, N.R.S. *see* Krumpholz, M. 73414
Simons, P. *see* Park, B. 85543
Simons, P.W. *see* Deutsch, R.W. 78971
Simons, R.E. *see* Chrysler, G.M. 91071
Simons, R.E. *see* Chu, R.C. 79403
Simons, R.E. *see* Chu, R.C. 79404
Simons, R.N. Novel coplanar stripline to slotline transition on high resistivity silicon 49625
Simons, R.N., Lee, R.Q. Spatial frequency multiplier with active linearly tapered slot antenna array 73534
Simons, R.N., Lee, R.Q. Spatial frequency multiplier with active linearly tapered slot antenna array 83873
Simons, R.N., Taub, S.R., Lee, R.Q., Young, P.G. Microwave characterization of slot line and coplanar strip line on high-resistivity silicon for a slot antenna feed network 73566
Simons, R.N. *see* Young, P.G. 81935
Simonsen, C.J. Mine locating and disposal: the need for real-time scanning sonars 99395
Simonsen, H.R., Brand, U., Riehle, F. Intercomparison of two iodine-stabilized He-Ne lasers at $\lambda = 543$ nm 86873
Simonsson, P. *see* Rydler, K.-E. 86891
Simonton, R.B. *see* Shyh-Horng Yang 81440
Simonyi, G. *see* Galluccio, A. 79608
Simopoulos, C. *see* Antilogus, P. 59064
Simopoulos, C. *see* Antilogus, P. 59127
Simopoulous, C. *see* Abe, K. 88115
Simos, T.E., Dimas, E., Sideridis, A.B. A Runge-Kutta-Nystrom method for the numerical integration of special second-order periodic initial-value problems 91382
Simote, H. *see* Murakawa, T. 89635
Simova, E., Kavehrad, M. Holographic 4×4 star coupler fabricated in silver-halide gelatin 56966
Simova, E., Kavehrad, M. Holographic 4×4 star-coupler fabricated in silver-halide sensitized gelatin 56967
Simova, E., Yun, G., Kavehrad, M. Holographic star coupler based on Bragg degeneracy effect 50978
Simovich, S., Mehrotra, S., Franzon, P., Steer, M. Delay and reflection noise macromodeling for signal integrity management of PCBs and MCMs 55081
Simovich, S. *see* Franzon, P. 54531
Simovich, S. *see* Franzon, P. 91030
Simpkin, R. *see* Lockyer, D. 73557
Simpkins, P.G. *see* Lin, A.W. 91010
Simpkins, S. *see* Watson, D. 92426
Simpson, B.R.S., Meyer, B.R. Standardization and half-life of ^{201}Tl by the 4π (x,e)-γ coincidence method with liquid scintillation counting in the 4π-channel 59102
Simpson, D.E. *see* Fleming, J.S. 88449
Simpson, D.I. Computerized techniques for calibrating pressure balances 66744
Simpson, D.M. *see* Schlindwein, F.S. 76963
Simpson, I. Engineering education in Europe 60781
Simpson, J. *see* Chojnacki, E. 67073
Simpson, J. *see* Gai, W. 72996
Simpson, J. *see* Kawakami, Y. 72871
Simpson, J. *see* Mullins, J.T. 71302
Simpson, J. *see* Power, J. 71030
Simpson, J. *see* Schoessow, P. 76364
Simpson, J. *see* Williams, G.M. 81319
Simpson, J.J., Gobat, J.I. Robust velocity estimates, stream functions, and simulated Lagrangian drifters from sequential spacecraft data 88791
Simpson, J.J., Yhann, S.R. Reduction of noise in AVHRR channel 3 data with minimum distortion 77296
Simpson, J.R., Wysocki, P.F., Broer, M.M., Atkins, R.M., Lemaire, P.J. Defect engineering in doped silica fiber: are there good and bad defects? 56720
Simpson, J.R. *see* Lee, D. 86476
Simpson, J.R. *see* Wysocki, P.F. 56728
Simpson, J.R. *see* Wysocki, P.F. 83030
Simpson, K.D. *see* Miller, M.A. 89259
Simpson, M. *see* Davis, R. 99144
Simpson, M. *see* Di-Son Kuo 70517
Simpson, M.L. *see* Britton, C.L. 71809
Simpson, M.L. *see* McElhaney, S.A. 58992
Simpson, M.L. *see* Rochelle, J.M. 70797

Simpson, P.J., Umlor, M.T., Lynn, K.G., Rodbell, K.P. Early stages of void formation in Al-Cu lines studied using positron annihilation 71410
Simpson, R. *see* Ross, N.W. 89135
Simpson, R.B. Anisotropic mesh transformations and optimal error control 48887
Simpson, R.B. Testing for effects of asymmetry and instability on preconditioned iterations of conjugate gradient type 79705
Simpson, R.H. Harmonic current flow using the admittance matrix method 77877
Simpson, R.R.S. *see* Tumay, M. 99780
Simpson, T.B., Liu, J.M. Spontaneous emission, nonlinear optical coupling, and noise in laser diodes 94512
Simpson, T.B., Liu, J.M., Gavrielides, A., Kovanis, V., Alsing, P.M. Period-doubling route to chaos in a semiconductor laser subject to optical injection 72792
Simpson, T.B. *see* Jia-Ming Liu 63834
Simrock, S. *see* Crawford, K. 76580
Simrock, S. *see* Perry, J. 76459
Simrock, S.N., Kazimi, R., Krafft, G.A., Menninga, L., Ninan, L., Witherspoon, S. Phasing schemes for the CEBAF cavities 67045
Simrock, S.N. *see* Krafft, G.A. 76507
Simrock, S.N. *see* Merminga, L. 87873
Simrock, S.N. *see* Rui Li 76530
Sims, G.R. *see* Damento, M.A. 66473
Sims, J.R., Dominguez, T., Northington, T.E., Pacheco, M.D., Rickel, D.G., Robinson, E.L., Rogers, J.D., Schillig, J.B. Prototype tests and description of a 60 tesla quasi-continuous magnet 83550
Sims, J.R., Hill, M.A., Walsh, R.P. Developments in materials for high-field magnets 83551
Sims, J.R. *see* Campbell, L.J. 83552
Sims, J.R. *see* Pernambuco-Wise, P. 83553
Sims, J.R. *see* Schillig, J.B. 83536
Sims, R.E. *see* Jaffery, T.S. 76656
Sims, S.R.F. *see* Mahalanobis, A. 51647
Sims, S.R.F. *see* Mahalanobis, A. 64850
Sims, S.R.F. *see* Mahalanobis, A. 74359
Simsa, Z., Zemek, J., Simsova, J., de Haan, P., Lodder, C. Kerr rotation and XPS spectra of Co/Pd multilayers 72031
Simsa, Z. *see* Kawai, Y. 72075
Simsova, J. *see* Simsa, Z. 72031
Simunic, D. *see* Koren, Z. 99008
Simunic, J. Electric power system event analysis using modular information structure 53615
Simunic, Z. Simulation of the real commutation process in a DC machine 90016
Sin, L.K. *see* Goodman, C.J. 54220
Sin, Y.K. *see* Mamijoh, T. 63781
Sin Eam Tan, Inoue, T., Ueno, F. A capacitor-error-free SC voltage inverter with zero sensitivity to element-value variations 92363
Sin Kyusik *see* Kyusik Sin
Sin-Chong Park *see* Hyung-Ho Park 93184
Sin-Chong Park *see* Yong-Ho Oh 71456
Sin-Chong Park *see* Young Jin Jeon 55953
Sin-Horng Chen *see* Chii-Jen Chung 64385
Sin-Horng Chen *see* Saga Chang 84171
Sin-Horng Chen *see* Yih-Ru Wang 64395
Sinadinovski, G. *see* Grozdanov, I. 91545
Sinaki, G. C-17A mission computer internal built-in test and I-level fault logging 59497
Sinclair, A. *see* Catchpole, I. 65942
Sinclair, A.J., Ferreira, J.A., van Wyk, J.D. A systematic study of EMI reduction by physical converter layout and suppressive circuits 90156
Sinclair, B.D. *see* Hong, J. 63735
Sinclair, C. A coplanar waveguide 6-18 GHz instantaneous frequency measurement unit for electronic warfare systems 88921
Sinclair, C. *see* Liu, H. 83184
Sinclair, C. *see* Thompson, V. 77792
Sinclair, C.K. *see* Kazimi, R. 67157
Sinclair, C.K. *see* Sereno, N.S. 87902
Sinclair, D., Blake, A. Isoperimetric normalization of planar curves 74565
Sinclair, D., Blake, A., Smith, S., Rothwell, C. Planar region detection and motion recovery 84649
Sinclair, D. *see* Manos, G.K. 76935
Sinclair, G.N. *see* Hamilton, M.W. 72710
Sinclair, I. *see* Dakin, J.P. 87254
Sinclair, I.D. *see* Van Domselaar, N. 66076
Sinclair, J.D. *see* Muller, A.J. 93109
Sinclair, M. On the differences between the engineering and scientific methods 69395
Sinclair, M. *see* Stevens, R. 86207
Sinclair, M.B. *see* Dimes, D. 82529
Sinclair, M.B. *see* Dimos, D. 93753
Sinclair, M.C. Improved model for European international telephony traffic 85584
Sinclair, M.C. *see* Stevens, R.D. 65600
Sinclair, M.W., Williams, G.L. Complex microwave noise parameter measurement using a coaxial radiometer 53041
Sinclair, R. *see* Bertero, G.A. 63130
Sinclair, R. *see* Bertero, G.A. 63240
Sinclair, R. *see* Konno, T.J. 62141
Sinclair, R. *see* Ranjan, R. 63181
Sinclair, T.K. *see* Allen, R.W., Jr. 62000
Sindelar, J. *see* Lachout, P. 61113
Sinden, J. Network ACD enhanced information services 96541
Sinder, M. *see* Pelleg, J. 81436
Sindhu, P., Frailong, J.-M., Gastinel, J., Cekleov, M., Yuan, L., Gunning, B., Curry, D. XDBus: a high-performance, consistent, packet-switched VLSI bus 74705
Sindhu R., C. *see* Prakash, O. 72591
Sindic, G. *see* Muller, G. 99335
Sindler, Yu.B., Kamayeva, M.Ye., Kukebayev, A.M. On minimizing the information losses associated with restrictions of the elemental base in promising wideband signal transmission systems 84340
Sindoukas, D.I., Fotopoulos, S., Gabbouj, M. Performance evaluation and behavior of the floating-point 16 kb/s LD-CELP coder in noisy channels 96872
Sinegovski, S.I. *see* Belolaptikov, I.A. 59156
Sinel'shchikov, V.A. *see* Gerasimov, Yu.V. 63642
Sinervo, P.K. *see* Stairs, G. 76839
Sing, M.Lam Chok *see* Lam Chok Sing, M.
Sing, M.L.C. *see* Langlois, P. 94031
Sing, M.L.Chok *see* Chok Sing, M.L.
Sing Lau Buon *see* Buon Sing Lau
Sing-Mo Tzeng *see* Jairath, R. 71338
Singaby, M.I.El *see* El Singaby, M.I.
Singer, E., Duveneck, G.L., Ehrat, M., Widmer, H.M. Fiber optic sensor for oxygen determination in liquids 66503
Singer, E. *see* Lippmann, R.P. 51557
Singer, E. *see* Lippmann, R.P. 73824
Singer, H., Sagayama, S. Pitch dependent phoneme modelling for HMM-based speech recognition 51379
Singer, H., Sagayama, S. Matrix parser and its application to HMM-based speech recognition 84033
Singer, H. *see* Aikawa, K. 84118
Singer, H. *see* Bruhs, H.-D. 57206
Singer, H. *see* Gutfleisch, F. 68278
Singer, J.L. *see* Huang, H.C. 80781
Singer, K.D. *see* Hubbard, S.F. 73065
Singer, K.D. *see* Khaydarov, J.D.V. 63955
Singer, K.D. *see* Khaydarov, J.D.V. 83316
Singer, K.D. *see* Kowalczyk, T.C. 82629
Singer, K.E. *see* Figielski, T. 81282
Singer, N. *see* De La Fuente, L.A. 96503
Singer, N. *see* Lapierre, M. 96493
Singer, P. Cluster tool communications: MESC is back 79271
Singer, P. Chemical-mechanical polishing: a new focus on consumables 81487
Singer, P. Directions in dielectrics in CMOS and DRAMs 82071
Singer, P. The interconnect challenge: Filling small, high aspect ratio contact holes 93265
Singer, P.A., Dea, J.Y., Cain, K.J., Schlosser, T. Technology advances in VLF/LF atmospheric noise generation and characterization far laboratory use 94881
Singer, P.A. *see* Sworder, D.D. 95967
Singer, S., Erickson, R.W. Power-source element and its properties 61509
Singh, A. Principal components analysis in remote sensing 67765
Singh, A., Chen, R. A new digital recorder for ambulatory ECG 76875
Singh, A., Cova, P., Masut, R.A. Reverse I-V and C-V characteristics of Schottky barrier type diodes on Zn doped InP epilayers grown by metalorganic vapor phase epitaxy 81772
Singh, A. *see* Chao-Tang Mao 98915
Singh, A. *see* Ehrlich, D. 53548
Singh, A. *see* Hardy, C.R. 99856
Singh, A. *see* May, R.S. 68385
Singh, A. *see* Selvaduray, G. 48693
Singh, A. *see* Singh, R.N. 58842
Singh, A. *see* Weng, J. 84710
Singh, A.D., Hurst, J.P. Incorporating IDDQ testing in BIST: improved coverage through test diversity 49398
Singh, A.K., Singh, K.S., Khastgir, P., Ojha, S.P., Singh, O.N. Modal cutoff condition of an optical chiral fiber with different chiralities in the core and the cladding 72332
Singh, A.K. *see* Lachs, G. 75462
Singh, B. Performance analysis of a switched reluctance motor drive 100837
Singh, B., Singh, B.N., Saxena, R.B. Design optimization of current source inverter fed squirrel cage induction motor 78615
Singh, B. *see* Bhatnagar, P. 72675
Singh, B. *see* Dixit, S.K. 72947
Singh, B. *see* Farrar, N.R. 81702
Singh, B. *see* Ghorashi, A.H. 78518
Singh, B. *see* Shridhar, L. 78617
Singh, B. *see* Singh, B.N. 54183
Singh, B. *see* Sun, H.C. 55765
Singh, B.N., Singh, B., Singh, B.P. Performance analysis of a closed-loop field oriented cage induction motor drive 54183
Singh, B.N. *see* Singh, B. 78615
Singh, B.P. *see* Ghorashi, A.H. 78518
Singh, B.P. *see* Kanjilal, A.K. 93551
Singh, B.P. *see* Shridhar, L. 78617
Singh, B.P. *see* Singh, B.N. 54183
Singh, C., Gubbala, N. Reliability evaluation of interconnected power systems including jointly owned generators 59780
Singh, C., Gubbala, N., Gubbala, N. Reliability analysis of electric supply including standby generators and an uninterruptible power supply system 88964
Singh, C., Gubbala, N.V. Reliability analysis of electric supply including standby generators and uninterruptible power supply system 67979
Singh, C., Kim, J.O. A continuous, distribution approach for production costing 89007
Singh, C. *see* Fockens, S. 53847
Singh, C. *see* Fockens, S. 99452
Singh, C. *see* Gubbala, N. 53628
Singh, C. *see* Gubbala, N. 77941
Singh, C. *see* Pathak, R. 99622
Singh, C.D. *see* Gupta, B.D. 58804
Singh, C.D. *see* Gupta, B.D. 76011
Singh, D. *see* Sarin, S.S. 70882
Singh, D.P. *see* Pal, B.B. 56533
Singh, G. Leader election in complete networks 96637
Singh, G. *see* Virk, H.S. 87977
Singh, G.K. Six-phase synchronous alternator mathematical modelling & transient analysis 78594
Singh, G.K., Bhist, T.D., Paliwal, L.N. Modeling and analysis of symmetrical six-phase induction motor with single phase rotor based on primitive machine model 78623
Singh, G.P. *see* Hiller, B. 72164
Singh, H., Alvarado, F.L. Weighted Least Absolute Value state estimation using interior point methods 88944
Singh, H., Sirkis, J.S. Direct extraction of phase gradients from Fourier-transform and phase-step fringe patterns 84719
Singh, H. *see* Bhama, S. 57748
Singh, H. *see* Johnson, B.K. 89205
Singh, H. *see* Mahalanobis, A. 51546
Singh, H. *see* Sidhu, T.S. 99767
Singh, J. Microstructural evolution of diamond growth during HFCVD 61407
Singh, J. Quantum-well perfection requirements for large-scale applications of exciton-base devices 63516
Singh, J. Novel techniques for selective diamond growth on various substrates 91574
Singh, J., Vellaikal, M. Microstructural evolution of diamond growth on iron silicide/silicon substrates by hot filament chemical vapor deposition 91624
Singh, J. *see* Ahuja, G.S. 53631
Singh, J. *see* Hinckley, J.M. 81207
Singh, J. *see* Keesoo Yeom 55584
Singh, J. *see* Kung Wang 91427
Singh, J. *see* Lam, Y.L. 94479
Singh, J. *see* Pollard, J.K. 57934
Singh, J. *see* Robertson, B. 53623
Singh, J. *see* Tylavsky, D.J. 59671
Singh, J. *see* Vurgaftman, I. 63854
Singh, J. *see* Vurgaftman, I. 83115
Singh, J. *see* Vurgaftman, I. 83153
Singh, J. *see* Willatzen, M. 63790
Singh, J. *see* Yeeloy Lam 72816
Singh, J. *see* Yoon, H. 63842
Singh, J. *see* Zia, O. 82708
Singh, K., Asiamah, S. Study of classical Hall effect in an amorphous As_2S_3 semiconducting glass 81249
Singh, K. *see* Boardman, A.D. 50538
Singh, K. *see* Roy, A. 56899
Singh, K.P., Venkatesan, R. Performance evaluation of different buffering schemes for balanced-gamma networks 96156
Singh, K.P. *see* Mukherjee, P.K. 77726
Singh, K.S., Choudhury, P.K., Khastgir, P., Ojha, S.P. Propagation through a chiral medium partially cladded by a parabolic cylindrical metal boundary 73249
Singh, K.S. *see* Singh, A.K. 72332
Singh, L.P. Digital protection of high voltage electric transmission system 68299
Singh, M. *see* Martin, J.B. 88270
Singh, N. Recursive estimation of time-dependent reliability 54580
Singh, N. Link design considerations in optical fiber communication systems 86425
Singh, N., Morel, O.E., Singh, S.K., Rodenbaugh, T.J. The condition monitoring of fluid-filled taped cables employed in underground transmission through dissolved gas analysis 89274
Singh, N., Oesch, F. Practical experience with rule-based on-line topology error detection 53638
Singh, N., Oesch, F. Practical experience with rule-based on-line topology error detection 77952
Singh, N., Vij, D.R. Luminescence and related properties of magnesium sulphide phosphors 94258
Singh, N.B. *see* Gottlieb, M. 82756
Singh, O. Electron beam stability and beam peak to peak motion data for NSLS X-ray storage ring 76472
Singh, O. *see* Friedman, A. 76481
Singh, O.N. *see* Singh, A.K. 72332
Singh, O.N., II *see* Singh, U.N. 94075
Singh, P., Landis, D.L. Optimal chip sizing for hybrid-WSI 49726
Singh, P., Landis, D.L. Optimal chip sizing for multi-chip modules 81094

Singh, P. *see* Garg, R.L. 61075
Singh, P.K., Cochrane, R.S., Borrego, J.M., Rymaszewski, E.J., Lu, T.M., Chen, K. High frequency measurement of dielectric thin films 87487
Singh, R., Baliga, B.J. Cryogenic operation of p-i-n power rectifiers 55879
Singh, R., Baliga, B.J. Cryogenic operation of P-i-N power rectifiers 81798
Singh, R., Juge, A., Joly, R., Mortin, G. An investigation into the nonquasistatic effects in MOS devices with on-wafer S-parameter techniques 49656
Singh, R., Knight, J. Concurrent testing in high level synthesis 55221
Singh, R., Singh, V.R. Smart sensors: a review 75916
Singh, R. *see* Brandt, M.S. 49852
Singh, R. *see* Chonghua Zhou 52927
Singh, R. *see* Pande, M.B. 80170
Singh, R. *see* Sankar, R. 85542
Singh, R. *see* Singh, R.A. 55581
Singh, R. *see* Socha, R.J. 62577
Singh, R. *see* Wait, M.A. 62379
Singh, R.A., Singh, R., Rao, O.S., Verma, S.M. Molecular semiconductors based on charge transfer complexes of some substituted phenothiazines with tetracyanoethylene 55581
Singh, R.C. *see* Miremadi, B.K. 98142
Singh, R.K., Tell, S.G., Bharrat, S.J. Programmable network interface for a message-based multicomputer 96740
Singh, R.K. *see* Basch, B. 85666
Singh, R.K. *see* Harkness, S.D. 91466
Singh, R.N., Negi, S.S., Sahay, A.K., Singh, A., Varughese, K.O.G., Walia, A.K. Mirage formation in the thermal region 58842
Singh, R.P., Sang-Hoon Lee, Chong-Kwoon Kim Jitter and clock recovery for periodic traffic in broadband packet networks 58032
Singh, R.P., Sinha, J.N. Simulation studies on pollution performance of insulators 99734
Singh, S., Dasgupta, K., Kumar, S., Manohar, K.G., Nair, L.G., Chatterjee, U.K. High-power high-repetition-rate copper-vapor-pumped dye laser 72709
Singh, S. *see* Dowling, M. 58038
Singh, S. *see* Gavrilovic, P. 83010
Singh, S. *see* Ghai, R. 86078
Singh, S. *see* Khanna, V.K. 74700
Singh, S. *see* Pal, B.B. 50672
Singh, S. *see* Ravishankar, K. 85230
Singh, S.K., Carr, W.F., Jr., Fagan, T.J., Jr., Hordubay, T.D., Chuboy, H.L. Compact cryogenic inductors 90055
Singh, S.K., Mishra, A.K. On the expected revenue of a production system subject to operator condition 61044
Singh, S.K. *see* Brown, P. 53459
Singh, S.K. *see* Singh, N. 89274
Singh, S.N., Srivastava, S.C., Kalra, P.K., Rao, M.V. Voltage and reactive power distribution factors for line, transformer and generator outage studies 59694
Singh, S.N. *see* Basu, P.K. 54151
Singh, S.N. *see* Basu, P.K. 78832
Singh, S.P., Irani, F.D., Punwani, S.K. Truck suspension specification for automobile transport 54222
Singh, S.P., Tiwari, T., Tiwari, V.N., Jha, R.K. Radiation patterns of metal and dielectric wall diagonal horn antennas 73510
Singh, S.V. *see* Sawhney, B.K. 73328
Singh, T., Dewan, S.B. Modelling and control of a high power pulse width modulated synchronous rectifier 68734
Singh, U. *see* Chen, C.Y.R. 50051
Singh, U.N., Singh, O.N., II, Chaubey, V.K., Khastgir, P., Dey, K.K. Theoretical analysis of cut-off condition of doubly-clad optical fiber with helically conducting outer boundary 94075
Singh, V.B. *see* Gupta, O.P. 53786
Singh, V.B. *see* Gupta, O.P. 53829
Singh, V.K., Shaqfeh, E.S.G., McVittie, J.P. Study of silicon etching in CF_4/O_2 plasmas to establish surface re-emission as the dominant transport mechanism 93195
Singh, V.P. *see* Aguilera, A. 87386
Singh, V.P. *see* Britton, J.D. 66637
Singh, V.P. *see* Pandey, M. 61043
Singh, V.R., Yadav, S. Design and fabrication of a new piezoelectric bone strain gauge 87091
Singh, V.R. *see* Singh, R. 75916
Singh, V.V.P., Chander, S., Joshi, L.M., Sinha, A.K., Bandopadhyay, H.N. On the electrical design of pill-box type high power microwave window 55380
Singh, Y.P., Maas, H., Edler, F., Zaidi, Z.H. Correlation between the resistance ratios of platinum resistance thermometers at the melting point of gallium and the triple point of mercury 66712
Singh, Y.P. *see* Ahmad, N. 85760
Singh Bajwa, R., Owens, R.M., Irwin, M.J. Area time trade-offs in micro-grain VLSI array architectures 82043
Singh Hura, G. Globalization of multi-disciplinary project management 69453
Singh Jai *see* Jai Singh
Singh Jaswant *see* Jaswant Singh
Singhal, G.K. *see* Jain, V.K. 55635
Singhal, R.P. *see* Clark, A. 88763
Singhal, V. *see* Pixley, C. 91833
Singhi, N.M. *see* Iyengar, S. 74996
Singhi, N.M. *see* Ray-Chaudhuri, D.K. 83999
Singhvi, N.K. *see* Ghose, K. 50628
Singler, T.J. *see* Powers, T.A. 79977
Singleton, E.W., Tang, Z.X., Hadjipanayis, G.C., Papaefthymiou, V. Effect of nitrogen and methane on the structural and magnetic properties of RFe_2 (R=Y, Tb and Dy) 50202
Singleton, J. *see* Leadley, D.R. 81280
Singovsky, A.V. *see* Buyanov, O.V. 98501
Singsaas, A.L. *see* Hibbs, A.D. 82395
Sinha, A.K., Roy, L., Srivastava, H.N.P. A decoupled second order state estimator for AC-DC power systems 88945
Sinha, A.K. *see* Beinglass, I. 91584
Sinha, A.K. *see* Chadha, P.R. 95072
Sinha, A.K. *see* Kartikeyan, M.V. 55516
Sinha, A.K. *see* Kumar, L. 71052
Sinha, A.K. *see* Narayanan, M.M. 87633
Sinha, A.K. *see* Singh, V.V.P. 55380
Sinha, A.P. *see* Biswas, B.N. 70879
Sinha, B.K. *see* Das, B.N. 57155
Sinha, D., Tewfik, A.H. Low bit rate transparent audio compression using a dynamic dictionary and optimized wavelets 75778
Sinha, D. *see* Dougherty, E.R. 73982
Sinha, D. *see* Ramabadran, T.V. 51391
Sinha, G. *see* Desai, S.R. 74853
Sinha, H. *see* Heddaya, A. 52022
Sinha, J.N. *see* Singh, R.P. 99734
Sinha, K. *see* Nelson, A.J. 69923
Sinha, N.D., Haddad, R.A. Symmetric basis functions and their unitary transforms 85048
Sinha, S. Gain saturation in single pass and double pass optically pumped laser amplifiers 50727
Sinha, S. *see* Mallik, K. 81236
Sinha, S.K. *see* Huynh, C.-L. 69644
Sinha, S.N. *see* Merchant, N. 63275
Sinha, S.P., Zaleski, A., Ioannou, D.E., Brady, F. Generation lifetime measurements in fully depleted enhancement and accumulation mode SOI MOSFETs 93459
Sinha Pranesh *see* Pranesh Sinha
Sinha Ray, K.C. *see* Srivastava, H.N. 83682
Sinharoy, S. *see* Lampe, D.R. 61688
Sinichkin, Yu.P. *see* Utts, S.R. 88363
Sinil'nikov, A.M. *see* Berestetskiy, A.A. 66019
Sinilschikova, I.V. *see* Bogachenkov, V.A. 50717
Siniscalchi, P. Design and analysis of programmable on-chip frequency synthesizers 91931
Sinitski, R.E. *see* Chang, D.D. 92793
Sinitskii, L.A. *see* Zayats, V.M. 80183
Sinitsyn, A.K. *see* Kurayev, A.A. 49750
Sinitsyn, D.V. *see* Afanas'ev, L.A. 73087
Sinitsyn, N.I. *see* Borodina, I.A. 71211
Sinitsyn, S.V. Reflecting X-ray measurement of film thickness 87500
Sinke, W.C. *see* Burgers, A.R. 100482
Sinke, W.C. *see* Leguijt, C. 94252
Sinke, W.C. *see* Lolgen, P. 100644
Sinke, W.C. *see* Mijnarends, P.E. 78834
Sinke, W.C. *see* Weeber, A.W. 81491
Sinkevich, O.A. *see* Glazkov, V.V. 78836
Sinkjaer, T. *see* Haugland, M.K. 67590
Sin'kov, A.G. *see* Grechko, E.N. 88983
Sinkovic, V. Dynamic capacity assignment to the multimedia information in an ATM network 96162
Sinnecker, E.H.C.P. *see* Gama, S. 50216
Sinnecker, J.P., Turtelli, R.S., Knobel, M., Saenger, J.F. A system for AC low fields magnetic characterization of soft magnetic materials 76171
Sinnecker, J.P. *see* Allia, P. 72004
Sinniah, R. *see* Yeo, T.T.E. 85137
Sinnott, J. *see* Fenker, H. 67313
Sinnott, S.B., Colton, R.J., White, C.T., Brenner, D.W. Surface patterning by atomically-controlled chemical forces: molecular dynamics simulations 81688
Sinoyannis, S.F., Lowy, M.G. Service element-based operations requirements 51994
Sinta, R. *see* Cronin, M.F. 81631
Sinton, R.A., Verlinden, P.J., Crane, R.A., Swanson, R.M., Tilford, C., Perkins, J., Garrison, K. Large-area 21% efficient Si solar cells 100629
Sinton, R.A. *see* Tilford, C.L. 100724
Sinton, R.A. *see* Verlinden, P.J. 100613
Sintonen, L. *see* Pranevitchius, H. 65081
Sinttruyen, J.S.van *see* van Sinttruyen, J.S.
Sinyakov, A. *see* Koucheryavy, A. 85573
Sinyavskii, A.V. A shaper of a circular laser beam 50901
Sinyavskii, A.V. Photoresistor technique for measuring a light-beam diameter 53049
Sinyavsky, Y.V., Brodyansky, V.M. Experimental testing of electrocaloric cooling with transparent ferroelectric ceramic as a working body 82186
Sinyukov, A.M. *see* Shelkovnikov, V.V. 57018
Sinzinger, S. *see* Bahr, J. 82686
Sion, R.P., Atkinson, J.K., Turner, J.D. A novel model for the temperature characteristic of a thick-film piezoresistive sensor 66197
Sion, R.P., Turner, J.D., Atkinson, J.K. The design of a novel accelerometer for automotive applications using thick-film transduction 69176
Sion, R.P. *see* Atkinson, J.K. 66207
Siong Chau Fook *see* Fook Siong Chau
Siong Hun Yi *see* Minsoo Hahn 73905
Siong Ng Kang *see* Ng Kang Siong
Sioshansi, F.P. Restraining energy demand: the stick, the carrot, or the market 68085
Siou Teck Chew, Tak Kit Tong, Wu, M.C., Itoh, T. An active phased array with optical input and beam-scanning capability 95015
Siou Teck Chew *see* Jenshan Lin 95017
Sipahi, S. *see* Hessenmuller, H. 86797
Sipahi, S. *see* Hessenmuller, H. 97634
Sipe, J.E. *see* Mizrahi, V. 58396
Sipe, J.E. *see* Morton, P.A. 56750
Sipek, E. *see* Hlinomaz, P. 62143
Sipila, H. *see* Butler, J.F. 59236
Sipila, H. *see* Niemela, A. 88330
Sipila, H. *see* Niemela, A. 98599
Sipila, K., Wistbacka, M., Vaatainen, A. Compressed air energy storage in an old mine 78841
Sipila, M. *see* Lunden, O.-P. 80797
Sipitca, M., Madisetti, V.K. Low-power signaling in asymmetric noisy channels via spectral shaping 86124
Sipola, H., Seppa, H., Mansten, T. Design and optimization of range resistors for a multijunction thermal converter 86894
Sipola, K. *see* Makisara, K. 77580
Sipos, A. *see* Jereb, L. 85366
Sippach, W. *see* Benary, O. 98517
Sippach, W. *see* Christian, D.C. 59094
SippensGroenewegen, A. *see* Kemmelings, J.G.C. 88488
Sipus, Z., Bartolic, J., Bonefacic, D., Tomek, M. Input impedance analysis of microstrip antennas 95004
Sipus, Z., Bartolic, J., Milin, Z. On symmetry in microstrip antenna analysis 73507
Siqueira, G.L., Cole, R.S. Spectral ratio, coherence function and probability density function of amplitude scintillation on a millimetric wave signal 73352
Siqueira, G.L. *see* Thomas, H.J. 51112
Siquet, L. Estimation of the energy flux injected into a circuit-breaker electrode, from temperature measurements in the core of the metal 54118
Sira-Ramirez, H., Prada-Rizzo, M.T. Pulse width modulated control of the full bridge buck converter 55119
Sira-Ramirez, H., Prada-Rizzo, M.T. Dynamical compensator design for a PWM controlled full-bridge power converter 68884
Siratori, Y. *see* Kumagai, M. 97843
Sirdeshmukh, D.B. *see* Ateequddin, M. 76866
Sire, P., Rizo, P., Martin, M. X-ray cone beam CT system calibration 55021
Sirenko, N.N. *see* Sebko, V.V. 55018
Sirenko, N.N. *see* Sebko, V.V. 83516
Sirenko, V.A. *see* Nechiporenko, I.N. 94757
Sirenko, Yu.K. *see* Krutin', Yu.I. 57079
Sirgany, W.N., Mazel, D.S. Correlation effects of fractal compression 95555
Siri, A.S. *see* Calzona, V. 97972
Siri, K., Caliskan, V., Batarseh, I. PWM zero-voltage switching single-ended current-fed converters with output isolation 68791
Siri, K. *see* Batarseh, I. 49137
Siri, K. *see* Batarseh, I. 100298
Siri, K. *see* Khan, A.F. 90193
Siri, K. *see* Needham, B.R. 67734
Siri, K. *see* Wu, T.F. 100309
Sirisena, H.R. *see* Hartanto, F. 75094
Sirkis, J., Putnam, M.A., Berkoff, T.A., Kersey, A.D., Friebele, E.J., Jones, R.T., Brennan, D. In-line fiber etalon (ILFE) for internal strain measurement 98059
Sirkis, J., Putnam, M.A., Berkoff, T.A., Kersey, A.D., Friebele, J., Jones, R.T., Brennan, D. Development of a structurally embedded in-line fiber etalon for internal strain measurement 52932
Sirkis, J. *see* Davis, M.A. 98056
Sirkis, J.S., Chang, C.C., Smith, B.T. Low velocity impact of optical fiber embedded laminated graphite/epoxy panels. Part I: macro-scale 91664
Sirkis, J.S., Lo, Y.L., Nielsen, P.L. Phase-strain model for polarimetric strain sensors based on fictitious residual strains 87243
Sirkis, J.S., Shaw, K., Berkoff, T.A., Kersey, A.D., Friebele, E.J., Jones, R.T. Development of an impact detection technique using optical fiber sensors and neural networks [Space structure health monitoring] 99042
Sirkis, J.S. *see* Chang, C.C. 98073
Sirkis, J.S. *see* Lo, Y.L. 98053
Sirkis, J.S. *see* Lo, Y.L. 98071
Sirkis, J.S. *see* Singh, H. 84719
Sirkis, J.S. *see* Woodruff, M.W. 91674
Sirkova, I.D. *see* Popov, A.P. 64181
Sirmain, G. *see* Meny, C. 75969
Sirois, R.H., Boyle, J.C., Zilberstein, V.A., Uhl, G. Natural gas conversion: impact on boiler material reliability—a case study 89648
Sirois, Y. *see* Barrelet, E. 67352
Siroky, K., Jiresova, J., Hudec, L. Iron oxide thin film gas sensor 66584
Sirola, M. Generating strategies for managing accidents 53885

Sirotinin, Yu.V. *see* Baigarin, K.A. 98718
Sirovica, D. *see* Cain, M. 85588
Sirringhaus, H., Lee, E.Y., von Kanel, H. Hot carrier scattering at interfacial dislocations observed by ballistic-electron-emission microscopy 81343
Sirtori, C. *see* Capasso, F. 73028
Sirtori, C. *see* Faist, J. 50869
Sirtori, C. *see* Faist, J. 56799
Sirtori, V. *see* Lapasin, R. 70997
Siryapina, L.A. *see* Kritskii, V.G. 89479
Sisa, E.M., Reh, J. New RISC processor control for direct drive sheeters 79057
Sisavic, M.F. *see* Molander, E.A. 60987
Sisco, F. *see* Graf, O. 52127
Sisodia, R.S. *see* Zahra, S.A. 60842
Sissakian, A. *see* Perelstein, E. 76542
Sissakian, E.V., Shafeev, G.A. Laser-induced metallization of $LiNbO_3$ 71409
Sistani, B.B. *see* Haimov, S. 77520
Sistla, P. *see* Huang, Y. 65343
Sisto, R. *see* Marsan, M.A. 74991
Sita, D. Target detection in SLAR images 74237
Sita, D. *see* Sood, C.K. 77777
Sitar, Z., Smith, L.L., Davis, R.F. Interface chemistry and surface morphology in the initial stages of growth of GaN and AlN on α-SiC and sapphire 69945
Sitaram, A.R. *see* Hayden, J.D. 63040
Sitaram, A.R. *see* Perera, A.H. 62551
Sitaram, V.S., Chien-Min Huang, Israelsen, P.D. Efficient codebooks for vector quantization image compression with an adaptive tree search algorithm 95992
Sitas, V.I., Streker, E. Practical experience of consulting firms such as LINDeN of Great Britain in the field of energy conservation and ecology 99823
Sitas, V.I. *see* Anokhin, A.B. 89420
Sitati, R.W. *see* McCarthy, D.K. 83665
Sitch, J. *see* Zhang, Q.M. 93332
Sites, J.R. *see* Eisgruber, I.L. 90441
Sites, J.R. *see* Liu, X.X. 100493
Sites, J.R. *see* Liu, X.X. 100510
Sites, J.R. *see* Sasala, R.A. 100653
Sitnov, M.I. *see* Naumenko, E.D. 76289
Sitte, R., Dimitrijev, S., Harrison, H.B. The effect of dynamic design processing for yield enhancement in the fabrication of deep sub-micron MOSFET's 55965
Sitter, H. *see* Faschinger, W. 55706
Sitter, H. *see* Ferreira, S.O. 61301
Sitter, H. *see* Glanner, G.J. 70043
Sitter, H. *see* Lang, M. 61293
Sitz, G.O. *see* Gostein, M. 80121
Sitzman, G.L., Drescher, G.H. Tactical ballistic missiles trajectory state and error covariance propagation 67968
Siu, G.G. *see* Liang, M.J. 71552
Siu, G.G. *see* Luo, W.-G. 56107
Siu, J.L.J. *see* Lai Wai Kuen 84476
Siu, K.W. *see* Tam, W.K. 61548
Siu, M. *see* Denenberg, L. 73863
Siu, M. *see* Rohlicek, J.R. 84068
Siu, W.-C. *see* Chan, Y.-H. 84268
Siu, W.-C. *see* Ser, P.-K. 84942
Siu, W.C. *see* Man, G.M.T. 95657
Siu, W.C. *see* Man, G.M.T. 96099
Siu Kai-Yeung *see* Kai-Yeung Siu
Siu Li, M. *see* Scalvi, L.V.A. 50664
Siu Wan-Chi *see* Wan-Chi Siu
Siu Wing Cheng, Hsi-Chuan Chen, Du, D.H.C., Lim, A. The role of long and short paths in circuit performance optimization 61669
Siu-Wai Wu, Gersho, A. Joint estimation of forward and backward motion vectors for interpolative prediction of video 84776
Siva Kumar, P., Prabhu, K.M.M. A set of new fast algorithms for DCTs and DSTs 54652
Sivak, M., Sato, T., Flannagan, M.J. Effects of voltage drop on the rise time and light output of incandescent brake lamps on trucks 78998
Sivakov, A.G. *see* Joosse, K. 50399
Sivakumar, G. *see* Kaulavkar, N. 74997
Sivalingam, K.M. *see* Dowd, P.W. 65319
Sivaloganathan, S. *see* Evbuomwan, N.F.O. 54564
Sivaloganathan, S. *see* Katti, C.P. 48869
Sivan, Z., Malah, D. Change detection and texture analysis for image sequence coding 95792
Sivananthan, S. *see* Chen, Y.P. 91522
Sivananthan, S. *see* Yoo, S.S. 98011
Sivapathasundaram, D. *see* Turner, A.K. 100462
Sivaprakasapillai, P. *see* Yang, H. 73806
Sivaprakasapillai, P. *see* Yang, H. 95233
Sivarajan, K.N., Ramaswami, R. Lightwave networks based on de Bruijn graphs 58003
Sivarajan, K.N. *see* Ramaswami, R. 52614
Sivarajan, K.N. *see* Ramaswami, R. 65771
Sivaram, B.M., Nair, P., Joshi, M., Raina, J.P. In-situ loss determination in erbium-doped fiber lasers having different resonator configurations by studying relaxation oscillations 72779
Sivaram, B.M. *see* Joshi, M. 72778
Sivaram, S. *see* Ohkuni, M. 71378
Sivaram, S. *see* Tamaki, T. 93264
Sivaraman, M., Satrojwas, A.J. Towards incorporating device parameter variations in timing analysis 49318
Sivasankara Reddy, A. *see* Sony Roy, T. 61178
Sivasundaram, S. *see* Lakshmikantham, V. 54759
Sivasundaram, S. *see* Lakshmikantham, V. 54764
Sivazlian, F.R. *see* Fox, B.A. 69927
Sivco, D. *see* Chen, Y.K. 92546
Sivco, D. *see* Nichols, D.T. 75495
Sivco, D.L. *see* Belenky, G.L. 49801
Sivco, D.L. *see* Belenky, G.L. 62694
Sivco, D.L. *see* Belenky, G.L. 92545
Sivco, D.L. *see* Faist, J. 50869
Sivco, D.L. *see* Faist, J. 56799
Sivco, D.L. *see* Gunapala, S.D. 52849
Sivco, D.L. *see* Mastrapasqua, M. 63527
Sivco, D.L. *see* Ren, F. 56026
Sivco, D.L. *see* Schubert, E.F. 50689
Sivco, D.L. *see* Schubert, E.F. 82835
Sivco, D.L. *see* Sizer, T., II 63478
Sivco, D.L. *see* Tedesco, C. 93328
Sivers, E.A., Holloway, D.A., Ellingson, W.A. Predicting the performance of 3D X-ray computerized tomography systems 59269
Sivers, E.A. *see* Silver, M.D. 59239
Sivertsen, J.M. *see* Kyusik Sin 63183
Sivertsen, J.M. *see* Kyusik Sin 63200
Sivertsen, J.M. *see* Yeh, T.-A. 50310
Sivey, R. *see* O'Reilly, P. 85940
Sivoththaman, S., Rodot, M., Le Quang Nam, Sarti, D., Ghannam, M., Nijs, J. Spectral response and dark I-V characterization of polycrystalline Si solar cells with conventional and selective emitters 100481
Sivoththaman, S. *see* Barhdadi, A. 81182
Sivoththaman, S. *see* Ghannam, M.Y. 100620
Sivoththaman, S. *see* Ghannam, M.Y. 100623
Sivov, A.N., Chuprtn, A.D., Shatrov, A.D. Transmission wire-grid polarizers 83585
Sivov, A.N. *see* Shatrov, A.D. 83848
Siwczynski, M., Pasko, M. Minimization of energy losses on the transmission line 57154
Siwczynski, M., Pasko, M., Klosinski, R. Current minimization of the non-ideal voltage source with periodically time-varying parameters by means of an active compensator 55106
Siwen Zhang *see* Zhang Siwen
Siweris, H.J. *see* Bonani, F. 62888
Sixdorf, J., Lattmann, J. Triggering in measuring systems 66135
Sixiao Zheng, Guanqing Sun, Peilu Wang, Xiaodong Liao A small unbalanced magnetron sputtering source with multipole magnetic field anode 53242
Sixiao Zheng, Guanqing Sun, Peilu Wang, Zhongyang Liu, Jingyun Jiang, Xiaodong Liao Study of the improvement on the property and working life of Freeman source 53241
Sixiao Zheng *see* Zheng Sixiao
Sixing Liu *see* Changsheng Xu 97792
Sixing Zhou *see* Zhou Sixing
SiYang Gu *see* Gu SiYang
Siyeol Lee *see* Yunho Choi 49427
Siyeol Lee *see* Yunho Choi 70553
Siyong Xu *see* Jiayou Feng 91463
Siyuan Chen *see* Chen Siyuan
Siyuan Cheng *see* Cheng Siyuan
Siyuan Han *see* Lapointe, J. 63292
Siyuan Jiang *see* Kececioglu, D. 54625
Siyuan Li *see* Li Siyuan
Sizeland, E., Atkinson, J.K. The effect on response due to the addition of glass frit to tin oxide to form materials suitable for the screen printing of thick-film gas sensor arrays 87328
Sizeland, E. *see* Atkinson, J.K. 66207
Sizelove, J.R. *see* Look, D.C. 79787
Sizemore, A. *see* Delahoy, A.E. 90438
Sizer, T., II, Woodward, T.K., Keller, U., Sauer, K., Chiu, T.-H., Sivco, D.L., Cho, A.Y. Measurement of carrier escape rates, exciton saturation intensity, and saturation density in electrically biased multiple-quantum-well modulators 63478
Sizov, A.N. Relationship between spatial inhomogeneities of the pump and output power of lasers pumped by uranium fission fragments 72692
Sizov, F.F. *see* Tetyorkin, V.V. 58754
Sizov, O.V. *see* Prokofev, A.E. 83219
Sizykh, A.G. *see* Vorob'ev, A.A. 94671
Sjelvgren, D. *see* Skugge, G. 53716
Sjelvgren, D. *see* Skugge, G. 77841
Sjobbema, D.J.W. Step motors and their control 60253
Sjoberg, B.A. *see* Hejda, P. 71951
Sjoberg, J. *see* Eriksson, T. 73873
Sjoberg, S. *see* Nilsson, M. 65418
Sjodahl, M. Electronic speckle photography: increased accuracy by nonintegral pixel shifting 94676
Sjodin, J.-O. *see* Jonsson, U. 68262
Sjodin, P. *see* Bohm, C. 96228
Sjogren, L.B., Hong-Xia Liu, Xiaohui Qin, Domier, C.W., Luhmann, N.C., Jr. Phased array operation of a diode grid impedance surface 55425
Sjoholm, R., Boye, A.J. Security constrained dispatch solutions using the gradient projection method of optimization 99494
Sjoling, B., Turvey, S.P., Alexander, J.H. Design and processing considerations for the use of a crystallising low temperature cofiring ceramic tape system with integratable passive components 54501
Skaar, D.L. Circumventing the blocked rotor test when evaluating model elements of three phase induction motors 78618
Skaar, D.L. Analysis of single phase induction motors using the IODEKICE LOCUS 78626
Skaar, E.C. *see* Barrett, J.R. 54986
Skachkov, V.S., Kozchekin, M.A., Koujbida, R.P., Lulevich, V.I., Selin, A.V., Sergeeva, O.S. Automatic bench for precise magnetic measurements of linac multipole focusing elements 76684
Skaf, A. *see* Vacher, A. 49480
Skafidas, P.D., Vlachos, D.S., Avaritsiotis, J.N. Modelling and simulation of tin oxide based thick-film gas sensors using Monte Carlo techniques 66572
Skafidas, P.D., Vlachos, D.S., Avaritsiotis, J.N. Modelling and simulation of abnormal behaviour of thick-film tin oxide gas sensors in CO 98172
Skaggs, A. *see* Norton, O.P. 100775
Skakowski, R. *see* Sobierajski, M. 99426
Skakowski, R. *see* Sobierajski, M. 99454
Skakun, V.S. *see* Boichenko, A.M. 78993
Skakun, V.S. *see* Nagorny, D.Yu. 94356
Skala, J. *see* Mroz, W. 53219
Skaloud, T. *see* Richter, H.H. 93187
Skalsey, M. *see* Gidley, D.W. 81162
Skan, J.P., Kourbanis, I., McGinnis, D., Ng, K.Y., Peggs, S. A clean way to measure nonlinear momentum compaction factor α_1 66848
Skanata, D. Acceptability criteria of technological risks [health/environment protection] 48603
Skarbek, W., Pietrowcew, A. Error diffusion in block truncation coding 85167
Skarha, J. *see* Amidei, D. 98639
Skarpaas, K. *see* Breidenbach, M. 92864
Skarpaas, K. *see* Kirby, R.E. 71023
Skarpaas, K. *see* Schwarz, H.D. 67134
Skaryno, B.B. *see* Parfenovich, O.N. 60493
Skavantzos, A. *see* Rao, P.B. 73936
Skavantzos, A. *see* Soudris, D. 70402
Skeel, R.D. *see* Okunbor, D.I. 91383
Skeldon, K. *see* Rowan, S. 63914
Skellern, D. *see* Yee-Hsiang Chang 52716
Skelly, P., Pacifici, G., Schwartz, M. A cell and burst level control framework for integrated video and image traffic 64952
Skelton, D., Summerlin, T., Frank, K. Thermal impedance packaging concerns for power ICs 48698
Skelton, D. *see* Efland, T. 50020
Skelton, E.F. *see* Kim, C.C. 53077
Skelton, R.E. *see* Grigoriadis, K.M. 69849
Skendzic, V. *see* Kezunovic, M. 78225
Skevington, P.J. *see* Brown, P.D. 79830
Skevington, P.J. *see* Brown, P.D. 81313
Skevington, P.J. *see* Davies, G.J. 91511
Skey, S.G.P., Heidorn, K.C., Jarvin, S., Swail, V.R. The measurement of wind speed in high seas by meteorological buoys 99168
Skibinski, G.L., Divan, D.M. Design integration of a 200 kW GTO RDCL converter 68767
Skibinskii, V.A. *see* Fel'dman, Yu.I. 69103
Skibinskii, V.A. *see* Markin, V.V. 69154
Skibinskii, V.A. *see* Zubkov, Yu.A. 78895
Skibo, S. *see* Arya, R.R. 100513
Skidanov, V.M. *see* Rychkov, V.A. 80124
Skikos, G.D., Machias, A.V. Logistic computer simulations and economic assessment of robust wind/diesel power system configurations for the island of Kythnos 60145
Skillicorn, I.O. *see* Beaumont, S.P. 88037
Skilyagin, A.V. *see* Andreyev, N.V. 89966
Skimmons, B.E. *see* Brant, D. 97515
Skindhoj, J. Characterization of electrooptic polymers with high dielectric strength for fiber optic high voltage AC measurements 82133
Skinner, A.D. Calibration certificates: getting 'value' for calibration? 66105
Skinner, B.J., Donohoe, J.P., Ingels, F.M. Simplified performance estimation of FSK/PSK hybrid signaling radar systems 58448
Skinner, B.J., Donohoe, J.P., Ingels, F.M. Matched FSK/PSK radar 75543
Skinner, B.J., Ingels, F.M., Donohoe, J.P. Stationary and cyclostationary random process models 84386
Skinner, C.H. Applications of soft X-ray lasers 50986
Skinner, D. *see* Ziock, H.J. 76767
Skinner, D.K. *see* Augustus, P.D. 81380
Skinner, I. *see* Arkwright, J. 56910
Skinner, I.M. *see* Chu, P.L. 63994
Skinner, I.M. *see* Hatami-Hanza, H. 50522
Skinner, J.P. On the derivation of stored electrostatic energy from a collection of discrete point charges 94735
Skinner, K. *see* Craighill, E. 65238
Skiosaki, T. *see* Zhiming Chen 94047
Skirius, S.A., Mathias, H.H.G., Hascicek, Y.S., Shankle, G., Clark, R.J. Synthesis of high temperature superconducting ceramics by oxalate coprecipitation from non-aqueous solvents 61421
Skirmantas, R. *see* Ciegis, R. 61210
Skjaeveland, E.V. Digital sound broadcasting: Transmission systems and terrestrial networks 86672

Skjanes, J., Hauge, E.H., Schon, G. Magneto-transport in a two-dimensional tight-binding model 92999
Skjellum, A. *see* Anupindi, K. 99588
Sklansky, J. *see* Agarwal, R. 95690
Sklarenko, S.K. *see* Poplavko, Y.M. 82188
Skliovev, A. CAD for dielectric antennas 57200
Sklovsky, D.E. *see* Wu Xuehua 70025
Sklyarevich, V.E. *see* Milenin, V.V. 55654
Skobelev, N. *see* Tretyakova, S. 88168
Skobelev, N.K. *see* Fomichev, A.S. 53328
Skobelev, S.P. *see* Vyazigin, A.S. 83868
Skocir, Z., Robina, R. Application for transmission path graphic presentation 96279
Skocpol, W.J. *see* Berkowitz, S.J. 82352
Skoczkowski, T. *see* Krawczyk, A. 98997
Skodras, A.N. Fast discrete cosine transform pruning 69910
Skodras, A.N. *see* Christopoulos, C.A. 69907
Skoff, A. The general standardization of machines in Europe 100054
Skoglund, D. *see* Fenzi, N. 92492
Skogmo, D. Low cost image transmission system 97708
Skokov, S., Weiner, B., Frenklach, M. Molecular-dynamics study of oxygenated (100) diamond surfaces 55763
Skolnick, M.M. *see* Bhagvati, C. 74607
Skolnick, M.S. *see* Buckle, P.D. 62269
Skolnick, M.S. *see* David, J.P.R. 93314
Skolnick, M.S. *see* Hopkinson, M. 55642
Skolnick, M.S. *see* Mowbray, D.J. 69981
Skolnick, M.S. *see* Tagg, W.I.E. 81323
Skolnick, M.S. *see* Teissier, R. 81785
Skol'nik, G.M. *see* Paskov, V.V. 89668
Skolnik, S.E. *see* Glas, J.P.F. 97598
Skomski, R., Coey, J.M.D. Nucleation field and energy product of aligned two-phase magnets—progress towards the '1 MJ/m^3' magnet 50210
Skomski, R., Coey, J.M.D. Exchange coupling and energy product in random two-phase aligned magnets 72183
Skomski, R. *see* Brennan, S. 72012
Skoog, R.A. *see* Bolotin, V.A. 51882
Skoog, R.A. *see* Kosal, H. 51799
Skoog, R.A. *see* Kuhn, P.J. 51881
Skopec, A., Wankowicz, J.G., Sikorski, B. Electric field calculation for an axially-symmetric insulator with surface contamination 53788
Skorc, A., Milutinovic, V. Architectural requirements for multimedia image compression, and a solution based on VLSI hardware accelerator 51694
Skorek, A. *see* Bensmaia, N. 100205
Skorek, A. *see* Jordan, A.J. 91067
Skorek, A. *see* Lakhasi, A. 93289
Skorek, A. *see* Ortiz, C. 89943
Skorek, A. *see* Urbanek, P. 90643
Skorek, T. *see* Glaeser, H. 89486
Skorin-Kapov, D., Beltran, H.F. On a cost allocation problem arising from a star-star capacitated concentrator location problem 74904
Skorin-Kapov, D., Beltran, H.F. An efficient characterization of some cost allocation solutions associated with capacitated network design problems 96276
Skormin, V.A., Plaskon, S.L., Popyack, L.J. Transfer function method for diagnostics of electronic circuit boards exposed to mechanical vibrations 59474
Skormin, V.A., Tascillo, M.A., Nicholson, D.J. A jitter rejection technique in a satellite-based laser communication system 58392
Skormin, V.A. *see* McCartney, D.M. 59650
Skorodumov, I.A. *see* Kovalev, S.V. 83589
Skoroglyadov, V.V. *see* Mironov, V.L. 67912
Skorokhodov, V.M. *see* de Visser, A. 81283
Skorski, D.F., Checca, E.L. High-voltage longwall database 69295
Skorupa, W. *see* Kogler, R. 55533
Skorupa, W. *see* Reiss, S. 55662
Skorupka, C.W., Krowne, C.M., Pecora, L.M. Fractal, non-chaotic oscillations in a microwave TED 55393
Skoryatina, E.A. *see* Didik, V.A. 93127
Skotnicki, T., Merckel, G. Negative resistance VLSI integrable devices 93677
Skouby, K.E. *see* Falch, M. 51949
Skougarevsky, A.V. *see* Clark, R.G. 83571
Skov, J.L. *see* Bodin, P. 94032
Skov, M. *see* Rasmussen, S. 58175
Skovgaard, N.H. *see* Haslov, P. 50470
Skovgaard, N.H. *see* Nielsen, L.G. 52519
Skovoroda, A.R., Emelianov, S.Y., Lubinski, M.A., Sarvazyan, A.P., O'Donnell, M. Theoretical analysis and verification of ultrasound displacement and strain imaging 59352
Skovoroda, A.R. *see* O'Donnell, M. 59353
Skovoroda, A.R. *see* O'Donnell, M. 98771
Skowronek, M. *see* Ikhlef, A. 53320
Skowronski, M. *see* Philips, B.A. 61299
Skowronski, V.D. *see* Gruesbeck, W.G. 99057
Skrenes, L. *see* Garverick, S.L. 98689
Skresanov, V.N. *see* Natarov, M.P. 80581
Skretting, A. *see* Eilertsen, K. 67612
Skripal, A.V. *see* Vagarin, V.A. 59005
Skripko, O.A. *see* Melamed, A.M. 99614
Skripov, V.P., Mansurov, V.V. Amplitude-frequency representation of the flicker noise 81749
Skrivanek, R.A., Basu, S. Ionospheric effects on UHF radars at high latitudes 73335
Skrobis, K.J. *see* Christenson, T.R. 78773
Skrobis, K.J. *see* Guckel, H. 60262
Skrobis, K.J. *see* Guckel, H. 62591
Skrobis, K.J. *see* Guckel, H. 81583
Skrobis, K.J. *see* Guckel, H. 90046
Skrobis, K.J. *see* Guckel, H. 93287
Skromme, B.J., Liu, W., Jensen, K.F., Giapis, K.P. Effects of C incorporation on the luminescence properties of ZnSe grown by metalorganic chemical vapor deposition 69996
Skrovanek, T. *see* Farar, P. 66758
Skruchaev, Yu.K. *see* Vasil'ev, M.B. 55010
Skryabin, D.V., Radin, A.M. Passive optical cavity with backward scattering 83210
Skrypnik, L.V., Tatarkin, V.T. Waveguide supply circuit of the monopulse feed having independent optimization of the sum and difference channels 57308
Skrypnik, L.V. *see* Pochernyaev, V.N. 61875
Skrzipek, M.-R. Calculation of associated functions for rational modified weight functions 79677
Skrzypek, J. *see* Takano, M. 64702
Skubalska-Rafajlowicz, E. *see* Rafajlowicz, E. 48894
Skubic, P. *see* Kaplan, D. 59067
Skudelny, H.-C. *see* Mertens, A. 78727
Skufca, T.L. *see* Augusteijn, M.F. 64750
Skugge, G., Bubenko, J.A., Sjelvgren, D. Optimal seasonal scheduling of natural gas units in a hydro-thermal power system 53716
Skugge, G., Bubenko, J.A., Sjelvgren, D. Optimal seasonal scheduling of natural gas units in a hydro-thermal power system 77841
Skula, L. Some bases of the Stickelberger ideal 91245
Skulkin, S. Directly time domain antenna measurement technique 83827
Skulkin, S. An analysis of some errors of antenna patterns restored by measurements on near zone plane 83828
Skup, E. *see* de Barbaro, P. 98584
Skupsky, S. *see* McKenty, P.W. 83262
Skutt, C. *see* Dai, N. 68687
Skutt, G., Lee, F.C., Ridley, R., Nicol, D. Leakage inductance and termination effects in a high-power planar magnetic structure 68688
Skvarc, J. DSP in three phase power system measurements 89401
Skvarc, J. *see* Ilic, R. 88161
Skvarenina, T. *see* Moghbelli, H. 68293
Skvaril, P. *see* Guenther, S. 53098
Skvarna, P., Patapoff, N., Anoush, F. Solar chargeport concept—a joint research project 78929
Skvor, Z. *see* Bruneau, M. 77739
Skvortsov, B.N. *see* Bagayev, S.N. 86876
Skvortsov, E.I. *see* Bulatov, N.G. 77466
Skwarczynski, J. Calculation of mathematical model inductances of salient pole synchronous machine with armature slotting 89840
Skyba, P., Greser, A., Krasnay, Z., Smolka, N. Digitally controlled current source for demagnetization refrigerators 90097
Skyberg, B. *see* Aurud, T. 90317
Skylas-Kazacos, M. *see* Largent, R.L. 99989
Skytte, K. Engineering a small system 54451
Skyttemyr, S.A. *see* Lier, E. 57269
Slabutskiy, L.A. Sea surface backscattering Doppler spectrum at 20 GHz 97429
Slack, D. *see* Wang, S.-T. 82477
Slack, D.S. *see* Hassenzahl, W.V. 82468
Slack, E.R. Dial M for service [Inmarsat-M system] 97177
Slack, M.G. Fixed computation real-time sonar fusion for local navigation 52654
Slade, J.P. *see* Schankula, M.H. 66131
Slade, P.G. Advances in material development for high power, vacuum interrupter contacts 68888
Slade, P.G., Long, R.W. Vacuum technology for medium voltage switching and protection 68889
Sladen, J.P.H., Wuensch, W. Loss of precision in resonant beam position monitors due to finite Q 76501
Slama, J. Micromagnetic aspect of magnetization in ferromagnetic alloys 72027
Slama, J., Gruskova, A., Keszegh, L., Kollar, M. Magnetic powder filled polymers 72061
Slama, J. *see* Michalikova, M. 72070
Slamani, M., Kaminska, B. Multifrequency testability analysis for analog circuits 49520
Slamin, B.J. Paving the way from standard definition to HDTV through ADTT 97527
Slaninka, P. *see* Morgan, V.T. 53763
Slaoui, A., Deng, C., Talwar, S., Kramer, J., Sigmon, T.W. Fabrication and doping of poly-SiGe using excimer-laser processing 70033
Slaoui, A. *see* Fogarassy, E. 61322
Slaoui, A. *see* Fogarassy, E. 79936
Slaoui, A. *see* Hartiti, B. 100642
Slaoui, A. *see* Schindler, R. 100630
Slark, G. *see* Kato, Y. 50730
Slater, A., Aldworth, R. The 1993 CIBSE code for interior lighting 54240
Slater, D.B. *see* Swart, J.W. 80157
Slater, D.B., Jr., Enquist, P.M., Hutchby, J.A., Morris, A.S., Trew, R.J. Low emitter resistance GaAs based HBT's without InGaAs caps 62684
Slater, D.B., Jr. *see* Enquist, P.M. 62705
Slater, G. *see* Wolf, M. 85999
Slater, J. Coded channels. Digital television by satellite 75699
Slater, J.C. *see* Banks, H.T. 71879
Slater, J.D., Wu, F.Y., Honig, L.S., Ramsay, R.E., Morgan, R. Neural network analysis of the P300 event-related potential in multiple sclerosis 53432
Slater, J.S., Anderson, E. Communication convergence in electronically supported discussions: an adaptation of Kincaid's convergence model 85912
Slater, P.N. The preflight calibration of sensors employing solar-diffuser calibration 77254
Slater, S. *see* Honda, K. 81657
Slater, S.G. *see* Munzel, N. 81617
Slater, S.G. *see* Schaedeli, U. 81621
Slatnick, M.F. *see* Marrow, G. 65274
Slaton, J. *see* Pham, D. 92287
Slattery, K.P. Current distributions in planar conductors 92633
Slattery, K.P. Interior resonances in passenger vehicles 100903
Slattery, O. *see* Kelly, G. 91019
Slaughter, J.M. *see* Montcalm, C. 63543
Slaughter, J.M. *see* Montcalm, C. 72548
Slaughter, R.J. *see* Ashworth, S.P. 89306
Slavik, C. *see* Salon, S. 89935
Slavutskiy, L.A. *see* Volkov, A.V. 67850
Slayman, B.E. *see* Foo, T.K.F. 53375
Sleight, J.W. *see* Deshpande, M.R. 62624
Sleijpen, G.L.G., van der Vorst, N.A., Fokkema, D.R. BiCGstab(l) and other hybrid Bi-CG methods 61174
Sleijpen, G.L.G. *see* Fockens, S. 53847
Slekys, G., Staliunas, K., Tarroja, M.F.H., Weiss, C.O. Cooperative frequency locking and tristability in a class-B laser 63676
Slekys, G., Weiss, C.O., Tang, D.Y., Tarroja, M.F.H. Helical-wave emission of lasers 94361
Slemmons, J.W. *see* Scutero, M.J. 58780
Slemon, G.R. Achieving a constant power speed range for PM drives 69045
Slemon, G.R. Electrical machines for variable-frequency drives 90488
Slemon, G.R. High-efficiency drives using permanent-magnet motors 90577
Slemon, G.R. *see* Bin Wu 69114
Slemon, G.R. *see* Wu, B. 60535
Slempkes, S. *see* Delorme, F. 83165
Slempkes, S. *see* Nakajima, H. 75502
Slempkes, S. *see* Nakajima, H. 83174
Sleptsov, A.I. *see* Baklakov, B.A. 59034
Slepyan, A.Ya. *see* Rodionova, V.N. 87461
Slepyan, G.Ya. *see* Natarov, M.P. 80581
Slepyan, G.Ya. *see* Rodionova, V.N. 87461
Sletten, G. High spin spectroscopy with NORDBALL, present and future 88138
Sletten, K. *see* McLaren, P.G. 78226
Sletten, M.A. Resolution of a phase ambiguity in a calibration procedure for polarimetric radar systems 59602
Sleva, M.Z., Hunt, W.D., Briggs, R.D. Focusing performance of epoxy- and air-backed polyvinylidene fluoride Fresnel zone plates 99333
Slevinsky, J.B., Grover, W.D., MacGregor, M.H. An algorithm for survivable network design employing multiple self-healing rings 86433
Slew Ng Seng *see* Seng Slew Ng
Slifer, L.W., Jr. TIMED-H, an ideal application for GaAs/Ge solar cells 99100
Slima, M.B. *see* Barwicz, A. 97877
Slimane, S.B., Le-Ngoc, T. Performance of 16-QPOM signals on a fading mobile satellite channel 86197
Slimani, K. *see* Hoang Le-Huy 54167
Slinkman, J. *see* Voldman, S. 63008
Slinkman, J.A. *see* Heemyong Park 93122
Slivinskaya, G.A. *see* Balkovoi, A.P. 69081
Sliviken, S. *see* Brown, G.J. 71179
Sliviken, S. *see* Jelen, C. 54850
Sliwinska, D. *see* Nadolski, R. 100140
Sloan, D.M. *see* Huang, W. 48861
Sloan, D.M. *see* Weizhang Huang 69896
Sloan, I.H., Tran, D., Fairweather, G. A fourth-order cubic spline method for linear second-order two-point boundary-value problems 48864
Sloan, J. Overview of ball grid array technology 79399
Sloan, J.A. *see* Kirsch, J.C. 50596
Sloan, M.L. *see* Towle, J.N. 88741
Sloan, R. *see* Davis, L.E. 49621
Sloan, T. *see* Beaumont, S.P. 88037
Sloan, T. *see* Ellison, M. 66909
Sloan, T. *see* Li, D. 98409
Sloan, T. *see* Liu, J.Y. 98399
Sloan, T. *see* Pei, X. 67235
Sloan, T. *see* Syphers, M.J. 66966
Sloan, T. *see* Wang, Y. 66910
Sloane, A. Homelink: a project to investigate computer and communications technology requirements in the home environment 85794
Sloane, N.J.A. *see* Conway, J.H. 79574
Sloane, N.J.A. *see* Hammons, A.R., Jr. 73694
Sloane, N.J.A. *see* Hardin, R.H. 91353
Slobdanyuk, V.A. *see* Biglov, Z.A. 56636
Slobin, S.D. *see* Rafferty, W. 58365
Slobodan Cuk *see* Dongyan Zhou 100376

Slobodchikov, S.V., Kovalevskaya, G.G., Meredov, M.M., Russu, E.V., Salikhov, K.M. Pd-p-GaP diode structures: electrical and photoelectric characteristics and effect of hydrogen on them 93305
Slobodchikov, S.V., Kovalevskaya, G.G., Salikhov, Kh.M. Effect of hydrogen on the photovoltaic and photodiode sensitivity of Pd-SiO_2-$n(p)$-Si tunnel structures 71234
Slobodchikov, S.V., Salikhov, Kh.M., Kovalevskaya, G.G. Low-frequency oscillations of the photocurrent in InP(Fe) in a magnetic field 49776
Slobodchikov, S.V., Salikhov, Kh.M., Samorukov, B.E., Russu, E.V., Kovalevskaya, G.G. Current transport mechanism in n-GaP diode structures with vacuum-deposited palladium 49957
Slobodchuk, V.I. *see* Groshev, A.I. 99878
Slobodin, D.E. ARPA high definition systems program 66603
Slobodnik, A.J., Jr., Webster, R.T. Experimental validation of microstrip bend discontinuity models from 18 to 60 GHz 92455
Slobodova, A. *see* Bern, J. 49100
Slock, D.T.M. The order-recursive Chandrasekhar equations for fast square-root Kalman filtering 84539
Slock, D.T.M., Maouche, K. The fast subsampled-updating fast transversal filter (FSU FTF) RLS algorithm 95463
Slocum, A.H. *see* Bhathena, F. 69067
Slogar, M. Battery power for mobile Earth stations 97208
Sloggett, G.J. *see* Small, G.W. 51147
Sloggett, J., Dart, D.L., Foley, C.P., Binks, R.A., Savvides, N., Katsaros, A. Noise in thin-film $YBa_2Cu_3O_7$ step-edge junction RF SQUIDS 56249
Sloot, J., Merck, W., van der Burgt, J., Lenstra, K. Modelling of a MCB for optimal selectivity 90238
Sloot, J. *see* Meng, X. 80964
Slooten, J.van *see* van Slooten, J.
Slootweg, R.W.M. *see* Binsma, J.J.M. 56783
Sloper, A.N., Flanagan, M.T. Metal phosphate planar waveguides for biosensors 76093
Slosar, J.M. *see* Petrick, N. 87964
Slosiar, R., Potts, M., Beelar, R. MD^3Q: a distributed queueing protocol with full channel capacity re-use and guarantee of bandwidth 51852
Slot, P.J.M.van der *see* van der Slot, P.J.M.
Slotboom, J.W. *see* Hurkx, G.A.M. 62853
Slotboom, J.W. *see* Roks, E. 66479
Slotboom, J.W. *see* Roks, E. 87288
Slotboom, J.W. *see* van Dort, M.J. 49850
Slotboom, J.W. *see* van Dort, M.J. 93121
Slovacek, M. *see* Erben, O. 89475
Slowikowski, P. *see* Zagorski, A. 63425
Slowinski, B. *see* Afanasiev, S.V. 52771
Sluijk, T. *see* Noomen, J.G. 76500
Sluis, L.van der *see* van der Sluis, L.
Slump, C.H. *see* de Vries, R. 75776
Slusher, R.E., Weisbuch, C. Optical microcavities in condensed matter systems 94399
Slusher, R.E. *see* Mohideen, U. 83137
Sluss, J.J., Jr. *see* Tayag, T.J. 82799
Slutej, A. Application of optic communications in process control 97331
Slutsker, V.P. *see* Kovalevich, O.M. 89493
Slutsky, B., Bertram, H.N. Transition noise analysis of thin film magnetic recording media 82265
Slutsky, L.G. *see* Goldstein, B.S. 85576
Slutter, W.E. *see* Oberhardt, M.R. 88633
Slutz, S.A., Poukey, J.W., Pointon, T.D. Simulations of magnetically insulated multistage ion diodes 69022
Sluz, J.E. *see* Tallsa, S.H. 80639
Slyh, R.E., Moses, R.L. Microphone array speech enhancement in overdetermined signal scenarios 84045
Slyke, R.Van *see* Van Slyke, R.
Slyz, M.J., Neuhoff, D.L. A nonlinear VQ-based predictive lossless image coder 57901
Smacchia, P. *see* De Carolis, G. 88875
Smaczniak, A. *see* Sageev, P. 90818
Smadja, M. *see* Philipp, S. 74585
Smaev, V.P., Gal'pern, A.D., Vavilova, Yu.A., Paramonov, A.A. Some features of production of monolayers for multilayer photographic materials 73181
Smaha, D.W. *see* Barnett, C.W. 54066
Smailagic, A. *see* Amon, C.H. 97501
Smailagic, A. *see* Hendrickson, C. 90894
Smaili, A., Scardina, J. Personal view: an integrated engineering program in design and manufacturing education 54363
Small, B. Building on our manufacturing base. Attitudes to change in British manufacturing business [management] 48613
Small, B., Bodmer, A., Mourad, S. Evaluating FPGAs: capacity and utilization 92141
Small, B. *see* Hudgens, R. 80736
Small, C.F. *see* Kim-Gau Ng 88348
Small, C.H. Distributed power takes center stage 68703
Small, C.H. Solid mechanical designs tempt engineers away from designing optical sensors 87189
Small, D., Werner, C., Nuesch, D. Baseline modelling for ERS-1 SAR interferometry 77284
Small, D. *see* Holecz, F. 77499
Small, G.W., Dencher, P.R., Leslie, K.E., Sloggett, G.J. A high performance digital synchronous noise filter 51147
Small, G.W., Leslie, K.E., Ricketts, B.W., Coogan, P.C. Cryogenic current comparator for QHR determination at NML 87428
Small, G.W. *see* Nagata, M. 86929
Small, H. *see* Jerrad, D. 69445
Small, J.J. The Internet Gopher: a reference tool 75019
Small, J.L. Joint estimation of household and heat-pump electricity demand 59883
Small, L. *see* Wang, C.X. 76941
Small, R.L. *see* Greenberg, A.D. 54609
Smallen, M. *see* Lee, J.K. 50271
Smalley, G. *see* Makovich, L. 68081
Smalley, R.M. *see* McCann, L.I. 81168
Smallwood, R.H., Mangnall, Y.F., Leathard, A.D. Transport of gastric contents [electric impedance imaging] 67581
Smallwood, R.H. *see* Brown, B.H. 67551
Smart, J.P., van de Kamp, W.L. The combustion of pulverised coal in simulated turbine exhaust gas: effects on NO_x, combustion efficiency and flame structure 78419
Smart, R.G., Sulhoff, J.W., Zyskind, J.L., Nagel, J.A., DiGiovanni, D.J. Gain peaking in a chain of 980 nm-pumped erbium-doped fiber amplifiers 50774
Smartt, C.J., Benson, T.M., Berry, G.M., Burke, S.V., Kendall, P.C., Robson, P.N. Exact polarised rib waveguide analysis 72354
Smartt, C.J., Benson, T.M., Kendall, P.C. Exact operator method for the analysis of dielectric waveguides with application to integrated optics devices and laser facets 50556
Smartt, C.J., Benson, T.M., Kendall, P.C. Exact transcendental equation for scalar modes of rectangular dielectric waveguides 94136
Smathers, D. *see* Garber, M. 82418
Smedes, T., van der Meijs, N.P., van Genderen, A.J. Boundary element methods for capacitance and substrate resistance calculations in a VLSI layout verification package 55060
Smedley, G. *see* Ross, R.G., Jr. 53510
Smedley, K., Cuk, S. Switching Flow-Graph nonlinear modeling technique 100211
Smedley, K., Jayasuriya, A., Christiansen, C., Shafer, R. Ripple distribution in magnet strings of Super Collider [SSC] 87771
Smedley, K., Jayasuriya, A., Christiansen, C., Shafer, R. Ripple distribution in magnet strings of Super Collider 98434
Smedley, K.M. Digital-PWM audio power amplifiers with noise and ripple shaping 91914
Smedley, K.M., Shafer, R.E. Experimental determination of electrical characteristics and circuit models of superconducting dipole magnets 82493
Smedt, A.De *see* De Smedt, A.
Smeets, B. Bounds on the probability of deception in multiple authentication 95195
Smeets, B. *see* Bierbrauer, J. 73765
Smeets, B. *see* Zhe-Xian Wan 73730
Smeins, L.G. *see* Cole, E.H. 98695
Smeitink, E. *see* Aalto, S. 65527
Smekal, Z. Lattice all-pole structure of digital filters and its zero input response 51429
Smekal, Z. The discrete system and its models for digital signal processors 51472
Smekalin, K., Zhang, G., Lammasniemi, J. Anodic oxidation of $In_xGa_{1-x}As_yP_{1-y}$ epitaxial layers 71371
Smellie, R. *see* Burgett, W. 98480
Smellie, R. *see* Clayton, T. 76660
Smellie, R. *see* McInturff, A.D. 76652
Smet, H.de *see* de Smet, H.
Smetanin, I.V. *see* Belenov, E.M. 72934
Smeulders, A.W.M. *see* Worring, M. 57683
Smeulders, A.W.M. *see* Worring, M. 64791
Smeys, P. *see* Simoen, E. 71773
Smiai, M.S., Lesan, S., Shepherd, W. Analysis and performance of hybrid thyristor controlled three-phase resistive-inductive loads 68727
Smiai, M.S. *see* Lesan, S. 69051
Smid, M. *see* Denning, D.E. 85452
Smidts, C. Probabilistic dynamics: a comparison between continuous event trees and a discrete event tree model 61033
Smilan, R.E. *see* Kamath, Y.H. 54443
Smillie, A.M. *see* Armitage, A.F. 87272
Smillie, R. *see* Assis-Arantes, P. 97186
Smimov, E.A., Paseka, I.V. An algorithm for calculating the weighting factors when modeling on a computer the procedures for generating random processes at the output of high-order bandpass filters 55321
Smioes, M.G., Bose, B.K. Applications of fuzzy logic in the estimation of power electronic waveforms 68724
Smirmov, I.P. *see* Zorin, A.Yu. 73313
Smirnitskii, V.B. *see* Guriev, A.I. 56793
Smirnitsky, A. *see* Akimov, V. 53300
Smirnitsky, A.V. *see* Akimov, V.A. 53286
Smirnov, A. *see* Brown, D. 59084
Smirnov, A.G. *see* Canter, K.F. 81161
Smirnov, A.I. *see* Etkin, V.S. 77464
Smirnov, A.L. *see* Ivanchenko, A.I. 82898
Smirnov, A.V. On the analysis of periodic magnetostatic systems 94545
Smirnov, A.V., Smirnov, V.N. Beam self-excited oscillation in linac buncher section 98424
Smirnov, A.V. *see* Zaripov, F.Sh. 51067
Smirnov, A.Ya. *see* Emel'yanov, A.P. 63913
Smirnov, A.Yu. Electromagnetic moment of a screened inductor motor 60202
Smirnov, E.N. *see* Devyatkov, N.D. 81146
Smirnov, E.N. *see* Kravtsov, I.A. 57053
Smirnov, E.N. *see* Naumenko, E.D. 76289
Smirnov, G. *see* Chen, M. 67349
Smirnov, K.A. Equivalent reduction of complex power systems for given powers of units 99449
Smirnov, M.T., Evtushenko, A.V., Kutuza, B.G., Petrenko, B.Z., Meischner, P., Hagen, M. Estimation of rain rate by microwave radiometry and active radar during CLEOPATRA 92 77376
Smirnov, M.T. *see* Kiemle, C. 77403
Smirnov, M.V. *see* Mirzoeva, L.A. 72290
Smirnov, N.B. *see* Dolginov, L.M. 93150
Smirnov, N.B. *see* Polyakov, A.Y. 71217
Smirnov, N.I., Gorgadze, S.F. The noise immunity of asynchronous transmission systems with spread-spectrum signals when acted upon by narrow-band interference 65571
Smirnov, V. Holographic tunable selector of radiation 64012
Smirnov, V.A. *see* Afanasiev, S.V. 52771
Smirnov, V.A. *see* Vysotina, N.V. 83246
Smirnov, V.N. *see* Smirnov, A.V. 98424
Smirnov, V.P., Latynin, V.A., Batashova, G.N. The unsteady-state thermohydraulic calculation of a stacked core 59517
Smirnov, V.S., Yartsev, A.I. Method of intracavity selection of polarization components for studying the anisotropy of lasing dye solutions 50749
Smirnov, V.S. *see* Baranov, V.A. 76849
Smirnov, V.V., Piljak, L.M., Shedrunova, T.V., Muravjova, I.B., Novoselski, V.V. Holographic high-reflection filters in dichromated gelatin layers 73139
Smirnov, V.V. *see* Bashkirov, Yu.A. 82315
Smirnov, V.V. *see* Smirnova, T.N. 73179
Smirnov, Yu. *see* Perelstein, E. 76542
Smirnov, Yu.G. On the solvability of some diffraction problems in areas coupled through an opening in a screen 94744
Smirnova, E.P. *see* Lemanov, V.V. 56149
Smirnova, G.M. *see* Gevorkyan, A.G. 86941
Smirnova, I.A. *see* Zhiglinsky, A.G. 56646
Smirnova, N., Salomatov, A., Belyukov, M., Nunichev, S. Individual dosimetry monitoring at experimental fusion facilities: cluster analysis 88602
Smirnova, S.A. *see* Fyodorov, A.A. 98628
Smirnova, T.N., Obukhovsky, V.V. Dynamics of holographic recording at photopolymer compounds 64029
Smirnova, T.N., Sakhno, O.V., Tikhonov, E.A., Smirnov, V.V. Relief formation in holographic recording on photopolymerized composites 73179
Smirnova, T.N., Sarbaev, T.A., Tikhonov, E.A. Real-time holographic recording of reflection gratings in a photopolymerisable composite 56951
Smirnova, T.V. *see* Khasanov, O.Kh. 73175
Smirra, K. *see* Scheibener, P. 77157
Smirra, K. *see* Schiebener, P.J. 53521
Smirthwaite, P.T., Fisher, A.C., Gaylor, J.D., Henderson, I.A., McGhee, J. Frequency domain identification of a blood urea nitrogen sensor with multifrequency binary signals 59253
Smit, B. *see* Van de Goor, A.J. 49446
Smit, C.R. SOPHO CallManager: The Philips solution for automatic call distribution 86004
Smit, J. *see* Krahenbuhl, F. 82163
Smit, M.C., Ferreira, J.A., van Wyk, J.D., Holm, M.F.K. An integrated resonant DC-link converter, using planar ceramic capacitor technology 100305
Smit, M.C. *see* Hofsajer, I.W. 90204
Smit, M.K. *see* Besse, P.A. 72416
Smit, M.K. *see* Soldano, L.B. 50552
Smit, M.K. *see* Spiekman, L.H. 82640
Smit, T.A. The poor gain from statistical multiplexing in the homogeneous and the heterogeneous case 51777
Smit, W. *see* Frietman, E.E.E. 50622
Smith, A. Closed-loop batch cleaning using biogenerated alcohol solvents 81012
Smith, A. Disabled living facilities: every home should have them 92663
Smith, A., Smith, D.S., Abelard, P. Experimental survey of dopant ions in ZnO: Nonlinearity and degradation 49777
Smith, A. *see* Olthuis, W. 58669
Smith, A. *see* Seidler, W. 82077
Smith, A. *see* Trow, M.W. 87996
Smith, A.C. *see* Dorrell, D.G. 78854
Smith, A.D. *see* Czajkowski, I.K. 56437
Smith, A.D. *see* Thrush, E.J. 54901
Smith, A.E. *see* Tate, D.M. 57379
Smith, A.F.M. *see* Upadhyay, S.K. 79494
Smith, A.G., Vermeer, W.J. Automated peak searching and fitting of data from gamma-ray coincidence experiments 98549

Smith, A.H. New pattern etching technique provides high throughput at low cost [MCM] 92836
Smith, A.J. *see* Yearby, K.H. 64144
Smith, A.M., Wilson, C., Meadows, P.J. The EODC SAR processor 77270
Smith, A.O. *see* Collins, E.R., Jr. 68605
Smith, A.P. Water treeing tests [on MV XLPE power cables] 59959
Smith, A.R. *see* Gwo, S. 93228
Smith, A.V. *see* Raymond, T.D. 94597
Smith, A.W. *see* Kenney, J.S. 97079
Smith, A.W. *see* Salem, A.F. 75986
Smith, B. *see* Deis, G. 87958
Smith, B. *see* Heim, J. 88070
Smith, B. *see* Yarborough, R. 80836
Smith, B.A., Marston, P.G., Pourrahini, S., Piec, Z.S., Kochan, S.J., Camille, R.J., Jr., Vieira, R., Pisera, J.W., East, G.H., Titus, P.H., Myatt, S.J., Martovetsky, N. Electrical joints between superconducting coil modules in the GEM detector magnet 82465
Smith, B.A. *see* Myatt, R.L. 88071
Smith, B.C. *see* Patel, K. 66064
Smith, B.D. *see* Manglos, S.H. 59338
Smith, B.E., Yackle, C. The real capacity of SONET bidirectional rings 52579
Smith, B.H. *see* Sheikh, J.Y. 66822
Smith, B.T. *see* Sirkis, J.S. 91664
Smith, B.W., Eakin, T.D., Johnson, D.W. Characterization of safe solvent PMMA resist variables for electron beam application 81721
Smith, B.W., Turgut, S. Phase-shift mask issues for 193 nm lithography 71473
Smith, B.W. *see* Drennan, P.G. 81709
Smith, B.W. *see* Drennan, P.G. 81710
Smith, B.W. *see* Fuller, L.F. 54384
Smith, B.W. *see* Toledo-Crow, R. 82025
Smith, B.W. *see* Zhang, G. 81655
Smith, C. Find optical return loss with an OTDR 98327
Smith, C., Mayes, T. Telework training through World Wide Web 75059
Smith, C. *see* Brower, B.V. 96088
smith, C. *see* Drynan, D. 65521
Smith, C. *see* Key, M.H. 50731
Smith, C. *see* Subramanian, R. 97175
Smith, C.C., Lof, G., Jones, R. Measurement and analysis of evaporation from an inactive outdoor swimming pool 66716
Smith, C.E. Frequency domain analysis of RF and microwave circuits using SPICE 92506
Smith, C.E., Tew, M.D., Wen-Liang Wu Use SPICE to analyse PCB crosstalk 92695
Smith, C.E. *see* Elsherbeni, A.Z. 94931
Smith, C.E., Jr. *see* Jackson, P.L. 79065
Smith, C.G. *see* Frost, J.E.F. 62910
Smith, C.J.T. *see* Hughes, J.R. 98226
Smith, C.R., Erker, J.W. Low cost, high resolution X-ray detector system for digital radiography and computed tomography 59229
Smith, C.R. *see* Kamasz, S.R. 66464
Smith, C.W. *see* Adianto 63085
Smith, D. A switched mode power supply IC for digital cordless telephones 49172
Smith, D., Koen, M., Witulski, A.F. Evolution of high-speed operational amplifier architectures 91906
Smith, D. *see* Dunbridge, B. 92593
Smith, D. *see* Forman, G.A. 54515
Smith, D. *see* Krasko, Z. 90635
Smith, D. *see* Minot, K. 86298
Smith, D. *see* Minot, K. 97171
Smith, D. *see* Wang, H. 80766
Smith, D.A. *see* d'Alessandro, A. 52569
Smith, D.A. *see* Meade, R.D. 56291
Smith, D.B. *see* Smith, T.V. 66393
Smith, D.C. *see* Pritchard, R.C. 52303
Smith, D.D., Demroff, H.P., Elliott, T.S., Kasprowicz, T.B., Lee, B., Mazumdar, T.K., McIntyre, P.M., Pang, Y., Trost, H.-J. The oxidized porous silicon field emission array 76847
Smith, D.D., Demroff, H.P., Elliott, T.S., Kasprowicz, T.B., Lee, B., Mazumdar, T.K., McIntyre, P.M., Pang, Y., Trost, H.-J. Study of porous silicon morphologies for electron transport 76848
Smith, D.D. *see* Lee, B. 71036
Smith, D.D. *see* Wu, J.C. 62289
Smith, D.E. Effects of feedback delay on the performance of the transfer-controlled procedure in controlling CCS network overloads 51918
Smith, D.E. Intel's FLEXlogic FPGA architecture 70392
Smith, D.G. *see* Muller, C. 96463
Smith, D.G. *see* Seman, K. 64905
Smith, D.J. Integrating power plant controls increases availability and reduces costs 99816
Smith, D.J., Tronstad, K. Deep sea hammer corer 99162
Smith, D.K. *see* Antos, A.J. 97340
Smith, D.L. *see* Mazarakis, M.G. 66798
Smith, D.R., Schildknecht, R.R. Design of an intelligent switch for a shared memory two-dimensional spanning bus hypercube multiprocessor 50085
Smith, D.R. *see* Schultz, S. 76356
Smith, D.R. *see* Vetter, A.M. 67146
Smith, D.S., Howe, D. Simulation of the dynamic performance of non-linear electro-mechanical systems 51050
Smith, D.S. *see* Smith, A. 49777
Smith, D.W. *see* Vecht, A. 63562
Smith, E. Earthing practices for information technology equipment 54091
Smith, E. Development of data processing earthing practice 54093
Smith, E. *see* Kaplan, D. 59067
Smith, E.A. *see* Farrar, M.R. 77411
Smith, E.A. *see* Vivekanandan, J. 77375
Smith, E.D. *see* Reinert, J. 68555
Smith, E.D. *see* Reinert, J. 78595
Smith, E.D. *see* Young, P.G. 81935
Smith, F. The cost of implementing FPT 92806
Smith, F.C., Chambers, B., Bennett, J.C. Methodology for accurate free-space characterisation of radar absorbing materials 97419
Smith, F.D. *see* Jeffay, K. 65464
Smith, F.D. *see* Jeffay, K. 96835
Smith, F.J. *see* Chethik, F. 75362
Smith, F.T.J. *see* Karam, N.H. 91629
Smith, F.W. *see* Brown, E.R. 61907
Smith, F.W. *see* Roditi, G.H. 59365
Smith, G. *see* Dahnoun, N. 76968
Smith, G. *see* Fenker, H. 67313
Smith, G.A., Roser, T., Witkover, R., Wong, V. Transverse beam dampers for the Brookhaven AGS 98471
Smith, G.A. *see* Hertzler, J. 53326
Smith, G.A. *see* Jones, R. 68501
Smith, G.C. *see* Yu, B. 59122
Smith, G.D. *see* Hartzog, S. 100000
Smith, G.D.W. *see* Huang, M. 62078
Smith, G.D.W. *see* King, R.A. 62050
Smith, G.E., White, I.A. Optical fibre reflectometer sensor characterisation 87209
Smith, G.L. Effects of time response on the point spread function of a scanning radiometer 98008
Smith, G.M., Hughes, J.S., Lammert, R.M., Osowski, M.L., Coleman, J.J. Wavelength tunable two-pad ridge waveguide distributed Bragg reflector InGaAs-GaAs quantum well lasers 72912
Smith, G.M., Hughes, J.S., Osowski, M.L., Forbes, D.V., Coleman, J.J. Ridge waveguide distributed Bragg reflector InGaAs/GaAs quantum well lasers 50821
Smith, G.M., Unsworth, C.P., Webb, M.R., Lesurf, J.C.G. Design, analysis and application of high performance permanently magnetised, quasi-optical, Faraday rotators 82754
Smith, G.M. *see* Harvey, A.R. 81153
Smith, G.M. *see* Lammert, R.M. 83162
Smith, G.R. *see* Adye, T.J. 98508
Smith, G.R. *see* Harvey, R.W. 83829
Smith, G.S. *see* Shlager, K.L. 73483
Smith, G.S. *see* Shlager, K.L. 73493
Smith, G.S. *see* Zhou, G. 73490
Smith, G.W. *see* Buckle, P.D. 62269
Smith, H.I. *see* Bozler, C.O. 62041
Smith, H.I. *see* Hang Hu 71821
Smith, H.L. DA/DSM directions. An overview of distribution automation and demand-side management with implications of future trends 99657
Smith, H.V., Jr., Allison, P., Geisik, C., Schmitt, D.R., Schneider, J.D., Stelzer, J.E. A direct-current Penning surface-plasma source 53184
Smith, H.Vernon, Jr. *see* Vernon Smith, H., Jr.
Smith, H.W. University of Toronto curricula in electrical and computer engineering 60779
Smith, I.R. *see* Senior, P. 100361
Smith, I.R. *see* Stewardson, H.R. 60403
Smith, I.R. *see* Vadher, V.V. 54257
Smith, I.R. *see* Vadher, V.V. 60179
Smith, J. Matching temperature sensors with process tasks 58734
Smith, J. *see* Barrios, J. 59548
Smith, J. *see* Bolduc, P. 99995
Smith, J. *see* Friedman, A. 76481
Smith, J. *see* Geary, G. 81046
Smith, J. *see* Goldstein, R.M. 59570
Smith, J. *see* O'Brien, L. 93884
Smith, J. *see* Pinkel, R. 77553
Smith, J.B. *see* Jeffay, K. 96835
Smith, J.C., Taylor, F.J. The design of a fault tolerant GEQRNS processing element for linear systolic array DSP applications 49461
Smith, J.C. *see* Hendsbee, P.M. 78318
Smith, J.D.B. *see* Shea, J.J. 90294
Smith, J.E., Schwarzblat, M., Baker, J.C. Application of a fault tree construction expert system to an actual nuclear generating station system 68407
Smith, J.F. *see* Miller, C.M. 79301
Smith, J.G. *see* Alexander, J.P. 59072
Smith, J.G. *see* Alexander, J.P. 70305
Smith, J.G. *see* Kamath, Y.H. 54443
Smith, J.G. *see* Williams, G.A. 69188
Smith, J.I. *see* Bayruns, R. 93539
Smith, J.L., Jr. *see* Kirtley, J.L. 78584
Smith, J.M. PDIS and the Information Highway 85776
Smith, J.R. Modern automatic voltage regulators 59730
Smith, J.R., Poukey, J.W., Cuneo, M.E., Hanson, D.L., Rosenthal, S.E., Bernard, M. Electron flow in the SABRE linear induction adder in positive polarity 67024
Smith, J.R. *see* Bandekas, D.V. 78533
Smith, J.R. *see* Cordova, J.E. 98908
Smith, J.R. *see* Fatehi, F. 89039
Smith, J.R.H., Marsh, J.W., Etherington, G., Shutt, A.L., Youngman, M.J. Evaluation of a high purity germanium detector body monitor 99011
Smith, J.S. *see* Bicknell, A. 97944
Smith, J.S. *see* Chen, G. 94451
Smith, J.S. *see* Kneissl, M. 94300
Smith, J.S. *see* Yeh, H.-J.J. 72631
Smith, J.T. *see* Mackie, R.L. 88734
Smith, J.T., III *see* Walton, M.D. 78096
Smith, K. *see* Obro, M. 72789
Smith, K. *see* Pataca, D.M. 63706
Smith, K. *see* Prasannan, V. 96815
Smith, K. *see* Ross, J. 94013
Smith, K. *see* Walliker, J. 98963
Smith, K. *see* Widdowson, T. 65787
Smith, K.A. The Lister Hill National Center for Biomedical Communications 100957
Smith, K.C. *see* Bonen, A. 87116
Smith, K.C. *see* Fakhraie, S.M. 80543
Smith, K.C. *see* Fakhraie, S.M. 83450
Smith, K.E. *see* Commean, P.K. 58828
Smith, K.M. *see* Beaumont, S.P. 88037
Smith, K.R., Apte, M.G., Ma Yuqing, Wongsekiarttirat, W., Kulkarni, A. Air pollution and the energy ladder in Asian cities 68362
Smith, K.R., Frank, K.J., Bucholz, R.D. The NeuroStation—a highly accurate, minimally invasive solution to frameless stereotactic neurosurgery 76952
Smith, K.R. *see* Trobaugh, J.W. 76951
Smith, K.S., Ran, L. Time domain simulation of cycloconverter-fed variable speed AC drives with closed-loop control 60506
Smith, K.S., Ran, L. Voltage stability assessment of isolated power systems with power electronic converters 77805
Smith, K.S. *see* Zarcone, M.J. 76730
Smith, L., Soderbarg, A., Bjorkengren, U. Continuous ink-jet print head utilizing silicon micromachined nozzles 62378
Smith, L. *see* Marino, A. 99258
Smith, L. *see* O'Connor, M. 77128
Smith, L. *see* Rosengren, L. 56502
Smith, L.E. *see* Lentine, A.L. 56420
Smith, L.E. *see* Woodward, T.K. 63617
Smith, L.K. *see* Payne, S.A. 72720
Smith, L.K. *see* Payne, S.A. 83032
Smith, L.L. *see* Sitar, Z. 69945
Smith, L.M. A practical approach in substation capacitor bank applications to calculating, limiting, and reducing the effects of transient currents 78766
Smith, L.S. Sound segmentation using onsets and offsets 64409
Smith, L.S. *see* Nichols, D.K. 71551
Smith, M. *see* Benary, O. 53327
Smith, M. *see* Benary, O. 98517
Smith, M. *see* Benary, O. 98640
Smith, M. *see* Fife, A.A. 93943
Smith, M. *see* Johnson, K.F. 76415
Smith, M. *see* Johnson, K.F. 76427
Smith, M.A. *see* Kelsall, G.J. 78452
Smith, M.A. *see* Sutcliffe, J.F. 88358
Smith, M.A. *see* Twelves, C.J. 59262
Smith, M.B. *see* Schmid, F. 100638
Smith, M.B. *see* Shizhe Li 98794
Smith, M.F., Jaszczak, R.J., Coleman, R.E. Simultaneously constraining SPECT activity estimates with primary and secondary energy window projection data 59326
Smith, M.G. *see* Kennedy, R.S. 98216
Smith, M.G. *see* Kennedy, R.S. 99410
Smith, M.J. *see* Kinghorn, A.M. 99394
Smith, M.J. *see* McGregor, J.A. 88790
Smith, M.J. *see* Poulter, E.M. 59575
Smith, M.J.T. *see* Arrowood, J.L., Jr. 80474
Smith, M.J.T. *see* Chung, W.C. 85054
Smith, M.J.T. *see* Kossentini, F. 74551
Smith, M.J.T. *see* Kossentini, F. 84733
Smith, M.J.T. *see* Kossentini, F. 85060
Smith, M.J.T. *see* Kossentini, F. 95861
Smith, M.J.T. *see* Kossentini, F. 95957
Smith, M.J.T. *see* Linares, I. 57903
Smith, M.J.T. *see* Nayebi, K. 55340
Smith, M.J.T. *see* Sodagar, I. 95612
Smith, M.L. Developing an 8-to-18-GHz DF antenna 94978
Smith, M.S., Hall, P.S. Analysis of radiation pattern effects in sequentially rotated arrays 73550
Smith, M.S. *see* Hall, P.S. 73551
Smith, M.T. *see* Klemets, A. 97111
Smith, M.W. *see* Gonin, I.M. 52994
Smith, N., Yuan, S.W. Micromagnetic modeling of a narrow-track dual magnetoresistive head 72140
Smith, N.A. *see* Moze, O. 72033
Smith, N.J., Doran, N.J. Picosecond soliton propagation using nonlinear optical loop mirrors as intensity filters 65833
Smith, N.J., Doran, N.J., Blow, K.J., Firth, W.J. Gordon-Haus jitter suppression using a single phase modulator 65785
Smith, N.J.T. *see* Spooner, N.J.C. 59151
Smith, N.S., Jr. *see* Fasching, G.E. 58710
Smith, N.V., Hulbert, S.L., Johnson, P.D., Erskine, J.L. Spherical-grating monochromator system with circular-polarization capability for the U5U undulator at Brookhaven 88276

Smith, O.A. *see* Bogachenkov, V.A. 50717
Smith, P. Reactor choice—the merits of Sizewell follow-up and longer-term options 89471
Smith, P. LAN internetworking—connectivity or networking? 96707
Smith, P. *see* Liska, B. 76303
Smith, P. *see* Muller, H. 76717
Smith, P. *see* Sangster, A.J. 51250
Smith, P.B. Spectroscopic ellipsometry as a real-time sensor for the fabrication of infrared photodiodes 98115
Smith, P.B. *see* Orloff, G.J. 93205
Smith, P.D. *see* Booker, S.M. 51217
Smith, P.D. *see* Wolfson, M.M. 77202
Smith, P.F. *see* Spooner, N.J.C. 59151
Smith, P.J. *see* Faulkner, D.W. 52532
Smith, P.L. Earthing and bonding for information technology equipment 54094
Smith, P.L., Staple, G.C. Telecommunications sector reform 96360
Smith, P.L. *see* Hsia, S.L. 71422
Smith, P.M., Creamer, C.T., Kopp, W.F., Ferguson, D.W., Ho, P., Willhite, J.R. A high-power Q-band PHEMT for communication terminal applications 80839
Smith, P.M. *see* Edmonson, P.J. 61601
Smith, P.M. *see* Edmonson, P.J. 93826
Smith, P.M. *see* Hwang, K.C. 55399
Smith, P.M. *see* Ming-Yih Kao 61916
Smith, P.M. *see* Pin Ho 55408
Smith, P.M. *see* Xu, Y. 93816
Smith, P.M. *see* Yufeng Xu 50169
Smith, P.R., Green, D.A., Naimimohasses, R. Some investigations on neural processing of scattered light in water quality assessment 88837
Smith, P.R. *see* Belenky, G.L. 62694
Smith, P.R. *see* Belenky, G.L. 92545
Smith, P.R. *see* Feuer, M.D. 66672
Smith, P.R. *see* Feygenson, A. 61914
Smith, P.R. *see* Martin, S. 55411
Smith, P.R. *see* Montgomery, R.K. 61948
Smith, P.R. *see* Naimimohasses, R. 51084
Smith, P.R. *see* Nichols, D.T. 75495
Smith, P.R. *see* Reygenson, A. 93345
Smith, P.R. *see* Ritter, D. 55913
Smith, P.W., Ganapathi, S.K., Veillard, D.H. Measurement of head-disk spacing using laser heterodyne interferometry. II. Simulation and experiments 50270
Smith, P.W., Nandhakumar, N. Accurate structure and motion computation in the presence of range image distortions due to sequential acquisition 84703
Smith, P.W., Nandhakumar, N. An accurate stereo correspondence method for textured scenes using improved power cepstrum techniques 96055
Smith, P.W. *see* Marin, S.P. 61150
Smith, P.W. *see* Veillard, D.H. 50269
Smith, P.W. *see* Ward, M.C.L. 81913
Smith, P.W.E. *see* Benjamin, S.D. 94586
Smith, R., Vourdas, A., Spencer, J.W., Jones, G.R. Power distribution into the propagating modes of an optical fibre 82532
Smith, R. *see* Henderson, P.J. 52832
Smith, R. *see* Schormans, J. 64906
Smith, R.A. *see* Fargher, H.E. 62349
Smith, R.A. *see* Flaherty, E. 62371
Smith, R.A. *see* Starczewski, T. 73049
Smith, R.A. *see* Svanberg, S. 50784
Smith, R.A. *see* Tisch, J.W.G. 63942
Smith, R.C. *see* Banks, H.T. 71878
Smith, R.D. *see* Shultz, R.D. 89006
Smith, R.E. MLS file service for network data sharing 65054
Smith, R.E. *see* Dike, B.A. 88645
Smith, R.E. *see* Ma, H. 89156
Smith, R.J., Karp, J.S., Muehllehner, G. Post injection transmission scanning in a volume imaging PET camera 88437
Smith, R.J. *see* Quinn, P.D. 98464
Smith, R.K. Tests show ability of vacuum circuit breaker to interrupt fast transient recovery voltage rates of rise of transformer secondary faults 90299
Smith, R.K., Coughran, W.M., Jr. Computational challenges in simulations of ULSI semiconductor devices 49949
Smith, R.K. *see* Pinto, M.R. 63041
Smith, R.K. *see* Pinto, M.R. 93548
Smith, R.L. *see* Chan, M.A. 66382
Smith, R.L. *see* Eaton, W.P. 71266
Smith, R.L. *see* Garabedian, R. 66248
Smith, R.L. *see* Iskander, M.F. 61425
Smith, R.L. *see* Taheri, B.A. 88506
Smith, R.L., Jr. DC control battery system protection and coordination 53845
Smith, R.P., Alien, S.T., Reddy, M., Martin, S.C., Liu, J., Muller, R.E., Rodwell, M.J.W. 0.1 μm Schottky-collector AlAs/GaAs resonant tunneling diodes 81769
Smith, R.P. *see* Alien, S.T. 92544
Smith, R.P. *see* Choudhury, D. 49961
Smith, R.P. *see* Choudhury, D. 55392
Smith, R.P. *see* Choudhury, D. 80705
Smith, R.P. *see* Eppinger, S.D. 69518
Smith, R.R., Hwang, C.C., Dougall, R.S. Modeling of a solar-assisted desiccant air conditioner for a residential building 69240
Smith, R.S. *see* Erickson, M.A. 61197
Smith, R.S. *see* Linehan, L.L. 81639
Smith, R.W. Spoken variable initiative dialog: an adaptable natural-language interface 51417
Smith, R.W., Dietrich, D.L. The bathtub curve: an alternative explanation 54637
Smith, R.W. *see* Heismann, F. 86483
Smith, R.W.M., Radford, C.J., Ducksbury, P.G., Brown, G. Conceptual Hierarchical Image Processor (CHIP), an architecture for real-time machine vision 66157
Smith, S. A new class of corner finder [feature based vision] 84653
Smith, S. Filling in the gaps: interpolation of sparse time-history data 97820
Smith, S. *see* Busta, H. 82806
Smith, S. *see* Clary, A. 75345
Smith, S. *see* Graber, Z. 75189
Smith, S. *see* Merchant, K. 50276
Smith, S. *see* Simons, D.A. 66426
Smith, S. *see* Sinclair, D. 84649
Smith, S.L., Hesselink, L. Analytical model for grating dynamics in surface-charge-dominated Pockels readout optical modulator devices 82722
Smith, S.L., Jeong, T.H. Multiple device high speed image capture for application in full color animated stereograms 56988
Smith, S.L. *see* Clarke, J.A. 87809
Smith, S.L. *see* Poole, M.W. 67207
Smith, S.L. *see* Poole, M.W. 67245
Smith, S.L. *see* Quinn, P.D. 98464
Smith, S.L. *see* Welbourne, L.A. 87820
Smith, S.M. Improving AGR performance 60045
Smith, S.M., Brady, J.M. A scene segmenter; visual tracking of moving vehicles 57696
Smith, S.M., Grimshaw, T.J. Nuclear Electric go on improving performance 78344
Smith, S.M. *see* Christenson, K.K. 71327
Smith, S.T., Howard, L.P. A precision, low-force balance and its application to atomic force microscope probe calibration 53059
Smith, S.T. *see* Gardner, J.W. 55024
Smith, S.T. *see* Howard, L.P. 52809
Smith, S.T. *see* Schirato, R.C. 59230
Smith, S.W. *see* Davidsen, R.E. 98783
Smith, S.W. *see* Goldberg, R.L. 88392
Smith, S.W. *see* Goldberg, R.L. 98785
Smith, T., Nys, O., Chevroulet, M., DeCoulon, Y., Degrauwe, M. A 15 b electromechanical sigma-delta converter for acceleration measurements 98314
Smith, T., Thomas, S., Torgersen, T., Holden, M., Koman, L.A. Waveform analysis of laser Doppler signals from normal and diabetic feet 79556
Smith, T. *see* Rein, H.-M. 80414
Smith, T. *see* Riedijk, F.R. 52847
Smith, T.B. *see* Abbott, M. 70473
Smith, T.C. *see* Witten, I.H. 51643
Smith, T.F. *see* Beckermann, C. 70977
Smith, T.I. *see* Marziali, A. 83181
Smith, T.L. *see* Bergland, G.D. 52615
Smith, T.P., III Silicon nanoelectronics: the road less travelled 71093
Smith, T.V., Smith, D.B. Fiber optic temperature sensor using a Y_2O_2S:Eu thermographic phosphor 66393
Smith, T.W. *see* Davis, J.L. 60790
Smith, W. *see* Graves, B.R. 94336
Smith, W.A. Maximal electromechanical coupling in piezoelectric ceramics—its effective exploitation in acoustic transducers 59613
Smith, W.C., Manhire, B. A new streamlined method for power-system variances recognizing generating-unit outage durations 77861
Smith, W.D. *see* Morjaria, M. 68356
Smith, W.D. *see* Nirgudkar, R.P. 85836
Smith, W.E. *see* Riek, J.K. 88463
Smith, W.F. *see* Rubel, S. 62618
Smith, W.H. *see* Boterenbrood, H. 59186
Smith, W.H. *see* Fordham, C. 59184
Smith, W.H. *see* Panescu, D. 61581
Smith, W.H. *see* Panescu, D. 67385
Smith, W.K., Krueger, A., Winters, G.S. NICMOS3 detector testing: methods and results 66415
Smith, W.R., Taylor, S., Milne, A.M. Characteristic-absorption: a general method to improve absorbing boundary conditions [EM scattering] 51087
Smith, W.S., Wittke, P.H. Differential detection of GMSK in Rician fading 51302
Smith, W.W. *see* Farquharson, S. 49039
Smith-Gillespie, R.D., Syroid, D.D. 777 LCD backlight life 77167
Smithe, D. *see* Goplen, B. 62125
Smithe, D.N. *see* Alton, G.D. 53142
Smithe, D.N. *see* Alton, G.D. 53161
Smithe, D.N. *see* Nguyen, K.T. 62060
Smither, R.K., Fernandez, P.B. Apparent temperature verses true temperature of silicon crystals as a function of their thickness using infrared measurements 87762
Smither, R.K., Fernandez, P.B. Asymmetric-cut monochromator with adjustable asymmetry 88292
Smits, E.J.M. *see* van de Kamp, M.M.J.L. 57118
Smits, J.G., Ballato, A. Dynamic admittance matrix of piezoelectric cantilever bimorphs 82178
Smits, J.G., Ballato, A. Dynamic behavior of piezoelectric bimorphs 93780
Smits, J.G., Choi, W. Piezoelectric bimorphs with quadratic behavior using biased ZnO on Si_3N_4 56101
Smits, J.G., Choi, W.S. Walking patterns generated by coupled ZnO-on-Si_3N_4 bimorphs 93789
Smits, J.G., Wai-Shing Choi Equations of state including the thermal domain of piezoelectric and pyroelectric heterogeneous bimorphs 56098
Smits, J.G., Wai-Shing Choi The effectiveness of a piezoelectric heterogeneous bimorph to perform mechanical work under various constant loading conditions 63099
Smits, K.F.A.A. *see* Malik, M. 77037
Smock, R. Base load power plans continue to expand 53720
Smoke, R.H. *see* Akin, T. 67421
Smokelin, J.-S. *see* Casasent, D. 57842
Smokelin, J.-S. *see* Casasent, D.P. 51567
Smokelin, J.-S. *see* Casasent, D.P. 74250
Smokelin, J.-S. *see* Casasent, D.P. 75585
Smokelin, J.-S. *see* Casasent, D.P. 75586
Smokty, O. *see* Kawata, Y. 77614
Smolalski, G. Averaging in measurements—its inevitability and desirability 75819
Smolcic, V. RMS — the new subsystem for transmission quality measurement on telephone circuits in the AXE 10 system 85991
Smolders, A.B. Broadband microstrip antennas 64223
Smolders, A.B. Microstrip phased array antennas 95039
Smolders, B., Visser, H.J. Tracking phased-array antennas in the Netherlands 64234
Smolders, J., Van Compernolle, D. In search for the relevant parameters for speaker independent speech recognition 84122
Smole, F., Topic, M., Furlan, J. Amorphous silicon solar cell computer model incorporating the effects of TCO/a-Si:C:H junction 100590
Smole, F. *see* Furlan, J. 100467
Smolenski, D.J. *see* Han-Sheng Lee 66263
Smoliar, S.W. *see* HongJiang Zhang 64658
Smolin, A.A. *see* Konov, V.I. 64042
Smolin, A.A. *see* Pimenov, S.M. 81560
Smolin, M. *see* Chen, M. 67349
Smolinski, W.J. *see* Helal, I. 99459
Smolka, N. *see* Skyba, P. 90097
Smolnikov, A.A. *see* Avignone, F.T. 67288
Smolnikov, A.A. *see* Sagdeev, I.R. 59153
Smolucha, J. *see* Lublinsky, B. 76353
Smolyak, A.M. *see* Zakhidov, R.A. 60462
Smolyakov, E.R. Multicriterion differential games 79550
Smolyakov, N.V. *see* Chubar, O.V. 64099
Smolyaninov, I.I. *see* Bozhevolnyi, S.I. 94648
Smolyanitskii, I.Ya. *see* Kapaev, V.V. 81748
Smooke, M.D. *see* Ern, A. 54737
Smorchkov, V.I. *see* Kroll, A.V. 98170
Smovge, A.K. Coordinate-controlled optoelectronic devices 63579
Smowton, P.M., Summers, H.D., Bees, P., Blood, P. Optimisation of 670 nm strained-quantum-well laser diodes for high-temperature operation 50847
Smowton, P.M., Summers, H.D., Rees, P., Blood, P. Threshold current of 670-nm AlGaInP strained quantum well lasers 83093
Smulders, P.F.M., Wagemans, A.G. Biconical horn antennas for near uniform coverage in indoor areas at mm-wave frequencies 95009
Smurov, I. *see* Ignatiev, M. 50990
Smy, T., Winterton, S.S., Dew, S.K., Brett, M.J. Simulation and analysis of electromigration failure distributions 49921
Smy, T. *see* Dew, S. 49915
Smy, T. *see* Liu, D. 71413
Smye, S.W., Norwood, H.M., Buur, T., Bradbury, M., Brocklebank, J.T. Comparison of extra-cellular fluid volume measurement in children by $^{99}Tc^{m}$-DPTA clearance and multi-frequency impedance techniques 77034
Smye, S.W. *see* Sutcliffe, J.F. 88358
Smykov, L.P. *see* Chernenko, S.P. 87999
Smyntyna, V.A., Gerasutenko, V., Kashulis, S., Mattogno, G., Reghini, S. The causes of thickness dependence of CdSe and CdS gas-sensor sensitivity to oxygen 66530
Smyntyna, V.A., Golovanov, V., Kashulis, S., Mattogno, G., Viticoli, S. Dependence of sensitivity and reproducibility of CdS oxygen sensors 66529
Smyntyna, V.A. *see* Grinevich, V.S. 66534
Smyth, D.M. *see* Chen, J. 50136
Smyth, D.M. *see* Raymond, M.V. 49781
Smyth, D.M. *see* Raymond, M.V. 93691
Smyth, J.A. *see* Morozoff, P.E. 98756
Smyth, N.F. *see* Pincombe, A.H. 79010
Smythe, C. *see* Hadjitheodosiou, M.H. 86247
Smythe, J. *see* Shorthouse, G. 92821
Smythe, W.R., van Westrum, D.C. A two-gap booster synchrotron RF cavity 67139
Smyton, P.A. *see* Freedman, D.D. 57509
Snapp, C. *see* Negus, K. 97135
Snapp, R. *see* Psaltis, D. 74170
Snapp, R.B. *see* Cho, S.M. 89571
Snarski, C.A. A phase error estimation algorithm: Theory, applications, and examples 75562
Snee, D. *see* Primdahl, K. 67126

Sneed, B. *see* Ren, J. 56569
Sneed, P.K. *see* Stauffer, P.R. 53447
Sneed, P.S. *see* Diederich, C.J. 98937
Sneep, J., van Esch, G., Behagel, F., Hulze, G.G. Adjustment-free IC for VHS VCR FM and linear audio 66061
Snegov, F.M. *see* Andreev, A.N. 93360
Sneiderman, C., Schosser, R., Pearson, T.G. A comparison of JPEG and FIF compression of color medical images for dermatology 88398
Snelgrove, W.M. *see* Gao, W. 70784
Snell, D., Beckley, P. Domain refinement of high-permeability grain-oriented electrical steel using low-friction ball units 63137
Snell, K. *see* Mathieu, P. 56692
Snell, L. Maths functionality for maths-phobics 49108
Snell, R. *see* Tresp, V. 53376
Snelling, J.P. *see* Carey, R. 71997
Snelling, R.K. Prometheus unbound 51997
Snelling, W.E., Geraniotis, E. Analysis of compressive receivers for the optimal interception of frequency-hopped waveforms 52317
Snellings, R.J.M. *see* Bootsma, T.M.V. 98638
Snezhko, S.E. Light pulse sensor for automated control of low-frequency torsion pendulum 52874
Sng, K., Liew, A.C. Adaptive torque control of indirect-field oriented induction drive by stator current matching and rotor flux positioning 78869
Sng, Y.H. *see* Maani, G.G. 100256
Snider, F.D. *see* Amidei, D. 98639
Snider, G.L. *see* Soh, Y.-A. 71144
Snider, J.B. *see* Allnutt, R.M. 94816
Snider, J.B. *see* Matrosov, S.Y. 99212
Snider, L.A. *see* Sharaf, A.M. 53744
Snider, L.A. *see* Sharaf, A.M. 60557
Snider, L.A. *see* Sharaf, A.W. 99675
Snider, L.A. *see* Sharat, A.M. 59925
Snider, M.A., Hayse, J.W., Hlohowskyj, I., LaGory, K. Multispectral airborne videography evaluates environmental impact 67790
Snidero, P. *see* Bernardini, A. 96997
Snigirev, A.A. *see* Tarazona, E. 67412
Snigirev, O. *see* Maslennikov, Y.V. 72169
Snigireva, I.I. *see* Tarazona, E. 67412
Snijder, H.P., Van Leeuwen, C. A minimal architecture for detecting object location and motion 95886
Snitchler, G. *see* Shu, Q.S. 87932
Snitka, V. Stepping ultrasonic motors for precision positioning 100176
Snitzer, E. *see* Fengqing Wu 94429
Snitzer, E. *see* Prohaska, J.D. 63411
Snitzer, E. *see* Wang, J.S. 94081
Snitzer, E. *see* Wang, J.S. 94380
Snitzer, E. *see* Wei, K. 63341
Snnikrishnan, U., Yoon, G.W., Kwong, D.L. Applications of rapid thermal chemical vapor deposition technology to ULSI material processing and device fabrication 48989
Snoeij, P. *see* Swart, P.J.F. 77697
Snoeks, E. *see* Fleuster, M. 72644
Snoeys, W., Plummer, J.D., Parker, S., Kenney, C. PIN detector arrays and integrated readout circuitry on high-resistivity float-zone silicon 63578
Snow, J. *see* Danisch, L. 76026
Snow, P.A. *see* Day, I.E. 63997
Snow, P.B. *see* Apostolov, A.P. 68341
Snow, S. *see* Duerdoth, I. 88012
Snow, S. *see* Duerdoth, I. 88207
Snowbell, M., Fischer, B. Dynamic range compression of images by two-wave mixing in photorefractive materials 74445
Snowden, C.M. *see* Iezekiel, S. 72653
Snowden, C.M. *see* Perkins, J.H. 55651
Snowden-Ifft, D.P. *see* Ahlen, S.P. 59097
Snowdon, K.G. Environmental life cycle assessment of face plates used in the telecommunications industry 79258
Snyder, A.W. *see* Lerner, L. 83320
Snyder, C. *see* Brannon, J. 70965
Snyder, C. *see* Hull, R. 83124
Snyder, D. *see* Maruyama, X.K. 67219
Snyder, D. *see* Srivastava, A. 97394
Snyder, D.L. Siting low-power radio transceivers for PCS 58348
Snyder, D.R. *see* Ducharme, A.D. 66444
Snyder, E.J. *see* Grey, F. 61403
Snyder, E.S., Pierce, D.G., Campbell, D.V., Swanson, S.E. Self-stressing structures for electromigration testing to 500 MHz 62507
Snyder, E.S. *see* Pierce, D.G. 62518
Snyder, F.P. Nonreciprocal ionospheric penetration depth at VLF 83669
Snyder, J. *see* Abe, K. 88115
Snyder, J.J. Cylindrical micro-optics 50561
Snyder, R.V. A compact, high power notch filter with adjustable F_0 and bandwidth 70721
Snyder, S., Tellman, L., Torrey, P., Kohli, S. INS/GPS operational concept demonstration (OCD) high gear program 67961
Snyder, S., Tellman, L., Torrey, P., Kohli, S. INS/GPS operational concept demonstration (OCD) High Gear program 88911
Snyder, S. *see* Bhanu, B. 74299
Snyder, S.D., Hansen, C.H. The effect of transfer function estimation errors on the filtered-x LMS algorithm 57558
Snyder, W.E. *see* Abdelqader, I.M. 84989
Snyder, W.E. *see* Kwanghoon Sohn 64863
Snyder, W.E. *see* Wang, C.X. 76941
Snyders, J. *see* Poltyrev, G. 73633
Snydstrup, L.P. *see* Jia, L.X. 94006
Snydstrup, L.P. *see* Lin, X.J. 98479
Snyman, D.B., Enslin, J.H.R. Novel technique for improved power conversion efficiency in systems with battery back-up 53969
Snyman, D.B., Enslin, J.H.R. Simplified maximum power point controller for PV installations 99998
Snyman, J.A. *see* de Klerk, E. 69771
Snytkin, Yu.V. *see* Morozov, I.A. 65868
So, A.T.P., Li, K.C., Chan, W.L. Adaptive compression for image sequence recording and analysis 88478
So, A.T.P. *see* Chan, F.H.Y. 60489
So, A.T.P. *see* Chan, W.L. 59923
So, A.T.P. *see* Chan, W.L. 99788
So, B.S., Kime, C.R. ICAT: incremental combinational ATPG 49376
So, B.S. *see* Patel, A.M. 50334
So, D.W.C., Seshadri, S.R. Thin dielectric waveguide with a phased array of two gratings on its surfaces 63430
So, E., Miljanic, P.N., Angelo, D. A computer-controlled current-comparator-based load loss standard for calibrating high-voltage power measurement systems 86933
So, E.C.T., Williams, R.G.D., Yang, S.J. A simple model to calculate the stator radial vibration of a hybrid stepping motor 68656
So, H.C., Ching, P.C., Chan, Y.T. A new algorithm for explicit adaptation of time delay 74085
So, H.C., Ching, P.C., Ho, H.C., Chan, Y.T. A novel constrained algorithm for delay estimation in the presence of multipath transmissions 74055
So, H.C. *see* Ching, P.C. 84570
So, I. *see* Chung, Y. 76478
So, K. *see* Xydeas, C. 73830
So, K.K. *see* Li, K.C. 70246
So, K.K.M. *see* Xydeas, C.S. 95333
So, K.S., Allan, R.N. Time dependent reliability assessment of electrical auxiliary systems 60034
So, L. *see* Ke-Chih Wu 62647
So, P.P.M. *see* Eswarappa, C. 80655
So, W.C., Lee, C.K. Invariant line segmentation for object recognition 95818
So, W.C., Tse, C.K., Lee, Y.S. A fuzzy controller for DC-DC converters 91884
Soame, T.A., Jarrott, R.K. Architecture of an HF Skywave Radar Network 97413
Soan, P.J., Damzen, M.J., Aboites, V., Hutchinson, M.H.R. Long-pulse self-starting stimulated-Brillouin-scattering resonator 63903
Soares, D.A.W. *see* de Oliveira, A.G. 50665
Soares, D.A.W. *see* Medeiros-Ribeiro, G. 49774
Soares, E. *see* Fenzi, N. 92489
Soares, E.R. *see* Fenzi, N.O. 80648
Soares, G.A. *see* Daldegan, J., Jr. 89858
Soares, I.M. *see* Almeida, D.P. 67302
Soares, J.C. *see* Freitas, P.P. 71977
Soares, M.J. *see* Papamichael, N. 48835
Soares, S., Padin, S.F. A wide band tracking delay for radio astronomy 75690
Soares, S. *see* Almeida, K.C. 53618
Soares, S. *see* Almeida, K.C. 59789
Soares, S. *see* Franco, P.E.C. 77960
Soares, S.F. *see* O'Connor, S.D. 98013
Soatto, S., Perona, P. Three dimensional transparent structure segmentation and multiple 3D motion estimation from monocular perspective image sequences 96077
Soatto, S., Perona, P., Frezza, R., Picci, G. Recursive motion and structure estimation with complete error characterization 96019
Soave, C. *see* Lemeilleur, F. 76757
Soave, R.J. *see* McGuire, S.C. 62205
Soba, S. *see* Hrovat, M. 66311
Sobczak, R. *see* Mattischek, H.-P. 66782
Sobczyk, T.J. Algorithms for direct determination of steady-states in electromechanical energy converters 90114
Sobczyk, T.J., Weinreb, K., Wegiel, T. Theory of space harmonic interactions in synchronous motors 89869
Sobczynski, S., Averill, R., Farkhondeh, M., Sapp, W., Sibley, C. Electrostatic septa design and performance for injection and extraction to and from the MIT-Bates South Hall Ring (SHR) 67197
Sobczynski, S. *see* Ihloff, E. 87649
Sobehart, J.R. *see* Reyna, L.G. 79998
Sobek, D., Young, A.M., Gray, M.L., Senturia, S.D. A microfabricated flow chamber for optical measurements in fluids 59380
Sobel, D. *see* Landau, S. 83927
Sobel'man, I.I. *see* Mikerov, V.I. 74015
Soberg, J. *see* Edberg, D. 99058
Sobey, C. *see* Weisen, K. 50331
Sobey, C.H., Lansky, R.M., Perkins, T. A drive-level error rate model for component design and system evaluation 72155
Sobh, T.M., Jaynes, C., Henderson, T.C. A discrete event framework for intelligent inspection 48717
Sobhan, M.A. *see* Aziz, M.A. 54584
Sobhani, S. *see* Chokhawala, R. 61528
Sobhani, S. *see* Yi Zhang 80114
Sobhy, M. *see* Russer, P. 80657
Sobhy, M.I., Hosny, E.A., Russer, P., Isele, B., Christopoulos, C. Interfacing the transmission line method (TLM) and state-space (SS) techniques to analyse general non-linear structures 49123
Sobhy, M.I. *see* Royer, K.W. 49670
Sobierajski, M., Jakubowicz, A., Skakowski, R. Steady-state and dynamic models of a power system for studying voltage stability 99426
Sobierajski, M., Jakubowski, A., Skakowski, R. Implementation of steady-state and dynamic models of a power system for numerical study of voltage stability 99454
Sobiesierski, Z. *see* Williams, J.P. 69940
Sobieski, P., Bliven, L., Branger, H., Giovanangeli, J.P. Experimental comparison of scatterometric signatures from a water surface agitated by wind and artificial rain 77498
Sobieski, P. *see* Guissard, A. 88797
Sobin, S.V. Analog-digital measurement of the mean value of the envelope of a Gaussian signal 84214
Sobisch, B. *see* Beckmann, R. 70112
Sobocki, R. Numerical processing of the results of a heat test of power transformers 100199
Sobodacha, C.J. *see* Norwood, R.A. 81676
Sobol, A. *see* Basiev, T. 72772
Sobol, H. *see* Yuqiang Tang 97104
Sobol', S.V. *see* Bityurin, A.K. 78492
Sobolev, B.P. *see* Sharonov, M.Yu. 83031
Sobolev, G.A., Soboleva, S.B. Properties and processing of the layers of dichromated gelatin for holography 56974
Sobolev, N.A. *see* Emtsev, V.V. 81194
Sobolev, V.P. *see* Krot, A.I. 58769
Sobolev, Ya.P. *see* Sonwalkar, V.S. 94805
Soboleva, S.B. *see* Sobolev, G.A. 56974
Sobolewski, M.A., Olthoff, J.K. Electrical sensors for monitoring RF plasma sheaths 62427
Sobolewski, R., Shi, L., Gong, T., Xiong, W., Weng, X., Kostoulas, Y., Fauchet, P.M. Femtosecond optical response of Y-Ba-Cu-O films and their applications in optoelectronics 63308
Sobolewski, R., Xiong, W., Kula, W., Maung, W.N., Butler, D.P. Monolithic Y-Ba-Cu-O structures fabricated using the laser-writing patterning technique 56253
Sobolewski, R. *see* Alexandrou, S. 70821
Sobolewski, R. *see* Alexandrou, S. 72587
Sobolewski, R. *see* Win Naing Maung 55381
Sobolewski, R. *see* Win Naing Maung 92493
Sobolewski, R. *see* Xiong, W. 93936
Sobolewski, Z. *see* Alexander, J.P. 59072
Sobolewski, Z. *see* Alexander, J.P. 70305
Sobolewski, Z. *see* David, G. 87983
Sobottka, S.E. *see* Shepherd, J.A. 59116
Sobottka, S.E. *see* Shepherd, J.A. 59235
Sobottka, S.E. *see* Williams, M.B. 59226
Sobrinho, C.L.S.Souza *see* Souza Sobrinho, C.L.S.
Sobrinho, J.L., Brazio, J.M. C-MCMA: a new multiple access protocol for centralized wireless local networks 74976
Sobrinho, J.L., Brazio, J.M. D-MCMA: a new multiple access protocol for distributed wireless local networks 74977
Sobrino, J.A. *see* Coll, C. 53525
Sobry, R. *see* Manivannan, G. 57006
Sobue, S., Asakawa, T., Takagi, M. A study of a relation between Earth observation satellite data compression and stretch 77287
Sobue, S., Takagi, M., Sakata, E., Cho, K. An experiment on near real time JERS-1 image data transmission system using data compression and ISDN network 77286
Sobue, S. *see* Arai, K. 77288
Sobue, S. *see* Tada, T. 77311
Socard, A. *see* Gardan, D. 86382
Socha, R.J., Neureuther, A.R., Singh, R. Printability of phase-shift defects using a perturbational model 62577
Sochacka, M., Lopez Lago, E., Jaroszewicz, Z. Refractive-index profiling of planar gradient-index waveguides by phase-measuring microinterferometry 66700
Sochacki, J. *see* Jaroszewicz, Z. 72381
Sochava, A.A. *see* Tretyakov, S.A. 64132
Sochinskii, N.V., Serrano, M.D., Babentsov, V.N., Tarbaev, N.I., Garrido, J., Dieguez, E. Short-time annealing of as-grown p-CdTe wafers 81455
Sochtig, J. *see* Hofstetter, D. 94528
Socic, M. *see* Wijegunaratne, I. 75013
Socino, G. *see* Carlotti, G. 93742
Sock Chang Nion *see* Nion Sock Chang
Sock Choi Jai *see* Jai Sock Choi
Socolar, J.E.S. *see* Gauthier, D.J. 91934
Soda, H. *see* Kobayashi, H. 83164
Soda, H. *see* Kurakake, H. 63830
Soda, H. *see* Sahara, R. 56416
Soda, H. *see* Uchida, T. 50848
Soda, M., Tezuka, H., Sato, F., Hashimoto, T., Nakamura, S., Tatsumi, T., Suzaki, T., Tashiro,

T. Si-analog ICs for 20 Gb/s optical receiver 97327
Sodagar, A.M. *see* Roientan Lahiji, G. 80141
Sodagar, I., Nayebi, K., Barnwell, T.P., III A class of time-varying wavelet transforms 84254
Sodagar, I., Nayebi, K., Barnwell, T.P., III, Smith, M.J.T. A new approach to time-varying FIR filter banks 95612
Sodeikat, H., Kossack, J. EURO-SCOUT—important component of a Universal Vehicle Information System 75268
Soden, J.M. *see* Cole, E.I., Jr. 62947
Soderbarg, A., Edholm, B., Olsson, J., Tiensuu, S., Johansson, E. Silicon on diamond heat sinks by bonding and etch back 93111
Soderbarg, A. *see* Smith, L. 62378
Soderberg, B., Miller, D. Image generation design for ground-based network training environments 52131
Soderberg, F. *see* Carlberg, C. 88261
Soderberg, I. How the design of the premises supports a new organizational structure as viewed by full-time operators in large-scale teleservices 65116
Soderberg, I. *see* Aberg, E. 65212
Soderberg, I. *see* Westlander, G. 65213
Soderkvist, J. Micromachined gyroscopes 66238
Soderkvist, J., Hjort, K. The piezoelectric effect of GaAs used for resonators and resonant sensors 50127
Soderkvist, J. *see* Bexell, M. 68662
Soderkvist, J. *see* Hjort, K. 52807
Soderman, P.-O. *see* Olsson, N. 98509
Soderqvist, J. *see* Gingrich, D. 53291
Soderstrand, M.A. The new electrical and computer engineering curricula at University of California-Davis 60777
Soderstrand, M.A. *see* de la Serna, A.E. 70756
Soderstrom, J.R. *see* Dubrovskii, Yu.V. 81292
Soderstrom, J.R. *see* Songpongs, P. 81294
Soderstrom, R.L., Baumgartner, S.J., Beukema, B.L., Block, T.R., Karst, D.L. CD laser optical data links for workstations and midrange computers 97361
Soderstrom, T. *see* Eriksson, A. 51445
Soderstrom, T. *see* Eriksson, A. 84354
Soderstrom, T. *see* Eriksson, A. 84535
Soderstrom, T. *see* Kangas, A. 95464
Soderstrom, T. *see* Stoica, P. 51459
Soderstrom, T. *see* Stoica, P. 57527
Soderstrom, T. *see* Stoica, P. 84392
Sodha, M.S., Chandra, R., Rana, S. Optimum size of base load generators for growing demand 78352
Sodha, M.S., Medhekar, S., Konar, S., Saxena, A., Rajkamal Absorption/amplification-induced self-tapering and uptapering of a laser beam in a saturable nonlinear medium: large nonlinearity 73051
Sodha, M.S. *see* Shail 60094
Sodini, C.G., Krisch, K.S. Silicon oxynitride gate dielectrics for scaled CMOS 63005
Sodini, C.G. *see* Bing Wang 71814
Sodini, C.G. *see* Fang, H. 63006
Sodini, C.G. *see* Gross, B.J. 62847
Sodini, C.G. *see* Herrmann, F.P. 70625
Sodini, C.G. *see* Nadeem, S. 80407
Sodini, C.G. *see* Sadeem, S. 70707
Sodolski, J. Public policy must maintain fair competition as its goal [telecommunication industry] 51893
Soeda, K., Komuro, T., Kondou, K., Goto, H., Yamazaki, Y., Asano, S., Maeda, K., Maruyama, S., Echigoya, K., Yamagami, M., Watarai, T., Katagiri, S. BiCMOS 256 K bit/1 M bit high-speed static RAM family 61704
Soejima, N. *see* Takata, I. 55881
Soekawa, H. *see* Kumagai, T. 76034
Soelberg, K., Sigvartsen, R.L., Lande, T.S., Berg, Y. An analog continuous-time neural network 49610
Soelberg, P. *see* Benjaminsen, J.T. 89286
Soerensen, P.D. *see* Nunes, M.S. 52279
Soering, A. *see* Davis, J.A. 86907
Soffa, W.A. *see* Zhang, B. 72013
Soffer, B.H., Kukuchi, R. Quantum statistics basis, thermodynamic analogies and the degree of confidence for maximum entropy restoration and estimation 61067
Soffer, B.H. *see* Lohmann, A.W. 64825
Soffer, B.H. *see* Owechko, Y. 56487
Soffer, B.H. *see* Owechko, Y. 63526
Sof'in, M.V. *see* Kritskii, V.G. 89479
Sofko, G.J. *see* Haldoupis, C. 59556
Sofko, G.J. *see* Hall, G.E. 59542
Sofko, G.J. *see* Oznovich, I. 99194
Sofko, G.J. *see* St.-Maurice, J.-P. 59543
Sofko, G.J. *see* Uspensky, M.V. 67808
Sofko, G.J. *see* Uspensky, M.V. 94804
Sofo, J.O., Mahan, G.D., Baars, J. Transport coefficients and thermoelectric figure of merit of n-$Hg_{1-x}Cd_xTe$ 81221
Sofsky, M. *see* Holzapfel, W. 56501
Soga, O., Hoshikawa, E., Nakamura, T., Okugawa, K. Flexible multi-layer printed circuit board design by use of "SPRINT" CAD system 62004
Soga, T., Jimbo, T., Umeno, M. Minority carrier properties of GaAs on Si grown by metalorganic chemical vapor deposition 55604
Soga, T., Uehiro, M., Azuma, Y., Yang, M., Jimbo, T., Umeno, M. Time-resolved photoluminescence characterization of GaAs and AlGaAs on Si substrate grown by MOCVD 100449
Soga, T. *see* Mingju Yang 60477
Soga, T. *see* Mingju Yang 100447
Soga, T. *see* Ogawa, T. 55834
Soga, T. *see* Scheckler, E.W. 71453
Soga, T. *see* Umeno, M. 100686
Sogaard, H.T. *see* Madsen, H. 89654
Sogaard-Andersen, J.F. *see* Lampson, B.W. 85297
Sogabe, H. *see* Takeuchi, A. 58593
Sogawa, T., Ando, S., Kanbe, H. Growth of GaAs/AlAs trench-buried multiple quantum wires by metalorganic chemical vapor deposition on V-grooved substrates 61297
Sogawa, Y. *see* Fujimoto, K. 100615
Sogawa, Y. *see* Ishida, H. 96890
Soghayroun, A.A. *see* Elobeid, A.R. 51411
Sogomonyan, E.S. *see* Goessel, M. 49382
Soh, C. *see* Neo, B.S. 85415
Soh, L.K. *see* Haverkamp, D. 77431
Soh, Y.-A., Snider, G.L., Rooks, M.J., Craighead, H.G., Parpia, J. Fabrication of a multilevel structure for nanophysics in two-dimensional electron gases 71144
Soh, Y.C. *see* Lihua Xie 84236
Soh Jung *see* Jung Soh
Soh Leen-Kiat *see* Leen-Kiat Soh
Soheili, R., Kondoz, A.M., Evans, B.G. An 8 kbit/s LD-CELP with improved excitation and perceptual modelling 84105
Sohler, W. *see* Brinkmann, R. 50572
Sohler, W. *see* Brinkmann, R. 94389
Sohler, W. *see* Dinand, M. 72736
Sohler, W. *see* Tian, F. 75470
Sohmuta, M. *see* Kawasaki, S. 63501
Sohn, A. *see* Magnusson, R. 55365
Sohn, E. *see* Chang, K.H. 97645
Sohn, E.J. *see* Gerhart, G.R. 64616
Sohn, J. *see* Mlcak, R. 55822
Sohn, L.L., Octavio, M. RF response of single-plaquette Josephson-junction arrays 50427
Sohn, L.L., Romijn, J., van der Drift, E., Elion, W.J., Mooij, J.E. Fabrication of a quasi-three-dimensional Josephson-junction array 50428
Sohn, W., Kehtarnavaz, N. Analysis of sensor movement errors in monocular vision-based tracking systems 57914
Sohn, Y.U. *see* Kang, B.K. 76650
Sohn Chang *see* Chang Sohn
Sohn Chang-Jin *see* Chang-Jin Sohn
Sohn Eunyoung *see* Eunyoung Sohn
Sohn Kwanghoon *see* Kwanghoon Sohn
Sohne, W., Heinze, O., Groten, E. Integrated INS/GPS system for high precision navigation applications 65963
Sohng Kyu Ik *see* Kyu Ik Sohng
Sohr, O. *see* Gerber, J. 70094
Sohrabi, M., Katouzi, M. Discovery of a new ECE parameter affecting the response of polymer track detectors 88197
Sohrabi, M., Mahdi, S. A 'Quick DYECET' method for ECE particle tracks in polymer detectors 88079
Sohrabi, M., Sadeghi, M. Discovery of some phenomena in polycarbonate detectors by a novel triplet ECE technique 88080
Sohraby, K. On the asymptotic analysis of statistical multiplexers with hyper-bursty arrivals 65535
Sohraby, K. Input selective cell tagging and discarding with MMPP traffic model for BISDN/ATM congestion control 85884
Sohraby, K., Sidi, M. On the performance of bursty and modulated sources subject to leaky bucket rate-based access control schemes 51753
Sohraby, K. *see* Chowdhury, S. 64937
Sohraby, K. *see* Chung-Sheng Li 64921
Sohraby, K. *see* Matragi, W. 64950
Sohraby, K. *see* Matragi, W. 64951
Sohraby, K. *see* Sairamesh, J. 85854
Soicher, H., Gorman, F.J., Tsedilina, E.E., Weitsman, O.V. Ionospheric f_0F_2 values and their gradients at European longitudes 83672
Soicher, H. *see* Fang, D. 73342
Soicher, H. *see* Tsedilina, E.E. 73327
Soifer, V.A., Doskolovich, L.L., Golub, M.A., Kazanskiy, N.L., Kharitonov, S.I., Perlo, P.P. Multi-focal and combined diffractive elements 50560
Soifer, V.A. *see* Kotlyar, V.V. 50903
Soifer, V.A. *see* Kotlyar, V.V. 50904
Soifer, V.A. *see* Solovjev, V.S. 57014
Soille, P., Gratin, C. An efficient algorithm for drainage network extraction on DEMs 64726
Soini, J. *see* Ahlback, J. 82424
Soininen, R., Defee, I., Neuvo, Y. Static image format conversion for advanced multimedia 85012
Soinski, M. *see* Moses, A.J. 63251
Soirinsuo, T. *see* Beeler, R. 58230
Sok Kim Eun *see* Eun Sok Kim
Sok Won Kim, Sung Hong Hahn, Jong Chul Kil, Daesung Chi, Jung Hun Kim Nonlinear effects of the detector in flash method for the measurement of thermal diffusivity 76242
Sokalski, I.A. *see* Belolaptikov, I.A. 59156
Sokkarie, A., Osborne, J. Object counting and sizing 84860
Sokol, E.I., Domnin, I.F., Fetyukhina, L.V. Analysing the effectiveness of using an arithmetic multiplier in controllers 80126
Sokol, J.P. An introduction to electronics for private security students 90836
Sokolic, S., Amon, S. Modelling heavy doping effects for low temperature device simulations 62634
Sokolinskiy, V.G. Calculation of the noise immunity of APSK signals in nonlinear circuits 57324
Sokolnicki, E. *see* Zycki, Z. 50384
Sokoloff, J.P. *see* Kane, M.G. 96165
Sokoloff, J.P. *see* Prucnal, P.R. 52550
Sokoloff, M.D. *see* Abe, K. 88115
Sokoloff, M.D. *see* Antilogus, P. 59064
Sokoloff, M.D. *see* Antilogus, P. 59127
Sokolosky, J. *see* Zhang, Y.T. 98894
Sokolov, A.A. *see* Al'betkov, S.V. 60298
Sokolov, A.S., Vinokurov, N.A. Computations of longitudinal electron dynamics in the recirculating CW RF accelerator-recuperator for the high average power FEL 50883
Sokolov, A.S. *see* Mitrofanov, D.G. 58457
Sokolov, B.Yu. *see* Mukimov, K.M. 87346
Sokolov, B.Yu. *see* Sigal, G.P. 98024
Sokolov, D.V. *see* Grigor'evskii, V.I. 82224
Sokolov, E.V. *see* Antakov, I.I. 62108
Sokolov, E.Ya. The development of district heating schemes in Russia 89665
Sokolov, G.A., Novichkov, Yu.A., Lyashenko, A.A. Thermal microprocessor flowmeters 87598
Sokolov, I.A. *see* Alekseev, A.N. 91451
Sokolov, L.V. *see* Pchelyakov, O.P. 48916
Sokolov, N.A. *see* Berlin, B.Z. 85451
Sokolov, N.A. *see* Dokuchaev, V.A. 85579
Sokolov, N.P. *see* Arsenev, L.V. 53952
Sokolov, N.S. *see* Al'vares, Kh.K. 49829
Sokolov, R. *see* Rogers, J. 74123
Sokolov, S., Karri, R. Allocation and binding during fault-secure microarchitecture synthesis 91756
Sokolov, S.V. Solving the problem of the discrete-continuous stochastic signal optimal estimation at the generalized dynamic observation 51279
Sokolov, S.V. The constructional principle of optical-fiber computers 63512
Sokolov, S.V. Suboptimal filtration based on the polymodal approximation of the a posteriori density 74020
Sokolov, S.V. Designing optical data converters 82769
Sokolov, S.V. *see* Aseev, A.A. 66934
Sokolov, S.V. *see* Asseev, A.A. 66933
Sokolov, V.F. *see* Grinenko, S.G. 87345
Sokolov, V.O., Sulimov, V.B. Formation of electrostatic field grating in glass by optical and acoustical waves 63976
Sokolov, V.O. *see* Dianov, E.M. 63972
Sokolov, Yu.M. *see* Anisimov, V.I. 55114
Sokolova, N.O. *see* Boroditskii, M.L. 54967
Sokolovsky, V. *see* Meerovich, V. 63331
Sokolowska, A. *see* Mycielski, W. 81175
Sokolowska, A. *see* Szmidt, J. 81854
Sokolowski, J.S. *see* Facco, A. 67085
Sokolsky, P. *see* Bird, D. 98533
Sol, C. *see* Cailleux, H. 89873
Sol, C. *see* Cailleux, H. 100082
Solak, M.K. Algebraic criteria of temporal stability for image processing neuro chips 97850
Solak, M.K., Peng, A.C. Eigenvalue localization of G-stable matrix polytopes 54650
Solal, M., Hode, J.-M. A new compact SAW low loss filter for mobile radio 93823
Solal, M. *see* Ventura, P. 93813
Solanki, R. *see* Kim, D.M. 63574
Solanki, R. *see* Kong, W. 72616
Solano, J., Garcia Nocetti, D.F. Implementation of a parametric spectral estimator using genetic algorithms 57475
Solano, J. *see* Garcia Nocetti, D.F. 59252
Solari, H.G., Oppo, G.-L. Laser with injected signal: perturbation of an invariant circle 82891
Solarz, M. *see* He, Y.D. 98596
Solbach, H.B. *see* Hinrichsen, V. 99633
Solberg, A.H.S., Jain, A.K., Taxt, T. Multisource classification of remotely sensed data: fusion of Landsat TM and SAR images 77321
Solberg, A.H.S. *see* Bjerde, K.W. 77674
Solberg, A.S. *see* Huseby, R.B. 99137
Solberg, R. Mapping of snow cover by ERS-1 SAR 77462
Solberg, R., Egeland, T. Automatic feature selection in hyperspectral satellite imagery 77208
Solberg, R. *see* Bjerde, K.W. 77674
Solberg, T. *see* Kimme-Smith, C. 76960
Solberg, V., Lau, J., Larner, C., Erasmus, S., Dolot, S., Quilty, W. No clean reflow process for 0.4 mm pitch, 256-pin fine pitch quad flat pack 90996
Solbrig, C. *see* Clarksean, R. 89524
Soldano, L.B., de Vreede, A.I., Smit, M.K., Verbeek, B.H., Metaal, E.G., Green, F.H. Mach-Zehnder interferometer polarization splitter in InGaAsP/InP 50552
Soldano, L.B. *see* Besse, P.A. 72416
Soldatenkov, V.A. *see* Gruzevich, Yu.K. 72473
Soldatkin, A.P. *see* Nyamsi Hendji, A.M. 98139

Soldatkin, A.P. *see* Shul'ga, A.A. 87310
Soldatov, A.N., Fedorov, T.F., Yudin, N.A. Efficiency of a copper vapour laser with partial discharge of a storage capacitor 94332
Soldevilla, J.G. *see* Hilgenkamp, J.W.M. 66310
Sole, J. *see* Marzo, J.L. 65085
Sole, P. *see* Barlaud, M. 74327
Sole, P. *see* Barlaud, M. 85058
Sole, P. *see* Bonnecaze, A. 73647
Sole, P. *see* Hammons, A.R., Jr. 73694
Sole, P. *see* Loyer, P. 73650
Sole-Pareta, J., Domingo-Pascual, J. Burstiness characterization of ATM cell streams 74646
Sole-Pareta, J. *see* Fabregat-Gesa, R. 85363
Soleimani, H.R., Philipossian, A., Doyle, B. A study of the growth kinetics of SiO_2 in N_2O[for MOSFETs] 62492
Solensten, L. *see* Sredniawski, J. 76443
Soler, R., Guillet, J. Robotic maintenance of the EDF transmission (63 to 400 kV) network: feasibility study and effects on tower design 78042
Soler, R., Moreau, C. Determination of the energy duty due to lightning surges through 63 kV arresters installed on a tower 53820
Soler, R. *see* Rieffel, O. 99726
Soleres, E., Roncin, J.C., Gardan, D. Availability modelling for flexible optical access networks (FON) 97241
Solewicz, J.A., Moraes, J.A., Alcaim, A. Text-to-speech system for Brazilian Portuguese using a reduced set of synthesis units 95337
Solheid, D.P. *see* Fee, J.M. 80944
Solheim, A. *see* May, G. 58418
Solheim, F. *see* Rocken, C. 59550
Solheim, F. *see* Ware, R. 59537
Solheim, N. *see* Gusewell, D. 76381
Soli, G.A. *see* Buehler, M.G. 62980
Soliman, F.A. *see* Abdel-Salam, M.S. 64112
Soliman, F.A.S., Rageh, M.S.I. Space photovoltaic systems and nuclear radiation 77187
Soliman, F.A.S. *see* Ashry, H.A. 88582
Soliman, F.A.S. *see* Kamh, S.A. 80168
Solimini, D. *see* Baronti, S. 77655
Solin, D.A. *see* Bernhardt, P.A. 83690
Solina, F. *see* Jaklic, A. 95693
Solis, J. *see* Afonso, C.N. 93178
Solis, R. *see* Switalski, D. 62426
Soljanin, E., Georghiades, C.N. On coding in multi-track, multi-head, disk recording systems 72149
Solka, J.L. *see* Woods, K.S. 59276
Solkner, G. *see* Gornik, E. 82349
Solkner, G. *see* Weigel, R. 98376
Solleder, R. All-current-sensitive fault current protection equipment for industrial application 100963
Sollee, J.L. *see* Duncan, W.A. 94334
Sollenberger, N.R. Diversity and automatic link transfer for a TDMA wireless access link 75292
Sollenberger, N.R. *see* Afrashteh, A. 52403
Sollenberger, N.R. *see* Chuang, J.C.-I. 52406
Sollenberger, N.R. *see* Chuang, J.C.-I. 65633
Sollenberger, N.R. *see* Chuang, J.C.-I. 97053
Soller, B.R. Design of intravascular fiber optic blood gas sensors 67511
Soller, B.R. *see* Auerbach, A.H. 67437
Sollero, R.B., Phadke, A.G. Recovering the primary voltage from CVT's secondary waveform 90060
Sollner, J., Scholl, M., Schneider, A., Heuken, M., Woitok, J. Optimization of strained short-period ZnSSe/ZnSe superlattices grown by metalorganic vapour phase epitaxy 61286
Sollner, J. *see* Petersen, K. 63320
Sollner, T.C.L.G. *see* Lyons, W.G. 93933
Solnet, R., Poponiak, M., Young, G., Wasson, L. The technical professional advancement program... strengthening IBM, strengthening America 60797
Solntsev, S. *see* Zeman, M. 100605
Solntsev, V.A. *see* Romashin, N.L. 83768
Solodkov, A. *see* Ariztizabal, F. 98518
Solodov, E. *see* Abe, K. 88115
Solodov, E. *see* Antilogus, P. 59064
Solodov, E. *see* Antilogus, P. 59127
Solodov, E.P. *see* Aksenov, G.A. 52770
Solodov, G. *see* Baublis, V.V. 59244
Solodov, G. *see* Carrigan, R.A., Jr. 59039
Solodovnik, V.F. *see* Karyuk, A.P. 80166
Solodskaya, T.I. *see* Bagaeva, T.Yu. 92944
Solodukha, A.M., Gubanova, Zh.A. First return map for chaotic oscillations of a RLC circuit with a ferroelectric capacitor 70720
Soloff, J.M. *see* Bull, D.R. 74505
Solokoff, J.P. *see* Boncek, R.K. 52584
Solokoff, J.P. *see* Glesk, I. 75168
Solomatin, V.S. *see* Krasnikov, V.V. 59374
Solomchak, O.V. *see* Borisov, R.I. 59840
Solomko, A.A. *see* Zaets, V.I. 82752
Solomon, C. *see* Hunter, S. 63357
Solomon, J. *see* Baumbaugh, B. 59149
Solomon, J.A., Watson, A.B., Ahumada, A. Visibility of DCT basis functions: effects of contrast masking 57907
Solomon, J.A. *see* Watson, A.B. 57908
Solomon, L., Ingold, G., Ben-Zvi, I., Krinsky, S., Yu, L.H., Sampson, W., Robins, K. Magnetic field measurements of a superconducting undulator for a harmonic generation FEL experiment at the NSLS 63880
Solomon, L. *see* Ingold, G. 63868
Solomon, L. *see* Rakowsky, G. 63260
Solomon, O.M. *see* Deyst, J.P. 95492
Solomon, O.M., Jr. The use of DFT windows in signal-to-noise ratio and harmonic distortion computations 75892
Solomon, P.M. *see* Sheridan, J.A. 63581
Solomon, P.R. *see* Farquharson, S. 49039
Solomon, S. *see* Sreemoolanadhan, H. 63044
Solomon, S.L., Garnett, J.D., Hao Chen Investigation of charge trapping effects in InSb focal plane arrays 58846
Solomon, S.L. *see* Forrest, W.J. 58778
Solomonides, I.P., Button, B.L. Improving the quality of student learning: a systems approach 60792
Solomons, R. *see* Celata, C.M. 87832
Solorzano, A.Ortiz de *see* Ortiz de Solorzano, A.
Solov'ev, A.P., Zyuryukina, O.V., Kolotyrin, A.A., Svinolupov, K.I. Panoramic observation of Thomson scattering of laser radiation by a nonrelativistic electron beam 83519
Solov'ev, I.Yu. *see* Bachurin, V.V. 54999
Solov'ev, O.V. Toward a theory of coastal refraction in the case of a waveguide problem 51169
Solov'ev, V.I., Volkov, A.P., Korchagina, E.N. Advanced facilities for monitoring the heating value of fossil fuels 89585
Solov'eva, L.V. *see* Kaputskii, F.N. 82399
Solovey, V.V. *see* Shmal'ko, Yu.F. 76742
Solovianov, V.L. *see* Buyanov, O.V. 98501
Solovjev, V.S., Boiko, Y.B., Soifer, V.A. Computer-generated holographic optical elements on photopolymers 57014
Solovjeva, L.I. *see* Maleto, M.I. 79885
Solovjov, A.G. *see* Il'yashenko, E.I. 72124
Solovyev, V.V. Synthesis of regular single level microprogram automata circuits on programmable logic devices 61449
Solov'yov, N.G. *see* Generalov, N.A. 72959
Solovyov, V.D. *see* Kuzmin, S.M. 67885
Solsona, J., Etchechoury, M., Valla, M.I., Muravchik, C. A nonlinear reduced order observer for switched reluctance motors 89874
Solt, G. *see* Abela, R. 76400
Soltan, V.P. *see* Lebedeva, T.T. 69757
Soltani, A.Reza *see* Reza Soltani, A.
Soltanian-Zadeh, H., Saigal, R., Windham, J.P., Yagle, A.E., Hearshen, D.O. Optimization of MRI protocols and pulse sequence parameters for eigenimage filtering 53378
Soltanian-Zadeh, H., Yagle, A.E. A fast algorithm for extrapolation of discrete band-limited signals 84325
Soltis, J.J. *see* Zhiwei Wang 79689
Soluch, W. Properties of Bleustein-Gulyaev waves in $Li_2B_4O_7$ crystal 93733
Soluri, A. *see* Pani, R. 88044
Soluyanov, A.A., Grilikhes, V.A. Investigation of the characteristics and substantiation of the choice of the parameters of Fresnel minilenses for photovoltaic modules 60464
Solyakov, V.K., Beloselskii, B.S., Gudymov, E.A., Semibratova, I.V., Van Lok, N., Rodionov, B.M. Optimization of operating conditions of intracycle fuel gasification as applied to steam-gas plants at thermal power stations 89620
Solyanik, V. *see* Pommot Maia, M. 59128
Solymar, L., Webb, D.J., Grunnet-Jepsen, A. Forward wave interactions in photorefractive materials 94601
Solymar, L. *see* Grunnet-Jepsen, A. 83319
Solymar, L. *see* Kaczmarek, M. 56878
Solz, T. *see* Barry, T. 84182
Solz, T.J., Jr. *see* Reising, J.M. 77158
Solzi, M. *see* Sievert, J. 53021
Soma, M., Kolarik, V. A design-for-test technique for switched-capacitor filters 49542
Soma, M. *see* Devarayanadurg, G. 90949
Soma, T. *see* Deng, T.-B. 51436
Somalwar, S.V. *see* Tesarek, R.J. 98504
Soman, A.K., Vaidyanathan, P.P. Generalized polyphase representation and application to coding gain enhancement 95128
Soman, A.K., Vaidyanathan, P.P., Nguyen, T.Q. Linear phase orthonormal filter banks 84784
Somani, A.K., Palnitkar, S., Sharma, T. Reliability modeling of systems with latent failures using Markov chains 54592
Somani, A.K. *see* Fura, D.A. 55309
Somani, A.K. *see* Ki-Sang Song 75145
Somani, A.K. *see* Tridandapani, S. 65396
Somasundaram, K. *see* Woisetschlager, J. 88378
Somayaji, T.S.N. *see* Ramana, K.V.V. 51101
Somayajula, S.S., Sanchez-Sinencio, E., Pineda de Gyvez, J. A power supply ramping and current measurement based technique for analog fault diagnosis 49194
Somayajulu, Y.K., Murty, T.V.R., Kumar, S.P., Murty, C.S. Simulation studies related to acoustic propagation in the Arabian Sea 88788
Someda, C.G. *see* Galtarossa, A. 52489
Someda, C.G. *see* Galtarossa, A. 94076
Somek, B., Fajt, S., Krhen, M. The public warning system 96421
Somekh, R.E. *see* Ghyselen, B. 82382
Somemura, Y., Deguchi, K., Miyoshi, K. Proximity effect on patterning characteristics of hole patterns in synchrotron radiation lithography 93280
Somenzi, F. *see* Bahar, R.I. 49284
Somenzi, F. *see* Bahar, R.I. 49334
Somenzi, F. *see* Bahar, R.I. 92161
Somenzi, F. *see* Cho, H. 49076
Somenzi, F. *see* Hachtel, G.D. 91980
Somenzi, F. *see* Hachtel, G.D. 92144
Somenzi, F. *see* Hyunwoo Cho 92033
Somenzi, F. *see* June-Kyung Rho 61670
Someren Greve, S.C.van *see* van Someren Greve, S.C.
Somers, G. *see* Zieren, V. 50257
Somers, G.A., Pathak, P.H. Efficient numerical and closed-form asymptotic representations of the dyadic aperture Green's function for material-coated ground planes 64212
Somers, M.L., Bishop, D.G., Harris, A.J.K., Flewellen, C.G., Campbell, J.M., Tipping, K., Brockington, W., Rochford, G., Goodwin, S., Mountjoy, D. ISIS: a swath imaging sonar for shelf edge survey 99287
Somerville, L. *see* Sturtevant, J. 71515
Somerville, L.K. *see* Dunn, D.D. 71793
Somerville, L.K. *see* Dunn, D.D. 93286
Somerville, M.H., Greenberg, D.R., del Alamo, J.A. Temperature and carrier density dependence of mobility in a heavily doped quantum well 62252
Sommariva, A.M. The describing function perturbation method for the dominant behaviour analysis of adiabatic negative-conductance oscillators 61590
Sommer, B. *see* Kurz, E.A. 94118
Sommer, D., Gomes, N.J., Wake, D. Optical injection locking of microstrip MESFET oscillator using heterojunction phototransistors 61923
Sommer, E. *see* Dudok, E. 57240
Sommer, F. *see* Kreutz, R. 76649
Sommer, J. *see* Knotts, T.A. 92324
Sommer, K.-D., Poziemski, J. Density, thermal expansion and compressibility of mercury 66697
Sommer, M. *see* Domingo, J. 57940
Sommer, M. *see* Level, M.P. 66833
Sommer, R.G., Overton, R.J., Orcel, G. One dual coating system for fiber to meet all needs: Long line local loop, and ribbon cable 82613
Sommer, T. *see* Pavuza, F.G. 92434
Sommer, V., Albert, P.-B., Zerbe, T., Schnell, A., Mesquida Kusters, A., Heime, K. Characterization of hetero interfaces in InP/$In_{75}Ga_{25}As$/InP HFETs by means of digital signal processing of measured low frequency noise spectra 56037
Sommer, V. *see* Mesquida Kusters, A. 56032
Sommer, W.F. *see* Ferguson, P.D. 53135
Sommer-Larsen, P., Bjornholm, T., Jorgensen, M., Lerstrup, K., Frederiksen, P., Schaumburg, K., Brunfeldt, K., Bechgaard, K., Roth, S., Poplawski, J., Byrne, H., Anders, J., Eriksson, L., Wilbrandt, R., Frederiksen, J. A molecular switch involving large conformational changes. A theoretical study 55496
Sommerdyke, T.J. *see* Munson, W.A., Jr. 69235
Sommerfeld, M. *see* Qui, H.-H. 66762
Sommerfeldt, S. *see* Nelson, R.D. 79334
Sommers, P. *see* Bird, D. 98533
Sommerville, I. *see* Bentley, R. 96186
Sommerville, I. *see* Bentley, R. 99128
Sommet, R. *see* Suarez, A. 55433
Somodi, P.J. *see* Johnston, S.A. 54993
Somogyi, K. On the Hall mobility lowering in GaAs epitaxial layers 62166
Somogyi, K. Comparative study of GaAs epitaxial layers grown by MOCVD 91500
Somogyi, K. *see* Euthymiou, P.C. 62871
Somogyi, K. *see* Varga, S. 91501
Somora, M., Vrana, M., Bodak, V., Bat'ko, I., Flachbart, K. YBaCuO thick films prepared by screen printing method on YSZ and MgO substrates 93920
Somos, I.L., Piccone, D.E., Willinger, L.J., Tobin, W.H. Power semiconductors—a new method for predicting the on-state characteristic and temperature rise during multi-cycle fault currents 62731
Somov, L. *see* Krasnykh, A. 66793
Somov, S.V. *see* Gushchin, E.M. 53316
Somov, S.V. *see* Gushchin, E.M. 71019
Son, J.H. *see* Giakos, G.C. 83777
Son, S.H., Agarwal, N. Synchronization of temporal constructs in distributed multimedia systems with controlled accuracy 58052
Son, U.T. *see* Liu, J. 62051
Son Eun-Young *see* Eun-Young Son
Son Hyon *see* Hyon Son
Son Jeong Hwan *see* Jeong Hwan Son
Son Jeong Min *see* Jeong Min Son
Son Jin Seung *see* Jin Seung Son
Son Joos-Hiuk *see* Joos-Hiuk Son
Son Jung-Young *see* Jung-Young Son
Son Yong *see* Yong Son
Sonchik, L.I. *see* Bladyko, V.M. 54978
Sondag, A.H.M. *see* Boonekamp, E.P. 71334
Sonderegger, P. *see* Ariztizabal, F. 98518
Sonderer, N., Gunter, P. Near infrared nonlinear optical phase conjugation in photorefractive crystals and semiconductor materials part I: fundamentals 73097
Sonderer, N., Gunter, P. Near infrared nonlinear optical phase conjugation in photorefractive crystals and semiconductor materials. II. Materials and applications 83339

Sondericker, J. *see* Benary, O. 53327
Sondericker, J., III *see* Benary, O. 98517
Sondericker, J., III *see* Benary, O. 98640
Sondermann, P. *see* Pfaffle, H. 89549
Sondheim, W. *see* Britton, C.L. 71809
Sondheim, W. *see* van Hecke, H. 67350
Sondheim, W.E. *see* Fields, D.E. 98522
Sondheim, W.E. *see* Ziock, H.J. 76767
Sone, H. *see* Sugimoto, H. 92861
Sone, H. *see* Yamashita, M. 50961
Sone, K. *see* Hasegawa, H. 70703
Sone, M. *see* Chiesa, V. 69448
Sone, M. *see* Takasaki, I. 92867
Sone, M. *see* Verma, S.C. 68011
Sone, S. I. Speed-up of railways—situations around the world 69159
Sone, S. IV. Recent innovation of European railways 69162
Sone, S. *see* Yamayoshi, Y. 71907
Sone, T. Distributed neural networks for identifying faults in switching systems 96901
Sone, T. *see* Otsuki, T. 95865
Sonehara, N. *see* Uchiyama, T. 54787
Sonek, G.J. *see* Escandon, G.J. 56780
Sonek, G.J. *see* Quon, D. 93327
Sonek, G.J. *see* Quon, D.S. 93336
Soneoka, T., Ibaraki, T. Logically instantaneous message passing in asynchronous distributed systems 52145
Soneru, M.D., Anderson, J., Kafka, H.J. Network aspects of broadband ISDN 52221
Soneru, M.D. *see* Pashan, M.A. 52276
Song, C., Kamen, E.W., Bullock, T.E. Adaptive autopilot design for missiles with aerodynamic parameters rapidly varying 59626
Song, C., Roenker, K.P. Novel heterostructure device for electronic pulse-mode neural circuits 70808
Song, D. *see* Amar, A. 56261
Song, D. *see* Wellstood, F.C. 97906
Song, G.H. Theory of symmetry in optical filter responses 72536
Song, H., Wu, P., Schmitt, R.M., Thomas, W. Correction of the artifact of the intensity distortion in the ultrasonic B-mode imaging with a phase insensitive method 98790
Song, H. *see* Kwon, B.H. 90127
Song, H.C. Cramer-Rao bound for passive localization of a moving source in ocean acoustics 75655
Song, H.Y., Golomb, S.W. Some new constructions for simplex codes 73702
Song, H.Y., Golomb, S.W. On the existence of cyclic Hadamard difference sets 95120
Song, I. *see* Kim, T. 95467
Song, I.H. *see* Hong, J.P. 72240
Song, J. A novel algorithm for word spotting and rejection of non vocabulary words 73911
Song, J., Kang, Y.W., Kustom, R. HOM (higher-order mode) test of the storage ring single-cell cavity with a 20-MeV e^- beam for the Advanced Photon Source (APS) 67140
Song, J., McLaren, P.G., Thomson, D., Middleton, R. Development of a clamp-on magneto-optical current transducer for power systems 87123
Song, J., Nassiri, A., Daly, R. A beamline design and data acquisition with the 20-MeV, 20-ps electron beam for the higher-order mode studies of the APS SR-RF cavities 76445
Song, J., Ohnuki, S., Nyquist, D.P., Chen, K.-M., Rothwell, E.J. Scattering of TE-polarized EM wave by discontinuity in grounded dielectric layer 51094
Song, J. *see* Nassiri, A. 98388
Song, J.-I., Caneau, C., Hong, W.-P., Chough, K.B. Potentially high-performance carbon-doped GaInP/GaAs heterojunction bipolar transistors with different compositional base gradings 49968
Song, J.-I., Hong, B.W.-P., Palmstrom, C.J., Chough, K.B. InP based carbon-doped base HBT technology: its recent advances and circuit applications 55410
Song, J.-I. *see* Bhat, R. 71603
Song, J.-I. *see* Palmstrom, C.J. 61276
Song, J.F. *see* McWaid, T.H. 76189
Song, J.I. *see* Chough, K.B. 56039
Song, J.I. *see* Chough, K.B. 93503
Song, J.I. *see* Sugeng, B.R.A. 61929
Song, J.J., Brauer, S.O., Daly, R.T., Kang, Y.W., Kustom, R.L., Nassiri, A. HOM (higher order mode) damper tests of the storage ring single-cell cavity with a 20-MeV e^- beam for Advanced Photon Source 98472
Song, J.J., Kustom, R.L. RF characteristics of the APS storage ring isolation valve 87629
Song, J.J. *see* Grudzien, D.M. 76323
Song, J.J. *see* Hou, H.Q. 55598
Song, J.J. *see* Ren, J. 56569
Song, J.J. *see* Zhou, J. 87713
Song, K.Y., Kittler, J., Petrou, M., Ng, I. Chromato-structural approach towards surface defect detection in random textured images 69608
Song, M., MacWilliams, K.P., Cable, J.S., Woo, J.C.S. Bias and temperature dependence of hot carrier lifetime from 77 K to 300 K 62838
Song, M., MacWilliams, K.P., Scarpulla, J., Swanson, D.J., Cable, J.S., Woo, J.C.S. PMOS hot-carrier rebound and degradation 93413
Song, N. *see* Sarabi, A. 91983
Song, O., Librescu, L. Adaptive vibrational control of rotating helicopter blades carrying a tip mass 88623
Song, P.S., Tsai, W.F., Duh, T.S., Tang, J.S., Kuo, C.C., Chang, M.H., Huang, S.W., Liaw, C.L., Huang, B.Y., Ting, G., Milton, B., Dawson, R., Altman, A., Ruegg, R., Cline, R. Characteristics of INER TR30/15 H^-/D^- Compact Cyclotron 87799
Song, Q.W. *see* Talbot, P.J. 63488
Song, S.S. *see* Yan, L.G. 83578
Song, T. *see* Derwent, P.F. 76784
Song, T.K., Greenleaf, J.F. Ultrasonic dynamic focusing using an analog FIFO and asynchronous sampling 59354
Song, T.Y. *see* Amidei, D. 98639
Song, W. *see* Reichmeyer, F. 52162
Song, W.N. *see* Zhang, Y. 59830
Song, X.F. *see* Bai, J.Z. 53324
Song, Y. Convergence of splittings of matrices 79700
Song, Y., Fisher, A., Rostoker, N. Beam generation, acceleration, and extraction on a stellatron accelerator 87668
Song, Y., Garate, E., Rostoker, N. High current density electron beam generation from field emission tip cathodes 71020
Song, Y.H. Nonlinear control strategy for a static phase shifter to improve power system stability 99608
Song, Y.H. Fault detection technique for controllable series capacitor unit in EHV transmission systems using neural networks 99644
Song, Y.H., Aggarwal, R.K., Johns, A.T. Nonlinear thyristor-controlled SVC control for power system stability enhancement 89112
Song, Y.H., Dang, D.Y. Load modelling in commercial power systems using neural networks 68001
Song, Y.H., Johns, A.T., Aggarwal, R.K. Digital simulation of fault transients on six-phase transmission systems 59980
Song, Y.H. *see* Aggarwal, R.K. 59981
Song, Y.H. *see* Cai, Y. 100909
Song, Y.H. *see* Johns, A.T. 59996
Song, Y.H. *see* Johns, A.T. 89125
Song, Y.H. *see* Xuan, Q.Y. 59982
Song, Y.H. *see* Xuan, Q.Y. 59985
Song, Y.P. *see* Krauss, T. 83081
Song, Y.S. *see* Hwang, Y.S. 62550
Song, Y.W. *see* Yu, I. 71872
Song, Z.H. *see* Tao, S. 56943
Song, Z.M. *see* Jiang, X.L. 53248
Song Bang-Sup *see* Bang-Sup Song
Song Bin *see* Bin Song
Song Chang Geun *see* Chang Geun Song
Song Chen, Eshaghian, M.M., Freund, R.F., Potter, J.L., Ying-Chieh Wu Scalable heterogeneous programming tools 52164
Song Chen *see* Chen Song
Song Cheng *see* Barrom, S. 63220
Song Cheol Hong *see* Jeong Hwan Son 71610
Song Chong *see* San-Qi Li 96375
Song Dong-Il *see* Dong-Il Song
Song Hai-Zhi *see* Jin Si-Xuan 81793
Song Hee-Heon *see* Hee-Heon Song
Song Ho-Keun *see* Ho-Keun Song
Song Iickho *see* Iickho Song
Song In Seob *see* In Seob Song
Song Jai Chul *see* Jai Chul Song
Song Jijun *see* Jijun Song
Song Jiming *see* Jiming Song
Song Jin Soo *see* Jin Soo Song
Song Jinsoo *see* Jinsoo Song
Song Jong Kwan *see* Jong Kwan Song
Song Jong-In *see* Jong-In Song
Song Joong-Ho *see* Joong-Ho Song
Song Ki-Sang *see* Ki-Sang Song
Song Ki-Young *see* Ki-Young Song
Song Kim Tae *see* Tae Song Kim
Song Kwan Ho *see* Kwan Ho Song
Song Kyung-Bin *see* Kyung-Bin Song
Song Liepu *see* Li Xinwan 92496
Song Limei *see* Shu Huaying 85257
Song Liquan *see* Yuan Shifu 56499
Song Lu *see* Pan Shentian 91216
Song Qing, Zhang Xuexia The impedance and radiative characteristics of gap-coupled microstrip patch antennas 95031
Song Sewoong *see* Sewoong Song
Song Shuzheng *see* Shuzheng Song
Song Suk Kyu *see* Suk Kyu Song
Song Sun-Kyu *see* Sun-Kyu Song
Song Tseng-Hwa *see* Tseng-Hwa Song
Song Wei *see* Liu Guanyu 100412
Song Wen-Nan *see* Fang Da-Zhong 59744
Song Wennan *see* Zhang Yao 88976
Song Woo-Jin *see* Woo-Jin Song
Song Xiaoyu *see* Xiaoyu Song
Song Xu *see* Xu Song
Song Yang Sup *see* Yang Sup Song
Song Yanrong, Zhu Lili, Wang Yong, Zhou Guosheng Optical fiber directional coupler with continuously variable branching ratio 72319
Song Yaoling Design for hybrid waveforms utilizing random poly-cell code PPM and pulse-to-pulse binary sequences PM 64258
Song Yih-Lan *see* Yih-Lan Song
Song Yinling *see* Yinling Song
Song Yongyuan *see* Yongyuan Song
Song Zhidong, Shen Shande, Gao Jingde Novel extended equal area criteria with detailed power system models 88968
Song Zhizhong *see* Yu Jinxiang 53244
Song Zhizhong *see* Zhizhong Song
Song-Chyau Liang, Yee, J.R. Locating internet gateways to minimize nonlinear congestion costs 96600
Song-Feng Wang *see* Yin-Pang Ma 99848
Song-Sheng Hsiung *see* Hsien-Chang Chang 98138
Song-Sheng Tan, Reed, M., Hongtao Han, Boudreau, R. Morphology of etch hillock defects created during anisotropic etching of silicon 93250
Song-Tsan Chiang *see* Tan-Tsu Sheng 49902
Song-Yop Hahn *see* Chang Seep Koh 68643
Song-Yop Hahn *see* Chang Seop Koh 83451
Song-yop Hahn *see* Chang Seop Koh 83526
Song-Yop Hahn *see* Changyul Cheon 83759
Song-Yop Hahn *see* Gwan-Soo Park 82306
Song-yop Hahn *see* Hong-bae Lee 80004
Song-yop Hahn *see* Il-han Park 83508
Song-Yop Hahn *see* Seog-Whan Kim 73247
Song-Yop Hahn *see* Yong-Gyu Park 83510
Songcan Lai, Dahsiung Hsu Two-step method for fabricating miniaperture on-axis holographic lenses with high numerical apertures 56931
Songcan Lai, Dahsiung Hsu HOEs with photopolymers used for optical perfect shuffle interconnections 57009
Songchun Zhang *see* Xiaoliang Ma 90690
Songhao Liu *see* Liu Songhao
Songhua He *see* He Songhua
Songjie Xu *see* Xu Songjie
Songjun Luo *see* Kouvelis, P. 92674
Songli Zhao, Hongguang Liu, Shijie Cheng, Deshu Chen A new method for calculating power system multiple load flow solutions 59743
Songli Zhao *see* Zhao Songli
Songlin Feng *see* Feng Songlin
Songlin Lu *see* Lu Songlin
Songling Wang *see* Wang Songling
Songling Xu *see* Xu Songling
Songpongs, P., Andersson, G., Ekenstedt, M.J., Soderstrom, J.R., Cumming, M.M. Hall measurements an selectively doped InSb heterostructures grown by molecular beam epitaxy on GaAs (001) 81294
Songrong Qian *see* Qian Songrong
Songsheng Chen *see* Chen Songsheng
Songsheng Tan *see* Minyao Mao 91472
Songsheng Xue, Ousi-Benomar, W., Lessard, R.A. Laser beam direct writing of fine lines of α-Fe_2O_3 from metalorganic spin-coated films and transient behavior study of laser decomposition process 70069
Songyao Hu *see* Hu Songyao
Songyin Liu *see* Liu Songyin
Soni, A., Ghosh, S. Challenges in engineering management of high technology systems in industrial projects—Indian perspective 69458
Soni, R.A. *see* Howard, M.N. 95565
Soni, T., Zeidler, J.R., Ku, W.H. Time-varying behavior of the PARCOR coefficients of lattice filters with nonstationary AR inputs 84285
Soni Tarun *see* Tarun Soni
SonLee, B. *see* Bahar, E. 64126
Sonling Lu *see* Xiaowei Yao 71883
Sonn, J. Rigidity and embedding problems over $Q_{ab}(t)$ 61099
Sonnadara, U. *see* Benary, O. 98517
Sonnde, G., Leutiger, M. Quality criteria for digital networks 65547
Sonnenschein, E. *see* Fink, H. 90215
Sonninen, J. *see* Martikainen, O. 85533
Sonntag, J. *see* Becker, S. 100913
Sonobe, H. *see* Kumagai, T. 76034
Sonoda, K. *see* Hamaguchi, C. 62282
Sonoda, K. *see* Ohno, Y. 49437
Sonoda, K. *see* Sayama, H. 49414
Sonoda, R. *see* Ito, K. 60609
Sonoda, T. *see* Ochi, S. 54963
Sonoda, T. *see* Shimura, T. 92529
Sonoda, T. *see* Yoshida, N. 61900
Sonoda, T. *see* Yoshida, N. 71732
Sonoda, T. *see* Yoshida, N. 92525
Sonoda, Y., Akazaki, M. Measurement of low-frequency ultrasonic waves by Fraunhofer diffraction 77728
Sonoda, Y. *see* Nakamoto, T. 98148
Sonohara, H. *see* Minami, T. 54970
Sonoi, Y., Kawasaki, Z., Matsuura, K., Matsui, T., Shimokura, N. Comparison between lightning observation by SAFIR and meteorological radar echo 67801
Sonoi, Y. *see* Sekioka, S. 78175
Sonoio, Y. *see* Maekawa, Y. 77401
Sonomura, H. *see* Uda, H. 100464
Sonsbeek, R.van *see* van Sonsbeek, R.
Sont, W.N. A summary of data on accumulated occupational radiation doses among Canadian workers 99017
Sontakke, T.R., Umesh, P.S. Nuclear magnetic resonance imaging — a review 53380
Sonti, V.R., Jones, J.D. Influence of curved piezoactuator parameters on lower order shell mode coupling 93788
Sonwalkar, V.S., Inan, U.S., Bell, T.F., Helliwell, R.A., Chmyrev, V.M., Sobolev, Ya.P.,

Ovcharenko, O.Ya., Selegej, V. Simultaneous observations of VLF ground transmitter signals on the DE 1 and COSMOS 1809 satellites: detection of a magnetospheric caustic and a duct 94805

Sony Roy, T., Athithan, G., Ganagi, M.S., Sivasankara Reddy, A. A new method to solve non-linear equations 61178

Sonza Reorda, M. *see* Camurati, P. 49445

Sonza Reorda, M. *see* Corno, F. 92003

Sonza Reorda, M. *see* Gai, S. 49296

Sonza Reorda, M. *see* Rebaudengo, M. 49059

Sonza Reorda, M. *see* Rebaudengo, M. 92697

Soo Choi Jin *see* Jin Soo Choi

Soo Choi Jong *see* Jong Soo Choi

Soo Choi Moon *see* Moon Soo Choi

Soo Han Choi *see* Yong Ku Baek 79907

Soo Hwang Jin *see* Jin Soo Hwang

Soo Ik Chae *see* Jae Hee Won 70803

Soo Joong Kim *see* Sung Yong Kim 74391

Soo Kang Goo *see* Goo Soo Kang

Soo Kap Hahn *see* Kwang Il Kim 49844

Soo Kim Cheon *see* Cheon Soo Kim

Soo Kim Eung *see* Eung Soo Kim

Soo Kim Heung *see* Heung Soo Kim

Soo Kim Jeong *see* Jeong Soo Kim

Soo Kim Jong *see* Jong Soo Kim

Soo Kim Pill *see* Pill Soo Kim

Soo Kim Yoon *see* Yoon Soo Kim

Soo Kwam Eo *see* Rafie, M.R. 75213

Soo lee Doo *see* Doo Soo lee

Soo Lee Min *see* Min Soo Lee

Soo Lim Choong *see* Choong Soo Lim

Soo Nam Kee *see* Kee Soo Nam

Soo Nham Hyun *see* Hyun Soo Nham

Soo Oh Jeong *see* Jeong Soo Oh

Soo Park Jin *see* Jin Soo Park

Soo Park Myoung *see* Myoung Soo Park

Soo Song Jin *see* Jin Soo Song

Soo Won Lee *see* Kwang Ho Kim 81245

Soo Yi Kyoung *see* Kyoung Soo Yi

Soo Yoo Jae *see* Jae Soo Yoo

Soo Young Lee *see* Dong Gyu Jeong 70481

Soo Young Lee *see* Jeong Bae Park 61860

Soo Young Lee *see* Yoon Kyung Choi 70801

Soo Young Park *see* Ki Poong Lee 55963

Soo-Chang Pei, Chien-Cheng Tseng Two dimensional IIR digital notch filter design 49551

Soo-Chang Pei, Chien-Cheng Tseng Corrections on "Two dimensional IIR digital notch filter design" 92385

Soo-Chang Pei, Fei-Chin Chen 3-D spatiotemporal subband decomposition of image sequences by mathematical morphology 95775

Soo-Chang Pei, Ji-Hwei Horng Corner point detection using nest moving average 95802

Soo-Chang Pei, Jong-Jy Shyu Design of IIR multiband filters using IIR all-pass filters 55337

Soo-Chang Pei, Jong-Jy Shyu Design of arbitrary FIR log eigenfilters 55348

Soo-Chang Pei, Jong-Jy Shyu Design of 1-D and 2-D IIR eigenfilters 57561

Soo-Chang Pei, Jong-Jy Shyu Eigenfilter design of 1-D and 2-D IIR digital all-pass filters 57562

Soo-Chang Pei, Jong-Jy Shyu Design of arbitrary FIR log filters by weighted least squares technique 84367

Soo-Chang Pei, Jong-Jy Shyu A unified approach to the design of quadrantally symmetric linear-phase two-dimensional FIR digital filters by eigenfilter approach 95407

Soo-Chang Pei, Lin-Gwo Liou Using moments to acquire the motion parameters of a deformable object without correspondences 84603

Soo-Chang Pei, Lin-Gwo Liou Automatic symmetry determination and normalization for rotationally symmetric 2D shapes and 3D solid objects 84634

Soo-Chang Pei, Lin-Gwo Liou Rigid motion and structure from several sets of parallel lines in a monocular image sequence 95801

Soo-Chang Pei, Sy-Been Jaw Two-dimensional general fan-type FIR digital filter design 57507

Soo-Chang Pei *see* Ching-Min Cheng 84919

Soo-Chang Pei *see* Jong-Jy Shyu 95406

Soo-Han Choi *see* Myung-Seon Kim 62589

Soo-Han Choi *see* Sang-Man Bae 81697

Soo-Han Choi *see* Seung-Chan Moon 81646

Soo-Han Choi *see* Young-Mog Ham 71477

Soo-Han Choi *see* Young-Mog Ham 82085

Soo-Hong Lee *see* Hisup Park 54452

Soo-In Cho *see* Do-Chan Choi 70532

Soo-In Cho *see* Seung-Moon Yoo 70533

Soo-Jin Chua *see* Hanyu Sheng 62663

Soo-Jin Chua *see* Hanyu Sheng 81829

Soo-Jin Chua *see* Hanyu Sheng 81993

Soo-Ngee Koh *see* Lunji Qiu 84176

Soo-Young Lee, Szu, H.H. Fractional Fourier transforms, wavelet transforms, and adaptive neural networks 74461

Soo-Young Lee *see* Chang-Hoi Ahn 83608

Soo-Young Lee *see* Chung-Ming Chen 74451

Soo-Young Lee *see* Hyuek-Jae Lee 83620

Soo-Young Lee *see* Jae-Woong Ko 82333

Soo-Young Oh *see* Keh-Jeng Chang 71431

Soobrian, D.L. Policy strategies for economic development of developing countries telecommunications sector 74772

Sooch, N.S. *see* Welland, D.R. 93886

Sood, A. *see* Perez-Lopez, K. 57835

Sood, A.K. *see* Topkar, V. 95744

Sood, C.K., Sita, D., Iyer, K.S.C. Unsupervised image characterisation for real time applications 77777

Sood, P.K. *see* Julian, A.L. 54019

Sood, R. *see* Aggarwal, V. 55950

Sood, R.K., Ye, Z., Manchanda, R.K. Ultra-high pressure proportional counters. II. Xenon 53329

Sood, V.K., Kandil, N., Patel, R.V., Khorasani, K. Comparative evaluation of neural-network-based and PI current controllers for HVDC transmission 78066

Sood, V.K. *see* Jin, H. 99651

Sooin Cho *see* Yunho Choi 49427

Sooin Cho *see* Yunho Choi 70553

Sook Ha Jeong *see* Jeong Sook Ha

Sook Jeon Wha *see* Jeon Wha Sook

Sook Jeon Wha *see* Wha Sook Jeon

Sook Kim Hyang *see* Hyang Sook Kim

Sook Lee In *see* In Sook Lee

Sook Lee Sun *see* Sun Sook Lee

Sook-Il Kwun *see* Jong Cheol Shin 70791

Sook-Il Kwun *see* Seung-Min Lee 49249

Sook-Il Kwun *see* Seung-Min Lee 53067

Sooknanan, K. *see* Cogan, A.I. 80139

Sooknanan, K. *see* Cogan, A.I. 91911

Sool Jeong Jong *see* Jong Sool Jeong

Soole, J.B.D., Bhat, R., LeBlanc, H.P., Andreadakis, N.C., Grabbe, P., Caneau, C., Koza, M.A. Wavelength precision of monolithic InP grating multiplexer/demultiplexers 52553

Soole, J.B.D., LeBlanc, H.P., Andreadakis, N.C., Bhat, R., Caneau, C., Koza, M.A. Monolithic InP reflection-grating multiplexer/demultiplexers for WDM components operating in the long wavelength fiber band 97284

Soon, V.C., Tong, L., Huang, Y.F., Liu, R. A subspace method for estimating sensor gains and phases 57565

Soon, W.L., Staton, D.A., Miller, T.J.E. Design of a new axially-laminated interior permanent magnet motor 69044

Soon Chong Chin *see* Chong Chin Soon

Soon Chun Soung *see* Soung Soon Chun

Soon Fatt Yoon Growth of strained InGaAs/GaAs by molecular beam epitaxy: a surface morphology, Raman spectroscopy and photoluminescence combined study 48953

Soon Heung Chang *see* Ki Sig Kang 68387

Soon Heung Chang *see* Won Hyo Yoon 78343

Soon Hyob Kim *see* Jin Woo Hong 73795

Soon Ja Park *see* In-Tae Kim 93704

Soon Jang Mog *see* Mog Soon Jang

Soon Ng Tok *see* Tok Soon Ng

Soon Yong Park, Sung Il Chien 3D model reconstruction from three orthogonal views based on merging technique of RP codes 64870

Soon-Bong Cho *see* Ho-Seok Lee 100826

Soon-Don Choi *see* Wan-Young Chung 97882

Soon-Gil Yoon, Jai-Chan Lee, Safari, A. Preparation of thin-film $(Ba_{0.5},Sr_{0.5}TiO_3$ by the laser ablation technique and electrical properties 79821

Soon-Gul Lee, Keunseop Park, Yong Ki Park, Yong Ho Lee, Hyuk Chan Kwon, Jong Chul Park $YBa_2Cu_3O_{7-\delta}/PrBa_2Cu_3O_{7-\delta}/YBa_2Cu_3O_{7-\delta}$ edge junction DC SQUIDs 50414

Soon-Gul Lee *see* Keunseop Park 50415

Soon-Gwang Kim *see* Jung Yon 71925

Soon-Han Choi *see* Hung-Eil Kim 71460

Soon-Ill Hong *see* Young-Joo An 100097

Soonchil Lee, Youngjo Go, Dongyeon Won, Gyewon Hong, Sunchil Kwon Alternating magnetic field shielding of YBCO tubes in static field 82511

Soong, F.K. *see* Chou, W. 64387

Soong, F.K. *see* Eng-Fong Huang 64371

Soong, W.L. *see* Staton, D.A. 68559

Soong Hwan Ro *see* Young Min Yoo 75111

Soongjoon Cha *see* Moonho Kim 62686

Soonjoo Hwang, Williams, D.B. A constrained total least squares approach for sensor position calibration and direction finding 73943

Soonkwon Lim *see* Moonho Kim 62686

Soonpaa, H.H. *see* Wagner, C. 48590

Soorholtz, V. *see* Lage, C. 92197

Sooriyakumaran, R. *see* Brunsvold, W. 81641

Sopanen, M. *see* Ahopelto, J. 79841

Sopart, U. *see* Reibert, P. 89505

Sopena, E. *see* Raspaud, A. 79569

Soper, A. *see* Panayiotou, S. 54571

Soper, R.A., Mellichamp, D.A., Seborg, D.E. An adaptive nonlinear control strategy for photolithography 62600

Sopian, K., Sahari, J., Othman, M.Y.H., Lubis, A.Z. Performance monitoring of a thermosyphon solar hot water heater with a parallel thermoplastic natural rubber tube absorber 100784

Sopin, M.O. *see* Kudryavtsev, S.V. 75927

Sopin, V.F. *see* Pautov, V.P. 88157

Sopko, B. *see* Nikl, M. 80900

Sopocy, D.M. *see* Van Laar, J.A. 78465

Sopori, B. *see* Ostapenko, S.S. 81204

Sopori, B.L. Characterization of commercial PV silicon substrates 90400

Sopori, B.L., Marshall, C., Rose, D., Jones, R.M., Reedy, R., Asher, S. Optical processing: a novel technology for fabricating solar cell contacts 100618

Sopori, B.L., Marshall, T. Optical confinement in thin silicon films: a comprehensive ray optical theory 100624

Sopori, B.L., Murphy, R., Marshall, C. A scanning defect-mapping system for large-area silicon substrates 100635

Sopori, B.L. *see* Khattak, C.P. 92926

Sopronfalvi, Z. *see* Szabo Istvan, C. 67642

Soraghan, J.J. *see* Durrani, T.S. 48759

Soraghan, J.J. *see* Durrani, T.S. 51488

Soraghan, J.J. *see* Durrani, T.S. 84521

Sorais, D. *see* Boury, Z. 94993

Soransen, M.P. *see* Abdullaev, F.K. 56344

Soravito, G.de Franceschi *see* de Franceschi Soravito, G.

Sorba, L. *see* Cingolani, R. 72808

Sorba, L. *see* Karpov, I. 91562

Sorbara, D., Visintin, M. Performance comparison of GMSK and $\pi/4$-DQPSK modulations in a mobile radio environment 97159

Sorbi, M. *see* Baccaglioni, G. 72272

Sorby, S.S. *see* Rousselle, S.R. 94967

Sorcinelli, L. *see* Migliorati, P. 84946

Sordiya, T.D. *see* Antipov, V.V. 53863

Sordo, B. *see* Cavaciuti, A. 82538

Sordo, B. *see* Cognolato, L. 82983

Sore, J. *see* Bateman, J.E. 88083

Soref, R. *see* Norton, D. 86323

Soref, R.A., Friedman, L. Electro-optical modulation in $Si_{1-x}Ge_x$/Si and related heterostructures 72440

Soref, R.A., Friedman, L. Direct-gap Ge/GeSn/Si and GeSn/Ge/Si heterostructures 81296

Soref, R.A., Namavar, F., Kalkhoran, N.M., Koker, D.M. Silicon optical waveguides with buried-$CoSi_2$ cladding layers 82697

Soreide, N.N., McClurg, D.C., Zhu, W.H., Denbo, D.W., McPhaden, M.J. The TAO workstation display software for real-time data from the TOGA-TAO array of moored buoys 99248

Sorek, Y., Reisfeld, R., Tenne, R. The microstructure of titanium-modified silica glass waveguides prepared by the sol-gel method 94130

Sorel, A.C.Y. *see* Devaux, F. 94187

Sorel, Y. *see* Clesca, B. 52596

Sorel, Y. *see* Mathoorasing, D. 86346

Sorel, Y. *see* Semenkoff, M. 86314

Sorensen, B. Model optimization of photovoltaic cells 100567

Sorensen, H. *see* DeCleene, B. 64755

Sorensen, H. *see* DeCleene, B. 85037

Sorensen, H.B.D., Hartmann, U. Pi-sigma and hidden control based self-structuring models for text-independent speaker recognition 73817

Sorensen, J. *see* Huiqin Gao 67624

Sorensen, J. *see* Nava, M.D. 65064

Sorensen, J.Tolstrup *see* Tolstrup Sorensen, J.

Sorensen, N.R. *see* Hosking, F.M. 92715

Sorensen, S.A. *see* Ramos, R.E. 52342

Sorensen, S.B. *see* Albertsen, N.C. 51249

Sorenson, D.S. *see* Osborne, J.H. 59212

Sorgel, H. Images in speech 84183

Sorgel, R. *see* Graf, H.H. 59893

Soriano, M. *see* Cruselles, E. 75710

Soriano, M. *see* Forne, J. 75002

Sorin, C. *see* Bigorgne, D. 73877

Sorin, F. Is there a bold decision-maker in the house [Nuclear power] 99861

Sorin, W.V. *see* Baney, D.M. 94264

Sorin, W.V. *see* Hong Lin 72766

Sorman, E. *see* Chen, W.M. 71098

Sornmo, L. *see* Svensson, O. 76997

Sorokin, A.V. Geometric parameters of stator components made from heterogeneous materials 78613

Sorokin, P.P. *see* Glownia, J.H. 73115

Sorokin, V.N. Inverse problem for fricatives 64383

Sorokin, V.N. *see* Bogdanov, Yu.V. 72940

Sorokine, V., Kschischang, F.R., Durand, V. Trellis-based decoding of binary linear block codes 73620

Sorrell, F.Y. *see* Fordham, M.J. 66706

Sorrell, Y. *see* Yu, S. 62358

Sorrentino, R. *see* Alessandri, F. 80567

Sorrentino, R. *see* Mezzanotte, P. 80745

Sorrentino, R. *see* Mezzanotte, P. 80776

Sorreratino, R. *see* Alessandri, F. 80615

Sorsch, T.W. *see* Park, B.G. 62227

Sortais, P. *see* Joubert, A. 76318

Sorteberg, I. *see* Kure, O. 58179

Sos, T. *see* Erdos, P. 61096

Sosa, M. *see* Christian, D.C. 59094

Sosa, V. *see* Zapata-Navarro, A. 55562

Soshea, E.A. *see* Iezekiel, S. 72653

Sosin, T.P., Perlin, P., Trzeciakowski, W., Tober, R., Zarecka, R. New results on optical pressure sensors based on semiconductor quantum wells 66212

Soskin, M.S. *see* Bazhenov, V.Yu. 72992

Soskin, M.S. *see* Korchemskaya, E.Y. 64013

Soskin, M.S. *see* Savchuk, A.V. 50450

Soskin, M.S. *see* Savchuk, A.V. 63350

Soskin, S.M. Nonlinear resonance for the oscillator with a nonmonotonic dependence of eigenfrequency on energy 72238

Sosnitskiy, V.N. *see* Budnik, N.N. 87114

Sosnov, E.N. *see* Agalakov, Yu.G. 82552

Sosnowski, J. The influence of Josephson currents on magnetization and the current-voltage anomalies in high T_c superconductors 50391
Sosnowski, J. The high temperature superconductivity up-dates 93905
Sosnowski, T.S. *see* June-Koo Rhee 94667
Sosphenov, A.N. *see* Zheludeva, S.I. 82667
Soss, S.R. *see* Yang, G.-R. 92973
Sossi, V., Bruckbauer, T., Wienhard, K. Comparison of the performance of the SSRB technique on the Siemens/CTI ECAT 921 and 961 PET tomographs with the ECAT 953B 98823
Sostar, A. *see* Acko, B. 75846
Sostar, A. *see* Pogorevc, B.S. 75847
Sotirelis, P., Hess, K. Electron capture in GaAs quantum wells 49794
Sotirin, B.J., Newton, J.L. Horizontal magnetic field fluctuations measured in the Lincoln Sea 99225
Sotli Peng, McCleer, P.J., Haddad, G.I. Simplified nonlinear model for the intermodulation analysis of MESFET mixers 81975
Sotnik, N. *see* Braeurer, S. 71251
Sotnik, N. *see* Franzka, S. 71254
Sotnikov, A.F. *see* Voronov, V.N. 99843
Sotnikov, A.V. *see* Lemanov, V.V. 56149
Sotnikov, G.V. *see* Antonov, A.N. 92465
Soto, L. *see* Chuaqui, H. 62037
Soto, M. *see* Anelli, P. 52129
Soto-Crespo, J.M. *see* Akhmediev, N. 63389
Sotobayashi, H. *see* Kato, T. 52898
Sotom, M. *see* Boettle, D. 97335
Sotomayor, J.L., Beheim, G. Laser-annealed Fabry-Perot fiber-optic temperature sensor 66391
Sotomayor, J.L. *see* Beheim, G. 66372
Sotomayor, R.S.de *see* de Sotomayor, R.S.
Sotomayor Torres, C.M. *see* Ferguson, I.T. 72568
Sotome, H., Matsuo, T., Baba, H., Sakata, Y., Satani, H., Tanaka, T., Okuno, Y. Expanded line of single-mode fiber optic cables for NTT 86427
Sotozaki, Y. *see* Ohkawa, K. 96428
Sotskaya, L.I. *see* Sotskii, A.B. 94141
Sotskii, A.B., Khomchenko, A.V., Sotskaya, L.I. Measurement of the parameters of cubic-nonlinear waveguides 94141
Sotta, M.C.De la *see* De la Sotta, M.C.
Sottile, J., Jr., Holloway, L.E. An overview of fault monitoring and diagnosis in mining equipment 90698
Sottini, S., Grando, D., Giorgetti, E., Palchetti, L., Qu Li, Gabrielli, G., Nocentini, M., Sbrana, G. Langmuir-Blodgett and spin coated films of poly-3BCMU for waveguide nonlinear optics 56903
Sottos, N.R., Li, L. Optimizing the hydrostatic properties of 1-3 piezocomposites 82155
Sou Guil Ann *see* Jae Yeol Rheem 95326
Sou-Pan Wu *see* Calero, J. 76056
Sou-Tung Chiu-Tsao *see* Fontenla, D.P. 67650
Soubeyran, A., Drolshagen, G., Levy, L., Matucci, A., Kensek, R.P., Betz, G., Fehringer, H.M., Rudenhauer, F.G. Deep dielectric charging simulation new guide-lines 77116
Soubeyroux, J.L. *see* Tomey, E. 72021
Soubra, M., Cygler, J., Mackay, G. Evaluation of a dual bias dual metal oxide-silicon semiconductor field effect transistor detector as radiation dosimeter 53484
Soubra, M. *see* Gerig, L. 88543
Souchon, R. *see* Chapelon, J.Y. 98936
Souchuns, C. *see* Chinoy, P. 92583
Souchuns, C. *see* Onno, P. 80764
Soucy, M. *see* Gagnon, H. 74591
Soudais, P. Iterative solution of a 3-D scattering problem from arbitrary shaped multidielectric and multiconducting bodies 73295
Souders, T.M. *see* Deyst, J.P. 95492
Souders, T.M. *see* Deyst, J.P. 97871
Souders, T.M. *see* Stenbakken, G.N. 70235
Soudi, F. *see* Ball, G.J. 78722
Soudi, F. *see* Enns, M. 68292
Soudris, D., Paliouras, V., Stouraitis, T., Skavantzos, A., Goutis, C. Systematic design of full adder-based architectures for convolution 70402
Soufflot, A. *see* Cesarsky, C.J. 52955
Soufflot, A. *see* Perault, M. 52956
Soufizadeh, D. Threshold extension in PCM by optimum energy allocation 95082
Souguil Ann *see* Hong Sub Choi 95283
Souissi, K., Odeh, F., Tang, H.H.K., Gnudi, A. Comparative studies of hydrodynamic and energy transport models 71553
Souissi, Y. Towards a modular specification and verification of protocols within a layered architecture 85295
Soukas, A. *see* Natarajan, R. 89217
Soukas, A. *see* Reece, R.K. 68746
Soukas, A.V. *see* Chang, J.S. 67188
Soukiassian, P. *see* Chen, W. 71206
Soukiassian, P. *see* Riehl-Chudoba, M. 81475
Soukouti, N. Automatic translation of OSI managed object classes to C++ classes 85664
Soulas, B. *see* Camurati, P. 49093
Soulas, T. *see* Oklobdzija, V.G. 70350
Soulen, R.J., Jr. Expected performance of a radio-frequency biased R-SQUID noise thermometer below 6 mK 63290
Soulen, R.J., Jr. *see* Ghosh, R.N. 58910
Soules, D.B. *see* Stufflebeam, J.L. 66137
Souli, N., Devaux, F., Ramdane, A., Krauz, P., Ougazzaden, A., Huet, F., Carre, M. 10 Gbit/s high performance MQW tandem modulator for soliton generation and coding 97233
Souloumiac, A., Chevalier, P., Demeure, C. Improvement in non-Gaussian jammers rejection with a non-linear spatial filter 84543
Souma, T. *see* Yokoyama, R. 77487
Soumagne, J.-C. *see* Hoang Le-Huy 88956
Soumekh, M., Nugroho, S., Jones, S., Rysdyk, R., Tran, S. ISAR imaging of an airborne DC-9 [aircraft] 88717
Soumillion, J.P. *see* Devillers, M. 79924
Soundranayagam, R., Drozhdin, A.I., Mokhov, N.V., Parker, B., Schailey, R., Wang, F. Consequences of kicker failure during HEB to collider injection and possible mitigation 67193
Soundranayagam, R. *see* Carrigan, R.A., Jr. 59039
Soung Soon Chun *see* Young Jin Jeon 55953
Soupene, H. *see* Askenazy, S. 83568
Souquet, J. *see* Malissard, M. 67601
Sourbs, H., Basso, C., Calvignac, J. Intelligent LAN conncentrations evolution to ATM 52184
Sourour, E. Time slot assignment techniques for TDMA digital cellular systems 52410
Sourour, E. *see* Murata, Y. 75315
Sourzeix, S. *see* Nez, F. 86973
Sousa, A.T. *see* Freitas, P.P. 75948
Sousa, E.S., Jovanovic, V.M., Daigneault, C. Delay spread measurements for the digital cellular channel in Toronto 97147
Sousa, E.S. *see* DaSilva, V.M. 74662
Sousa, G.C.D., Bose, B.K., Cleland, J.G. Fuzzy logic based on-line efficiency optimization control of an indirect vector controlled induction motor drive 100858
Sousa, G.C.D., Bose, B.K., Kim, K.S. Fuzzy logic based on-line MRAC tuning of slip gain for an indirect vector-controlled induction motor drive 90523
Sousa, J.T., Goncalves, F.M., Teixeira, J.P., Williams, T.W. Fault modeling and defect level projections in digital ICs 49223
Sousy, F.F.M.El *see* El Sousy, F.F.M.
Soutar, C., Kanghua Lu Determination of the physical properties of an arbitrary twisted-nematic liquid crystal cell 82735
Soutar, C., Monroe, S.E., Jr., Knopp, J. Measurement of the complex transmittance of the Epson liquid crystal television 56441
Soutar, D.S. *see* Wrench, A.A. 98988
Souteyrand, E., Martin, J.R., Martelet, C. Direct detection of biomolecules by electrochemical impedance measurements 67445
South, C.R. *see* Milner, S.H. 48827
Southard, D.A. *see* Veron, H. 66626
Southard, P.W., Stahl, H.P. Feasibility of using the Hartmann test for contouring an automotive headlamp parabolic reflector 76197
Southard, R.B. *see* Hunter, C.S. 91157
Southcott, M. *see* Jihan Zhu 84187
Southern, M. *see* Deutsch, R.W. 78971
Southey, R.D., Dawalibi, F.P., Vukonich, W. Recent advances in the mitigation of AC voltages occurring in pipelines located close to electric transmission lines 68265
Southwick, R. Comments on "An improved method of measuring the power-line impedances using two current probes" 76147
Southworth, J.H. *see* Young, D.B. 96611
Southworth, S.H., MacDonald, M.A., LeBrun, T., Deslattes, R.D. Electron-ion-X-ray spectrometer system 88259
Souto, J., Rodriguez, M.L., Desaja, J.A., Aroca, R. Langmuir-Blodgett films of lanthanide bysphthalocyanines: applications as gas sensors 76095
Souto, J. *see* Rodriguez-Mendez, M.L. 58887
Soutome, Y. *see* Satoh, Y. 56219
Souza, A.C.Zambroni de *see* Zambroni de Souza, A.C.
Souza, A.F.de *see* de Souza, A.F.
Souza, C.E.de *see* de Souza, C.E.
Souza, E.A.M.de *see* de Souza, E.A.M.
Souza, E.J.S.Pires de *see* Pires de Souza, E.J.S.
Souza, J.Campello de *see* Campello de Souza, J.
Souza, J.M. *see* Campanholi, S.M. 85477
Souza, J.Moreira de *see* Moreira de Souza, J.
Souza, J.Neuman de *see* Neuman de Souza, J.
Souza, M.N. *see* Seixas, J.M. 87644
Souza, M.N. *see* Seixas, J.M. 98661
Souza, P.V.de *see* de Souza, P.V.
Souza, R.De *see* De Souza, R.
Souza, R.F. *see* de Barros, L.E.M., Jr. 86430
Souza, R.J., Krishnakumar, P.G., Ozveren, C.M., Simcoe, R.J., Spinney, B.A., Thomas, R.E., Walsh, R.J. GIGAswitch system: a high-performance packet-switching platform 58116
Souza, R.M.Campello de *see* Campello de Souza, R.M.
Souza, R.M.C.de *see* de Souza, R.M.C.
Souza, S.P. *see* Mueller, O.M. 60353
Souza, V. *see* Glabus, M.F. 53433
Souza Queiroz, I.de, Jr. *see* de Souza Queiroz, I., Jr.
Souza Sobrinho, C.L.S., Giarola, A.J. Analysis of a dielectric channel waveguide diffused in an anisotropic substrate with a Gaussian/Gaussian index of refraction profile using the finite-difference method 80570
Souza Sobrinho, C.L.S., Giarola, A.J. The use of the finite-difference method for the analysis of the coupling between anisotropic dielectric waveguides 80571
Sova, R.M. *see* Grabow, B.E. 56286
Sovak, P., Matta, P., Nebus, P., Svec, T., Konc, M. The influence of annealing on the structural and magnetic properties of the $Co_{100-x}Ni_x$ thin films 72023
Sovak, P. *see* Konc, M. 72007
Sovereign, M. *see* Bailey, M. 77775
Sovetov, V.M. Synthesis and analysis of an algorithm for processing a complex signal for a channel with variable parameters using a representation of a wide-band communication system by a dynamic model in state space 51516
Sow, Y.K., Yasmin, A., Dias, R. Improving gold-silver wirebond integrity in plastic packages 92847
Sowada, D. *see* Fricke, A. 71210
Sowelam, S.M. *see* Tewfik, A.H. 86543
Sowell, T. Total quality control through statistical process control 79447
Sowerby, K.W. *see* Cartwright, P.M. 65671
Sowerby, K.W. *see* Sathyendran, A. 65667
Soyama, N., Sasaki, G., Atsuki, T., Yonezawa, T., Ogi, K. Preparation of dielectric thin films from photosensitive sol-gel solution 91555
Soyama, N. *see* Nakao, Y. 91554
Soylemez, M.S., Unsal, M. Computation of steady laminar natural convective heat transfer from localized heat sources in enclosures 79411
Soysal, A.O., Semlyen, A. State equation approximation of transfer matrices and its application to the phase domain calculation of electromagnetic transients 59902
Soysal, A.O., Semlyen, A. Reduced order transmission line modeling for improved efficiency in the calculation of electromagnetic transients 89191
Soyuer, M., Ewen, J.F., Chuang, H.L. A fully monolithic 1.25 GHz CMOS frequency synthesizer 70316
Spaan, M., Goehlich, A., Schulz-von der Gathen, V., Dobele, H.F. Experimental tests of a novel Raman cell for vacuum ultraviolet generation to below Lyman-α 63673
Spaanenburg, H. *see* Johnson, M. 76135
Spaargaren, K. Frequency stability of free-running oscillators 91946
Spack, H. *see* Holler, K. 68891
Spada, E.J. *see* Trouilloud, P.L. 63175
Spada, F.E. *see* Berkowitz, A.E. 72193
Spadaccini, G. *see* Grassi, D. 88039
Spadoni, M. A review of conductor development for large fusion magnets 82415
Spadoni, M. *see* Balsamo, E.P. 82475
Spadoni, M. *see* Bruzzone, P. 82460
Spadoni, M. *see* della Corte, A. 82441
Spadtke, P., Brown, I., Fojas, P. Low-energy ion beam extraction and transport: experiment-computer comparison 53277
Spadtke, P., Emig, H., Wolf, B.H., Oks, E. Influence on the extracted ion beam of gas added to the MEVVA discharge 53215
Spadtke, P., Emig, H., Wolf, B.H., Oks, E. Influence of gas added to the MEVVA discharge on the extracted ion beam 98498
Spadtke, P., Tinschert, K., Ivens, D. Simulation of ion beam extraction from an ECR source 53274
Spadtke, P. *see* Franzke, B. 76402
Spadtke, P. *see* Oks, E. 53214
Spadtke, P. *see* Oks, E. 98497
Spadtke, P. *see* Steck, M. 76411
Spadtke, P. *see* Wolf, B.H. 98493
Spaepen, A. *see* Hine, N.A. 98993
Spaepen, F. *see* Wilk, G.D. 79775
Spagnolini, U. Compound events decomposition and the interaction between AVO and velocity information 77238
Spagnolo, G.S. *see* Paoletti, D. 76199
Spagnolo, G.Schirripa *see* Schirripa Spagnolo, G.
Spahn, W. *see* Waag, A. 69995
Spahni, H. *see* Neuschafer, D. 50936
Spahr, J.A. *see* Mechoso, C.R. 85712
Spak, M. *see* Lynch, T. 81632
Spal, R.D. The effect of a crystal monochromator on the local angular divergence of an X-ray beam 59222
Spalding, J.W., Luft, L.A. Differential GPS integrity monitor 65952
Spalding, L.N. *see* de Salles, A.A. 56540
Spale, J. *see* Kuntz, W. 80298
Spalek, G. *see* Rusnak, B. 67128
Spalek, O. *see* Schmiedberger, J. 94338
Spallek, R.G. *see* Graetz, T. 80069
Spalvieri, A. *see* D'Andrea, N.A. 52266
Spalvieri, A. *see* Pellizzoni, R. 73663
Spammer, S.J., Swart, P.L., Meyer, J. Angular range extension of an analog integrated circuit synthesizing trigonometric functions 61598
Spammer, S.J. *see* Booysen, A. 76038
Spammer, S.J. *see* Booysen, A. 87208
Spammer, S.J. *see* Meyer, J. 52900
Span, F. *see* Jackman, J. 81163
Spandre, G. *see* Angelini, F. 59120
Spandre, G. *see* Angelini, F. 98520
Spanel, U. *see* Krost, G. 99562

Spanggaard, J. *see* Akbari, H. 76610
Spangler, J.J., Behera, A.K. A comparison between hysteretic and fixed frequency boost converters used for power factor correction 53667
Spangler, S.R. *see* Sakurai, T. 75693
Spanias, A.S. Speech coding: a tutorial review 95236
Spanias, A.S. *see* Fulchiero, R. 84158
Spaniol, J., Belmont, M.R., Summers, I.R., Vennart, W. Generalized multiresolution analysis of magnetic resonance images 98797
Spaniol, O. The evolution of high performance networking: driving forces and handicaps 52182
Spaniol, O. *see* Davids, P. 52169
Spann, J.F. *see* Keffer, C.E. 63538
Spann, J.F. *see* Keffer, C.E. 88640
Spanner, M. *see* Peng Gong 77598
Spanner, M. *see* Peng Gong 88866
Spano, P., Castelli, F., Debernardi, P., Cavaciuti, A. Frequency conversion in semiconductor lasers and amplifiers 73050
Spano, P. *see* D'Ottavi, A. 56849
Spanos, C.J., Leang, S., Lee, S. A control and diagnosis scheme for semiconductor manufacturing 60918
Spanos, C.J. *see* Boskin, E.D. 56083
Spanos, C.J. *see* Boskin, E.D. 82068
Spanos, C.J. *see* Chen, R.L. 69549
Spanos, L., Liu, Q., Irene, E.A., Zettler, T., Hornung, B., Wortman, J.J. Investigation of roughened silicon surfaces using fractal analysis. II. Chemical etching, rapid thermal chemical vapor deposition, and thermal oxidation 93164
Spanos, L. *see* Hu, Y.Z. 93209
Spanulescu, I. *see* Iftimia, N. 99163
Sparaggis, P.D. Routing and scheduling in heterogeneous systems: a sample path approach 79538
Sparaggis, P.D., Cassandras, C.G., Towsley, D. On the duality between routing and scheduling systems with finite buffer space 69674
Sparaggis, P.D., Towsley, D., Cassandras, C.G. Routing with limited state information in queueing systems with blocking 69677
Spariosu, K., Birnbaum, M. Intracavity 1.549-μm pumped 1.634-μm Er:YAG lasers at 300 K 63731
Spariosu, K., Birnbaum, M., Viana, B. Er^{3+}:$Y_3Al_5O_{12}$ laser dynamics: effects of upconversion 56700
Sparkman, A. *see* Chi-Taou Tsai 91038
Sparks, R.A. Advanced microwave packaging and interconnection techniques 80796
Sparks, R.J. Earthing for power systems 53794
Sparling, C. Plugging into TCP/IP with Windows Sockets 96678
Sparr, R.H. *see* Adkins, A.A. 65725
Sparrow, D. *see* Braunstein, M. 75566
Spassovsky, I.P., Correa, R.A., Barroso, J.J., Yovchev, I.G. High-quality electron beam with nonadiabatic electrostatic pumping 83521
Spassovsky, I.P. *see* Castro, P.J. 80641
Spata, M. *see* Drury, M. 67082
Spataro, B. *see* Bartalucci, S. 67061
Spataro, B. *see* Whitham, K. 67009
Spataro, C. *see* Danby, G.T. 76857
Spataro, C. *see* Danby, G.T. 87673
Spath, M. *see* Preuss, S. 93183
Spaulding, A.D., Stewart, F.G. A critique of the reliability and service probability calculations for the ionospheric communication analysis and predictions program—IONCAP 73341
Spaulding, D.A. Development and licensing for the Lorella pumped storage project 78505
Spaulding, M.D. *see* Savin, H.V. 70382
Spayd, N. *see* Goren, Y. 67091
Spayd, N. *see* Ruiz, E. 87716
Spazhakin, V.A. *see* Vasilev, A.B. 50893
Spaziani, S. *see* Martin, E.A. 56555
Spazzafumo, G. *see* Coluccia, M. 89190
Spe, R. *see* Brune, C. 68502
Speagle, R.C., Hu, J., Dawson, D.M., Qu, Z. Robust tracking control of a permanent magnet stepper motor without current measurements 100178
Spear, P. *see* Fife, A.A. 93943
Spear, P. *see* McKay, J. 88468
Spears, D. *see* Brackett, P. 85887
Spears, D. *see* Rice, W.O. 58218
Specht, E., Loeser, A. Assistive technology as an administrative tool: one example 51408
Specht, H.Von *see* Von Specht, H.
Specht, J.E. *see* Pardo, R.C. 76297
Specht, V. *see* Lawson, W. 76377
Specka, A., Bernard, D., Guirlet, R., Jacquet, F., Mine, P., Montes, B., Morano, R., Poileux, P., Amiranoff, F., Morillo, J. High resolution beam monitoring with optical transition radiation at 3 MeV electron energy 76597
Specking, W. *see* della Corte, A. 82441
Speckter, H.E. *see* Muller, T. 97184
Spector, D. *see* Desourdis, R.I., Jr. 75386
Spector, G.B., McCollum, T., Spowart, A.R. Scintillator fiber optic long counter response to neutrons from 0.5-15.1 MeV 67358
Spector, J. *see* Hudson, C.L. 98457
Spector, P.L. Wireless communications and personal freedom 86214
Spee, R. *see* Brune, C.S. 68508
Spee, R. *see* Enslin, J.H.R. 99640
Spee, R. *see* Rajkumar, V. 89000
Spee, R. *see* Ruqi Li 78890
Spee, R. *see* Wang, Y. 78054
Spee, R. *see* Zhou, D. 100859
Spee, R. *see* Zhou, D. 100860
Spee, R. *see* Zhu, W. 77859
Speerli, J., Volkart, P. Dynamics of flow in the low-level runoff channels of dams 89720
Speicher, P. *see* Fayette, D.F. 54497
Speier, P., Capella, R.M., Simes, R., Mesquida, G., Fernier, B., Mayer, H.P. High performance SLMQW lasers dedicated to telecom applications 83173
Speliotis, D.E. Double-layer particulate magnetic recording tapes 56218
Speliotis, D.E., Judge, J.P., Lynch, W., Burbage, J., Keirsted, R. Magnetic and recording characterization of Ba-ferrite particulate rigid disk media 50281
Spellenberg, B. *see* Hausler, G. 50642
Speller, R.D. *see* Horrocks, J.A. 59370
Speller, R.D. *see* Martinez-Davalos, A. 88382
Speller, R.D. *see* Royle, G.J. 88049
Spellicy, R. *see* Bashour, K. 62383
Spellman, M. The application of spread spectrum datalinks to GPS-based air traffic navigation, surveillance, and control 65949
Spelman, L.H. *see* Jochem, W.J. 75867
Spelta, C. Safety principles for electrical installations in explosive atmospheres 60877
Spenato, D. *see* Fessant, A. 66655
Spence, C., Nistler, J., Barouch, E., Hollerbach, U., Orszag, S. Automated determination of CAD layout failures through focus: experiment and simulation 71754
Spence, W. *see* Adolphsen, C. 76537
Spence, W.L., Decker, F.-J., Woodley, M.D. Transverse tails and higher order moments 87887
Spence, W.L. *see* Seeman, J.T. 87898
Spencer, C.M. Fabrication of a prototype dipole for and the SSC Low Energy Booster 87774
Spencer, D.D. *see* Murray, D.W. 90937
Spencer, E. *see* Unno, Y. 98558
Spencer, E. *see* Ziock, H.J. 76767
Spencer, E.N. *see* Barberis, E. 67376
Spencer, E.N. *see* Cartiglia, N. 71769
Spencer, J. Randomization, derandomization and antirandomization: three games 79552
Spencer, J. *see* Barletta, B. 76636
Spencer, J. *see* Mathieson, D. 100184
Spencer, J. *see* Raubenheimer, T.O. 76339
Spencer, J. *see* Ruth, R.D. 66791
Spencer, J.E. Tests and analysis for SLC damping ring data 66958
Spencer, J.E. *see* Yang, L.W. 55930
Spencer, J.L. *see* McNamara, G.P. 96374
Spencer, J.W. *see* Smith, R. 82532
Spencer, N. *see* Allison, S. 87623
Spencer, N. *see* McCormick, D. 76336
Spencer, P.W. *see* Mashikian, M.S. 68244
Spencer, R., Foden, P.R., Vassie, J.M. Development of a multi-year deep sea bottom pressure recorder 99292
Spencer, R. *see* Garabedian, R. 66248
Spencer, R. *see* Wu, S. 77373
Spencer, R.C. *see* Grainger, L.G. 59708
Spencer, R.C. *see* Grainger, L.G. 88981
Spencer, R.H. *see* Floyd, R.E. 90816
Spencer, R.W. *see* Vivekanandan, J. 77375
Spencer, S.A. *see* Brezovich, I.A. 77043
Spencer, T.A. *see* Gilgenbach, R.M. 76640
Spencer, T.H. Provably good pattern generators for a random pattern test 49356
Spener, F. *see* Feldbrugge, R. 66504
Spener, F. *see* Schoemaker, M. 66515
Spengler, J. *see* Michel, E. 88029
Spengos, M. *see* Kawall, D. 98563
Spenkelink, G.P.J., Besuijen, K. The perception and measurement of contrast: the influence of gaps between display elements 98208
Spens, K.-E. *see* Granstrom, B. *(editor)* 90713
Speranza, R. *see* Malesani, L. 100863
Speriosu, V.S. *see* Heim, D.E. 72133
Sperisen, F. *see* Blinov, B.B. 87861
Sperisen, F. *see* Ross, M.A. 53283
Sperka, D. *see* Alexander, J.P. 70305
Sperka, D.J. *see* Alexander, J.P. 59072
Sperr, P. *see* Willutzki, P. 87666
Sperry, D.J. *see* Oberhardt, M.R. 88633
Speth, J.A. *see* Marshall, C.D. 94425
Speth, R.R. *see* Zhang, L. 71311
Spetsieris, P. *see* Dhawan, V. 88450
Spetz, A. *see* Arbab, A. 66555
Spetz, A. *see* Assadi, A. 66576
Speziali, V. *see* Aulchenko, V.M. 67341
Speziali, V. *see* Buttler, W. 93648
Speziali, V. *see* Cantoni, P. 53306
Speziali, V. *see* Cesura, G. 53344
Speziali, V. *see* Gingrich, D. 53291
Speziali, V. *see* Radeka, V. 67380
Spezziga, M. *see* Angelini, F. 98520
Spezziga, M. *see* Sachdeva, R. 88016
Sphicas, G. *see* Chinho Lin 69607
Sphicopoulos, T. *see* Paschos, V. 63792
Spiazzi, A. *see* Malesani, L. 68777
Spiazzi, G., Rossetto, L. High-quality rectifier based on coupled-inductor Sepic topology 100282
Spiazzi, G. *see* Rossetto, L. 49144
Spiazzi, G. *see* Rossetto, L. 60320
Spiazzi, G. *see* Rossetto, L. 68843
Spicer, M.R., Gilbert, B.G., Jeffrey, G.M. A PTT's view of SDH — a deployment strategy 51966
Spicer, W.E. *see* Green, A.M. 93203
Spick, T. *see* Bahr, J. 82686
Spickermann, R., Dagli, N. Experimental analysis of millimeter wave coplanar waveguide slow wave structures on GaAs 92564
Spickermann, R. *see* Tauber, D. 83138
Spiegel, E. *see* Dudaicevs, H. 66246
Spiegel, G. Fault probabilities in routing channels of VLSI standard cell designs 50072
Spiegel, H. *see* Bury, G. 59838
Spiegel, J.Van der *see* Van der Spiegel, J.
Spiegel, R.J. *see* Sandelli, G.J. 60151
Spiegelberg, W.D. *see* Ratka, J.O. 83538
Spiegelberg, W.D. *see* Weggel, R.J. 83546
Spiekman, L.H., Oei, Y.S., Metaal, E.G., Green, F.H., Moerman, I., Smit, M.K. Extremely small multimode interference couplers and ultrashort bends on InP by deep etching 82640
Spieler, H. *see* Jordanov, V.T. 98672
Spieler, H. *see* Kipnis, I. 88250
Spieler, H. *see* Kipnis, I. 98686
Spieler, H. *see* Ludewigt, B. 88063
Spieler, H. *see* Ludewigt, B. 98621
Spieler, H. *see* Unno, Y. 98558
Spielman, R.B. *see* Hanson, D.L. 87413
Spielman, R.B. *see* Nash, T.J. 63623
Spielmann, C., Curley, P.F., Brabec, T., Krausz, F. Ultrabroadband femtosecond lasers 63732
Spielmann, C. *see* Harvey, J.D. 63755
Spielmann, S. *see* Appuhn, R.D. 98542
Spiering, Ch. *see* Belolaptikov, I.A. 59156
Spierings, G.A.C.M., Haisma, J. Direct bonding of organic materials 62380
Spierings, W., van Nuland, E. Office holoprinter: concepts 56979
Spies, A. *see* Amidei, D. 98639
Spies, M. Transducer-modeling in general transversely isotropic media via point-source-synthesis: theory 91657
Spiess, W., Lynch, T., Le Cornec, C., Escher, G., Kinoshita, Y., Kochan, J., Kudo, T., Masuda, S., Mourier, T., Nozaki, Y., Olson, S., Okazaki, H., Padmanaban, M., Pawlowski, G., Przybilla, K.J., Roschert, H., Suehiro, N., Vinet, F., Wengenroth, H. Evaluation results for the positive deep UV resist AZ DX 46 81620
Spiess, W. *see* Bauch, L. 71468
Spiess, W. *see* Padmanaban, M. 81618
Spiewak, S.A. *see* Chung, Y.L. 87101
Spieweck, F. *see* De Bievre, P. 86970
Spieweck, F. *see* De Bievre, P. 86980
Spieweck, F. *see* Seyfried, P. 86967
Spiga, M., Vannini, M. Cogeneration parameters in gas-turbine systems 89673
Spigarolo, R. *see* Ripamonti, G. 98701
Spigo, G. *see* Ahlback, J. 82424
Spigulis, J., Lazdins, J. Compact dielectric reflective elements. II. Multichannel filter of closely spaced spectral bands 94239
Spiik, B. Training for changes [in broadcasting] 97564
Spiliotis, I.M., Mertzios, B.G. Real-time computation of statistical moments on binary images using block representation 57765
Spille, J. *see* Schroder, E.F. 86804
Spiller, E. Diffraction-limited large X-ray optics 67403
Spiller, J. *see* Burt, G.M. 59754
Spiller, J. *see* Burt, G.M. 59813
Spiller, P. *see* Winkler, M. 76564
Spiller, T.P. *see* Ralph, J.F. 93967
Spilling, P. *see* Maillot, D. 96864
Spilling, P. *see* Olnes, J. 96513
Spillman, W.B., Jr., Durkee, S. Non-contact power/interrogation system for smart structures 97973
Spillman, W.B., Jr., Nelson, A.R. Self-routing multiplexing system for fiber optic sensors 52896
Spillman, W.B., Jr., Rudd, R.E. Enhanced performance Faraday sensor 76045
Spillman, W.B., Jr. *see* de Vries, M.J. 98066
Spillman, W.B., Jr. *see* Wu, J. 91670
Spilotros, F. *see* Mastronardi, G. 84869
Spina, P.R. *see* Bettocchi, R. 89721
Spindel, A., Tupper, M.L., McLaughlin, W.L., Whitaker, H.L., Overett, T. Calibration of dosimeters for the cryogenic irradiation of composite materials using an electron beam 93977
Spindel, L.A. *see* Dagdeviren, N. 65414
Spindler, G., Renz, G. Microundulator operation resonantly enhanced by a strong magnetic guide field 53116
Spindler, O. *see* Nguyen, S.V. 61383
Spindt, C.A., Holland, C.E., Rosengreen, A., Brodie, I. Field emitter array development for gigahertz operation 62083
Spindt, C.A., Holland, C.E., Rosengreen, A., Brodie, I. Progress in field-emitter array development for high-frequency operation 92876
Spindt, C.A. *see* Feinerman, A.D. 81608
Spinella, C., Cacciato, A., Rimini, E., Fallico, G., Ferla, G., Ward, P. Structural transformations of As-doped polycrystalline silicon layers used as emitter contacts 79823

Spinella, C. *see* Battaglia, A. 71082
Spinella, C. *see* Galvagno, G. 81430
Spinetto, R.D. *see* Lightfoot, J.M. 65350
Spini, A. *see* Salza, P.L. 64339
Spini, M. *see* Benedetto, V. 52309
Spinillo, G. *see* Conley, W. 81650
Spinillo, G. *see* Fahey, J. 81648
Spinillo, G.T. *see* Linehan, L.L. 81639
Spinks, J. *see* Schultz, K.I. 53550
Spinks, T.J. *see* Grootoonk, S. 59288
Spinney, B.A. *see* Souza, R.J. 58116
Spinos, F. *see* Burgett, W. 98480
Spinos, F. *see* McInturff, A.D. 76652
Spirakis, P. *see* Androutsopoulos, D. 96497
Spirakis, P. *see* Garofalakis, J. 65040
Spirakis, P. *see* Kirousis, L.M. 65047
Spiric, J. Selection and change of the radius range of the network after the change of load 68226
Spiridonov, M., Leys, C., Toebaert, D., Sazhin, S., Desoppere, E., Wild, P., McKenna-Lawlor, S.M.P. Investigation of the active medium of a direct-current-excited fast-axial-flow CO_2 laser using a tunable diode laser 56620
Spirin, V.V. *see* Petrov, M.P. 56719
Spirin, V.V. *see* Petrov, M.P. 72727
Spirit, D.M., Ellis, A.D. Optical time division multiplexing for high capacity transmission 65807
Spirit, D.M. *see* Ellis, A.D. 65811
Spirit, D.M. *see* Elmer, P.M. 66020
Spirit, D.M. *see* Gu, X. 65809
Spirit, D.M. *see* Holmes, M.J. 50482
Spirit, D.M. *see* Shan, X. 65800
Spirit, D.M. *see* Tatham, M.C. 75511
Spiriti, E. *see* Farilla, A. 52772
Spirito, P. *see* Fratelli, L. 55905
Spirito, P. *see* Strollo, A.G.M. 93317
Spirito, P. *see* Vitale, G. 81948
Spirkovitch, S. *see* Milne, N.G. 90039
Spirkovitch, S. *see* Ziad, H. 68655
Spirkovska, L., Reid, M.B. Higher-order neural networks applied to 2D and 3D object recognition 64829
Spiro, G. *see* Bareket, R. 74521
Spirov, Ts.I., Shapovalov, V.I. Optimum geometry of a broad-beam ion source 53139
Spisak, H. *see* Alsammarae, A. 99891
Spisak, M. *see* Alsammarae, A. 89483
Spisak, P. *see* Konc, M. 72007
Spitczok von Brisinski, I. Ultrafast display buildup with standard VGA on MS-DOS computers 77029
Spitsyn, A.I., Charkin, V.A., Shnyrkov, V.I. Coupled superconducting suspensions in the field of current-conducting solenoids 100884
Spitz, H. *see* Wierer, P. 58579
Spitz, R. *see* Brennan, J.M. 67178
Spitz, R. *see* Sanders, R.T. 67163
Spitzberg, R.M. Parameter estimation for gray and nongray targets: theory and data analysis 74464
Spitzer, A.R. *see* Hassoun, M.H. 98916
Spitzer, A.R. *see* Hassoun, M.H. 98917
Spitzer, M. *see* Dolny, G. 98213
Spitzer, M. *see* Khormaei, R. 66624
Spitzig, W.A. *see* Chong, K.P. 79758
Spitzmesser, D. *see* Lichten, S.M. 75671
Spitznagel, K.A. *see* Kornblit, M.J. 68503
Spiwoks, R. *see* Borer, K. 53347
Spizzichino, A. *see* Labanti, C. 76762
Splett, A., Petermann, K. Low loss single-mode optical waveguides with large cross-section in standard epitaxial silicon 50525
Splett, A. *see* Presting, H. 94460
Splichal, M.P. *see* Anderson, H.M. 62428
Splingart, B. *see* Lipka, K.-M. 62858
Splinter, R., Nanney, G.A., Littmann, L., Chuang, C.H., Svenson, R.H., Tuntelder, J.R., Tatsis, G.P. Monitoring tissue optical characteristics in-situ using a CCD camera 67463
Splitt, G. Improved numerical calculation methods for analysis of microstrip antennas 57280
Spoehr, K.T. *see* White, B.Y. 79178
Spohn, P.K. Optical restrictions on the quantitative use of grating coupler sensors (GCS) 66200
Spohr, R. *see* Apel, P. 53339
Spong, P. *see* Gaetz, W. 77765
Sponheim, N., Gelius, L.-J., Johansen, I., Stamnes, J.J. Ultrasonic tomography of biological tissue 98879
Sponner, E. *see* Wu Wei 89865
Sponsel, W.E. *see* Prager, T.C. 98897
Sponsler, M.B. *see* Carlen, C.R. 94684
Sponsler, M.B. *see* Zhang, J. 57013
Spooner, C. *see* Hashemi, H. 69558
Spooner, C.M., Gardner, W.A. Robust feature detection for signal interception 58297
Spooner, E., Chalmers, B.J. DC motors with high-critical-temperature superconducting field winding and slotless armature 54036
Spooner, E. *see* Westlake, A.J.G. 100049
Spooner, N.J.C., Smith, P.F., Arnison, G.T.J., Homer, G.J., Lewin, J.D., Van den Putte, M., Quenby, J.J., Davies, G.J., Grant, S., Jones, W.G., Lally, C.H., Li, J., Smith, N.J.T., Sumner, T.J. Development of scintillation detectors for dark matter searches at Boulby mine 59151
Spooner, W.P. Evolution of an MMDS industry 97555
Spoonley, N. Quaternary learning 60791
Spooren, R. Standard charge-coupled device cameras for video speckle interferometry 52960
Spoormaker, J.L. The role of failure analysis in establishing design rules for reliable plastic products 79497
Sporckmann, B. Emission discussion for the electric car 60565
Sporken, R. *see* Malengreau, F. 49011
Sporkmann, T. *see* Pogatzki, P. 92596
Sporl, G. *see* Binneberg, A. 93965
Sporleder, F. Photonics: Technologies for telecommunications of the future 86486
Sporn, S.R. The air traffic controller and Maxwell's Demon 88720
Sporon-Fiedler, F. *see* Rosner, S.J. 81701
Spousta, J. *see* Layadi, N. 61372
Spowart, A.R. *see* Spector, G.B. 67358
Spracklen, C.T. *see* Millar, I. 51816
Spracklen, C.T. *see* Millar, I. 52128
Spragg, P. *see* Schlicht, K. 81664
Spragins, J. Local-area network reliability models 65349
Sprangle, P., Hafizi, B., Joyce, G., Serafim, P. Electron beam quality limitations and beam conditioning in free electron lasers 63885
Sprangle, P. *see* Hafizi, B. 50877
Sprangle, P. *see* Hafizi, B. 76374
Sprangle, P. *see* Hafizi, B. 76629
Sprangle, P. *see* Krall, J. 76370
Sprangle, P. *see* Ting, A. 76371
Spratt, D. *see* Chen, I.-C. 81909
Spratt, G.W.D. *see* Lekawat, L. 50282
Spratt, M., Watson, G., Albrecht, A., Curcio, J., Dove, D., Goody, S. IEEE 802.12: The local area network upgrade to 100 Mb/s and beyond 85701
Spratt, M. *see* Grinham, J. 52106
Spratt, M. *see* Grinham, J. 85696
Spray, A. *see* Lang, R. 55313
Spray, A. *see* Tan, B.T. 57433
Spreen, D.E., Hogge, C.B. Characterizing high-altitude horizontal path optical propagation 94836
Spreng, D. *see* Aebischer, B. 89179
Sprengepiel, J. *see* Mueller, U. 80847
Spring, A., Unger, H. Fast identification procedure for recursive multirate systems 57477
Spring, C.T., Cangellaris, A.C. Application of domain decomposition methods for numerical modeling of wave phenomena on serial and parallel computer architectures 51186
Spring, J. *see* Rankin, R. 48825
Springer, D.L., Thomas, D.E. Exploiting the special structure of conflict and compatibility graphs in high-level synthesis 61668
Springer, J. *see* Baumgartner, A. 81106
Springer, K.N. *see* Jia, Q.X. 72235
Springer, R. *see* Kruger, G. 97198
Springer, W. *see* Anderson, B.E. 88246
Springham, S.V. *see* Lee, S. 78775
Springholz, G., Frank, N., Bauer, G. Surface roughening transition and critical layer thickness in strained-layer heteroepitaxy of EuTe on PbTe (111) 54907
Springholz, G. *see* Frank, N. 91440
Springintveld, J. *see* Korver, H. 57992
Springmann, B. *see* Grunberger, W. 72017
SpringThorpe, A.J. *see* Arent, D.J. 56524
SpringThorpe, A.J. *see* Ojha, J.J. 56013
Springthorpe, A.J. *see* Qu, X.H. 94602
SpringThorpe, A.J. *see* Tan, R.K. 96900
Sproat, I.A. *see* Swan, J.S. 53385
Spronck, J.W. *see* Bonse, M.H.W. 58685
Spronck, J.W. *see* de Jong, G.W. 58692
Spronck, L. *see* Dubois, J. 90241
Sproston, J.L., Stanway, R., Williams, E.W., Rigby, S. The electrorheological automotive engine mount 57064
Sproston, J.L. *see* Clack, J. 91407
Sprotte, A., Buckhorst, K., Brockherde, W., Hosticka, B.J., Bosch, D. CMOS magnetic-field sensor system 87065
Sproul, A.B. Dimensionless solution of the equation describing the effect of surface recombination on carrier decay in semiconductors 81172
Sproul, A.B. *see* Warta, W. 81184
Sprout, D.M. *see* Ferguson, R.A. 71466
Spruijt, H.J. *see* Joosten, G.J.P. 55773
Spruth, H., Johannes, F. Parallel routing of VLSI circuits based on net independency 56050
Sprysl, H. *see* Vogele, H. 89886
Spurdens, P.C., Salter, M.A., Harlow, M.J., Newson, D.J. Control of parallel conduction in MOVPE grown InP based HFETs 81943
Spurdens, P.C. *see* Harlow, M.J. 54900
Spurio, M. *see* Cecchini, S. 88183
Spurlin, J. *see* Javan, H. 80677
Spurlin, J. *see* Javan, H. 82770
Spurny, F., Votockova, I. Response of thermoluminescent detectors to protons and alpha particles with energies below 10 MeV 77097
Spurny, F., Votockova, I. Response of some thermoluminescent detectors to alpha particles 88575
Spurny, F., Votockova, I., Bamblevski, V.P. On the energy dependence of bubble damage neutron detectors 88159
Spurny, F. *see* Bamblevski, V.P. 88153
Spyridelis, J. *see* Hanias, M.P. 71139
Spyrou, N.M. *see* Darambara, D.G. 88032
Spytsin, I.A. Interaction between two identical ideally diamagnetic current-carrying rings in a closely spaced coaxial arrangement 57039
Squarcia, S. *see* Adam, W. 88114
Squib, N. Network support for mixed media integrated applications 51914
Squicciarini, M.F. *see* Mullen, L. 88876
Squicciarini, M.F. *see* Mullen, L. 97437
Squier, J. Multiterawatt chirped pulse amplification sources: basic design considerations 56653
Squier, J. *see* Kohler, B. 83234
Squier, J. *see* Ringling, J. 73109
Squillante, M. *see* Gordon, J.S. 87969
Squillante, M.R., Gordon, J.S., Farrell, R., Vasile, S., Daley, K., Oakes, C., Vanderpuye, K. Recent advances in avalanche photodiode technology 56544
Squillante, M.R., Zhou, C., Zhang, J., Moy, L.P., Shah, K.S. InI nuclear radiation detectors 59119
Squillante, M.R. *see* Pantazis, J. 88314
Squillante, M.R. *see* Pantazis, J. 98600
Squillante, M.R. *see* Zhang, J.G. 88407
Squillante, M.R. *see* Zhang, J.G. 98561
Squire, P.T., Atkinson, D., Gibbs, M.R.J., Atalay, S. Amorphous wires and their applications 50238
Squires, E.M. *see* Martinelli, V.P. 76037
Squires, R. *see* Haden, S.M. 59736
Squizzaro, B. *see* Chezeaux, J.C. 71050
Srajer, G. *see* Yahnke, C.J. 88277
Sramka, M. *see* Holly, B. 76991
Srdanov, V.I. *see* Lee, C.H. 72596
Sredniawski, J., Solensten, L., Schmidt, R., Porter, J., Ng, Y., Lom, C., Newman, W. A method for LEBT automation (low energy beam transport) 76443
Sredniawski, J. *see* Cole, M. 67075
Sredniawski, J. *see* Gammel, G. 53193
Sredniawski, J. *see* Gammel, G. 76735
Sreedhar, A.K. *see* Gupta, S.C. 76067
Sreemoolanadhan, H., Isaac, J., Solomon, S., Sebastian, M.T., Jose, K.A., Mohanan, P. Dielectric properties of $Ba_5Nb_4O_{15}$ ceramic 63044
Sreenan, C.J. A service oriented approach to continuous media synchronization 64935
Sreenath, U. *see* Yoon, G.W. 61342
Sreenbergen, A.van *see* van Sreenbergen, A.
Sreenivas, G., Ang, S.S., Brown, W.D. Effects of nitrogen doping on the growth and properties of plasma-enhanced chemical-vapor-deposited diamond-like-carbon films 70139
Sreenivasa Rao, D., Kurdahi, F.J. Controller and datapath trade-offs in hierarchical RT-level synthesis 55068
Sreeram, A.C. *see* Krishna Murthy, T.G. 88340
Sreeram, P.N., Naganathan, N.G. Hysteresis prediction for piezoceramic actuator systems using Preisach models 82183
Sreeram, V., Agathoklis, P. On the properties of Gram matrix 48734
Sretenov, S. *see* Al-Charchafchi, S.H. 80588
Sretenskii, V.N. *see* Devyatkov, N.D. 81146
Sretenskii, V.N. *see* Kravtsov, I.A. 57053
Sretenskii, V.N. *see* Naumenko, E.D. 76289
Sri Ranga, A. Another quadrature rule of highest algebraic degree of precision 69862
Srichander, R., Datta, K.B. Design of a microprocessor based slip-power recovery drive 69035
Sridevi, P.V., Raju, G.S.N., Chakraborty, A., Das, B.N. A method of generation of sum and SLS-type difference patterns 73478
Sridhar, B., Chatterji, G. Computer-aided system for detecting runway incursions 77179
Sridhar, R. *see* Hannenhalli, S. 65308
Sridhar, R. *see* Zhang, X. 92334
Sridhar, S. Nonlinear microwave impedance of superconductors and AC response of the critical state 72237
Sridhar, S., Bhagath, S., Joshi, Y. Reviewing today's cooling techniques 90991
Sridhar, S., Huang, Y.S., Baliga, B.J. Dielectrically isolated lateral high voltage P-i-N rectifiers for power ICs 62665
Sridhar, S. *see* Huang, Y.S. 56067
Sridhar, V. *see* Ramdas, V. 84830
Sridharan, K. *see* Malik, S.M. 62385
Sridharan, S. *see* Cole, D. 95303
Sridharan, S. *see* Ong, S. 95344
Sridharan, S. *see* Yuchang Cao 95305
Sridharan, V. A note on the statistical characteristics of a two-unit system 61036
Srihari, K., Cecil, J.A., Emerson, C.R. A blackboard-based process planning system for the surface mount manufacture of PCBs 60943
Srihari, K., Raghavan, S. SMT-TAB: a process planning system for PCB assembly using TAB and SMT 90941
Srihari, K. *see* Alexander, M. 80987
Srihari, K. *see* Derebail, A. 62019
Srihari, K. *see* Maria, A. 62006
Srihari, K. *see* Yu-Wen Huang 92764
Srihari, S. *see* Yao, Y. 64633
Srihari, S.N. *see* Chen, M.-Y. 84964
Srihari, S.N. *see* Chen, M.-Y. 96041
Srihari, S.N. *see* Srikantan, G. 57822
Srihari, S.N. *see* Srikantan, G. 84678
Srihari, S.N. *see* Xin Zhao 95645

Srikantan, G., Fenrich, R.K., Srihari, S.N. Contrast enhancement for mailpiece images 57822
Srikantan, G., Srihari, S.N. A study relating image sampling rate and image pattern recognition 84678
Srikanth, K., Shenal, J., Ashok, S. Passivation of high energy hydrogen ion implantation damage in silicon with low energy atomic hydrogen 71275
Srikanth, R. *see* Buckles, B.P. 95834
Srimani, P.K. *see* Reddy, R.L.N. 96771
Srinath, M.D. *see* Sarwal, P. 51285
Srinath, M.D. *see* Sarwal, P. 74131
Srinivas, C.V. *see* Ramamohana Rao, B. 51705
Srinivas, K. *see* Jagannathan, V. 74979
Srinivas, M., Patnaik, L.M. Genetic algorithms: a survey 61122
Srinivas, V. *see* Vu-Quoc, L. 50128
Srinivas Rao, K., Pandharipande, V.M. Characterization of small apertures in the center conductor of a microstrip line 64203
Srinivasan, A., Batur, C., Veillette, R., Rosenthal, B.N., Duval, W.M.B. Projective control design for multi-zone crystal growth furnace 61220
Srinivasan, A., Batur, C., Veillette, R., Rosenthal, B.N., Duval, W.M.B. Projective control design for multi-zone crystal growth furnace 61233
Srinivasan, A. *see* Kuehlmann, A. 91792
Srinivasan, A. *see* Murtaza, S.S. 50906
Srinivasan, B. *see* Guptan, S. 96260
Srinivasan, D., Chang, C.S., Liew, A.C. Multiobjective generation scheduling using fuzzy optimal search technique 53848
Srinivasan, D. *see* Chang, C.S. 59721
Srinivasan, G. *see* Vijaya Kumar, B.V.K. 51672
Srinivasan, G.R., Murley, P.C., Tang, H.K. Accurate, predictive modeling of soft error rate due to cosmic rays and chip alpha radiation 62944
Srinivasan, J. *see* Lichten, S.M. 75671
Srinivasan, K., Lafond, C. Statistical analysis of load behavior parameters at four major loads 89095
Srinivasan, K., Prabhu, K.M.M. Application of fast Hartley transform to transmultiplexing 75142
Srinivasan, K. *see* Paksoy, E. 73869
Srinivasan, K. *see* Ramesh, N. 73040
Srinivasan, M., Sarwate, D.V. Malfunction in the Peterson-Gorenstein-Zierler decoder 95199
Srinivasan, M. *see* Shyam, A. 98554
Srinivasan, M.M. *see* Chiarawongse, J. 57964
Srinivasan, M.M. *see* Hyo-Seong Lee 91129
Srinivasan, M.M. *see* Konheim, A.G. 51808
Srinivasan, P. *see* Briggs, R.S. 91652
Srinivasan, P. *see* Kadambe, S. 57432
Srinivasan, P. *see* Kadambe, S. 73801
Srinivasan, R. Market potential for solar photo voltaic cells in India. I. Market demand 78818
Srinivasan, R. Market potential for solar photovoltaic cells in India. 2. Cost comparison 100011
Srinivasan, R., Jayaraman, R., Dietrich, B., Hague, A. Component procurement under demand uncertainty for mainframe subassemblies 54417
Srinivasan, S., Monie, E.C., Prasad, G.V.K. Design of a real time image compression system using multiple DSP 56000/96000 processors 92292
Srinivasan, V., Siang-Tiong Yeo, Chaturvedi, P. Fringe processing and analysis with a neural network 57643
Srinivasan, V. *see* Nackman, L.R. 69889
Srinivasan, V. *see* Walker, R.K. 60721
Srinivasan, V. *see* Xiaofan Liu 57869
Srinivasan, V. *see* Xiaofan Liu 95922
Srinivasan Rao, V. Dimensions of satisfaction in teleconferencing: an exploratory analysis 52246
Srinivasan-Rao, T. *see* Lehrman, I.S. 71022
Sriram, M., Kang, S.M. iPROMIS: an interactive performance driven multilayer MCM router 55052
Sriram, P., Marcellin, M.W. Performance of adaptive prediction algorithms for trellis coded quantization of speech 57429
Sriram, P., Marcellin, M.W. Image coding using wavelet transforms and entropy-constrained trellis coded quantization 85051
Sriram, P. *see* Rama Rao, P.V.S. 83678
Sriram, R. *see* Raghavan, S.V. 74809
Sriram, S., Lee, E.A. Design and implementation of an ordered memory access architecture 70596
Sriram, S. *see* Kingsley, S.A. 87252
Sriram, S. *see* Naghski, D.H. 72417
Sriram, V., Garg, N. An algorithm for forward problem solution in applied potential tomography 53417
Srivastav, S.K., Bindra, S.K., Bhardwaj, M.P. Four-way electronic switch for tracking balloon borne transmitter using sequential lobe switching 88771
Srivastava, A., Teichman, R.S., Miller, M.I., Snyder, D., O'Sullivan, J.A. Jump-diffusion based sampling algorithm for target tracking and recognition 97394
Srivastava, A. *see* Chakrabarti, P. 50682
Srivastava, A.K., Asmussen, J., Antaya, T., Harrison, K. The study of a 2.45 GHz plasma source as a plasma generator for the SCECR electron cyclotron resonance ion source 53176
Srivastava, A.K., Sze, F.C., Asmussen, J. Discharge characteristics of a 5 cm multipolar electron cyclotron resonance ion source 53230
Srivastava, A.K., Sze, F.C., Asmussen, J. Discharge characteristics of a 5 cm multipolar electron cyclotron resonance ion source 67268
Srivastava, A.K. *see* Grotjohn, T.A. 53233
Srivastava, A.K. *see* Grotjohn, T.A. 59056
Srivastava, A.K. *see* Prem Kumar, T. 68943
Srivastava, A.M. String defects in condensed-matter systems as optical fibers 82584
Srivastava, A.N. *see* Aized, D. 82323
Srivastava, A.N. *see* Goodrich, L.F. 72202
Srivastava, C.P.L. *see* Pandey, M. 61043
Srivastava, G.P. *see* Bijoy Kumar Kuanr 63204
Srivastava, H.M. Orthogonality relations and generating functions for the generalized Bessel polynomials 54726
Srivastava, H.M. *see* Chen, M.-P. 91359
Srivastava, H.N., Sinha Ray, K.C., Mukhopadhyay, R.K. Intra-seasonal oscillations of radio refractive index during southwest monsoon over India 83682
Srivastava, H.N.P. *see* Sinha, A.K. 88945
Srivastava, J.K. *see* Bhatt, B.C. 88606
Srivastava, K.N., Shrivastava, S.C., Kalra, P.K. Chaotic oscillations in power system under disturbances 59692
Srivastava, M. *see* Narkiewicz, J.D. 85800
Srivastava, M.B., Potkonjak, M. Transforming linear systems for joint latency and throughput optimization 49532
Srivastava, M.B. *see* Potkonjak, M. 80062
Srivastava, O. *see* Khare, N. 63297
Srivastava, P. *see* Garnier, F. 81921
Srivastava, R., Davidson, J.L. Fuzzy image algebra neural networks for target classification 85112
Srivastava, R.S. *see* Sahay, P.P. 71245
Srivastava, S.C. *see* Singh, S.N. 59694
Srivastava, S.K. *see* Nayak, M.S. 98144
Srivastava, S.K. *see* Upadhyay, H.N. 62459
Srivastava, V., Joshi, S.N. Small-signal model for practical helix travelling wave tubes considering the effects of severs, attenuators and velocity tapers 55522
Srivastava, V. *see* Kumar, L. 71052
Srivastva, R. *see* Suparno 94115
Srnanek, R. *see* Hotovy, I. 79933
Srocka, B., Scheffler, H., Bimberg, D. Observation of rhodium- and iridium-related deep levels in $In_{0.53}Ga_{0.47}As$ 55566
Sroka, J., Korytkowski, J., Starzynski, J. Nonstandard finite elements in problems with rotational symmetry 73219
Srokosz, M.A. *see* Tokmakian, R.T. 77476
St-Jean, R. *see* Lukowski, T.I. 77244
Sta. Ana, F.X.M. *see* Amistoso, A.E. 53862
Staa, F.von *see* von Staa, F.
Stabinis, A. *see* Berzanskis, A. 94584
Stabinsky, B. *see* Oswald, R. 90428
Stabler, E. *see* Parasuram, Y. 49072
Stabler, K. Perspectives of nuclear energy 99830
Staccone, G. *see* Hellmann, R. 86577
Stace, C. *see* Baister, G.C. 52445
Stacey, E.J. *see* Hughes, K.B. 68737
Stacey, G.J., Hayward, T.L., Latvakoski, H., Gull, G.E. KWIC: a widefield mid-infrared array camera/spectrometer for the KAO 66416
Stacey, R., Weight, J.P. Ultrasonic NDT with non-uniform transducers 80002
Stacey, R., Weight, J.P. Pulse-echo scattering in solids with nonuniform transducers 91653
Stach, J., Place, J. A performance study of a highly-parallel architecture to provide registration and translation services in an intelligent network 52256
Stache, J. Hybrid modeling of deposition profiles in magnetron sputtering systems 91634
Stachel, J. *see* David, G. 87983
Stachniak, Z. *see* Harley, E.R. 49258
Stachowiak, G.W. *see* Hamblin, M.G. 64830
Stachowicz, M.S. *see* Grantner, J. 49455
Stack, J.F. Advances in AC drive technology 69101
Stacy, J. *see* Harkewicz, R. 53163
Stacy, J.L. *see* Boncek, R.K. 52584
Stacy, J.L. *see* Boncek, R.K. 65823
Stacy, N.J.S., Campbell, D.B. Stokes vector analysis of lunar radar backscatter 75696
Stacy, T. *see* Hajsaid, M. 62660
Stacy, T. *see* Khan, A.H. 79967
Stadelmaier, H.H. *see* Reinsch, B. 49012
Stadius, K. *see* Alinikula, P. 80826
Stadius, K. *see* Alinikula, P. 92585
Stadler, J.S., Roy, S. On the use of improved importance sampling (IIS) in the simulation of digital communication systems 74141
Stadlin, W.O. *see* O'Grady, M.J. 99491
Stadnik, P.E. *see* Malikov, V.Ya. 58938
Stadt, H.van de *see* van de Stadt, H.
Stadtfeld, S. *see* Holtz, J. 90535
Staeck, J. *see* Beier, T. 53305
Staeck, J. *see* Grafstrom, P. 76786
Staehelin, M. *see* Kohler, D. 56902
Staehli, J. *see* Becher, S. 91506
Staehli, J.L. *see* Becher, S. 70059
Staelin, D.H. *see* Kuo, C.C. 77400
Staemmler, M., Brill, R. A generic approach to the management of time-related signals and images in medicine 88517
Staepelaere, D. *see* Dai, W.W.-M. 54530
Stafast, H. *see* Barth, M. 48977
Stafeev, V.I., Anisimova, I.D. Photodiodes with Schottky barriers based on GaP, GaP_xAs_{1-x} and GaAs for the UV and visible ranges 56539
Stafeev, V.I. *see* Vorobjev, L.E. 63749
Stafford, B. Design considerations and performance of Maspeth a-Si PV system 89748
Stafford, B. *see* Luft, W. 100534
Stafford, B.L., Taylor, R., Martin, R. PV:BONUS—developing a US market of PV in buildings 100001
Stafford, J.V., Ambler, B. In-field location using GPS for spatially variable field operations 97199
Stafylopatis, A., Gelenbe, E. Resequencing under subset associations 58115
Stagg, J.P. *see* Ojha, S.M. 56592
Stagliano, D. The ITU's role in the restructuring revolution 96359
Stagner, B.B. *see* Whitehead, M.L. 53388
Stagni, L. *see* Aulchenko, V.M. 67341
Stagni, L. *see* Cantoni, P. 53306
Stagno, V. *see* Acerbi, E. 63871
Stagno, V. *see* Barletta, W.A. 67060
Stahl, B. *see* Ohnsorge, H. 96422
Stahl, H. *see* Dunkel, J. 79732
Stahl, H. *see* Ford, K.M. 76955
Stahl, H.P. *see* Southard, P.W. 76197
Stahl, J. *see* ten Hagen, K. 49361
Stahl, J. *see* ten Hagen, K. 50052
Stahl, M. *see* Maass, H. 52376
Stahl, M. *see* Maass, H. 52381
Stahl, W. *see* Goetzberger, A. 99994
Stahlberger, W. *see* Rayner, J. 66425
Stahle, C.K., Kelley, R.L., Moseley, S.H., Szymkowiak, A.E., Juda, M., McCammon, D., Zhang, J. Delayed thermalization of X-rays absorbed in tin films far below the superconducting transition temperature 53334
Stahle, C.K., Wouters, J., Kelley, R.L., Moseley, S.H., Szymkowiak, A.E. Charge collection and thermalization in a composite calorimetric and ionization X-ray detector 53363
Staib, L.H. *see* Chakraborty, A. 74597
Staib, L.H. *see* Chakraborty, A. 76922
Staib, W.E., McNames, J.N. Operating experience from intelligent arc furnace installations 69234
Staicu, F.A. *see* Shleifer, M. 88380
Staicu, L. *see* Lazarovici, D. 59231
Staines, G.W. *see* Bates, B.D. 83789
Staines, S.E. *see* Charters, R.B. 52611
Stainov, R. *see* Heinrichs, B. 51857
Stairs, G., Holscher, A., Sinervo, P.K., Ragan, K. Data collection circuit for the SDC straw tube tracker 76839
Stajic, Z.P. *see* Rancic, P.D. 83882
Stakelum, B. *see* Whiston, S. 63032
Stalberg, C.E. The Internet: is it a replicable technological and social phenomenon for Central Europe and the Commonwealth of Independent States? 58181
Staley, R. *see* Brawn, I. 98678
Staley, R. *see* Eisenhandler, E. 59183
Staley, R.J. *see* Brawn, I.P. 98657
Stalinin, A.Yu. *see* Kartuzhanskii, A.L. 71136
Staliunas, K. *see* Slekys, G. 63676
Stalker, K.T., Dickey, F.M., Yee, M.L., Kast, B.A. Acousto-optic correlator for optical pattern recognition 63507
Stallard, B. *see* Allen, S.L. 63878
Stallard, B.W. *see* Lasnier, C.J. 63879
Stallard, D. *see* Bates, M. 73858
Stallcup, J.G., Hartwell, F.P. When standby systems are emergency systems 78704
Stallcup, R.E. *see* Perez, J.M. 82896
Staller, C. *see* Niblack, C. 58857
Stalley, K. *see* Kikushima, K. 86347
Stallings, D.C. *see* Carter, M.D. 51220
Stallings, W. Kerberos keeps the enterprise secure 96633
Stallings, W. Packet filtering in the SNMP remote monitor 96744
Stallkamp, R.A. Designing for gate array conversion 92085
Stallwood, J.F. Cedar Bay perseveres to burn bituminous coal cleanly in Florida 78404
Stals, L.M. *see* D'Haeger, V. 80957
Stals, L.M. *see* Manca, J. 92822
Stamatakis, T. *see* Fieret, J. 63666
Stamatelopolous, P. *see* Suparno 94115
Stamatelos, G.M., Hayes, J.F. Admission-control techniques with application to broadband networks 85418
Stambler, I. World power utilities moving to IGCC plants for base load 68474
Stambler, I. International gasification programs maintain operational momentum 78453
Stambler, I. Advanced turbines a good match for gasification combined cycles 89701
Stamenkovic, Z. Algorithm for extracting integrated circuit critical areas associated with point defects 93563
Stamer, P. *see* Abe, K. 88115
Stamer, P. *see* Antilogus, P. 59064
Stamer, P. *see* Antilogus, P. 59127

Stamm, C., Lukosz, W. Integrated optical difference interferometer as biochemical sensor 59265
Stamm, U. *see* Ringling, J. 94364
Stamnes, J.J. *see* Sponheim, N. 98879
Stamon, G. *see* Boujemaa, N. 88426
Stamoulis, G.D., Anagnostou, M.E., Georgantas, A.D. Traffic source models for ATM networks: a survey 57946
Stamoulis, G.D., Tsitsiklis, J.N. The efficiency of greedy routing in hypercubes and butterflies 96285
Stamoulis, G.D. *see* Prevedourou, D. 96449
Stamoulis, G.I. *see* Ping-Chung Li 62986
Stamoulis, G.I. *see* Ping-Chung Li 82072
Stamper, A. *see* Sturtevant, J. 71515
Stampfer, C. *see* Bruggemann, G. 60384
Stampke, S. *see* Cai, Y. 66902
Stampke, S. *see* Clayton, T. 76660
Stampleman, J.B. *see* Tsunashima, K. 57750
Stan, M.A., Patton, M.O., Warner, J.D., Yang, J.W., Pirouz, P. Growth of 2H-SiC on 6H-SiC by pulsed laser ablation 54828
Stan, M.R., Burleson, W.P., Connolly, C.I., Grupen, R.A. Analog VLSI for robot path planning 61830
Stan, M.R., Burleson, W.P., Connolly, C.I., Grupen, R.A. Analog VLSI for robot path planning 70780
Stan, V.V. *see* Zhelezko, Yu.S. 99785
Stanberry, L.C., Branstetter, M.L., Nessett, D.M. Vectorized presentation-level services for scientific distributed applications 96741
Stanbery, B.J. *see* Chen, W.S. 100496
Stancampiano, C.V. *see* McColgin, W.C. 66480
Stancampiano, C.V. *see* Nichols, D.N. 66046
Stanchina, W.E. *see* Hafizi, M. 61913
Stanchina, W.E. *see* Hafizi, M. 62695
Stanchina, W.E. *see* Hafizi, M. 92618
Stanci, A.Gh. *see* Iusan, V.Z. 75945
Stancil, D. *see* Jaekyong Cho 82748
Stancil, D.D. *see* Qibiao Chen 82724
Stancu, A., Papusoi, C. Particle orientation distribution and the isothermal remanent magnetization of a fine particle system 82270
Stanczak, W. *see* Polowczyk, W. 75837
Standish, R., Jones, R., Sumpter, C., Sharp, J. Shortening the new product introduction cycle through electronic data transfer 69531
Stando, M. *see* Jajszczyk, A. 85726
Staneff, T. *see* Behrens, V. 61984
Stanek, M. *see* Cavalli-Sforza, M. 87772
Stanescu, C. *see* Farilla, A. 52772
Stanford, D.A. *see* Falin, G. 51759
Stanford, D.A. *see* Hlynka, M. 69683
Stange, O. *see* Salazar, L. 100245
Stangl, E. *see* Baverle, D. 82348
Stanic, B.V., Draganic, I. Electromagnetic waves in a suddenly created magnetized Lorentz medium (longitudinal propagation) 94793
Stanic, B.V. *see* Cvetic, J.M. 94740
Stanic, D., Kunaj, H. Stress analysis of tube joint and tube sheet of the steam generator in the nuclear power plants 89465
Stanier, M. *see* Zhao, L. 56655
Stanimirov, M. *see* Rothe, K. 68316
Stanion, T., Sechen, C. Boolean division and factorization using binary decision diagrams 80272
Stanis, C.L. *see* Burghartz, J.N. 71830
Stanis, C.L. *see* Burghartz, J.N. 80673
Stanis, C.L. *see* Burghartz, J.N. 82093
Stanis, C.L. *see* Harame, D.L. 71770
Stanisavljevic, Z. *see* Stojanovic, D. 77825
Stanisic, B.R., Verghese, N.K., Rutenbar, R.A., Carley, L.R., Allstot, D.J. Addressing substrate coupling in mixed-mode ICs: simulation and power distribution synthesis 49574
Stanislawskl, J.J. Power quality under the microscope [multimedia networks] 85445
Staniszewski, A.J. *see* Techentin, R.W. 79342
Stankevich, A.I. *see* Boroditskii, M.L. 50814
Stankevich, A.L. *see* Berishev, I.E. 72793
Stankiewicz, J. *see* Gasperowicz, A. 82132
Stankovic, A.M. *see* Eissa, M.O. 68807
Stankovic, D., Zlatanovic, M. A versatile computer controlled measuring system for recording voltage-current characteristics of various resistance sensors 66208
Stankovic, L. An analysis of the Wigner higher order spectra of multicomponent signals 57437
Stankovic, L. A multitime definition of the Wigner higher order distribution: L-Wigner distribution 74146
Stankovic, L., Stankovic, S. On the Wigner distribution of discrete-time noisy signals with application to the study of quantization effects 74094
Stankovic, M. *see* Stankovic, R.S. 55231
Stankovic, R.S., Stankovic, M., Moraga, C., Sasao, T. Calculation of Reed-Muller-Fourier coefficients of multiple-valued functions through multiple-place decision diagrams 55231
Stankovic, S. *see* Musicki, D. 65874
Stankovic, S. *see* Musicki, D. 75555
Stankovic, S. *see* Stankovic, L. 74094
Stankus, J.J., Silence, S.M., Moerner, W.E., Bjorklund, G.C. Electric-field-switchable stratified volume holograms in photorefractive polymers 94666
Stankwitz, H.C., Dallaire, R.J., Fienup, J.R. Spatially variant apodization for sidelobe control in SAR imagery 75527
Stanley, C.R. *see* McMeekin, S.G. 72649
Stanley, D.H., Jr. Conformal coatings and noclean residues 92739
Stanley, F.T. *see* McBride, J.E. 68238
Stanley, J. *see* Simmons, D. 85660
Stannard, C. Engineering wide area radio systems 65628
Stannard, J.H. *see* Deuchars, G.D. 100881
Stanners, S.P. *see* Gibson, J.D. 95314
Stano, A. *see* Caldera, C. 97303
Stanomir, D. A discrete-time solution for an integral equation 69883
Stanomir, N. Mapping the analog signals into discrete ones. II. Conditions ensuring the convolution and scalar product preservation 73938
Stanovnik, A. *see* Cindro, V. 59068
Stanovnik, A. *see* Staric, M. 88098
Stanovnik, A. *see* Staric, M. 98632
Stanton, C.J. *see* Sanders, G.D. 94456
Stanton, D. *see* Barry, A. 58120
Stanton, D. *see* Barry, A. 58121
Stanton, D. *see* Longtin, K. 89788
Stanton, J., Ullmann, K. The impact of a "Total Quality Management" programme on reliability and availability in a US electricity supply undertaking 78387
Stanton, M., Phillips, W. Performance of detectors for X-ray crystallography 59237
Stanton, M. *see* Naday, I. 88311
Stanton, M. *see* Phillips, W. 58843
Stanton, P.H. *see* Epp, L.W. 73499
Stanway, J. The Holyhead experience [demand side management] 99571
Stanway, R. *see* Clack, J. 91407
Stanway, R. *see* Sproston, J.L. 57064
Stanzel, R. *see* von Schickfus, M. 66526
Stanzione, D. Operations systems: A perspective 85544
Stanzl, H., Rosenauer, A., Wolf, K., Kastner, M., Hahn, B., Gebhardt, W. MOVPE growth of $ZnSe_{1-x}Te_x$ on (111) and (001) GaAs substrates 91517
Stanzl, H. *see* Kuhn, W.S. 69942
Stanzl, H. *see* Wolf, K. 69999
Stapf, K.H. Independent of the supply. Siemens synchronous generators in practice 78734
Stapinski, T. *see* Demichelis, F. 71142
Staple, G.C. International telecommunications is shifting paradigms: How will it affect your business? 96311
Staple, G.C. *see* Smith, P.L. 96360
Staples, J. *see* Budd, R.A. 62569
Staples, J. *see* Martino, R. 71505
Staples, J.L. *see* Budd, R.A. 71501
Staples, J.L. *see* Ferguson, R.A. 62566
Staples, J.W., Ludewigt, B.A. Modeling and system specifications for an integrated 3-D proton treatment delivery system 77052
Stapleton, G. *see* Perry, J. 76459
Stapleton, S. *see* Wei, T. 81771
Stapleton, S.P. *see* Hilborn, D.S. 65647
Stapor, W.J. *see* Dussault, H. 71559
Stappaerts, E.A., Komine, H. High-power wavelength converters with feedback 50950
Stapper, C.H., Retersdorf, M.A., Rosner, L.G. A covariance model for the yield of large memory chips 61718
Stapper, C.H. *see* Ellis, W.F. 55261
Stapper, C.H. *see* Koren, I. 56060
Stappers, V., Villemain, C., Maillard, J.J., Poulain, M., Puille, R., Richard, A. Singlemode 1.3/1.3 duplexer for FTTH-FTTC networks 52542
Stappers, V., Villemain, C., Puille, R., Maillard, J.J. Low cost fiber optic singlemode push pull connector 82603
Staraj, R., Cambiaggio, E., Papiernik, A. Infinite phased arrays of microstrip antennas with parasitic elements: application to bandwidth enhancement 73539
Staranczak, G.A., Sepulveda, E.R., Dilworth, P.A., Shaikh, S.A. Industry structure, productivity and international competitiveness: the case of telecommunications 85388
Starchville, T.F., Jr. *see* Hollkamp, J.J. 82194
Starck, A. *see* Ziegler, M. 66045
Starck, C. *see* Emery, J.-Y. 56414
Starck, C. *see* Ponchet, A. 81311
Starck, J.-L., Bijaoui, A. Microresolution deconvolution 57743
Starck, J.-L., Murtagh, F. Image restoration with noise suppression using the wavelet transform 74549
Starczewski, T., Larsson, J., Wahlstrom, C.-G., Tisch, J.W.G., Smith, R.A., Muffett, J.E., Hutchinson, M.H.R. Time-resolved harmonic generation in an ionizing gas 73049
Starczewski, T. *see* Svanberg, S. 50784
Stare, E. *see* Nystrom, S. 97654
Stareev, G. *see* Fricke, A. 71210
Starer, D., Nehorai, A. Passive localization of near-field sources by path following 51456
Staric, M., Stanovnik, A., Korpar, S. Detection of fast BaF_2 scintillations with a CsI photocathode coupled to a MWPC 88098
Staric, M., Stanovnik, A., Korpar, S. Detection of fast BaF_2 scintillations with a CsI photocathode coupled to a MWPC 98632
Staric, M. *see* Cindro, V. 59068
Staric, P. Wideband cascode amplifier with emitter peaking 61582
Starikov, A. *see* Alekseev, V. 83200
Starikov, A. *see* Alekseev, V.N. 94406
Starikov, E. *see* Gruzinskis, V. 61910
Starikov, E. *see* Gruzinskis, V. 61926
Starikov, E. *see* Gruzinskis, V. 70881
Starikov, E. *see* Gruzinskis, V. 92552
Starikov, F.A. Formation of the spatial coherence of amplified spontaneous emission. 1. Regularly inhomogeneous active medium 56602
Starikov, F.A. *see* Urlin, V.D. 50734
Staring, E.G.J. *see* Rikken, G.L.J.A. 71203
Stark, A., Krawinkel, C. MUSICAM codec MUSIC: compression of audio data without any loss in quality 52671
Stark, A., Rohner, C. Optimizing the coverage of DCS1800 base stations by antenna pattern shaping 97130
Stark, D., Watanabe, H., Furuyama, T. An experimental cascade cell dynamic memory 70535
Stark, H., Sezan, M.I. Image processing using projection methods 64888
Stark, H. *see* Wurster, J.L. 67505
Stark, H. *see* Yongyi Yang 84734
Stark, H. *see* Yongyi Yang 95637
Stark, H. *see* Yongyi Yang 95938
Stark, L. Recognizing object function through reasoning about 3-D shape and dynamic physical properties 84816
Stark, L. *see* Bruno, B. 74475
Stark, P. *see* Kaminar, N. 90427
Stark, P. *see* Kaminar, N. 100722
Stark, P. *see* King, R.R. 100631
Stark, S. *see* Drake, K. 48677
Starke, L. Study of earth protection systems, using the 'Safety Board' simulator 89363
Starker, J. *see* Abrahamsson, K. 76307
Starker, J. *see* Danared, H. 67255
Starkey, M. *see* Rolia, J.A. 85303
Starkoski, B.G. *see* Turnbull, D.H. 98777
Starkov, S.O. *see* Bel'skii, Yu.L. 88496
Starkov, V.V. *see* Buravlyov, A.V. 54874
Starkovich, V.S. *see* Vetter, A.M. 67146
Starnes, G. *see* Keh-Ching Huang 93307
Starobinets, S.U. *see* Vainshtein, S.N. 81846
Starodub, A.N. *see* Starodub, N.F. 59264
Starodub, A.N. *see* Starodub, N.F. 98128
Starodub, N.F., Arenkov, P.J., Starodub, A.N., Berezin, V.A. Fiber optic immunosensors based on enhanced chemiluminescence and their application to determine different antigens 59264
Starodub, N.F., Arenkov, P.Y., Starodub, A.N., Berezin, V.A. Construction and biomedical application of immunosensors based on fiber optics and enhanced chemiluminescence 98128
Starodubov, D.S. *see* Dianov, E.M. 56337
Starodubov, D.S. *see* Dianov, E.M. 63967
Starodubov, D.S. *see* Dianov, E.M. 63969
Starodubov, D.S. *see* Dianov, E.M. 63999
Starodubov, D.S. *see* Dianov, E.M. 83247
Staromlynska, J. *see* Seymour, R.S. 50662
Staronski, R. *see* Jaroszewicz, Z. 72381
Starosel'skii, V.I., Bratov, V.A., Suetinov, V.I. Composite field-effect transistor with a barrier junction and its application in digital ICs 71721
Starostin, A.S. *see* Avignone, F.T. 67288
Starostin, N.I. *see* Alekseev, E.I. 52883
Starostin, V.N. *see* Konoplev, Yu.N. 72556
Starostin, V.N. *see* Konoplev, Yu.N. 72985
Starovoitov, V. Morphological analysis based on distance transforms 85131
Starovoitov, V.V. Simplified technique of structure extraction from textural images 95678
Starr, J.E. *see* Neudeck, P.G. 55893
Starr, J.E. *see* Neudeck, P.G. 63605
Starr, R. *see* Mitra, P. 91526
Starr, S.H. An assessment of EADSIM: a tool to evaluate the impact of air C^3I on mission effectiveness 53571
Starr, S.S. Evaluating physical science reference sources on the Internet 75031
Starrett, R.P. *see* Clark, R.G. 83571
Starrett, R.P. *see* Macks, L.D. 81797
Start, D. *see* Goulding, R.H. 51271
Start, K. *see* Lundberg, D. 65192
Startsev, V.S. *see* Belikov, S.V. 53314
Staryga, E. *see* Mycielski, W. 81175
Starzyk, J.A. Hierarchical analysis of high frequency interconnect networks 49116
Starzyk, J.A., Chen, C.-H. A VLSI inner product processor with built-in self-test for real-time DSP applications 70685
Starzyk, J.A., Liu, Z.H., Zou, J. An organization of the test bus for analog and mixed-signal systems 49582
Starzynski, J. *see* Sroka, J. 73219
Staselko, D.I., Bespalov, V.G., Shevtzov, M.K., Yutanova, E.Yu. HOE two-step record in near infrared by laser diode 56969
Staselko, D.I. *see* Bespalov, V.G. 56888
Stasi, F.J.De *see* De Stasi, F.J.
Stasinski, R. Radix-K FFT's using K-point convolutions 57542
Stasio, G.De *see* De Stasio, G.
Stasovskii, V.D. *see* Grishin, A.M. 53016
Stassen, H.E.M. *see* Venendaal, R. 89583
Stassinopoulos, C.A. *see* Mikropoulos, P.N. 89383

Stassinopoulos, E.G., Brucker, G.J., Calvel, P., Barillot, C., Gaillard, R., Gasiot, J. Dependence of power MOSFET static burnout on charge distribution in the active region of IRF150 71645
Stassinopoulos, E.G. *see* LaBel, K.A. 67726
Stassinopoulos, E.G. *see* LaBel, K.A. 70336
Stassinopoulos, E.G. *see* LaBel, K.A. 75434
Stassinopoulos, E.G. *see* LaBel, K.A. 77141
Stassinopoulos, E.G. *see* Roth, D.R. 77135
Stassinopoulos, G.I., Venieris, I.S., Petropoulos, K.P., Protonotarios, E.N. Performance evaluation of adaptation functions in the ATM environment 65442
Stassinopoulos, G.I. *see* Angelopoulos, J.D. 52536
Stassinopoulos, G.I. *see* Kollias, E.D. 85526
Staszewski, P. Field method of performance characteristics shaping of electrical machine by construction modifications 54035
Staszewski, R. *see* Lempken, W. 69712
Staszewski, R. *see* Tatum, J.A. 94571
Staszewski, W. *see* Zgraja, J. 100941
Staszewski, W.J., Tomlinson, G.R. Application of the wavelet transform to fault detection in a spur gear 69115
Stathaki, P.T., Constantinides, A.G. Autoregressive modelling through joint and weighted second and third order statistics 95933
Statler, R.L. *see* Summers, G.P. 100747
Staton, D.A., McGlip, M.I., Miller, T.J.E. Interactive computer aided design of permanent magnet DC motors 68641
Staton, D.A., Soong, W.L., Miller, T.J.E. Unified theory of torque production in switched reluctance and synchronous reluctance motors 68559
Staton, D.A. *see* Soon, W.L. 69044
Staton-Bevan, A.E. *see* Yu, J.S. 81364
Statov, V.A. *see* Milenin, V.V. 55654
Staub, J. *see* Kienzle, O. 66699
Staub, T. *see* Aeschbacher, R. 56338
Stauch, G. *see* Kohler, B. 82190
Staud, N. *see* Tsann Lin 82241
Staudemeyer, B. *see* Gieschen, N. 52485
Staudenmann, J.-L., Deslattes, R.D. A compact double-crystal monochromator with a broad energy range 88295
Staudhammer, P., DeSantis, G.J. Making the vision work—technology transfer at TRW 78981
Staudinger, J., Golio, M., Woodin, C., de Baca, M.C. Considerations for improving the accuracy of large-signal GaAs MESFET models to predict power amplifier circuit performance 50044
Staudinger, T. Flash EPROM controller SAB 88C166 sets new standards for real-time applications 49454
Staudt, E., Bock, J., Muhlemeyer, P. Technology centres and science parks: agents or competence centres for small businesses? 60843
Staudte, R. *see* Karagiannis, D. 85572
Stauffacher, J.J. Who is reaping the benefits of the Energy Policy Act of 1992? 77973
Stauffer, A.D. *see* Rachinhas, P.J.B.M. 88059
Stauffer, A.D. *see* Rachinhas, P.J.B.M. 98605
Stauffer, L.M. *see* Hirschberg, D.S. 57888
Stauffer, P.R., Diederich, C.J., Bozzo, D. Conformal array microwave applicator for superficial hyperthermia of large contoured surfaces 98941
Stauffer, P.R., Sneed, P.K., Hashemi, H., Phillips, T.L. Practical induction heating coil designs for clinical hyperthermia with ferromagnetic implants 53447
Stauffer, P.R. *see* Diederich, C.J. 98932
Stauffer, P.R. *see* Diederich, C.J. 98937
Stauffer, P.R. *see* Fenn, A.J. 53446
Stauffer, T.E. *see* Goodrich, L.F. 72202
Stavina, P. *see* Vojtyla, P. 53361
Stavins, R.N. *see* Jaffe, A.B. 69034
Stavinskii, A.A. Peculiarities of magnetic field distribution in induction motors with tangential periodic imbalance of the yoke 78632
Stavinskii, A.A., Shirinskii, S.V. Features of induction motor cores with stators made from cut steel parts 89992
Stavrakakis, I. Channel assignment under a conflict-free allocation policy 51793
Stavrakakis, I. Delay bounds on a queueing system with consistent priorities 51802
Stavrakakis, I. A two-server queueing system with periodic and credit-based server availabilities 65023
Stavrakakis, I., Tsakiridou, S. A Markov service policy with application to the queueing study of a DQDB station 85280
Stavrakakis, I. *see* Landry, R. 64949
Stavridou, V. Formal methods and VLSI engineering practice 50064
Stawiasz, K.G., Ketchen, M.B., Kleinsasser, A.W. PtRh resistors for Si compatible low-T_c Josephson technology 80887
Stawiasz, K.G. *see* Koch, R.H. 72226
Stawiasz, K.G. *see* Koch, R.H. 93946
Stawicki, R.P. *see* Holland, W.R. 94313
Staxen, P. Business applications — supplier's strategy 52278
Stayt, J.W., Jr. *see* Becker, P.C. 73106
Stayt, J.W., Jr. *see* de Barros, M.R.X. 66367
Stead, M.R. *see* Birch, J.R. 76149
Steadman, C.E. *see* Mohd, M.A. 83719
Steadman, P.A. *see* Garner, S.E. 98574
Stearns, R.D. *see* Chartier, V.L. 78158
Stearns, R.G. Implementation of a multilayer perceptron network using an optically addressed photoconductive array 63514
Stearns, S.D. *see* Halfin, M. 95563
Stearns, S.D. *see* Honea, D.M. 95554
Stebbins, W.L. Are you certain you understand the economics for applying ASD systems to centrifugal loads? 79029
Steblina, V.V. *see* Love, J.D. 94105
Stecher, M. Precision halfwave dipole sets HZ-12 and HZ-13: precise field-strength measurements and antenna calibration in VHF-UHF range 51247
Stecher, M., Meinerzhagen, B., Bork, I., Krucken, J.M.J., Maas, P., Engl, W.L. Influence of energy transport related effects on NPN BJT device performance and ECL gate delay analysed by 2D parallel mixed level device/circuit simulation 49052
Stechman, J. *see* Cole, E.H. 98695
Steck, M., Beckert, K., Eickhoff, H., Franzke, B., Nolden, F., Spadtke, P. Electron cooling of heavy ions at GSI 76411
Steck, M. *see* Franzke, B. 76402
Steckenreiter, T. *see* Apel, P. 53339
Steckl, A.J., Su, J.N. High voltage, temperature-hard 3C-SiC Schottky diodes using all-Ni metallization 93316
Steckl, A.J., Yuan, C., Tong, Q.-Y., Gosele, U., Loboda, M.J. SiC silicon-on-insulator structures by direct carbonization conversion and post-growth from silacyclobutane 61385
Steckl, A.J. *see* Tong, Q.-Y. 93083
Steckl, A.J. *see* Yih, P.H. 49959
Steckl, A.J. *see* Yuan, C. 54966
Stedman, G.E. *see* Bilger, H.R. 88746
Steeb, H., Seeger, W., Aba Oud, H. HYSOLAR: an overview on the German-Saudi Arabian programme on solar hydrogen 68487
Steedly, W.M., Ying, C.-H.J., Moses, R.L. A modified TLS-Prony method using data decimation 84352
Steedly, W.M., Ying, C.-H.J., Moses, R.L. Statistical analysis of true and extraneous mode estimates for the TLS-Prony algorithm 84468
Steeds, J.W. *see* Duan, X.F. 81316
Steeds, J.W. *see* Jiannong Wang 81307
Steeg, H.-C. Software aids for Programmable Array Logic designs: Example of implementation in MACH 110 PALs of decoder and up/down counters using the PALASM program 61652
Steeg, M.Van De *see* Van De Steeg, M.
Steege, K.L. *see* Williams, R.B. 58089
Steele, A.G., Buchanan, M., Liu, H.C., Wasilewski, Z.R. Postgrowth tuning of quantum-well infrared detectors by rapid thermal annealing 75977
Steele, B.C.H. Oxygen transport and exchange in oxide ceramics 60442
Steele, D. *see* Chen, M. 67349
Steele, D. *see* Dom, B. 74356
Steele, D. *see* Kanungo, T. 74595
Steele, J. *see* Comer, D. 66075
Steele, R. The evolution of personal communications 65199
Steele, R. *see* Au, M. 97064
Steele, R. *see* Cheung, J.C.S. 58343
Steele, R. *see* Hanzo, L. 58322
Steele, R. *see* Hanzo, L. 58323
Steele, R. *see* Hanzo, L. 65648
Steele, R. *see* Lin, X. 75793
Steele, R. *see* Ying Li 85338
Steeman, R.A. *see* Burgers, A.R. 100482
Steeman, R.A. *see* Leguijt, C. 94252
Steeman, R.A. *see* Lolgen, P. 100644
Steeman, R.A. *see* Weeber, A.W. 81491
Steen, B. *see* Ducharme, R. 83404
Steen, G.H., Jr., Roy, E.B. Inverters help welders deposit tons of filler 69275
Steen, T. *see* Aas, E.J. 54554
Steenaart, W. *see* Laichi, F. 84313
Steenbergen, A.van *see* van Steenbergen, A.
Steenbergen, W.Van *see* Van Steenbergen, W.
Steenkiste, P.A. A systematic approach to host interface design for high-speed networks 52066
Steennis, E.F. *see* Wouters, P.A.A.F. 78119
Steenstrup, M. IDPR: an approach to policy routing in large diverse internetworks 65303
Steeples, M.M. The Baldrige Award and ISO 9000 in the quality management processes 96457
Steer, A. *see* Kormany, T. 82082
Steer, M. *see* Franzon, P. 54531
Steer, M. *see* Franzon, P. 91030
Steer, M. *see* Simovich, S. 55081
Steevensz, J.L. Analogue oscilloscopes combined with digital signal processing 87344
Steeves, G., Siddall, G., Awalt, G., Hargrave, B. 'SMARTRAP' 77547
Stefan, K. Power protection equipment in digital technology 59986
Stefan, O. *see* Krivka, I. 81100
Stefan, P.M. *see* Hanna, S.M. 67096
Stefanakos, J. *see* Kalkani, E.C. 78483
Stefanelli, R. *see* Alippi, C. 53346
Stefanelli, R. *see* Alippi, C. 67381
Stefanelli, R. *see* Buonanno, G. 49289
Stefanelli, R. *see* Dell'Acqua, A. 87955
Stefanelli, R. *see* Dell'Acqua, A. 98680
Stefanescu, C., Golovanov, C. A new generation: the intelligent data acquisition systems for on-line measurement of nonsymmetrical and distorted state parameters of three-phase circuits 89393
Stefani, J., Watts Butler, S. On-line inference of plasma etch uniformity using in situ ellipsometry 55735
Stefani, J. *see* Butler, S.W. 62430
Stefani, J. *see* Butler, S.W. 90939
Stefani, J. *see* Buttler, S.W. 62444
Stefani, J.-B., Kung, R., Lepetit, Y. The SERENITE long-term architecture 96851
Stefani, J.A. *see* Butler, S.W. 62441
Stefanick, M.I. *see* Dagdeviren, N. 65414
Stefanik, M.J. *see* Bosco, H.L. 52219
Stefanik, M.J. *see* Bosco, H.L. 52223
Stefanini, A. *see* Alfano, B. 59375
Stefanini, A. *see* Bandettini, A. 59109
Stefanini, A. *see* Bandettini, A. 76979
Stefanini, A. *see* Bencivelli, W. 67526
Stefanini, A. *see* Bencivelli, W. 88436
Stefanini, A. *see* Leitch, R. 99632
Stefanini, G. *see* Aoki, S. 53304
Stefanini, G. *see* Da Via, C. 53348
Stefano, A.Di *see* Di Stefano, A.
Stefano, L.De *see* De Stefano, L.
Stefano, R.Di *see* Di Stefano, R.
Stefanov, D.H. Model of a special orthotic manipulator 77074
Stefanov, V.E. *see* Karasev, V.A. 55492
Stefanov, Y. *see* Cachet, C. 78792
Stefanovic, M., Zlatkovic, N., Milosevic, D. The probability of error in AM-PM systems due to noncoherent demodulation, interference and noise 57328
Stefanski, P. *see* Kowalczyk, A. 71947
Stefanski, R. *see* Carrigan, R.A., Jr. 59039
Stefanyi, P., Zammit, C.C., Rentzsch, R., Fozooni, P., Saunders, J., Lea, M.J. Development of a dark matter detector using a Si target 53322
Stefanyi, P., Zammit, C.C., Rentzsch, R., Fozooni, P., Saunders, J., Lea, M.J. Development of a Si bolometer for dark matter detection 53335
Stefenson, J. *see* Alvi, J.S. 89655
Steffen, B. *see* Schmitt, D. 83763
Steffen, E. *see* Schmidt, W.H. 96871
Steffen, R. Testing new GSM services with Radiocommunication Test Sets CRTS and CRTP 52388
Steffen, R. *see* Forchel, A. 55637
Steffens, K. Impairment of DFS and TV satellites orbit and position control systems due to solar effects 67662
Steffens, K. *see* Kampert, K.-H. 98503
Steffens, S. *see* Kramer, H. 88264
Steffensen, H. *see* Gardan, D. 86382
Steffes, P.G., DeBoer, D.R. A SETI search of nearby solar-type stars at the 203-GHz positronium hyperfine resonance 65746
Stegall, M. *see* Faska, T.S. 66451
Stege, R.E., Jr., Jobe, R.K., Ross, M. Using transient waveform recorders to measure and store beam parameters 76467
Stegeman, G. *see* Hagan, D.J. 83321
Stegeman, G. *see* Myoungsik Cha 94616
Stegeman, G.I. *see* Bosshard, C. 50927
Stegeman, G.I. *see* Kim, D.Y. 63960
Stegeman, G.I. *see* Kim, D.Y. 83329
Stegeman, G.I. *see* Mamyshev, P.V. 56373
Stegeman, G.I. *see* Mamyshev, P.V. 63412
Stegeman, G.I. *see* Sundheimer, M.L. 63710
Stegeman, G.I. *see* Sundheimer, M.L. 82623
Stegeman, G.I. *see* Torruellas, W.E. 94622
Stegeman, G.I. *see* Villeneuve, A. 56853
Stegeman, G.I. *see* Villeneuve, A. 56907
Stegeman, G.I. *see* Villeneuve, A. 72357
Stegemann, D. *see* Hansch, M.K.T. 49032
Stegemann, D. *see* Hansch, M.K.T. 49042
Steger, Ch. *see* Platzner, M. 70678
Steger, P.L. *see* Baverle, D. 82348
Stegge, J.aan de *see* aan de Stegge, J.
Steggles, J. Strategic provision of radio nodes in the BT access network 65550
Stegmaier, J. *see* Bues, D. 66118
Stegmuller, B. *see* Borchert, B. 50791
Stehle, M. *see* Horn, J. 81558
Stehle, R.H. Comparison of measurements of maritime mobile HF subband congestions as a function of measurement bandwidth 86141
Stehwien, W. Statistics and correlation properties of high resolution X-band sea clutter 65921
Stehwien, W. Sea clutter measurements using an airborne X-band radar 75642
Steier, W.H. *see* Dubovitsky, S. 63772
Steier, W.H. *see* Dubovitsky, S. 72920
Steier, W.H. *see* MacDougal, M.H. 72802
Steier, W.H. *see* Wenshen Wang 72451
Steiger, T.D. *see* Ghaffari, B. 87664
Steiger, W., Sherkat, N., Thomas, P.D. A stepping motor control algorithm for smooth continuous path motion 60256
Steiger, W. *see* Fehringer, H.M. 98489
Steigerwald, D.A. *see* Kish, F.A. 56567
Steigerwald, J. *see* Lakshminarayanan, S. 81565
Steigerwald, R.L., Fisher, R.A., Roshen, W., Grandy, G. High density power for low voltage pulsed loads 49140
Steiglitz, K. *see* Madhow, U. 65622
Steil, A. *see* Baier, P.W. 52429
Steil, A. *see* Blanz, J. 65607
Steil, J. *see* Gumbrecht, W. 67444

Steimel, J.M., Jr., McGinnis, D. Measurement techniques using the Tektronix 3052 DSP System 76466
Steimel, J.M., Jr., McGinnis, D. Damping in the Fermilab Booster 76558
Steimer, P. *see* Menzies, R.W. 60534
Steimer, P. *see* Menzies, R.W. 78889
Steimle, L.J., Yaujen Wang Development of a broadband achromatic Twyman-Green interferometer 52957
Stein, D. *see* Bond, J. 95566
Stein, E. *see* Klaas, O. 69902
Stein, G. In search of competitive electricity supplies 68072
Stein, J. *see* Hsu, J.S. 89917
Stein, J. *see* Hsu, J.S. 89918
Stein, J. *see* Lloyd, B.A. 78570
Stein, J. *see* Longtin, K. 89788
Stein, J. *see* Morjaria, M. 68356
Stein, J. *see* Schiferl, R. 89871
Stein, M.A. *see* Osawa, M. 80201
Stein, P.D. *see* Durand, L.G. 77066
Stein, P.K. The unified approach to the engineering of measurement systems: some thoughts on Total Quality Measurements, the forgotten TQM. Case study: impact, explosion and pyroshock measurements 69594
Stein, R.B. *see* Nikolic, Z.M. 76990
Stein, S. *see* Gifford, A. 86920
Stein, S.C., Chen Liang, Rogers, C.A. Power consumption of piezoelectric actuators driving a simply supported beam considering fluid coupling 100426
Stein, S.J. *see* Dychala, D.H. 92648
Stein, S.M. *see* Schilling, M.L. 81628
Stein, S.R. *see* Kusters, J. 86919
Steinbach, B., Stockert, M. Design of fully testable circuits by functional decomposition and implicit test pattern generation 49369
Steinbach, Ch., Stucki, H., Thivent, M. The new slow extraction system of the CERN PS 66941
Steinbach, P. *see* Schmitt, N.P. 82989
Steinbakk, L. *see* Koblas, M.R. 85918
Steinberg, B.D. *see* Perlow, R.B. 65885
Steinberg, C.J., Wilson, I.M. Simulation programs iron out transmission line-effects 49695
Steinberg, M. Fossil fuel and greenhouse gas mitigation technologies 68433
Steinberg, R.M. *see* Camargo, E. 97073
Steinberg, Y., Poor, H.V. Sequential amplitude estimation in multiuser communications 73939
Steinberg, Y., Poor, H.V. On sequential delay estimation in wideband digital communication systems 95581
Steinberg, Y., Verdu, S. Channel simulation and coding with side information 73582
Steinbigler, H. *see* Blaszczyk, A. 83466
Steinbiss, V. *see* Kneser, R. 84097
Steinbiss, V. *see* Ney, H. 64388
Steinbrecher, U. *see* Bamler, R. 67797
Steinbruchel, C., Won Jong Yoo Process-induced particle formation in the sputtering and reactive ion etching of silicon and silicon dioxide 71393
Steinbuch, M., Schootstra, G., Bosgra, O.H. Robust control of a compact disc player 75784
Steinbuch, M. *see* Chait, Y. 97730
Steinbuch, M. *see* de Callafon, R.A. 86808
Steinbuch, M. *see* Van Groos, P.J.M. 58610
Steindl, R. *see* Willutzki, P. 87666
Steindorf, M.A. *see* Hibbs, A.D. 82395
Steinel, A. *see* Becker, S. 100913
Steiner, A., Richner, H. Separation of clear-air echoes from precipitation echoes in UHF wind profiler measurements 88776
Steiner, B., Jung, P., Baier, P.W., Nasshan, M. A concept of channel estimation, interference elimination and power regulation for CDMA mobile radio systems 65685
Steiner, B. *see* Jung, P. 58333
Steiner, B. *see* Wagner, G. 79802
Steiner, F.P. Peak research in the context of collaboration between high schools and industry 79167
Steiner, F.P., Dettmer, H., Fichtner, W., Schaal, C., Gerster, C., Hugel, J., Eilinger, T., Omlin, A., Stemmler, H., Jacob, P., Birolini, A. Peak research in the context of collaboration between high schools and industry. 2 79168
Steiner, G. *see* Hogg, G. 66229
Steiner, H. *see* Shapiro, G. 76455
Steiner, H.-J., Fritzel, T. Novel near-field measuring apparatus for highly accurate antenna tests under real environmental conditions 57228
Steiner, H.-J. *see* Fasold, D. 57303
Steiner, J.P. *see* Weeks, W.L. 89241
Steiner, K. *see* Xu, J. 72810
Steiner, K.G. *see* Obeng, Y.S. 81393
Steiner, M. Constructive codes for arbitrary discrete memoryless channels 73731
Steiner, M. The strong simplex conjecture is false 74166
Steiner, M. *see* Tiefenbacher, M. 85953
Steiner, P. *see* Kozlowski, F. 63596
Steiner, P. *see* Lang, W. 62472
Steiner, P. *see* Lang, W. 66340
Steiner, R. The algebra of directed complexes 54667
Steiner, R. *see* Benary, O. 53327
Steiner, R. *see* Benary, O. 98517
Steiner, R. *see* Benary, O. 98640
Steiner, R. *see* Dorfmeister, K. 89551
Steiner, R. *see* Moritz, G. 72271
Steiner, R.L. *see* Early, E.A. 93954
Steiner, R.L. *see* Olsen, P.T. 86829
Steiner, S. *see* Gabathuler, K. 59070
Steiner, T.W., Thewalt, M.L.W., Balasubramanian, R., Bollong, B. A novel method for whole-wafer alloy composition mapping 81242
Steiner, W. *see* Ausserlechner, U. 76169
Steiner, W. *see* Reissner, M. 72209
Steiner, W. *see* Reissner, M. 72210
Steinfeld, A., Thompson, G. Solar combined thermochemical processes for CO_2 mitigation in the iron, cement, and syngas industries 90687
Steingruber, J. *see* Fill, E.E. 50732
Steingruber, J. *see* Fill, E.E. 50740
Steinhagen, H., Christoph, A., Czechowsky, P., Gorsdorf, U., Gube-Lenhardt, M., Lippmann, J., Neisser, J., Ruster, R., Schmidt, G., Wergen, W., Yoe, J.G. Field campaign for the comparison of SOUSY radar wind measurements with rawinsonde and model data 99188
Steinhardt, A. *see* Baranoski, E.J. 84457
Steinhardt, A.O. *see* Bose, S. 84394
Steinhauer, L.C., Kimura, W.D. Phase control in high-gradient laser particle accelerators 76361
Steinhauer, L.C. *see* Fontana, J.R. 76632
Steinhauer, L.C. *see* Kimura, W.D. 76628
Steinhausen, U. *see* Wilberg, J. 95706
Steinhauser, N. *see* Fisher, M.V. 88288
Steinhilber, R., Wagner, P.M. A digital signal processor for anemometer control 97876
Steinig, T. *see* Altenhofen, M. 65450
Steinkamp, O. *see* Dahmen, M. 87984
Steinke, G. *see* Thiede, T. 76274
Steinke, J.K. *see* Menzies, R.W. 60534
Steinke, J.K. *see* Menzies, R.W. 78889
Steinman, A. Using simplified techniques and portable instruments for periodic verification of ionizer performance 60937
Steinman, R.T. *see* Hua Yang 77067
Steinmann, M.J. Easy access to the evolving public broadband network 85985
Steinmann, M.J., Danuser, A., Rao, S. ATM access units in heterogeneous broadband networks 65524
Steinmann, R. *see* Schellin, R. 58723
Steinmann, S.L. *see* Andrepont, J.S. 89695
Steinmetz, E. *see* Kyas, A. 100943
Steinmetz, R. *see* Meyer, T. 96439
Steinmetz, R. *see* Schutt, T. 96377
Steinmueller, W.E. Centralization versus decentralization of data communications standards 96460
Steinshnider, J. *see* Perez, J.M. 82896
Steirer, D. *see* Jones, S. 90857
Stejny, J. *see* Darraud, C. 63336
Stejny, J. *see* Darraud, C. 82670
Stejskal, V. *see* Miller, J.R. 82404
Stejskal, V. *see* Pourrahimi, S. 82478
Stejskal, V. *see* Weggel, R.J. 82445
Stejskal, V.J. *see* Williams, J.E.C. 82412
Stekelenburg, M. *see* Centen, P. 97689
Stekelenburg, M. *see* Van De Steeg, M. 87284
Stell, M. *see* Jairath, R. 71338
Stella, E. *see* Lovergine, F.P. 84584
Stella, P.M., Kurland, R.M., Mesch, H.G. Thin film GaAs for space—moving out of the laboratory 99099
Stellakis, H.M., Manolakos, E.S. An architecture for the estimation of higher order cumulants 84430
Stellbogen, D. Use of PV circuit simulation for fault detection in PV array fields 100006
Stellbrink, B. Initial successes with an innovative technique at Staudinger 5 Power Station 68440
Stellini, E.M. *see* Cheng, K.Y. 63862
Stellwag, B. *see* Langner, A. 89589
Stelmakh, V.F. *see* Varichenko, V.S. 71079
Stelwagen, U. *see* Cheng, L.K. 52920
Stelzer, J.E. *see* Smith, H.V., Jr. 53184
Stelzer, J.E. *see* Vernon Smith, H., Jr. 76728
Stelzried, C.T., Klein, M.J. Precision DSN radiometer systems: impact on microwave calibrations 58369
Stelzried, C.T. *see* Rafferty, W. 58365
Stembridge, J.R. Some hidden relations involving the ten symmetry classes of plane partitions 91294
Stemme, G. *see* Lofdahl, L. 75915
Stemmer, A. *see* Zarschizky 94305
Stemmer, M., Martinuzzi, S. Minority carrier diffusion length mapping of extended crystallographic defects in semiconductor silicon 81215
Stemmer, M. *see* Martinuzzi, S. 81397
Stemmer, M. *see* Porre, O. 55541
Stemmler, H. High-power industrial drives 90491
Stemmler, H. Power electronics in electric traction applications 90614
Stemmler, H., Eilinger, T. Spectral analysis of the sinusoidal PWM with variable switching frequency for noise reduction in inverter-fed induction motors 100134
Stemmler, H. *see* Steiner, F.P. 79168
Stemmler, T. *see* Fanti, V. 76788
Sten, J.C.-E., Ilmoniemi, R. Image theory for a point charge inside a layered dielectric sphere 73217
Stenbakken, G.N., Souders, T.M. Developing linear error models for analog devices 70235
Stenbakken, G.N. *see* Avramov, S. 97796
Stender, J. Introduction to genetic algorithms 54701
Stengel, B., Nair, V. RF power amplifiers for portable communication applications 80153
Stengel, B.von *see* von Stengel, B.
Stengel, K. Analysis of a proposed infrared sensor focal plane 66453
Stengel, K. Discrimination of closely-spaced objects using infrared sensors 77778
Stengel, R.F. *see* Niehaus, A. 90616
Stengl, G. *see* Hans, L. 81722
Stengl, G. *see* Loschner, H. 62601
Stengl, R. *see* Meister, T.F. 62964
Stennett, N.A., Campbell, D.S. Normal force reduction: a variable activation energy process? [electrical contact springs] 61997
Stennikov, V.A. *see* Sennova, E.V. 89671
Stenow, E.N.D., Oberg, P.A. Design and evaluation of a fibre-optic sensor for limb blood flow measurements 76967
Stenstrom, G. *see* Gustavsson, A. 75616
Stenstrom, P. *see* Brorsson, M. 96723
Stenstrum, P. IR reflow in repair 92737
Stentz, A. *see* Herman, H. 86599
Stentz, A.J., Boyd, R.W. Figure-eight fibre laser with largely unbalanced central coupler 72784
Stentz, A.J., Boyd, R.W. Polarization effects and nonlinear switching in fiber figure-eight lasers 94381
Stenzel, R., Klix, W., Dittman, R., Pigorsch, C., Meiners, U., Brugger, H. Device simulation of novel in-plane-gated field-effect transistors 55854
Stenzel, R. *see* Kaiser, R. 86348
Stepanek, B., Hubik, P., Mares, J.J., Kristofik, J., Sestakova, V., Pekarek, L., Sestak, J. Manganese-doped GaSb single crystals grown by the Czochralski method 54815
Stepanenko, P.Ya. Axially-aligned stepwise transitions between a rectangular and coaxial waveguide 57176
Stepanenko, P.Ya. Filters based on irises with a finite thickness in a rectangular waveguide 64180
Stepanenko, P.Ya. Filters on longitudinal metal strips of finite thickness in a rectangular waveguide 64190
Stepanenko, Y. *see* Chun-Yi Su 90334
Stepanescu, A. *see* Piglione, L. 68637
Stepanov, A. *see* Hurd, J.W. 76590
Stepanov, A. *see* Siders, C.W. 73112
Stepanov, D. *see* Larose, R. 56697
Stepanov, D.Yu. *see* Dianov, E.M. 63967
Stepanov, D.Yu. *see* Dianov, E.M. 63969
Stepanov, I.A. Monitoring the residual life of nuclear power station equipment using indicators of the corrosion fatigue strength of the structural materials 99844
Stepanov, L.R. Optimal operating conditions for steam-injected gas-turbine plants 99953
Stepanov, N.S. *see* Zaytsev, S.I. 94851
Stepanov, N.V. *see* Selemir, V.D. 92895
Stepanov, S.I. Applications of photorefractive crystals 50968
Stepanov, S.N. Analysis of a model with a finite number of sources, taking into account the behavior of the subscriber after getting a refusal in servicing 96198
Stepanov, V.P. *see* Zhezhelenko, I.V. 59841
Stepanov, V.V. *see* Ageichik, A.A. 73103
Stepanova, A.N. *see* Liu, J. 62051
Stepanova, N.A., Fal'kovich, I.S. Interaction of magnetoionic waves in lower ionosphere 64137
Stepantsov, E.A. *see* Andreev, A.V. 63306
Stepantsov, E.A. *see* Andreev, A.V. 87142
Stepantsov, E.A. *see* Ivanov, Z.G. 55183
Stepantsov, E.A. *see* Nilsson, P.A. 72227
Stepanushkin, A.G. *see* Tetyorkin, V.V. 58754
Stepanyan, S. *see* Zorn, C. 88099
Stepchenko, A.S. *see* Gabanov, V.P. 90182
Stepennov, B.S. *see* Antipov, V.V. 53863
Stephan, A., Meijer, J., Hofert, M., Bukow, H.H., Rolfs, C. A superconducting solenoid as probe forming lens for microprobe applications 56279
Stephan, G.M. *see* Le Boudec, P. 56647
Stephan, J., Bodson, M., Chiasson, J. An adaptive method for induction motor control 60205
Stephan, J., Bodson, M., Chiasson, J. Real-time estimation of the parameters and fluxes of induction motors 69112
Stephan, J.P. *see* Michaut, C. 53195
Stephan, K. A fast response impedance meter for acoustic reflex measurements 67461
Stephan, R. *see* Banitsch, R. 78650
Stephan, R.M. *see* Garcia, G.O. 68624
Stephan, R.M. *see* Garcia, G.O. 90528
Stephan, S. *see* Besnard, P. 83061
Stephan, Y., Frachon, B. A modular neural architecture for bathythermograms classification 77563
Stephanblome, T. *see* Handschin, E. 59788
Stephani, D. *see* Benary, O. 53327
Stephani, D. *see* Benary, O. 98517
Stephani, D. *see* Benary, O. 98640
Stephani, D. *see* Gingrich, D. 53291
Stephani, D. *see* Peters, D. 62043
Stephanopoulos, G. *see* Bakshi, B.R. 55359
Stephant, T. *see* Cornily, J.-M. 74862
Stephen, D.S. *see* Mathew, T. 64153

Stephen, D.Saji *see* Saji Stephen, D.
Stephens, A. *see* Baugher, M. 65236
Stephens, A.W., Aberle, A.G., Green, M.A. Surface recombination velocity measurements at the silicon-silicon dioxide interface by microwave-detected photoconductance decay 71227
Stephens, A.W. *see* Aberle, A.G. 100757
Stephens, A.W. *see* Zhao, J. 100728
Stephens, B. *see* Oghanna, W. 54216
Stephens, D. *see* Lucovsky, G. 93431
Stephens, D.N. *see* Black, W.C., Jr. 92425
Stephens, S. *see* Lichten, S.M. 75671
Stephenson, A., Florescu, V., Booth, N.A. Magnetic remanences of gyromagnetic origin in an iron-terbium thin film 71960
Stephenson, D.M. *see* Kozlowski, L.J. 58852
Stephenson, E.J. *see* Blinov, B.B. 87861
Stephenson, M.M. *see* Walters, S.A. 58633
Stephenson, N., Willis, D.J. Internet in-service training at the University of New Mexico General Library 74890
Stephenson, R. *see* Bateman, J.E. 88015
Stephenson, R. *see* Wells, K. 88090
Stepin, D.L. *see* Aizatskii, N.I. 87798
Stepina, J. Effect of the commutation on the pulsating torques in polyphase machines fed from current-source inverters 89895
Stepinski, T. *see* Gramz, M. 55001
Stepniak, F., Weaver, J.H. Effects of Cl incorporation during Si oxidation 93198
Stepniak, F. *see* Laaksonen, R.T. 70105
Stepp, J. *see* Bridges, J. 98390
Stepp, J.D., Bridges, J.F. General overview of the APS low-level RF control system 66818
Stepp, J.D., Bridges, J.F. Frequency-feedback tuning for single-cell cavity under RF heating 67233
Steppe, D.A. *see* Scher, M.S. 53434
Steppe, D.A. *see* Scher, M.S. 53435
Steppel, R.N. *see* Partridge, W.P., Jr. 94371
Stepura, A.V. *see* Gruzevich, Yu.K. 72473
Stepura, Yu.P. *see* Grechko, E.N. 88983
Steranka, F.M. *see* Kish, F.A. 56567
Steriti, R.J., Fiddy, M.A. Blind deconvolution of images by use of neural networks 50646
Steriu, M.-D. *see* Tudor, B. 81832
Sterke, C.Martin de *see* Martin de Sterke, C.
Sterkenburgh, T. *see* Frank, W.F.X. 56408
Sterkenburgh, T.R., Franke, H., Frank, W., Garen, W., Becker, M.G. Patterning polymer surfaces with laser radiation for fiber chip coupling 56400
Sterle, L. *see* Anzlovar, R. 78367
Sterling, J.T. *see* Goodpaster, B.G. 78203
Sterling, M.J.H. *see* Macqueen, C.N. 53741
Sterman, L.S., Tishin, S.G., Pechenkin, S.P. Predicting annual power characteristics and fuel consumption for extraction-turbine units 89666
Sterman, M.B., Kaiser, D.A., Mann, C.A., Suyenobu, B.Y., Beyma, D.C., Francis, J.R. Application of quantitative EEG analysis to workload assessment in an advanced aircraft simulator 99054
Stermitz, T.A. *see* Churnside, J.H. 88780
Stern, E. *see* Benary, O. 53327
Stern, E. *see* Benary, O. 98517
Stern, E. *see* Benary, O. 98640
Stern, H.L. *see* Coon, M.D. 88823
Stern, J. A new identification scheme based on syndrome decoding 73743
Stern, J. *see* Coppersmith, D. 83959
Stern, J. *see* Lachaud, G. 95113
Stern, J.A., Crocker, T.E. Export control: Current legal and policy issues affecting satellite and telecommunications ventures in the Pacific Rim 96306
Stern, J.A. *see* Zmuidzinas, J. 55427
Stern, J.R. *see* Faulkner, D.W. 52532
Stern, M.B., Jay, T.R. Dry etching—path to coherent refractive microlens arrays 50566
Stern, M.B. *see* Jay, T.R. 50565
Stern, M.S. *see* Xu, C.L. 94928
Stern, P.A. Bandwidth on demand metered service 97173
Stern, R.A., Shing, L., Blouke, M.M. Quantum efficiency measurements and modeling of ion-implanted, laser-annealed charge-coupled devices: X-ray, extreme-ultraviolet, ultraviolet, and optical data 58833
Stern, R.M. *see* Sullivan, T.M. 73853
Stern, S.A. *see* Thronson, H.A., Jr. 97503
Stern, T.E. *see* Jiang, S. 75427
Sternad, M., Ahlen, A., Lindskog, E. Robust decision feedback equalizers 85213
Sternad, M. *see* Öhrn, K. 84234
Sternberg, A. Transparent ferroelectric ceramics—recent trends and status quo 82144
Sternberg, A., Shebanov, L., Birks, E., Ozolinsh, M., Dimza, V., Klotins, E. Modified lead containing perovskite ceramics for electrooptic, electrocaloric, pyroelectric and electrostrictive applications 56100
Sterner, J. *see* Guang-Bo Gao 71601
Sterner, R.E. *see* Chapman, R.D. 99220
Sterner, R.E., II *see* Chapman, R.D. 88802
Sternick, E.S. *see* Engler, M.J. 77042
Sternowski, R.H. The competitive future of the HF communications medium 65594
Sterpi, N. *see* Briegel, H.-J. 50716
Sterpi, N. *see* Wehner, E. 82882
Sterr, A. *see* Kikineshi, A. 73138
Sterr, K. PIPplus processor/converter: the new standard for picture-in-picture ICs 66018
Sterzer, F. *see* Askew, R.E. 73380
Sterzer, F. *see* Askew, R.E. 83724
Sterzer, F. *see* Bharj, S. 80627
Sterzer, F. *see* Bharj, S. 92587
Sterzer, F. *see* Rosen, A. 88545
Steski, D.B. *see* Zarcone, M.J. 76730
Stesmans, A. *see* Vanheusden, K. 55705
Stetina, F., Friedman, D.S., Krabill, W.B., Kunz, T.D., Hill, J.M., DiRosa, D., Michaels, D.L., Schmidt, J.A. Progress on the Airborne Lidar Topographic Mapping System (ALTMS) sensor 77307
Stetina, F. *see* Vermillion, C. 77644
Stetson, L.E. *see* Reinemann, D.J. 79068
Stetsun, A.I. *see* Kostioukevitch, S.A. 56316
Stette, G. *see* Renyuan Li 96967
Stetter, N. *see* Reaney, I.M. 82097
Stettiner, Y., Malah, D., Chazan, D. Estimation of the parameters of a long-term model for accurate representation of voiced speech 84087
Stettiner, Y. *see* Chazan, D. 84133
Stettler, M.A., Lundstrom, M.S. A detailed investigation of heterojunction transport using a rigorous solution to the Boltzmann equation 49953
Stettler, M.A., Lundstrom, M.S. A microscopic study of transport in thin base silicon bipolar transistors 62698
Stettler, U. *see* Davies, P.J. 52527
Stettler, U. *see* Demierre, E. 86390
Steuber, O.von *see* von Steuber, O.
Steur, P.P.M., Pavese, F. Error budget and accuracy of the IMGC manobarometer model BIPM/JAEGER with automatic data acquisition 66726
Steur, P.P.M. *see* Crovini, L. 86893
Steur, P.P.M. *see* Crovini, L. 86955
Steurer, J. *see* Kohl, F. 58724
Steven, G.P. *see* Xie, Y.M. 69779
Steveninck, W.Van *see* Van Steveninck, W.
Stevens, A.D., Brivati, J.A. A 250 MHz EPR spectrometer with rapid phase-error correction for imaging large biological specimens 67504
Stevens, A.E., Miller, G.A. A high-slew integrator for switched-capacitor circuits 70785
Stevens, A.E., Miller, G.A. A high-slew integrator for switched-capacitor circuits 80428
Stevens, A.E. *see* Tong, F. 86016
Stevens, B.J. *see* Petroni, M. 76887
Stevens, D.R., Cumming, I.G., Ito, M.R., Gray, A.L. Airborne interferometric SAR: terrain induced phase errors 77245
Stevens, E.G., Lavine, J.P. An analytical, aperture, and two-layer carrier diffusion MTF and quantum efficiency model for solid-state image sensors 98079
Stevens, E.G. *see* Nichols, D.N. 66046
Stevens, G.C. *see* Champion, J.V. 56093
Stevens, G.C. *see* Emsley, A.M. 90086
Stevens, G.D. *see* Levine, J.D. 100637
Stevens, G.E. *see* Burford, D.P. 89574
Stevens, J. ATS (auto throttle system): a question of power 59521
Stevens, J., Kratochvil, J., Harrington, S. Field investigation of the relationship between battery size and PV system performance 99996
Stevens, J. *see* Rosenzweig, J. 87702
Stevens, J. *see* Von Goeler, S. 59246
Stevens, J.W. *see* Ball, G.J. 78722
Stevens, K.S., Ohtani, A., Kinniburgh, M., Beresford, R. Microstructure of AlN on Si(111) grown by plasma-assisted molecular beam epitaxy 70008
Stevens, K.S., Ohtani, A., Schwartzman, A.F., Beresford, R. Growth of group III nitrides on Si(111) by plasma-assisted molecular beam epitaxy 54861
Stevens, K.S. *see* Ohtani, A. 69953
Stevens, M.L., Hemenway, B.R., Alexander, S.B. Simultaneous TDM/FDM digital optical transmission with polarization-diversity heterodyne detection 86456
Stevens, P.D., Glosser, R. Anomalous time dependence of photoluminescence from porous Si 72573
Stevens, P.M. *see* Eggington, W.J. 88709
Stevens, R. Multimedia supercomputing: the use of supercomputers to drive high-performance multimedia systems and virtual environments 85706
Stevens, R., Dilworth, I., Sinclair, M. Fading and its effects on PMR systems 86207
Stevens, R. *see* Thomas, C.B. 72655
Stevens, R.D., Sinclair, M.C., Dilworth, I.J. Finite source modelling of private mobile radio systems 65600
Stevens, R.E., Kung, C.Y., Kittrell, C., Kinsey, J.L. A simple and efficient external gas filtration and trapping system for excimer lasers 83222
Stevens, R.R., Jr., Sherman, J.D., Schneider, J.D. Injector design for high-current cw proton linacs 76424
Stevenson, A. *see* Strange, A. 86248
Stevenson, D. *see* Nilsson, A. 52228
Stevenson, D. *see* Winkelstein, D. 58156
Stevenson, D.K. *see* Shoesmith, J.P. 60448
Stevenson, G.R. *see* Hofert, M. 88601
Stevenson, J.D. *see* Ghiocel, D.M. 78308
Stevenson, J.T.M. *see* Fallon, M. 81400
Stevenson, J.T.M. *see* Walton, A.J. 55684
Stevenson, J.T.M. *see* Walton, A.J. 62925
Stevenson, N. *see* Edman, K. 76306
Stevenson, P., Hunter, C.A. Development of an efficient propulsion motor and driver for use in the deep ocean 100897
Stevenson, P.B. *see* Hung, J.Y. 54175
Stevenson, P.B. *see* Hung, J.Y. 69107
Stevenson, R.L. Reduction of coding artifacts in transform image coding 85034
Stevenson, R.L., Schmitz, B.E., Delp, E.J. Discontinuity preserving regularization of inverse visual problems 51650
Stevenson, R.L. *see* O'Rourke, T.P. 64653
Stevenson, R.L. *see* Schultz, R.R. 64729
Stevenson, R.L. *see* Schulz, R.R. 49568
Stevenson, R.L. *see* Seung-Jin Choi 64660
Stevenson, S., Dooley, K.J., Anderson, J.C. The use of best design practices: an analysis of US Navy contractors 69519
Stevenson, T.J., Watson, A. Throughput performance of frequency comb multiple access (FCMA) 96183
Stevenson, W.A. *see* Glatkowski, P.J. 52918
Stevie, F.A. *see* Hull, R. 83124
Steward, D.G. *see* Cameron, A.A. 67683
Steward, S. *see* Appleby, S. 51960
Stewardson, H.R., Smith, I.R., Senior, P., Vadher, V.V., Hackett, C.D. High power pulsed-power research 60403
Stewardson, H.R. *see* Senior, P. 100361
Stewardson, R. Harmonisation of technical product standards in the EU: the case of electrical and electronic products under the new approach Directives 60824
Stewart, A. A one-pass thinning algorithm with interference guards 84601
Stewart, A. Dial M for movies 97681
Stewart, A., Pearce, A. Telcos and cable TV companies must cooperate [new broadband service provision] 85480
Stewart, C., Yi-Chuan Lu, Larson, V. A neural clustering approach for high resolution radar target classification 52639
Stewart, C. *see* Jun Liu 74232
Stewart, C. *see* Larson, V. 75568
Stewart, C. *see* Lucyszyn, S. 49664
Stewart, C.V. A new robust operator for computer vision: application to range data 84794
Stewart, F. *see* Thrane, E.V. 94809
Stewart, F.G. *see* Spaulding, A.D. 73341
Stewart, G., Culshaw, B. Optical waveguide modelling and design for evanescent field chemical sensors 52877
Stewart, G.W. On the convergence of multipoint iterations 69784
Stewart, G.W. *see* Liu, K.J.R. 84393
Stewart, H. *see* Kawakami, Y. 72871
Stewart, H.D. *see* Allen, R.A. 62975
Stewart, I. *see* Ashwin, P. 80179
Stewart, J.A.C. *see* Leckey, J.G. 81972
Stewart, J.A.C. *see* Parks, G. 55429
Stewart, J.E. Approximate phase conjugation with a retroreflecting array in microscopy 94623
Stewart, J.J. *see* Absi, A.E. 67675
Stewart, J.M. *see* Chen, W.S. 100496
Stewart, J.T., Yong, Y.-K. Exact analysis of the propagation of acoustic waves in multilayered anisotropic piezoelectric plates 56145
Stewart, R. *see* Dolny, G. 98213
Stewart, R. *see* Khormaei, R. 66624
Stewart, R. *see* Perez, R. 99993
Stewart, R. *see* Pritchett, S. 87010
Stewart, R.W. Practical DSP for scientists 69412
Stewart, R.W. The police signal box: a 100 year history 74884
Stewart, R.W., Duncan, R., Weiss, S. Multi-channel active noise cancellation using the DSP56001 [digital signal processor] 77763
Stewart, R.W. *see* Booth, C. 59812
Stewart, T. *see* DeHope, W. 62122
Stewart, W. *see* Da Via, C. 53348
Stewart, W.K., Min Jiang, Marra, M. A neural network approach to classification of sidescan sonar imagery from a midocean ridge area 59582
Stewart, W.K. *see* Jiang, M. 99277
Stewart, W.R., Ramsey, M.W., Jones, C.J.H. Non-invasive measurement of pulse wave velocity using transputer-based analysis of Doppler flow audio signals 76971
Steyaert, B., Bruneel, H. Analysis of ATM switching modules with channel grouping in a bursty-source environment 48752
Steyaert, B. *see* Bruneel, H. 74645
Steyaert, M., Bastos, J., Roovers, R., Kinget, P., Sansen, W., Graindourze, B., Pergoot, A., Janssens, E., Steyaert, M., Steyaert, M. Threshold voltage mismatch in short-channel MOS transistors 81904
Steyaert, M., Ingels, M., Crols, J., van der Plas, G. A CMOS 240 Mb/s optical receiver with a transimpedance-bandwidth of 18 THzΩ 97329
Steyaert, M. *see* Crols, J. 80505
Steyaert, M. *see* Steyaert, M. 81904
Steyaert, M. *see* Steyaert, M. 81904
Steyn, E.T. *see* Grabandt, O. 52516

Stich, H., Blanchard, W., Lechner, W., Kayser, D., Gaillard, H. Assessment of the potential of satellite navigation systems for Europe. Results of a study for the European Commission 97479
Stichnoth, J.M., O'Hallaron, D., Gross, T.R. Generating communication for array statements: design, implementation, and evaluation 51810
Stichtenoth, H., Voss, C. Generalized Hamming weights of trace codes 73712
Stichtenoth, H. *see* Kyeongcheol Yang 73729
Stickley, A., Winterbottom, A. The nature of quality assurance and statistical methods in BS 5750 79472
Stidham, S., Jr. *see* Kulkarni, V.G. 57966
Stiefel, R. Security services in a GSM authentication centre 75222
Stiefel, R. *see* Fischer, W. 75160
Stiefel, R. *see* Franz, R. 51920
Stiegler, J. *see* Floter, A. 79859
Stiegler, J. *see* Ullmann, J. 71077
Stielau, D.E., Ferreira, J.A., van Wyk, J.D. Optimising power lines and transformers for simultaneous energy and data transmission 99691
Stiening, R. *see* Bucher, K. 100717
Stiening, R. *see* Nosochkov, Y. 76284
Stiening, R. *see* Nosochkov, Y. 87840
Stiening, R. *see* Pilat, F. 66913
Stiening, R. *see* Sen, T. 66883
Stiening, R. *see* Wanderer, P. 82422
Stier, O. *see* Grundmann, M. 56809
Stietzel, C.O.L., Rosiene, J.A. Extraction of information from hyperspectral imagery using wavelets 57849
Stievenard, D. *see* Zazoui, M. 90396
Stievenart, N. *see* Gagnon, L. 56862
Stiffler, S. *see* Koburger, C. 70397
Stiffler, S. *see* Shahidi, G.G. 71797
Stiffler, S.R. *see* Harame, D.L. 61658
Stighelen, H.Van der *see* Van der Stighelen, H.
Stiglic, P. *see* Hassan, M. 77197
Stih, Z. *see* Haznadar, Z. 78592
Stih, Z. *see* Haznadar, Z. 92656
Stiharu, I., Bhat, R., Kahrizi, M., Landsberger, L. The influence of the stress state in silicon on the anisotropic etching process 62433
Stiharu, I. *see* Abdou, G. 66170
Stilburn, J. *see* Murowinski, R. 58856
Stiles, J. *see* Dobson, M.C. 77303
Stiliadis, D. *see* Alexiou, G. 49476
Stiling, P.A. *see* Hornbach, B.H. 58259
Stille, C.E. Initial development of a homopolar 3-phase machine 68645
Stiller, C. A statistical image model for motion estimation 84985
Stillman, A. Photonics for accelerator instrumentation 98473
Stillman, A. Signal generation in gas detectors 98636
Stillman, A., Thera, R.E. Full cycle beam diagnostics with an ionization profile monitor 76604
Stillman, G.E. *see* Gardner, N.F. 54899
Stillman, G.E. *see* Gardner, N.F. 70010
Stillman, G.E. *see* Jackson, S.L. 54898
Stillman, G.E. *see* Jackson, S.L. 55713
Stillman, G.E. *see* Stockman, S.A. 49974
Stillman, G.E. *see* Stockman, S.A. 79925
Stillman, R.H. Probabilistic derivation of overstress for overhead distribution in-line structures 99731
Stilwell, R.K. *see* Jablon, A.R. 57271
Stilwell, R.K. *see* Valverde, C.R. 59643
Stimac, L., Bina, D., Page, J., Schermers, F., Sugarbaker, D. A tactical grade depolarized fiber optic gyroscope 67960
Stimming, U. *see* Divisek, J. 60435
Stimming, U. *see* Schmidt, V.M. 60570
Stimper, K. *see* Grebe, E. 60024
Stimpfl-Abele, G. Kink recognition with neural networks 76771
Stimson, P.A., Dengler, R.J., LeDuc, H.G., Siegel, P.H. A prototype quasi-optical SIS array receiver 80692
Stine, M.B. *see* Gibby, M.G. 97438
Stinson, D.L. *see* Marschall, R.A. 99226
Stinson, D.R. Universal hashing and authentication codes 83971
Stinson, D.R., Zhu, L. On the existence of certain SOLS with holes 61109
Stinson, D.R. *(editor)* Advances in Cryptology - CRYPTO '93. 13th Annual International Cryptology Conference Proceedings 69377
Stinson, W., Kheradpir, S., Ebrahimi, F. Design and deployment of an integrated network management system for a large Telco network 51977
Stipanovich, N. *see* Sufana, C. 89347
Stipcevic, M. *see* Gingrich, D. 53291
Stippel, H., Selberherr, S. Monte Carlo simulation of ion implantation for three-dimensional structures using an octree 49848
Stirk, C.W. Parallel optoelectronic multiplexer architectures 50634
Stirling, A.J. Experiences with a new generation of electrically produced radiation sources: high energy, high power electron linear accelerators 87637
Stirner, T., Hagston, W.E., O'Neill, M., Harrison, P. Exciton dynamics in multiquantum well CdTe-$Cd_{1-x}Mn_xTe$ systems 55601
Stirner, T. *see* Hagston, W.E. 55600
Stirniman, J.P., Rieger, M.L. Fast proximity correction with zone sampling 71481
Stirniman, J.P. *see* Reiger, M.L. 71755
Stittsworth, D. *see* Crist, C.E. 76442
Stittsworth, D. *see* Hurd, J.W. 76440
Stivaros, C. Solvable classes for reliable network allocation 61448
Stivoric, J. *see* Amon, C.H. 97501
Stjema, B., Olsson, E., Granqvist, C.G. Optical and electrical properties of radio frequency sputtered tin oxide films doped with oxygen vacancies, F, Sb, or Mo 92964
Stjernman, A. *see* Monakov, A.A. 75582
Stjernman, A.S. *see* Monakov, A.A. 59599
Stobart, R., Pink, G. Making effective use of CASE tools in automotive systems development 60601
Stobbs, W.M. *see* Dunin-Borkowski, R.E. 81444
Stober, F. *see* Lichtenthaler, H.K. 77677
Stoch, G. *see* Kapusta, C. 50218
Stochaj, S.J. *see* Hof, M. 67310
Stochino, G. Audio design leaps forward? 97729
Stock, D., Vesely, W., Samanta, P. Modeling the degradation of nuclear components 99879
Stock, G. *see* Harreiss, U. 92114
Stock, G. *see* Heusinger, F. 92116
Stock, G. *see* Heusinger, P. 55197
Stock, G. *see* Heusinger, P. 55198
Stock, G. *see* Heusinger, P. 61632
Stock, G. *see* Heusinger, P. 70380
Stock, H.-J. *see* Schmiedeskamp, B. 56504
Stock, T., Grunenfelder, R. Frame loss vs. cell loss in ATM concentrators and policing units 85982
Stock, T., Tran-Gia, P. Basic concepts and performance of high-speed protocols 51856
Stockbauer, R.L. *see* Zhe Qu 88290
Stockburger, D.C. *see* Deuchars, G.D. 100881
Stockdale, I. *see* Abe, K. 88115
Stockdale, I. *see* Antilogus, P. 59064
Stockdale, I. *see* Antilogus, P. 59127
Stockel, B. Integrated optics for the terahertz-region 80624
Stockel, C.T. *see* Atkinson, H.L. 52662
Stockel, C.T. *see* Reynolds, P.L. 51910
Stocker, D., Martin, B., Browne, J. Characterisation of defect sizing on an automatic inspection station (KLA238e) 60982
Stocker, H.L. *see* Thomas, P.W. 78370
Stockert, M. *see* Steinbach, B. 49369
Stocklein, W. *see* Unger, C. 50494
Stocklein, W. *see* Unger, C. 63367
Stocklein, W. *see* Unger, C. 82609
Stockley, J.E., Sharp, G.D., Doroski, D., Johnson, K.M. High-speed analog achromatic intensity modulator 56460
Stockline, L.E. Process condition monitoring 66133
Stockman, S. Total quality management in software development 74780
Stockman, S.A., Fresina, M.T., Hartmann, Q.J., Hanson, A.W., Gardner, N.F., Baker, J.E., Stillman, G.E. Carbon incorporation in InP grown by metalorganic chemical vapor deposition and application to InP/InGaAs heterojunction bipolar transistors 49974
Stockman, S.A., Hanson, A.W., Colomb, C.M., Fresina, M.T., Baker, J.E., Stillman, G.E. A comparison of TMGa and TEGa for low-temperature metalorganic chemical vapor deposition growth of CCl_4-doped InGaAs 79925
Stockman, S.A. *see* Gardner, N.F. 54899
Stockman, S.A. *see* Gardner, N.F. 70010
Stockmeier, T. *see* Dettmer, H. 55933
Stockmeier, T. *see* Herr, E. 55938
Stockmeier, T. *see* Lendenmann, H. 55935
Stockting, J. An overview of BS 7430:1991—code of practice for earthing 53832
Stockton, D.J. *see* Medlen, N.J. 52510
Stockwell, B. *see* DeHope, W. 92901
Stoddart, A. *see* Hilton, A. 69609
Stodiek, W. *see* Von Goeler, S. 59246
Stodolski, M. *see* Dedek, L. 68513
Stoeckel, F. *see* Lacot, E. 56663
Stoecker, W.V. *see* Ercal, F. 88386
Stoemenos, J., Economou, N.A., Haji, L., Bonnel, M., Duhamel, N., Loisel, B. Microstructure of poly-Si obtained by rapid thermal annealing of amorphous silicon films 81396
Stoemenos, J. *see* Dimitriadis, C.A. 62145
Stoemenos, J. *see* Dimitriadis, C.A. 81875
Stoemenos, J. *see* Haji, L. 49770
Stoer, M., Dahl, G. A polyhedral approach to multicommodity survivable network design 74751
Stoetzer, M.-W. Business demand for value added services in Europe 96371
Stoetzer, M.-W. New telecommunication services: Current situation and prospects in Germany 96434
Stoeva, A. *see* Urshev, L. 55323
Stoffel, A. *see* Kovacs, A. 66215
Stoffel, A.M. Micromachining and ASIC technology 62440
Stoffel, A.P. Heuristic energy management for active array multifunction radars 77796
Stoffel, F. *see* Borer, K. 76790
Stoffel Gerold, J. Industrial workstations find new ways to add value 98191
Stoffelen, A., Anderson, D., Gaffard, C. From measurement to model: ERS-1 scatterometer data assimilation 67818
Stoffels, E. *see* Haverlag, M. 93161
Stoffels, W. *see* Haverlag, M. 93161
Stoffman, D. *see* Scheinberg, N. 61835
Stoger, G., Brunthaler, G., Bauer, G., Ismail, K., Meyerson, B.S., Lutz, J., Kuchar, F. Shubnikov-de Haas oscillations under hot-electron conditions in $Si/Si_{1-x}Ge_x$ heterostructures 55591
Stoger, P. Specific protection and shielding measures against susceptible and affected control, information and supervision equipment 90098
Stogner, H. *see* Preis, K. 49681
Stogner, H. *see* Preis, K. 79738
Stognii, B.S., Selekhman, N.A., Tankevich, E.N. Digital regeneration of the output signal of high-voltage measuring current converters 87415
Stogsdill, E. *see* Adachi, R. 88218
Stohl, M. *see* Novembre, A.E. 62560
Stohr, A., Humbach, O., Hulsewede, R., Wiersch, A., Jager, D. An InGaAs/GaAs MQW optical switch based on field-induced waveguides 82709
Stohr, P. Using two-dimensional subspaces gained by intersections to recognize three-dimensional objects 96082
Stoica, M. *see* Alexandrescu, R. 83411
Stoica, P., Eriksson, A., Beron, T., Ward, K.D. DOA estimation method for unknown noise fields 57529
Stoica, P., Eriksson, A., Soderstrom, T. Subspace-based algorithms without eigendecomposition for array signal processing 84392
Stoica, P., Soderstrom, T. On Di's and subspace fitting approaches to direction estimation 51459
Stoica, P., Soderstrom, T. Parameter identifiability problem in signal processing 57527
Stoica, P. *see* Eriksson, A. 51445
Stoica, P. *see* Eriksson, A. 74029
Stoica, P. *see* Eriksson, A. 84354
Stoica, P. *see* Eriksson, A. 84535
Stoica, P. *see* Kangas, A. 95464
Stoica, P. *see* Linebarger, D.A. 84533
Stoica, P. *see* Weiss, A.J. 95620
Stojadinovic, N. *see* Pantic, D. 49836
Stojanoff, C.G., Brasseur, O., Tropartz, S., Schutte, H. Conceptual design and practical implementation of dichromated gelatin films as an optimal holographic recording material for large format holograms 57019
Stojanovic, D., Vukic, D., Mitrovic, N., Stanisavljevic, Z. Analysis of input data accuracy on calculation results of electromechanical transients of power system 77825
Stojanovic, M., Catipovic, J.A., Proakis, J.G. Phase-coherent digital communications for underwater acoustic channels 58444
Stojanovic, M., Catipovic, J.A., Proakis, J.G. Reduced-complexity simultaneous beamforming and equalization for underwater acoustic communications 97367
Stojcev, M.K. *see* Milovanovic, E.I. 69843
Stojcev, M.K. *see* Milovanovic, I.Z. 91768
Stojkovski, G. Active antenna for radiocommunication frequency standard 95005
Stojmenovic, I. Job simulation techniques on incomplete and Gray code incomplete hypercubes 64292
Stok, F. *see* Blankevoort, J. 66042
Stokely, G. Absolute encoders provide precise position information 52817
Stoker, D.P. *see* Baggs, R. 76791
Stoker, J. *see* Yu, S. 67027
Stokes, A.D. High-voltage expulsion fuses: energy dissipation and design goals 54119
Stokes, A.D. *see* Kacprzak, B.W. 90265
Stokes, A.D. *see* Rowntree, G.W.G. 78161
Stokes, A.D. *see* Wolny, A. 78737
Stokes, A.D. *see* Wolny, A. 90267
Stokes, A.D. *see* Wolny, A. 100387
Stokes, K. *see* Bigger, J. 99999
Stokes, R.B., Crawford, J.D., Cushman, D. Monolithic bulk acoustic filters to X-band in GaAs 92485
Stoklosa, M. *see* Fayette, D.F. 54497
Stokoe, T.Y. Magnox lifetime management 60044
Stolarsky, K.B. Certain sequences of Wythoffian matrices, and maximal geometric progressions therein 91293
Stoldt, H. *see* Centen, P. 97689
Stoldt, H. *see* Schaeffer, C.J. 66467
Stoletnii, I.V. *see* Nasonov, N.N. 98433
Stolk, P.A., Saris, F.W., Berntsen, A.J.M., Van der Weg, W.F., Sealy, L.T., Barklie, R.C., Krotz, G., Muller, G. Contribution of defects to electronic, structural, and thermodynamic properties of amorphous silicon 62200
Stoll, C.N., Zubas, C.F. Total quality management: a journey 54552
Stoll, C.N., Zubas, C.F. Total quality management (TQM) in a non-manufacturing environment 54556
Stoll, K. *see* Wright, A. 54569
Stoll, L. *see* Achatz, V. 94315
Stoll, L. *see* Ebberg, A. 86403
Stoll, L. *see* Wenger, G. 97344
Stoll, R. *see* Lubitz, K. 67928
Stoll, R.D. *see* Caiti, A. 59569

Stoll, R.L. *see* Cheng, Y.B. 54136
Stoll, R.L. *see* Harris, M.R. 54052
Stoll, S. *see* David, G. 87983
Stollberger, R., Ebner, F. Nuclear magnetic resonance in medical diagnosis 88475
Stollberger, R. *see* Renhart, W. 88566
Stoller, R.A., Nolan, J.F. High resolution color PDPs 87382
Stoller, R.A. *see* Friedman, P.S. 76126
Stoller, R.A. *see* Wedding, C.A. 66612
Stollery, D.E. *see* Levinson, H. 87104
Stolmeijer, A. *see* Helm, M. 71799
Stolov, E.L. Testing of sequences by a pair of signature analyzers 91962
Stolpe, D.J., Pierrat, C., Kirkish, S., Vaidya, S. Die-to-die inspection of phase-shifting masks 60980
Stolt, L. *see* Hedstrom, J. 100487
Stolte, S. Short-wave measurements by a fixed tower-based and a drifting buoy system 59563
Stolte, S. Shallow water sonar conditions and radar backscatter 59565
Stolte, S. Short sea wave measurements by a drifting buoy system 99264
Stolte, S. *see* Hennings, I. 59566
Stolte, S. *see* Hennings, I. 99246
Stolte, S. *see* Weissman, D.E. 99267
Stolte, W.J., Whisnant, R.A., McGowin, C.R. Design, performance and cost of energy from high concentration and flat-plate utility-scale PV systems 100005
Stolwijk, N.A. *see* Lerch, W. 69226
Stolz, H., Trepte, P. Communication cable network for gas distribution systems 58276
Stolz, H. *see* Muhl, W. 96456
Stolz, M. *see* Bertagnolli, E. 71612
Stolzel, C. *see* Petersen, K. 63320
Stolzenberger, R.A. *see* Murray, J.T. 56859
Stolzy, J. *see* Alexander, S. 88939
Stomberg, H. *see* Carlsson, L. 59907
Stone, A.J.B. Earthing in fire detection and alarm systems 48637
Stone, D.H., Carpenter, G.F. Wheel thermal damage limits 54214
Stone, D.J. *see* Firby, P.A. 98207
Stone, D.L. *see* Jeffay, K. 65464
Stone, D.R. *see* Munzel, N. 81617
Stone, D.R. *see* Ohfuji, T. 49931
Stone, G.C., Lloyd, B.A., Campbell, S.R. On-line monitoring for condition assessment of motor and generator stator windings 78572
Stone, G.C., Sedding, H.G. In-service evaluation of motor and generator stator windings using partial discharge tests 68527
Stone, G.C. *see* Campbell, S.R. 78540
Stone, G.C. *see* Lloyd, B.A. 78570
Stone, J. *see* Dentai, A. 56510
Stone, J. *see* Lee, J.S. 86369
Stone, J.J. *see* Bull, D.R. 74505
Stone, J.J. *see* Wilkinson, J.H. 86694
Stone, J.L. SOLAR 2000: the next critical step towards large-scale commercialization of photovoltaics in the United States 100558
Stone, J.V. The adaptive bisector method: separating slant and tilt in estimating shape from texture 84655
Stone, K.P., Goldenberg, M., Munikoti, R. Field reliability enhancement of electronic modules using ESS 91154
Stone, M. *see* Zhengou Wang 51860
Stone, M. *see* Zhengou Wang 96768
Stone, M.L. *see* Weber, M.E. 65922
Stone, N.H., Wright, K.H., Jr., Winningham, J.D., Biard, J., Gurgiolo, C. A technical description of the TSS-1 ROPE investigation 88634
Stone, N.H. *see* Dobrowolny, M. 88630
Stone, P., Chang, A. Electric avenues 100872
Stone, P.J.W., Miller, L.S., Walton, D.J., Sethi, R.S. LB films of polysiloxanes for second harmonic generation 56905
Stone, P.J.W., Rhoden, A.L., Miller, L.S., Walton, D.J., McRoberts, A.M., Heptinstall, J. Polysiloxanes for Langmuir-Blodgett applications 63944
Stone, R. *see* Tesarek, R.J. 98504
Stone, R.V. *see* Guilfoyle, P.S. 82786
Stoneback, D. *see* Hamilton, J. 66055
Stonely, B.T. *see* Monk, G. 58210
Stoner, B.R. *see* Fox, B.A. 69927
Stoner, J.P. *see* Lane, D.M. 86616
Stoner, R. *see* Coates, R. 97369
Stoner, W.W. *see* Chao, T.-H. 56488
Stones, D.I. Analysis and design of a novel microstrip-to-waveguide transition/combiner 80603
Stones, D.I. *see* Marosi, L. 92577
Stones, D.I. *see* Sharma, A.K. 80840
Stonham, T.J. *see* Hepplewhite, L. 91125
Stonick, V.L. Teaching signals and systems using the Virtual Laboratory environment in ECE at CMU 69413
Stonick, V.L. *see* Alexander, S.T. 84304
Stopa, M. *see* Bird, J.P. 55612
Stopa, M.P., Tokura, Y. Capacitance in single electron tunneling 71191
Stopher, J. *see* Bowers, J.S. 90337
Stoppel, K. *see* Nobach, U. 99546
Stoppel, P. *see* Nagarkar, V. 88584
Stoppel, P. *see* Nagarkar, V. 98651
Stoppmanns, P. *see* David, R. 53105
Stoquert, J.-P. *see* Fogarassy, E. 61322
Stoquert, J.P. *see* Fogarassy, E. 79936
Stoquert, J.P. *see* Repplinger, F. 48958
Storakers, J. *see* Lundgren, J. 90896
Storasta, J. *see* Vaitkus, J. 82801
Storchi, P.R.M. *see* Janssen, J.J. 88542
Stordahl, A.V.K. Prognosis methods—an overview [telecommunications] 85382
Stordahl, A.V.K., Hjelkrem, C., Boe, O.G.J. Regression models 85383
Stordahl, K. *see* Zaganiaris, A. 52544
Stordahl, O.G.K. *see* Olsen, A.V.B.T. 79201
Storer, J.A. *see* Carpentieri, B. 64880
Storer, J.A. *see* Carpentieri, B. 84872
Storer, J.A. *see* Constantinescu, C. 57911
Storer, J.A. *see* Constantinescu, C. 64879
Storer, J.A. *see* Constantinescu, C. 95856
Storer, J.A. *see* Jianhua Lin 95860
Storer, J.A., Cohn, M. *(editors)* Proceedings DCC '94. Data Compression Conference (Cat. No.94TH0626-2) 54297
Storer, M., Logan, R., Chong Yu, Grantonic, E., Churchman, D. Airborne tactical information management system in-cockpit mission replanning and rehearsal (ATIMS/ICMRR) 88700
Storey, B.A., Osgood, R.K., Schueren, J.C. Aircraft/mission requirements approach for helmet-mounted display decisions 67692
Storey, B.A., Rountree, M.E., Kulwicki, P.V., Cohen, J.B. Development of a process for cockpit design 88693
Storey, R., Scott, J. Experience of the use of novel techniques for cost-effective wide-screen outside broadcasts 97525
Storey, T. The Internet and OCLC: broadening access to the world's information 75036
Stori, J. *see* Majors, M. 69166
Stork, C. *see* Mathias, K.E. 95976
Stork, J.M.C. *see* Crabbe, E.F. 93339
Stork, J.M.C. *see* Cressler, J.D. 62702
Stork, J.M.C. *see* Cressler, J.D. 93355
Stork, J.M.C. *see* Harame, D.L. 61658
Stork, J.M.C. *see* Harame, D.L. 71770
Stork, J.M.C. *see* Harame, D.L. 93579
Stork, J.M.C. *see* Zanoni, E. 62725
Storkfelt, N. *see* Jepsen, K.S. 63789
Storm, R. *see* Berglund, S. 54239
Storment, C.W., Borkholder, D.A., Westerlind, V., Suh, J.W., Maluf, N.I., Kovacs, G.T.A. Flexible, dry-released process for aluminum electrostatic actuators 83530
Storment, C.W. *see* Kovacs, G.T.A. 76983
Stormer, J. *see* Willutzki, P. 87666
Stormont, D.P., Welgan, R. Risk management for the B-1B computer upgrade 88902
Stormont, R.W. *see* Kalejs, J.P. 100634
Storms, A.D. Upgrading power switchgear with solid-state trip devices 78740
Storn, R. Radix-2 FFT-pipeline architecture with reduced noise-to-signal ratio 49452
Stornetta, S. *see* Brothers, L. 96563
Storozhev, A.V. *see* Bulgakov, Yu.I. 53543
Storrs, M., Mehrl, D.J. Detection of spatial derivatives of images using spatiotemporal techniques 98085
Storrs, R. EMC standards update 51136
Storrs, R. Development of the generic standards 73367
Storvik, G. A Bayesian approach to dynamic contours through stochastic sampling and simulated annealing 95718
Story, G.A. *see* Blahut, D.E. 86775
Storz, F. *see* Verdiell, J.-M. 86362
Storz, F.G. *see* Mendonca, C.A.C. 93154
Storz, G. *see* Feilhauer, H. 86392
Storz, R. *see* Manchanda, L. 93617
Storz, R.H. *see* Manchanda, L. 62854
Storzer, H.D., Beyer, A. Modeling of three-dimensional magnetic fields of magnetized bodies 73203
Storzer, H.D. *see* Heitbrink, A. 64118
Stoten, D.P., Harkness, J. Identification and control of non-linear plants using Walsh functions 95418
Stothert, A., Macleod, I.M. Feature extraction for real-time expert systems 95873
Stott, A.L. *see* Bidin, A.R. 87089
Stott, A.L. *see* Xie, C.G. 98359
Stott, A.L. *see* Yang, W.Q. 61597
Stott, A.L. *see* Yang, W.Q. 66644
Stott, J.R.R. *see* Viveash, J.P. 67672
Stott, J.R.R. *see* Viveash, J.P. 99087
Stotz, J. The integration of the high voltage network of the new Federal Laender into the West German interconnected network 68123
Stoudt, D.C., Brinkmann, R.P., Roush, R.A., Mazzola, M.S., Zutavern, F.J., Loubriel, G.M. Effects of 1-MeV neutron irradiation on the operation of a bistable optically controlled semiconductor switch (BOSS) 63552
Stouraitis, T. Analogue- and binary-to-residue conversion schemes 49503
Stouraitis, T. *see* Karayiannis, Y.A. 48719
Stouraitis, T. *see* Soudris, D. 70402
Stout, K.J. *see* Mainsah, E. 79443
Stout, M.G., Salmon, L.G., Rudolph, G.L., Martinez, T.R. A multi-chip module implementation of a neural network 48674
Stovbun, S.V. *see* Kashkarov, L.L. 88077
Stove, A.G. *see* Relph, B.M. 69181
Stover, G., Reginato, L. Design and preliminary results for a fast bipolar resonant discharge pulser using SCR switches for driving the injection bump magnets at the ALS 67190
Stover, R.J., Brown, W.E., Gilmore, D.K., Wei, M. Characterization of a 4 K×2 K three-side buttable CCD 66477
Stowe, J.D. Gauging the benefits and costs of automated billing 78008
Stowell, S. *see* O'Day, M.E. 79989
Stowers, J.P., Wood, N.D., Rowley, R.M. VXI interface connector assemblies 87025
Stoyakov, V.P. *see* Dorofbichik, A.N. 99595
Stoyanov, B.J., Farrell, R.A., Bird, J.F. Asymptotic expansions of integrals of two Bessel functions via the generalized hypergeometric and Meijer functions 69886
Stoyanov, N.D. *see* Andreev, S.K. 66528
Stoyanov, N.D. *see* Andreev, S.K. 66553
Stoyanov, N.D. *see* Popova, L.I. 66554
Straalen, A.van *see* van Straalen, A.
Stracca, G.B. *see* Macchiarella, G. 70836
Strachota, J. *see* Guenther, S. 53098
Strachotinsky, C. *see* Ambrosi, P. 67652
Strack, H. *see* Hille, P. 87155
Strack, P.H. *see* Pfaffle, H. 89549
Strada, S. *see* De Nicolao, G. 64516
Strahle, S., Geiger, D., Henle, B., Kohn, E. Drift region characteristics of InP-based HEMT devices evaluated by a simple drift region model 56033
Strahle, S., Henle, B., Mittermeier, E., Erben, U., Rees, P.K., Kohn, E. Two layer stepped-QW channel HFETs on InP-substrate 62903
Strahle, S. *see* Kohn, E. 61921
Strait, J. *see* Jaffery, T.S. 76656
Strait, J. *see* Wake, M. 87685
Strakhov, B.E. *see* Kritskii, V.G. 89482
Stralen, M.J.N.van *see* van Stralen, M.J.N.
Stralen, N.A.Van *see* Van Stralen, N.A.
Strampe, C. The use of ASIC in complex image processing tasks 57855
Strand, J., Taxt, T. Local frequency features for texture classification 84936
Strand, S.-E. *see* Ljunggren, K. 88440
Strand, T., McNutt, P. Installation and preliminary evaluation of six photovoltaic stand-alone area lighting systems 90639
Strand, T. *see* Mrig, L. 90419
Strand, T. *see* Roeske, F. 67727
Strand, T.C., Werlich, H. Aberration limits for annular Gaussian beams for optical storage 63345
Strandem, A., Lykkebo Thomsen, P., Jansson, B. Skagerrak 3 HVDC intertie adds 440 MW in two years 89202
Strandem, A. *see* Canelhas, A. 68901
Strang, G. Wavelets 84485
Strang, G., Strela, V. Orthogonal multiwavelets with vanishing moments 57579
Strang, G., Strela, V. Orthogonal multiwavelets with vanishing moments 74040
Strang, W.M., Westfall, R.M., Darlington, A.N., Drum, P.R., Fulton, D., Guro, E., Huddleston, J.D., III, Kaschalk, T.L., Latham, J.R., Marsh, W.J., McDonald, M.J., Moran, R.J., Pettigrew, R.D., Taylor, R.P., Tengdin, J.T. Distribution line protection practices industry survey results 89255
Strange, A., Arambepola, S.L., Flavin, A.J., Stevenson, A., Thompson, P.T. Carriage of SDH over satellite systems 86248
Strange, C.L. Planning writing projects: lessons from "The Last Place on Earth" 90825
Strange, W.P. *see* Howard, A.J. 94745
Stranges, N., MacKay, D.K., Findlay, R.D. Iron losses in AC machines due to rotational flux conditions 89839
Stranges, N. *see* Findlay, R.D. 89998
Strangeways, H. *see* Zatman, M. 95456
Strass, A. Milestone in the development of the semiconductor laser: 'quantum well' concept brings significantly improved properties 83149
Strass, H. Principles of ATM (Asynchronous Transfer Mode) 96154
Strassberg, D. A surfeit of power-supply voltages plagues designs of compact products 61680
Strassberg, D. On-chip debug: panacea? No. Useful? Yes 80372
Strassberg, D. ASIC test: it's a new ball game 93555
Strasser, A., Fang, R., Kuntz, F. Improvement of electron beam shape control in radiation processing 59025
Strasser, A., Kuntz, F. A multipurpose irradiation facility 76720
Strasser, E., Schrom, G., Wimmer, K., Selberherr, S. Accurate simulation of pattern transfer processes using Minkowski operations 49880
Strasser, G., Schmitt, J.P.M., Bader, M.E. Vacuum processing issues in sputtering and PECVD 61369
Strasser, T.A., Gupta, M.C. Grating coupler dispersion compensation with a surface-relief reflection grating 56387
Strassmann, H. Radio broadcast CIM-systems—from music data base to transmission 97557
Strassmann, H. Digital radio studios and computer-based transmission: consequences on training 97562

Stratakos, A.J., Sanders, S.R., Brodersen, R.W. A low-voltage CMOS DC-DC converter for a portable battery-operated system 91887
Stratbucker, R.A. *see* Panescu, D. 77057
Stratford, K., Beeby, J.L. On the motion of a wave packet in a model lateral superlattice potential 93034
Strating, G. *see* van der Wijk, A. 54481
Stratman, R.H. Development of an integrated network manager for heterogeneous networks using OSI standards and object-oriented techniques 85528
Stratmann, R. *see* Dahmen, M. 87984
Stratton, A. Towards a global navigation system 65946
Stratton, R.P. Competing globally: how to be a player without losing the company 79215
Straub, A. Boundary element modeling of a capacitive probe for in situ soil moisture characterization 77502
Straube, B. *see* Vermeiren, W. 49102
Straube, M., Wilkes, W., Schlageter, G. HANDICAP—a system for design consulting 49101
Straube, W.L. *see* Moros, E.G. 98946
Strauch, R.G. *see* Clifford, S.F. 53540
Strauch, R.G. *see* McAfee, J.R. 88760
Straumann, T., Monich, G. Influence of antenna element coupling in SAIR array antennas with different types of element 58486
Strauss, A.M. *see* Cook, G.E. 69272
Strauss, C.E.M. Synthetic-array heterodyne detection: a single-element detector acts as an array 98005
Strauss, G., Menzel, W. A novel concept for MM-wave MMIC interconnects and packaging 92584
Strauss, L. *see* Bierhoff, R. 68126
Strauss, R. Reliability of SSPA's and TWTA's 49749
Strauss, S. Focus of nuclear activity shifts to Asia 78316
Strauss, S.D. An aging nuclear fleet spotlights steam generator management 78286
Strauss, T. Perspectives on interruptible electric tariffs 59872
Strauss, T. *see* Dunn, C. 61695
Straver, J., Toker, O., Weilhammer, P., Colledani, C., Dulinski, W., Turchetta, R., Bosisio, L. One micron spatial resolution with silicon strip detectors 88089
Straw, A., Da Cunha, A., Balkan, N., Vickers, A.J. Electric field profiling in 2D semiconductors exhibiting electrical instabilities 62277
Straw, A. *see* da Cunha, A. 62278
Straw, A. *see* Dottling, R. 62276
Strawbridge, F. *see* Scott, R.F. 88739
Strawser, R.E., Nguyen, B.T., Kazimierczuk, M.K. Analysis of a buck PWM DC-DC converter in discontinuous conduction mode 80099
Straznicky, J. *see* Kocot, C. 72609
Straznicky, J. *see* Tan, T.S. 72606
Strbac, G. *see* Geric, L. 79041
Strbac, G. *see* Nahman, J. 78083
Strebel, B. *see* Braun, R.-P. 58269
Strebel, B. *see* Keil, N. 50548
Strebel, B. *see* Keil, N. 86025
Strebkov, D.S. Development of solar energy in Russia 99820
Strecker, N. *see* Fichtner, W. 93299
Streekstra, W. *see* te Lintelo, H. 50230
Street, A. *see* Ross, J. 94013
Street, A.G. *see* Martin de Sterke, C. 82539
Street, A.M., Edwards, D.J. High dynamic range swept time delay crosscorrelator 95473
Street, A.M. *see* Jenkins, A.P. 52454
Street, H. *see* Halbleib, L. 100435
Street, H.M., Kettler, D.J. Utilizing the Nanticoke generating system life management unit investment planning system 78380
Street, N. Managing next generation services 65156
Street, R. *see* Folks, L. 60947
Street, R. *see* Folks, L. 82240
Street, R.A. *see* Wu, X.D. 66470
Streetman, B.G. *see* Block, T.R. 91509
Streetman, B.G. *see* Gwo, S. 93228
Streetman, B.G. *see* Hansing, C.C. 50825
Streetman, B.G. *see* Murtaza, S.S. 50906
Streetman, B.G. *see* Shih, Y.C.A. 55596
Strefezza, M., Kobayashi, H., Fujikawa, K., Dote, Y. Fuzzy robust control for AC drive system 100817
Strefezza, M. *see* Dote, Y. 78561
Strefezza, M. *see* Dote, Y. 100799
Strefezza, M. *see* Suyitno, A. 78870
Strehlow, P. Low temperature glass capacitance sensors 98339
Strehmel, B., Anwand, D., Wetzel, H. Characterization of photochemical cured acrylates with calorimetric methods 79991
Strehmel, B. *see* Strehmel, V. 79990
Strehmel, K. *see* Weiner, R. 48860
Strehmel, V., Strehmel, B., Trempler, J. Photochemical curing of epoxies in the liquid-crystalline state 79990
Streibl, N. *see* Schwider, J. 50543
Streicher, O. *see* Belolaptikov, I.A. 59156
Streif, R. *see* Rao, V. 92851
Streil, T., Klinke, R., Erlebach, A., Hubler, P., Kluge, W., Kuck, H., Zimmer, G. New alpha radiation detection systems for environmental surveys 58691
Streit, D. *see* Huei Wang 49668
Streit, D. *see* Lai, R. 92521
Streit, D. *see* Wang, H. 92543
Streit, D. *see* Wang, H. 92614
Streit, D.C. *see* Chang, C.E. 93344
Streit, D.C. *see* Kobayashi, K.W. 49658
Streit, D.C. *see* Kobayashi, K.W. 55434
Streit, D.C. *see* Kobayashi, K.W. 80700
Streit, D.C. *see* Kobayashi, K.W. 80734
Streit, D.C. *see* Kobayashi, K.W. 80762
Streit, D.C. *see* Kobayashi, K.W. 80815
Streit, D.C. *see* Kobayashi, K.W. 92560
Streit, D.C. *see* Kobayashi, K.W. 92588
Streit, D.C. *see* Kwon, Y. 49662
Streit, D.C. *see* Lai, R. 70913
Streit, D.C. *see* Laskar, J. 80694
Streit, D.C. *see* Meshkinpour, M. 93496
Streit, D.C. *see* Umemoto, D.K. 92623
Streit, D.C. *see* Youngwoo Kwon 55432
Streit, P. *see* Johnson, C.M. 55939
Streitmatter, R.E. *see* Hof, M. 67310
Streker, E. *see* Sitas, V.I. 99823
Strela, V. *see* Strang, G. 57579
Strela, V. *see* Strang, G. 74040
Strel'chuk, A.M. *see* Andreev, A.N. 93360
Strel'chuk, A.M. *see* Andreev, A.N. 93514
Strel'chuk, A.M. *see* Anikin, M.M. 71726
Strel'chuk, A.M. *see* Anikin, M.M. 91424
Strelkov, G.M., Santalov, N.P. Numerical simulation of the propagation of a narrowly beamed radio beam through tropospheric waveguides 57120
Strelkov, M. *see* Androsov, V. 76390
Strelkov, M. *see* Bar'yakhtar, V. 67407
Strelkov, M. *see* Efimov, S. 76546
Strelkov, M.A. *see* Gladkikh, P.I. 66899
Strelkov, M.T. *see* Tonkal', V.E. 91685
Strelkov, P.S. *see* Loza, O.T. 81143
Strelkov, P.S. *see* Shkvarunets, A.G. 81147
Strel'nitskij, V.E. *see* Aksenov, I.I. 70096
Strel'tsov, A.Yu. *see* Ismailov, M.M. 52802
Strel'tsov, A.Yu. *see* Ismailov, M.M. 53081
Strempel, T.K. *see* Frank, W.F.X. 56408
Stresewski, J.E. *see* Mitas, D.W. 89575
Stretton, M., Bowdler, D., Conway, J., Swiontek, D., Morris, J., Wachter, J. The effect of variations in operator proficiency on ASW combat system performance 99409
Streubel, K., Wallin, J., Landgren, G., Ohländer, U., Lourdudoss, S., Kjebon, O. Importance of metalorganic vapor phase epitaxy growth conditions for the fabrication of GaInAsP strained quantum well lasers 83155
Streubel, K., Wallin, J., Landgren, G., Zhu, L., Olander, U., Lourdudoss, S., Kjebon, O. High quality strained GaInAsP/GaInAsP quantum well laser structures grown by metal organic vapor phase epitaxy 56792
Streubel, K. *see* Babic, D.I. 56741
Streubel, K. *see* Babic, D.I. 56808
Streubel, K. *see* Lourdudoss, S. 56817
Streubel, K. *see* Varga, D. 56812
Strey, M. *see* Dannowski, K. 73324
Striby, S. *see* Ghis, A. 66351
Striby, S. *see* Iracane, D. 72927
Strick, L., Meinkohn, J. Specifying pan-European management systems 96511
Strickel, M., Taflove, A., Umashankar, K. Finite-difference time-domain formulation of an inverse scattering scheme for remote sensing of conducting and dielectric targets. II. Two dimensional case 53553
Stricker, S.A. *see* Azimi-Sadjadi, M.R. 58641
Strickland, D. *see* Hillegas, C.W. 56836
Strickland, P., Nachbor, S. 'Production experience using a closed-loop membrane system for a semi-aqueous inline for cleaning avionics equipment' 81066
Strickland, P. *see* Nachbor, S. 92765
Strickland, P.C. Array and element design for complementary large-volume power deposition patterns in microwave heating 69229
Strickland, R.N. *see* Ford, R.M. 96052
Strickler, J.H. Data transfer rates and parallelism of two-photon memories 56315
Striffler, C.D. *see* Calame, J.P. 55512
Striffler, C.D. *see* Calame, J.P. 76376
Striffler, C.D. *see* Calame, J.P. 81156
Striffler, C.D. *see* Lawson, W. 76377
Strifler, W.A., Pugh, B.T., Remba, R.D. Shot noise in GaAs metal semiconductor field effect transistors with high gate leakage current 70878
Strifors, H.C., Gaunaurd, G.C., Brusmark, B., Abrahamson, S. Transient interactions of an EM pulse with a dielectric spherical shell 58476
Strigin, M., Chudinov, A. Laser processing of glass by picosecond pulses 90952
Strigina, E.V. *see* Belyavskaya, T.G. 64526
Strijbos, R.C., Dijkstra, J.E., Lok, J.G.S., Schets, S.I., Wenckebach, W.T. Effects of sample shape in p-Ge 'hot-hole' lasers 63751
Strijbos, R.C., Lok, J.G.S., Wenckebach, W.T. A Monte Carlo simulation of mode-locked hot-hole laser operation 82988
Strik, Ya. Limit results for switching Markov queues with finitely many sources 79536
Strikha, V.I. *see* Shul'ga, A.A. 87310
Strikhanov, M.N. *see* Baublis, V.V. 59244
Strikwerda, J.C. *see* Mukherjee, A. 65048
Stril'chuk, O.N. *see* Batin, V.V. 72835
Stril'chuk, O.N. *see* Kamuz, A.M. 72534
Stril'chuk, O.N. *see* Kamuz, A.M. 72951
Stril'chuk, O.N. *see* Kiyashko, S.D. 72409
Stringfellow, B.C. *see* Hauger, A. 55872
Stringfellow, G.B. *see* Hill, C.W. 54918
Stringfellow, G.B. *see* Shin, J. 79864
Stringfellow, G.B. *see* Su, L.C. 61274
Stringfellow, G.B. *see* Su, L.C. 70032
Stringfellow, G.B. *see* Su, L.C. 91428
Stringfellow, M.F. *see* Monk, G. 58210
Stringfellow, S.B. *see* Whatmore, R.W. 58761
Stringfield, R. *see* Fazio, M. 76844
Stringfield, R.M., Wheat, R.M., Brown, D.J., Fazio, M.V., Kinross-Wright, J., Carlsten, B.E., Rodenz, G., Faehl, R.J., Hoeberling, R.F. Large orbit gyroklystron development at Los Alamos 71045
Strintzis, M.G. *see* Diamantaras, K.I. 74270
Strintzis, M.G. *see* Kondis, L. 76907
Strintzis, M.G. *see* Nikolaidis, N. 95688
Strintzis, M.G. *see* Tzovaras, D. 76908
Strite, S. *see* Morkoc, H. 81752
Stritzker, B. *see* Hessmer, R. 82116
Stritzker, B. *see* Schreck, M. 69934
Strizshevskii, V.L. *see* Amerov, A.K. 73046
Strmcnik, B., Gubina, F. Voltage phasors approach to voltage instability in distribution systems 61552
Strobach, P. Two-fold normalized square-root Schur RLS adaptive filter 64441
Strobach, P., Abraham-Fuchs, K., Harer, W. Event-synchronous cancellation of the heart interference in biomedical signals 67536
Strobach, P., Goryn, D. A computation of the sliding window recursive QR decomposition 84391
Strobel, G.L. *see* Eder, D.C. 63677
Strobi, G. *see* Zazoui, M. 90396
Strobl, K. *see* Zuclich, J.A. 67464
Strochuk, D.V. *see* Petrenko, Yu.N. 60511
Stroele, A.P. Signature analysis for sequential circuits with reset 49302
Stroele, A.P. *see* Hess, C. 79459
Stroet, P.M. *see* Klumperink, E.A.M. 93650
Stroetzel, J. *see* Gardan, D. 86382
Stroeve, S.H., Franken, H.M., Veltink, P.H., Van Luenen, W.T.C. Adaptive neural network control of FES-induced cyclical lower leg movements 53460
Stroganov, V.V. Correlation of millimeter-band radio-wave attenuation in cloud and rain parts of cloud-rain system 64147
Stroganova, E.P. *see* Nikiforov, V.V. 55951
Strogova, E.O. *see* Andreev, V.M. 50680
Stroh, R. *see* Pribat, D. 58930
Strohbehn, J.W. Hyperthermia equipment evaluation 59398
Stroher, H. *see* Gabler, A.R. 67416
Strohkendl, F.P., Files, D.T., Dalton, L.R. Highly stable amplification of femtosecond pulses 56698
Strohm, K.M. *see* Luy, J.-F. 80868
Strohm, K.M. *see* Presting, H. 80748
Strohmaier, R. *see* Ludwig, C. 69938
Strohmer, T. *see* Feichtinger, H.G. 85165
Strohrmann, G. ATP market analysis of mass and volume flow measurements. I 76261
Strohrmann, M., Bley, P., Fromhein, O., Mohr, J. Acceleration sensor with integrated compensation of temperature effects fabricated by the LIGA process 66189
Strohschein, J.D. *see* Yelden, E.F. 82913
Strojwas, A. *see* Read, H.C. 50083
Strojwas, A.J. *see* Collins, D.J. 61347
Strojwas, A.J. *see* Johnson, M. 55907
Strojwas, A.J. *see* Koval, V. 91711
Strojwas, A.J. *see* Lucas, K. 62617
Strojwas, A.J. *see* Lucas, K.D. 71497
Strojwas, A.J. *see* Michaels, K.W. 49092
Strokach, A.P. *see* Shmal'ko, Yu.F. 76742
Strokan', G.P. *see* Savranskii, V.V. 63644
Strokan, N. *see* Li, Z. 76763
Strokan, N.B. *see* Eremin, V.K. 59144
Strokan, N.B. *see* Eremin, V.K. 88146
Strokan, N.B. *see* Verbitskaya, E.M. 58995
Stroke, H.H. *see* Zhou, J.W. 98538
Strole, A. *see* Hess, C. 50070
Strolin, P. *see* Buontempo, S. 53296
Strolin, P. *see* Buontempo, S. 87987
Strolin, P. *see* Buontempo, S. 98502
Strollo, A.G.M. Modeling pentode-like characteristics of recessed-gate static induction transistor 50035
Strollo, A.G.M. Calculation of power diode reverse-recovery time for SPICE simulations 71578
Strollo, A.G.M. Comments on "Theoretical analysis of current gain of normally-off junction type field-effect transistor" 71723
Strollo, A.G.M., Spirito, P. A new PiN diode modelling approach for power electronic PSPICE simulations 93317
Strom, A. *see* Chen, Z.J. 49026
Strom, B.D., Bogy, D.B., Walmsley, R.G., Brandt, J., Bhatia, C.S. Tribochemical wear of carbon films in oxygen 93882
Strom, D. Reality check on wireless data services 74934

Strom, D. *see* Anderson, B.E. 88246
Strom, D. *see* Arodzero, A. 59076
Strom, D.J. *see* Selby, J. 99009
Strom, E.G., Miller, S.L. A reduced complexity adaptive near-far resistant receiver for DS-CDMA 86059
Strom, S. *see* He, S. 73308
Stromswold, E.I. *see* Pratt, R.E. 49029
Stronach, A.F., Vas, P., Lees, P. The application of a multi-loop self-tuning digital controller to an electromechanical drive 60501
Stronach, A.F. *see* Vas, P. 60503
Stronach, A.F. *see* Vas, P. 60508
Stronczer, J.J. *see* Grider, D.E. 63024
Strong, R. *see* Greve, D.W. 91483
Strong, T.D. *see* Ososanya, E.T. 80378
Strongin, M. *see* Anashin, V.V. 98393
Stronski, A.V. *see* Kostioukevitch, S.A. 56316
Stronski, A.V. *see* Romanenko, P.F. 73141
Stroppiana, M. *see* Barbero, M. 66032
Stroppiana, M. *see* Cerruti, G. 58586
Stropus, V.V. *see* Puzyrev, E.M. 89659
Stroscio, M.A. *see* Gaska, R. 81270
Stroscio, M.A. *see* Grubin, H.L. 62913
Strosnider, J.K. *see* Sathaye, S.S. 58149
Strother, S.C. *see* Xu, X.-L. 59334
Strother, S.C. *see* Xu, X.-L. 88461
Strott, A. Mask manufacturing improvement through capability definition and bottleneck line management 60817
Stroucken, M., Wingelaar, K. Electronic mail: good transmission is half the work 96567
Stroud, C.E. *see* Crane, F.E., III 62935
Stroud, M.A.M. *see* Wilson, A. 66548
Stroud, R.W., Rhodes, W.T. Comparison of diffraction efficiencies for single-exposure and unity-contrast multiple-exposure holograms 64032
Stroumboulis, S. *see* Cheshmehdoost, A. 58690
Stroynowski, R. *see* Deis, G. 87958
Stroynowski, R. *see* Heim, J. 88070
Strub, R. *see* von Apeldoorn, G. 88116
Struble, C.L., Witte, L.C. An in situ technique for measuring heat transfer from a power transistor to a boiling liquid 69573
Struble, D. *see* Roark, C. 59648
Struble, W., Platzker, A., Nash, S., Pla, J. A new small signal MESFET and HEMT model compatible with large signal modeling 81973
Struble, W. *see* Tsai, M.C. 80198
Struble, W. *see* Tsai, M.C. 80812
Struck, C.J., Temme, S.F. Simulated free field measurements 97724
Struckmeier, J. *see* Franzke, B. 76402
Struijk, J.J. *see* Rijkhoff, N.J.M. 67606
Struik, R. An improvement of the Van Wee bound for binary linear covering codes 95123
Struik, R. On the structure of linear codes with covering radius two and three 95189
Strum, M. *see* Porzel, R. 58624
Strumia, F. *see* Carelli, G. 56604
Strumia, F. *see* Carelli, G. 82933
Strumia, F. *see* Carelli, G. 83235
Strumper, U. New RF and microwave metrology at PTB 86854
Strumpf, H.J., Avanessian, V., Ghafourian, R. Design analysis and containment canister life prediction for a Brayton engine solar receiver for Space Station 88701
Strunk, H.P. *see* Hansson, P.O. 70023
Strunk, H.P. *see* Voigt, A. 55537
Strunk, H.P. *see* Voigt, A. 79917
Strupp, M. *see* Hein, M.A. 93944
Strusny, H. *see* Ressel, P. 81336
Struve, G. *see* Rasmussen, J. 89759
Struve, K.W. *see* Hanson, D.L. 87413
Strydom, H.J. *see* Botha, L.R. 94320
Stryi-Hipp, G., Schoenecker, A., Schitterer, K., Bucher, K., Heidler, K. Precision spectral response and I-V characterisation of concentrator cells 100475
Stryland, E.W.Van *see* Van Stryland, E.W.
Strzelec, M. *see* Iftimia, N. 99163
Strzoda, R. *see* Cremer, C. 86019
Stuart, A., Yang, E.Y. Effect of high pass filtering on the neonatal auditory brainstem response to air and bone-conducted clicks 53429
Stuart, G.C. *see* Dixit, M.S. 88014
Stuart, J.G. *see* Stuart, J.R. 99036
Stuart, J.R., Coffey, R.R., Stuart, J.G. Economics of the new smaller and shorter lifetime geostationary communications satellites 99036
Stuart, M.A., Moore, R.K. Satellite-based radar wind sounder (RAWS) optimal frequency study 77389
Stuart, M.E. *see* Young, A.T. 76304
Stuart, P.R. Progress report on an international intercomparison in the pressure range 10 kPa to 140 kPa 66750
Stuart, P.R. Measurement uncertainties of U-tube manometers and pressure balances 66754
Stuart, T. *see* Shimabukuro, R.L. 63493
Stubb, H. *see* Ahlskog, M. 81867
Stubbe, M. *see* de Wergifosse, C. 53671
Stubblebine, S.G., Gligor, V.D. Protocol design for integrity protection 52086
Stubbs, G. Defining a North American digital television system: Beyond MPEG 2 97635
Stubbs, M.G. *see* Frlan, E. 50960
Stubbs, M.G. *see* Frlan, E. 80659
Stubenrauch, C.F. *see* Gillespie, E.S. 83825
Stuber, G.L. *see* Austin, M.D. 58337
Stuber, G.L. *see* Austin, M.D. 75331
Stuber, G.L. *see* Austin, M.D. 75351
Stuber, G.L. *see* Barghouthi, R.T. 58292
Stuber, G.L. *see* Katz, E. 73769
Stuber, G.L. *see* Nogami, H. 51370
Stuber, G.L. *see* Wern-Ho Sheen 57358
Stuber, G.L. *see* Wern-Ho Sheen 58291
Stuber, W. The calibration of oscillators using the DCF 77 carrier frequency 53013
Stubkjaer, K.E. *see* Braagaard, C. 72665
Stubkjaer, K.E. *see* Braagaard, C. 72881
Stubkjaer, K.E. *see* Bruun, M. 70922
Stubkjaer, K.E. *see* Bruun, M. 92612
Stubkjaer, K.E. *see* Gabriagues, J.M. 97301
Stubkjaer, K.E. *see* Jepsen, K.S. 63789
Stubkjaer, K.E. *see* Nielsen, T.N. 97271
Stubkjaer, K.E. *see* Wang, Z. 50762
Stublen, A.P. *see* Bates, C.M. 54348
Stubley, P.R. On the redundancy of optimum fixed-to-variable length codes 57404
Stubley, P.R. Adaptive variable-to-variable length codes 57405
Stubos, A.K., Kanellopoulos, N., Mitropoulos, A. Network modelling of two-phase flow in porous structures: an alternative for the study of chip cooling enhancement 79430
Stucchi, E. *see* Brioschi, F. 72760
Stucchi, E. *see* Fantini, V. 72957
Stuchly, M.A. *see* Esselle, K.P. 59421
Stuchly, M.A. *see* Weiguo Xi 77088
Stuchly, M.A. *see* Weiguo Xi 98996
Stuchly, S.S. *see* Anderson, J. 87103
Stuchly, S.S. *see* Anderson, J.M. 98262
Stuck, B.W. Centrex keeps on going and going 74793
Stucki, F. Injection of a minimal space charge as mechanism for the initial phase of electrical polymer degradation 50116
Stucki, H. *see* Steinbach, Ch. 66941
Stucki, P. *see* Ohnesorge, K.W. 74527
Studd, W.B., Johnston, P.N., Bubb, I.F., Leech, P.W. Studies of MOCVD grown HgCdMnTe by ion beam and related techniques 48929
Studenikin, P.A. *see* Morris, P.J. 94431
Studenmund, W.R. *see* Chang, F.C. 87521
Studenmund, W.R. *see* Terris, B.D. 72296
Studeny, M. *see* Lachout, P. 61113
Studer, B. Secure network management: integration of security mechanisms into network management protocols 52005
Studer, C. Modelling of flexible but secure telecommunications networks. II. Network management 58075
Stueflotten, S., Espeseth, E. Fibre optic cables for the offshore oil and gas industry 86511
Stuehm, D.L. *see* Mork, B.A. 68208
Stuetzle, W. *see* Hoppe, H. 54801
Stuff, M.A., Sullivan, R.C., Thelen, B.J., Werness, S.A.S. Automated two and three dimensional, fine resolution, radar imaging of rigid targets with arbitrary unknown motion 75626
Stufflebeam, J.L., Waldie, A.H., Qualtrough, J.A., Soules, D.B., Ambrose, J.G., Reed, M.F. Continuous real time digital data acquisition with high resolution visible and infrared CCD cameras 66137
Stuke, M. *see* Lehmann, O. 91628
Stuke, M. *see* Preuss, S. 93183
Stuken, D. *see* Kampert, K.-H. 98503
Stulen, R.H. *see* Tichenor, D.A. 81591
Stulens, H. *see* D'Haeger, V. 80957
Stuller, J.A. *see* Jenq-Tay Yuan 64444
Stultz, R.D. *see* Yen-Kuang Kuo 94400
Stulz, L.W. *see* Dentai, A. 56510
Stulz, L.W. *see* Zirngibl, M. 52598
Stulz, L.W. *see* Zirngibl, M. 86409
Stulz, L.W. *see* Zirngibl, M. 86475
Stumer, I. *see* Benary, O. 53327
Stumer, I. *see* Benary, O. 98517
Stumer, I. *see* Benary, O. 98640
Stumm, J. *see* Nene, M. 78377
Stummer, B., Volejnik, W. Steady clock guarantees transmission quality 96403
Stump, K., Sr. *see* Tyll, H.K. 68050
Stumpe, D. *see* Buchholz, F.-I. 87494
Stumpel, J. *see* De Bievre, P. 86980
Stumpel, J. *see* Seyfried, P. 86967
Stumper, U. International comparison GT-RF 75 A 11: RF power at 12 GHz, 14 GHz and 17 GHz in 50 Ω coaxial line 58621
Stumper, U. International comparison GT-RF 75A4: reflection coefficient in 14 mm/50 ohm coaxial line at 0.5 GHz, 3 GHz and 7 GHz 87463
Stumper, U. *see* Birch, J.R. 76149
Stumper, U. *see* Meyer, H.-G. 66112
Stumper, U. *see* Vollmer, E. 86867
Stuntebeck, P.H. *see* Bosco, H.L. 52223
Stupakov, G.V., Kauffmann, S.K. Echo effect in accelerators 66900
Stupfel, B. Absorbing boundary conditions on arbitrary boundaries for the scalar and vector wave equations 73303
Stupp, H. *see* Hornung, M. 92920
Stupp, S.E., Middleton, B.K., Virkovsky, V.A., Miles, J.J. Theory of recording on media with arbitrary easy axis orientation 50325
Sturges, J. A quantitative approach to benchmarking programmable logic architectures 70396
Sturhahn, W. *see* Mooney, T.M. 88294
Sturim, D. *see* Halfin, M. 95563
Sturim, D. *see* Plaza, D.J. 95558
Sturm, A. Condition-oriented maintenance of power plants 78389
Sturm, B. *see* Schmidtchen, U. 90884
Sturm, J. *see* Feldmann, K. 62009
Sturm, J.C., St. Amour, A., Qun Mi, Lenchyshyn, L.C., Thewalt, M.L.W. High temperature (77-300 k) photo- and electroluminescence in $Si/Si_{1-x}Ge_x$ heterostructures 63554
Sturm, J.C. *see* Higgs, V. 81320
Sturm, J.C. *see* Jimenez, J.R. 62654
Sturm, J.C. *see* Liu, C.W. 70110
Sturm, J.C. *see* Liu, Y.M. 72640
Sturm, J.C. *see* Matutinovic-Krstelj, Z. 93340
Sturm, J.C. *see* Schwartz, P.V. 54822
Sturm, J.C. *see* Xiao, X. 66483
Sturm, M. *see* Brunner, M. 54485
Sturm, W. *see* Guttenberger, M. 57272
Sturman, B.I. *see* Webb, D.J. 56292
Sturman, D. *see* Agha, G. 85341
Sturrock, J.C., Cohen, S., Weintraub, B.L., Hayden, D.J., Archuletta, S.F. Testing and interfacing intelligent power supplies for the Los Alamos National Laboratory Accelerator Complex 76825
Sturtevant, J., Holme, S., VanKessel, T., Miller, M., Mellichamp, D. Use of scatterometric latent image detector in closed loop feedback control of linewidth 81704
Sturtevant, J., Holmes, S., Knight, S., Poley, D., Rabidoux, P., Somerville, L., McDevitt, T., Stamper, A., Valentine, E., Conley, W., Katnani, A., Fahey, J. Substrate contamination effects in the processing of chemically amplified DUV photoresists 71515
Sturtevant, J. *see* Brunsvold, W. 81641
Sturtevant, J. *see* Conley, W. 81650
Sturtevant, J. *see* Fahey, J. 81648
Sturz, H. *see* Frohberg, W. 57947
Sturza, M.A. The Teledesic satellite system 75357
Stutman, D. *see* Regan, S.P. 63565
Stutt, M.E. *see* Rehder, R.H. 60169
Stutte, L. *see* Pommot Maia, M. 59128
Stuttgen, H.J. *see* Graf, M. 85531
Stutz, C.E., Jogai, B., Look, D.C., Ballingall, J.M., Rogers, T.J. Electrochemical capacitance-voltage analysis of delta-doped pseudomorphic high electron mobility transistor material 55555
Stutz, C.E. *see* Look, D.C. 71718
Stutz, C.E. *see* Look, D.C. 79787
Stutzin, G.C. *see* Young, A.T. 53272
Stutzman, W.L., Remaklus, P.W. The effect of sample rate on propagation measurements 57117
Stutzman, W.L. *see* Allnutt, R.M. 94816
Stutzman, W.L. *see* Werntz, P.C. 94981
Stutzmann, M. *see* Graeff, C.F.O. 49783
Stutzmann, M. *see* Graeff, C.F.O. 56519
Stuve, E.M. *see* Sauer, D.E. 49907
Stuwe, P. *see* Lusse, P. 51175
Stuzhnev, Yu.A. *see* Minashin, M.E. 99840
Styazhkin, P.S. *see* Kritskii, V.G. 89479
Styblinski, M.A. *see* Aftab, S.A. 93652
Styblinski, M.A. *see* Rodrigues, B.R.S. 69623
Styer, D. *see* Pace, P.E. 70691
Styer, D. *see* Pace, P.E. 82685
Stygar, W.A. *see* Fehl, D.L. 67411
Stylianopoulos, N.S. *see* Papamichael, N. 48835
Stylianou, Y. *see* Laroche, J. 84088
Stynes, M. *see* Guanfu Sun 91396
Styrikovich, M.A. Natural gas in centralised electricity and heat supply 99938
Styrikovich, M.A. Increasing the efficiency of steam-gas units that burn natural gas 99959
Su, B. *see* Nabout, A. 57818
Su, C.-C. *see* Hsu, Y.-Y. 53675
Su, C.B. *see* Peng, E.T. 50897
Su, C.B. *see* Xiaolin Lu 75468
Su, D., Hall, D.R., Jones, J.D.C. Bi-directional cladding power detection as a laser material processing monitor 83232
Su, D.-C. *see* Tsai, Y.-K. 85984
Su, G. *see* Takahashi, I. 60541
Su, G. *see* Takahashi, I. 69106
Su, J.J. *see* Barletta, B. 76636
Su, J.L. *see* Tang, D.D. 72111
Su, J.N. *see* Steckl, A.J. 93316
Su, K.W. *see* Kuo, J.B. 49363
Su, L.C., Ho, I.H., Stringfellow, G.B. Effects of substrate misorientation and growth rate on ordering in GaInP 61274
Su, L.C., Ho, I.H., Stringfellow, G.B. Kinetically controlled order/disorder structure in GaInP 70032
Su, L.C., Ho, I.H., Stringfellow, G.B. Control of ordering in $Ga_{0.5}In_{0.5}P$ using growth temperature 91428
Su, L.T., Antoniadis, D.A., Arora, N.D., Doyle, B.S., Krakauer, D.B. SPICE model and parameters for fully-depleted SOI MOSFET's including self-heating 93376
Su, L.T., Goodson, K.E., Antoniadis, D.A., Flik, M.I., Chung, J.E. Measurement and modeling of self-heating effects in SOI nMOSFETs 62816

Su, L.T., Hao Fang, Chung, J.E., Antoniadis, D.A. Hot-carrier effects in fully-depleted SOI nMOSFETs 62815
Su, L.T., Jacobs, J.B., Chung, J., Antoniadis, D.A. Deep-submicrometer channel design in silicon-on-insulator (SOI) MOSFET's 62749
Su, L.T., Jacobs, J.B., Chung, J.E., Antoniadis, D.A. Deep-submicrometer channel design in silicon-on-insulator (SOI) MOSFET's 81911
Su, L.T., Jacobs, J.B., Chung, J.E., Antoniadis, D.A. Short-channel effects in deep-submicrometer SOI MOSFETS 93466
Su, L.T., Sherony, M.J., Hang Hu, Chung, J.E., Antoniadis, D.A. Optimization of series resistance in sub-0.2 μm SOI MOSFET's 55993
Su, L.T., Sherony, M.J., Hang Hu, Chung, J.E., Antoniadis, D.A. Optimization of series resistance in sub-0.2 μm SOI MOSFET's 81910
Su, L.T., Sherony, M.J., Hang Hu, Chung, J.E., Antoniadis, D.A. Optimization of series resistance in sub-0.2 μm SOI MOSFETs 93443
Su, L.T. *see* Faynot, O. 93478
Su, L.T. *see* Hang Hu 71821
Su, L.T. *see* Sherony, M.J. 93469
Su, M. *see* Wang, S.T. 83561
Su, M. *see* Wang, S.T. 88369
Su, P., Constantinides, A.G. Variable block visual pattern image coding 85026
Su, R. *see* Xie, H. 61371
Su, R.Z. *see* Cai, W.Z. 79851
Su, R.Z. *see* Li, Z.S. 62496
Su, S.F., Bugos, A.R., Lanzisera, V., Olshansky, R. Demonstration of a multiple-access WDM network with subcarrier-multiplexed control channels 52575
Su, T., Lee, C.L., Huang, J.C.-M. Electrical and thermal modeling of a gated field emission triode 92879
Su, T.-K. *see* Wu, Q.-Z. 74514
Su, T.J. *see* Lee, C.C. 94172
Su, T.Y.-F. *see* Yeung, N.K. 92284
Su, W.J., Lidgey, F.J. New architecture high performance voltage follower 91925
Su, W.J. *see* Lidgey, F.J. 80151
Su, W.Y. *see* Kim, S.P. 84976
Su, Y. *see* Girard, A. 67262
Su, Y. *see* Melin, G. 53148
Su, Y.K., Liaw, U.H. Study of indium antimonide metal-oxide-semiconductor structure prepared by direct photochemical-vapor deposition 93069
Su, Y.K. *see* Chi, G.C. 82840
Su, Y.K. *see* Huang, C.Y. 62658
Su, Y.K. *see* Tsai, H.H. 81792
Su, Yu.T., Chang, R.C. Performance of fast FH/MFSK signals in jammed binary channels 75185
Su Chao *see* Chao Su
Su Chaochin *see* Chaochin Su
Su Chauchin *see* Chauchin Su
Su Chih-Yuang *see* Chih-Yuang Su
Su Ching-Chuan *see* Ching-Chuan Su
Su Ching-Hua *see* Ching-Hua Su
Su Chiou Tsay, Grebel, H. Holographic optical circuits 57008
Su Chiou Tsay, Grebel, H. Transverse holographic optical interconnect design 94687
Su Chun-Yi *see* Chun-Yi Su
Su Deqing *see* Lou Shuli 61897
Su Der-Chin *see* Der-Chin Su
Su Der-Song *see* Der-Song Su
Su Gao *see* Gao Su
Su Guoping *see* Zhang Qinghai 67203
Su Hyon Paek *see* Doo Sik Shin 81566
Su Hyon Paek *see* Jae Pyung Mah 71860
Su Il Boo *see* Gweon Do Jo 83940
Su Jeong-Yuan *see* Jeong-Yuan Su
Su Kim Cheol *see* Cheol Su Kim
Su Kim Myung *see* Myung Su Kim
Su Liu *see* Liu Su
Su Park Nam *see* Nam Su Park
Su Seol Byong *see* Byong Su Seol
Su Seong Dong *see* Dong Su Seong
Su Seong Dong *see* Seong Dong Su
Su Shi-Mei *see* Shi-Mei Su
Su Shun-Lin *see* Shun-Lin Su
Su Szu-Lin *see* Szu-Lin Su
Su Tian-Tsair *see* Tian-Tsair Su
Su Tong *see* Tong Su
Su Tsung-Han *see* Tsung-Han Su
Su Wei-Ming *see* Wei-Ming Su
Su Wen-Hui *see* Wen-Hui Su
Su Wen-Yu *see* Wen-Yu Su
Su Won Kang *see* Dong Wook Kang 95797
Su Xiao *see* Xiao Su
Su Yan Kuin *see* Yan Kuin Su
Su Yo-Song *see* Yo-Song Su
Su Yuhua *see* Liu Dekang 59016
Su Zhao *see* Zhao Su
Su Zhiyi *see* Sun Zhaoying 99739
Su-Guang Jian *see* Zao-Cheng Zhai 58978
Su-Jun Liang *see* Liang Su-Jun
Su-Wei Zhou, Chen Liang, Rogers, C.A. Modeling of distributed piezoelectric actuators integrated with thin cylindrical shells 93771
Su-Ying Yao *see* Weijian Xu 66517
Suarasan, I. *see* Dascalescu, L. 64109
Suard, B., Naguib, A.F., Xu, G., Paulraj, A. Performance of CDMA mobile communication systems using antenna arrays 86167
Suarez, A., Sarkissian, J.C., Sommet, R., Ngoya, E., Quere, R. Stability analysis of analog frequency dividers in the quasi-periodic regime 55433
Suarez, A. *see* Rodriguez, J. 100246
Suarez, C. *see* Mayo, J.L. 60122
Suarez, E. *see* Moron, C. 66173
Suarez, P.F. *see* Rogers, S.K. 77075
Suarez, R.M. Experiences in the development of high capacity MLC stacks 80917
Suarez-Gartner, R. *see* Rahal-Arabi, T. 80979
Suaris, P.R. *see* Kannan, L.N. 91702
Suaste, E. *see* Minor, A. 67632
Sub Choi Hong *see* Hong Sub Choi
Sub Hwang Jung *see* Jung Sub Hwang
Subasingbe-Dias, D., Feher, K. Baseband pulse shaping for $\pi/4$ FQPSK in nonlinearly amplified mobile channels 97154
Subba Ramu, M.C. *see* Jojo, P.J. 98653
Subbaiah, P.V., Chandra Mouly, M.C., Satyanarayana, A.V.V., Madhavi, K. Microwave antenna test facilities: a comparison 51223
Subbana, S. *see* Shahidi, G.G. 71790
Subbanna, S., Harame, D., Chappell, B., Comfort, J., Davari, B., Franch, R., Danner, D., Acovic, A., Brodsky, S., Gilbreth, J., Robertson, D., Malinowski, J., Lii, T., Shahidi, G. A novel borderless contact/interconnect technology using aluminum oxide etch stop for high performance SRAM and logic 92190
Subbanna, S. *see* Harame, D.L. 93579
Subbarao, E.C. *see* Jiang, Q.Y. 82141
Subbarao, G.V., Iyer, A. Variable structure control of multi-machine power system 53709
Subbarao, M., Tse-Chung Wei, Surya, G. Focused image recovery from two defocused images recorded with different camera settings 84687
Subbarao, M. *see* Tse-Chung Wei 75759
Subbarao, W.V. *see* Fernandez, I.B. 85879
Subbarayan, G., Ramakrishna, K., Sammakia, B.G., Chen, P.C. Mechanical integrity of vias in a thin-film package during manufacture, assembly, and stress-test 91020
Subbotin, S. *see* Krasnykh, A. 66793
Subbotin, V.I. *see* Matveev, V.I. 99839
Subbotin, V.I. *see* Murogov, V.M. 89539
Subhadra, K.G. *see* Ateequddin, M. 76866
Subhani, K. *see* Ambrosi, G. 53302
Subharwal, M. *see* Siddiqui, S.A. 91147
Subhash, B.G. *see* Bakhshi, S. 99932
Subias, J., Alonso, R., Villuendas, F., Pelayo; J. Wavelength selective optical fiber couplers based on longitudinal Fabry-Perot structures 72337
Subias, J. *see* Alonso, R. 87244
Subrahmanyam, A. *see* Manivannan, P. 81392
Subrahmanyam, K.V. *see* Patkar, S. 79600
Subrahmanyan, A. *see* Suresh, M.S. 68978
Subrahmanyan, R. *see* Fernandes, M.G. 62544
Subrahmanyan, R. *see* Hayden, J.D. 63040
Subrahmanyan, R. *see* Kenkare, P.U. 93660
Subrahmanyan, R. *see* Pfiester, J.R. 71803
Subrahmonia, J. *see* Keren, D. 74627
Subramaniam, P.C., Roy, S. Generalized solution of TE modes in fifth-order nonlinear dielectric media 73439
Subramaniam, S., Arkadan, A.A., Ratnajeevan Hoole, S. Optimization of a magnetic pole face using linear constraints to avoid jagged contours 83565
Subramaniam, S. *see* Abi-Ezzi, S.S. 79660
Subramanian, C. *see* Burnett, D. 70511
Subramanian, C. *see* Masory, O. 59456
Subramanian, C. *see* Venkatesan, S. 92424
Subramanian, C.K. *see* Gopalakrishnan, J. 73117
Subramanian, K. *see* Zhe Qu 88290
Subramanian, K.R. *see* Neo, L.K. 85347
Subramanian, P.S. *see* Ray-Chaudhuri, D.K. 83999
Subramanian, R., Ishide, A., Endo, N., Smith, C. Inmarsat-M portable MES 97175
Subramanian, S. *see* Balasubramanian, S. 81532
Subramanian, S. *see* Bhattacharya, D. 96888
Subramanian, S. *see* Miltersen, P.B. 70216
Subramanian, S. *see* Pohida, T.J. 87036
Subramanian, V., Pillai, K.K.J., Murali, K.R., Rangarajan, N. Lead sulfide infrared detectors 66328
Subramanya, B. *see* Ruf, C.S. 67858
Subramoniam, R., Scott, R.S., Dumin, D.J. A statistical model of oxide breakdown based on a physical description of wearout 62623
Subramoniam, R. *see* Dumin, D.J. 55670
Subramoniam, R. *see* Dumin, D.J. 62365
Subramoniam, R. *see* Dumin, D.J. 82117
Subudh, M. *see* Gunther, W.E. 68396
Such, V. *see* Cruz, J.L. 73562
Such, V. *see* Gimeno, B. 73565
Sucha, G. *see* Botkin, D. 56769
Suchanski, M.R. *see* Nichols, D.N. 66046
Suchard, H.T. Telecommunications marketing strategy: The case of Australian 0055 numbers 96548
Suche, H. *see* Brinkmann, R. 50572
Suche, H. *see* Brinkmann, R. 94389
Sucher, R.W. *see* Adams, J.W. 95609
Suchkov, A.F. *see* Vasil'ev, B.I. 94328
Suchkov, S.I. *see* Ulin, S.E. 88134
Suchomel, J. Safety culture in the operation of nuclear power plants in CSFR 78338
Suchomel, J., Maron, V., Zatlkajova, H. Evaluation of the safety of Czechoslovak NPPs in 1992 78334
Suck Rim Chong *see* Chong Suck Rim
Suckewer, S. *see* Polonsky, L. 50737
Suckrow, S. Transmitting antennas for E-Netz base stations 86131
Sud, S. *see* McGillis, D. 68029
Suda, H., Ikeda, K., Ikedo, J. Error protection and speech enhancement schemes of PSI-CELP 57418
Suda, H. *see* Ohya, T. 57419
Suda, J., Kawakami, Y., Fujita, S., Fujita, S. Gas-source molecular beam epitaxial growth of (Zn,Mg)(S,Se) using bis-methylcyclopentadienyl-magnesium and hydrogen sulfide 48940
Suda, T. *see* Huang, H.K. 52176
Suda, T. *see* Kakishita, K. 69968
Suda, T. *see* Kakishita, K. 91566
Suda, T. *see* Kim, J.B. 96820
Suda, T. *see* Nishibe, Y. 74638
Suda, T. *see* Takine, T. 74684
Suda, T. *see* Vickers, B.J. 74986
Sudakov, B. *see* Alon, N. 69717
Sudan, M. *see* Motwani, R. 91243
Sudano, J.J. A least square algorithm with covariance weighting for computing the translational and rotational errors between two radar sites 59639
Sudano, J.J. Computing the lethality of a ballistic projectile 59649
Sudano, J.J. Minimizing human-machine interface failures in high risk systems 79232
Sudano, J.J. Minimizing human-machine interface failures in high risk systems 79503
Sudano, J.J., Marietta, M. Estimating true altitude of a track from local 3-D Cartesian coordinates of a radar 84558
Sudarshan, T.S. *see* Gradinaru, G. 72592
Sudarshan, T.S. *see* Sundararaman, R. 50153
Sudarshanam, V.S., Desu, S.B. Measurement of dynamic polarization modulation depth utilizing the J_1-J_4 method of spectrum analysis 72428
Sudbin, A.I. *see* Sviridov, S.A. 77566
Sudbo, A.S. Improved formulation of the film mode matching method for mode field calculations in dielectric waveguides 56394
Sude, R. *see* Satoh, S. 61696
Sudersena Rao, T., Lacelle, C., Rolfe, S.J., Dion, M., Thompson, J., Marshall, P., Chow-Chong, P., Ross, D., Davies, M., Roth, A.P. Chemical beam epitaxy growth of 1.3 μm InGaAsP/InP double heterostructure lasers using all gas source doping 72895
Sudha, S.A., Chandrasekaran, A., Rajagopalan, V., Mehta, H. A new modular approach to modelling of converter-fed induction motor 89949
Sudhakar, D.V. *see* Ramamurthi, V. 89105
Sudhakar, G.N.M., Kavehrad, M., Georganas, N.D. Access protocols for passive optical star networks 51854
Sudhakar, R. *see* Hanqi Zhuang 74313
Sudhakar, R. *see* Jen-Yu Shieh 74301
Sudhakar, R. *see* Xie, X. 57873
Sudhama, C., Khamankaar, R., Kim, J., Jiang, B., Lee, J.C., Maniar, P.D., Jones, R.E., Jr., Mogab, C.J. Novel methods for the reliability testing of ferroelectric DRAM storage capacitors 61694
Sudhama, C. *see* Bo Jiang 49431
Sudhama, C. *see* Jiyoung Kim 70488
Sudharsanan, S.I. *see* Muhsin, I. 68577
Sudharsanan, R. *see* Karam, N.H. 91629
Sudharsanan, S.I., Muhsin, I., Sundareshan, M.K. Self-tuning adaptive control of multi-input, multi-output nonlinear systems using multilayer recurrent neural networks with application to synchronous power generators 68578
Sudhoff, S.D., Hansen, I.G., Kenny, B.H. Improving power quality in a 20-kHz distribution system 60295
Sudi Qin *see* Qin Sudi
Sudijono, J. *see* Orr, B.G. 91508
Sudin, S. *see* Ab. Ghani, M.R. 99496
Sudiwala, R.V. *see* Scott, K. 49729
Sudo, A. *see* Chang, P.S.-T. 62852
Sudo, H. *see* Fukushima, T. 72899
Sudo, M. *see* Ohkawa, K. 96428
Sudo, R. *see* Chichibu, S. 48999
Sudo, R. *see* Chichibu, S. 61307
Sudo, R. *see* Chichibu, S. 62213
Sudo, R. *see* Ogawa, A. 61228
Sudo, S. *see* Ohishi, Y. 63699
Sudo, S. *see* Ohishi, Y. 72729
Sudo, S. *see* Yamada, M. 94410
Sudo, T. Present and future directions for multichip module technologies 69579
Sudo, T. *see* Hiruta, Y. 93682
Sudo, T. *see* Okada, T. 48675
Sudo, T. *see* Okada, T. 48694
Sudo, T. *see* Sawada, K. 60964
Sudo, Y. *see* Koyanagi, M. 62830
Sudou, K. *see* Kakami, M. 66068
Sudou, M. *see* Itano, A. 87686
Sudou, M. *see* Murakami, T. 76296
Sudou, N. *see* Kumada, M. 68748
Sudou, Y. *see* Wada, Y. 55573
Sudre, C. *see* Bruguier, G. 71571
Sue, M.K. *see* Rafferty, W. 58365

Sue Shih-Chang *see* Shih-Chang Sue
Sueda, M. *see* Nakamura, S. 62966
Suehara, S. *see* Hishita, S. 71300
Suehiro, H., Miyata, T., Kuroda, S., Hara, N., Takikawa, M. Highly doped InGaP/InGaAs/GaAs pseudomorphic HEMT's with 0.35 μm gates 93669
Suehiro, H. *see* Kuroda, S. 61661
Suehiro, H. *see* Nihei, M. 93512
Suehiro, H. *see* Ohori, T. 81934
Suehiro, J., Yamasaki, K., Matsuo, H., Hara, M., Gerhold, J. Pulsed electrical breakdown in liquid helium in the μs range 63096
Suehiro, J. *see* Hara, M. 71840
Suehiro, N. A signal design without co-channel interference for approximately synchronized CDMA systems 74151
Suehiro, N. *see* Padmanaban, M. 81618
Suehiro, N. *see* Spiess, W. 81620
Suehiro, T. *see* Shoji, T. 88268
Suehiro, T. *see* Shoji, T. 98562
Suehiro, Y. *see* Ura, M. 50316
Suehle, J.S., Chaparala, P., Messick, C., Miller, W.M., Boyko, K.C. Field and temperature acceleration of time-dependent dielectric breakdown in intrinsic thin SiO_2 62621
Suehle, J.S. *see* Witczak, S.C. 71218
Suekane, F. *see* Abe, K. 88115
Suekane, F. *see* Antilogus, P. 59064
Suekane, F. *see* Antilogus, P. 59127
Suekane, F. *see* Hoshi, Y. 88113
Suekane, F. *see* Masuda, K. 67337
Suekane, F. *see* Oyama, K. 98567
Suekane, F. *see* Sakamoto, M. 59077
Sueker, K.H. Transient thermal impedance modeling of semiconductor heat sinking 60957
Suemasu, T., Kohno, Y., Suzuki, N., Watanabe, M., Asada, M. Metal ($CoSi_2$)/insulator(CaF_2) resonant tunneling transistor 93342
Suemasu, T., Kohno, Y., Suzuki, N., Watanabe, M., Asada, M. Different characteristics of metal ($CoSi_2$)/insulator (CaF_2) resonant tunneling transistors depending on base quantum-well layer 93486
Suematsu, E., Imai, N. Signal-to-noise performance of a fiber optic subcarrier link using an HBT optoelectronic up-converter 86467
Suematsu, E. *see* Matsui, M. 80800
Suematsu, N. *see* Takagi, T. 86040
Sumatu, Y., Yamada, H. A wide angle vision sensor with fovea—design of distortion lens and the simulated images 98112
Suemine, S. *see* Tsumori, K. 67017
Sumitsu, M., Kim, K.-J., Miyamoto, N. Role of Ge in SiGe epitaxial growth using silane/germane gas-source molecular beam epitaxy 91499
Sumitsu, M. *see* Kim, K.-J. 91484
Suemune, I. Quantitative study of mechanism responsible for high operating voltage in II-VI laser diodes 72869
Suemune, I., Fujii, Y., Fujimoto, M. Improvement of electrical and optical properties of ZnSSe p-n heterostructure diodes with optimization in metalorganic vapor phase epitaxy 71584
Suemune, I. *see* Hidaka, T. 69984
Suemune, I. *see* Ishikawa, H. 50830
Suemune, I. *see* Noguchi, N. 55760
Suen, C.Y., Guo, J., Li, Z.C. Analysis and recognition of alphanumeric handprints by parts 64581
Suen, C.Y. *see* Bei Li 85156
Suen, C.Y. *see* Huang, Y.S. 96011
Suen, C.Y. *see* Li, Z.C. 57704
Suen, C.Y. *see* Tang, Y.Y. 73973
Suenaga, M. *see* Akune, H. 58565
Suenaga, M. *see* Meng, W. 76700
Suenaga, T., Takeno, H. Perpendicular recording technology on rigid disks 72083
Suenaga, T. *see* Yamashita, M. 72100
Suenaga, Y. *see* Fukumoto, M. 95768
Suenaga, Y. *see* Morimoto, M. 64711
Sueno, T. *see* Kumada, M. 68748
Sueno, T. *see* Sato, H. 60310
Sueoka, K., Ikeda, N., Yamamoto, T. Morphology and size distribution of oxide precipitates in as-grown Czochralski silicon crystals 79768
Sueoka, K., Sai, F., Parker, K., Arnoldussen, T. Study of magnetic characteristics of tips for magnetic force microscopy 71059
Suer, M.F. 3-D design issues 92701
Sueri, S. *see* Palara, S. 60591
Suesada, K., Ishida, K., Takeuchi, J., Ogura, I., Livingston, P. D-5: 1/2-in. Full bit rate component VTR format 86794
Suesada, K. *see* Owen, S.J. 97697
Suesse, H., Voss, K. Inversion of convolution by small kernels 85170
Suessmith, B.W., Paap, G., III PowerPC 603 microprocessor: power management 80368
Sueta, H.E. *see* Burani, G.F. 89222
Suetens, P. *see* Bellon, E. 85614
Suetens, P. *see* Bellon, E. 88473
Suetens, P. *see* Bijnens, B. 59284
Suetens, P. *see* Vandermeulen, D. 98796
Suetin, N.V. *see* Polushkin, V.M. 69936
Suetinov, V.I. *see* Starosel'skii, V.I. 71721
Suetsugi, K. *see* Sugawara, M. 75728
Suetsugu, K. *see* Matsumoto, T. 96426
Suetsugu, Y., Kanazawa, K.-I. Test fabrication of a copper beam duct for the KEK B-factory 87652
Sueyoshi, T. Stochastic frontier production analysis: measuring performance of public telecommunications in 24 OECD countries 65111
Sueyoshi, T. Application of FPGA to education for computer science 80235
Sueyoshi, T. *see* Sakurai, T. 72095
Sueyoshi, T. *see* Uesugi, K. 69939
Sueyoshi, Y. *see* Hakamata, Y. 97260
Sufana, C., Izquierdo, N., Simon, M., Stipanovich, N., Adamiak, M., Alexander, G., Andrichak, J. Digital and analog simulator modeling for transmission line protective relay design 89347
Sufana, C. *see* Donahoe, K.E. 89186
Sufen Li *see* Li Sufen
Suffern, K.G. *see* Van Domselaar, N. 66076
Suffert, M. *see* Carlson, P. 88068
Suffert, M. *see* Carlson, P. 98532
Suffert, M. *see* Carlson, P. 98556
Sug-Soon Yim *see* Hye-Keun Oh 71479
Suga, H. *see* Saburi, Y. 52747
Suga, T. High-reliability LAN with new RAS functions 96609
Suga, T., Fujiwaka, T., Sasaki, G. Surface activated bonding and its application on micro-bonding at room temperature 81116
Suga, T., Ishihara, F. A method for analyzing properties of rectangular waveguides with a steeply tapered height and/or width 64178
Suga, T., Ishihara, F. A step-shape characteristic calculation method in rectangular waveguide using a transmission equation 73457
Suga, T. *see* Itoh, T. 66283
Suga, Y., Inoue, T., Matsumoto, T., Takeuchi, S. Landcover change detection by combination of NOAA/AVHRR with Landsat/TM 77652
Sugahara, A. *see* Toeda, H. 98212
Sugahara, M. *see* Chen, X. 63300
Sugahara, R. *see* Mimashi, T. 76499
Sugahara, T. Information oriented consumer electronics for multimedia applications 51926
Sugahara, T., Yanagihara, Y., Sugimoto, N. Construction of structural edge map on chest radiograph using Hough transformation and line connection 98804
Sugahara, T. *see* Ishizuka, M. 60608
Sugahara, T. *see* Jo, S. 98947
Sugahara, T. *see* Sugimoto, N. 53371
Sugai, A. *see* Yee, H.P. 91888
Sugai, H. *see* Hikosaka, Y. 55806
Sugai, H. *see* Ito, S. 93153
Sugai, H. *see* Nakamura, K. 81510
Sugai, I. *see* Shibata, S. 98487
Sugai, K. *see* Haba, B. 70134
Sugai, K. *see* Maehara, E. 60365
Sugai, K. *see* Shinzawa, T. 71436
Sugai, S. *see* Watanabe, H. 81177
Sugai, Y. *see* Rhee, B. 58006
Sugai, Y. *see* Rhee, B. 62917
Sugama, A. *see* Suzuki, H. 66262
Sugamura, N., Kitawaki, N. Recent applications and developments in speech recognition technologies 64342
Sugano, M. *see* Anayama, C. 50849
Sugano, M. *see* Fukushima, T. 72899
Sugano, T. *see* Bird, J.P. 55612
Sugano, T. *see* Ishii, M. 71329
Sugano, T. *see* Iwai, S. 69965
Sugano, T. *see* Ochiai, Y. 81325
Sugano, T. *see* Schoenfeld, O. 92931
Sugano, Y. *see* Hoshino, K. 62521
Sugano, Y. *see* Iwasaki, S. 96929
Suganthan, P.N., Teoh, E.K., Mital, D.P. Multilayer backpropagation network for flexible circuit recognition 92789
Suganuma, H., Mutoh, A., Nitta, S. Influence of contact's surface conditions change and operating conditions on showering noise waveforms 92658
Suganuma, K., Sugihara, S., Okazaki, K. Interface microstructure between silicon and silver formed after eutectic brazing reaction 81416
Suganuma, N. *see* Tomita, M. 61678
Suganuma, T. *see* Nishikawa, M. 72484
Sugarbaker, D. *see* Stimac, L. 67960
Sugarbroad, I. *see* Blakeslee, K. 86149
Sugauchi, K. *see* Nagai, Y. 52013
Sugauchi, K. *see* Nagai, Y. 96469
Sugavanam, R., Ortega, A., Choi, C.Y. A numerical investigation of conjugate heat transfer from a flush heat source on a conductive board in laminar channel flow 92703
Sugawara, E. *see* Yamaguchi, K. 49689
Sugawara, H., Itaya, K., Hatakoshi, G. Emission properties of InGaAlP visible light-emitting diodes employing a multiquantum-well active layer 94288
Sugawara, H., Ueda, K. Epitaxial growth of aluminum films on hydrogen-mediated Si(100) surface 69959
Sugawara, H. *see* Itaya, K. 72824
Sugawara, H. *see* Iwasaki, S. 96929
Sugawara, H. *see* Saeki, T. 49438
Sugawara, H. *see* Takeshima, T. 61701
Sugawara, H. *see* Takeshima, T. 92226
Sugawara, H. *see* Yamaguchi, F. 58603
Sugawara, K. *see* Ito, Y. 59615
Sugawara, K. *see* Ito, Y. 99329
Sugawara, K. *see* Kinoshita, T. 65152
Sugawara, K. *see* Moro'oka, Y. 92212
Sugawara, K. *see* Morooko, Y. 55256
Sugawara, M., Kawahira, H., Tsudaka, K., Ogura, A., Nozawa, S., Uesawa, F., Shimizu, H. Estimation of attenuated phase shifting mask fabrication latitude using an optical exposure-defocus methodology 71474
Sugawara, M., Kawashima, H., Andoh, F., Murata, N., Fujita, Y., Yamawaki, M. An amplified MOS imager suited for image processing 98108
Sugawara, M., Mitani, K., Saitoh, T., Fujita, Y., Suetsugi, K. Four-chip CCD camera for HDTV 75728
Sugawara, M. *see* Toyoda, Y. 97661
Sugawara, S. *see* Usui, M. 63439
Sugawara, T., Yamagishi, M., Mutoh, H., Shimoda, K., Mizoshita, Y. Viterbi detector including PRML and EPRML 50351
Sugawara, T. *see* Maekawa, H. 75991
Sugawara, Y., Fukano, Y., Uchihashi, T., Okusako, T., Morita, S., Yamanishi, Y., Oasa, T., Okada, T. Atomic force microscopy studies of contact-electrified charges on silicon oxide film 71235
Sugawara, Y., Segawa, K., Ohmaki, K. Utilization and analysis of a large scale local area network 96660
Sugawara, Y. *see* Sakurai, N. 55145
Sugawara, Y. *see* Uchihashi, T. 71387
Sugawara, Y. *see* Uchihashi, T. 93728
Sugaya, H., Nakagawa, T., Arai, T. Re-recording in overwrite recording (re-recording mechanism by contact printing model) 50369
Sugaya, I., Takagi, M., Yanaka, O. Low power consumption technology of "VIEWCAM" 66066
Sugaya, S., Mansuripur, M. Effect of tilted ellipsoid of birefringence on readout signal in magneto-optical disk data storage 82277
Sugaya, S., Mansuripur, M. Effects of substrate birefringence on focusing and tracking servo signals in magneto-optical disk data storage 82750
Sugaya, S. *see* Hong Fu 82276
Sugaya, Y. *see* Inoue, O. 82238
Sugden, K. *see* Farries, M.C. 56514
Sugden, K. *see* Williams, J.A.R. 63381
Sugden, R. *see* Cowling, K. 69461
Sugeng, B.R.A., Wei, C.J., Hwang, J.C.M., Song, J.I., Hong, W.P., Hayes, J.R. Junction barrier effects on the microwave power performance of double heterojunction bipolar transistors 61929
Sugeno, H. *see* Kozaru, Y. 75413
Sugeno, M. *see* Zhang, W. 51681
Sugg, B., Kahmann, F., Pankrath, R., Rupp, R.A. Observation of ferroelectric 180° domains by microphotometry of holographic gratings 83366
Suggs, B.N. Matching up to CIE—a comparison of methods in light of constraints 86953
Suggs, D. *see* Geist, R. 72079
Sugi, M., Saito, K. Noninteger exponents in electronic circuits. II. Memory effects in the fractal immittance 61502
Sugibayashi, T., Naritake, I., Takada, H., Inoue, K., Yamamoto, I., Matano, T., Fujita, M., Aimoto, Y., Takeshima, T., Utsugi, S. A distributive serial multi-bit parallel test scheme for large capacity DRAMs 92215
Sugibayashi, T., Takeshima, T., Naritake, I., Matano, T., Takada, H., Aimoto, Y., Fujita, M. A distributive serial multi-bit parallel test scheme for large capacity DRAMs 70552
Sugibuchi, T. *see* Kiyono, S. 52803
Sugie, N. *see* Jie Huang 99318
Sugie, T. *see* Tohmori, Y. 83113
Sugie, Y., Mineshige, A., Kobune, M., Fujii, S. Preparation and characteristics of Y_2O_3-doped CeO_2 film by r.f. magnetron sputtering 91596
Sugihara, H. *see* Kakimoto, N. 77968
Sugihara, H. *see* Nagata, T. 89089
Sugihara, J. Dense recording method enhances capacity of 2.5-, 3.5-inch magnetic disk drives 56220
Sugihara, K. Simpler proof of a realizability theorem on Delaunay triangulations 54800
Sugihara, M., Yamamoto, K. Researches on shape memory alloys micro actuators 68932
Sugihara, S. Composite of $BaTiO_3$ and $Pb(Zr,Ti)O_3$ fabricated with CO_2 laser 54989
Sugihara, S., Fukuyama, T. Synthesis of electronic ceramics by using CO_2 laser 61419
Sugihara, S., Okazaki, K. Analysis of interfaces between ferroelectric ceramics and electrode materials based on wetting experiments 82145
Sugihara, S. *see* Suganuma, K. 81416
Sugihara, T., Mori, S., Fukushima, T., Takagi, J. Novel annular illumination using controlled phase and transparency 71452
Sugiharas, K. *see* Yamazaki, Y. 81739
Sugii, M., Saito, H. High speed operation of a multidither adaptive optical system and real-time compensation of dynamic phase fluctuation 50902
Sugii, M. *see* Komi, T. 72676
Sugii, M. *see* Takagi, T. 90223
Sugii, T. *see* Goto, K. 49923
Sugii, T. *see* Suzuki, K. 62796
Sugii, T. *see* Tanaka, T. 71698
Sugii, T. *see* Tanaka, T. 93377
Sugii, T. *see* Yamazaki, T. 93422

Sugimitsu, T., Kato, N., Koga, Y., Maeda, T., Mitarai, S., Okamoto, T., Mukai, J., Niiya, S., Odahara, A., Mukae, T., Ideguchi, E., Mitsuoka, S., Utsunomiya, K., Shizuma, T. A second foil stripper for the Kyushu University tandem accelerator 67251
Sugimori, K., Hirao, N., Seya, H. Recent technology for UPS downsizing 80083
Sugimori, K. *see* Momota, K. 62127
Sugimoto, A. *see* Yamamoto, J.K. 83323
Sugimoto, F., Horie, H., Arimoto, Y., Ito, T. A pH controlled chemical mechanical polishing method for ultra-thin bonded SOI wafer 71401
Sugimoto, H., Sone, H., Takagi, T. Experiments on relationship between metallic phase and gaseous phase arc and contact resistance in Ag contacts with opening arc 92861
Sugimoto, H. *see* Gotoda, M. 61300
Sugimoto, I., Nakamura, M., Kuwano, H. Organic gas sorption by chemical-sensing fluoropolymer films prepared by radio-frequency sputtering 87335
Sugimoto, I. *see* Nakamura, M. 66577
Sugimoto, I. *see* Nakamura, M. 98160
Sugimoto, J. *see* Abe, K. 89485
Sugimoto, K., Tomita, F. Boundary segmentation by detection of corner, inflection and transition points 74416
Sugimoto, K., Tomiya, F. Scene interpretation based on boundary representations of stereo images 84926
Sugimoto, K. *see* Akao, N. 56196
Sugimoto, M. *see* Ando, T. 93993
Sugimoto, M. *see* Higuchi, K. 55289
Sugimoto, M. *see* Isono, T. 82466
Sugimoto, M. *see* Kamikado, T. 82447
Sugimoto, M. *see* Kosaka, H. 50826
Sugimoto, M. *see* Kurihara, K. 56579
Sugimoto, M. *see* Nakajima, H. 72261
Sugimoto, M. *see* Nishi, M. 93992
Sugimoto, M. *see* Saito, H. 94554
Sugimoto, M. *see* Sawamura, M. 50881
Sugimoto, M. *see* Takahashi, Y. 72219
Sugimoto, M. *see* Takao, M. 50882
Sugimoto, M. *see* Watanabe, K. 82313
Sugimoto, N., Minato, A. Heterodyne spectroscopy using broadband short-pulse laser for long-path absorption measurement of atmospheric trace species 88834
Sugimoto, N., Minato, A., Sasano, Y., Itabe, T., Hiromoto, N., Takabe, M. Laser long-path absorption measurements of atmospheric trace species using the Retroreflector In Space (RIS) on the ADEOS 67826
Sugimoto, N., Uyama, C., Sugahara, T., Yanagihara, Y. Estimating two-dimensional blood flow velocity map in left ventricle from cineangiograms 53371
Sugimoto, N. *see* Nordstrom, R.J. 56605
Sugimoto, N. *see* Sugahara, T. 98804
Sugimoto, R. *see* Sawaki, N. 62292
Sugimoto, S. *see* Baba, S. 85669
Sugimoto, S. *see* Chen, M. 67340
Sugimoto, T. *see* Choi, Y.D. 69979
Sugimoto, T. *see* Okabe, T. 91092
Sugimoto, Y. *see* Kohmoto, S. 71543
Sugimoto, Y. *see* Kurihara, K. 56579
Sugimoto, Y. *see* Nakamura, S. 73068
Sugimoto, Y. *see* Nambu, Y. 71113
Sugimoto, Y. *see* Saito, H. 94554
Sugimoto, Y. *see* Tesarek, R.J. 98504
Sugimoto, Y. *see* Yoshikawa, T. 72922
Sugimura, A. Resonant enhancement of terahertz dynamics in double-barrier resonant tunnelling diodes 62672
Sugimura, A. *see* Tateoka, K. 92524
Sugimura, B.H. *see* Sekiguchi, A. 79927
Sugimura, H., Uchida, T., Kitamura, N., Masuhara, H. Scanning tunneling microscope tip-induced anodization of titanium: characterization of the modified surface and application to the metal resist process for nanolithography 93277
Sugimura, H., Yamamoto, T., Nakagiri, N., Miyashita, V., Onuki, T. Maskless patterning of silicon surface based on scanning tunneling microscope tip-induced anodization and chemical etching 81539
Sugimura, N. *see* Kishimoto, T. 50981
Sugimura, T. *see* Hirano, K. 51661
Sugimura, T. *see* Hirano, K. 53393
Sugimura, T. *see* Takasaki, K. 77579
Sugino, H. *see* Ogawa, F. 55291
Sugino, T., Karasutani, K., Mano, F., Kataoka, H., Shirafuji, J., Kobashi, K. Characterization of undoped and boron-doped polycrystalline diamond films synthesized by hot-filament chemical vapor deposition using methanol 70119
Sugino, T., Kawarai, K., Maeda, M., Shirafuji, J. Low temperature epitaxial growth of InP by remote plasma-assisted metalorganic chemical vapor deposition 48931
Sugino, T., Yamamura, I., Furukawa, A., Matsuda, K., Shirafuji, J. Improved barrier height of Schottky junctions formed on phosphidized AlInAs 55894
Sugino, T. *see* Sakamoto, Y. 55568
Sugio, H. *see* Yamakawa, K. 94413
Sugioka, I. *see* Hatanaka, M. 67822
Sugioka, K., Toyoda, K. Generation mechanism and thermal stability of high carrier concentrations by KrF-excimer-laser doping of Si into GaAs 81435
Sugioka, K. *see* Jae-Suk Lee 71016
Sugisaka, Y. *see* Takebuchi, H. 90220
Sugita, A. *see* Okuno, M. 63460
Sugita, A. *see* Yamada, Y. 82673
Sugita, K. *see* Fujiwara, T. 72248
Sugita, K. *see* Kushida, M. 62336
Sugita, K. *see* Momose, M. 81110
Sugita, K. *see* Yamasaki, S. 78915
Sugita, M. *see* Miyaguchi, S. 51318
Sugita, M. *see* Muto, N. 61436
Sugita, R. Perpendicular magnetic recording tapes suitable for ring heads 72092
Sugita, S. *see* Takada, K. 67566
Sugita, T. *see* Okumura, H. 77346
Sugita, T. *see* Takeuchi, N. 77356
Sugita, T. *see* Ueda, T. 87576
Sugita, Y. *see* Aoi, H. 50301
Sugitani, K., Ueno, F., Inoue, T., Yamashita, T. An oversampled sigma-delta A/D converter using UGB integrator with gain-error compensator 80409
Sugitani, S. *see* Kimura, R. 67924
Sugitate, T. *see* Maeda, N. 67351
Sugiuchi, Y., Katz, B., Rohrer, R.A. Interconnect optimization using asymptotic waveform evaluation (AWE) 49112
Sugiura, A., Inatsu, M. A study on PCM transmission by spread spectrum communication system 73594
Sugiura, A., Morikawa, T., Masuzawa, H., Tejima, T. An improved standard site method for EMI antenna calibration 94989
Sugiura, H., Asakawa, K., Fujino, J. False color signal reduction method for single chip color video cameras 66060
Sugiura, H., Asakawa, K., Yamada, T., Kuno, T., Kontani, N., Yoshida, J., Fujino, J. Luminance signal processing for single-chip CCD color video cameras 52693
Sugiura, H., Mitsuhara, M., Iga, R., Yamamoto, N. Metalorganic molecular beam epitaxial growth of highly uniform InGaAsP quantum well structures using an indium-free holder 69948
Sugiura, H. *see* Hasegawa, K. 88535
Sugiura, H. *see* Mawatari, H. 72875
Sugiura, H. *see* Takayama, T. 83041
Sugiura, N. *see* Mikazuki, T. 60967
Sugiura, N. *see* Nakase, S. 97439
Sugiura, N. *see* Sasaki, S. 92670
Sugiura, N. *see* Suzuki, M. 70137
Sugiura, O., Akiyama, Y. Precise method for measuring Xd and Xq based on slip test of synchronous machines 68557
Sugiura, O. *see* Byung-Chul Ahn 71626
Sugiura, O. *see* Shimizu, K. 62831
Sugiura, O. *see* Taniguchi, H. 91611
Sugiura, T. *see* Nakamura, T. 78647
Sugiura, Y. Present status and future trends of HDTV in Japan 58587
Sugiyama, A. Stochastic gradient algorithms with a gradient-adaptive and limited step-size 51541
Sugiyama, A. An interference-robust stochastic gradient algorithm with a gradient-adaptive step-size 84142
Sugiyama, A., Ikeda, S. A fast convergence algorithm for adaptive FIR filters with sparse taps 64457
Sugiyama, H. Solving deterministic problems via stochastic approximation—a simple yet powerful numerical method 48762
Sugiyama, H. *see* Shimizu, M. 93707
Sugiyama, K., Jun Yoda Laser cooling of a natural isotope-mixture of Yb^+ stored in a RF trap 86904
Sugiyama, K. *see* Matsuyama, S. 87767
Sugiyama, K. *see* Miyake, H. 61223
Sugiyama, K. *see* Nunokawa, R. 86421
Sugiyama, K. *see* Yamajo, N. 85965
Sugiyama, M., Maeyama, S., Oshima, M. Structure of the sulfur-passivated GaAs(001) surface 81503
Sugiyama, M., Murakami, J., Watanabe, H. Speech segmentation and clustering based on speaker features 84055
Sugiyama, M. *see* Katayama, T. 54948
Sugiyama, M. *see* Kato, Y. 73821
Sugiyama, M. *see* Ohkura, K. 73849
Sugiyama, M. *see* Shimizu, M. 91568
Sugiyama, M. *see* Tanabe, K. 84747
Sugiyama, M. *see* Waguri, S. 58095
Sugiyama, N. *see* Ohguro, T. 93405
Sugiyama, N. *see* Tamura, M. 48928
Sugiyama, S. *see* Kaneko, S. 79879
Sugiyama, S. *see* Ohgaki, H. 87963
Sugiyama, S. *see* Yamazaki, T. 94544
Sugiyama, T., Kazama, H., Morikura, M., Kubota, S., Kato, S. Burst mode interference cancellation for superposed transmission of SSMA-QPSK signals and TDMA-QPSK signals in nonlinear channels 86276
Sugiyama, T. *see* Akagi, J. 97326
Sugiyama, T. *see* Iizuka, N. 71604
Sugiyama, T. *see* Yano, K. 71430
Sugiyama, T. *see* Chen, G.-L. 50318
Sugiyama, Y., Kagawa, K., Ohmori, H., Hayashi, K., Hayakawa, M., Aso, K. The FMR magnetic reproducing head using a microwave guide 50258
Sugiyama, Y. *see* Kanamori, O. 78922
Sugiyama, Y. *see* Kitamichi, J. 49362
Sugiyama, Y. *see* Sangawa, U. 81731
Sugiyama, Y. *see* Takahisa, K. 100601
Sugizaki, G. *see* Toda, K. 66687
Sugo, M. *see* Sasaki, T. 56554
Sugou, S., Naniwae, K., Anan, T., Nishi, K. Strain-compensations for interfacial strain and average strain in InGaAs/InAlP highly compressive-strained multiple quantum well structures on InP grown by gas source molecular beam epitaxy 55643
Sugou, S. *see* Mori, K. 62247
Sugrue, E. *see* McNamara, S. 55123
Suguimoto, M. *see* Hayashi, S. 65483
Sugwon Hong *see* Eunyoung Sohn 85876
Suh, J.W. *see* Storment, C.W. 83530
Suh, K.D. *see* Choi, J.D. 70491
Suh, K.S., Lee, C.R., Noh, J.S., Tanaka, J., Damon, D.H. Electrical conduction in polyethylene with semiconductive electrodes 50151
Suh, S.H. *see* Kwak, N.J. 61318
Suh, S.H. *see* Kwak, N.J. 70007
Suh, S.H. *see* Lee, C.D. 79786
Suh, S.H. *see* Moon, S.W. 61317
Suh, Y.S. *see* Kwon, W.H. 70737
Suh Chang-Kyo *see* Chang-Kyo Suh
Suh Dongwook *see* Dongwook Suh
Suh Eui-Ho *see* Eui-Ho Suh
Suh Ho Hyung *see* Ho Hyung Suh
Suh Ho Suhng *see* Ho Suhng Suh
Suh Jae-Joon *see* Jae-Joon Suh
Suh Jeong Dae *see* Jeong Dae Suh
Suh Kwang *see* Kwang Suh
Suh Kyoung-Whoan *see* Kyoung-Whoan Suh
Suh Kyung-Soo *see* Kyung-Soo Suh
Suh Sang-Hee *see* Sang-Hee Suh
Suh-Chyn Jeng *see* Shih-Jen Wang 60075
Suhadolnik, A., Mozina, J. Twisted optical fiber liquid level sensor 87232
Suhara, T. *see* Oh, M. 94181
Suhara, T. *see* Ura, S. 72422
Suhartono *see* Takahashi, N. 83438
Suheal, G.A. Impact of noise on the synchronous behaviour for various phase-locked receiver configurations 70326
Suheal, G.A. *see* Fyath, R.S. 75414
Suheal, G.A. *see* Sayhood, K.H. 86372
Suhel, P. *see* Vrtacnik, P. 88502
Suhel, P. *see* Vrtacnik, P. 88503
Suhir, E. Input/output fiber configuration in a laser package design: optimization for lower stresses 50473
Suhir, E. Flip-chip solder joint interconnections and encapsulants in silicon-on-silicon MCM technology: thermally induced stresses and mechanical reliability 54520
Suhir, E. Pull testing of a glass fiber soldered into a ferrule: how long should the test specimen be? 72316
Suhir, E. Thermally induced stresses in an optical glass fiber soldered into a ferrule 94119
Suhir, E., Burke, R. Dynamic response of a rectangular plate to a shock load, with application to portable electronic products 79330
Suhling, J.C. *see* Jaeger, R.C. 58730
Suhling, J.C. *see* Jaeger, R.C. 97983
Suhng Suh Ho *see* Ho Suhng Suh
Suhring, S. *see* Chao, Y. 67004
Suhua Gu *see* Gu Suhua
Sui, H. *see* Tehver, J. 91894
Sui, X., Kryder, M.H., Wong, B.Y., Laughlin, D.E. Microstructural origin of the perpendicular anisotropy in *M*-type barium hexaferrite thin films deposited by RF magnetron sputtering 50250
Sui, X. *see* Wong, B.Y. 63199
Sui Xin *see* Jin Xue-Jiao 58974
Sui-Liang Ning *see* Tean-Sen Jen 63597
Suich, R.C., Patterson, R.L. Minimize system cost by choosing optimal subsystem reliability & redundancy 54610
Suihua Yuan *see* Tengda Du 87139
Suino, D. *see* Bollero, A. 50464
Suino, D. *see* Caviglia, F. 52471
Suita, M. *see* Ohtsuka, K. 71108
Suits, F. *see* Trouilloud, P.L. 63175
Sujane Wang *see* Ming-Yih Kao 61916
Sujatha, H.S. *see* Chandrasekhar, P. 54581
Sujen Luu *see* Shih-Ming Wang 53904
Sujen Luu *see* Shih-Ming Wang 78036
Sujito, H.B. *see* Taylor, K.N.R. 56234
Sujka, B.R. *see* Fehl, D.L. 67411
Suk, D. *see* Swerup, J. 86148
Suk, M. *see* Ariztizabal, F. 98518
Suk, M. *see* Koh, J. 57725
Suk, M. *see* Koh, J. 64803
Suk, T. *see* Flusser, J. 77699
Suk Eun Yong *see* Yong Suk Eun
Suk Hyun Shin *see* In Shig Park 81941
Suk Hyun Shin *see* Sang Myung Kim 71737
Suk Ki Min *see* Seong Il Kim 70006
Suk Kim Chang *see* Chang Suk Kim
Suk Kim Kyong *see* Kim Kyong Suk
Suk Kyu Song *see* Ki Poong Lee 55963
Suk Lee Jae *see* Jae Suk Lee

Suk Lee Je *see* Je Suk Lee
Suk Lee Sang *see* Sang Suk Lee
Suk Oh Kyung *see* Kyung Suk Oh
Suk Oh Young *see* Young Suk Oh
Suk Park Yong *see* Yong Suk Park
Suk Yoon Eon *see* Eon Suk Yoon
Suk-Hee Wang, Doo-Kwon Baik TS model: a temporal synchronization model in between different types of multimedia data 85417
Suk-Hwan Chung *see* Jae-Duk Moon 82137
Suk-Hyung Cho *see* Minsoo Hahn 73905
Suk-Ki Kim *see* Ook Kim 70700
Suk-Ki Min, Hoon Young Cho, Won Chel Choi, Yamaguchi, M., Takamoto, T. Hydrogenation effects on n^+-p InP solar cells 100669
Suk-Ki Min *see* Kyung Sik Yoon 79796
Suk-Ki Min *see* Moo-Sung Kim 48933
Suk-Ki Min *see* Seong-Il Kim 72807
Suk-Ki Min *see* Seong-Il Kim 81438
Suk-Won Yee *see* Giardina, C.R. 95670
Suka, M., Hirakoso, Y., Takahashi, Y., Kuroda, T., Takada, M., Fujiwara, M., Tomida, Y., Okada, S. Development of DARC decoding LSI for high-speed FM subcarrier system 86661
Sukach, G.A. *see* Kolchanova, N.M. 50692
Sukamto, L. *see* Antsos, D. 80633
Sukatskas, V. Contactless measurements of sound velocity in gases with a constant length interferometer 76277
Sukegawa, K. *see* Yamaji, M. 50028
Sukegawa, K. *see* Yokoyama, K. 72560
Sukegawa, N. *see* Ishiyama, A. 68248
Sukegawa, O. Active matrix LCD for notebook type personal computer 87399
Sukegawa, O. *see* Hirai, Y. 63496
Sukegawa, T. *see* Kamiyama, K. 90546
Sukegawa, T. *see* Udono, H. 61271
Sukegawa, T. *see* Watanabe, A. 61229
Sukegawa, T.S. *see* Mieno, F. 70149
Sukhanov, A. *see* Gustafsson, L. 88231
Sukhanov, A. *see* Gustafsson, L. 98671
Sukhanov, V.I. *see* Alenitckiy, Yu.G. 94015
Sukharev, I.G. *see* Maksimov, V.M. 57286
Sukharev, I.G. *see* Maksimov, V.M. 57287
Sukharev, Yu.G., Mironov, V.S., Andriyanov, A.V., Ivanov, I.K. Electroluminescent structures that change emission color 56560
Sukhatme, G.S. *see* Iberall, T. 98951
Sukhinin, V.P. *see* Levchenko, E.V. 89624
Sukhinin, V.P. *see* Levchenko, E.V. 99935
Sukhoparov, S.A. Multifactor optimization of accuracy calculations for optical devices 94039
Sukhoparov, S.A., Gorlushkina, N.N. Automatic television-based measurement module 97786
Sukhoparov, S.A., Gorlushkina, N.N., Timofeev, A.N. Enhancing the display sensitivity of precision optoelectronic automatic-focusing apparatus 97998
Sukhorukov, I.V. *see* Kazandzhan, N.N. 55419
Sukhorukov, I.V. *see* Kazandzhan, N.N. 61945
Sukhorukov, Yu.P. *see* Loshkareva, N.N. 72494
Sukhov, E.G. Parallelism in problems of computer tomography 88379
Sukhushin, K.N. *see* Bastrikov, A.N. 55515
Sukkar, R.A., Wilpon, J.G. A two pass classifier for utterance rejection in keyword spotting 84066
Sukow, D.W. *see* Gauthier, D.J. 91934
Sukumar, V. *see* Ehnert, A. 49156
Sukyoon Yoon *see* Gaffur, H. 62751
Sul, S.-K. *see* Hong, C.-O. 60533
Sul, S.-K. *see* Kim, S.-H. 69052
Sul Seung Ki *see* Seung Ki Sul
Sul Seung-Ki *see* Seung-Ki Sul
Sulak, L. *see* Arrington, K. 88112
Sulak, L. *see* Arrington, K. 98564
Sulak, L. *see* Brown, D. 59084
Sulak, L. *see* Young, K.G. 76765
Suleman, Kh., Filikov, V.A., Ligachev, V.A., Vasil'eva, N.D. Condensation conditions and properties of a-Si:H films prepared with different RF discharge powers 91627
Sulhoff, J.W. *see* Smart, R.G. 50774
Suli, E. *see* Monk, P. 83435
Sulic, D.M., Jelic, Z.V. Ray-tracing study of the ducted whistler-mode wave propagation 94833
Sulima, O.V. *see* Baldus, A. 79806
Sulima, O.V. *see* Blieske, U. 100685
Sulima, O.V. *see* Wagner, B.F. 100485
Sulimov, V.B. *see* Dianov, E.M. 63972
Sulimov, V.B. *see* Sokolov, V.O. 63976
Sulistyono, W., Enjeti, P.N. A series resonant AC-to-DC rectifier with high-frequency isolation 68802
Sulkin, A. Confronting the PBX prophets of doom 65517
Sulkin, A. ACD enhancements blur distinctions among vendors 74875
Sul'kis, I.G. *see* Vorob'ev, A.A. 94671
Sull, S., Ahuja, N. Integrated 3-D analysis and analysis-guided synthesis of flight image sequences 51595
Sulla, J.L. *see* Chung Won, C. 93783
Suller, V.P. *see* Clarke, J.A. 87809
Suller, V.P. *see* Poole, M.W. 67207
Suller, V.P. *see* Poole, M.W. 67245
Suller, V.P. *see* Quinn, P.D. 98464
Suller, V.P. *see* Welbourne, L.A. 87820
Sullivan, A., Carin, L. Scattering by 2D strips using an asymptotic hybrid formulation combining the method-of-moments and physical-optics techniques 73299
Sullivan, A. *see* Donnelly, T.D. 72705
Sullivan, B.T. *see* Montcalm, C. 63543
Sullivan, B.T. *see* Montcalm, C. 72548
Sullivan, C.A. *see* Gold, S.H. 76373
Sullivan, C.R. Energy use: the most important environmental impact of electronic equipment? 79242
Sullivan, C.R., Drescher, A.C. Influence of on-time and use frequency on cost-effectiveness of compact fluorescent lamps 69211
Sullivan, C.R. *see* Acker, B. 61521
Sullivan, C.R. *see* Chaofu Kao 100132
Sullivan, D., McLaughlin, P. A comparison of the PRISM and OMNI-point methodologies for the specification of management systems 96515
Sullivan, D.J. *see* Hughen, J.H. 65918
Sullivan, D.J.D., Flaum, H.C., Kummel, A.C. Competition between continuous etching and surface passivation for Cl_2 chemisorption onto GaAs(100) c(8×2), GaAs(100) c(2×8), and GaAs(110) (1×1) surfaces 71370
Sullivan, E.J., Middleton, D. Estimation and detection in matched field processing 95420
Sullivan, E.J. *see* Candy, J.V. 99252
Sullivan, E.J. *see* Tague, J.A. 58502
Sullivan, E.P. *see* Alkire, R.W. 98426
Sullivan, G. Multi-hypothesis motion compensation for low bit-rate video coding 85043
Sullivan, G.D. *see* Du, L. 84654
Sullivan, G.D. *see* Du, L. 84676
Sullivan, G.D. *see* Karaolani, P. 84669
Sullivan, G.D. *see* Richards, K. 88762
Sullivan, G.J., Baker, R.L. Efficient quadtree coding of images and video 64737
Sullivan, G.J. *see* Orchard, M.T. 84778
Sullivan, J. *see* Brown, D. 59084
Sullivan, J. *see* Deis, G. 87958
Sullivan, J. *see* Heim, J. 88070
Sullivan, J. *see* Jackson, P. 96303
Sullivan, J.D. *see* Hale, J.R. 83558
Sullivan, J.L. *see* Adams, J.W. 92398
Sullivan, J.L. *see* Adams, J.W. 95609
Sullivan, J.P. *see* Britton, C.L. 71809
Sullivan, J.P. *see* Fields, D.E. 98522
Sullivan, J.P. *see* Johnston, R.T. 75944
Sullivan, J.P. *see* Lock, J.S. 67366
Sullivan, J.P. *see* van Hecke, H. 67350
Sullivan, M. Wireless LANs, status and future 85629
Sullivan, M., Butler, S.W., Hirsch, J., Wang, C.J. A control-to-target architecture for process control 60914
Sullivan, M. *see* Butler, S.W. 90939
Sullivan, M. *see* Donald, M. 66879
Sullivan, M.F., Bondi, J.O., Kopca, D.J., Patel, N.D. Integrating hierarchical test benches into an evolving VHDL design environment 55078
Sullivan, N. *see* Crow, J.E. 72174
Sullivan, N. *see* Fink, I. 82030
Sullivan, N.S. *see* Brandt, B.L. 82507
Sullivan, N.S. *see* Brooks, J. 56282
Sullivan, N.S. *see* Campbell, L.J. 82503
Sullivan, N.T., Newcomb, R.M. Critical dimension measurement in the SEM: comparison of backscattered vs. secondary electron detection 87523
Sullivan, P. *see* Gabara, T. 49201
Sullivan, P.A., Baragiola, R.A. Ion beam induced luminescence in natural diamond 93131
Sullivan, P.A. *see* Day, R.-L. 48680
Sullivan, R.C. *see* Stuff, M.A. 75626
Sullivan, S. *see* Taubin, G. 51590
Sullivan, S.P. *see* Diserens, N.J. 80006
Sullivan, T. *see* Jones, O. 90844
Sullivan, T.D. Predictive modeling for stress-induced void formation in Al lines 62540
Sullivan, T.D. *see* Korhonen, M.A. 62536
Sullivan, T.E. *see* Chung, M.S. 62053
Sullivan, T.E. *see* Huang, Z.-H. 62079
Sullivan, T.M., Stern, R.M. Multi-microphone correlation-based processing for robust speech recognition 73853
Sullivan, W.F., Jr. *see* Kolenda, T.J. 78428
Suls, J. *see* Jacobs, P. 98125
Sultan, L., Janabi, T. An advanced system for the generation and tuning of fuzzy controller knowledge-base 68650
Sultan, M. *see* Reeve, J. 59911
Sultan, M. *see* Reeve, J. 78060
Sultan, R. *see* Le Boudec, J.-Y. 85362
Sultan, T.I. Optimum design of sampling plans in electronic industry 54551
Sultanguzin, I.A. *see* Anokhin, A.B. 89420
Sultansoy, S.F. *see* Aydin, Z.Z. 98394
Sulten, P. *see* Hoang Gia Ky 82461
Sulyaev, R.M. *see* Zapolsky, V.N. 66975
Sulygin, I. *see* Katalev, V. 67103
Sulzer, M.P., Fejer, J.A. Radar spectral observations of HF-induced ionospheric Langmuir turbulence with improved range and time resolution 88756
Sulzer, M.P. *see* Lee, M.C. 83677
Sum Ng Chun *see* Chun Sum Ng
Suma, K., Tsuruda, T., Hidaka, H., Eimori, T., Oashi, T., Yamaguchi, Y., Iwamatsu, T., Hirose, M., Fujishima, K., Inoue, Y., Nishimura, T., Yoshihara, T. An SOI-DRAM with wide operating voltage range by CMOS/SIMOX technology 92221
Suma, K., Tsuruda, T., Hidaka, H., Eimori, T., Oashi, T., Yamaguchi, Y., Iwamatsu, T., Hirose, M., Morishita, F., Arimoto, K., Fujishima, K., Inoue, Y., Nishimura, T., Yoshihara, T. An SOI-DRAM with wide operating voltage range by CMOS/SIMOX technology 92238
Suma, M. *see* Eimori, T. 93610
Suma, S., Tagami, T., Kibe, T., Ehara, H. Surface mount type SAW filter for hand-held telephones 85958
Sumanaweera, T. *see* Hemler, P.F. 76949
Sumaroka, A.M. *see* Zhdan, A.G. 62332
Sumbera, M. *see* Gabler, A.R. 67416
Sume, A. *see* Kjellgren, J. 65896
Sumey, R.A. *see* Dennehy, M.T. 77774
Sumi, A., Oki, R. Simulation of TRMM observation using Radar-AMeDAS composites 77355
Sumi, A. *see* Takahashi, N. 77352
Sumi, K., Okamoto, Y. High-reliability control device for the load tap-changers 78672
Sumi, M. *see* Hayashi, T. 71111
Sumi, M. *see* Shinohara, S. 95945
Sumi, M. *see* Toyoshima, M. 87608
Sumi, M. *see* Toyoshima, M. 98379
Sumi, M. *see* Tsukuda, N. 97436
Sumi, N. *see* Matsuura, T. 92423
Sumi, S. *see* Teragaki, Y. 50609
Sumi, T., Moriwaki, N., Nakane, G., Nakakuma, T., Judai, Y., Uemoto, Y., Nagano, Y., Hayashi, S., Azuma, M., Fujii, E., Katsu, S.-I., Otsuki, T., McMillan, L., Paz de Araujo, C., Kano, G. A 256 kb nonvolatile ferroelectric memory at 3 V and 100 ns 93798
Sumi, T. *see* Kagenishi, Y. 80323
Sumi, T. *see* Ohbayashi, S. 92211
Sumi, Y. *see* Inoue, N. 87770
Sumi, Y. *see* Maeda, N. 67351
Sumic, Z., Venkata, S.S., Pistorese, T., Wei, X., Yeh, E.C., Atteri, R. Implementation of an AI-based design tool in a facility management system 99561
Sumic, Z. *see* Wei, X.-G. 89231
Sumic, Z. *see* Yeh, E.-C. 89232
Sumichrast, L. A novel spline-function beam-propagation-method for large index steps and discontinuous functions 50547
Sumida, D.S., Fan, T.Y. Effect of radiation trapping on fluorescence lifetime and emission cross section measurements in solid-state laser media 83021
Sumida, D.S., Mangir, M.S., Rockwell, D.A., Shinn, M.D. Laser-related properties of chromium- and neodymium-doped gadolinium scandium aluminum garnet (Cr:Nd:GSAG) 94426
Sumida, H., Hirabayashi, A. The substrate bias effect on the static and dynamic characteristics of the lateral IGBT on the thin SOI film 93487
Sumida, H., Hirabayashi, A., Kumagai, N. The characteristics of the lateral IGBT on the thin SOI film when the collector voltage of the IGBT is applied to the substrate 71663
Sumida, H. *see* Mizoshiri, I. 67494
Sumida, K. *see* Omachi, T. 58244
Sumida, M., Imai, T., Furukawa, S. Fault location on optical amplifier submarine systems 97240
Sumida, M. *see* Furukawa, S. 97239
Sumida, Y. *see* Kawaguchi, S. 79031
Sumikawa, F. *see* Tomita, M. 91791
Sumin Zheng *see* Zheng Sumin
Sumino, K. *see* Shen, B. 93101
Sumioka, A. *see* Hikita, M. 97150
Sumita, J. *see* Wakuta, Y. 53270
Sumita, M. *see* Ozaki, S. 70623
Sumitani, H. *see* Eimori, T. 92192
Sumitomo, K. *see* Prabhakaran, K. 55770
Sumiya, S. *see* Iso, M. 99704
Sumiyoshi, F., Kawabata, S., Fukushima, K., Hashiguchi, I., Kawashima, T., Mito, T., Yanagi, N., Satow, T., Yamamoto, J., Motojima, O. Transverse-field losses in aluminum-stabilized superconducting conductors 82492
Sumiyoshi, F. *see* Kawabata, S. 89301
Sumiyoshi, F. *see* Kawashima, T. 72263
Sumiyoshi, I. *see* Kawabata, M. 50964
Sumiyoshi, K., Takatori, K., Hirai, Y., Kaneko, S. A complementary TN-LCD with wide-viewing-angle gray scale 87368
Sumiyoshitani, S. Study on Kerr electro-optic field measurement method for nonuniform three-dimensional electric field 87408
Summa, V. *see* Lebowsky, F. 97627
Summerfield, M.A. *see* Lacey, J.P.R. 86439
Summerlin, T. *see* Efland, T. 50020
Summerlin, T. *see* Skelton, D. 48698
Summers, C.J. The Phosphor Technology Center of Excellence—research, education, industrial interactions 66605
Summers, C.J., Torabi, A. Resonant tunneling structures for new electronic and optical devices 82820
Summers, C.J., Wagner, B.K., Benz, R.G., II Recent advances in the metalorganic molecular beam epitaxy of HgCdTe 61254
Summers, C.J. *see* Rajavel, D. 61305
Summers, G.P., Burke, E.A., Walters, R.J., Shaw, G.J., Shapiro, P., Statler, R.L., Messenger, S.R.

A general method for predicting radiation damage to solar cells in the space environment 100747
Summers, G.P. *see* Cotal, H.L. 60479
Summers, G.P. *see* Messenger, S.R. 60481
Summers, G.P. *see* Walters, R.J. 100753
Summers, G.P. *see* Weaver, B.D. 72230
Summers, H.D., White, I.H. Measurement of the static and dynamic linewidth enhancement factor in strained 1.55 μm InGaAsP lasers 72987
Summers, H.D. *see* Smowton, P.M. 50847
Summers, H.D. *see* Smowton, P.M. 83093
Summers, I.R., Gray, R. Comparison of speech features for presentation to the profoundly deaf 98961
Summers, I.R. *see* Spaniol, J. 98797
Summers, K. *see* Bates, C.W., Jr. 48962
Summers, L. *see* Boghosian, H.A. 82489
Summers, L.K. *see* Campisi, I.E. 67171
Summers, L.T. *see* Miller, J.R. 82404
Summers, L.T. *see* Painter, T.A. 82446
Summers, Q. *see* Perring, S. 59366
Summerville, H. *see* Delgado-Frias, J.G. 49464
Summit, J. *see* Clark, A. 61507
Sumner, I. *see* Helsby, W.I. 88008
Sumner, I. *see* Jones, A.O. 88221
Sumner, I. *see* Lewis, R.A. 87997
Sumner, R. *see* Dhawan, S.K. 98579
Sumner, T.J., Grant, S.M., Alexiev, D., Butcher, K.S.A. LPE GaAs as an X-ray detector for astronomy 88038
Sumner, T.J. *see* Spooner, N.J.C. 59151
Sumomogi, T., Endo, T., Kuwahara, K., Kaneko, R., Miyamoto, T. Micromachining of metal surfaces by scanning probe microscope 61402
Sumomogi, T. *see* Yamada, H. 76187
Sumorok, K. *see* Chen, M. 67340
Sumorok, K. *see* Chen, M. 67349
Sumorok, S. *see* Ishida, N. 67339
Sumpter, C. *see* Standish, R. 69531
Sun, A.G., Paulius, L.M., Gajewski, D.A., Maple, M.B., Dynes, R.C. Electron tunneling and transport in the high-T_c superconductor $Y_{1-x}Pr_xBa_2Cu_3O_{7-\delta}$ 82371
Sun, C. *see* Liao, Y. 69054
Sun, C.-K. *see* Sanders, G.D. 94456
Sun, C.J., Grotjohn, T.A., Huang, C.J., Reinhard, D.K., Yu, C.-C.W. Forward-bias stress effects on BJT gain and noise characteristics 55917
Sun, C.J., Kung, P., Saxler, A., Ohsato, H., Bigan, E., Razeghi, M., Gaskill, D.K. Thermal stability of GaN thin films grown on (0001) Al_2O_3, (0112) Al_2O_3 and (0001)$_{Si}$ 6H-SiC substrates 69976
Sun, C.J., Kung, P., Saxler, A., Ohsato, H., Haritos, K., Razeghi, M. A crystallographic model of (00·1) aluminum nitride epitaxial thin film growth on (00·1) sapphire substrate 48948
Sun, C.J. *see* Kung, P. 54876
Sun, C.R. *see* Carrigan, R.A., Jr. 59039
Sun, D., Champion, M., Gormley, M., Kerns, Q., Koepke, K., Moretti, A. High power test of RF window and coaxial line in vacuum 67161
Sun, D., Han, Z., Jiang, Q., Yue, X., Chen, H. The growth of SCNN solid solution crystals 61227
Sun, D., Jiang, Q., Chen, H. The growth and properties of doped KNSBN crystal with new composition 61226
Sun, D., Towe, E. Piezoelectric fields in strained (In,Ga)As/GaAs multiple-quantum-well structures grown on vicinal (110) GaAs 62235
Sun, D., Towe, E., Bennett, B.R. Study of lattice-mismatched (In,Ga)As/GaAs heterostructures on the unconventional (110) GaAs surface 55597
Sun, D. *see* Towe, E. 54846
Sun, D.X. *see* Li Deng 57416
Sun, F.P., Liang, C., Roger, C.A. Structural modal analysis using collocated piezoelectric actuator/sensors-an electromechanical approach 82203
Sun, F.P. *see* Liang, C. 71877
Sun, F.P. *see* Liang, C. 90330
Sun, H. Theory on nonlinear gain effect of photon density longitudinal nonuniformity via wave coupling in semiconductor lasers 72829
Sun, H., Anderson, G., Menhart, S., Jian Ma, Wilson, D. Small-signal circuit modeling for a grating external-cavity semiconductor laser 50892
Sun, H. *see* Raychaudhuri, D. 74414
Sun, H.-F. *see* Chen, J.-L. 74848
Sun, H.-T., Wang, H.-F., Zhang, L.-Y., Yao, X. Nondestructive evaluation of multilayer capacitors using electromechanical resonance phenomena 55439
Sun, H.B. *see* Taylor, K.N.R. 56234
Sun, H.C., Patel, V., Singh, B., Ng, C.K., Whittaker, E.A. Sensitive plasma etching endpoint detection using tunable diode laser absorption spectroscopy 55765
Sun, H.C. *see* Davis, L. 63827
Sun, H.C. *see* Yoon, H. 63842
Sun, H.C. *see* Yoon, H. 94443
Sun, H.H. *see* Moussavi, M. 53436
Sun, H.S. *see* Bai, J.Z. 53324
Sun, H.W. *see* Cain, G.D. 49548
Sun, J., Beineke, S., Grotstollen, H. DSP-based real-time harmonic elimination of PWM inverters 100307
Sun, J., Frohleke, N., Grotstollen, H. Transformation-based averaged modeling and analysis of parallel resonant converters 100374
Sun, J., Tyce, R.C. Performance limitations on travel time and phase data extraction for bathymetry side-scan sonars 99139
Sun, J. *see* Sadana, D.K. 62845
Sun, J. *see* Shahidi, G.G. 71797
Sun, J.H., Lo, K.L. Transient stability real-time prediction for multi-machine power systems by using observation 99434
Sun, J.Q., Norris, M.A., Rossetii, D.J., Highfill, J.H. Theoretical and experimental studies of distributed piezoelectric actuators for interior noise control 93787
Sun, J.Y. *see* Shahidi, G.G. 71790
Sun, J.Y.-C. *see* Burghartz, J.N. 71830
Sun, J.Y.-C. *see* Harame, D.L. 61658
Sun, J.Y.-C. *see* Harame, D.L. 71770
Sun, J.Y.-C. *see* Zhao, J. 93343
Sun, J.Z. *see* Gupta, A. 82375
Sun, J.Z. *see* Koch, R.H. 72226
Sun, J.Z. *see* Koch, R.H. 93946
Sun, K.W. *see* Kane, M.G. 94248
Sun, M., Burg, G.S., Sclabassi, R.J. Measurement of signal similarity using the maxima of the wavelet transform 84323
Sun, M. *see* Szu, H. 57851
Sun, P., Zhang, L.-y., Yao, X. Crystallization and dielectrical properties of PLZT films derived from metallo-organic precursors 54957
Sun, P.C. *see* Chen, H. 59347
Sun, P.C. *see* Chen, H. 67524
Sun, S. *see* Wolf, M. 85999
Sun, S.-Z., Du, D.H.C., Chen, H.-C. Efficient timing analysis for CMOS circuit considering data dependent delays 93600
Sun, S.-Z., Du, D.H.C., Liu, D.-R. Testability considerations 92023
Sun, S.S. *see* Pham, L.V. 87384
Sun, T., Gabbouj, M., Neuvo, Y. Image restoration by multistage adaptive CWM filters 64625
Sun, T.-C. *see* Tsao, N.-k. 48838
Sun, W.W. *see* Buchholz, F.-I. 86938
Sun, X., Lombardi, F. Design for testability of sequential circuits 55189
Sun, X., Zhang, Y., Gegner, J., Lee, C.Q. Bi-frequency control for DC-to-DC converters 80138
Sun, X. *see* Reid, J.S. 81564
Sun, X.K. *see* Liu Wei 82256
Sun, Y. PSpice modeling of electronically ballasted compact fluorescent lamp systems 69213
Sun, Y., Ehrmann, O., Wolf, J., Reichl, H. Annealing behaviour of the specific contact layer resistivity for an Au bump-TiW-Al pad structure 81577
Sun, Y., Fidler, J.K. Practical considerations of impedance matching network design 91687
Sun, Y., Liu, C.L. Routing in a new 2-dimensional FPGA/FPIC routing architecture 92103
Sun, Y., Nishitani, R., Miyasato, T. Temperature-dependent reaction of rf hydrogen plasma with silicon 71089
Sun, Y. *see* Liu, H.-J. 64809
Sun, Y. *see* Sun, Z. 79962
Sun, Y.B. *see* Kwon, K.W. 70503
Sun, Y.S., Lord, W., Katragadda, G., Shin, Y.K. Motion induced remote field eddy current effect in a magnetostatic non-destructive testing tool: a finite element prediction 80000
Sun, Y.S., Lord, W., Katragadda, G., Shin, Y.K. Influences of velocity on signal responses of magnetostatic non-destructive testing tools: a prediction from finite element analysis 80001
Sun, Y.S. *see* Mandayam, S. 82298
Sun, Z., Hadjitheodosiou, M.H., Komisarczuk, P., Coakley, F.P. Satellite connections for multimedia communications 52209
Sun, Z., Komisarczuk, P., Coakley, F.P., Evans, B.G. Traffic management in satellite ATM bridge 65714
Sun, Z., Moisio, T. Weld metal/ferritic steel interface in laser welded austenitic/ferritic dissimilar steel joints 64041
Sun, Z., Moisio, T. Melting ratio in laser welding of dissimilar metals 64049
Sun, Z., Zheng, Z., Xu, N., Sun, Y., Ji, R., Zhao, W. Diamond film deposited on a silica substrate with a ZnO:Al intermediate layer by hot-filament chemical vapor deposition 79962
Sun, Z.I. *see* Dou, W.B. 61873
Sun, Z.L. *see* Dou, W.B. 83695
Sun, Z.L. *see* Rong, A.S. 80759
Sun, Z.P. *see* Openshaw, J.P. 84049
Sun Anna, Cui Li, Chen Zhikuan, Xu Hanying, Zhou Qingzhong Lipid microresistor as mimicking olfactory sensor: the rule of the response of lipids to C_1-C_4 alcohols 98149
Sun Biehe, Chen Qin, Liu Bin, Hu Shangbin Development of a new-type full-ion source 53243
Sun Biehe, Hu Shangbin, Chen Qin, Shui Yongqin Development of MEVVA ion source 53217
Sun Chengxiu *see* Cai Yimin 62335
Sun Chengxiu *see* Cai Yimin 94295
Sun Chengyuan *see* Chengyuan Sun
Sun Ching-Cherng *see* Ching-Cherng Sun
Sun Chiping *see* Chiping Sun
Sun Chuanchen, Gao Haibin, Fang Dufei Extraction of C_{60} cluster ion beam 53269
Sun De-Feng A projection and contraction method for the nonlinear complementarity problem and its extensions 69852
Sun De-Gui *see* De-Gui Sun
Sun Dechang, Huang Jiayu The simulation of machine-network interaction in multi-machine power systems 99432
Sun Dechang *see* Zhou Guixing 68119
Sun Deming *see* Bi Shaozhong 89824
Sun Dong-Hong *see* Dong-Hong Sun
Sun En-Yuan *see* En-Yuan Sun
Sun Fanping *see* Fanping Sun
Sun Feng-Bin *see* Feng-Bin Sun
Sun Feng-Wen *see* Feng-Wen Sun
Sun Geng Characterization and construction of linear symplectic RK-methods 61188
Sun Guanfu *see* Guanfu Sun
Sun Guanqing *see* Zheng Sixiao 87947
Sun Guanqing *see* Guanqing Sun
Sun Guocheng, Zhao Zukang State estimation research on electrical distribution system 53746
Sun Guoliang *see* Guoliang Sun
Sun Guoqing *see* Guoqing Sun
Sun Hairong, Li Lemin DQCA: a new medium access control protocol for MANs 74931
Sun Haiyin *see* Haiyin Sun
Sun Han Te *see* Te Sun Han
Sun Hancheng *see* Chen Zhicai 67272
Sun Handong *see* Hao Jianhua 98003
Sun Handong *see* Zhou Fangqiao 52865
Sun Henghui *see* Henghui Sun
Sun Hexu, Chi Yan, Lin Yan, Liu Zongfu Torque vector control for the step motion of synchronous motor 89910
Sun Hexu *see* Chi Yan 100816
Sun Hong-Tao *see* Hong-Tao Sun
Sun Hongbo *see* Luo Chunlei 68015
Sun Hongyan *see* Hongyan Sun
Sun Hongyi *see* Hongyi Sun
Sun Huifang *see* Huifang Sun
Sun Hung-Min *see* Hung-Min Sun
Sun Jiaguang *see* Zhao Xiuwei 64614
Sun Jiang-ao *see* Jiang-ao Sun
Sun Jin Yun, Seung-Chang Lee, Bo-Woo Kim, Sang-Won Kang Study of interaction between incident silicon and germanium fluxes and SiO_2 layer using solid-source molecular beam epitaxy 55741
Sun Jintan, Chen Junning Properties of sensitivity of GaAs MESFET to stress 62863
Sun Jinwei *see* Zhao Xinmin 97897
Sun Jitao, Zhang Yinping On stability of interval matrices 61061
Sun Ju Sung *see* Ju Sung Sun
Sun Jung Choi, Gi Hyun Jung, Yong Deak Kim The study on the design of static flip-flop circuits for the driving of matrix type electrodes 80231
Sun Ki Lee *see* Sang Rock Lee 72125
Sun Kim Eui *see* Kim Eui Sun
Sun Kim Moo *see* Moo Sun Kim
Sun Kim Nam *see* Nam Sun Kim
Sun Ko Jong *see* Jong Sun Ko
Sun Lan *see* Xu Zhi-Zhan 82890
Sun Leung Ping *see* Ping Sun Leung
Sun Liangyan *see* Liangyan Sun
Sun Lin *see* Wang Ruzhang 78169
Sun Lining, An Hui, Zhang Yuchun, Cai Hegao A piezoelectric worktable: principle, construction, hardware, characteristic analysis and experiment 100424
Sun Mee Kang *see* Seok Jin Jang 74402
Sun Min *see* Wang Zhangqi 90250
Sun Ming *see* Ming Sun
Sun Ming-Ting *see* Ming-Ting Sun
Sun Mingui *see* Mingui Sun
Sun Mog Hong *see* Hyung Jo Shin 74039
Sun Ning *see* Ning Sun
Sun Park Chi *see* Chi Sun Park
Sun Pu Lyong *see* Lyong Sun Pu
Sun Qihong *see* Yuan Bin 99444
Sun Qin *see* Fu Haifan 68120
Sun Ruifan *see* Wei Yanming 56624
Sun Runguang *see* Runguang Sun
Sun Shang-Zhi *see* Shang-Zhi Sun
Sun Sheng he *see* Gao Xiao Ming 92318
Sun Sheng He *see* Niu Xia Mu 98001
Sun Shenghe, Guo Shize, Wu Siliang The analysis of eliminating the effect of time jitter by deconvolution method 95493
Sun Shenghe *see* Gao, X.M. 95447
Sun Shenghe *see* Gao Xiao Ming 86741
Sun Shenghe *see* Gao Xiaoming 92309
Sun Shenghe *see* Guo Shize 97866
Sun Shenghe *see* Guo Shize 98185
Sun Shenghe *see* Guo Shize 98186
Sun Shenghe *see* Lin Maoliu 95073
Sun Shenghe *see* Wu Siliang 64412
Sun Shenghe *see* Wu Siliang 84565
Sun Shih Wei *see* Shih Wei Sun
Sun Shih-Yao *see* Shih-Yao Sun
Sun Shin-An *see* Byung Kwen-Song 96235
Sun Shin-An *see* Byung Kwen-Song 96236
Sun Sik Kwak *see* Tae Seon Kim 75266
Sun Sook Lee *see* Jin Soo Hwang 91459

Sun Tietun, Zhou Nansheng Development of a new type thin-film thermopile infrared detector 75996
Sun Tong *see* Tong Sun
Sun Wanjun *see* Zhang Jingwen 73080
Sun Weidong *see* Weidong Sun
Sun WeiKai *see* WeiKai Sun
Sun Weimin *see* Weimin Sun
Sun Wenfang *see* Wenfang Sun
Sun Wenfeng *see* He Songhua 86560
Sun Wenfeng *see* He Songhua 86561
Sun Wenrong *see* Wenrong Sun
Sun Wern-Jieh *see* Wern-Jieh Sun
Sun Won Chee *see* Chee Sun Won
Sun Xi Sheng *see* Xi Sheng Sun
Sun Xian-Lin *see* Xian-Lin Sun
Sun Xiaobai *see* Xiaobai Sun
Sun Xiaodong *see* Xiaodong Sun
Sun Xiaojun *see* Liu Suying 54004
Sun Xiaosong *see* Xiaosong Sun
Sun Xiaowei, Yang Jie, Yu Yizhong, Long Xiao, Zhang Rui, Shi Hongmin, Duan Zhunguang, Wang Hao High power pulsed laser mode measuring system using planar CCD camera 56847
Sun Xie-Hua *see* Xie-Hua Sun
Sun Xin, Peng Ying-Ning, Liu Qing-Guang, Lu Da-Jin Effect of array errors on performance of 2-D processing in airborne radar and compensation method 75539
Sun Xin *see* Liu Qingguang 97381
Sun Xingping *see* Xingping Sun
Sun Xiudong *see* Zhang Jingwen 73080
Sun Xubin *see* Xubin Sun
Sun Ya-Ming *see* Ya-Ming Sun
Sun Yaming *see* He Jihong 59978
Sun Yanfeng *see* Yanfeng Sun
Sun Yang Kwang *see* Kwang Sun Yang
Sun Yangshen *see* Liu Jin 78239
Sun Yi, Wang Keyu, Yu Jun An automatic coding technique for the image editing of a videotex system 85626
Sun Yi, Yu Jun, Wang Keyu A videotex system under network environment 85627
Sun Yikang *see* Zhou Guangming 10011-1
Sun Ying *see* Ying Sun
Sun Yong *see* Yong Sun
Sun Yongjiie *see* Yongjiie Sun
Sun York-Yih *see* York-Yih Sun
Sun Youxian *see* Zhou Donghua 48757
Sun Yu Ning, Shi Wan Chun TeIF: a data interchange format in test development system (TeDS) 80049
Sun Yuanzhang *see* Li Guojie 75929
Sun Yugeng *see* Xu Xianman 91274
Sun Yuh-Shing *see* Yuh-Shing Sun
Sun Yukun *see* Wang Honghua 100803
Sun Yung-Nein *see* Yung-Nein Sun
Sun Yung-Nien *see* Yung-Nien Sun
Sun Yuping *see* Yuping Sun
Sun Yutian, Xu Yi, Renyuan, T. The calculation of harmonic magnetic field in salient-pole synchronous machines 89863
Sun Yuzhen *see* Zhang Qinghai 67203
Sun Zechang *see* Zechang Sun
Sun Zhanao *see* Zhanao Sun
Sun Zhaoxing *see* Li Wenyan 53916
Sun Zhaoying, Su Zhiyi Service experience with composite outdoor insulation in China 99739
Sun Zhi-Zhong A new class of difference schemes for linear parabolic differential equations 69867
Sun Zhili *see* Zhili Sun
Sun Zhong Liang *see* Zhong Liang Sun
Sun Zhongkang *see* Chen Yongguang 58455
Sun Zhongkang *see* Chen Yongguang 84577
Sun Zhongkang *see* Zhou Yiyu 65865
Sun Zhonglin *see* Jiao Lihong 63569
Sun Zhou, Zheng Zhihao, Xu Ning, Zhang Xiaofeng Study of the growth rate of diamond film by hot-filament CVD 61348
Sun Zhuo *see* Xu Ning 54942
Sun Zhuo *see* Zhuo Sun
Sun-Jeong Lee, Sang-Yong Han The integration of Hidden Markov Model and neural network for word category prediction of Korean language 57431
Sun-Kyu Song, Jung-Hyung Kim, Yong-Jin Kim, Hong-Young Chang On the study of electron cyclotron resonance plasma analysis and film uniformity 70140
Sun-Li Yu *see* Shin-Yeu Lin 79656
Sun-Oo Kim, Hyeong Joon Kim The fabrication and characterization of the n-MOSFET's with Ta_2O_5 gate oxide prepared by PECVD 71676
Sun-Oo Kim, Hyeong Joon Kim Fabrication of n-metal-oxide semiconductor field effect transistor with Ta_2O_5 gate oxide prepared by plasma enhanced metalorganic chemical vapor deposition 93448
Sun-Wah Kiu The up and down distributions of a Wheatstone bridge 52985
Sun-Young Hwang *see* Hong-Shin Jun 80357
Sunabe, K., Inaba, T., Fukagawa, H., Kito, Y. Controllability of arc jet from arc horns with slits 68304
Sunada, G., Jin, J., Berzins, M., Chen, T. COBRA: an 1.2 million transistor expandable column FFT chip 93534
Sunada, T. *see* Tanabe, M. 62423
Sunaga, H. *see* Ohyama, H. 62662
Sunaga, H. *see* Ohyama, H. 71574
Sunaga, H. *see* Tomura, M. 74868
Sunaga, H. *see* Ueda, K. 74842
Sunaga, M., Enomoto, H. Density measurement of railroad ballast by using γ-ray 53061
Sunaga, T. A 30-ns cycle time 4-Mb mask ROM 92242
Sunaga, Y. *see* Oguchi, K. 68726
Sunaga, Y. *see* Oguchi, K. 90163
Sunago, K. *see* Ueda, M. 97956
Sunahara, H. *see* Teraoka, F. 85637
Sunamura, H., Fukatsu, S., Usami, N., Shiraki, Y. Optical detection of interdiffusion in strained $Si_{1-x}Ge_x/Si$ quantum well structures 62437
Sunamura, H. *see* Fukatsu, S. 55603
Sunay, M.Oguz *see* Oguz Sunay, M.
Sunazuka, H. *see* Tanida, M. 92654
Sunchil Kwon *see* Soonchil Lee 82511
Sundar, S. *see* Ravindran, R. 61187
Sundar Rajan, B., Siddiqi, M.U. Transform domain characterization of cyclic codes over Z_m 64320
Sundaram, K.B., Seshan, S.S. Fabrication and characterization of metal-insulator-semiconductor field effect transistors using sputtered silicon nitride film as a gate dielectric 81858
Sundaram, K.B. *see* Desai, V.H. 63281
Sundaram, K.B. *see* Dhere, N.G. 100656
Sundaram, K.B. *see* Lee, K.R. 91563
Sundaram, M., Allen, S.J., Jr., Gossard, A.C. Low-temperature carrier distributions in wide quantum wells of different shapes from capacitance-voltage measurements 81269
Sundaramurthy, C. *see* Desai, S.R. 74853
Sundararajan, D., Omair Ahmad, M., Swamy, M.N.S. A fast FFT bit-reversal algorithm 91405
Sundararaman, C.S., Milhelich, P., Masut, R.A., Currie, J.F. Conductance study of silicon nitride/InP capacitors with an In_2S_3 interface control layer 49828
Sundararaman, R., Li, C.R., Sudarshan, T.S. Influence of surface microstructure on the electric and spectroscopic characteristics of dielectric surface flashover 50153
Sundareshan, M.K. *see* Bui, N. 50610
Sundareshan, M.K. *see* Muhsin, I. 68577
Sundareshan, M.K. *see* Sudharsanan, S.I. 68578
Sundberg, C.-E.W. *see* Nill, C. 95095
Sundberg, C.-E.W. *see* Seshadri, N. 51350
Sundberg, C.E.-W. *see* Wong, W.C. 86178
Sundberg, C.E.W. *see* Cox, R.V. 51343
Sundblad, R. *see* Alippi, C. 53346
Sundblad, R. *see* Alippi, C. 67381
Sundblad, R. *see* Dell'Acqua, A. 87955
Sundblad, R. *see* Dell'Acqua, A. 98680
Sundelin, R.M. *see* Yunn, B.C. 67152
Sunder, S. On the efficient design of digital differentiators 70747
Sunder, S., El-Guibaly, F., Antoniou, A. VLSI implementation of a second-order digital filter 80480
Sunder, S., Ramachandran, R.P. Least-squares design of higher order nonrecursive differentiators 57560
Sunder, S., Ramachandran, V. Design of equiripple nonrecursive digital differentiators and Hilbert transformers using a weighted least-squares technique 84370
Sunderam, V.S. DCL: protocols and primitives for distributed and concurrent computing in networked environments 65306
Sunderam, V.S. *see* Shun Yan Cheung 65307
Sunderland, D. *see* Shahidi, G.G. 71790
Sundermann, J. *see* Puls, W. 59562
Sundermeier, C. *see* Hermes, T. 98154
Sundermeier, C. *see* Knoll, M. 58667
Sundermeier, C. *see* Knoll, M. 97894
Sundersheshu, B.S. *see* Bagai, R.K. 48901
Sundgren, J.-E. *see* Sardela, M.R., Jr. 62398
Sundgren, J.-E. *see* Wahab, Q. 70031
Sundhar, S., Bernstorf, A. Evaluation of naturally-aged polymer insulators and weathersheds 99740
Sundharajan, S., Pahwa, A. Optimal selection of capacitors for radial distribution systems using a genetic algorithm 89211
Sundheimer, M.L., Villeneuve, A., Stegeman, G.I., Bierlein, J.D. Simultaneous generation of red, green and blue light in a segmented KTP waveguide using a single source 63710
Sundheimer, M.L., Villeneuve, A., Stegeman, G.I., Bierlein, J.D. Cascading nonlinearities in KTP waveguides at communications wavelengths 82623
Sundher, A. *see* von Sacken, U. 90361
Sundquist, M. *see* Anderson, D. 87831
Sundstrom, G.A. *see* Salvador, A.C. 52016
Sundstrom, L., Johansson, M. Chip for linearisation of RF power amplifiers using digital predistortion 70302
Sundstrom, L., Johansson, M. Effect of modulation scheme on LINC transmitter power efficiency 96962
Sundstrom, L. *see* Johansson, M. 70307
Sundstrom, M.O. *see* Chun Ye 98307
Sune, C.T. *see* Cha-Mei Tang 92878
Sune, C.T. *see* Jiang Liu 62085
Sunesson, A., Barmann, P., Kroll, S., Walfridsson, L. Laser triggering of electric breakdown in liquids 82169
Sunesson, J.A., Apituley, A., Swart, D.P.J. Differential absorption lidar system for routine monitoring of tropospheric ozone 99193
Sunfu Bu *see* Bu Sunfu
Sung, A.H. *see* Wu, C.J. 84735
Sung, C.-C., Varadan, V.V., Bao, X.-Q., Varadan, V.K. Active torsional vibration control experiments using shear-type piezoceramic sensors and actuators 63108
Sung, C.C. *see* Ruffin, P.B. 87219
Sung, C.C. *see* Sanghadasa, M. 58471
Sung, C.C. *see* Sanghadasa, M. 75587
Sung, D. *see* Wirth, F.H. 83354
Sung, D.K. *see* Roh, S.K. 64990
Sung, H. *see* Louri, A. 63509
Sung, H.H. *see* Yang, H.C. 56275
Sung, J. *see* Razavi, B. 91958
Sung, J.J. *see* Liu, C.T. 63025
Sung, J.J. *see* Liu, T.M. 82092
Sung, J.M., Chiu, T.Y., Lau, K., Liu, T.M., Archer, V.D., Razavi, B., Swartz, R.G., Erceg, F.M., Ling, M.P., Moerschel, K.G., Prozonic, M.A., Long, T.P. Optimization of collector-substrate capacitance for mixed signal low power BiCMOS 71827
Sung, J.M. *see* Liu, T.M. 61659
Sung, K.M. *see* Kim, J.Y. 73805
Sung, K.T., Pang, S.W. Characterization of etch-induced damage for Si etched in Cl_2 plasma generated by an electron cyclotron resonance source 93214
Sung, M.M., Al-Bayati, A.H., Kim, C., Rabalais, J.W. Mass and charge selection of pulsed ion beams using sequential deflection pulses 87893
Sung Bae Keun *see* Keun Sung Bae
Sung Bae Kim *see* Kiho Kim 57613
Sung Bin Kim, Jong Kyu Lee Performance analysis of a flooding search scheme in a grid topology circuit-switched network using common channel signaling 85247
Sung Bo Hwang, Kyeong Keun Choi, Heung Lak Park, Chul Gi Ko The optimization of the selective CVD tungsten process using statistical methodology 71426
Sung Chan Ko, In Kwan Hwang, Hyung Jin Choi A proposal of practical frequency assignment algorithm to minimize IMPs 75371
Sung Chan Ko, In Kwan Whang, Hyung Jin Choi A study on an efficient method to evaluate intermodulation product 92897
Sung Chih-Yuan *see* Chih-Yuan Sung
Sung Choi Min *see* Min Sung Choi
Sung Chun Kim *see* Kim Sung Chun
Sung Dan Keun *see* Dan Keun Sung
Sung Doo Joh *see* Sang Bae Yi 70495
Sung Gun Yong *see* Gun Yong Sung
Sung Han Ha *see* Jae Ho Kim 65229
Sung Ho Choh *see* Jae Kap Jung 58953
Sung Hong Hahn *see* Sok Won Kim 76242
Sung Hongki *see* Hongki Sung
Sung Hoon Yang *see* Ho Seong Lee 83099
Sung Il Chien *see* Soon Yong Park 64870
Sung Il Yong *see* Jong Woo Choi 68785
Sung Janmye *see* Janmye Sung
Sung joon Kim *see* Dae jeong Kim 70698
Sung Jun Oh, Shin, Y.C., Furgason, E.S. Surface roughness evaluation via ultrasonic scanning 91665
Sung K. Park Cluster finding algorithm for ZEUS trigger 76833
Sung Ki Kim, Chang Park, Myung Hak Hwang, Jin Jang RF power and hydrogen dilution effects on the properties of poly-Si films deposited at low substrate temperature by RPCVD 70141
Sung Ki Kim *see* Kyu Chang Park 91592
Sung Kim Cheol *see* Cheol Sung Kim
Sung Kim Ho *see* Kim Ho Sung
Sung Koo Ha *see* Ha Sung Koo
Sung Laih Chi *see* Chi Sung Laih
Sung Lee Bu *see* Lee Bu Sung
Sung Lee Noh *see* Noh Sung Lee
Sung Mo Hong, Tae Young Won Reliability analysis of CMOS circuits on electrostatic discharge 71795
Sung Paik Jong *see* Jong Sung Paik
Sung Pil Lyu A method of the linear approximation of digital curves by the separate rotation of two strip lines 61162
Sung Seo Ki *see* Ki Sung Seo
Sung Shik Yoo, Kemei Wang, Montano, P.A., Faurie, J.-P., Qiang Huang, Rodricks, B. Fast photoconductor CdTe detectors for synchrotron X-ray studies 88040
Sung Sun Ju *see* Ju Sung Sun
Sung Tae Jung, Chu Shik Jhon A synthesis algorithm for speed-independent circuits from deterministic signal transition graphs 80219
Sung Wonyong *see* Wonyong Sung
Sung Wook Han *see* Hwan Seong Moon 61965
Sung Woon Im, Woo Hyen Kwon, Gyu Hyeong Cho Output voltage ripple analysis of quantum series resonant converter 92440
Sung Yong Kim, Seung Hee Lee, Cheol Su Kim, Jeong Woo Kim, Jang Keun Bae, Soo Joong Kim Efficient Korean character recognition using partial distortion invariant MACE composite filter 74391
Sung-Cheng Huang *see* Chinn, G. 98830
Sung-Cheol Park *see* Dong-Seog Han 75645

Sung-Chien Lin *see* Lin-Shan Lee 95300
Sung-Chuan Fang *see* Jyh-Ming Wang 70383
Sung-Chul Shin *see* Jeen Hur 76165
Sung-Hwan Jung, Mitra, S.K. Improved DCT-based image coding and decoding methods for low-bit rate applications 64684
Sung-Hyuk Byun, Dan Keun Sung A universal multistage interconnection network for large scale ATM switches 75082
Sung-I Lin *see* Jia-Jin J Chen 98905
Sung-Lin Hsu *see* Tsung-Shune Chin 49015
Sung-Mo Kang *see* Diaz, C.H. 50067
Sung-Mo Kang *see* Diaz, C.H. 93662
Sung-Soo Kim *see* Hee-Joong Yun 71240
Sung-Won Kang *see* Won-Gu Kang 93465
Sung-Won Kwon, Young-Tae Park, Rae Duk Lee Evaluation of AC-DC transfer differences of the thermal voltage converters for the national standard of AC voltage 75831
Sung-Won Kwon *see* Kyu-Tae Kim 86849
Sung-Won Kwon *see* Yong-Myung Cho 78783
Sung-Wook Lim *see* Noh-Jung Kwak 70022
Sungar, N. *see* Sharpe, J.P. 85103
Sungchang Lee, Chimoon Han A cost-effective self-routing permutation network 85261
Sungen, Z. *see* Kornilov, G.V. 99371
Sungho Kang, Szygenda, S.A. Design validation: comparing theoretical and empirical results of design error modeling 55047
Sungho Kang, Wai-On Law, Underwood, B. Path-delay fault simulation for a standard scan design methodology 92041
Sungjin Huh *see* Wanjik Lee 96233
Sungjoon Kim, Kyeongho Lee, Deog-Kyoon Jeong, Yunho Choi A pseudo-synchronous skew-insensitive I/O scheme for high bandwidth memories 70430
Sungjoon Kim *see* Kyeongho Lee 75134
Sungsoo Kang *see* Manseop Lee 85881
Sungsoo Park *see* Joonwoo Lee 55896
Sungur, M., Halici, U. Solving the serializability problem by a connectionist machine 54721
Suni, I. *see* Rando, N. 82355
Suni, P., Tsai, V., Vutz, P. 4 K×2 K pixel three-side buttable scientific CCD imager design and fabrication 66476
Sunil, K. *see* Ajithkumar, G. 69916
Suning Tan *see* Chen, R.T. 72395
Suning Tang, Chen, R.T. 1-to-42 optoelectronic interconnection for intra-multichip-module clock signal distribution 56589
Suning Tang, Chen, R.T., Peskin, M.A. Packing density and interconnection length of a highly parallel optical interconnect using polymer-based, single-mode bus arrays 56575
Suning Tang *see* Chen, R.T. 57001
Suning Tang *see* Li, M.M. 72393
Sunkavalli, R., Baliga, B.J., Huang, Y.S. High temperature performance of dielectrically isolated LDMOSFET, LIGBT and LEST 93437
Suntharalingam, V. *see* Jingya Hou 100698
Suntharalingam, V. *see* Sanghoon Bae 100697
Sunwoo, J.S. *see* Park, J.T. 74688
Suo, Z., Wang, W. Diffusive void bifurcation in stressed solid 93253
Suo, Z. *see* He, M.-Y. 82198
Suoranta, R., Estola, K.-P. New class of order statistic filters for running median estimation 80453
Sup Cho Guang *see* Guang Sup Cho
Sup Kwak Kyung *see* Kyung Sup Kwak
Sup Song Yang *see* Yang Sup Song
Suparno, Deurloo, K., Stamatelopolous, P., Srivastva, R., Thomas, J.C. Light scattering with single-mode fiber collimators 94115
Supe, S.J. *see* Bhatt, B.C. 88606
Super, T.M., Walvick, E.A. The role of copper and fiber in the evolution to broadband 85966
Superti Furga, G., Pinola, L. The mean generalized content: a conservative quantity in periodically-forced nonlinear networks 70264
Superti-Furga, G. *see* Cristaldi, L. 59700
Suppan, L.P. *see* Liang, G.-C. 98254
Suppan, L.P. *see* Zhang, D. 98287
Suppan, L.P., Jr. *see* Guo-chun Liang 53038
Suppappola, S., Ying Sun Nonlinear transforms of ECG signals for digital QRS detection: a quantitative analysis 67538
Supper, R. *see* Engler, J. 67334
Supriyanovich, V.F. *see* Doroshenko, A.S. 72545
Supronowicz, H., Platek, T. On the theory of instantaneous power in three-phase systems and its application in the algorithms for reactive power compensators' control 99506
Suqin Qi *see* Qi Suqin
Suquan Zhou *see* Zhou Suquan
Sura, J. *see* Ciavola, G. 53165
Surampudi, B., Langari, G. A fuzzy cancellation of stick-slip in DC motors 78653
Surampudi, S. *see* Nagasubramanian, G. 68971
Suran, G., Ouahmane, H., Iglesias, I., Rivas, M., Corrales, J.A., Contreras, M.C. Variations of the local anisotropy versus Tb content in amorphous CoZrTb thin films 82246
Suran, G., Ouahmane, H., Sztern, J. Magnetic anisotropy induced by field applied during deposition in sputtered amorphous CoZr-rare earth thin films 50223
Suranyi, G.G. Powering DC-DC converters in a distributed system 68702
Suranyi, G.G. *see* Miles, F.M. 49143
Surdacki, P. *see* Janowski, T. 50433
Surdo, A. *see* Farilla, A. 52772
Sureau, A. *see* Jamelot, G. 50729
Sureau, A. *see* Rus, B. 50724
Sureda, S. *see* Castaner, L.M. 49973
Surendra, M. *see* Joubert, O. 55776
Surendra, M. *see* Joubert, O. 93223
Suresh, M. *see* Lakshmikantam, Ch. 61481
Suresh, M.S. Impedance of nickel/cadmium cells with nylon separator hydrolysate 68977
Suresh, M.S., Subrahmanyan, A. Effects of charged open-stand in nickel/hydrogen cells 68978
Suresh, P.V., Chaudhuri, D., Rao, B.V.A. Fuzzy-set approach to select maintenance strategies for multistate equipment 90876
Suresh, R. Human resource management—new paradigms 69455
Suresh, S. *see* Shen, Y.-L. 48691
Suresh Babu, B.N., Torres, J.A. Adaptive airborne radar simulation with equalization filter taps 52623
Suresh Santhanam *see* Jaekyong Cho 82748
Surette, E. Case study: ODC elimination for hybrid microcircuit subassemblies 81098
Surette, R.A., Waker, A.J. Workplace monitoring of swipes and air filters for ^{55}Fe 88585
Surette, R.A., Waker, A.J. Workplace monitoring of swipes and air filters for ^{55}Fe 99022
Surganov, V. Planarized thin film inductors and capacitors for hybrid integrated circuits made of aluminum and anodic alumina 81093
Suri, C.Raman *see* Raman Suri, C.
Suri, R. *see* Zazanis, M.A. 91207
Suri, S., Tipper, D., Meempat, G. A comparative evaluation of space priority strategies in ATM networks 64928
Suri, S. *see* Agarwal, P.K. 91299
Suri Niranjan *see* Niranjan Suri
Suriano, J.R., Ong, C.-M. Variable reluctance motor structures for low speed operation 68554
Surig, C., Zimmermann, G., Hempel, K.A. Transverse susceptibility and ferromagnetic resonance of Hi-8 metal-evaporated tape 63176
Surin, V.G., Parfinskii, V.A. A simple instrument to measure thermal-radiation spectral coefficients 52842
Surinach, S. *see* Hewak, D.W. 56726
Surkov, M.N. *see* Senina, I.S. 51480
Surma, I.V. *see* Shvedunov, V.I. 76343
Surovic, C.W. *see* Deutsch, A. 92657
Surowiak, Z., Czekaj, D., Dudkevich, V.P., Bakirow, A.A., Sem, J.M., Sviridov, E.V. Peculiarities of the switching process in polycrystalline thin ferroelectric films of PZT-type 71003
Surridge, R.K. *see* Zhang, Q.M. 93332
Surve, S. *see* Tong Wang 81549
Surya, G. *see* Subbarao, M. 84687
Surzhik, T.V. *see* Reztsov, V.F. 90022
Susaki, M., Yamamoto, N., Horinaka, H., Wen Zheng Huang, Cho, Y. Performance of $AgGaS_2$ crystal filter for Raman spectroscopy 56507
Susaki, W. *see* Gamo, Y. 60860
Susanto, A., Valtierra, H. Analysis of distribution ground rod deterioration over time 89373
Susen Ma *see* Ma Susen
Sushico, I. *see* Maistrenko, V. 61588
Sushil Flexible systems approach to management in a borderless world 69457
Sushilov, N.V. *see* Alekseev, A.V. 63900
Sushko, A.M. *see* Petrov, V.V. 72288
Sushko, M.S.K. Technical aspects of a IVHS DGPS broadcast service using RBDS 65975
Sushko, V.I. *see* Gushcha, A.O. 87307
Sushkov, V. *see* Chen, M. 67340
Sushkov, V.V. *see* Akimov, D.Yu. 67344
Susi, M. Optical amplifiers in cable TV trial networks 52711
Susini, C., Paloscia, S., Pampaloni, P., Ruisi, R. The use of the Special Sensor Microwave Imager (SSM/I) for detecting land surface features in Europe 77664
Susinno, G. *see* Adam, A. 88087
Susinno, G. *see* Adriani, O. 88023
Susinno, G. *see* Ambrosi, G. 53302
Susinno, G. *see* Battiston, R. 53350
Susinno, G.F. *see* Adam, A. 88102
Susinno, G.F. *see* Chemarin, M. 98516
Suslenschi, P., Bourdin, E. SAFARI — an advanced C3I approach to crisis management 77773
Suslenschi, P. *see* Carcagno, D. 77771
Suslov, A. *see* Bychkov, Yu. 50746
Susser, M. *see* Demattio, H. 97965
Susser, M. *see* Heller, R. 82483
Susta, J., Kneisel, P., Wiseman, M. Performance of a 1500 MHz niobium cavity with 2K-LHe channel cooling 67141
Suszynski, R. *see* Wawryn, K. 70688
Sutano, D. *see* Samaan, N. 69389
Sutanto, D. *see* Lachs, W.R. 59737
Sutanto, D. *see* Lachs, W.R. 77965
Sutanto, D. *see* Prasetijo, D. 88999
Sutardja, P. *see* Shafiee, H. 50349
Sutariya, R.M. *see* Luke, S.R. 54586
Sutchkov, S.I. *see* Bolotnikov, A.E. 67415
Sutcliffe, J.F., Smye, S.W., Smith, M.A. An investigation of an electromagnetic method for the measurement of body composition 88358
Sutej, T. *see* Ilic, R. 88161
Suter, B.W., Oxley, M.E. On variable overlapped windows and weighted orthonormal bases 74188
Suter, B.W. *see* O'Hair, J.R. 84280
Suter, B.W. *see* Xia, X.-G. 57592
Suter, D. Motion estimation and vector splines 84705
Suter, J.J., Poret, J.C., Bhatnagar, V. Bidirectional RF-modulated fiber-optic link for intra-satellite communications 67729
Suter, J.J., Poret, J.C., Rosen, M., Rifkind, J.M. Ionizing radiation detector using multimode optical fibers 59112
Suter, J.J. *see* Poret, J.C. 63414
Suthaharan, S. A new SNR estimate for the Wiener filter to image restoration 64663
Suthaharan, S., Ray, S. Image minimization and maximization for MSE estimation of Γ in image restoration 64662
Sutheparuks, L. *see* Ditsariyakul, P. 67882
Suther, T.W., Sharkey, A. Customer requirements research: providing input to quality function deployment 54561
Sutherland, I.A. *see* Thomas, D.C. 67577
Sutherland, J., Rajasekharan, K., Krusius, J.P. Coupling simulations for passively aligned optical interconnect arrays 94310
Sutherland, J.M. *see* Ruan, S. 72767
Sutherland, J.M. *see* Ruan, S. 83014
Sutherland, K. *see* Ramsay, C.S. 84671
Sutherland, P.E. Harmonic measurements in industrial power systems 68339
Sutherland, R.J. Energy efficiency or the efficient use of energy resources? 68360
Sutherland, S.F. *see* Hogan, S.J. 100726
Sutherland, S.F. *see* Nowlan, M.J. 90429
Suthers, M.S. *see* Saw, J.C.B. 96966
Sutkovoy, P.I. *see* Budnik, N.N. 87114
Sutkus, K., Shum, K., Alfano, R.R., Delfyett, P.J. Effect of carrier heating on the wavelength chirp of ultrashort laser pulses in semiconductor traveling wave amplifiers 50834
Sutlieff, C. Automated design of ASIC libraries 80032
Sutliff, L.G. *see* Seidel, S.Y. 65670
Sutliff, L.G. *see* Varma, V.K. 86646
Sutlovic, E. Data base for electric power plant design 89164
Suto, H., Nishimura, K., Matsuhiro, K., Yano, T., Date, S., Komatsu, T., Ino, M. Design technologies for 0.5 μm BiCMOS full-custom LSIs 50108
Suto, K. *see* Kikushima, K. 65754
Suto, K.-I. *see* Yoneda, E. 52565
Sutoh, T., Suzuki, H. Large-scale generator maintenance scheduling using simulated evolution method 78559
Sutton, C.M. The pressure balance as an absolute pressure standard 66731
Sutton, C.M. In situ measurement of resistance thermometer self-heating and response time 75919
Sutton, C.S. *see* Brown, B.L. 87797
Sutton, D. *see* Noack, J. 59281
Sutton, M. *see* Rubin, A. 51407
Sutton, M.A. *see* Perng-Fei Luo 51714
Sutton, R. Validating high-mix assembly 92771
Sutton, R.L. Evaluating the 'real' cost of ownership 79208
Sutton, S.B. *see* Hamilton, C.E. 94433
Sutu, Y.-H. *see* Yeung, N.K. 92284
Sutugin, N.N. *see* Isaev, G.A. 88737
Suvorov, G.V. *see* Osipov, O.I. 60498
Suwa, M. *see* Furutani, K. 49417
Suwabe, S., Wong, B.Y., Laughlin, D.E. Microstructural investigations of fine grain Co-Hf-C films 50235
Suwada, T., Urano, T., Lazos, A., Kobayashi, H. Development of a stripline-type position monitor for the KEK electron/positron linac 98474
Suwada, T. *see* Kamitani, T. 87822
Suwada, T. *see* Ogawa, Y. 76617
Suwada, T. *see* Ohsawa, S. 76312
Suwazono, S. *see* Morimoto, M. 97662
Suwazono, S. *see* Mutoh, N. 98090
Suwei Zhou, Chen Liang, Rogers, C.A. A dynamic model of piezoelectric actuator-driven thin plates 82209
Suwijanto *see* Kouda, R. 77241
Suyama, K. *see* Tsividis, Y.P. 49998
Suyama, M., Hirano, K., Asakura, N., Kamiya, A., Kawai, Y., Suzuki, S., Morita, T., Tanaka, H., Muramatsu, M., Yamamoto, K. Fundamental investigation of vacuum PD tube [photodiode] 82818
Suyama, M., Hirano, K., Asakura, N., Kamiya, A., Kawai, Y., Suzuki, S., Morita, T., Tanaka, H., Muramatsu, M., Yamamoto, K. Fundamental investigation of vacuum PD tube 94271
Suyama, M., Miyake, Y. Trends in Mitsubishi Electric's fibre-optic communication products 86354
Suyama, M., Terahara, T., Kinoshita, S., Chikama, T., Takahashi, M. Suppression of gain bandwidth narrowing in a 4 channel WDM system using unsaturated EDFAs and a 1.53 μm ASE rejection filter 63700
Suyama, M. *see* Desthieux, B.M. 83018

Suyama, S., Okamoto, A., Shirai, S., Serikawa, T. Low-temperature formation of gate-SiO_2 films for poly-Si TFTs by O_2-Ar sputtering 49009
Suyama, S. *see* Wakiwaka, K. 60251
Suyazov, N.V. *see* Lyakhov, G.A. 99282
Suyenobu, B.Y. *see* Sterman, M.B. 99054
Suyi *see* Gangyao Kuang 86563
Suying Liu *see* Liu Suying
Suyitno, A., Strefezza, M., Dote, Y. Variable-structured robust control by fuzzy logic and stability analysis for AC drive system 78870
Suyitno, A. *see* Dote, Y. 78561
Suyitno, A. *see* Dote, Y. 100799
Suyitno, A. *see* Dote, Y. 100833
Suys, M. *see* Meunier, M. 62511
Suys, M. *see* Meunier, M. 71412
Suyut, S. *see* Hossain, A. 68668
Suzaki, H. *see* Ida, M. 86240
Suzaki, S. *see* Aizawa, T. 94195
Suzaki, T. *see* Soda, M. 97327
Suzaki, Y., Shikama, T., Kakiuchi, H., Yoshi, K., Kawabe, H. Quantum size effects of a-Si(:H)/a-SiC(:H) multilayer films prepared by rf sputtering 81248
Suzuki, A., Kato, H. A novel synchronous timing control for 200 MHz mega-bits BiCMOS SRAM at 2.5 V operation 70539
Suzuki, A. *see* Haseba, K. 97628
Suzuki, A. *see* Hayama, H. 87393
Suzuki, A. *see* Hisamatsu, T. 100452
Suzuki, A. *see* Matsuki, H. 67625
Suzuki, A. *see* Saitoh, Y. 59075
Suzuki, A. *see* Suzuki, S. 55526
Suzuki, A. *see* Tomomura, Y. 72823
Suzuki, A. *see* Washio, H. 99102
Suzuki, A. *see* Yoshioka, K. 100566
Suzuki, C.K. *see* Torikai, D. 87611
Suzuki, D., Kuriki, S., Matsuda, M. Operation of high T_c dc-SQUIDs in dc and ac bias flux-locked loop 93960
Suzuki, E. *see* Hlasnik, I. 82310
Suzuki, F. *see* Tanaka, S. 50234
Suzuki, G. *see* Yamamuro, M. 52006
Suzuki, H. On distance-biregular graphs of girth divisible by four 48801
Suzuki, H. On distance-regular graphs with $k_i = k_j$ 54681
Suzuki, H. Signal transmission characteristics of diversity reception with least-squares combining relationship between desired signal combining and interference canceling 64165
Suzuki, H. Adaptive signal processing for optimal transmission in mobile radio communications 65701
Suzuki, H. Movement toward ATM standardization 96746
Suzuki, H. Disposable Clark oxygen electrode using recycled materials and its application 97881
Suzuki, H., Fukawa, K. A reception scheme switching between equalization and differential detection in frequency selective fading mobile radio channels—delay-spread detection and adaptive reception control 65617
Suzuki, H., Imamura, T., Hasuo, S. Sense junction response in a capacitively coupled Josephson memory cell 49434
Suzuki, H., Kawamura, H., Akiyama, T., Takahashi, N. A method for automatic evaluation of fault effects in the advanced intelligent network 75112
Suzuki, H., Koga, H., Natori, K., Fujiwara, N. A review of the control system of AC induction motor for electric vehicles (EVs) 54195
Suzuki, H., Sugama, A. Micromachined glass electrode 66262
Suzuki, H. *see* Fan, R. 96913
Suzuki, H. *see* Fukawa, K. 57450
Suzuki, H. *see* Fukawa, K. 65705
Suzuki, H. *see* Honda, Y. 72150
Suzuki, H. *see* Ikeda, C. 65285
Suzuki, H. *see* Iso, M. 99704
Suzuki, H. *see* Kakeya, M. 58243
Suzuki, H. *see* Kamiyama, S. 49435
Suzuki, H. *see* Kamiyama, S. 55438
Suzuki, H. *see* Kamiyama, S. 93536
Suzuki, H. *see* Kawasaki, M. 70123
Suzuki, H. *see* Kimura, I. 65482
Suzuki, H. *see* Kinoshita, M. 87459
Suzuki, H. *see* Kiyono, S. 87504
Suzuki, H. *see* Nakagawa, S. 84120
Suzuki, H. *see* Nakajima, T. 53364
Suzuki, H. *see* Nakajima, T. 53364
Suzuki, H. *see* Nakajima, T. 95440
Suzuki, H. *see* Nakamura, K. 92228
Suzuki, H. *see* Nakamura, K. 92237
Suzuki, H. *see* Nakanishi, Y. 78123
Suzuki, H. *see* Saitoh, Y. 59075
Suzuki, H. *see* Sato, K. 99119
Suzuki, H. *see* Shiiyama, K. 76146
Suzuki, H. *see* Sutoh, T. 78559
Suzuki, H. *see* Suzuki, S. 55526
Suzuki, H. *see* Takahashi, J.-Y. 48788
Suzuki, H. *see* Takasugi, H. 97259
Suzuki, H. *see* Taniguchi, K. 65363
Suzuki, H. *see* Tomisato, S. 65706
Suzuki, H. *see* Tomisato, S. 86105
Suzuki, H. *see* Usuki, T. 82368
Suzuki, H. *see* Yamaguchi, M. 54139
Suzuki, H. *see* Yonehara, H. 76341
Suzuki, H. *see* Yoshida, M. 96713
Suzuki, I. *see* Xiuying, G. 61264
Suzuki, I. *see* Xiuying Gong 56525
Suzuki, I. *see* Yamaguchi, T. 62232
Suzuki, J., Fujii, T., Sawabe, T. Super high definition image coding algorithms and its processing system 64872
Suzuki, J. *see* Shimamura, T. 74182
Suzuki, J. *see* Shimamura, T. 95480
Suzuki, J. *see* Yara, T. 79949
Suzuki, K. Information engineering architecture for strategic network operations and management platforms 51991
Suzuki, K. Study on fine patterning processes with a thick resist 62614
Suzuki, K. Analytical collector current density and base transit time models for high-injection regions 62708
Suzuki, K., Hayashi, K., Fujimoto, M., Yamaguchi, K., Yoshikawa, S., Enomoto, Y. Third order intermodulation distortion in HTS Josephson junction downconverter at 12GHz 93932
Suzuki, K., Hayashi, K., Murphy, A.T., Fujimoto, M., Yoshikawa, S., Yamaguchi, K., Enomoto, Y. Y-Ba-Cu-O mixer antenna array at 23 GHz 83878
Suzuki, K., Iwatsuki, K., Nishi, S., Samwatari, M., Kitoh, T. 160 Gb/s sub-picosecond transform-limited pulse signal generation utilizing adiabatic soliton compression and optical time-division multiplexing 50831
Suzuki, K., Iwatsuki, K., Nishi, S., Saruwatari, M. 160 Gbit/s single polarisation subpicosecond transform limited pulse signal demultiplexing using ultrafast optical loop mirror including MQW travelling wave semiconductor laser amplifier 52552
Suzuki, K., Iwatsuki, K., Nishi, S., Saruwatari, M. Error-free demultiplexing of 460 Gbit/s pulse signal using optical loop mirror including semiconductor laser amplifier 86410
Suzuki, K., Kozono, S., Kimura, K., Wakana, H. Tracking and control system for feeder-link earth station 88724
Suzuki, K., Shimomura, K., Eda, A., Muro, K. Low-noise diode-pumped intracavity-doubled laser with off-axially cut Nd:YVO_4 94432
Suzuki, K., Tanaka, T., Tosaka, Y., Sugii, T., Andoh, S. Source/drain contact resistance of silicided thin-film SOI MOSFET's 62796
Suzuki, K., Yamashina, M., Nakayama, T., Izumikawa, M., Nomura, M., Igura, H., Heiuchi, H., Goto, J., Inoue, T., Koseki, Y., Abiko, H., Okabe, K., Ono, A., Yano, Y., Yamada, H. A 500 MHz 32b 0.4 μm CMOS RISC processor LSI 92288
Suzuki, K. *see* Baba, T. 56774
Suzuki, K. *see* Baba, T. 94530
Suzuki, K. *see* Greer, E.J. 94411
Suzuki, K. *see* Idoue, A. 74957
Suzuki, K. *see* Kozono, S. 88723
Suzuki, K. *see* Kubota, E. 91632
Suzuki, K. *see* Makino, A. 68674
Suzuki, K. *see* Mameno, K. 49875
Suzuki, K. *see* Masuda, K. 67337
Suzuki, K. *see* Miyata, S. 61706
Suzuki, K. *see* Motai, T. 71627
Suzuki, K. *see* Motai, T. 71627
Suzuki, K. *see* Nagatsuma, T. 58407
Suzuki, K. *see* Nakajima, K. 76627
Suzuki, K. *see* Nakazawa, M. 75509
Suzuki, K. *see* Nakazawa, M. 97250
Suzuki, K. *see* Nomura, M. 49485
Suzuki, K. *see* Ohtsubo, Y. 100183
Suzuki, K. *see* Sakamoto, M. 59077
Suzuki, K. *see* Sato, Y. 68868
Suzuki, K. *see* Sekimoto, Y. 67333
Suzuki, K. *see* Tanaka, T. 71698
Suzuki, K. *see* Tanaka, T. 93377
Suzuki, K. *see* Uchikoga, S. 81861
Suzuki, K. *see* Yamada, E. 73015
Suzuki, K. *see* Yamaguchi, I. 93959
Suzuki, K. *see* Yamaguchi, K. 93968
Suzuki, K. *see* Yamamoto, Y. 73099
Suzuki, K. *see* Yoshikawa, S. 93966
Suzuki, K.-I. *see* Kawai, S. 65765
Suzuki, M., Edagawa, N., Taga, H., Tanaka, H., Yamamoto, S., Akiba, S. Feasibility demonstration of 20 Gbit/s single channel soliton transmission over 11500 km using alternating-amplitude solitons 65832
Suzuki, M., Edagawa, N., Taga, H., Tanaka, H., Yamamoto, S., Akiba, S. 10 Gb/s, over 12200 km soliton data transmission with alternating-amplitude solitons 75420
Suzuki, M., Hamazaki, Y., Sakamoto, K., Tsukamoto, M., Okada, Y. A high speed optical bus network system consisting of optical fiber and star coupler 97222
Suzuki, M., Homma, T., Koga, H., Tanigawa, T., Murao, Y. A fully planarized multilevel interconnection technology using selective TEOS-Ozone APCVD 62530
Suzuki, M., Kawahara, N., Hoshizaki, H., Imura, T. Fabrication of Josephson junctions by focused electron beam irradiation 56263
Suzuki, M., Matsuda, T., Inagaki, K., Sasaki, H., Usui, M., Hori, M. Study of protection scheme for 1000 kV networks 89357
Suzuki, M., Sasaki, H., Otoshi, S., Kajimura, A., Sugiura, N., Ippommatsu, M. High performance solid oxide fuel cell cathode fabricated by electrochemical vapor deposition 70137
Suzuki, M., Sasaoka, H. Frequency re-using pattern for forward link of orthogonal CDMA cellular systems 97132
Suzuki, M., Takahashi, T., Awaya, Y., Oura, M., Mizogawa, T. A proportional scintillation X-ray imaging chamber and its performance 88002
Suzuki, M., Yamada, Y., Tsuchida, N., Imai, K. A study on position detection and control system of self-movable micro robot. I. Construction of self-movable micro robot 90025
Suzuki, M., Yoshimura, N., Kimura, O., Awata, M. Monte Carlo simulation for color changes caused by an inter-reflection light 78992
Suzuki, M. *see* Aoki, M. 72424
Suzuki, M. *see* Aoki, M. 72918
Suzuki, M. *see* Aoki, M. 97282
Suzuki, M. *see* Chen, M. 67340
Suzuki, M. *see* Fernando, C.A.N. 78781
Suzuki, M. *see* Fukuoka, H. 82264
Suzuki, M. *see* Futamoto, M. 71971
Suzuki, M. *see* Honda, Y. 50303
Suzuki, M. *see* Inaba, N. 63177
Suzuki, M. *see* Inoue, T. 88885
Suzuki, M. *see* Ishida, N. 67339
Suzuki, M. *see* Kaneko, F. 62031
Suzuki, M. *see* Kawamura, T. 58253
Suzuki, M. *see* Kawamura, T. 70428
Suzuki, M. *see* Miyahara, K. 93952
Suzuki, M. *see* Nagai, Y. 52013
Suzuki, M. *see* Nagai, Y. 96469
Suzuki, M. *see* Nagamine, F. 100678
Suzuki, M. *see* Okai, M. 63758
Suzuki, M. *see* Okai, M. 72798
Suzuki, M. *see* Oura, Y. 68044
Suzuki, M. *see* Saiki, A. 62438
Suzuki, M. *see* Sasaki, M. 67855
Suzuki, M. *see* Sasaki, T. 94211
Suzuki, M. *see* Shibayama, A. 81735
Suzuki, M. *see* Taga, H. 52554
Suzuki, M. *see* Toyoda, T. 61466
Suzuki, M. *see* Uenoyama, T. 71279
Suzuki, M. *see* Watanabe, S. 92925
Suzuki, M. *see* Wood, T.H. 72445
Suzuki, M. *see* Yamaguchi, T. 61355
Suzuki, M. *see* Yokota, T. 77371
Suzuki, N., Fukinuki, T., Kageyama, M., Ishikura, K., Yoshigi, H. Multiplexing scheme of helper signals on bars in EDTV-II 97644
Suzuki, N., Ishii, O., Michikami, O. High T_c superconductor joint with low loss and high strength 93906
Suzuki, N., Ishikawa, M. A frequency response model in multiquantum well lasers with unequilibrium carrier transport 94481
Suzuki, N., Itoh, K., Nagai, Y., Michikami, O. Electromagnetically coupled superconductive thin-film small antennas 50438
Suzuki, N., Sasaki, T., Kohno, R., Imai, H. An error-controlling scheme according to the importance of individual segments of model-based coded facial images 95748
Suzuki, N. *see* Araki, T. 66681
Suzuki, N. *see* Harada, K. 61563
Suzuki, N. *see* Hayashi, T. 82512
Suzuki, N. *see* Ichikawa, Y. 78738
Suzuki, N. *see* Kaneko, K. 78643
Suzuki, N. *see* Maekawa, H. 75991
Suzuki, N. *see* Matsumoto, H. 89783
Suzuki, N. *see* Morinaga, M. 50862
Suzuki, N. *see* Nagai, Y. 92513
Suzuki, N. *see* Suemasu, T. 93342
Suzuki, N. *see* Suemasu, T. 93486
Suzuki, N. *see* Taguchi, K. 97325
Suzuki, N. *see* Tohyama, M. 50861
Suzuki, N.K. *see* Toeda, H. 98212
Suzuki, O. *see* Kuwahara, H. 93366
Suzuki, R. *see* Ban, H. 88356
Suzuki, R. *see* Miura, R. 75296
Suzuki, R. *see* Muramatsu, S. 91594
Suzuki, R. *see* Ohgaki, H. 87963
Suzuki, R. *see* Yamazaki, T. 94544
Suzuki, S., Hidaka, A., Yoshida, T., Fukuda, M., Oguma, T. "Panorama Eye" for room air conditioners 79026
Suzuki, S., Himeno, A., Tachikawa, Y., Yamada, Y. Multichannel optical wavelength selective switch with arrayed-waveguide grating multiplexer 65834
Suzuki, S., Inoue, Y., Ohmori, Y. Polarisation-insensitive arrayed-waveguide grating multiplexer with SiO_2-on-SiO_2 structure 50550
Suzuki, S., Kawachi, M. Planar lightwave circuits based on silica waveguides on silicon 72421
Suzuki, S., Miura, T., Kawasaki, M. $Sm_2Fe_{17}N_x$ bonded magnets with high performance 50197
Suzuki, S., Nakaya, T., Suzuki, A., Suzuki, H., Yoshioka, K., Yoshizawa, Y. PMTs of superior time resolution, wide dynamic range, and low cross-talk, multi-anode PMTs 55526
Suzuki, S., Nohara, T. Universal personal telecommunication 96529
Suzuki, S., Yanagisawa, M., Hibino, Y., Oda, K. High-density integrated planar lightwave circuits using SiO_2-GeO_2 waveguides with a high refractive index difference 63451

Suzuki, S., Yoshikawa, H., Hori, T., Yanagida, K., Mizuno, A., Tamezane, K., Mashiko, K., Yokomizo, H. Initial data of linac preinjector for SPring-8 67046
Suzuki, S. *see* Ariki, T. 71220
Suzuki, S. *see* Benetti, P. 67327
Suzuki, S. *see* Benetti, P. 67328
Suzuki, S. *see* Cennini, P. 67285
Suzuki, S. *see* Cennini, P. 76755
Suzuki, S. *see* Demura, T. 92280
Suzuki, S. *see* Haruyama, T. 94010
Suzuki, S. *see* Higuma, T. 90681
Suzuki, S. *see* Imamoto, M. 66596
Suzuki, S. *see* Iseki, Y. 72679
Suzuki, S. *see* Ishida, O. 97293
Suzuki, S. *see* Kawasaki, T. 93694
Suzuki, S. *see* Kimura, Y. 81512
Suzuki, S. *see* Kitamura, O. 71331
Suzuki, S. *see* Kitamura, O. 71343
Suzuki, S. *see* Kobayashi, T. 81429
Suzuki, S. *see* Kyushima, H. 81159
Suzuki, S. *see* Kyushima, H. 98704
Suzuki, S. *see* Mori, T. 96059
Suzuki, S. *see* Nakagaki, N. 86730
Suzuki, S. *see* Nishimoto, T. 99705
Suzuki, S. *see* Oda, K. 86368
Suzuki, S. *see* Ogawa, T. 82902
Suzuki, S. *see* Ogura, M. 71330
Suzuki, S. *see* Okamura, M. 50681
Suzuki, S. *see* Sakai, Y. 75167
Suzuki, S. *see* Shiragaki, T. 65545
Suzuki, S. *see* Shiragaki, T. 82780
Suzuki, S. *see* Suyama, M. 82818
Suzuki, S. *see* Suyama, M. 94271
Suzuki, S. *see* Takahashi, H. 75460
Suzuki, S. *see* Takahashi, M. 80386
Suzuki, S. *see* Tanaka, T. 60068
Suzuki, S. *see* Usuki, T. 82368
Suzuki, S. *see* Washizu, M. 64074
Suzuki, S. *see* Xie, Y.-G. 81892
Suzuki, S. *see* Yoshida, M. 78918
Suzuki, S. *see* Yoshitake, T. 80575
Suzuki, T. ATM adaptation layer protocol 51811
Suzuki, T., Adachi, S. Chemical treatment effect of Si surfaces in $1NH_4OH:XH_2O_2:5H_2O$ solutions studied by spectroscopic ellipsometry 62138
Suzuki, T., Adachi, S. Chemical treatment effect of Si(111) surfaces in NH_4F solution studied by spectroscopic ellipsometry 93175
Suzuki, T., Asanuma, K., Kanzaki, N., Mine, H., Kuroiwa, S. A new signal transmitting method for Fieldbus 96683
Suzuki, T., Doke, H., Yamaguchi, M., Niyama, T. Tokyo International Airport public communication system 58262
Suzuki, T., Iwata, T., Akamatsu, H., Sawada, A., Tsuji, T., Yamauchi, H., Taniguchi, T., Fujita, T. High-speed circuit techniques for battery-operated 16 Mbit CMOS DRAM 92217
Suzuki, T., Kagoshima, K. Corner reflector antenna with the same beamwidth in two frequency bands 83833
Suzuki, T., Kishi, K., Uozumi, T., Yatsuka, K., Yasuda, N., Fukui, T. Study on V-t characteristics for XLPE cable 89283
Suzuki, T., Motojima, S., Tsuchida, M., Yano, M., Nogami, M., Ueda, H. Subscriber-line transmission equipment for asynchronous transfer mode networks 86009
Suzuki, T., Nakabori, S., Ikeda, H., Yoshida, H., Honda, K., Miyamoto, T., Yamamoto, T. Compact 600 W DC-to-RF MOSFET inverter for ultrasonic transducer at 1 MHz 100242
Suzuki, T., Nishinaga, T. Modulation molecular beam epitaxy under constant low As pressure 54865
Suzuki, T., Nishinaga, T. First real time observation of reconstruction transition associated with Ga droplet formation and annihilation during molecular beam epitaxy of GaAs 91461
Suzuki, T., Nishinaga, T. Real time observation and formation mechanism of Ga droplet during molecular beam epitaxy under excess Ga flux 91462
Suzuki, T., Ohba, T., Furumura, Y., Tsuchikawa, H. A 0.2-μm contact filling by 450°C-hydrazine-reduced TiN film with low resistivity 62553
Suzuki, T., Sasaki, O., Kaneda, J., Maruyama, T. Real-time two-dimensional surface profile measurement in a sinusoidal phase-modulating laser diode interferometer 87513
Suzuki, T., Suzuki, Y. Optimal charge assignment for the charge simulation method 54776
Suzuki, T., Yagi, M., Shibuki, K., Hasemi, M. Oriented diamond on graphite flakes 70037
Suzuki, T. *see* Aoki, T. 93794
Suzuki, T. *see* Arai, I. 67900
Suzuki, T. *see* Gomyo, A. 61309
Suzuki, T. *see* Goshima, H. 63070
Suzuki, T. *see* Hane, T. 85979
Suzuki, T. *see* Hinga, P.K. 100008
Suzuki, T. *see* Ikeda, H. 100344
Suzuki, T. *see* Ishigaki, H. 51961
Suzuki, T. *see* Kakami, M. 66068
Suzuki, T. *see* Kamano, T. 89930
Suzuki, T. *see* Kamano, T. 90010
Suzuki, T. *see* Kawahito, T. 60147
Suzuki, T. *see* Kawasaki, K. 100028
Suzuki, T. *see* Kimata, M. 54860
Suzuki, T. *see* Kodama, Y. 70531
Suzuki, T. *see* Kondo, Y. 74843
Suzuki, T. *see* Koshiishi, H. 77240
Suzuki, T. *see* Kyomasu, M. 97994
Suzuki, T. *see* Maeda, T. 99457
Suzuki, T. *see* Matsushita, H. 62212
Suzuki, T. *see* Nakajima, T. 53364
Suzuki, T. *see* Nakamura, T. 59430
Suzuki, T. *see* Nomoto, K. 81779
Suzuki, T. *see* Okude, Y. 59915
Suzuki, T. *see* Rojas, R. 100326
Suzuki, T. *see* Saito, K. 67129
Suzuki, T. *see* Saito, S. 82280
Suzuki, T. *see* Seshita, T. 96942
Suzuki, T. *see* Shibata, S. 98487
Suzuki, T. *see* Shimozuma, T. 92891
Suzuki, T. *see* Shinohara, S. 95945
Suzuki, T. *see* Takahara, H. 97838
Suzuki, T. *see* Tsukada, T. 75720
Suzuki, T. *see* Umezawa, A. 70562
Suzuki, T. *see* Xiangzhao Wang 87511
Suzuki, T. *see* Yamamoto, K. 91470
Suzuki, T. *see* Yoshikawa, K. 61725
Suzuki, Y. Underwater performance of flexible microgripper and fine particle manipulation 100427
Suzuki, Y., Abe, Y. Practical applications of computer graphics in designing elevators 78920
Suzuki, Y., Hirabayashi, A., Yamasawa, K. Analysis of a zero-flux type current sensor 52797
Suzuki, Y., Iwamura, H., Miyazawa, T., Mikami, O. A novel waveguided polarization mode splitter using refractive index changes induced by superlattice disordering 82672
Suzuki, Y., Kimura, S., Wakana, H. Development of the ETS-VI onboard communications equipment and an overview of planned experiments 86258
Suzuki, Y., Kuroki, F., Yoneyama, T. Frequency stabilization of NRD guide Gunn oscillator at 60 GHz 92553
Suzuki, Y., Michimura, S., Tamura, A. Unbalance response attenuation of a flexible rotor suspended by magnetic bearings with open loop control 78545
Suzuki, Y. *see* Araki, K. 86262
Suzuki, Y. *see* Asaoka, K. 100600
Suzuki, Y. *see* Egawa, Y. 93424
Suzuki, Y. *see* Fukuda, Y. 81516
Suzuki, Y. *see* Higuchi, S. 70178
Suzuki, Y. *see* Hisamune, Y.S. 92186
Suzuki, Y. *see* Kadowaki, N. 86261
Suzuki, Y. *see* Kadowaki, N. 86268
Suzuki, Y. *see* Kanamori, K. 92205
Suzuki, Y. *see* Katakura, K. 65227
Suzuki, Y. *see* Kimura, S. 97215
Suzuki, Y. *see* Koyama, N. 72113
Suzuki, Y. *see* Magari, K. 63796
Suzuki, Y. *see* Mori, K. 82314
Suzuki, Y. *see* Morooka, T. 64217
Suzuki, Y. *see* Negi, Y.S. 58918
Suzuki, Y. *see* Ogura, I. 66685
Suzuki, Y. *see* Omura, I. 55998
Suzuki, Y. *see* Pak, P.S. 68473
Suzuki, Y. *see* Sawamura, M. 50881
Suzuki, Y. *see* Suzuki, T. 54776
Suzuki, Y. *see* Tajima, E. 72466
Suzuki, Y. *see* Takao, M. 50882
Suzuki, Y. *see* Tanaka, S. 86259
Suzuki, Y. *see* Uchida, S. 99725
Suzuki, Y. *see* Uchihara, Y. 50606
Suzuki, Y. *see* Uno, T. 60970
Suzuki, Y. *see* Yamamoto, O. 93757
Suzuki Shin-ichi *see* Shin-ichi Suzuki
Suzuoka, N. *see* Arita, K. 93659
Svab, E. *see* Peto, G. 71131
Svahn, G. *see* Svanberg, S. 50784
Svakhin, A.S., Sychugov, V.A., Tikhomirov, A.E. Holographic antenna gratings on optical waveguide surfaces 64019
Svakhin, A.S. *see* Sychugov, V.A. 64020
Svalbe, I. *see* Jones, R. 51603
Svalbe, I. *see* Jones, R. 64778
Svalgaard, M., Poulsen, C.V., Bjarklev, A., Poulsen, O. Direct UV writing of buried singlemode channel waveguides in Ge-doped silica films 82624
Svanberg, S., Andersson-Engels, S., Berg, R., Borgstrom, S., Carlsson, J., Erlandsson, B., Hertz, H.M., Larsson, J., Persson, A., Persson, W., Pettersson, S.G., Starczewski, T., Tillman, C., Wahlstrom, C.G., Zerne, R., Herrlin, K., Olsson, C., Pettersson, H., Svahn, G., Balcou, P., L'Huillier, A., Salieres, P., Hutchinson, M.H.R., Tisch, J.W.G., Smith, R.A. Applications of terawatt lasers 50784
Svanberg, S. *see* Edner, H. 59589
Svanberg, S. *see* Kauranen, P. 98358
Svanda, I. *see* Tretyakova, S. 88168
Svandrlik, M. *see* Massarotti, A. 66817
Svanholm, C. Improving assembly throughput with discrete optimization 81050
Svantesson, I., Bjerler, J., Ingemansson, K.-E., Ericsson, J.-O. Oskarshamn 1 RPV: cleaning it out before venturing in 99906
Svarc, L. *see* Blecha, J. 89142
Svarc, V. *see* Turyna, R. 89508
Svasek, P. *see* Urban, G. 66512
Svatov, V.F. *see* Gostev, V.I. 89965
Svec, T. *see* Sovak, P. 72023
Svechenovskii, Yu.K. *see* Levchenko, E.V. 99935
Svechnicov, S.V. *see* Kamuz, A.M. 72534
Svechnikov, G.S., Rizikov, I.V., Ivanov, A.I. Multicolour, radiation-resistant SiC light-emitting diodes 82838
Svechnikov, G.S. *see* Voznesenski, V.A. 72282
Sveda, M. Fuel stand control system design 76262
Svedbergh, B. *see* Rosengren, L. 67440
Svedevall, B. *see* Schreyer, H. 99090
Svedin, J. *see* Dahlgren, U. 92578
Svedlindh, P. *see* Kiss, L.B. 56235
Svelto, C. *see* Caponio, N. 72323
Svelto, F., Flores, C., Caon, A., Contini, R., Rossi, E. The Italian activities on GaAs solar cells for space applications: achieved results and future programmes 100451
Svelto, F. *see* Bonifazi, C. 88631
Svelto, F. *see* Flores, C. 100739
Svelto, F. *see* Radeka, V. 67380
Svelto, O. *see* De Silvestri, S. 72966
Svelto, O. *see* Fantini, V. 72957
Svendsen, B. High speed data services for LAN interconnection in Norway 52185
Svendsen, T. *see* Basu, A. 73810
Svenson, R.H. *see* Splinter, R. 67463
SveNSSMICon, C. *see* Alippi, C. 67381
Svensson, A. Coherent detector based on linear prediction and decision feedback for DQPSK 95064
Svensson, A., Allan, R.J., Bordas, J., Hughes, E.A., Lewis, R., Mant, G. Fundamental mechanisms determining the performance of gas proportional detectors 76860
Svensson, B.-M. *see* Palmskog, G.F. 82860
Svensson, B.G., Linnarsson, M.K., Mohadjeri, B., Petravic, M., Williams, J.S. SIMS and depth profiling of semiconductor structures 49856
Svensson, B.G., Mohadjeri, B., Petravic, M. Surface recession and oxidation of silicon during bombardment by low energy oxygen ions 93158
Svensson, B.G. *see* Williams, J.S. 81474
Svensson, C., Jiren Yuan A 3-level asynchronous protocol for a differential two-wire communication link 80415
Svensson, C. *see* Alippi, C. 53346
Svensson, C. *see* Assadi, A. 66576
Svensson, C. *see* Dake Liu 61621
Svensson, C. *see* Dell'Acqua, A. 87955
Svensson, C. *see* Dell'Acqua, A. 98680
Svensson, C. *see* Jiren Yuan 80399
Svensson, C. *see* Larsson, P. 61646
Svensson, C. *see* Larsson, P. 61649
Svensson, L.J. *see* Athas, W.C. 49517
Svensson, O., Sornmo, L., Pahlm, O. Effects of digital resolution on characterisation of cardiac late potentials 76997
Svensson, S., Rydler, K.-E. A measuring system for calibration of power analyzers 87350
Svensson, S. *see* Aksela, S. 53357
Svensson, S. *see* Duncan, S.W. 80780
Svensson, S.O. *see* Hammersley, A.P. 67360
Svensson, S.P., Towner, F.J. Characterization and improvement of the layer uniformity for large-area quantum well device arrays grown in an Intevac/Varian Gen II molecular beam epitaxy system 54844
Svensson, S.P. *see* Towner, F.J. 66330
Svensson, S.P. *see* Tu, D.-W. 80779
Svensson, T. *see* Breuls, A. 94102
Sventsitskaya, N.A. *see* Gorlanov, A.V. 72967
Sverdlov, B. *see* Morkoc, H. 81752
Sverdlov, B. *see* Salvador, A. 82817
Sverdlov, B.G. *see* Lekhovitskii, D.I. 51475
Sveshnikov, A.G. *see* Bykov, A.A. 94792
Sveshnikova, L.V. *see* Ivanchenko, I.A. 59373
Svet, V.D. *see* Dement'ev, D.A. 75660
Svetogorov, E.S. *see* Bukreev, V.S. 77408
Svichenskii, V.G. *see* Antonov, A.N. 92465
Sviderskii, A.G. A process control system based on the Series 200 software-hardware system 89661
Svilans, M. *see* Guy, M. 50942
Svilar, D., Saje, Z., Komestik, V. Measurement of shear modulus on ship propulsion shafts 99380
Svinin, M.M., Uchiyama, M. Analytical models for designing force sensors 97928
Svinin, M.P. *see* Ivanov, A.S. 66997
Svinnset, I. Nonblocking ATM switching networks 51769
Svinolupov, K.I. *see* Solov'ev, A.P. 83519
Sviridov, E.V. *see* Surowiak, Z. 71003
Sviridov, N.V. *see* Nikonov, S.A. 100034
Sviridov, S.A. States of arts on laser remote sensing techniques of sea surface roughness in Russia 77565
Sviridov, S.A., Sudbin, A.I. Surface sensing method 77566
Svirina, L.P. A two-frequency gas laser with weakly anisotropic cavity 82954
Svirina, L.P. Polarization instability in a two-frequency gas laser with a weakly anisotropic cavity 83211
Svirina, L.P. Nonlinear polarization effects in gas lasers with weakly anisotropic cavities 94359
Svistunov, D.V. Caustic and wave aberration of waveguide geodesic lenses 72394
Svitashev, K.K. *see* Ovsyuk, V.N. 66331
Svob, L. *see* Kuhn, W.S. 69942
Svob, L. *see* Qu'Hen, B. 70020

Svoboda, C. *see* Herzog, R. 78390
Svoboda, J. *see* Hoschl, P. 61236
Svoboda, J.A. Transfer function synthesis using current conveyors 55031
Svoboda, J.A. Comparison of RC op.-amp. and RC current conveyor filters 55329
Svoboda, J.A. *see* Akram, M.F. 78049
Svobodova, L. Taming heterogeneity in networked environments 85803
Svyachenyi, V.D. *see* Golub, V.S. 83907
Svyatoslavskaya, T.A. *see* Bikmatov, R.R. 58630
Svyatoslavsky, N.L. *see* Bikmatov, R.R. 58630
Swager, A.W. 12-bit ADCs: now may be the time to upgrade your 8- and 10-bit systems 61774
Swager, A.W. Evolving ADCs demand more from drive amplifiers 92320
Swager, A.Watson *see* Watson Swager, A.
Swahn, T., Bogachek, E.N., Galperin, Yu.M., Jonson, M., Shekhter, R.I. Nonequilibrium magnetization in a ballistic quantum dot 71183
Swail, V.R. *see* Skey, S.G.P. 99168
Swain, A., Mohanty, A.K. Dual rate self-tuning load frequency controller for an interconnected hydro-thermal system 99547
Swain, A.K., Mohanty, A.K. Adaptive speed control of self-controlled synchronous motor drive 100836
Swain, G.M. The use of CVD diamond thin films in electrochemical systems 79878
Swain, P.H. *see* Yonhong Jhung 77689
Swain, R. *see* Preater, R. 73156
Swain, R. *see* Preater, R.W.T. 56932
Swalen, J.D. *see* Thackara, J.I. 56428
Swami, A. Pitfalls in polyspectra 84406
Swami, A., Giannakis, G., Shamsunder, S. Multichannel ARMA processes 57552
Swaminathan, M. *see* Iqbal, A. 54508
Swaminathan, M. *see* Iqbal, A. 54533
Swaminathan, M. *see* Petre, P. 79348
Swaminathan, R., Tugnait, J.K. On improving the convergence of constant modulus algorithm adaptive filters 85212
Swaminathan, R., Veeramani, D. Decomposition of {0,1}-matrices 48851
Swaminathan, R. *see* Attar, G. 90432
Swaminathan, R.P. A bad submatrix is easy to find 69663
Swaminathan, V. *see* Asom, M.T. 54883
Swaminathan, V. *see* Becker, P.C. 73106
Swaminathan, V. *see* de Barros, M.R.X. 66367
Swaminathan, V.V. Intelligent platforms for building network operations and management systems: a framework based approach 52000
Swamy, C.N. *see* Kapur, S.L. 78356
Swamy, M., Rossiter, S. Typical problems encountered with variable frequency drives in the industry 69247
Swamy, M.M., Bhat, A.K.S. A comparison of parallel resonant converters operating in lagging power factor mode 55135
Swamy, M.N.S. *see* Agarwal, K. 70718
Swamy, M.N.S. *see* Gu, Q.S. 95761
Swamy, M.N.S. *see* Ping-Ya Zhao 57508
Swamy, M.N.S. *see* Plotkin, E.I. 57502
Swamy, M.N.S. *see* Qunshan Gu 92382
Swamy, M.N.S. *see* Rama Murthy, N. 55304
Swamy, M.N.S. *see* Sundararajan, D. 91405
Swamy, M.N.S. *see* Zhu, W.-P. 80454
Swamy, M.N.S. *see* Zou, C.R. 96002
Swan, D., Yurkon, J., Morrissey, D.J. A simple two-dimensional PPAC 88006
Swan, D.H., Dickinson, B., Arikara, M., Tomazic, G.S. Demonstration of a zinc bromine battery in an electric vehicle 68982
Swan, J. *see* Deis, G. 87958
Swan, J. *see* Heim, J. 88070
Swan, J.S., Grist, T.M., Weber, D.M., Sproat, I.A., Wojtowycz, M.M. MR angiography of the pelvis with variable velocity encoding and a phased-array coil 53385
Swan, S., Hills, G. Sub 0.5 μ polysilicon etching on a MERIE system: a case study in manufacturing 62419
Swan, S., Kassawara, R. The SQUG database [NPP post-earthquake investigations] 89433
Swan, S.A., Pender, L.F. Bunyip—dissipation down under 99299
Swan, T.L. *see* Kuhn, M.J. 88401
Swanekamp, R. El Segundo pioneers use of multivariable control technology 78406
Swanekamp, R. Spending too little often costs too much [power plants] 99798
Swanekamp, R. Warming systems prolong steam turbine life, accelerate startup 99946
Swanekamp, S.B., Grossmann, J.M., Ottinger, P.F., Commisso, R.J., Goyer, J.R. Power flow between a plasma-opening switch and a load separated by a high-inductance magnetically insulated transmission line 90287
Swanepoel, P.H., van Wyk, J.D. Analysis and optimization of regenerative linear snubbers applied to switches with voltage and current tails 100214
Swaney, R.E. *see* Wilhelm, C.E. 48855
Swann, D.E., Larsen, E.V., Piwko, R.J. Major benefits from thyristor controlled series capacitors 68032
Swann, P. Reaching compromise in standards setting institutions 90718
Swann, P.R. *see* Alani, R. 81410
Swanson, A.W. *see* Chao, P.C. 62860
Swanson, A.W. *see* Hwang, K.C. 55399
Swanson, A.W. *see* Hwang, K.C. 55415
Swanson, D. Dispensing solder pastes in surface mount assembly 81005
Swanson, D.G., Jr., Forse, R.J. An HTS end-coupled CPW filter at 35 GHz 80600
Swanson, D.G., Jr. *see* Bandler, J.W. 70840
Swanson, D.J. *see* Song, M. 93413
Swanson, E.A., Chinn, S.R. 23-GHz and 123-GHz soliton pulse generation using two CW lasers and standard single-mode fiber 72349
Swanson, E.A., Chinn, S.R., Hall, K., Rauschenbach, K.A., Bondurant, R.S., Miller, J.W. 100-GHz soliton pulse train generation using soliton compression of two phase side bands from a single DFB laser 94618
Swanson, E.J. *see* Kerth, D.A. 97874
Swanson, J. Power-frequency magnetic fields in the environment 58951
Swanson, J., Renew, D.C. Power frequency fields and people 53480
Swanson, J. *see* Merchant, C.J. 53479
Swanson, J. *see* Merchant, C.J. 77089
Swanson, J.G. *see* Wang, Q.H. 81384
Swanson, N. *see* Vest, R.E. 88289
Swanson, N.L., VanWinkle, D.H. Temporal coherence loss due to dynamic scattering of laser light 94567
Swanson, R.E. An alternative construction of interleaved RLL codes for partial response channels using multichannel methods 82274
Swanson, R.M. *see* Sinton, R.A. 100629
Swanson, R.M. *see* Tilford, C.L. 100724
Swanson, R.M. *see* Verlinden, P.J. 100613
Swanson, S.E. *see* Pierce, D.G. 62518
Swanson, S.E. *see* Snyder, E.S. 62507
Swart, D.P.J. *see* Sunesson, J.A. 99193
Swart, H.C., Berning, G.L.P. The effect of oxygen on the formation of iron silicide 49823
Swart, H.C. *see* Berning, G.L.P. 71368
Swart, J.W., Slater, D.B., Lujan, A.S., Enquist, P.M., Martins, E. Transimpedance amplifiers using AlGaAs/GaAs HBTs: a comparative study 80157
Swart, J.W. *see* Lujan, A.S. 56011
Swart, N.R., Nathan, A. Coupled electrothermal modeling of microheaters using SPICE 61473
Swart, N.R., Nathan, A. Mixed-mode device-circuit simulation of thermal-based microsensors 87064
Swart, P.J. *see* Avellaneda, M. 93749
Swart, P.J.F., Snoeij, P. Modeling radar scatter from distributed targets using a coupled scatterer approach 77697
Swart, P.L. *see* Aizenberg, G.E. 94041
Swart, P.L. *see* Aizenberg, G.E. 94233
Swart, P.L. *see* Booysen, A. 76038
Swart, P.L. *see* Booysen, A. 87208
Swart, P.L. *see* Bulkin, P.V. 91564
Swart, P.L. *see* Meyer, J. 52900
Swart, P.L. *see* Spammer, S.J. 61598
Swart, R., Nathan, A. Design optimisation of integrated microhotplates 66236
Swart, S.M., Ferreira, J.A. Integrated water cooled transformer and work coil for middle frequency induction heating applications 69223
Swarts, F. *see* Oosthuizen, D.R. 95091
Swarts, L. *see* Hancke, G.P. 100350
Swartz, C.K. *see* Weinberg, I. 100754
Swartz, R.G., Ota, Y., Tarsia, M.J., Archer, V.D. A burst mode, packet receiver with precision reset and automatic dark level compensation for optical bus communications 75484
Swartz, R.G. *see* Lee, K.F. 62856
Swartz, R.G. *see* Lee, K.F. 93613
Swartz, R.G. *see* Liu, T.M. 61659
Swartz, R.G. *see* Liu, T.M. 82092
Swartz, R.G. *see* Lunardi, L. 86322
Swartz, R.G. *see* Ota, Y. 52561
Swartz, R.G. *see* Razavi, B. 49228
Swartz, R.G. *see* Razavi, B. 70330
Swartz, R.G. *see* Razavi, B. 70345
Swartz, R.G. *see* Sung, J.M. 71827
Swartz, S. *see* Jungner, P. 86872
Swartz, S.L. *see* Shrout, T.R. 50135
Swartzlander, E., Jr. *see* de Angel, E. 92038
Swartzlander, E.E., Jr. *see* Drerup, B.C. 70364
Swartzlander, E.E., Jr. *see* Jones, R.E., Jr. 70351
Swartzlander, E.E., Jr. *see* Samani, D.M. 92402
Swartzlander, E.E., Jr. *see* Schulte, M.J. 71789
Swartzlander, E.E., Jr. *see* Schulte, M.J. 80391
Swartzlander, E.E., Jr. *see* Ziaja, T.A. 81030
Swarup, V. *see* Bodeau, D.J. 65311
Sweatt, W.C. *see* Tichenor, D.A. 81591
Sweda, J.R. *see* Levine, P.D. 92858
Sweder, J. *see* Khatibzadeh, A. 80793
Sweder, J. *see* Liu, W. 80753
Swee Boon Lim, Condry, M. A remote file system for heterogeneous network topologies 85828
Sweeney, D. *see* Lichten, S.M. 75671
Sweeney, F.J. *see* Beckerman, M. 84586
Sweeney, J., Orr, R., Balart, R., Buchanan, D., Humen, A. Experiments in dimensionally-optimum Gabor representations 84265
Sweeney, J. *see* Franchot, C.J. 89594
Sweeney, J.O.P. An introduction to interactive television 97706
Sweeney, J.P. Mainstream applications require optimized assembly language for fast DSPs 61743
Sweeney, P.J.J. *see* Fothergill, J.C. 63066
Sweeney, S. *see* Froitzheim, K. 52235
Sweet, M.R., Grace, K.M. A semi-custom dual channel peak hold circuit for spaceborne instrumentation 80204
Sweet, M.R. *see* Moss, C.E. 88318
Sweet, M.R. *see* Moss, C.E. 98615
Sweet, T. Optimizing a single uncertain selection with recall of observations 91309
Sweet, W. Europe's supercollider project 98382
Sweeting, M. *see* Unwin, M. 65980
Sweetman, E. *see* Fang, T. 81099
Sweetra, C. *see* Hubbel, Y.C. 67984
Sweetser, K.N. *see* Hanson, C.M. 87300
Sweldens, W., Piessens, R. Asymptotic error expansion of wavelet approximations of smooth functions. II 91349
Sweldens, W. *see* Jawerth, B. 57831
Sweldens, W. *see* Jawerth, B. 74452
Swell, F. *see* Shahidi, G.G. 71797
Swenberg, J.F., Wang, M.W., Miles, R.J., Phillips, M.C., Hunter, A.T., McCaldin, J.O., McGill, T.C. Advances in the development of graded injector visible light emitters 72633
Swenson, C. *see* Kovachev, V.T. 93971
Swenson, D. *see* Haworth, M. 76408
Swenson, D.A. *see* Chang, C.R. 67072
Swenson, D.A. *see* Enegren, T. 67084
Swenson, D.A. *see* Hurd, J.W. 76590
Swenson, D.R., MacKerrow, E.P., Bryant, H.C. Non-invasive diagnostics for H^- ion beams using photodetachment by a focused laser beam 98475
Swenson, D.R. *see* MacKerrow, E.P. 98462
Swenson, D.R. *see* York, R.L. 76729
Swenson, G.W., Jr. Reminiscence: at the dawn of the space age [satellite radio transmissions] 52440
Swenson, G.W., Jr. *see* Benson, J.W. 59610
Swenson, H.N., Zelenka, R.E., Dearing, M.G., Hardy, G.H., Clark, R., Zirkler, A., Davis, T., Amatrudo, G. Design and flight evaluation of visually-coupled symbology for integrated navigation and near-terrain flight guidance 67685
Swenson, J. A new concept for roadwork on the superhighway 58249
Swenson, J. *see* Prasanna, P.K. 52220
Swenson, L.C. *see* Kuhn, M.J. 88401
Swenson, L.C. *see* Kuhn, M.J. 88428
Swent, R.L. *see* Leemans, W.P. 50915
Swerup, J., Suk, D., Berqvist, P. C&C integration—How does industry cope? 86148
Swetchine, J., Nordmann, D.S., Teslo, H., Carrasco, J., Laes, R. The growing skill of Alcatel Cable Contracting: some "milestone" projects 48646
Swetits, J.J. *see* Bartelt, M.W. 61142
Swetnam, G.F., Jr. A Capitol experience [IEEE Congressional Fellow, experience] 69459
Swidenbank, E. *see* Brown, M.D. 99578
Swidenbank, E. *see* Flynn, D. 60161
Swidenbank, E. *see* Flynn, D. 68538
Swidenbank, E. *see* Flynn, D. 100076
Swidenbank, E. *see* Lu, S. 60085
Swider, R. *see* Braff, R. 65954
Swierczynski, R. *see* Domanski, M. 74278
Swieten, A.Van *see* Van Swieten, A.
Swift, A.M., Goldie, D.J., Booth, N.E., Brink, P.L., Gaitskell, R.J., Hahn, A.D., Salmon, G.L. Development of a high resolution cryogenic detector with applications in β spectroscopy and solar ν searches 59165
Swift, A.M. *see* Booth, N.E. 59060
Swift, A.M. *see* Goldie, D.J. 76865
Swift, G. *see* Reier, M. 71748
Swift, G.M. *see* Nichols, D.K. 71551
Swift, G.W. *see* McLaren, P.G. 78227
Swift, J., Bocci, M., Pitts, J., Scharf, E., Chen, J.R. Application of ATM network simulation to TMN studies 65161
Swift, J. *see* Goulden, C. 54559
Swift, J.S. *see* Baxendale, P.R. 65246
Swift, J.W. *see* Ashwin, P. 55095
Swiger, J.M. Resolution limits of ultra wideband synthetic aperture radar using a rectangular aperture for FFT processing 75550
Swim, C.R. *see* Cohn, D.B. 87314
Swindell, W. *see* Mosleh-Shirazi, M.A. 88046
Swindeman, R.W., Marriott, D.L. Criteria for design with structural materials in combined-cycle applications above 815°F 60113
Swindlehurst, A., Viberg, M. Efficient subspace fitting algorithms for diversely polarized arrays 84452
Swindlehurst, A., Yang, J. Using least squares to improve blind signal copy performance 64547
Swindlehurst, A. *see* Yang, J. 95556
Swindlehurst, A.L. *see* Viberg, M. 84464
Swindler, D.L., Fredericks, C.J. Modified differential ground fault protection for systems having multiple sources and grounds 59994
Swinger, C. *see* Lai, M. 94564
Swingewood, J. *see* Fowler, A. 86665
Swingler, D.N. Narrowband line-array beamforming: practically achievable resolution limit of unbiased estimators 57615

Swingler, D.N. An approximate expression for the Cramer-Rao bound on DOA estimates of closely spaced sources in broadband line-array beamforming 64502
Swings, K. *see* Donnay, S. 49571
Swinyard, B.M., Dean, A.J., Lei, F., Malaguti, G. The INTEGRAL Imager detector as a gamma ray polarimeter 88045
Swinyard, B.M. *see* Bird, A.J. 59118
Swinyard, B.M. *see* Davis, G.R. 58788
Swinyards, B.M. *see* Church, S.E. 58783
Swiontek, D. *see* Stretton, M. 99409
Swirhun, S.E. *see* Parsons, C.A. 81938
Swisher, J., Christiansson, L., Hedenstrom, C. Dynamics of energy efficient lighting 100922
Swisher, J.N. Dynamics of appliance energy efficiency in Sweden 100959
Swissa, Y. *see* Mor, I. 95793
Switalski, D., Solis, R. Characterization of organometallic polymers generated post RIE/ECR etching followed by in-situ microwave ashing 62426
Swithenbank, J. *see* Ewan, B.C.R. 53084
Switz, N.A. *see* Ghislain, L.P. 87558
Swoger, J.H., Qiu, C., Simmons, J.G., Thompson, D.A., Shepherd, F., Beckett, D., Cleroux, M. Strained layer (1.5 μm) InP/InGaAsP lasing opto-electronic switch (LOES) 83097
Sworakowski, J. *see* Chyla, A. 58903
Sworder, D.D., Vojak, R., Singer, P.A. Image correlation in nonlinear estimation 95967
Swyden, T.A. *see* Cha-Mei Tang 62092
Swyden, T.A. *see* Cha-Mei Tang 92878
Swyden, T.A. *see* Cha-Mei Tang 92893
Sy, B.K., Yanqiang Yu, Winter, G.B. Reasoning MPGE in belief networks with applications to circuit diagnosis 80050
Sy-Been Jaw *see* Soo-Chang Pei 57507
Sy-Hwa Chen, Lewis, S.T., Denney, D.C. Solder wetting characteristics of bare copper printed wiring boards with protective anti-tarnish coatings 92718
Sy-Yuan Shieh, Evans, J.W. Some preliminary observations of the rapid thermal oxidation of porous silicon, and the rapid thermal nitriding of oxidized porous silicon 71325
Syam, P. *see* Banerjee, S. 78268
Syau Tsengyou *see* Tsengyou Syau
Syben, O. *see* Kubicki, T. 67305
Sybille, G., Giroux, P., Gerin-Lajoie, L. Effect of subsynchronous resonances on static VAr compensators 89065
Sychev, V. *see* Andreev, N.I. 76575
Sychev, V. *see* Rybakov, E. 76657
Sychev, V.A. *see* Rimskiy-Korsakov, N.A. 53546
Sychugov, V.A., Svakhin, A.S., Tikhomirov, A.E. Holographic focusing gratings on the surfaces of optical waveguides 64020
Sychugov, V.A., Tishchenko, A.V., Parriaux, O. Corrugated waveguide excitation by normally incident light beam 82645
Sychugov, V.A., Tishchenko, A.V., Usievich, B.A. Radiatively coupled corrugated waveguides 63437
Sychugov, V.A. *see* Loktev, S.M. 63436
Sychugov, V.A. *see* Loktev, S.M. 72407
Sychugov, V.A. *see* Svakhin, A.S. 64019
Sychyi Fang, McVittie, J.P. Oxide damage from plasma charging: breakdown mechanism and oxide quality 62478
Sychyi Fang, Murakawa, S., McVittie, J.P. A new model for thin oxide degradation from wafer charging in plasma etching 62489
Sychyi Fang *see* Murakawa, S. 62488
Sydenham, P.H. Design of instruments 75922
Sydenham, P.H. Disciplined design of sensor systems. I. Types of design 87140
Sydenham, P.H. Disciplined design of sensor systems. I. Knowledge based systems in sensor and sensor systems design 87141
Syed, M.A., Mathews, V.J. Lattice algorithms for recursive least squares adaptive second-order Volterra filtering 51507
Syed, S. *see* Bicknell, J. 85372
Syin Chan Repeated applications of the JPEG image compression technique 74523
Sying-Jyan Wang Synthesis of sequential machines with reduced testing cost 49314
Sying-Jyan Wang, Jha, N.K. Algorithm-based fault tolerance for FFT networks 69905
Sykas, E.D., Vlakos, K.M., Paschalidis, I.C., Mourtzinou, G.K. Congestion avoidance for ATM networks 85975
Sykas, E.D., Vlakos, K.M., Tsoukatos, K.P., Protonotarios, E.N. Performance evaluation of analytical models for effective bandwidth allocation in ATM networks 64989
Sykas, E.D. *see* Pountourakis, I.E. 85291
Sykes, A.O. *see* Wang, H. 71846
Sykora, L. *see* Honys, V. 61504
Sykora, O., Vrt'o, I. On VLSI layouts of the star graph and related networks 80020
Sykora, U. *see* Gumbrecht, W. 67444
Sykulski, J.K. *see* Cheng, Y.B. 54136
Sykulski, J.K. *see* Cheng, Y.B. 60401
Sykulski, J.K. *see* Harris, M.R. 54052
Sylla, A.K. *see* Dezhgosha, K. 88638
Syllaios, A.J., Anderson, J.M., Colombo, L., Littler, C.L., Brostow, G.J., Christensen, C.R., Grisham, J.A., Clarke, F.W. Magneto-optical characterization of HgCdTe thin films 92961
Syllaios, A.J. *see* McDonald, J.K. 92962
Sylvander, R., Olsson, H. The use of the Global Positioning System for effective forest inventory and management—experiences from the Swedish boreal forest zone 77217
Sylvander, R. *see* Israelsson, H. 77632
Sylvestre, A., Crozat, P., Adde, R., De Lustrac, A., Jin, Y. Low temperature low voltage operation of HEMTs on InP 62884
Symon, J.R. *see* Basch, B. 85666
Symon, K. *see* Liu, J. 66926
Symon, K. *see* Liu, J. 98429
Symonds, H. *see* Gaetz, W. 77765
Symonds, S.J. *see* Komatsu, H. 86212
Symons, R. *see* Dipten Deb 68700
Symosek, P. *see* Bhanu, B. 74299
Symosek, P. *see* Roberts, B. 77176
Syms, R.R.A., Lewandowski, J., Nield, M., Mackenzie, F. Bipolar tuning of silica-on-silicon directional couplers by electron beam irradiation 50574
Syms, R.R.A., Tate, T.J., Grant, M.F. Reduction of propagation loss in silica-on-silicon channel waveguides formed by electron beam irradiation 82647
Syms, R.R.A. *see* Lewandowski, J. 72367
Syngal, B.K. VSAT solutions for innovative international and domestic services 97178
Syngal, V. *see* Morkel, P.R. 58403
Sypek, M. *see* Karpierz, M.A. 73037
Syphers, M. *see* Cai, Y. 66902
Syphers, M. *see* Ellison, M. 66909
Syphers, M. *see* Wang, Y. 66910
Syphers, M.J., Ball, M., Brabson, B., Bucnick, J., Caussyn, D.D., Chao, A.W., Collins, J., Derenchuk, V., Dutt, S., East, G., Ellison, M., Ellison, T., Friesel, D., Gabella, W., Hamilton, B., Huang, H., Jones, W.P., Lee, S.Y., Li, D., Minty, M.G., Nagaitsev, S., Ng, K.Y., Pei, X., Rondeau, G., Sloan, T., Teng, L., Tepikian, S., Wang, Y., Yan, Y., Zhang, P.L. Experimental simulation of ground motion effects 66966
Syphers, M.J., Courant, E.D., Garren, A.A., Kauffmann, S.K., Sen, T. SSC collider arc lattice 66881
Syphers, M.J., Sen, T., Edwards, D.A. Amplitude function mismatch 66880
Syphers, M.J. *see* Nosochkov, Y. 76284
Syphers, M.J. *see* Sen, T. 66882
Syphers, M.J. *see* Sen, T. 67367
Syphers, M.J. *see* Shih, H.-J. 87807
Syphers, M.J. *see* Yan, Y.T. 66849
Sypniewska, Z. *see* Torbicz, W. 66223
Sypniewski, J.P. Fast track construction of standardized coal fired cogeneration power plants 78379
Syrbu, A.V. *see* Chand, M. 63775
Syrett, B. *see* Chan, L. 94048
Syrett, B.A. *see* MacDonald, R.P. 94226
Syrjakow, M., Szczerbicka, H. Efficient model optimization with REMO 85400
Syrkin, A.L. *see* Andreev, A.N. 55790
Syrkin, A.L. *see* Andreev, A.N. 81509
Syrkin, A.L. *see* Anikin, M.M. 71726
Syrkin, A.L. *see* Anikin, M.M. 91423
Syrkin, A.L. *see* Anikin, M.M. 91424
Syrkin, L.N., Kancherova, E.T., Feoktistova, N.N., Tatarenko, L.N. Volume-sensitive piezoelectric composites for electroacoustic transducers 59608
Syroid, D. *see* Holmberg, S.H. 76141
Syroid, D.D. *see* Smith-Gillespie, R.D. 77167
Syrovoy, V.A. *see* Kazakov, A.I. 83520
Syrstad, T. *see* Rao, V. 92851
Syrtsev, A.V., Khalili, F.Ya. Quantum sensitivity limit for detectors of weak forces between free masses 97742
Syrykh, C. *see* Dumas, P. 71070
Syrykh, C. *see* Dumas, P. 71071
Syrzycki, M. *see* Ward, V. 98099
Syrzycki, M.J. *see* Carr, L.S. 92312
Syrzycki, M.J. *see* Chapman, G.H. 87361
Syslo, M.M. *see* Winter, P. 91258
Sysoev, B.I., Linnik, V.D., Titov, S.A., Kordenko, O.I. Ellipsometrical study of indium sulfide film growth process on InP 61379
Sysoeva, N.G. *see* Khudyakov, V.V. 89138
Sysoliatin, A.A. *see* Schell, P. 94510
Sytchevsky, S.E. *see* Kukhtin, V.P. 72176
Sytnik, V.V. *see* Andreev, N.I. 76575
Sytnikov, V., Peshkov, I., Prismakov, Y. Constructional parameters influence on the current distribution and energy loss of asymmetric constructions superconductors 93911
Sytnikov, V. *see* Rybakov, E. 76657
Syutkin, N.N. *see* Talantsev, E.F. 50393
Syutou, I. *see* Tubouchi, M. 89353
Syverson, P. A taxonomy of replay attacks [cryptographic protocols] 74692
Syverson, P., Meadows, C. A logical language for specifying cryptographic protocol requirements 51321
Syverson, P.F., van Oorschot, P.C. On unifying some cryptographic protocol logics 57981
Syvridis, D., Guekos, G., Pajarola, S., Tsilis, M. Large optical bistability and self pulsations in three section DBR laser diode 56906
Syvridis, D., Inaudi, D., Guekos, G. Polarization state of the emission of external grating diode lasers 63835
Syvridis, D. *see* Paschos, V. 63792
Syzranov, V.A. *see* Il'chenko, M.E. 61874
Szabatin, J. *see* Platonov, A.A. 75881
Szabo, A., Engel, T. Etching of Si surfaces with hot chlorine beams: translational and vibrational excitation of the incident chlorine particles 55774
Szabo, B. *see* Knight, T. 90047
Szabo, G. *see* Kido, M. 71520
Szabo Istvan, C., Szili, B., Fustos, T., Szintai, S., Sopronfalvi, Z. The information system of dosimetry in the nuclear power plant of Paks 67642
Szabo Istvan, C. *see* Major, A. 67643
Szabo-Miszenti, G. *see* Delrosso, G. 94387
Szade, J. *see* Drzazga, Z. 72208
Szafran, S. *see* Benayoun, M. 59095
Szafran, U. *see* Schnoring, T. 85393
Szafraniec, B., Blake, J. Polarization modulation errors in all-fiber depolarized gyroscopes 98021
Szakonyi, A. *see* Bobula, A. 78146
Szalai, L. *see* Peard, K.A. 82926
Szalay, A. *see* Bencze, L. 56285
Szalay, T. *see* Markos, S. 69551
Szalewski, M. *see* Pajewski, W. 99348
Szalkowski, F.J. *see* Lee, H.P. 54951
Szapiro, B. *see* Shlyaptsev, V.N. 50739
Szapiro, B.T. *see* Rocca, J.J. 50736
Szarka, J. *see* Baranov, V.A. 76849
Szarmes, E.B. Birefringent beam splitter for intracavity mode selection in high-power multimirror lasers 94563
Szarowski, D.H. *see* Lin, W. 98815
Szarvas, G. *see* Kocsanyi, L. 94231
Szathmary, V., Rutkay-Nedecky, I., Osvald, R. Computer simulation of propagated activation in different types of left ventricular enlargement 88490
Szatkowski, J. *see* Misiewicz, J. 72285
Szawlowski, M. *see* Gramsch, E. 56542
Szawlowski, M. *see* Gramsch, E. 82819
Szawlowski, M. *see* Gramsch, E. 94270
Szawlowski, M.J., Zhang, S., DeCecco, A., Madden, M., Lindberg, M., Gramsch, E. Performance of a large area avalanche photodiode 56537
Szczecinski, L., Morawski, R., Barwicz, A. Variational algorithms of measurand reconstruction based on entropy-like criteria 97744
Szczecinski, L. *see* Milewski, M.S. 75883
Szczepaliski, P. *see* Mossakowska, A. 63766
Szczepaniak, B. *see* Bragiel, P. 58898
Szczepaniak, P.S. Application of neural networks for fault diagnosis in a power plant 89579
Szczepanski, P. Influence of spatial field distribution on laser operation 72950
Szczepanski, P. *see* Tyszka-Zawadzka, A. 82888
Szczepariski, P. *see* Tyszka-Zawadzka, A. 94531
Szczepek, J. *see* Witczak, Z. 87127
Szczerbicka, H. *see* Syrjakow, M. 85400
Szczervajow, A., Berger, H. Investigation of the composition of vapour-grown $Pb_{1-x}Sn_xSe$ crystals ($x \leq 0.4$) by means of lattice parameter measurements 48900
Szczur, O. *see* Baggaley, A. 56904
Szczurek, A. *see* Chyla, A. 58903
Szczurko, P., Thul, M. A model for the socially justified integration of quality processes in the WibQus project 79482
Sze, F.C. *see* Srivastava, A.K. 53230
Sze, F.C. *see* Srivastava, A.K. 67268
Sze, R. *see* Delgado-Frias, J.G. 49464
Sze, S.M. *see* Yih-Feng Chyan 55897
Sze, S.M. *see* Yih-Feng Chyan 55898
Sze, S.M. *see* Yih-Feng Chyan 55908
Sze, S.M. *see* Yih-Feng Chyan 62683
Sze Jyi-Jhy *see* Jyi-Jhy Sze
Sze Simon Ming *see* Simon Ming Sze
Sze Tong Chong *see* Chong Sze Tong
Sze Yung Chang *see* Yung Chang Sze
Sze-Ching Lu *see* Mitchell, L. 97170
Szebesta, D. *see* Davey, S.T. 56725
Szebesta, D. *see* Lauder, R.D.T. 72782
Szebesta, D. *see* Percival, R.M. 63744
Szebesta, D. *see* Percival, R.M. 83013
Szebesta, D. *see* Tropper, A.C. 56699
Szebesta, D. *see* Wyatt, R. 56727
Szedlak, Z. *see* Orgon, M. 93484
Szekely, C., Walls, F.L., Lowe, J.P., Drullinger, R.E., Novick, A. Reducing local oscillator phase noise limitations on the frequency stability of passive frequency standards: tests of a new concept 75826
Szekely, G., Gerig, G., Koller, T., Brechbuhler, C., Kubler, O. Analysis of MR angiography volume data leading to the structural description of the cerebral vessel tree 98768
Szekely, G. *see* Neuenschwander, W. 74601
Szekely, V. Thermal monitoring of microelectronic structures 66174
Szekli, R., Disney, R.L., Hur, S. On performance comparison of MR/GI/1 queues 91200
Szelag, A. Algorithms and tools for analysis of electrified railway line 100908
Szelag, W. *see* Nowak, L. 51042
Szeless, B. *see* Dufay, L. 94020
Szeless, B. *see* Rossi, L. 94021

Szeliski, R., Weiss, R. Robust shape recovery from occluding contours using a linear smoother 96060
Szemeti, Z. *see* Farilla, A. 52772
Szendy, D. *see* Demjen, C. 53686
Szentpali, B. *see* Euthymiou, P.C. 62871
Szentpali, B. *see* Riesz, F. 66345
Szep, F. Development of a telemetric seismic equipment 67761
Szepesi, T.S. *see* De Stasi, F.J. 49154
Szepesvary, A., Reinartz, R., Schelten, J. Neutron scintillation detectors investigated with β rays 53330
Szesztay, E. *see* Fodor, D. 54026
Szeto, A.Y.J. *see* Brown, W.L. 90833
Szeto, H.H. *see* Akay, M. 76981
Szeto, L.M. *see* Kunda, D. 68112
Szeto, T. *see* Chan, T.F. 61172
Szidarovszky, F., Palusinski, O.A. A special matrix equation and its application in microelectronics 91689
Szidarovszky, F. *see* Palusinski, O.A. 55042
Sziklas, E.A. *see* Benda, J.A. 83206
Szilagyi, M. *see* Cho, H. 83531
Szilagyi, M. *see* Mui, P.H. 94746
Szili, B. *see* Szabo Istvan, C. 67642
Szili, L. On A.E. convergence of Durrmeyer-Stieltjes polynomials 79665
Szintai, S. *see* Szabo Istvan, C. 67642
Sziranyi, T. Subpixel pattern recognition by image histograms 74587
Sziranyi, T. Noise effects in statistical subpixel pattern recognition 85164
Szkolka, S. *see* Bakowski, P. 90274
Szmanda, C. *see* Trefonas, P. 81671
Szmanda, C.R., Fedynyshyn, T.H., Houck, W.E., Root, J., Blacksmith, R.F. The role of process in obtaining optimum lithographic information from chemically amplified resists 81636
Szmidt, J. Selective etching of c-BN layers 71345
Szmidt, J. Diamond-like layers as passivation coatings for power bipolar transistors 81466
Szmidt, J., Beck, R.B., Mitura, S., Sokolowska, A. Application of diamond-like layers as gate dielectric in metal/insulator/semiconductor transistor 81854
Szmidt, J. *see* Brozek, T. 71841
Szmola, E. *see* Hochadel, B. 53103
Sznaier, M. *see* Juanyu Bu 100278
Sznaier, M. *see* Zi-Qin Wang 100345
Szofran, F.R. *see* Gillies, D.C. 61221
Szollosi, G. *see* Markos, S. 69551
Szoncso, F. *see* Arefiev, A. 88007
Szoncso, F. *see* Gasparini, F. 53303
Szoncso, F. *see* Moers, T. 67364
Szorenyi, A. *see* Erbeszkorn, L. 67644
Szorenyi, T., Gonzalez, P., Garcia, E., Pou, J., Fernandez, D., Serra, J., Leon, B., Perez-Amor, M. Tailoring silicon oxide film properties by tuning the laser beam-to-substrate distance in ArF laser-induced chemical vapor deposition 48978
Szorenyi, T., Toth, Z., Kantor, Z. Surface patterning by an improved laser-induced forward transfer (LIFT) technique 62512
Szpiro, A.A., Protopopescu, V. Parabolic systems with competitive interactions and control on initial conditions 48868
Szpunar, J.A. *see* Li Cheng-Zhang 72048
Sztefka, G. *see* Kaiser, R. 56593
Sztern, J. *see* Suran, G. 50223
Szu, H., Kim, J., Kim, I. Self-architecture—theory and experiment of biological neural network 61855
Szu, H., Zhang, Y., Sun, M., Ching-Chung Li Neural network adaptive digital image screen halftoning (DISH) based on wavelet transform preprocessing 57851
Szu, H. *see* Garcia, J. 57850
Szu, H. *see* Sagar, V. 83947
Szu, H.H., Hsu, C.C., Thaker, P.A., Zaghloul, M.E. Image wavelet transforms implemented by discrete wavelet chips 74460
Szu, H.H., Telfer, B.A. Mathematical theorems of adaptive wavelet transforms 57594
Szu, H.H., Telfer, B.A. Mathematics of adaptive wavelet transforms: relating continuous with discrete transforms 74042
Szu, H.H. *see* Kiang, R.K. 54654
Szu, H.H. *see* Mingui Sun 74456
Szu, H.H. *see* Soo-Young Lee 74461
Szu, H.H. *see* Telfer, B.A. 57595
Szu, H.H. *see* Telfer, B.A. 74047
Szu-Lin Su, Jau-Ming Wu, Jau-Yien Lee TCM with multi-dimensional signal constellation constructed by BCM 57399
Szulakiewicz, P., Kotrys, R. New TCM codes for 4PSK-2PSK modulation 64307
Szumko, S., Husein, S. Discrete-time control of a Maglev system 100906
Szurkowski, E.S. *see* Blahut, D.E. 86775
Szusz, P. *see* Cusick, T.W. 79572
Szuszczewicz, E.P., Earle, G., Hilfer, G., Blanchard, P. Modelling of OTH performance characteristics and applications to future systems 83662
Szydlowski, A. *see* Sadowski, M. 59175
Szydlowski, C. The CAN specifications 85306
Szygenda, S.A. *see* Chang, S.E. 91807
Szygenda, S.A. *see* Sungho Kang 55047
Szylowicz, N. *see* Richard, N. 80936
Szymanowski, H. *see* Tyczkowski, J. 48986
Szymanowski, R.A. No-clean solder process enhancements 92728
Szymczak, H. *see* Drzazga, Z. 72208
Szymczak, R. *see* Drzazga, Z. 72208
Szymczak, R. *see* Zawadzki, J. 72073
Szymkowiak, A.E. *see* Stahle, C.K. 53334
Szymkowiak, A.E. *see* Stahle, C.K. 53363
Szymura, S. *see* Olszewski, J. 50239
Szyper, M., Gajda, J. Modelling and simulation of measuring systems elements 66113
Szyperski, C., Ventre, G. Guaranteed quality of service for efficient multiparty communication 85289
Szyperski, C., Ventre, G. Efficient group communication with guaranteed quality of service 96777
Szyszka, A. Neunburg vorm Wald—test centre for solar hydrogen technology 79264
Szyszka, A. *see* Hoelzner, K. 89554

T, E.L.Castiglioni *see* Castiglioni T, E.L.
T. Thao Nguyen *see* Nguyen T. Thao
Ta, K.-Y. *see* Yeh, J.-H. 82788
Ta-Hsin Li Blind deconvolution of discrete-valued signals 95546
Ta-Hsin Li, Kedem, B. Iterative filtering for multiple frequency estimation 64431
Ta-Kang Ku *see* Chuen-Cherng Chen 86721
Ta-Kang Ma, Chen-Ching Liu, Damborg, M., Chang, M. An integrated model- and rule-based approach to design of automatic switching for subtransmission lines 53640
Ta-Kang Ma, Chen-Ching Liu, Damborg, M., Chang, M. An integrated model- and rule-based approach to design of automatic switching for subtransmission lines 77948
Ta-Ming Fang *see* How, H. 80572
Ta-Sung Lee Efficient wideband source localization using beamforming invariance technique 64486
Ta-Sung Lee Simultaneous nulling for monopulse array with partially adaptive weights 73544
Ta-Sung Lee, Tser-Ya Dai Optimum beamformers for monopulse angle estimation using overlapping subarrays 74005
Taaghol, P., Monogioudis, P., Tafazolli, R., Evans, B.G. Power control in CDMA based PCN 52431
Taahashi, I. *see* Kanmachi, T. 68606
Taal, A. *see* Kolstein, M. 74343
Tabaga, S., Pierrat, L., Foggia, A. Modelling of a high frequency power transformer. 3D magnetodynamic calculation of parameters 90079
Tabar, F.M. *see* Bouzekri, H. 89857
Tabar, F.M. *see* Ouriagli, M. 89883
Tabar, R., Jamali, M.M., Kwatra, S.C. An architecture for DOA estimation for broad-band sources 92271
Tabara, M. *see* Fong, T.K. 52591
Tabara, M. *see* Fong, T.K. 86461
Tabarovsky, L. *see* Tamarchenko, T. 83423
Tabary, L. *see* Eymard, L. 77231
Tabasky, M., Bulat, E.S., Tweed, B., Herrick, C. Investigation of thick, low-temperature plasma deposited silica films for waveguide fabrication 94153
Tabasky, M. *see* Boudreau, R. 94542
Tabata, A. *see* Garcia Perez, M.A. 56594
Tabata, H. *see* Fujimoto, H. 89492
Tabata, H. *see* Nakamura, Y. 93567
Tabata, M. Magneto-optical storage media using DyFeCo film for magnetic field modulation direct overwriting 94213
Tabata, M. *see* Kiyotake, K. 65815
Tabata, T. *see* Kirimura, H. 79946
Tabata, T. *see* Kirk, A.G. 73132
Tabatabaei, S.A. *see* Wood, C.E.C. 81431
Tabatabaian, S.J., Hinton, O.R. Improvements in cryptanalysis algorithms based upon multiple residues 73576
Tabatadze, I.G. *see* Ledentsov, N.N. 91450
Tabbal, M. *see* Meunier, M. 62511
Tabbal, M. *see* Meunier, M. 71412
Tabe, M. Analytical technologies of semiconductor surfaces. I. Secondary ion mass spectroscopy 81170
Tabe, M. *see* Kageshimi, H. 81469
Taber, J. Production VNAs manage high throughput 66663
Tabet, N., Boulares, N., Monty, C. Electrical properties and microstructure of metal oxides varistors 80881
Tabet, S.N. High frequency FFT analysis of an electrically long monopole antenna 73511
Tabet, S.N. *see* Donohoe, J.P. 51208
Tabet-Aouel, N.M. *see* Kouvatsos, D.D. 65003
Tabiani, M. *see* Fekri, F. 73915
Tabiani, M. *see* Hoseini, S. 75126
Tabib-Azar, M. *see* Beheim, G. 66372
Tabib-Azar, M. *see* Garcia-Valenzuela, A. 57173
Tabib-Azar, M. *see* Neudeck, P. 71225
Tabibi, B.M., Terrell, C.A., Lee, J.H., Miner, G. CW iodine laser performance of t-C_4F_9I under closely-simulated air-mass-zero solar pumping 63627
Tabiryan, N.V., Clerc, C.F. Tilt of liquid crystal director controlled by phase of spatially modulated voltage 50592
Tabiryan, N.V., Tschudi, T. Multiwave interference phenomena for display applications 76122
Tabiryan, N.V. *see* Mosini, F. 50589
Tabiryan, N.V. *see* Murazyan, A.L. 50952
Tabisz, W. *see* Dai, N. 68687
Tabisz, W.A. *see* Espinosa, P. 64114
Tabisz, W.A. *see* Grajales, L. 68723
Tabisz, W.A. *see* Hua, G.C. 68077
Taboada, J., Feijoo, S., Balsa, R., Hernandez, C. Explicit estimation of speech boundaries 51403
Tabone, M. *see* Ferrari, M. 75732
Tabors, R.D. Transmission system management and pricing: new paradigms and international comparisons 59765
Tabors, R.D. *see* Tucci, C.L. 68632
Tabory, C.N. *see* Bohn, R.G. 100512
Tabory, C.N. *see* Compaan, A.D. 90434
Tabory, C.N. *see* Compaan, A.D. 100491
Taboryski, R., Geim, A.K., Persson, M., Lindelof, P.E. Nonlinear conductance at small driving voltages in quantum point contacts 49796
Taboryski, R. *see* Baklanov, K. 53321
Tabota, J. Two-end clamp structure enhances characteristics in SMD shock sensors 75964
Tabourier, P. *see* Belbounaguia, N. 58943
Tabucanon, M.T. *see* Ogunlana, S.O. 60908
Tabuchi, K. *see* Wenas, W.W. 100545
Tabuchi, M., Noda, S., Sasaki, A. Mesoscopic structure in lattice-mismatched heteroepitaxial interface layers 70063
Tabuchi, T. *see* Hikita, M. 97150
Tabuchi, T. *see* Kushida, K. 67910
Tabuchi, T. *see* Yoshino, K. 67892
Tabuchi, Y. *see* Sakai, K. 68523
Tabuchi, Y. *see* Tanaka, M. 67780
Tabus, I., Gabbouj, M. Stacking matrix based fast procedure for optimal stack filter design 85106
Tabus, I., Petrescu, D., Gabbouj, M. Multilayer Boolean and stack filter design 64620
Tabus, I., Petrescu, D., Gabbouj, M. Solutions for optimal Boolean and stack filter design under a training framework 95966
Tabuta, T. *see* Manabe, T. 97795
Tacano, M. *see* Tanahashi, S. 93956
Taccetti, J.M. *see* Freund, H.P. 63892
Taccetti, J.M. *see* Jackson, R.H. 53118
Tacconi, E.J., Christiansen, C.F. Regulation loops for the ring magnet power supplies in the SSC accelerator complex 67154
Tacconi, E.J., Christiansen, C.F. A wide range and high speed automatic gain control 76835
Tacconi, E.J. *see* Ojeda, R. 57498
Tacconi, G. *see* Grassia, F. 99239
Tachelet, W., Jacobs, S., Ndayikengurukiye, H., Geise, H.J., Gruner, J. Blue electroluminescent devices with high quantum efficiency from alkoxy-substituted poly(para-phenylene vinylene)-trimers in a polystyrene matrix 50688
Tachibana, A., Kawauchi, S., Yano, T., Yoshida, N., Yamabe, T. Quantum chemical study of the SiC formation process in plasma enhanced chemical vapor deposition system 91577
Tachibana, H. *see* Ogawa, T. 55834
Tachibana, K., Kosugi, N., Sakai, T. Spatio-temporal measurement of excited Xe($1s_4$) atoms in a discharge cell of a plasma display panel by laser spectroscopic microscopy 87360
Tachibana, K., Sakamaki, T., Yamaguchi, T., Yokokawa, N. Networking for DCS using the token-passing bus method 96685
Tachibana, S., Higuchi, H., Takasugi, K., Sasaki, K., Yamanaka, T., Nakagome, Y. A 2.6-ns wave-pipelined CMOS SRAM with dual-sensing-latch 70541
Tachibana, S. *see* Fukami, A. 71833
Tachibana, Y. *see* Hara, M. 71840
Tachikawa, A. *see* Aigo, T. 62869
Tachikawa, K., Kobayashi, M., Natsuume, M., Sakai, S., Miyashita, K. Effects of the germanium addition to the matrix of bronze-processed Nb_3Sn wires 93912
Tachikawa, M. *see* Sasaki, T. 56554
Tachikawa, M. *see* Shimizu, T. 86905
Tachikawa, T. *see* Nakamura, A. 74689
Tachikawa, Y., Kawachi, M. Lightwave transrouter based on arrayed-waveguide grating multiplexer 86412
Tachikawa, Y. *see* Sakai, Y. 75167
Tachikawa, Y. *see* Suzuki, S. 65834
Tachikura, I., Katagiri, T., Uruno, S., Kobayashi, H. Two-stage loop back network configuration for optical fiber cross-connect apparatus 65760
Tachikura, M., Katagiri, T., Kobayashi, N. Strictly nonblocking 512×512 optical fiber matrix switch based on three-stage Clos network 75163
Tachimori, M. *see* Masui, S. 93463
Tachimori, M. *see* Takiyama, M. 49834
Tachimoto, S., Shiraishi, S. Automatic testing system based on process programming for telecommunication software 85500
Tack Park Sang *see* Sang Tack Park

Tack-Don Han *see* Sang-Man Moh 50089
Tacke, M. *see* Fach, M.A. 63767
Tacke, M. *see* Messica, A. 76053
Tacke, M. *see* Xu, J. 50866
Tacke, M. *see* Xu, J. 72810
Tackett, W.A. Genetic programming for feature discovery and image discrimination 57806
Tackeuchi, A. *see* Heberle, A.P. 62266
Tackx, P., Kauranen, M., Persoons, A. Determination of resonant and nonresonant third-order nonlinearities of organic molecules by phase-conjugate interferometry 73052
Tackx, P., Kauranen, M., Persoons, A. Distinction of two-photon absorption from other nonlinear loss mechanisms by phase-conjugate interferometry 73067
Tackx, P. *see* Kauranen, M. 83249
Tada, H. *see* Shima, A. 72907
Tada, K., Nakano, Y. Semiconductor photonic integrated devices 72423
Tada, K. *see* Takizawa, K. 56449
Tada, K. *see* Tsuchiya, Y. 86789
Tada, N. *see* Takahashi, R. 82437
Tada, T., Cho, K., Shimoda, H., Sakata, T., Sobue, S. An evaluation of JPEG compression for on-line satellite images transmission 77311
Tada, T. *see* Ushirogouchi, T. 81630
Tada, Y. Electret motor having rotor employing plastic substrate 60257
Tada, Y. *see* Yoshida, S. 94185
Tada, Y. *see* Yoshida, S. 97835
Tadai, Y., Fukuoka, H., Kimura, M., Honma, R. 72.5 kV tank type gas circuit-breaker 90224
Tadakuma, S., Ehara, M. Historical and predicted trends of industrial AC drives 90572
Tadamura, K. *see* Dobashi, Y. 90626
Tadano, H. *see* Takagi, H. 56030
Tadano, Y. *see* Shibukawa, K. 52060
Taday, P. *see* Cain, N. 83303
Tadayon, B., Kyono, C.S., Godbey, D.J., Tadayon, S., Mittereder, J.A. Observation of extremely large sheet hole densities in uncapped undoped AlSb layers 62192
Tadayon, S. *see* Ho, T.C. 80735
Tadayon, S. *see* Huang, H.C. 80781
Tadayon, S. *see* Tadayon, B. 62192
Taddiken, A.H. *see* Micheel, L.J. 49938
Taddiken, A.H. *see* Moise, T.S. 55412
Taddiken, A.H. *see* Moise, T.S. 71768
Taddiken, A.H. *see* Seabaugh, A.C. 92074
Tadesse, D., Dawson, F.P., Dewan, S.B. A comparison of power circuit topologies and control techniques for a high frequency ballast 69217
Tadeusiewicz, M., Halgas, S. DC analysis of nonlinear electronic circuits via homotopy approach 91863
Tadokoro, M. *see* Tatsuta, F. 55105
Tadokoro, S. *see* Ohtsubo, Y. 100183
Tadokoro, Y. *see* Abe, Y. 88561
Tadokoro, Y. *see* Aoki, T. 94307
Tadokoro, Y. *see* Kawahito, S. 52826
Tadokoro, Y. *see* Kawahito, S. 66244
Tadokoro, Y. *see* Kawahito, S. 80511
Tadokoro, Y. *see* Lipei Huang 78668
Tadokoro, Y. *see* Murakami, J. 84300
Tadokoro, Y. *see* Niu, Z. 65024
Tadokoro, Y. *see* Yegui Xiao 95487
Tadros, G. *see* Measures, R.M. 52888
Tadros, N.N. Application of the 10 KΩ standard resistor as a reference for resistance scaling 97761
Tadros, S. *see* Honda, K. 81657
Tae Ahn Byung *see* Byung Tae Ahn
Tae Chun Byoung *see* Byoung Tae Chun
Tae Gak Kim *see* Heung Sik Kim 93233
Tae Gon Kim *see* Kim Tae Gon
Tae Han Kee *see* Kee Tae Han
Tae Han Seog *see* Seog Tae Han
Tae Hoon Yoon *see* Sang Hoon Chai 80522
Tae Hyuk Ahn, Shin Woo Nam, Kyung Jin Min, Cheol Chung Effect of residual gases on residue formation during tungsten/TiN/Ti etching using SF_6 and Cl_2 gas chemistry 71367
Tae Hyung Kim, Chin Taek Park, Jae Pyo Hong, Hyon Son, Ki Wan Mim, Young Ki Cho Study on radiation pattern of H-plane microstrip array antenna directly coupled to nonradiating edges 95025
Tae Jung Hyun *see* Hyun Tae Jung
Tae Jung Sung *see* Sung Tae Jung
Tae Kim *see* Liu, W. 61902
Tae Kim *see* Liu, W. 80753
Tae Kim Jin *see* Jin Tae Kim
Tae Kim Seok *see* Seok Tae Kim
Tae Kim Yong *see* Yong Tae Kim
Tae Kyoon Kim, Rae-Hong Park Automatic variable block truncation coding technique 74449
Tae Moon Roh, Kyoung Soo Yi, Byoung Gon Yu, Kee Soo Nam Reliability of MOS capacitors and MOSFETs with oxide and reoxidized nitrided oxide as gate insulators 93450
Tae Oh Hak *see* Hak Tae Oh
Tae Park Jong *see* Jong Tae Park
Tae Park Kyu *see* Kyu Tae Park
Tae Seon Kim, Sun Sik Kwak, Chong Ho Lee Neural network method for efficient channel assignment of cellular mobile radio network 75266
Tae Song Kim, Chong Hee Kim, Myung Hwan Oh The effect of buffer layer on the structural and electrical properties of $(BaSr)TiO_3$ thin films deposited on indium tin oxide-coated glass substrate by using a rf magnetron sputtering method 82162
Tae Won Cho, Pyo, S.S., Heath, J.R. PARALLEX: a parallel approach to switchbox routing 55083
Tae Yoon Kim Moment bounds for non-stationary dependent sequences 91228
Tae Young Won *see* Sung Mo Hong 71795
Tae-Hyun Kim, Kobayashi, T. Effects of oxygen added to reagent gas on chemical vapor deposition of diamond thin films 54952
Tae-Kyoon Ha *see* Seok-Hee Han 97936
Tae-Seong Jang *see* Seung-Moon Yoo 70533
Tae-Soo Jung *see* Young-Uk Cha 85848
Tae-Soo-Pyo *see* Seung-Ri Kim 87278
Tae-Sung Kim, Seong-Dae Kim A fast Newton/LMS algorithm 79687
Tae-Yeon Seong, Booker, G.R., Norman, A.G., Ferguson, I.T. Atomic ordering in molecular beam epitaxial $InAs_xSb_{1-y}$ natural strained layer superlattices and homogeneous layers 71095
Tae-Young Yoon *see* Geun-Sun Auh 89530
Taeck-Kie Lee *see* Ho-Seok Lee 100826
Taeg Yong Kwon, Hak Tae Oh, Ju, J.J., Choi, B.C., Kim, J.N., Yun, S.I. Characteristics of second harmonic generation in flux-grown $KTiOPO_4$ crystals 73079
Taegen, F., Kolbe, J. Torque and acoustic noise of the modular permanent magnet motor 100059
Taegkeun Whangbo *see* Malik, R. 57922
Taehyung Zyung *see* Wol-Yon Hwang 65542
Taeil Kim *see* Jae Soo Yoo 63757
Taejin Kim *see* Yunho Choi 49427
Taejin Kim *see* Yunho Choi 70553
Taek Hyun Yun *see* Hyun Meen Jung 95994
Taek Lim, Byeong Gi Lee WDF-based derivation of LBR constraints 70739
Taek Moo Kim, Seung Won Lee, Kwang Uk Chu, Seok Tae Kim, Moon Shick Chung, Seong Woo Kim, O'Dae Kwon, Bong Koo Kang Fabrication and characteristics of 16×8 reflection type symmetric self electro-optic effect device array 72448
Taek Mu Kwon, Zervakis, M.E. Design of regularized filters using linear neural networks 80053
Taek Park Chin *see* Chin Taek Park
Taek-Hyun Lee, Jong-Jean Kim Self-phase modulation spectra for superposed pair of pulses in optical fiber: suggestion for phase shift keying modulation 82534
Taelman, W. *see* Serres, A.W. 69212
Taesam Kang *see* Dohyoung Chung 78651
Taesoo Chung *see* Eunyoung Sohn 85876
Taeyeon Lee, Moohyun Yoon A method for deriving the Hamiltonians of insertion devices 98423
Taeyeon Lee *see* Moohyun Yoon 66787
Taeyoung Pyon *see* Gregory, E. 93913
Taeyoup Kim *see* Wanjik Lee 96233
Tafazolli, R. *see* Taaghol, P. 52431
Tafjord, H. *see* Kristiansen, H. 88214
Taflove, A. *see* Joseph, R.M. 94619
Taflove, A. *see* Katz, D.S. 83634
Taflove, A. *see* Piket-May, M. 70344
Taflove, A. *see* Reuter, C.E. 94909
Taflove, A. *see* Strickel, M. 53553
Taflove, A. *see* Thiele, E. 73489
Taflove, A. *see* Thomas, V.A. 55091
Taflove, A. *see* Umashankar, K. 53552
Taft, G. *see* Jianping Zhou 72745
Taft, J. *see* Barclay, I. 69449
Taft, R.C., Hayden, J.D., Denning, D.J., Kirsch, H.C. A high-performance low-complexity bipolar technology using selective collector compensation 62965
Taft, R.C., Lin, J.-H., Shapiro, F., Bockelman, D., Camilleri, N. A very-low RF noise and high-performance (4.8 fJ) bipolar device in a 0.35 μm high-density BiCMOS SRAM technology 70490
Taft, R.C. *see* Hayden, J.D. 63040
Tafti, H.Arbab *see* Arbab Tafti, H.
Tag, M. PRISM — a framework for the management of telecommunications services 51973
Tag, P.M. *see* Peak, J.E. 99211
Taga, F. *see* Wakayama, T. 75640
Taga, H., Edagawa, N., Yoshida, Y., Yamamoto, S., Wakabayashi, H. IM-DD long-distance multichannel WDM transmission experiments using Er-doped fiber amplifiers 86447
Taga, H., Suzuki, M., Edagawa, N., Tanaka, H., Yoshida, Y., Yamamoto, S., Akiba, S., Wakabayashi, H. Multi-thousand kilometer optical soliton data transmission experiments at 5 Gb/s using an electroabsorption modulator pulse generator 52554
Taga, H., Yamamoto, S., Edagawa, N., Yoshida, Y., Akiba, S., Wakabayashi, H. Fiber chromatic dispersion equalization at the receiving terminal of IM-DD ultra-long distance optical communication systems 75463
Taga, H., Yamamoto, S., Edagawa, N., Yoshida, Y., Akiba, S., Wakabayashi, H. The experimental study of the effect of fiber chromatic dispersion upon IM-DD ultra-long distance optical communication systems with Er-doped fiber amplifiers using a 1000 km fiber loop 86448
Taga, H., Yamamoto, S., Edagawa, N., Yoshida, Y., Akiba, S., Wakabayashi, H. Performance evaluation of the different types of fiber-chromatic-dispersion equalization for IM-DD ultralong-distance optical communication systems with Er-doped fiber amplifiers 97254
Taga, H. *see* Suzuki, M. 65832
Taga, H. *see* Suzuki, M. 75420
Taga, M., Kobayashi, T. Field-induced surface carrier density in $Pt/SrTiO_3/p$-Si metal-insulator-semiconductor structure in excess of 3×10^{13} cm^{-2} 55667
Taga, S. *see* Kokubun, Y. 72397
Taga, T. Characteristics of space-diversity branch using parallel dipole antennas in mobile radio communications 58308
Taga, Y. *see* Ishii, M. 93160
Tagami, H. *see* Ushiyama, Y. 97532
Tagami, K. Prospect of electric vehicles 60563
Tagami, K. *see* Motomura, Y. 72102
Tagami, T. *see* Suma, S. 85958
Tagantsev, D.K. *see* Iveshevskii, S.N. 50563
Tagashira, H. *see* Araki, M. 94149
Tagashira, H. *see* Nakao, Y. 63062
Tagashira, T. *see* Akashi, H. 63662
Tagawa, A. *see* Koden, M. 56457
Tagawa, I., Nakamura, Y. Magnetic recording simulation considering mean field interaction 50324
Tagawa, I., Nakamura, Y. Magnetic recording simulation and its applications 72103
Tagawa, I., Takeo, A., Nakamura, Y. Mean interaction field in magnetic recording media 72116
Tagawa, I. *see* Shinohara, M. 71972
Tagawa, N. *see* Kashitani, A. 92790
Tagawa, S. *see* Ogata, A. 87880
Tager, A.A., Petermann, K. High-frequency oscillations and self-mode locking in short external-cavity laser diodes 72865
Tagg, A.G. *see* Cao, X.G. 65158
Tagg, A.G. *see* Chia, L.T. 52241
Tagg, A.G. *see* Nche, C.F. 86703
Tagg, W.I.E., Skolnick, M.S., Mowbray, D.J., Whittaker, D.M., Emeny, M.T., Whitehouse, C.R., Buckle, P.D. Optical and electrical investigation of an asymmetric strained-layer double-barrier resonant-tunnelling structure 81323
Taggart, J.H. *see* Berry, M.M.J. 90845
Taghezout, D. Simulation of electromagnetic and thermal systems using the method of finite elements 64062
Taghezout, D. *see* Simond, J.-J. 89742
Taghizadeh, M.R. *see* Beerschwinger, U. 49030
Taghizadeh, M.R. *see* Mullins, J.T. 71302
Tagiev, Z.A., Kasumova, R.Zh., Amirov, Sh.Sh. Theory of intracavity second-harmonic generation in the prescribed-intensity approximation 50922
Tagilayev, A.R. Smooth microwave attenuators 55374
Tagishi, K. *see* Ara, K. 58912
Tagliafico, L. *see* Mathes, R. 100777
Tagliavia, D. *see* Palara, S. 60591
Tago, A. *see* Mino, M. 91881
Tago, H. *see* Takahashi, M. 80386
Taguchi, A., Takashima, H., Murata, Y. Fuzzy filters for image smoothing 64644
Taguchi, A. *see* Serikawa, M. 77727
Taguchi, A. *see* Takashima, H. 74574
Taguchi, K., Sano, H., Tanaka, S., Takaoka, S., Suzuki, N., Kumakura, T. Transfer blowing technique for simplified ABF system 97325
Taguchi, K. *see* Nakanishi, T. 76214
Taguchi, K. *see* Tsuji, M. 70014
Taguchi, M., Fujimoto, T., Tanaka, K. CPW fed active dipole antenna for television receivers 95045
Taguchi, T. *see* Ohtsuka, H. 49936
Tague, J.A., Caldwell, C.I. Expectations of useful complex Wishart forms 57619
Tague, J.A., Pike, C.M., Sullivan, E.J. Active sonar detection in multipath: a new bispectral analysis approach 58502
Tague, J.A., Shimoda, L.M. Precision waveform shaping and precompensation for high data rate space communications systems 52447
Tague, J.A. *see* Riley, H.B. 74051
Tague, J.A. *see* Riley, H.B. 97452
Taguena-Martinez, J., del Rio, J.A., Ochoa-Tapia, J.A. Transverse component of the electrical conductivity of porous silicon—I 49771
Tah-Hsiung Chu *see* Chien-Chang Huang 92518
Tah-Hsiung Chu *see* Tzong-Jyh Chen 97826
Taha, H.A. *see* Li Yan 91127
Taha, S.M.R. An autoranging 3 1/2—digit precision digital multimeter 98182
Tahan, D.M., Safari, A. Pure and modified lead titanate thin films by sol-gel 54935
Tahan, S.-A., Kamwa, I., Viarouge, P., Ferfra, M. A generalized model of saturated synchronous machines 89853
Tahan, S.A. *see* Ferfra, M. 89957
Tahani, H. *see* Keller, J.M. 84912
Tahar, S., Kumar, R. Implementing a methodology for formally verifying RISC processors in HOL 55310
Tahar, S., Kumar, R. Formal verification of pipeline conflicts in RISC processors 92255
Tahar, S. *see* Feldbusch, F. 80313
Tahara, H. *see* Miyake, K. 53235

Tahara, H. *see* Yasui, T. 67273
Tahara, H. *see* Yasui, T. 87942
Tahara, K. *see* Notohara, Y. 68882
Tahara, K. *see* Umemoto, T. 61941
Tahara, N. *see* Nakamura, K. 99724
Tahara, S. *see* Nagasawa, S. 55268
Tahara, S. *see* Nagasawa, S. 61732
Tahara, S. *see* Nagasawa, S. 92199
Tahara, Y. *see* Kashihara, Y. 55259
Tahata, S. *see* Nakajima, H. 72462
Taher, H.I.Haki *see* Haki Taher, H.I.
Taher, I., Aslam, M., Tamor, M.A., Potter, T.J., Elder, R.C. Piezoresistive microsensors using p-type CVD diamond films 97952
Taheri, B.A., Knight, R.T., Smith, R.L. A dry electrode for EEG recording 88506
Tahernezhadi, M., Cruz, J.R. Performance of linear equalizers in the presence of adjacent channel interference and frequency selective fading 52326
Tahernezhadi, M., Cruz, J.R. Application of feedback equalizers in combating adjacent channel interference 52327
Tahi, F. *see* Grumbach, S. 95508
Tahkokorpi, M. *see* Olsen, B.T. 86380
Tahkorpi, M. *see* Zaganiaris, A. 52544
Tahui Wang, Chimoon Huang, Chou, P.C., Chung, S.S.-S., Tse-En Chang Effects of hot carrier induced interface state generation in submicron LDD MOSFET's 81886
Tahui Wang *see* Tsyr-Shyang Liou 92981
Tai, A., Kittler, J., Petrou, M., Windeatt, T. Vanishing point detection 84650
Tai, C.C. *see* Chang, P.-R. 52703
Tai, C.T. New formulations and notations to teach vector analysis 79169
Tai, E. *see* Flores, G.E. 81673
Tai, G.-C., Korman, C.E., Mayergoyz, I.D. A parallel-in-time method for the transient simulation of SOI devices with drain current overshoots 81754
Tai, H., Kobayashi, T. Linear array probe using biconcave transducers 76953
Tai, H. *see* Toriumi, R. 67884
Tai, K. *see* Gabara, T. 49201
Tai, K. *see* Gabara, T. 54526
Tai, K.L. *see* Day, R.-L. 48680
Tai, K.L. *see* Katz, A. 72813
Tai, L.C. *see* Wu Jianmin 63258
Tai, R.C.V., Wu, H.R. An experimental electrical impedance tomography system 74430
Tai, S. *see* Nitta, Y. 72522
Tai, S.C. An extensive Markov process for ECG noiseless coding 88501
Tai, S.C. *see* Lin, J.S. 85196
Tai, T.H. *see* Chan, J. 59833
Tai, W.W. *see* Tarascon, R.G. 81635
Tai, Y.-C. *see* Guerrero, T.M. 98826
Tai, Y.-C. *see* Guerrero, T.M. 98827
Tai, Y.-C. *see* Liu, J. 55786
Tai Chen Don't be alarmed — it's the layered look [telecommunication networks] 85503
Tai Chen-To *see* Chen-To Tai
Tai Chien-To *see* Chien-To Tai
Tai Chih-Chiang *see* Chih-Chiang Tai
Tai Hyun Yoon, Ho Suhng Suh, Myung Sai Chung, Hong Jin Kong Development of laser diode sources for small-size Ca optical frequency standards 83100
Tai Ju-Wei *see* Ju-Wei Tai
Tai Lee Jong *see* Jong Tai Lee
Tai Man *see* Cabrera, I. 50939
Tai Min, Jian-Gang Zhu Bicrystal advanced thin-film media for high density recording 63178
Tai Shen-Chuan *see* Shen-Chuan Tai
Tai Yu-Chong *see* Yu-Chong Tai
Tai-Chien Liu *see* Jiing-Yuan Lin 92155
Tai-Ching Wang *see* Chia-Fu Chen 61408
Tai-Ching Wang *see* Chia-Fu Chen 71294
Tai-Chiung Hsieh *see* Hsu, K.Y. 57739
Tai-Kyung Won *see* Seung-Chan Moon 81646
Tai-Ming Parng *see* Jui-Ching Shyur 91988
Tai-Po Chu, Rappaport, S.S. Generalized fixed channel assignment in microcellular communication systems 75344
Tai-Wu Kao, Kao, J.T. Modeling and simulation of cascade communication network with impedance mismatches 85437
Tai-Yi Chen *see* Chang-Jia Chen 73714
Tai-Yu Chou, Cendes, Z.J. Capacitance calculation of IC packages using the finite element method and planes of symmetry 79344
Tai-Yun Kim *see* Yong-Jin Lee 85632
Taiariol, F. *see* Salviati, G. 79837
Taichin Lo *see* Lo Taichin
Taick Park Sang *see* Sang Taick Park
Taijie Wang *see* Zhijin Jiang 67394
Taik-Kee Kim *see* Hee-Tae Kim 71983
Taik-Kee Krm *see* Kyeong-Sup Kim 63169
TaiKang Ning *see* Shih-Min Kao 95906
Taike, A. *see* Migita, M. 72629
Tailhardat, S. *see* D'Ambrosio, C. 67286
Taillandier, P.Le *see* Le Taillandier, P.
Taillardat, P., Aubert, H., Baudrand, H. A combination of quasistatic approach with an integral method for the characterization of microwave planar circuits 92510
Taille, C.de la *see* de la Taille, C.
Taillon, Y., Labranche, B., Morin, M., Galarneau, P. Laser-pumped Yb:Er:glass laser 56683
Taima, K. *see* Ueda, H. 56981
Tainaka, T. *see* Ohdachi, Y. 90069
Taipale, D.J., Seo, M.J. An efficient soft-decision Reed-Solomon decoding algorithm 95112
Taira, H. *see* Hasegawa, M. 88338
Taira, K. *see* Nomoto, K. 81779
Taira, K. *see* Takamasu, T. 82003
Taira, S. *see* Arakaki, Y. 86266
Taira, S. *see* Ikegami, T. 52444
Taira, S. *see* Yamamoto, S. 88711
Taira, T., Kobayashi, T. Q-switching and frequency doubling of solid-state lasers by a single intracavity KTP crystal 63938
Taira, T. *see* Bowkett, G.C. 63753
Taishan Liu *see* Liu Taishan
Taisne, J.-P. *see* Cojan, M. 53766
Taisne, J.P. *see* Rieffel, O. 99726
Tait, G.B. Microwave mixers employing multiple-barrier semiconductor heterostructure devices 80672
Tait, G.B. *see* Zybura, M.F. 80175
Tait, J. *see* Dolgetta, N. 83540
Tait, R.B., Humphries, R., Lorenz, J. Thick film heater elements and temperature sensors in modern domestic appliances 69246
Tait, R.N., Mitchell, A.W. Mechanical limitations in the performance of integrated acoustic sensors 66196
Tajahuerce, E., Moya, A., Garcia, J., Ferreira, C. Real filter based on Mellin radial harmonics for scale-invariant pattern recognition 57668
Tajima, E., Kondoh, S., Suzuki, Y. 5.5 inch video graphic array antiferroelectric display 72466
Tajima, H. *see* Alexander, J.P. 59072
Tajima, H. *see* Alexander, J.P. 70305
Tajima, K., Kaga, A., Anazawa, Y., Ichinokura, O. One method for calculating flux-MMF relationship of orthogonal-core 50376
Tajima, K., Tateda, M., Ohashi, M. Viscosity of GeO_2-doped silica glasses 50442
Tajima, K. *see* Ichinokura, O. 54051
Tajima, K. *see* Kaga, A. 54012
Tajima, K. *see* Nakamura, S. 73068
Tajima, S. *see* Saitoh, Y. 59022
Tajima, T. *see* Hernandez, J.V. 59551
Tajima, T. *see* Makowitz, H. 87937
Tajima, T. *see* Nakajima, K. 76627
Tajima, T. *see* Saito, K. 67129
Tajima, T. *see* Watanabe, N. 52494
Tajima, Y., Fukuda, E., Nakamura, T. Dynamic channel assignment technology for cellular mobile communications systems 52350
Tajima, Y. *see* Tsai, M.C. 80610
Tajiri, F. *see* Nakajima, H. 72261
Tajiri, K. *see* Ohtsubo, Y. 100183
Tajwar, S., Mason, S.G., Birch, G.E. Performance measures for ERP signal extraction methods 88510
Tak Kit Tong *see* Siou Teck Chew 95015
Tak Kwan Lee *see* Tierno, J.A. 55300
Tak Lim Chae *see* Chae Tak Lim
Tak Yum Mak *see* Mak Tak Yum
Tak-Hyun Yoon *see* Hye-Keun Oh 71479
Tak-Shing Peter Yum, Mon-Song Chen Multicast source routing in packet-switched networks 51768
Tak-Shing Peter Yum *see* Tat-Keung Chan 65320
Tak-Shing Peter Yum *see* Wong, P.C. 51843
Tak-Shing Yum, Kai-Hau Yeung The confirm before delivery technique for high speed data distribution 85853
Tak-Shing Yum *see* To, P.P. 75430
Taka, M., Abe, T. Network reliability design techniques to improve customer satisfaction 96267
Takabashi, Y. *see* Yamada, T. 65488
Takabayashi, A. *see* Ohue, K. 95776
Takabayashi, T. *see* Tomita, Y. 71053
Takabe, M. *see* Sugimoto, N. 67826
Takac, M. Self-calibration in one dimension 66096
Takachio, N., Norimatsu, S., Iwashita, K., Yonenaga, K. Transmission limitations due to self-phase modulation in optical PSK heterodyne detection systems employing chromatic dispersion equalization 52556
Takachio, N. *see* Norimatsu, S. 75415
Takacs, B. Use of SDL in an object oriented design process during the development of a prototype switching system 96916
Takacs, L. On the total heights of random rooted binary trees 69708
Takacs, P.Z. *see* Hansen, R.W.C. 88286
Takacs, S. Requirements on experimental arrangements for measuring AC losses expected in magnetic systems 93996
Takacs, S., Kaneko, H., Yamamoto, J. Time constants of normal metals and superconductors at different ramp rates during a cycle 72252
Takacs, S., Yamamoto, J. Time constants of flat superconducting cables at low and high frequencies 99713
Takada, A., Sato, K., Saruwatari, M., Yamamoto, M. Pulse width tunable subpicosecond pulse generation from an actively modelocked monolithic MQW laser/MQW electroabsorption modulator 56801
Takada, A. *see* Sato, K. 72809
Takada, E. *see* Itano, A. 87686
Takada, E. *see* Kumada, M. 68748
Takada, E. *see* Murakami, T. 76296
Takada, H., Tsutsui, Y., Emura, K., Tomimasu, T. Superconducting compact synchrotron light source 67037
Takada, H. *see* Sugibayashi, T. 70552
Takada, H. *see* Sugibayashi, T. 92215
Takada, H. *see* Takeshima, T. 61701
Takada, H. *see* Takeshima, T. 92226
Takada, I. *see* Saitoh, Y. 59022
Takada, J., Tanisho, A., Ito, K., Ando, M. Circularly polarised conical beam radial line slot antenna 94999
Takada, J. *see* Ito, K. 53451
Takada, K., Himeno, A., Kato, K., Okuno, M. Development of fiber-optic depolarizer and its application to measurement systems for polarization-insensitive operation of silica-waveguide matrix switches 96937
Takada, K., Horiguchi, M. Jaggedness-free millimeter-resolution low coherence reflectometry 65755
Takada, K., Inoue, Y., Yamada, H., Horiguchi, M. Measurement of phase error distributions in silica-based arrayed-waveguide grating multiplexers by using Fourier transform spectroscopy 96933
Takada, K., Sugita, S., Ikeuchi, R., Okuda, N., Fujinami, T. Body composition measurement by electrical bio-impedance method to establish the effect of daily physical training in adolescents 67566
Takada, K., Yamada, H., Horiguchi, M. Optical low coherence reflectometer using [3×3] fiber coupler 82562
Takada, M. *see* Kuroda, T. 65639
Takada, M. *see* Nakamura, K. 92228
Takada, M. *see* Nakamura, K. 92237
Takada, M. *see* Suka, M. 86661
Takada, N., Nishiwaki, A. A study on the accuracy of the phase measurement of distance-measuring instrument using amplitude-modulated laser light 50984
Takada, N., Ono, H., Nagura, R., Narimatsu, Y., Hiramatsu, M., Harada, H. Optical Sensor System (OPS) for JERS-1 check-out results 77613
Takada, N., Sasaki, K., Takahashi, O., Nagatsu, M., Tsukishima, T. Single-mode operation of a compact D_2O laser for injection locking and oscillator-amplifier systems 82917
Takada, N., Tsutsui, T., Saito, S. Strongly directed emission from controlled-spontaneous-emission electroluminescent diodes with europium complex as an emitter 72625
Takada, O. *see* Tsukakoshi, M. 96679
Takada, R., Yamada, H., Horiguchi, M. Loss distribution measurement of silica-based waveguides by using a jaggedness-free optical low coherence reflectometer 82634
Takada, S., Sasaki, T. Magnetostrictions of electrical iron sheets under controlled magnetization 63148
Takada, S. *see* Akoh, H. 63313
Takada, S. *see* Aoyagi, M. 80281
Takada, S. *see* Cristiano, R. 63296
Takada, S. *see* Koga, S. 93964
Takada, S. *see* Kubo, T. 82360
Takada, S. *see* Tanahashi, S. 93956
Takada, S. *see* Tanaka, T. 63143
Takada, S. *see* Yamamoto, T. 66593
Takada, S. *see* Yamanaka, Y. 97690
Takada, T. *see* Kawasaki, T. 82713
Takada, T. *see* Kawasaki, T. 93694
Takada, T. *see* Li, Y. 98293
Takada, T. *see* Maeno, T. 98120
Takada, T. *see* Nakamura, S. 62966
Takada, T. *see* Tanaka, K. 50148
Takada, T. *see* Tanaka, K. 82172
Takada, T. *see* Ying Li 53048
Takada, Y., Kazami, K., Uehara, G., Kado, H. Noise study of gradiometer comprised of a Ketchen-type DC-SQUID with additional positive feedback (APF) 97908
Takada, Y., Xinhua Zhuang, Wakita, H.J. A geometric algorithm finding set of linear decision boundaries 74502
Takada, Y. *see* Kakuda, Y. 65039
Takada, Y. *see* Kazami, K. 56247
Takada, Y. *see* Kazami, K. 59263
Takada, Y. *see* Kobayashi, S. 98324
Takada, Y. *see* Kumada, M. 68748
Takada, Y. *see* Mizutani, N. 56264
Takada, Y. *see* Tsuda, M. 89305
Takada, Y. *see* Tsuda, M. 93916
Takada, Y. *see* Yamaji, T. 63141
Takada, Y. *see* Yamamoto, M. 61399
Takada Jun-ichi *see* Jun-ichi Takada
Takado, N. *see* Kohmoto, S. 71543
Takaesu, F. *see* Tomita, N. 65835
Takagaki, S. *see* Ohsaki, K. 49418
Takagaki, T. *see* Hirasawa, S. 93113
Takagaki, Y., Friedland, K.J., Ploog, K. Electron distribution in a periodically line-doped GaAs 62173
Takagi, A., Mori, Y. Plasma sputter multicusp negative/positive ion source with ECR discharge 53201
Takagi, A. *see* Asamaki, T. 62503
Takagi, A. *see* Asamaki, T. 79900
Takagi, D. *see* Fukutani, I. 51119

Takagi, E. *see* Nagaoka, M. 92572
Takagi, F. *see* Arai, A. 72173
Takagi, H., Kawauchi, H., Yoshida, T., Miura, S., Ito, H., Tadano, H. High voltage bipolar mode SIT with low power loss 56030
Takagi, H., Leung, K.K. Analysis of a discrete-time queueing system with time-limited service 96706
Takagi, H. *see* Eisaki, H. 72221
Takagi, H. *see* Yamazaki, G. 96621
Takagi, J. *see* Kotaki, H. 91447
Takagi, J. *see* Sugihara, T. 71452
Takagi, K. *see* Arakawa, F. 70667
Takagi, K. *see* Harada, Y. 70569
Takagi, K. *see* Masugi, M. 79266
Takagi, K. *see* Nishino, T. 50419
Takagi, K. *see* Takeda, E. 50429
Takagi, M. *see* Hirose, F. 61412
Takagi, M. *see* Ho, G. 67899
Takagi, M. *see* Ho, G. 97423
Takagi, M. *see* Jian Kang Wu 77216
Takagi, M. *see* Kato, Y. 50730
Takagi, M. *see* Shinbori, E. 95869
Takagi, M. *see* Sobue, S. 77286
Takagi, M. *see* Sobue, S. 77287
Takagi, M. *see* Sugaya, I. 66066
Takagi, M. *see* Takamura, S. 57891
Takagi, M. *see* Tao Chen 77377
Takagi, M.T., Yoshii, I., Hashimoto, K. Characterization of hot-carrier-induced degradation of MOSFETs enhanced by H_2O diffusion for multilevel interconnection processing 62837
Takagi, M.T., Yoshii, I., Ikeda, N., Yasuda, H., Hama, K. A highly reliable metal-to-metal antifuse for high-speed field programmable gate arrays 92072
Takagi, M.T. *see* Harada, K. 62750
Takagi, M.T. *see* Yasuda, H. 62338
Takagi, N., Nakashima, K., Mukaidono, M. A canonical disjunctive form of extended Kleene-Stone logic functions 49255
Takagi, N., Yagi, M., Hattori, T., Yamada, Y., Aoki, M., Hirose, S., Katsuta, H., Nasu, H., Hino, T., Hayashi, T. Universal PCI series gate array family for PCI bus 61644
Takagi, N. *see* Kumazawa, T. 59946
Takagi, S., Czarnul, Z., Fujii, N. A synthesis of highly linear MOS circuits and their application to filter realization 49524
Takagi, S., Fujii, N. Novel highly linear MOS integrator using a negative impedance convertor (NIC) 55330
Takagi, S., Toriumi, A. New experimental findings on hot carrier transport under velocity saturation regime in Si MOSFETs 62839
Takagi, S. *see* Czarnul, Z. 49187
Takagi, S. *see* Ismail, M. 49590
Takagi, S. *see* Ono, K. 49525
Takagi, T., Kihara, Y., Sugii, M. 24/36 kV cubicle type gas-insulated switchgear 90223
Takagi, T., Nakajima, N. Photoforming applied to fine machining 55844
Takagi, T., Ogura, S., Ikeda, Y., Suematsu, N. Intermodulation and noise power ratio analysis of multiple-carrier amplifiers using discrete Fourier transform 86040
Takagi, T., Tani, J. Dynamic behavior analysis of a plate in magnetic field by full coupling and MMD methods 83491
Takagi, T. *see* Baba, K. 87468
Takagi, T. *see* Baba, K. 97776
Takagi, T. *see* Itoh, Y. 80771
Takagi, T. *see* Jianqing Wang 98913
Takagi, T. *see* Kohata, M. 57340
Takagi, T. *see* Mishima, N. 71916
Takagi, T. *see* Sugimoto, H. 92861
Takagi, T. *see* Taniguchi, M. 70996
Takagi, T. *see* Taniguchi, M. 92713
Takagi, T. *see* Tsukamoto, K. 92313
Takagi, T. *see* Ushida, H. 51633
Takagi, T. *see* Wang, J. 86188
Takagi, Y. Simple autocorrelator for ultraviolet pulse-width measurements based on the nonlinear photoelectric effect 97997
Takagi, Y., Yonezu, H., Hachiya, Y., Pak, K. Reduction mechanism of threading dislocation density in GaAs epilayer grown on Si substrate by high-temperature annealing 70015
Takagi, Y. *see* Kubecek, V. 50776
Takagi, Y. *see* Yamada, K. 75790
Takagishi, S. *see* Saegusa, A. 93140
Takahagi, T., Ishitani, A., Wakao, S. Chemical structure and reactivity of a silicon single crystal surface fluorinated by xenon fluoride 81517
Takahama, K. *see* Nakaue, K. 58303
Takahama, T. *see* Matsuyama, T. 100579
Takahama, T. *see* Nishikuni, M. 78812
Takahama, T. *see* Sawada, T. 100524
Takahama, T. *see* Sawada, T. 100588
Takahama, Y., Jian Du, Yanagidaira, T., Hirano, K. A simple, quantitative method for measuring pulsed soft X rays 88336
Takahara, A. Formal design verification methods based on process algebra 92089
Takahara, H., Asano, K., Iwasaki, M., Takamatsu, Y., Tanibata, Y., Suzuki, T. Particle analyzer system 97838
Takahara, H. *see* Arai, Y. 96945
Takahara, J., Gamo, K., Namba, S., Murase, K. Effect of scattering on ballistic transport in GaAs/GaAlAs heterostructures: Magnetotransport in anti-dot lattice 71189
Takahara, M., Komatsu, T., Ishiba, K. Fundamental considerations for bit-rate flexible optical fiber systems using EDFAs 86401
Takahara, M., Saito, T., Aiba, H. Simulation of operating characteristics on FDDI systems 52097
Takahasahi, N. Application of Hi-Vision still picture presentation system 75736
Takahashi, A., Nagabuchi, H. A measure for selecting source signals used in quality assessment of coded music signals 58607
Takahashi, A., Nakajima, J., Murakami, Y., Ohta, K., Ishikawa, T. Improvement of readout resolution with an in-plane magnetization film for a magneto-optical disk 72297
Takahashi, A., Nishijima, K. Laser-induced breakdown characteristics of nonuniform dc corona discharge fields 82138
Takahashi, A., Nishizawa, M., Inagaki, Y., Koishi, M., Kinoshita, K. New femtosecond streak camera with temporal resolution of 180 fs 76090
Takahashi, A., Sakamoto, Y., Takeda, H., Kagebayashi, Y., Shimoi, H., Mizuta, H., Fukuda, I. Back modulation type flat CRT 87388
Takahashi, A. *see* Kano, A. 86358
Takahashi, A. *see* Mizoguchi, T. 85978
Takahashi, A. *see* Myoungsik Cha 94616
Takahashi, A. *see* Sakakibara, I. 52529
Takahashi, A. *see* Yoshida, K. 61988
Takahashi, C. *see* Kuriki, S. 86085
Takahashi, C. *see* Tsuchizawa, T. 93200
Takahashi, E., Katoh, E., Komura, T. Photoelectrochemical cell sensitized by porphyrin heterodimer 90344
Takahashi, E., Shirasaka, Y., Okuyama, K. Analysis of an anisotropic nonlinear electric field with a discussion of dielectric tests for converter transformers and smoothing reactors 78718
Takahashi, E. *see* Ozawa, J. 68896
Takahashi, E. *see* Takasaki, I. 92867
Takahashi, E. *see* Toda, K. 93561
Takahashi, E. *see* Yamaguchi, Y. 84378
Takahashi, F. *see* Engelkemier, B. 86921
Takahashi, F. *see* Liao, C.S. 86631
Takahashi, F. *see* Yoshino, T. 97752
Takahashi, H. High speed calculation of element matrix based on tabulation techniques 54795
Takahashi, H. New derivation method of the surge impedance on the tower model of a vertical conductor by the electromagnetic field theory 68258
Takahashi, H., Harada, K., Nakazawa, M., Hasegawa, K.-i., Mochiki, K.-i., Hayakawa, Y., Inada, T. Development of a new X-ray radiography system with 16 amorphous silicon linear sensors 59377
Takahashi, H., Hiki, Y., Kogure, Y. An improved transient hot-wire method for studying thermal transport in condensed matter 98333
Takahashi, H., Kajiki, Y., Shimizu, E. An approach to the optical parallel data transmission using optical symbolic substitution 65847
Takahashi, H., Kimoto, H., Mitsuishi, M., Sasaki, M., Migita, T. 288 K bit ultra high-speed synchronous ECL SRAM 61705
Takahashi, H., Kinjoh, S., Kawarabayashi, J., Iguchi, T., Nakazawa, M. A multiparametric waveform analysis of Ge detector signal based on fast ADC digitizing technique 98732
Takahashi, H., Kodama, S., Kawarabayashi, J., Iguchi, T., Nakazawa, M. A new pulse height analysis system based on fast ADC digitizing technique 59190
Takahashi, H., Kojima, Y. Oxide-semiconductor interface roughness and electrical properties of polycrystalline silicon thin-film transistors 49989
Takahashi, H., Nagata, H., Kataoka, H. Optimization of fabrication parameters for Ge-based laminated polarizer 94173
Takahashi, H., Ohashi, M., Kondo, T., Ogasawara, N., Shiraki, Y., Ito, R. New semiconductor second-harmonic generator based on quasi-phase-matching for cavity-enhanced fundamental standing wave 94637
Takahashi, H., Suzuki, S., Nishi, I. Wavelength multiplexer based on SiO_2-Ta_2O_5 arrayed-waveguide grating 75460
Takahashi, H., Zaleta, D., Jian Ma, Ford, J.E., Fainman, Y., Lee, S.H. Packaged optical interconnection system based on photorefractive correlation 56941
Takahashi, H. *see* Fukui, K. 100565
Takahashi, H. *see* Harada, M. 55902
Takahashi, H. *see* Hasegawa, K. 88535
Takahashi, H. *see* Hatanaka, Y. 76211
Takahashi, H. *see* Horii, N. 85761
Takahashi, H. *see* Inoue, A. 70900
Takahashi, H. *see* Inoue, Y. 56403
Takahashi, H. *see* Ishida, O. 75395
Takahashi, H. *see* Ishida, O. 75506
Takahashi, H. *see* Ishida, O. 97293
Takahashi, H. *see* Kojima, M. 75762
Takahashi, H. *see* Oda, K. 86368
Takahashi, H. *see* Ohtsubo, K. 86728
Takahashi, H. *see* Shirasawa, K. 100648
Takahashi, H. *see* Takahashi, M. 48969
Takahashi, H. *see* Ushiyama, Y. 97532
Takahashi, H. *see* Yamashita, J. 55969
Takahashi, H. *see* Yanagida, N. 61639
Takahashi, I., Koganezawa, T., Su, G., Ohyama, K. A super high speed PM motor drive system by a quasi-current source inverter 69106
Takahashi, I., Koganezawa, T., Su, G., Oyama, K. A super high speed PM motor drive system by a quasi-current source inverter 60541
Takahashi, I., Sato, T., Takeda, M. Applications of nonlinear impedance circuit composed of diodes and capacitors or inductors 60363
Takahashi, I. *see* Harada, K. 61120
Takahashi, I. *see* Niwano, M. 81478
Takahashi, J., Satoh, S., Tokuda, M., Sakanaka, Y., Aoki, H., Ohmae, H. 32-bit embedded microprocessor V805 61757
Takahashi, J., Wada, T., Nishimura, K. A dynamic current-offset calibration (DCC) sense amplifier with fish-bone shaped bitline (FBB) for high-density SRAMs 70540
Takahashi, J. *see* Inoue, Y. 92232
Takahashi, J. *see* Omachi, T. 58244
Takahashi, J. *see* Urisu, T. 61298
Takahashi, J.-I. *see* Machida, K. 55983
Takahashi, J.-Y., Suzuki, H., Nishizeki, T. Algorithms for finding noncrossing paths with minimum total length in plane graphs 48788
Takahashi, K. A Hough transform method for detection of roads in aerial images and path search 64606
Takahashi, K., Inase, T., Kondo, A. Copying characteristics of the magnetically induced super-resolution disk 82263
Takahashi, K., Mori, S. Convergence analysis of processing cost reduction method of NLMS algorithm 64563
Takahashi, K., Nakajima, K., Terai, M., Sato, K. Adaptive cut line selection in min-cut placement for large scale sea-of-gates arrays 92162
Takahashi, K., Sato, E., Sagae, M., Oizumi, T., Tamakawa, Y., Yanagisawa, T. Fundamental study on a long-duration flash X-ray generator with a surface-discharge triode 81160
Takahashi, K., Seki, S., Oka, R. Spotting recognition of human gestures from motion images 57769
Takahashi, K., Takeuchi, S. Bi-MOSFET amplifier for integration with multimicroelectrode array for extracellular neuronal recording 53418
Takahashi, K., Yoshida, K., Horii, H. Development of the low cost and high voltage CMOS process 61616
Takahashi, K. *see* Ando, T. 96244
Takahashi, K. *see* Fernando, C.A.N. 78781
Takahashi, K. *see* Gruverman, A. 93729
Takahashi, K. *see* Hayakawa, Y. 79763
Takahashi, K. *see* Kojima, N. 91481
Takahashi, K. *see* Kubo, M. 87048
Takahashi, K. *see* Kuribayashi, S. 82952
Takahashi, K. *see* Kuwahara, H. 93366
Takahashi, K. *see* Mizomata, Y. 93915
Takahashi, K. *see* Muraoka, S. 72039
Takahashi, K. *see* Nakamura, Y. 85460
Takahashi, K. *see* Nakao, H. 55045
Takahashi, K. *see* Okamoto, T. 70058
Takahashi, K. *see* Oshima, T. 69963
Takahashi, K. *see* Sakai, H. 80870
Takahashi, K. *see* Sasaki, H. 87106
Takahashi, K. *see* Sato, E. 67498
Takahashi, K. *see* Sato, E. 67499
Takahashi, K. *see* Sekine, Y. 59864
Takahashi, K. *see* Shirakashi, J.-I. 54906
Takahashi, K. *see* Takahashi, Y. 72219
Takahashi, K. *see* Tanaka, K. 89178
Takahashi, K. *see* Tojima, H. 71305
Takahashi, K. *see* Wenas, W.W. 48998
Takahashi, K. *see* Wenas, W.W. 100545
Takahashi, K. *see* Wenas, W.W. 100582
Takahashi, K. *see* Yabe, E. 53255
Takahashi, M. General survey on informatization of home life 58096
Takahashi, M. Variable light attenuator of improved air-gap type with extremely low returning light 97307
Takahashi, M., Fujii, H., Kaneko, E., Yoshida, T., Sato, T., Takano, H., Tago, H., Suzuki, S., Goto, N. Performance evaluation of a processing element for an on-chip multiprocessor 80386
Takahashi, M., Imai, K., Asano, T. Graphical degree sequence problems 48810
Takahashi, M., Shoji, H., Takahashi, H., Wakiyama, T., Kinoshita, M., Ohta, W. Synthesis of $Fe_{16}N_2$ films by using reactive plasma 48969
Takahashi, M. *see* Hamada, Y. 59041
Takahashi, M. *see* Ide, K. 68575
Takahashi, M. *see* Ide, K. 78556
Takahashi, M. *see* Ikuta, S. 63657
Takahashi, M. *see* Ino, S. 58725
Takahashi, M. *see* Jun-ichi Takada 83860
Takahashi, M. *see* Kitazawa, M. 56871
Takahashi, M. *see* Koga, J. 71782
Takahashi, M. *see* Lu, J.-Q. 49125
Takahashi, M. *see* Miyazaki, T. 88402
Takahashi, M. *see* Mizuno, T. 62835
Takahashi, M. *see* Nakada, T. 85670

Takahashi, M. *see* Shimatsu, T. 72043
Takahashi, M. *see* Shimizu, H. 96844
Takahashi, M. *see* Suyama, M. 63700
Takahashi, M. *see* Watanabe, H. 72041
Takahashi, M. *see* Yonezawa, S. 50279
Takahashi, N. Performance improvement of jukebox-type optical disk file system 85674
Takahashi, N., Nakata, T., Morishige, H. Verification of software for calculating electromagnetic force and torque using IEEJ model 60154
Takahashi, N., Nakata, T., Suhartono, Morishige, H. Investigation of a model to verify software for 3-D static force calculation 83438
Takahashi, N., Tanaka, T., Ogura, H. Synthesis of "narrow-band" random moving image via computer 84620
Takahashi, N., Uyeda, H., Asuma, Y., Shimizu, S., Fujiyoshi, Y., Sato, S., Endoh, T., Takeuchi, K., Shirooka, R., Sumi, A. Radar observations of tropical clouds on the Manus Island, Papua New Guinea 77352
Takahashi, N. *see* Hashimoto, M. 92387
Takahashi, N. *see* Hirai, Y. 63496
Takahashi, N. *see* Ide, K. 68575
Takahashi, N. *see* Koukitu, A. 54873
Takahashi, N. *see* Kousaka, T. 91059
Takahashi, N. *see* Li, S. 49564
Takahashi, N. *see* Misawa, K. 60387
Takahashi, N. *see* Miyagi, S. 84619
Takahashi, N. *see* Nakamura, Y. 63135
Takahashi, N. *see* Nakata, T. 56200
Takahashi, N. *see* Nakata, T. 63128
Takahashi, N. *see* Nakata, T. 66659
Takahashi, N. *see* Nakata, T. 82244
Takahashi, N. *see* Okude, Y. 59915
Takahashi, N. *see* Shang Li 57452
Takahashi, N. *see* Suzuki, H. 75112
Takahashi, N. *see* Toyama, S. 66792
Takahashi, N.S. *see* Masuda, T. 56479
Takahashi, O. *see* Takada, N. 82917
Takahashi, P., Nakamura, B. The coming commercialization of sustainable resource systems for the 21st Century 89419
Takahashi, R., Arai, K. Automotive power MOSFETs 49997
Takahashi, R., Iida, F., Hotta, Y., Tada, N. Development of aluminum-stabilized superconducting coil 82437
Takahashi, R., Kamiya, T. Application of an optical amplifier in an electrooptic sampling system 72450
Takahashi, R. *see* Hirata, T. 90587
Takahashi, R. *see* Uenohara, H. 63949
Takahashi, S., Matsuoka, T., Minami, Y., Shikano, K. Phoneme HMMs constrained by frame correlations 73885
Takahashi, S., Miwa, S. Suppression of radar clutter with a weighted moving average filter 86534
Takahashi, S., Sano, S., Yamamoto, M. Fiber-optic semiconductor devices for the fiber-in-the-subscriber-loop system 75441
Takahashi, S. *see* Endo, N. 85252
Takahashi, S. *see* Goto, K. 93024
Takahashi, S. *see* Hatafuku, H. 71967
Takahashi, S. *see* Koiwa, H. 72318
Takahashi, S. *see* Tokura, N. 55975
Takahashi, S. *see* Ueda, K. 64557
Takahashi, S. *see* Uno, T. 60970
Takahashi, S. *see* Watanabe, K. 87648
Takahashi, S.-I. *see* Morimoto, E. 84196
Takahashi, S.-I. *see* Toyoshima, H. 80434
Takahashi, S.K. *see* Masuda, Y. 61465
Takahashi, T. Balanced k-coloring of polyominos 48807
Takahashi, T., Arakaki, Y., Tanaka, K., Ikegami, T. Ka-band transmission system for feeder-link earth station 86265
Takahashi, T., Gunji, S., Hirayama, M., Kamae, T., Miyazaki, S., Sekimoto, Y., Tamura, T., Tanaka, M., Yamasaki, N.Y., Yamagami, T., Nomachi, N., Murakami, H. Newly developed low background hard X-ray/gamma-ray telescope with the well-type phoswich counters 76760
Takahashi, T., Kitou, M., Asai, M., Kido, M., Chiba, T., Kawakami, J., Matsui, Y. A new voltage control equipment using fuzzy inference 89083
Takahashi, T. *see* Anzai, A. 50056
Takahashi, T. *see* Arakaki, Y. 86266
Takahashi, T. *see* Chen, M. 67340
Takahashi, T. *see* Ishida, N. 67339
Takahashi, T. *see* Ishiyama, A. 82491
Takahashi, T. *see* Kobayashi, Y. 71527
Takahashi, T. *see* Matsumura, A. 98720
Takahashi, T. *see* Miura, T. 87456
Takahashi, T. *see* Mori, K. 50273
Takahashi, T. *see* Muraoka, K. 64602
Takahashi, T. *see* Nakajima, H. 72261
Takahashi, T. *see* Niwa, T. 63087
Takahashi, T. *see* Sekimoto, Y. 67333
Takahashi, T. *see* Shimokawa, R. 100578
Takahashi, T. *see* Suzuki, M. 88002
Takahashi, T. *see* Takebuchi, H. 90218
Takahashi, T. *see* Tsukada, K. 67377
Takahashi, T. *see* Yamamoto, H. 93895
Takahashi, W. *see* Kuriyama, K. 71114
Takahashi, Y. Convergence of the simple genetic algorithm to the two-bit problems 61130
Takahashi, Y., Imaizumi, H., Chigira, H., Yamazaki, T. A video and sound IF processing IC with automatic tuning loops 86792
Takahashi, Y., Kawai, H., Kobayashi, S. Discharges that occur when an electrified insulation sheet is rolled-up onto a grounded metal cylinder 51024
Takahashi, Y., Mori, H., Onobori, S., Ono, J., Shinone, K. Tunable DBR LD 94534
Takahashi, Y., Sugimoto, M., Isono, T., Nakajima, H., Ando, T., Oshikiri, M., Hosono, F., Wadayama, Y., Sasaki, T., Hanawa, H., Seki, S., Wakabayashi, H., Hiyama, T., Tsuji, H., Yamada, Y., Takahashi, K., Nagata, M. Experimental results of 40-kA Nb_3Al cable-in-conduit conductor for fusion machines 72219
Takahashi, Y., Uehira, K., Nomura, T., Okimura, T. High-definition projection display 82792
Takahashi, Y. *see* Aoki, K. 62184
Takahashi, Y. *see* Baba, S. 85669
Takahashi, Y. *see* Fukatsu, S. 55602
Takahashi, Y. *see* Ishiyama, A. 68248
Takahashi, Y. *see* Isono, T. 82466
Takahashi, Y. *see* Kadowaki, N. 86261
Takahashi, Y. *see* Kadowaki, N. 86268
Takahashi, Y. *see* Machida, K. 55983
Takahashi, Y. *see* Murooka, Y. 98246
Takahashi, Y. *see* Nakajima, H. 72261
Takahashi, Y. *see* Nishi, M. 72260
Takahashi, Y. *see* Nishi, M. 93992
Takahashi, Y. *see* Ohkawa, K. 96428
Takahashi, Y. *see* Ohkawa, K. 96428
Takahashi, Y. *see* Ohya, Y. 93717
Takahashi, Y. *see* See Woo Lee 84157
Takahashi, Y. *see* Shikata, S. 93846
Takahashi, Y. *see* Shimizu, K. 82938
Takahashi, Y. *see* Shimogawa, S. 58147
Takahashi, Y. *see* Suka, M. 86661
Takahashi, Y. *see* Yoshino, T. 52906
Takahashi Yoshikazu *see* Yoshikazu Takahashi
Takahasi, H. *see* Murakawa, K. 94861
Takahasi, K., Mineuchi, K., Nakamura, T., Sakurai, N., Komatsu, A., Koizumi, M., Kano, H. Laser induced fluorescence of tree leaves: spectral changes with plant species and seasons 67909
Takahasi, N. *see* Sadatomi, K. 61760
Takahata, F. *see* Sasai, H. 84191
Takahata, K., Kasaya, K., Yasaka, H., Kondo, Y., Ikeda, M. A unidirectional output optical frequency conversion device with an asymmetric-κ DBR structure 72819
Takahata, K., Mito, T., Satow, T., Yanagi, N., Sakamoto, M., Yamada, S., Nishimura, A., Yamamoto, Y., Motojima, O., Ogata, H., Yoshida, T., Ono, M., Takano, H., Ioka, S., Aoki, N., Lue, J.W., Kasao, D. Stability tests of the Nb-Ti cable-in-conduit superconductor with bare strands for demonstration of the Large Helical Device poloidal field coils 82416
Takahata, K. *see* Iwamoto, A. 93989
Takahata, K. *see* Kawashima, T. 72263
Takahata, K. *see* Mito, T. 89302
Takahata, K. *see* Wachi, Y. 82435
Takahata, K. *see* Yamada, S. 72257
Takahei, K. *see* Chang, S.J. 72615
Takahira, H. *see* Yamamoto, S. 58376
Takahisa, K., Nakamura, K., Nakazawa, S., Sugiyama, Y., Nose, J., Igari, S., Hiruma, T. Long-term reliability of amorphous silicon solar cells 100601
Takahisa, K. *see* Kojima, T. 91141
Takai, A., Kato, T., Yamashita, S., Hanatani, S., Motegi, Y., Ito, K., Abe, H., Kodera, H. 200-Mb/s/ch 100-m optical subsystem interconnections using 8-channel 1.3-μm laser diode arrays and single-mode fiber arrays 52558
Takai, A. *see* Ido, T. 94188
Takai, A. *see* Motegi, Y. 72645
Takai, H. *see* Benary, O. 53327
Takai, H. *see* Benary, O. 98517
Takai, H. *see* Benary, O. 98640
Takai, H. *see* Yong-Feng Lu 49899
Takai, M. Nuclear microprobe development and application to microelectronics 48655
Takai, M., Bollmann, D., Haberger, K. Maskless patterning of indium tin oxide layer for flat panel displays by diode-pumped Nd:YLF laser irradiation 55731
Takai, M., Hara, S., Lee, C., Kinomura, A., Lohner, T. Channeling contrast analysis of GaAs side-walls fabricated by laser wet chemical etching 49894
Takai, M., Nagatomo, S., Kohda, H., Yada, C., Sandaiji, H., Takeya, F. Laser chemical processing of magnetic materials for recording-head application 50251
Takai, M. *see* Kinomura, A. 49832
Takai, M. *see* Ohno, Y. 49437
Takai, M. *see* Sayama, H. 49414
Takai, M. *see* Sayama, H. 61736
Takai, M. *see* Yoshinari, J. 72093
Takai, N., Manikas, A. Array manifold properties and performance of higher-order signal subspace techniques 84542
Takai, N. *see* Nakamura, O. 53054
Takai, N. *see* Yoshimura, H. 63765
Takai, R. *see* Endo, H. 98134
Takai, Y., Nagase, M., Kitamura, M., Koshikawa, Y., Yoshida, N., Kobayashi, Y., Obara, T., Fukuzo, Y., Watanabe, H. 250 Mbyte/s synchronous DRAM using a 3-stage-pipelined architecture 49421
Takai, Y., Nagase, M., Kitamura, M., Koshikawa, Y., Yoshida, N., Kobayashi, Y., Obara, T., Fukuzo, Y., Watanabe, H. 250 Mbyte/sec synchronous DRAM using a 3-stage-pipelined architecture 70550
Takaichi, R. *see* Takeda, N. 85561
Takaishi, K. *see* Kobayashi, M. 64201
Takaishi, Y. *see* Sakao, M. 70500
Takajo, N. *see* Yamasaki, J. 71995
Takaki, H. *see* Kudo, H. 67212
Takaki, S. *see* Kamei, M. 54830
Takaku, K. Computer simulation of instantaneous torque detected from stator voltages and currents of squirrel cage induction motor 89942
Takaku, K. *see* Akiyama, Y. 68626
Takaku, U. *see* Fuchi, Y. 59134
Takakubo, K. *see* Arakawa, F. 70667
Takakura, D. *see* Ishiyama, M. 69236
Takakura, H. *see* Higuchi, H. 100494
Takakura, H. *see* Nakayama, N. 93005
Takakura, M. *see* Sakaki, M. 90216
Takakusaki, K., Nakagawa, M. A coherent demodulator for fast-frequency-hopping-spread-spectrum signal employing an adaptive algorithm 64260
Takakusaki, K. *see* Murata, Y. 75315
Takakuwa, C. *see* Morinaga, M. 50862
Takakuwa, I., Maruta, A., Matsuhara, M. Beam tracing frame for beam propagation analysis 82631
Takakuwa, Y., Mazumder, M.K., Miyamoto, N. Growth defect observation with pyramidal hillock and reduction by photoexcited hydrogen in Si CVD with SiH_2Cl_2 79965
Takakuwa, Y. *see* Enta, Y. 61320
Takala, J.M. *see* Frost, S.E. 99013
Takamasu, T., Miura, N., Taira, K., Funato, K., Kawai, H. Effect of strong magnetic fields on current-voltage characteristics of InAs/GaSb/InAs tunneling devices 82003
Takamasu, T. *see* Nojiri, H. 83575
Takamatsu, H. *see* Kawanishi, T. 67832
Takamatsu, I., Kitamura, T. Present state and trends of standard distribution apparatus 99672
Takamatsu, R. *see* Oikawa, N. 64600
Takamatsu, Y. *see* Takahara, H. 97838
Takamatsu, Y. *see* Yanagida, N. 61639
Takami, H., Matsumoto, H. Optimal pulse patterns of a nine-phase voltage source PWM inverter for use with a triple three-phase wound AC motor 54099
Takami, H. *see* Yoshikado, S. 59588
Takami, J. *see* Kosaka, T. 84093
Takami, K., Ohta, T. An interactive specification synthesis support system using message sequence rules from telecommunication service requirement specification 51930
Takami, K. *see* Harada, Y. 96409
Takamiya, S. *see* Mihashi, Y. 72805
Takamiya, S. *see* Ochi, S. 54963
Takamiya, S. *see* Shimura, T. 92529
Takamiya, S. *see* Yoshida, N. 61900
Takamiya, S. *see* Yoshida, N. 71732
Takamiya, S. *see* Yoshida, N. 92525
Takamizawa, K. *see* Werntz, P.C. 94981
Takamori, A. Semiconductor laser diode provides two-beam output for optical disks 50794
Takamori, K. *see* Kakeya, M. 58243
Takamori, T. Actuator technology in millimachine 90034
Takamori, T. *see* Ohtsubo, Y. 100183
Takamoto, T. Growth of electromagnetic wave caused by double instability in RF discharge plasma 83699
Takamoto, T., Ikeda, E., Kurita, H., Ohmori, M. Structural optimization for single junction InGaP solar cells 100444
Takamoto, T. *see* Ikeda, E. 60480
Takamoto, T. *see* Suk-Ki Min 100669
Takamuku, S. *see* Tsumori, K. 67017
Takamura, A. *see* Nanya, T. 55301
Takamura, M., Takizawa, M. Large-scale group communication protocol on high-speed channel 85715
Takamura, S., Takagi, M. Lossless image compression with lossy image using adaptive prediction and arithmetic coding 57891
Takamure, T. *see* Nakazawa, N. 86719
Takanami, I. *see* Fujimoto, T. 77646
Takanashi, H. *see* Aikawa, S. 52340
Takanashi, K. *see* Motto, E.R. 69065
Takanashi, N. *see* Kashitani, A. 92790
Takanashi, Y. *see* Fukano, H. 94301
Takane, A. *see* Sano, K. 67486
Takanishi, I. *see* Hirai, M. 74949
Takanishi, Y. *see* Kajita, J. 72467
Takano, E. *see* Tohyama, S. 98089
Takano, H., Lam, T.T., Zhu, J.-G., Judy, J.H. Effect of orientation ratio on the recording characteristics of longitudinal thin film media 50299
Takano, H. *see* Akie, H. 78330
Takano, H. *see* Fuji, H. 58068
Takano, H. *see* Fujihira, M. 71446
Takano, H. *see* Fukuoka, H. 82264
Takano, H. *see* Kashima, Y. 94284
Takano, H. *see* Kawabata, S. 89301
Takano, H. *see* Miyakuni, S. 55792

Takano, H. *see* Shimura, T. 92529
Takano, H. *see* Takahashi, M. 80386
Takano, H. *see* Takahata, K. 82416
Takano, H. *see* Wachi, Y. 82435
Takano, H. *see* Yoshida, N. 61900
Takano, H. *see* Yoshida, N. 71732
Takano, H. *see* Yoshida, N. 92525
Takano, K., Nakamura, Y. Single-pole type heads with Fe-Si/SiO_2 multilayered films 72087
Takano, K., Saito, M., Miyagi, M. Cube polarizers by the use of metal particles in anodic alumina films 63535
Takano, K.J. *see* Wakatsuki, M. 87595
Takano, M., Kanaoka, T., Skrzypek, J., Tomita, S. A note on a higher-order neural network for distortion invariant pattern recognition 64702
Takano, M., Kanbe, M., Matsuo, N. Network configuration identification for ATM-LAN 52118
Takano, M., Nagai, N. Traffic load estimation based on system identification 51972
Takano, M. *see* Kanai, H. 53370
Takano, M. *see* Takase, A. 75147
Takano, N. *see* Kouno, T. 77273
Takano, S., Komatsu, K., Shimizu, H. Electro-absorption modulator adopts buried format, enhances communications transmissions 50578
Takano, S. *see* Komatsu, K. 75443
Takano, S. *see* Mukaihara, K. 66052
Takano, T., Natori, M.C., Miyoshi, K., Inoue, T., Noguchi, T. A large deployable antenna for satellites 95010
Takano, T., Tomikawa, Y., Aoyagi, M., Kusakabe, C. Transient response characteristics of a same-phase drive-type ultrasonic motor 100174
Takano, T., Tomikawa, Y., Aoyagi, M., Ogasawara, T., Yabuki, A. Ultrasonic linear motors for application to driving a light pick-up element 99310
Takano, T. *see* Furukawa, T. 64716
Takano, T. *see* Hanayama, E. 83834
Takano, T. *see* Hayashi, T. 58366
Takano, T. *see* Jinkuan Wang 84190
Takano, T. *see* Koshiishi, H. 97507
Takano, T. *see* Kusakabe, C. 100175
Takano, T. *see* Nakajima, H. 58528
Takano, T. *see* Wang, J. 86106
Takano, T. *see* Yabuki, A. 93768
Takano, T. *see* Yoshizawa, J. 77954
Takano, Y. *see* Fujii, K. 87397
Takanose, T. *see* Nakagawa, Y. 63123
Takao, H. *see* Nishida, K. 66069
Takao, K. *see* Nojima, H. 66316
Takao, M., Sugimoto, M., Sawamura, M., Nagai, R., Kato, R., Minehara, E., Ohkubo, M., Suzuki, Y. Recirculation scheme in the second phase of the JAERI FEL project 50882
Takao, M. *see* Sawamura, M. 50881
Takao, T., Hara, K. Accurate measurement method of the position of a buried line 66684
Takao, T., Michael, P.C., Tsukamoto, O. Influence of copper-to-superconductor ratio on the stability of high current density superconductor 87790
Takao, T. *see* Tsukamoto, O. 89785
Takao, Y., Awano, M., Kuwahara, Y., Murase, Y. Preparation of a multilayer and a compositional gradient layer composite by the aerosol filtration method 79986
Takaoka, A. *see* Zhang, H. 81167
Takaoka, E. *see* Yoshida, Y. 52796
Takaoka, S. *see* Ishida, S. 49983
Takaoka, S. *see* Serikawa, T. 55955
Takaoka, S. *see* Taguchi, K. 97325
Takaoka, S. *see* Wakayama, S. 93049
Takaoka, Y. *see* Qianren Zhang 78755
Takara, H., Kawanishi, S., Morioka, T., Mori, K., Saruwatari, M. 100 Gbit/s optical waveform measurement with 0.6 ps resolution optical sampling using subpicosecond supercontinuum pulses 76222
Takara, H., Kawanishi, S., Saruwatari, M. Multiple-frequency modulation of an actively modelocked laser used to control optical pulse width and repetition frequency 72988
Takara, H., Kawanishi, S., Yamabayashi, Y., Saruwatari, M. An ultrahigh-speed optical waveform measurement method based on optical sampling with sum-frequency generation 66701
Takara, H. *see* Kawanishi, S. 58399
Takara, H. *see* Kawanishi, S. 65782
Takara, H. *see* Morioka, T. 52610
Takara, H. *see* Utchiyama, K. 58254
Takarabe, K., Takumi, M., Minomura, S., Nakagawa, T., Ohta, K. Resonant tunneling in triple barrier diode under pressure 81795
Takasaki, E. *see* Ono, M. 66820
Takasaki, I., Takahashi, E., Wada, M., Mitui, H., Sone, M. Behavior of electron emission source during field emission in vacuum 92867
Takasaki, K., Sugimura, T., Tanaka, S. Speed vector measurement of moving objects using JERS-1/OPS data 77579
Takasaki, K. *see* Nakanishi, T. 71704
Takasaki, M. *see* Tanaka, K.H. 76567
Takasaki, T. *see* Kuwahara, H. 93366
Takasaki, Y. Upgrading strategies for B-ISDN architectures and services 75095
Takasaki, Y., Sato, M., Uchida, K. New type automatic power factor regulator 99565
Takasaki, Y. *see* Yamagishi, T. 86717
Takase, A., Nakano, Y., Ashi, Y., Takano, M. ATM transport node for flexible and robust access networks 75147
Takase, A. *see* Endo, N. 85252
Takase, E. *see* Gunji, S. 88317
Takase, F., Asakura, T., Matsumura, T., Ueda, Y. Mutual interaction between zero-phase-sequence and negative-phase-sequence circuits in a synchronous generator 60195
Takase, T. The present and future of frame relay 51773
Takase, T. *see* Omatsu, T. 94658
Takase, T. *see* Yasuami, S. 71411
Takashi, T., Miyazawa, S., Iwabuchi, K., Shimura, Y., Miyasaka, H. Digital timing recovery circuit with feedback delay compensators for magnetic recording systems 70716
Takashima, D., Nakano, H., Ozaki, T., Oowaki, Y., Shiratake, S., Watanabe, S., Ohuchi, K. Folded-read and open/folded-restore bit-line scheme for giga scale $6F^2$ DRAM cell 70543
Takashima, D., Watanabe, S., Nakano, H., Oowaki, Y., Ohuchi, K. Open/folded bit-line arrangement for ultra-high-density DRAM's 49429
Takashima, D., Watanabe, S., Nakano, H., Oowaki, Y., Ohuchi, K., Tango, H. Standby/active mode logic for sub-1-V operating ULSI memory 49423
Takashima, D., Watanabe, S., Sakui, K., Nakano, H., Ohuchi, K. Stand-by/active mode logic for sub-1 V 1 G/4 Gb DRAMs 70555
Takashima, D., Watanabe, S., Sakui, K., Nakano, H., Ohuchi, K. Open/folded bit-line arrangement for ultra high-density DRAMs 70558
Takashima, D. *see* Shiratake, S. 70528
Takashima, H., Taguchi, A., Murata, Y. Edge-preserving smoothing using the fuzzy control technique 74574
Takashima, H. *see* Nobe, Y. 82981
Takashima, H. *see* Taguchi, A. 64644
Takashima, H. *see* Yamakoshi, H. 77509
Takashima, M. *see* Asakawa, Y. 75128
Takashima, M. *see* Kimura, T. 76009
Takashima, M. *see* Kimura, T. 76057
Takashima, M. *see* Tsuchiya, M. 51660
Takashima, R. *see* Unno, Y. 98558
Takashima, S., Kawase, M., Tomita, S. Water sensing method with OTDR and optical sensor for nonpressurized optical fiber cable system 97323
Takashima, S. *see* Tomita, N. 65835
Takashima, T. *see* Hasebe, N. 59057
Takashima, Y. *see* Tanaka, M. 52181
Takasu, H., Watanabe, S., Maeda, M., Miyauchi, M., Kamihashi, S., Ohtomo, M. New design of X-band GaAs MMIC phase shifter using improved equivalent circuit model 80852
Takasu, H. *see* Nakamura, T. 82158
Takasu, H. *see* Nakamura, T. 91551
Takasu, H. *see* Nakao, Y. 91554
Takasu, N., Oshi, T., Miyawaki, F., Saito, S., Fujiwara, Y. An experimental analysis of DC excitation of transformers by geomagnetically induced currents 68685
Takasugi, H., Suzuki, H., Tomita, N., Chida, R., Oguchi, T. Testing method for in-service line of optical subscriber loops with optical time domain reflectometer 97259
Takasugi, H. *see* Tomita, N. 65835
Takasugi, K. *see* Ishibashi, K. 70536
Takasugi, K. *see* Tachibana, S. 70541
Takasugi, K. *see* Yamanaka, T. 70510
Takata, I., Yamada, T., Soejima, N. Leakage current and breakdown characteristics of P-N diodes 55881
Takata, I. *see* Harada, M. 55902
Takata, I. *see* Yamashita, J. 55969
Takata, K. *see* Koshiba, N. 78791
Takata, K. *see* Koshiba, N. 90350
Takata, K. *see* Koshiba, N. 90351
Takata, M., Miyamoto, S., Shinohara, I., Okabe, K., Ishida, K., Tani, Y., Yamamoto, T., Ochiai, T., Kage, S., Iwatsuki, R. Technologies for DCC systems 75785
Takata, M. *see* Huybrechts, B. 71123
Takata, M. *see* Kawai, A. 71538
Takata, M. *see* Nagata, H. 71447
Takata, N. Ion loss due to initial recombination in a parallel-plate cavity ionization chamber 67292
Takata, N. The effects of humidity on volume recombination in ionization chambers 67293
Takata, S. *see* Minami, T. 54970
Takata, S. *see* Miyata, T. 72577
Takata, S. *see* Sato, H. 61392
Takata, S. *see* Sato, H. 61393
Takata, T., Yamashita, Y., Fujiwara, T., Kasami, T., Lin, S. Suboptimum decoding of decomposable block codes 95188
Takata, T. *see* Jiantin Wu 51358
Takata, Y. *see* Matsuo, M. 92259
Takata, Y. *see* Nozaki, M. 56071
Takatani, S., Ling, J. Optical oximetry sensors for whole blood and tissue 67512
Takatani, S. *see* Futigami, N. 49982
Takatani, S. *see* Kikawa, T. 81518
Takato, H., Yui, N., Hayashi, Y., Sekigawa, T. Characteristics of three-μm-thick silicon solar cells using bonded silicon-on-insulator wafer 100762
Takato, N. *see* Hibino, Y. 50549
Takatori, K. *see* Sumiyoshi, K. 87368
Takatori, K. *see* Tani, T. 93720
Takatsu, H., Takeuchi, K., Umezu, Y. A novel liquid crystal display: a randomly-oriented nematic liquid crystal display (RON-LCD) 58917
Takatsu, M., Imamura, K., Mori, T., Adachihara, T., Muto, S., Yokoyama, N. Logic circuits using multi-emitter resonant-tunneling hot-electron transistors (RHETs) 92124
Takatsu, M. *see* Usuki, T. 62637
Takatsu, M. *see* Yokoyama, N. 70457
Takatsu, T. *see* Matsumura, M. 52781
Takatsuka, Y., Houchi, H., Nishio, Y., Miyamoto, T., Aoki, Y., Fujii, Y. Total control and supervisory system for Kansai International Airport Energy Center 89675
Takauchi, H. *see* Yoshida, A. 63317
Takaura, A. *see* Misawa, S. 63433
Takaura, N. *see* Brennan, S. 82032
Takaya, S. Influence of discharge circuits on the characteristics of the X-ray flash produced by trigger initiating discharge in vacuum 92873
Takaya, Y. *see* Nakajima, H. 72261
Takayama, H. *see* Uranaka, H. 64604
Takayama, K. *see* Horii, N. 85761
Takayama, K. *see* Kishiro, J. 66800
Takayama, K. *see* Mitsui, H. 76464
Takayama, K. *see* Nanri, K. 53253
Takayama, K. *see* Ohshima, M. 99422
Takayama, K. *see* Tanabe, S. 53254
Takayama, K. *see* Yabe, E. 53255
Takayama, K. *see* Yahagi, N. 91552
Takayama, M. *see* Fukui, K. 100565
Takayama, M. *see* Shirasawa, K. 100648
Takayama, R. *see* Hirao, T. 82107
Takayama, S., Kariya, K., Otoi, S. Acoustical measurement of the intuitive understanding effect in lecture education 53567
Takayama, S. *see* Argyle, B.E. 72118
Takayama, S. *see* Haratani, S. 86809
Takayama, S. *see* Kariya, K. 75806
Takayama, S. *see* Schafer, R. 50260
Takayama, S. *see* Uranaka, H. 64604
Takayama, T., Imafuji, O., Sugiura, H., Yuri, N., Naito, H., Kume, M., Yoshikawa, A., Itoh, K. Low operating current self-sustained pulsation GaAlAs laser diodes with a real refractive index guided structure 83041
Takayama, T., Imafuji, O., Yuri, M., Naito, H., Kume, M., Yoshikawa, A., Itoh, K. Low-noise and high-power real refractive index guided laser array 72911
Takayama, T. *see* Ichikawa, Y. 100609
Takayama, T. *see* Nakamura, M. 75786
Takayanagi, I., Isokawa, T., Nakamura, F., Nakamura, J. A multiple output CMD imager for real-time image processing 98095
Takayanagi, K. *see* Sano, A. 50262
Takayanagi, K. *see* Shibata, A. 70102
Takayanagi, T. *see* Ikumi, N. 92283
Takayanagi, T. *see* Toda, A. 76209
Takayashiki, T. *see* Fukuda, H. 61723
Takayasu, H. Application of fractals in technology 84750
Takayasu, M. *see* Nakajima, H. 72261
Takayoshi, P. Building new networks from the old: women's experiences with electronic communications 96553
Take, K., Mita, Y., Oh-Ishi, T., Tominaga, H. A placing method of micro radio zones in a mobile packet communication with a chained isolated radio zone network system 97125
Take, K., Mita, Y., Ohishi, T., Tominaga, H. A mobile packet communication with a chained isolated radio zone network system 97124
Take, K. *see* Kim, D. 85367
Takebayashi, K. *see* Zhu, Z. 69998
Takebayashi, T. *see* Hara, K. 82557
Takebayashi, Y. Spontaneous speech dialogue system TOSBURG II—towards the user-centered multimodal interface 95266
Takebayashi, Y., Kanazawa, H., Nagata, Y., Seto, S. Speaker-independent spontaneous speech dialogue system TOSBURG II using multimodal response and speech response cancellation 51382
Takebayashi, Y., Nagata, Y., Kanazawa, H. Noisy spontaneous speech understanding using noise immunity keyword spotting with adaptive speech response cancellation 73859
Takebayashi, Y. *see* Xiangzhao Wang 87511
Takebe, M., Abe, K. A novel particle identification with an imaging plate 67311
Takebe, T. *see* Chang Seek Choi 74491
Takebe, T. *see* Hashimoto, M. 92387
Takebe, T. *see* Li, S. 49564
Takebe, T. *see* Shang Li 57452
Takebuchi, H., Honma, M., Sugisaka, Y., Sawada, Y. Structure analysis techniques for GIS 90220
Takebuchi, H., Takahashi, T., Sato, Y. Hot gas flow analysis techniques for GIS 90218
Takebuchi, M. *see* Sakagami, E. 61697
Takechi, K. *see* Uto, S. 58946

Takeda, A., Ikuta, N. FTI analyses of electron velocity distribution and transport coefficients in SST condition 62038
Takeda, E. A cross section of VLSI reliability—hot carriers, dielectrics and metallization 56065
Takeda, E., Nishino, T., Takagi, K. Reduction in inductance of an integrated SQUID 50429
Takeda, E. *see* Hamada, A. 71690
Takeda, E. *see* Hisamoto, D. 55988
Takeda, E. *see* Hisamoto, D. 62844
Takeda, E. *see* Matsuoka, H. 62843
Takeda, E. *see* Nishino, T. 50419
Takeda, E. *see* Ogawa, T. 55834
Takeda, E. *see* Scheckler, E.W. 49926
Takeda, E. *see* Scheckler, E.W. 71541
Takeda, E. *see* Yamanaka, T. 70510
Takeda, H., Kannari, F. Flashlamp pumped, narrow linewidth Ti:Sapphire laser 72762
Takeda, H. *see* Koden, M. 50591
Takeda, H. *see* Koden, M. 72460
Takeda, H. *see* Ohgaki, H. 78652
Takeda, H. *see* Sanpei, M. 68189
Takeda, H. *see* Takahashi, A. 87388
Takeda, K. Gas leak location method for pressurized cable networks using pattern matching of transient pressure drop characteristics 96961
Takeda, K. *see* Ichihara, T. 59299
Takeda, K. *see* Kawahito, S. 80511
Takeda, K. *see* Kuroiwa, S. 52280
Takeda, K. *see* Mori, H. 53645
Takeda, K. *see* Mori, H. 77950
Takeda, K. *see* Sato, T. 97422
Takeda, K. *see* Yato, F. 51380
Takeda, M. Stack-type optical buslines based on a modified Dragone star coupler: a concept 56587
Takeda, M., Kishigami, T. Dynamics of complex neural fields with an analogy to optical fields generated in a phase-conjugate resonator 50643
Takeda, M. *see* Itoh, T. 85424
Takeda, M. *see* Kamimura, M. 59459
Takeda, M. *see* Koden, M. 50591
Takeda, M. *see* Takahashi, I. 60363
Takeda, N., Kudo, K. Neutron response functions improved by taking into consideration the measured edge effect of the ^{3}He proportional counter 88118
Takeda, N., Kudo, K. Neutron response functions improved by taking into consideration measured edge effect of ^{3}He proportional counter 98589
Takeda, N., Takaichi, R. Initiated Telegong and Teledome services. Telegong telephone polling service and Teledome mass information service: New traffic generators 85561
Takeda, N., Uesaka, M., Miya, K. Computation and experiments on the static and dynamic characteristics of high T_c superconducting levitation 82307
Takeda, N. *see* Kudo, K. 88262
Takeda, N. *see* Kudo, K. 98709
Takeda, O., Tanabe, Y., Satoh, K., Kawazu, S., Oguri, Y., Okamura, M., Hattori, T. Design of an 80-MHz RFQ linac for heavy ions 76414
Takeda, O. *see* Okamura, M. 59023
Takeda, S. Propagation of waves through magnetized plasmas in waveguides 57124
Takeda, S., Tsukamoto, K., Morinaga, N. Proposal of coherence multiplexed optical communication system using balanced receiver and its application for space transmission 52603
Takeda, S. *see* Akemoto, M. 68753
Takeda, S. *see* Hara, T. 93136
Takeda, S. *see* Sato, Y. 90288
Takeda, T. Methodology of process evaluation with wafer-mapping techniques for statistical process control 60919
Takeda, T., Watanabe, K. A study on pre-embossed rigid magnetic disk 93889
Takeda, T. *see* Fukui, A. 96748
Takeda, T. *see* Hamaguchi, T. 66472
Takeda, T. *see* Nunokawa, R. 86421
Takeda, T. *see* Okada, Y. 64605
Takeda, T. *see* Watanabe, K. 50354
Takeda, T. *see* Yada, H. 72142
Takeda, Y., Iwata, A., Ueguri, S., Fujii, K. Lasing characteristics of Sr^+ recombination laser 72680
Takeda, Y., Morimoto, S., Ohyama, K., Yamagiwa, A. Comparison of control characteristics of permanent magnet synchronous motors with several rotor configurations 68583
Takeda, Y. *see* Arai, S. 76316
Takeda, Y. *see* Morimoto, S. 68584
Takeda, Y. *see* Morimoto, S. 69046
Takeda, Y. *see* Morimoto, S. 78608
Takeda, Y. *see* Morimoto, S. 90526
Takeda, Y. *see* Nakaya, H. 100573
Takeda, Y. *see* Sanada, M. 60526
Takeda, Y. *see* Shimoyama, R. 57410
Takefuji, Y. *see* Funabiki, N. 96167
Takegawa, Y. *see* Kotaki, H. 91447
Takeguchi, Y., Torii, T., Okabe, S. A knowledge representation for large scale integrated circuit failure analysis 62956
Takehana, H. *see* Mukaiyama, Y. 99706
Takehana, K. *see* Inoue, K. 82501
Takehana, K. *see* Inoue, K. 94026
Takehana, K. *see* Oshikiri, M. 82502
Takehara, H. *see* Kunihisa, T. 80783
Takehara, H. *see* Maeda, M. 97066
Takehara, H. *see* Ota, Y. 56085
Takehara, J. *see* Zhu, Z. 91432
Takehara, Z. *see* Koshiba, N. 78791
Takehara, Z. *see* Koshiba, N. 90350
Takehara, Z. *see* Koshiba, N. 90351
Takehisa, K. New designs and simulations of a 10-kW average-power longitudinally pumped dye laser amplifier 94367
Takei, K. *see* Maeda, Y. 72089
Takei, K. *see* Rogers, D.J. 71998
Takei, M. *see* Mishima, Y. 62139
Takei, T., Maki, H. Present disaster-prevention measures for telecommunications networks and restoration cases 85441
Takeichi, M., Warashina, Y., Takeshima, A., Ogawa, I., Ichie, K., Mizushima, Y. Streak-camera-based long-distance range finder with 10^{-7} resolution 59531
Takeiri, Y., Oka, Y., Kaneko, O., Anbo, A., Tsumori, K., Akiyama, R., Kawamoto, T., Kuroda, T. Beam extraction from a large vacuum-immersed negative-ion source 53192
Takeiri, Y. *see* Ando, A. 87952
Takeiri, Y. *see* Oka, Y. 53190
Takeiri, Y. *see* Tsumori, K. 53191
Takeishi, T. *see* Horie, Y. 80176
Takemasa, E., Moteki, M., Komatsu, T., Saito, T. Delayed-decision image coding based on the concept of coding via copying 84744
Takemori, S. *see* Sakata, S. 82927
Takemori, T. *see* Kobayashi, Y. 56446
Takemoto, A. *see* Yamashita, K. 83083
Takemoto, C. *see* Sethi, S. 81699
Takemoto, E. *see* Kudoh, J. 77396
Takemoto, K., Miyamoto, N., Kudo, A., Nakatsuka, S., Kondo, K. 275 kV underground substation equipment for the Matsugae Substation of the Chubu Electric Power Co., Inc 100420
Takemoto, M. *see* Katahira, O. 78186
Takemoto, M. *see* Tanaka, M. 88235
Takemoto, N. *see* Irie, H. 68711
Takemoto, T. *see* Tanaka, S. 70666
Takemura, H., Kishino, F. Cooperative work environment using virtual workspace 96836
Takemura, H., Ogawa, C., Kurisu, M., Uemura, G., Morikawa, T., Tashiro, T. A 40 GHz f_{max} Si bipolar technology 50076
Takemura, H. *see* Inagaki, K. 60607
Takemura, H. *see* Kishino, F. 65461
Takemura, K., Daishoji, H., Teraoka, K., Yamamoto, T. A compact uninterruptible power system, the FBK-SSU series 49150
Takemura, K., Sakuma, T., Matsubara, S., Yamamichi, S., Yamaguchi, H., Miyasaka, Y. Barrier mechanism of Pt/Ta and Pt/Ti layers for $SrTiO_3$ thin film capacitors on Si 82179
Takemura, K. *see* Miki, N. 64398
Takemura, K. *see* Yamaguchi, H. 56116
Takenaga, M. *see* Kasai, A. 87410
Takenaka, H. *see* Watanabe, N. 52494
Takenaka, M. *see* Abramo, A. 81195
Takenaka, M. *see* Kawata, T. 49484
Takenaka, T., Matsuura, H. MMIC frequency converters and an active filter for integrated RF spectrum analyzer front ends 92631
Takenaka, T., Miyazaki, A., Matsuura, H. An MMIC active LC filter 92574
Takenaka, T. *see* Alberta, E.F. 50144
Takenaka, T. *see* Fukushima, T. 97990
Takenaka, T. *see* Kitagawara, Y. 55535
Takenaka, T. *see* Matsui, M. 80800
Takenaka, T. *see* Okuda, T. 93721
Takenaka, T. *see* Ono, M. 66820
Takenaka, T. *see* Tanaka, M. 67780
Takenaka, T. *see* Toda, K. 66687
Takenaka, T. *see* Yamaguchi, I. 93959
Takenaka, T. *see* Yoshikawa, S. 93966
Takenaka, Y. *see* Sato, N. 65939
Takenaka, Y. *see* Uritani, A. 98547
Takeno, H. *see* Akiyama, T. 97609
Takeno, H. *see* Suenaga, T. 72083
Takeno, H. *see* Toyokura, M. 92281
Takeno, Y. *see* Hara, Y. 64236
Takenoshita, H. Generation of electron-acoustic signals and distribution of potential in transistor chip under applied of bias 71599
Takenouchi, O. *see* Yamashita, T. 71843
Takeo, A. *see* Tagawa, I. 72116
Takeo, M. *see* Akhmetov, A. 93910
Takeo, M. *see* Hara, M. 71840
Takeo, T., Hattori, H. Skin hydration state estimation using a fiber-optic refractometer 76924
Takeo, T. *see* Tobiyama, M. 76584
Takeoka, A. *see* Nishikuni, M. 78812
Takeoka, A. *see* Tsujino, N. 100023
Takeoka, S. *see* Yamaguchi, T. 81089
Takeshima, A. *see* Takeichi, M. 59531
Takeshima, H. *see* Daud, A. 56529
Takeshima, K. *see* Hasegawa, K. 78797
Takeshima, N. *see* Ataka, M. 68927
Takeshima, T., Sugawara, H., Takada, H., Hisamune, Y., Kanamori, K., Okazawa, T., Murotani, T., Sasaki, I. 3.3 V single power-supply 64 M bit flash memory 61701
Takeshima, T., Sugawara, H., Takada, H., Hisamune, Y., Kanamori, K., Okazawa, T., Murotani, T., Sasaki, I. A 3.3 V single-power-supply 64 Mb flash memory with dynamic bit-line latch (DBL) programming scheme 92226
Takeshima, T. *see* Sugibayashi, T. 70552
Takeshima, T. *see* Sugibayashi, T. 92215
Takeshima, Y. *see* Makino, S. 50261
Takeshima, Y. *see* Okumura, T. 50345
Takeshita, F. *see* Ishiyama, A. 68248
Takeshita, H. *see* Shimatani, N. 71299
Takeshita, H. *see* Thedrez, B. 56814
Takeshita, O.Y., Kohno, R., Imai, H. Multilevel RLL (D, K, l) constrained sequences 95130
Takeshita, T. *see* Nakayama, R. 71969
Takeshita, Y. *see* Tsukamoto, H. 61755
Taketani, N. *see* Takezawa, Y. 50520
Taketomi, A., Sawaya, K., Adachi, S., Ohshima, S., Yaoi, N. A method for measuring the surface impedance of superconductor and dielectric characteristics of a substrate by using a strip line resonator 98291
Taketomi, S., Kawaguchi, K., Otani, Y., Miyajima, H., Kawasaki, K., Ozaki, Y. Light absorption spectra of YIG ultrafine particles prepared by alkoxide method 72074
Taketomi, Y. *see* Sasaki, H. 82527
Taketoshi, K. *see* Kawashima, H. 98094
Takeuchi, A., Ogihara, K., Sogabe, H., Miyawaki, T., Kawashima, I., Makino, M. Large scale urban type CATV systems 58593
Takeuchi, A. *see* Ishikura, K. 54869
Takeuchi, E. *see* Morimoto, M. 97662
Takeuchi, H. *see* Collis, I. 97535
Takeuchi, H. *see* Hara, K. 82557
Takeuchi, H. *see* Ito, Y. 59615
Takeuchi, H. *see* Ito, Y. 99329
Takeuchi, H. *see* Morimoto, E. 84196
Takeuchi, H. *see* Okuno, S. 98559
Takeuchi, H. *see* Saitoh, Y. 59075
Takeuchi, H. *see* Saitoh, Y. 88124
Takeuchi, H. *see* Saitoh, Y. 98580
Takeuchi, H. *see* Sangawa, U. 81731
Takeuchi, H. *see* Serikawa, M. 77727
Takeuchi, H. *see* Tsuchimoto, M. 56236
Takeuchi, H. *see* Tsuchimoto, M. 90468
Takeuchi, H. *see* Uchimura, T. 63347
Takeuchi, H. *see* Wang, J.L. 49592
Takeuchi, J. *see* Kyushima, H. 81159
Takeuchi, J. *see* Kyushima, H. 92908
Takeuchi, J. *see* Kyushima, H. 98704
Takeuchi, J. *see* Suesada, K. 86794
Takeuchi, K., Chujo, W., Fujise, M. Characteristics of a slot-coupled microstrip antenna using high permittivity feed substrate 83814
Takeuchi, K., Fukuma, M. Effects of the velocity-saturated region on MOSFET scaling 71695
Takeuchi, K., Fukuma, M. Effects of the velocity saturated region on MOSFET characteristics 81887
Takeuchi, K., Yamamoto, T., Tanabe, A., Matsuki, T., Kunio, T., Fukuma, M., Nakajima, K., Aizaki, H., Miyamoto, H., Ikawa, E. 0.15 μm CMOS with high reliability and performance 93621
Takeuchi, K. *see* Hamada, T. 61733
Takeuchi, K. *see* Ishiyama, A. 68248
Takeuchi, K. *see* Oyama, T. 50983
Takeuchi, K. *see* Sakata, M. 52845
Takeuchi, K. *see* Takahashi, N. 77352
Takeuchi, K. *see* Takatsu, H. 58917
Takeuchi, M., Yamanouchi, K. Ultrasonic micromanipulation of small particles in liquid 77736
Takeuchi, M. *see* Abe, M. 89396
Takeuchi, M. *see* Abe, M. 89406
Takeuchi, M. *see* Isobe, S. 75356
Takeuchi, M. *see* Kato, J. 81387
Takeuchi, M. *see* Matsushita, K. 86360
Takeuchi, M. *see* Matsuyama, I. 75783
Takeuchi, M. *see* Nonomura, Y. 69174
Takeuchi, N., Kobayashi, H., Noda, Y., Furukawa, Y. Control of composition profile in mercury cadmium telluride films prepared by isothermal vapor phase epitaxy 54920
Takeuchi, N., Okumura, H., Sugita, T., Matsumoto, H., Kuwashima, S., Yamaguchi, S. Diode-pumped YAG portable lidar for field monitoring 77356
Takeuchi, N. *see* Ikezoe, J. 67481
Takeuchi, N. *see* Matsumoto, M. 97432
Takeuchi, N. *see* Nanto, H. 63566
Takeuchi, N. *see* Nanto, H. 72579
Takeuchi, N. *see* Okumura, H. 77346
Takeuchi, N. *see* Otaki, H. 88615
Takeuchi, N. *see* Toriumi, R. 67884
Takeuchi, R. *see* Kubo, K. 86011
Takeuchi, S. Image registration between SAR and TM data using DEM and slant range information 77638
Takeuchi, S., Hirose, H., Nitta, S., Itoh, T., Nonomura, S. Optical properties of random amorphous multilayers a-Si:H/a-Si_3N_{4+x}:H 100597
Takeuchi, S., Kobayashi, T. Highly efficient Ti:sapphire regenerative amplifier 72728
Takeuchi, S., Nakayama, Y., Tomita, T. Integration of SST data set using MOS-1 satellite data for validation of SST retrieval 77490
Takeuchi, S. *see* Hino, T. 93091
Takeuchi, S. *see* Suga, Y. 77652
Takeuchi, S. *see* Takahashi, K. 53418
Takeuchi, S. *see* Veyo, S.E. 78522
Takeuchi, S. *see* Yasuoka, Y. 67889

Takeuchi, T. A proposal of a mobile radio channel database and its application to a simple channel simulator 86160
Takeuchi, T., Abliz, M., Yamagishi, A., Morin, P., Date, M. High field magnetostriction by the interference method using an optical fiber 87447
Takeuchi, T., Yamagishi, A., Nishikawa, K., Ahmet, P., Matsuyama, S., Date, M. A high sensitive magnetometer by using the dynamic Faraday method 87446
Takeuchi, T. *see* Ichimura, N. 51663
Takeuchi, T. *see* Inoue, K. 82501
Takeuchi, T. *see* Kawamae, O. 80382
Takeuchi, T. *see* Kiyoshi, T. 82473
Takeuchi, T. *see* Murata, H. 65704
Takeuchi, T. *see* Murata, H. 97091
Takeuchi, T. *see* Oshikiri, M. 82502
Takeuchi, T. *see* Satake, K. 98147
Takeuchi, T. *see* Tanaka, H. 53137
Takeuchi, U. *see* Itoh, H. 76797
Takeuchi, Y. Mask design for square hole pattern using phase reversal imaging 93283
Takeuchi, Y. On the optimal transmission of non-Gaussian signals through a noisy channel with feedback 95060
Takeuchi, Y. *see* Cho, W. 87401
Takeuchi, Y. *see* Horiuchi, T. 62594
Takeuchi, Y. *see* Horiuchi, T. 93274
Takeuchi, Y. *see* Kohda, S. 72459
Takeuchi, Y. *see* Matsui, Y. 61702
Takeuchi, Y. *see* Matsumoto, K. 71521
Takeuchi, Y. *see* Mori, K. 50273
Takeuchi, Y. *see* Won-Ju Cho 62142
Takeuchi, Y. *see* Wonju Cho 71073
Takeuchi, Y. *see* Yatsuda, H. 71915
Takeuchi, Y. *see* Zhaochen Huang 64884
Takewa, H., Matsumoto, M., Oda, M. Audio system for HDTV home theatre 75773
Takewaki, T. *see* Yamada, H. 93257
Takeya, F. *see* Takai, M. 50251
Takeya, H. *see* Hatanaka, M. 67822
Takeyabu, M. *see* Sasai, H. 84191
Takeyama, Y. *see* Fuju, H. 96579
Takeyasu, N. *see* Kondoh, E. 93259
Takezawa, Y., Akasaka, S.-I., Ohara, S., Ishibashi, T., Asano, H., Taketani, N. Low excess losses in a Y-branching plastic optical waveguide formed through injection molding 50520
Takezoe, H. *see* Kajita, J. 72467
Taki, G.S. *see* Bose, D.K. 53145
Taki, I. *see* Nakanishi, R. 90222
Taki, M. *see* Terada, H. 99005
Taki, M. *see* Watanabe, S. 99003
Takigawa, K. *see* Kitamura, A. 99988
Takigawa, Y., Aoyagi, S., Maekawa, E. ATM based passive double star system offering B-ISDN, N-ISDN, and POTS 75081
Takiguchi, H. *see* Tomomura, Y. 72823
Takiguchi, H. *see* Tubouchi, M. 89353
Takiguchi, K., Okamoto, K. Planar lightwave circuit dispersion equaliser with a wide operational frequency range 82683
Takiguchi, K., Okamoto, K., Moriwaki, K. Dispersion compensation using a planar lightwave circuit optical equalizer 50502
Takiguchi, K. *see* Hill, K.O. 86452
Takiguchi, K. *see* Hill, K.O. 97288
Takiguchi, M. *see* Nakamura, M. 75786
Takiguchi, T. *see* Goto, K. 93024
Takiguchi, Y. *see* Aoshima, S. 94419
Takihiro, M. *see* Yokohira, T. 52114
Takii, Y., Aoi, N., Hirofuji, Y. Identification of the particle source in LSI manufacturing process equipment 48658
Takikawa, H., Sakakibara, T. Estimation of gas flow velocities of core and sheath regions of ablation arc in polyethylene tube 50119
Takikawa, K. *see* Fujiwara, H. 96440
Takikawa, K. *see* Hara, K. 82557
Takikawa, M. *see* Kuroda, S. 61661
Takikawa, M. *see* Suehiro, H. 93669
Takikawa, M. *see* Watanabe, Y. 61724
Takikawa, S. *see* Dhawan, V. 88450
Takimoto, A., Akiyama, K., Ogawa, H. An optical neuron device capable of optical parallel operations and all-optical neural networks 72506
Takimoto, A. *see* Nanahara, T. 60126
Takimoto, A. *see* Tanaka, Y. 72474
Takimura, K. *see* Nakazawa, H. 96581
Takinami, N. *see* Okuyama, K. 76102
Takine, T., Matsumoto, Y., Suda, T., Hasegawa, T. Mean waiting times in nonpreemptive priority queues with Markovian arrival and i.i.d. service processes 74684
Takine, T., Sengupta, B., Hasegawa, T. An analysis of a discrete-time queue for broadband ISDN with priorities among traffic classes 58217
Takine, T., Sengupta, B., Hasegawa, T. A conformance measure for traffic shaping in high-speed networks with an application to the leaky bucket 65009
Takine, T. *see* Kawahara, K. 64961
Takino, H. *see* Morita, O. 63238
Takino, H. *see* Watanabe, K. 50354
Takino, H. *see* Yada, H. 72142
Takino, O. *see* Yamazaki, T. 78166
Takishima, K. *see* Matsudo, M. 49727
Takishima, Y., Wada, M., Murakami, H. Error states and synchronization recovery for variable length codes 51356
Takita, H. *see* Ukai, S. 89467
Takita, Y. *see* Ishihara, T. 78802
Takita, Y. *see* Ohkubo, K. 92457
Takiyama, M., Ohtsuka, S., Sakon, T., Tachimori, M. Influences of magnesium and zinc contaminations on dielectric breakdown strength of MOS capacitors 49834
Takiyasu, Y., Amada, E. High-performance, fair access control method for wireless LANs 85757
Takizawa, H. *see* Fujita, H. 62565
Takizawa, K., Kikuchi, H., Fujikake, H., Namikawa, Y., Tada, K. Reflection mode polymer-dispersed liquid crystal light valve 56449
Takizawa, K. *see* Fujikake, H. 82743
Takizawa, K. *see* Fujikake, H. 94206
Takizawa, M. *see* Kokubun, Y. 72397
Takizawa, M. *see* Naiki, I. 92196
Takizawa, M. *see* Nakamura, A. 51836
Takizawa, M. *see* Nakamura, A. 65072
Takizawa, M. *see* Nakamura, A. 74689
Takizawa, M. *see* Takamura, M. 85715
Takizawa, S. *see* Arai, K. 82443
Takizawa, S. *see* Seung Hak Yang 89963
Takizawa, T., Arai, S., Nakahara, M. Fabrication of vertical and uniform-size porous InP structure by electrochemical anodization 55754
Takizawa, T. *see* Krishfield, R. 99227
Takizawa, T. *see* Nomura, S. 62211
Takizawa, Y., Fukasawa, A., Oda, K., Harashima, H. Analysis method of nonstationary processes based on a kinetic model 51419
Takizawa, Y. *see* Fukasawa, A. 97784
Takizawa, Y. *see* Nakahori, S. 90352
Takken, E.H. *see* Mermelstein, M.D. 87292
Takken, T., Tuckerman, D. Integral decoupling capacitance reduces multichip module ground bounce 54518
Tako, T. *see* Ishibashi, T. 56611
Takokoro, Y. *see* Matsuse, K. 69055
Takori, M. *see* Nakayama, I. 65722
Takouchi, T. *see* Inoue, K. 94026
Takoudis, C.G. *see* Yang, S.-K. 81545
Takuma, T. *see* Yashima, M. 68277
Takumi, I., Hata, M. A pole controlled IIR adaptive digital filter in cooperation with FIR—improvement of interference in pole control and identification of system with flat delay 74098
Takumi, M. *see* Takarabe, K. 81795
Takura, A., Kawata, K., Ohta, T., Terashima, N. Communication software generation based on two-layered specifications and execution environment 74876
Takura, A. *see* Kawata, K. 65138
Takusagawa, T., Yamada, N., Kato, T., Hattori, H., Matsui, T. Preparation of $Pb(Zr,Ti)O_3$ thin films by sol-gel technique 91550
Takushima, K. *see* Saito, T. 62584
Takuyo Kogure *see* Yihong Wu 63348
Takwale, M.G. *see* Joag, D.S. 62204
Takyu, C. *see* Ohashi, M. 73119
Talaat, H.A. *see* El-Arabaty, A.M. 78610
Talaat, T.N., Wurmli, M.E. A load management system based on ripple control technology 68034
Talaga, R. *see* Fordham, C. 59184
Talamo, M. *see* Blazewicz, J. 85255
Talamonti, C. *see* Beier, T. 53305
Talamonti, C. *see* Grafstrom, P. 76786
Talanchuk, P.M. *see* Potyrailo, R.A. 98157
Talanov, V.V. *see* Belov, R.K. 82515
Talantov, M.Yu. *see* Vikharev, V.D. 88073
Talantsev, E.F., Ivchenko, V.A., Syutkin, N.N. Superconducting-normal phase transition of a field-emission cathode 50393
Talaq, J.H., El-Hawary, F., El-Hawary, M.E. Minimum emissions power flow 60031
Talaq, J.H., El-Hawary, F., El-Hawary, M.E. A sensitivity analysis approach to minimum emissions power flow 60032
Talaq, J.H., El-Hawary, F., El-Hawary, M.E. A summary of environmental/economic dispatch algorithms 89556
Talasek, T., Lucero, B., Vanatta, L. Determining anionic impurities on silicon wafers by microextraction capillary electrophoresis 62375
Talbot, D. Fiber-optic transmission and professional audio 66084
Talbot, H. The pre-processing in mathematical morphology 64812
Talbot, M.E. *see* Purchase, K.G. 75444
Talbot, M.E. *see* Tarkka, R.M. 64007
Talbot, P.J., Song, Q.W. Design and simulation of PLZT-based electrooptic phased array scanners 63488
Taldonov, Yu.V. *see* Gerashchenko, S.S. 90462
Talebi-Daryani, R. Necessity of application based knowledge in measurement and instrumentation science for mechanical and process engineers 69406
Taleski, R. *see* Rajicic, D. 68210
Taleyarkhan, R.P., Kim, S.H., Georgevich, V. Radiological consequence analyses under severe accident conditions for the Advanced Neutron Source reactor at the Oak Ridge National Laboratory 68400
Talin, A.A., Williams, R.S., Morgan, B.A., Ring, K.M., Kavanagh, K.L. Nanometer-resolved spatial variations in the Schottky barrier height of a Au/n-type GaAs diode 71576
Talipov, N.Kh., Remesnik, V.G. Magnetoresistance method for determining the parameters charge carriers in p-type narrow-gap II-VI semiconductors 55559
Talisa, S.H. *see* Bandler, J.W. 80638
Talke, F.E. *see* Harrison, J.C. 50373
Talke, F.E. *see* Lacey, C. 50268
Talke, F.E. *see* Levi, P.G. 50272
Talke, W. *see* von Jena, A. 66175
Tall, G. *see* Grisel, R. 70643
Talla, M., Ahooja, R., Elhakeem, A.K. The two dimensional window protocol for high-speed networks 51828
Talla, M. *see* Elhakeem, A.K. 65554
Tallackson, C., Roper, L. Choosing the best battery backup for cable networks: A performance comparison 100353
Tallak, S., Kubichek, R., Schroeder, J. Time delay estimation for objective quality evaluation of low bit-rate coded speech with noisy channel conditions 95317
Tallarico, S.I. *see* Poksheva, J.G. 58786
Tallarida, G. *see* Fortunate, G. 81876
Tallarida, G. *see* Fortunato, G. 50001
Tallents, G.J. *see* Key, M.H. 50731
Tallents, G.J. *see* Zhang, J. 56600
Tallerico, P. *see* Lynch, M.T. 76295
Tallerico, P.J., Lynch, M.T. RF system considerations for accelerator production of tritium and the transmutation of nuclear waste 98387
Tallerico, P.J. *see* Rees, D.E. 67167
Tallerico, T.N. *see* Lin, X.J. 98479
Tallet, A. *see* Le Berre, M. 50931
Talley, C. *see* Lotfalian, M. 88954
Tallini, L., Merani, L., Bose, B. Balanced codes for noise reduction in VLSI systems 71749
Tallsa, S.H., Robertson, M.A., Meier, B.J., Sluz, J.E. Dynamic range considerations for high-temperature superconducting filter applications to receiver front-ends 80639
Talman, R. *see* Cai, Y. 66902
Talman, R. *see* Li, M. 66789
Talmore, E. *see* Ben-Dor, B. 99307
Talone, P. *see* Neri, A. 95790
Taloverya, V.L. *see* Udod, E.I. 78147
Talukdar, K. *see* Capell, W.J. 77331
Talukdar, S., Ramesh, V.C. A multiagent technique for contingency constrained optimal power flows 53627
Talukdar, S., Ramesh, V.C. A multi-agent technique for contingency constrained optimal power flows 77953
Talvacchio, J. *see* Davidson, A. 55386
Talvacchio, J. *see* Forrester, M.G. 82396
Talwar, A.K. Reduction of noise and distortion in amplifiers using adaptive cancellation 70303
Talwar, D.N. *see* Fang, T.D. 92959
Talwar, S., Paulraj, A., Golub, G.H. A robust numerical approach for array calibration 84450
Talwar, S., Viberg, M., Paulraj, A. Blind estimation of multiple co-channel digital signals using an antenna array 51431
Talwar, S. *see* Kramer, K.-J. 79845
Talwar, S. *see* Slaoui, A. 70033
Tam, J.K. *see* Deutsch, A. 92657
Tam, P.K.S. *see* Chan, R.H.T. 80542
Tam, P.K.S. *see* Kip, R.K.K. 84834
Tam, P.K.S. *see* Yip, R.K.K. 51589
Tam, S. *see* Holler, M. 74344
Tam, S.C. *see* Noor, Y.M. 69569
Tam, S.C. *see* Yeo, C.Y. 73182
Tam, S.W.J. *see* Liu, P.C.K. 95930
Tam, W.K., Siu, K.W., Lee, Y.S. Computer-aided design of feedback compensation networks for switching regulators 61548
Tam, W.Y., Lai, A.K.Y., Luk, K.M. Annular ring microstrip antenna on a spherical body 57250
Tam, W.Y., Lai, A.K.Y., Luk, K.M. Full wave analysis of aperture-coupled cylindrical rectangular microstrip antenna 83843
Tam Kwa-Sur *see* Kwa-Sur Tam
Tam Kwok-Wai *see* Kwok-Wai Tam
Tamada, H. *see* Yamada, A. 82628
Tamada, K. *see* Yamada, H. 82125
Tamada, O. *see* Muranaka, S. 55575
Tamadaev, A.M. *see* Krasikov, S.A. 78536
Tamagawa, T. *see* Ikuta, S. 63657
Tamagawa, T. *see* Imada, G. 63650
Tamagawa, T. *see* Okita, Y. 82904
Tamagawa, Y. *see* Shimomura, K. 81679
Tamai, H. *see* Shigeno, K. 63572
Tamai, K. *see* Koden, M. 50591
Tamai, K. *see* Koden, M. 72460
Tamai, K. *see* Tanaka, M. 88235
Tamai, T. A class of fixed-point problems on graphs and iterative solution algorithms 54697
Tamai, T. The structure of elimination-type algorithms for a class of fixed-point problems on graphs 91304
Tamakawa, Y. *see* Sato, E. 67498
Tamakawa, Y. *see* Sato, E. 67499
Tamakawa, Y. *see* Shikoda, A. 59219
Tamakawa, Y. *see* Takahashi, K. 81160
Tamaki, E. *see* Yamagata, Y. 78674
Tamaki, J., Zhang, Z., Fujimori, K., Akiyama, M., Harada, T., Miura, N., Yamazoe, N. Grain-size

effects in tungsten oxide-based sensor for nitrogen oxides 76109
Tamaki, N., Matsuoka, S., Harada, K. A new cross-connect system for a local transmission line network 65499
Tamaki, S., Harada, M., Masuda, T., Higuchi, K., Fukuda, T., Izumi, K., Konishi, T., Itonaga, K., Anan, Y. Development of 4 M bit video RAM organized as 256 K words×16 bits 61707
Tamaki, S. *see* Kinjo, H. 95874
Tamaki, T., Ohkuni, M., Sivaram, S., Eriguchi, K., Nakayama, I., Kubota, M., Nomura, N. Damage-free metal etching using Lissajous electron plasma 93264
Tamaki, T. *see* Imai, S. 71381
Tamaki, T. *see* Ohkuni, M. 71378
Tamaki, T. *see* Uraoka, Y. 49910
Tamaki, T. *see* Uraoka, Y. 50103
Tamaki, T. *see* Uraoka, Y. 81899
Tamaki, Y., Shiba, T., Kure, T., Nakamura, T. Evaluating the graft base lateral diffusion depth of high-performance bipolar transistors by using test structures 49975
Tamaki, Y., Shiba, T., Kure, T., Nakamura, T. A new test structure for the evaluation of graft-base lateral diffusion depth in high-performance bipolar transistors 81820
Tamaki, Y. *see* Uchino, T. 93337
Tamaki, Y. *see* Yao, S. 87316
Tamamoto, H. *see* Narita, Y. 99885
Tamamura, K. *see* Waguri, S. 58095
Tamamura, T. *see* Ishii, H. 72797
Tamamura, T. *see* Ishii, H. 72800
Tamamura, T. *see* Notzel, R. 48939
Tamamura, T. *see* Notzel, R. 54823
Tamamura, T. *see* Notzel, R. 69922
Tamamura, T. *see* Shibata, Y. 97294
Tamano, T. *see* Cho, T. 88031
Tamanoi, Y. *see* Ohba, R. 86997
Tamanyan, A.G. *see* Avignone, F.T. 67288
Tamarchenko, T., Tabarovsky, L. Fast frequency domain electromagnetic modeling in axially symmetric layered media 83423
Tamargo, M.C. *see* Aspnes, D.E. 61295
Tamarit, J. *see* Garcia-Tabares, L. 82429
Tamaru, K. *see* Islam, F.F. 70600
Tamaru, K. *see* Ito, K. 61327
Tamaru, Y., Mori, H., Tsuzuki, S. Monitoring power system dynamic stability with a Kohonen neural net 53604
Tamasanis, D., Mockapetris, L. Effects of small clutter cell statistics on probability of detection 65880
Tamassia, R. *see* Miltersen, P.B. 70216
Tamatsuka, M. *see* Kitagawara, Y. 55535
Tamayo, E.Lora *see* Lora Tamayo, E.
Tamba, N., Anzai, A., Akimoto, K., Ohayashi, M., Hiramoto, T., Kokubu, T., Ohmori, S., Muraya, T., Kishimoto, A., Tsuji, S., Hayashi, H., Handa, N., Igarashi, T., Nambu, H., Yoshida, M., Fujiwara, T., Watanabe, K., Uchida, A., Odaka, M., Yamaguchi, K., Ikeda, T. A 1.5-ns 256-kb BiCMOS SRAM with 60-ps 11-K logic gates 92241
Tamba, N. *see* Hiramoto, T. 61716
Tamba, N. *see* Yoshida, M. 93680
Tamba, S., Yokoyama, R. The atmospheric water contents when sea surface temperature is observable by remote sensing 77486
Tamba, S. *see* Yokoyama, R. 77487
Tambini, G. *see* Cacciari, M. 71838
Tambo, T. *see* Fujita, K. 61237
Tambosso, T. *see* Pianciola, A. 52502
Tambouratzis, G. Optimising the clustering performance of a self-organising logic neural network with topology-preserving capabilities 85138
Tambulea, L. *see* Coman, G. 91342
Tamburino, L.A. *see* Rizki, M.M. 57727
Tamburino, L.A. *see* Zmuda, M.A. 57728
Tamby, J.P. *see* Balasubramanyam, R. 69128
Tamechika, E. *see* Horiuchi, T. 62594
Tamesevicius, A. *see* Namajunas, A. 87546
Tamet, H. *see* Fitch, J. 92300
Tamezane, K. *see* Suzuki, S. 67046
Tamil, L.S. *see* Mills, D.W. 94135
Tamiya, Y., Matsunaga, Y., Fujita, M. LP based cell selection with constraints of timing, area, and power consumption 93655
Tamizi, M. *see* Wilson, A. 66549
Tammadge, D. *see* Ennis, J. 80919
Tamme, S. Rapid prototyping for DSP circuits using high level design tools 91751
Tamminen, E.V. Sufficient conditions for the existence of multipliers and Lagrangian duality in abstract optimization problems 69764
Tamor, M.A. *see* Taher, I. 97952
Tampakas, B. *see* Garofalakis, J. 65040
Tampieri, F. *see* Lischinski, D. 57807
Tamura, Okuno, Y., Kato, H. Chemical etching of ZnSe crystals 81498
Tamura, A. *see* Nishitsuji, M. 61951
Tamura, A. *see* Suzuki, Y. 78545
Tamura, F., Okayasu, Y., Kumagai, K. Fabrication of poly-crystalline silicon films using plasma spray method 91591
Tamura, H. *see* Chen, Y. 95271
Tamura, H. *see* Ishikawa, Y. 63042
Tamura, H. *see* Kobayashi, Y. 87453
Tamura, H. *see* Nishimura, A. 82433
Tamura, H. *see* Sengoku, M. 86193
Tamura, H. *see* Shibuya, Y. 65214
Tamura, H. *see* Watanabe, K. 48809
Tamura, H. *see* Yoshida, A. 63317
Tamura, H. *see* Yoshimaru, M. 61395
Tamura, H. *see* Yoshimaru, M. 92177
Tamura, H. *see* Yoshino, T. 52906
Tamura, I. *see* Mino, K. 76923
Tamura, I. *see* Niki, N. 88509
Tamura, K., Doerr, C.R., Haus, H.A., Ippen, E.P. Soliton fiber ring laser stabilization and tuning with a broad intracavity filter 72740
Tamura, K. *see* Hasegawa, K. 78797
Tamura, K. *see* Tobiyama, M. 76584
Tamura, K. *see* Yazawa, Y. 100446
Tamura, M. Recent progress in GaAs on Si technology—concerning the reduction of threading dislocation 56584
Tamura, M., Saitoh, T., Sugiyama, N., Hashimoto, A., Ohkouchi, S., Ikoma, N., Morishita, Y. Application of real-time low-energy ion scattering spectroscopy to heterointerface formation processes of molecular beam epitaxially grown III-V compound semiconductors 48928
Tamura, M., Tamura, T. Non-invasive monitoring of brain oxygen sufficiency on cardiopulmonary bypass patients by near-infra-red laser spectrophotometry 76938
Tamura, M. *see* Furukawa, S. 93855
Tamura, M. *see* Kudo, K. 91479
Tamura, M. *see* Shimizu, H. 54229
Tamura, M. *see* Yodo, T. 79807
Tamura, N. *see* Barberis, E. 59063
Tamura, N. *see* Barberis, E. 88104
Tamura, N. *see* Barberis, E. 98609
Tamura, N. *see* Ohsugi, T. 59069
Tamura, N. *see* Unno, Y. 98558
Tamura, S. *see* Close, R. 64714
Tamura, S. *see* Ito, K. 60609
Tamura, S. *see* Kokubun, Y. 72399
Tamura, S. *see* Kudo, K. 91479
Tamura, S. *see* Seki, T. 60560
Tamura, T. Improvement and its evaluation of learner interface for distance education 52245
Tamura, T., Ikuta, J., Shimone, T., Mine, K., Tojima, H., Baba, F., Considine, P.B., Ochi, M., Inaba, M., Kobayashi, Y., Okamoto, H. 8-bit single chip microcomputer μPD78058, μPD78098 sub-series 61761
Tamura, T. *see* Matsuda, S. 55945
Tamura, T. *see* Nakajima, K. 88444
Tamura, T. *see* Sekimoto, Y. 67333
Tamura, T. *see* Takahashi, T. 76760
Tamura, T. *see* Tamura, M. 76938
Tamura, T. *see* Terai, K. 75792
Tamura, T. *see* Tsubota, T. 61643
Tamura, T. *see* Uesugi, M. 100765
Tamura, T. *see* Yoshitake, R. 98225
Tamura, Y., Ishihara, Y., Todaka, T. Measurement of magnetic characteristics of silicon steel in any direction by RSST and SST: method and relationship 63150
Tamura, Y. *see* Huang, Y. 88975
Tamura, Y. *see* Kawaguchi, T. 62959
Tamura, Y. *see* Kondo, K. 61338
Tamura, Y. *see* Sato, H. 61393
Tamura, Y. *see* Yokoyama, N. 78156
Tan, B.T., Lang, R., Schroder, H., Spray, A., Dermody, P. Applying wavelet analysis to speech segmentation and classification 57433
Tan, C. *see* Horenstein, M. 52833
Tan, F.D., Vollin, J.L., Cuk, M. A practical approach for magnetic core-loss characterization 56229
Tan, F.D. *see* Vollin, J. 60333
Tan, G.L. *see* Tay, A.A.O. 82005
Tan, H.H. *see* Chang, C.G. 64926
Tan, H.H. *see* Kraisingdecha, P. 71317
Tan, H.H. *see* Walley, S.K. 65090
Tan, H.S. *see* Hui, P. 83726
Tan, H.S. *see* Zhou, X. 71556
Tan, I.-H. *see* Emiliani, V. 62237
Tan, I.-H. *see* Ying-Lan Chang 55593
Tan, J.N., Bollinger, J.J., Wineland, D.J. Minimizing time dilation shift in Penning trap atomic clocks 86906
Tan, K., Goh, I.N., Ghanbari, M. Fast motion estimation with spatial transformation 57853
Tan, K. *see* Chen, C.H. 80708
Tan, K. *see* Kwok, R.W.M. 93165
Tan, K. *see* Marosi, L. 92577
Tan, K. *see* Minot, K. 86298
Tan, K. *see* Minot, K. 97171
Tan, K.K., Yu, J. New minimax inequality with applications to existence theorems of equilibrium points 69765
Tan, K.L. *see* Chang, K.W. 80755
Tan, K.L. *see* Chen, T.H. 80838
Tan, K.L. *see* Huei Wang 49668
Tan, K.L. *see* Kasody, R.E. 80756
Tan, K.L. *see* Kobayashi, K.W. 80734
Tan, K.L. *see* Kobayashi, K.W. 80794
Tan, K.L. *see* Lai, R. 70913
Tan, K.L. *see* Lai, R. 92521
Tan, K.L. *see* Laskar, J. 80694
Tan, K.L. *see* Radhakrishnan, K. 91491
Tan, K.L. *see* Sharma, A.K. 80690
Tan, K.L. *see* Sharma, A.K. 80840
Tan, K.L. *see* Wang, H. 80766
Tan, K.L. *see* Wang, H. 92543
Tan, K.L. *see* Wang, H. 92614
Tan, K.P. *see* Gardner, P. 92602
Tan, K.P. *see* Paul, D.K. 92483
Tan, L.F. *see* Chong, C.S. 88191
Tan, M. *see* Parker, M.R. 72194
Tan, M.A. *see* Topcu, S. 80055
Tan, M.R.T. *see* Badr, N. 72900
Tan, M.R.T. *see* Houng, Y.M. 54914
Tan, M.R.T. *see* Houng, Y.M. 56818
Tan, M.R.T. *see* Long Yang 55171
Tan, N., Eriksson, S. Low-power chip-to-chip communication circuits 93624
Tan, N., Jonsson, B., Eriksson, S. 3.3 V 11 bit delta-sigma modulator using first-generation SI circuits 91959
Tan, O.T., Thottappillil, R. Static VAr compensators for critical synchronous motor loads during voltage dips 89008
Tan, O.T. *see* Czarnecki, L.S. 90557
Tan, R.J. *see* Ward, A.L. 92519
Tan, R.K., Verber, C.M., SpringThorpe, A.J. Self-timed integrated-optical serial-to-parallel converter for 100 Gbit/s time demultiplexing 96900
Tan, S.E. *see* Ling, C.H. 71664
Tan, S.E. *see* Ling, C.H. 93368
Tan, S.T. *see* Yu, K.M. 75832
Tan, T.C. To shield or not to shield, the myths and facts 52293
Tan, T.E. *see* Chung, H.-M.M. 85411
Tan, T.K., Pang, K.K., Ngan, K.N. A frequency scalable coding scheme employing pyramid and subband techniques 57721
Tan, T.K. *see* Pang, K.K. 57719
Tan, T.S., Kocot, C., Straznicky, J., Kaneshiro, R.T., Kellert, F. A high speed flip-chip PIN photodetector with integrated micro-lens 72606
Tan, T.S. *see* Kocot, C. 72609
Tan, T.T., Gardner, J.W., Farrington, J., Bartlett, P.N. Electronic properties of metal-poly(pyrrole) junctions 81362
Tan, T.Y. *see* Hsia, S.L. 71422
Tan, W. *see* Grotjohn, T.A. 53233
Tan, W. *see* Grotjohn, T.A. 59056
Tan, Y. *see* Freeman, H. 84861
Tan Binglin *see* Hua Wei 50335
Tan Changhua *see* Liu Xiaowei 81383
Tan Changhua *see* Changhua Tan
Tan Fu Lei *see* Chien Kuo Yang 93378
Tan Fu Lei *see* Horng Nan Chern 50008
Tan Fu Lei *see* Horng Nan Chern 55982
Tan Fu Lei *see* Horng Nan Chern 62314
Tan Fu Lei *see* Shye Lin Wu 49866
Tan Fu Lei *see* Shye Lin Wu 62746
Tan Fu Lei *see* Shye Lin Wu 93398
Tan Fu Lei *see* Tien Sheng Chao 55672
Tan Fu Lei *see* Wen Chang Huang 49812
Tan Guan-Long *see* Guan-Long Tan
Tan Guojun *see* Jiang Jianguo 78709
Tan Guojun *see* Wang Changjiang 100832
Tan Han Ngee *see* Han Ngee Tan
Tan I-Hsing *see* I-Hsing Tan
Tan Jiancheng, Huang Hongcun Short term load forecasting using functional-link net 89168
Tan Jiubin *see* Jiubin Tan
Tan Kaisheng, Li Zigao, Chen Shaofeng Soft X-ray TV microscope developed in China for NDT 55028
Tan Kun-Lin *see* Zou Shou-Bao 99604
Tan Le *see* Jaekyong Cho 82748
Tan Leng Seow *see* Leng Seow Tan
Tan Ngo Dac *see* Ngo Dac Tan
Tan Pek Tong, Gunawan, E. Development toolkit for OSI network design 74762
Tan Pek Tong *see* Gunawan, E. 74726
Tan Shaohua *see* Shaohua Tan
Tan Sin Eam *see* Sin Eam Tan
Tan Song-Sheng *see* Song-Sheng Tan
Tan Songsheng *see* Songsheng Tan
Tan Suning *see* Suning Tan
Tan Wu Kou *see* Kou Tan Wu
Tan Xin *see* Xin Tan
Tan Xuehou *see* Xuehou Tan
Tan Yan *see* Pan Ji 72412
Tan Yiping *see* Mao Huishun 98593
Tan Yongfang *see* Yongfang Tan
Tan Yushan *see* Yushan Tan
Tan Zhen *see* Zhen Tan
Tan Zheng, Pan Jielin, Zhang Shuwu A natural language modeling for Chinese: phonetic flow to text 84177
Tan Zheng *see* Liu Hui 57847
Tan Zixiang *see* Zixiang Tan
Tan-Li Chou, Roy, K., Prasad, S. Estimation of circuit activity considering signal correlations and simultaneous switching 92154
Tan-Tsu Sheng, Chih-Yuan Lu, Ruey-Dar Chang, Song-Tsan Chiang Transmission electron microscopy analysis of "black belt:" the masking film of white ribbon of Kooi effect in the local oxidation of silicon process 49902
Tanabe, A. *see* Morimoto, M. 97662
Tanabe, A. *see* Mutoh, N. 98090
Tanabe, A. *see* Takeuchi, K. 93621
Tanabe, A. *see* Tohyama, S. 87188
Tanabe, A. *see* Tohyama, S. 98089
Tanabe, H., Sera, K., Nakamura, K.-I., Hirata, K., Yuda, K., Okumura, F. Excimer laser crystallization of amorphous silicon films 79888
Tanabe, H. *see* Itoh, H. 71200

Tanabe, J., Krupnick, J., Hoyer, E., Paterson, A. Magnet costs for the Advanced Light Source 76683
Tanabe, K., Marubayashi, E., Kawashima, H., Nakanishi, T., Shio, A. PC-based car license plate reading 66150
Tanabe, K., Sugiyama, M. Automatic extraction of eyeblink for psychological experiment 84747
Tanabe, M., Matsuda, A., Sunada, T., Nomura, T., Fujimoto, H., Hayashi, T. Reactive ion etching of Al alloy and silicon dioxide films in a rotating magnetic field 62423
Tanabe, M. *see* Onai, T. 93578
Tanabe, N. Semiconductor technology CAD systems at NEC 61474
Tanabe, N. *see* Hamada, T. 61733
Tanabe, N. *see* Mukaiyama, Y. 99706
Tanabe, R., Yasuda, K., Yokoyama, R. An algorithm for linguistic risk assessment of uncertain factors in generation planning 59884
Tanabe, R. *see* Kubokawa, J. 89084
Tanabe, S., Tonegawa, A., Takayama, K. Low temperature ion source 53254
Tanabe, S. *see* Sakai, Y. 50348
Tanabe, T., Kawamura, Y., Li, D., Toyoda, K. Possible efficiency-enhancement of metal photocathode for DISKTRON electrostatic accelerator 76750
Tanabe, T. *see* Kumada, M. 68748
Tanabe, T. *see* Saegusa, A. 93140
Tanabe, T. *see* Tanoi, S. 92224
Tanabe, T. *see* Tanoi, S. 92239
Tanabe, Y. *see* Cho, T. 88031
Tanabe, Y. *see* Miura, K. 50110
Tanabe, Y. *see* Nagaoka, M. 92572
Tanabe, Y. *see* Ohtomo, Y. 58266
Tanabe, Y. *see* Okamura, M. 59023
Tanabe, Y. *see* Takeda, O. 76414
Tanabu, T., Konishi, S., Furuta, A., Tanaka, T. Directivity loudspeaker system 75772
Tanahashi, A. *see* Otani, Y. 58800
Tanahashi, I. *see* Kondo, M. 81424
Tanahashi, N. *see* Namihira, Y. 72302
Tanahashi, S., Kubo, T., Jikuhara, R., Kaji, G., Terasawa, M., Tacano, M., Nakagawa, H., Aoyagi, M., Kurosawa, I., Takada, S. Off-chip superconductor wiring in multichip module for Josephson LSI circuit 93956
Tanahashi, S. *see* Kubo, T. 82360
Tanahashi, S. *see* Mito, T. 89302
Tanahashi, S. *see* Yamada, S. 72257
Tanahashi, T., Araki, H. Drive-control equipment for 750 m/min elevators 78916
Tanahashi, T., Furuya, A., Anayama, C., Kondo, M. One-step MOVPE-grown AlGaInP visible laser with round-beam-spot, small-astigmatism, and high-power characteristics 56805
Tanahashi, T., Furuya, A., Anayama, C., Kondo, M. AlGaInP visible lasers grown by one-step MOVPE 72844
Tanahashi, T. *see* Anayama, C. 50849
Tanahashi, T. *see* Fukushima, T. 72899
Tanahashi, T. *see* Kondo, M. 71286
Tanaka, A., Shinohara, H., Yamada, K., Honda, M., Hatada, T., Yamagiwa, A., Shirai, Y. A CPU chip-on-board module 54539
Tanaka, A. *see* Cui, J. 61296
Tanaka, A. *see* Nakakawaji, T. 85647
Tanaka, A. *see* Nakamura, Y. 93567
Tanaka, A. *see* Saiki, A. 62438
Tanaka, A. *see* Udono, H. 61271
Tanaka, A. *see* Watanabe, A. 61229
Tanaka, A. *see* Yamada, K. 92299
Tanaka, E. *see* Guo, B. 59796
Tanaka, E. *see* Masuda, S. 48789
Tanaka, F. Fuzzy data smoothing 95415
Tanaka, F. *see* Ishihara, M. 76210
Tanaka, F. *see* Tsukamoto, K. 75853
Tanaka, H. Systematic construction algorithm of fixed block-length multi-track (d, k) codes 73738
Tanaka, H. Systematic construction algorithm of fixed block-length (d, k) codes 95215
Tanaka, H., Banba, N., Ari, S., Nishikawa, T. 2 GHz one octave-band 90 degree hybrid coupler using coupled meander line optimized by 3-D FEM 80632
Tanaka, H., Ishiguro, N., Miyashita, T., Yanagawa, N., Sadamoto, M., Koyama, M., Ashida, Y., Fukuda, N. Fabricating high performance a-Si solar cells by alternately repeating deposition and hydrogen plasma treatment method 100602
Tanaka, H., Ishiguro, N., Miyashita, T., Yanagawa, N., Sadamoto, M., Koyama, M., Miyachi, K., Ashida, Y., Fukuda, N. Improvement of p-i buffer layer properties by hydrogen plasma treatment and its applications to pin a-Si:H solar cells 100525
Tanaka, H., Matsushima, T.K. Performance of a modified symbol-rate-increased TC-2^mQAM 95152
Tanaka, H., Nakagome, Y., Etoh, J., Yamasaki, E., Aoki, M., Miyazawa, K. Sub-1-μA dynamic reference voltage generator for battery-operated DRAMs 49424
Tanaka, H., Nakagome, Y., Etoh, J., Yamasaki, E., Aoki, M., Miyazawa, K. Sub-1-μA dynamic reference voltage generator for battery-operated DRAMs 70557
Tanaka, H., Nakanishi, T., Matsuda, T., Takeuchi, T., Okuda, S. Synchrotron radiation source equipment 53137
Tanaka, H., Okada, F. A simple method for separating dissipation factors in microwave printed circuit boards 80967
Tanaka, H., Okamura, H., Saikawa, S., Iyasu, M., Akitomi, T. The MELFLEX III series wide-area supervisory control system 75868
Tanaka, H. *see* Aoyagi, R. 71858
Tanaka, H. *see* Baba, S. 85669
Tanaka, H. *see* Hagiwara, T. 92268
Tanaka, H. *see* Higuchi, S. 70178
Tanaka, H. *see* Ikehara, M. 49552
Tanaka, H. *see* Ikuta, S. 63657
Tanaka, H. *see* Ise, K. 57341
Tanaka, H. *see* Iwahori, Y. 95750
Tanaka, H. *see* Iwano, K. 73737
Tanaka, H. *see* Jianmin Zhao 77969
Tanaka, H. *see* Koda, H. 51609
Tanaka, H. *see* Koda, H. 95868
Tanaka, H. *see* Kohga, K. 66044
Tanaka, H. *see* Nakamae, K. 62972
Tanaka, H. *see* Noda, M. 86684
Tanaka, H. *see* Okamura, H. 58545
Tanaka, H. *see* Ozaki, T. 75729
Tanaka, H. *see* Shimada, J. 72535
Tanaka, H. *see* Suyama, M. 82818
Tanaka, H. *see* Suyama, M. 94271
Tanaka, H. *see* Suzuki, M. 65832
Tanaka, H. *see* Suzuki, M. 75420
Tanaka, H. *see* Taga, H. 52554
Tanaka, H. *see* Toyoda, Y. 97661
Tanaka, H. *see* Uenishi, Y. 94449
Tanaka, H. *see* Yokoo, K. 62066
Tanaka, H.-A., Okada, A., Oishi, S., Horiuchi, K. Singular point analysis for dynamical systems with many parameters. An application to an asymmetrically and densely connected neural network model 80536
Tanaka, I. *see* Niimura, N. 98529
Tanaka, I. *see* Ohkouchi, S. 54863
Tanaka, I. *see* Ohkouchi, S. 71102
Tanaka, I. *see* Ohkouchi, S. 71328
Tanaka, I. *see* Shimohara, K. 61759
Tanaka, I. *see* Yamamoto, S. 84923
Tanaka, I. *see* Yamamoto, T. 94502
Tanaka, J., Kimura, S., Noda, H., Toyabe, T., Ihara, S. A sub-0.1-μm grooved gate MOSFET with high immunity to short-channel effects 93417
Tanaka, J. *see* Ejiri, H. 59215
Tanaka, J. *see* Ichikawa, S. 61901
Tanaka, J. *see* Ikeda, T. 50743
Tanaka, J. *see* Ishihara, T. 85769
Tanaka, J. *see* Suh, K.S. 50151
Tanaka, J. *see* Weijun Yin 50149
Tanaka, K. Multifault calculation method for dynamic stability study of electric power systems 88960
Tanaka, K. Load-flow equivalents for decentralized monitor and control of power systems 89055
Tanaka, K., Ciampolini, P., Pierantoni, A., Baccarani, G. Comparison between a posteriori error indicators for adaptive mesh generation in semiconductor device simulation 49945
Tanaka, K., Iwakiri, M., Matsui, K. Accelerated image coding scheme based on iterated function systems 74292
Tanaka, K., Kato, K., Tsuru, S., Sakai, S. Holographically formed liquid-crystal/polymer device for reflective color display 87369
Tanaka, K., Kosugi, M., Ando, F., Ushiki, T., Usui, H., Sato, K. Photoconductive imaging using $CuInSe_2$ film 66456
Tanaka, K., Matsuura, Y., Nishio, S., Yamabe, T. Doping effect on organic semiconductive thin film by plasma polymerization of 3,4,9,10-perylenetetracarboxylic dianhydride 81434
Tanaka, K., Miyabo, K., Yamaguchi, T. ISDN audiographics teleconferencing system based on personal computers 52237
Tanaka, K., Oyaizu, I. A confidentiality system for ISDN inter-PC high-speed file transfer 65430
Tanaka, K., Sakoguchi, E., Yamada, E. Simulated power source based on output characteristics of solar cell 89749
Tanaka, K., Shimomura, T. Improvement of reconstructed images with binary digital phase holograms by error diffusion methods 56929
Tanaka, K., Shimomura, T. Convergency of reconstructed images from computer-generated holograms by an iterative method 64015
Tanaka, K., Shimomura, T. Computer-generated holograms by error diffusion method using Peano curve 94673
Tanaka, K., Shirai, Y. A proposal of a method for motion tracking with control of camera rotation 84783
Tanaka, K., Takada, T. Measurement system for two-dimensional electric field vector in dielectric liquids 50148
Tanaka, K., Takada, T. Measurement of the 2-dimensional electric field vector in dielectric liquids 82172
Tanaka, K., Takahashi, K. An efficient method of modifying Z-matrix elements in short-circuit capacity calculations 89178
Tanaka, K., Yoshimura, N., Morikawa, E., Wakana, H. Antenna system of feeder-link earth station 86264
Tanaka, K., Yoshino, Y., Ootera, H. Volume integral equation for analysis of quantum electron waveguide circuits 62908
Tanaka, K. *see* Aoki, M. 98105
Tanaka, K. *see* Furukawa, S. 97239
Tanaka, K. *see* Haruyama, T. 94010
Tanaka, K. *see* Kanno, M. 55835
Tanaka, K. *see* Kato, J. 81387
Tanaka, K. *see* Kato, K. 66614
Tanaka, K. *see* Kato, K. 87394
Tanaka, K. *see* Kawashima, H. 98094
Tanaka, K. *see* Kitamura, O. 71331
Tanaka, K. *see* Kitamura, O. 71343
Tanaka, K. *see* Lee, J.-S. 62244
Tanaka, K. *see* Murasugi, K. 58083
Tanaka, K. *see* Nobuhara, H. 72906
Tanaka, K. *see* Ogawa, T. 55758
Tanaka, K. *see* Ogura, M. 71330
Tanaka, K. *see* Ohtake, K. 64539
Tanaka, K. *see* Taguchi, M. 95045
Tanaka, K. *see* Takahashi, T. 86265
Tanaka, K. *see* Uchimura, T. 63347
Tanaka, K. *see* Yamamoto, S. 97126
Tanaka, K. *see* Yoshimura, N. 88722
Tanaka, K. *see* Zhu, Z. 69998
Tanaka, K.H., Yamanoi, Y., Noumi, H., Takasaki, M., Saitoh, Y., Kato, K., Yokoi, T., Tsukada, S., Tanno, H. Development of radiation-resistant magnet coils for high-intensity beam lines 76567
Tanaka, K.I. *see* Terada, K. 89337
Tanaka, M., Arimitsu, K., Sato, K. Electromagnetic characterization of rough-surface profile using conjugate gradient method 73293
Tanaka, M., Crounse, K.R., Roska, T. Parallel analog image coding and decoding by using cellular neural networks 95804
Tanaka, M., Harbison, J.P., Sands, T., Cheeks, T.L., Keramidas, V.G., Rothberg, G.M. Molecular beam epitaxy of MnAs thin films on GaAs 54845
Tanaka, M., Ikeda, H., Ikeda, M., Inaba, S., Fujita, Y. Monolithic charge-to-amplitude converter circuit as a building block of a wide dynamic-range A-to-D conversion system 98662
Tanaka, M., Ikeda, H., Tamai, K., Takemoto, M., Hayashii, H. Development and evaluation of charge-sensitive preamplifier for CsI calorimeter in the KEK B-factory 88235
Tanaka, M., Ikeda, M., Ikeda, H., Inaba, S., Fujita, Y. Monolithic current integrator circuit as a building block of wide dynamic range ADC for calorimetry system 59201
Tanaka, M., Kimura, S., Fujita, M., Matumoto, Y., Hatooka, Y. Development of S-band intersatellite communications equipment on ETS-VI 86260
Tanaka, M., Kimura, S., Teshirogi, T., Matsumoto, Y., Ito, T., Akaishi, A., Mizutamari, H., Okubo, S. Development of multibeam phased array antenna on ETS-VI for S-band intersatellite communications 86256
Tanaka, M., Kitahara, Y. Japanese digital cellular telecommunication system 86215
Tanaka, M., Kurita, T., Umeyama, S. Image understanding via representation of the projected motion group 85135
Tanaka, M., Lee, Y.Y. The AGS-Booster complex for the g-2 experiment and RHIC injection 66947
Tanaka, M., Nemoto, K., Takashima, Y. Image communication services using JPEG 52181
Tanaka, M., Takenaka, T., Harada, H., Tabuchi, Y. Electromagnetic imaging of scattering objects in cross-borehole measurements 67780
Tanaka, M. *see* Boerner, W.-M. 77211
Tanaka, M. *see* Boerner, W.-M. 77704
Tanaka, M. *see* De Bievre, P. 86970
Tanaka, M. *see* Fujii, K. 86983
Tanaka, M. *see* Fujimoto, H. 87534
Tanaka, M. *see* Fujimoto, T. 77646
Tanaka, M. *see* Hidaka, R. 54974
Tanaka, M. *see* Hori, A. 93423
Tanaka, M. *see* Ikeda, H. 59204
Tanaka, M. *see* Ikeda, K. 100308
Tanaka, M. *see* Ikegami, M. 84928
Tanaka, M. *see* Kobayashi, F. 64745
Tanaka, M. *see* Meng, W. 76701
Tanaka, M. *see* Morikawa, E. 86267
Tanaka, M. *see* Nakayama, K. 86984
Tanaka, M. *see* Ohara, Y. 53179
Tanaka, M. *see* Okazaki, H. 92522
Tanaka, M. *see* Okuno, S. 98559
Tanaka, M. *see* Saitoh, Y. 59075
Tanaka, M. *see* Saitoh, Y. 88124
Tanaka, M. *see* Saitoh, Y. 98580
Tanaka, M. *see* Sakuma, A. 97768
Tanaka, M. *see* Satoh, J. 61683
Tanaka, M. *see* Sawada, T. 100524
Tanaka, M. *see* Sawada, T. 100588
Tanaka, M. *see* Sekimoto, Y. 67333
Tanaka, M. *see* Shimizu, N. 95805
Tanaka, M. *see* Takahashi, T. 76760
Tanaka, M. *see* Tanaka, T. 60068
Tanaka, M. *see* Tsuboi, H. 90651
Tanaka, M. *see* Uno, A. 58560
Tanaka, M. *see* Yamamoto, S. 58376

Tanaka, M.H. *see* Fuchi, Y. 59134
Tanaka, N., Okano, H., Usuki, T., Shibata, K. Preparation of aluminum nitride epitaxial films by electron cyclotron resonance dual-ion-beam sputtering 91436
Tanaka, N. *see* Asada, M. 59921
Tanaka, N. *see* Awaya, Y. 77597
Tanaka, N. *see* Hasegawa, Y. 78247
Tanaka, N. *see* Kinoshita, T. 73121
Tanaka, N. *see* Komori, T. 94053
Tanaka, N. *see* Nishigaki, M. 49231
Tanaka, N. *see* Okano, H. 71859
Tanaka, N. *see* Osaka, F. 93191
Tanaka, N. *see* Tanigawa, K. 61967
Tanaka, R. *see* Badier, J. 87982
Tanaka, R. *see* Kuwata, Y. 54147
Tanaka, R. *see* Saitoh, Y. 59022
Tanaka, S., Hotta, T., Murabayashi, F., Iwamura, M., Yamada, H., Katsura, K., Ikeda, K., Matsuo, T., Takemoto, T., Matsubara, K., Kume, M., Saitou, K., Nakano, T., Mori, K., Shimizu, T., Satomura, R., Kitamura, N., Hayashi, T., Doi, T., Ishibashi, K. A 120 MHz BiCMOS superscalar RISC processor 70666
Tanaka, S., Hotta, T., Murabayashi, F., Yamada, H., Yoshida, S., Shimamura, K., Katsura, K., Bandoh, T., Ikeda, K., Matsubara, K., Saitou, K., Nakano, T., Shimizu, T., Satomura, R. A 120-MHz BiCMOS superscalar RISC processor 49489
Tanaka, S., Itozaki, H., Toyoda, H., Harada, N., Adachi, A., Okajima, K.., Nagaishi, T., Kado, H. 4-channel $YBa_2Cu_3O_{7-y}$ DC SQUID magnetometer for biomagnetic measurements 98810
Tanaka, S., Kitahara, H., Kanamori, Y., Suzuki, Y. Outline of ETS-VI 86259
Tanaka, S., Lundstrom, M.S. A flux-based approach to HBT device modeling 93341
Tanaka, S., Nikaido, H., Terada, Y., Kinoshita, M. An automatic detection system for anomalous objects in excavating tunnels 59617
Tanaka, S., Nishifuji, S. Automatic measurement of ship's attitude by use of servo-type accelerometers 100878
Tanaka, S., Suzuki, F., Hosono, K., Oshiki, M., Kakehi, A. Magnetic properties and corrosion resistance of Co-Fe-Ni film and its application to the thin film inductive head 50234
Tanaka, S., Yamakoshi, K., Rolfe, P. New portable instrument for long-term ambulatory monitoring of posture change using miniature electromagnetic inclinometers 67503
Tanaka, S. *see* Cho, T. 88031
Tanaka, S. *see* Daud, A. 56529
Tanaka, S. *see* Eguchi, M. 64419
Tanaka, S. *see* Harada, R. 85952
Tanaka, S. *see* Ido, T. 94188
Tanaka, S. *see* Iimura, K. 75788
Tanaka, S. *see* Ikumi, N. 92283
Tanaka, S. *see* Itozaki, H. 93958
Tanaka, S. *see* Kanetake, T. 50940
Tanaka, S. *see* Kojima, H. 70342
Tanaka, S. *see* Kusuda, Y. 63613
Tanaka, S. *see* Murabayashi, F. 49486
Tanaka, S. *see* Nakamura, T. 93963
Tanaka, S. *see* Ogata, S. 89269
Tanaka, S. *see* Ohmi, K. 63563
Tanaka, S. *see* Ohmi, K. 63568
Tanaka, S. *see* Ohmi, K. 70143
Tanaka, S. *see* Shikida, M. 66301
Tanaka, S. *see* Taguchi, K. 97325
Tanaka, S. *see* Takasaki, K. 77579
Tanaka, S. *see* Yamaguchi, K. 93968
Tanaka, S. *see* Yamakoshi, K. 77001
Tanaka, S.T., Clapp, A., Devlin, M., Fischer, M., Hagmann, C., Lange, A.E., Richards, P.L. A 100 mK bolometric receiver for low background astronomy 58782
Tanaka, T., Akagi, H. Harmonic power detection based on the pq theory and its application 78244
Tanaka, T., Asuma, H., Ogawa, K., Shinagawa, Y., Ono, K., Konishi, N. An LCD addressed by a-Si:H TFTs with peripheral poly-Si TFT circuits 98211
Tanaka, T., Jitosho, T., Yamamori, K. Overwrite and bit shift characteristics for Ba-ferrite floppy disks 72104
Tanaka, T., Kato, M., Adachi, T., Ogura, K., Kimura, K., Kume, H. High-speed programming and program-verify methods suitable for low-voltage flash memories 70525
Tanaka, T., Kawabata, K. Effect of deposition rate on DC bias voltage in RF-DC coupled magnetron sputtering system 70129
Tanaka, T., Sakitani, A., Egashira, S., Harada, T. Composition of AM/FM.mobile telephone triband antenna 75218
Tanaka, T., Suzuki, K., Horie, H., Sugii, T. Ultrafast low-power operation of p^+-n^+ double-gate SOI MOSFETs 71698
Tanaka, T., Suzuki, K., Horie, H., Sugii, T. Ultrafast operation of V_{th}-adjusted p^+-n^+ double-gate SOI MOSFET's 93377
Tanaka, T., Suzuki, S., Nekomoto, Y., Tanaka, M. The development of a diagnostic and monitoring system for vibrating pipe branches 60068
Tanaka, T., Tanaka, Y., Nakamura, H., Sakui, K., Oodaira, H., Shirota, R., Ohuchi, K., Masuoka, F., Hara, H. A quick intelligent page-programming architecture and a shielded bitline sensing method for 3 V-only NAND flash memory 92244
Tanaka, T., Watanabe, A., Amano, H., Kobayashi, Y., Akasaki, I., Yamazaki, S., Koike, M. P-type conduction in Mg-doped GaN and $Al_{0.08}Ga_{0.92}N$ grown by metalorganic vapor phase epitaxy 71116
Tanaka, T., Yanagisawa, H., Minagawa, S. Comparison between tensile-strained AlGaInP SQW and MQW LDs emitting at 615 nm 50850
Tanaka, T., Yashiki, H., Takada, S., Sasaki, T. Effect of metallurgical factors on the magnetic properties of non-oriented electrical steels under PWM excitation 63143
Tanaka, T. *see* Aoki, S. 75440
Tanaka, T. *see* Danikas, M.G. 63094
Tanaka, T. *see* Egashira, S. 57233
Tanaka, T. *see* Hasegawa, K. 80395
Tanaka, T. *see* Hashimoto, O. 51073
Tanaka, T. *see* Hayama, S. 96580
Tanaka, T. *see* Hoshi, T. 75255
Tanaka, T. *see* Imura, M. 92638
Tanaka, T. *see* Kawata, S. 56325
Tanaka, T. *see* Kim, S.T. 83134
Tanaka, T. *see* Kogiku, I. 85744
Tanaka, T. *see* Krahenbuhl, F. 82163
Tanaka, T. *see* Kume, H. 61738
Tanaka, T. *see* Manabe, K. 96867
Tanaka, T. *see* Morimoto, M. 97662
Tanaka, T. *see* Nishida, S. 86811
Tanaka, T. *see* Nishihara, S. 53102
Tanaka, T. *see* Nishimoto, T. 99705
Tanaka, T. *see* Sotome, H. 86427
Tanaka, T. *see* Suzuki, K. 62796
Tanaka, T. *see* Takahashi, N. 84620
Tanaka, T. *see* Tanabu, T. 75772
Tanaka, T. *see* Tanzawa, T. 70527
Tanaka, T. *see* Willatzen, M. 63790
Tanaka, T. *see* Yamada, M. 65446
Tanaka, T. *see* Yamashita, M. 63547
Tanaka, U., Yabuzaki, T. Frequency stabilization of diode laser using external cavity and Doppler-free atomic spectra 56755
Tanaka, Y. Video signal noise characteristics with regard to scanning method 58564
Tanaka, Y., Hosaka, S. Fuzzy control of telecommunications networks using learning technique 85423
Tanaka, Y., Inoue, H., Holt, S.S. The X-ray astronomy satellite ASCA 99037
Tanaka, Y., Inoue, H., Kamimura, M., Kitade, K., Ikeda, T., Maehara, M., Ohga, H., Kobayashi, A., Saitoh, T. System development for Advanced Satellite for Cosmology and Astrophysics "ASCA" 88627
Tanaka, Y., Ishiguro, A., Uchikawa, Y. An analytical method for inverse problems in electromagnetics using genetic algorithms 64063
Tanaka, Y., Ishiguro, A., Uchikawa, Y. A method of estimation of current distribution using genetic algorithms with variable-length chromosomes 83455
Tanaka, Y., Komai, T., Hikosaka, T. Analysis of write and read spacing loss for perpendicular recording 63233
Tanaka, Y., Takimoto, A., Ogawa, H. Analysis of charge-controlled gray scale in ferroelectric liquid crystal optically addressed spatial light modulator 72474
Tanaka, Y., Taniguchi, T. Efficient coding of LPC parameters using adaptive prefiltering and MSVQ with partially adaptive codebook 73831
Tanaka, Y., Tokunaga, T., Miyazaki, T. Three-dimensional laser processing with linear shaped beam of uniform power density 83396
Tanaka, Y., Toyama, T. Analysis of current-temperature-light characteristics of GaAsP light-emitting diodes 82836
Tanaka, Y., Toyama, T., Tohmon, R. A novel temperature-stable light-emitting diode 72628
Tanaka, Y., Ubukata, H., Matsumura, K. Improvements in electromagnetically shielded cable 65546
Tanaka, Y. *see* Hara, Y. 64236
Tanaka, Y. *see* Hotate, K. 76036
Tanaka, Y. *see* Murase, M. 75329
Tanaka, Y. *see* Saito, T. 62584
Tanaka, Y. *see* Tanaka, T. 92244
Tanaka, Y. *see* Tanoi, S. 92224
Tanaka, Y. *see* Tanoi, S. 92239
Tanaka, Y. *see* Tanzawa, T. 70527
Tanaka, Y. *see* Xu, Z. 90131
Tanaka, Y. *see* Yamaguchi, H. 85895
Tanamoto, T., Katoh, R., Naruse, Y. A novel quantum cellular automata logic with loop structures 92112
Tanamoto, T. *see* Zohta, Y. 81773
Tanamura, A. *see* Toda, A. 74388
Tanamura, H. *see* Noguchi, H. 92978
Tanase, K. *see* Uchihara, Y. 50606
Tanase, S. *see* Tanimoto, K. 78809
Tanba, N. *see* Yoshimasu, T. 49666
Tanba, N. *see* Yoshimasu, T. 80784
Tanbun-Ek, T. *see* Ackerman, D.A. 56810
Tanbun-Ek, T. *see* Andrekson, P.A. 63764
Tanbun-Ek, T. *see* Chen, Y.K. 72896
Tanbun-Ek, T. *see* Froberg, N.M. 50820
Tanbun-Ek, T. *see* Morton, P.A. 56750
Tanbun-Ek, T. *see* Morton, P.A. 56761
Tanbun-Ek, T. *see* Morton, P.A. 56788
Tancevski, L., Andonovic, I. Wavelength hopping/time spreading code division multiple access systems 85264
Tancevski, L., Bazgaloski, L., Andonovic, I., Budin, J. Incoherent asynchronous optical CDMA using gold codes 58378
Tancevski, L. *see* Andonovic, I. 74660
Tanda, T., Adachi, H., Akazawa, N., Nakamura, Y. Design of a personal handy phone terminal for home use 86146
Tanda, T. *see* Akazawa, N. 86147
Tandon, N. A comparison of some vibration parameters for the condition monitoring of rolling element bearings 53089
Tandon, P. *see* Papavassiliou, S. 65641
Tandon, P. *see* Papavassiliou, S. 97058
Tandon, S., Mansingh, A. Influence of target substrate distance on crystallization of sputtered PZT films 79902
Tandon, V., Wilby, M., Todd, C. Wavelength reuse in future passive optical networks 58437
Tandon, V. *see* Hawker, I. 86471
Tane, Y. *see* Ando, T. 92845
Tanebe, T. *see* Fukumasa, O. 53197
Taneda, M. *see* Kamikado, T. 82447
Taneda, M. *see* Otsuka, K. 91679
Tanelian, D.L. *see* Maluf, N.I. 76881
Tanev, S. *see* Shivarova, A. 82595
Tang, A. *see* Sheung, J. 69769
Tang, B. *see* Liu, C.T. 55022
Tang, C. *see* Ninkov, Z. 66474
Tang, C.C. *see* Jones, A.C. 54954
Tang, C.H. Airborne radar in-flight antenna pattern testing 88661
Tang, C.K., Graham, C.E., El-Kady, M., Alden, R.T.H. Transient stability index from conventional time domain simulation 89009
Tang, C.K., Reed, G.T., Walton, A.J., Rickman, A.G. Low-loss, single-model optical phase modulator in SIMOX material 82659
Tang, C.K.K. *see* Milsom, J.D. 97025
Tang, C.L. Optical parametric processes in nonlinear optics 73096
Tang, C.L. *see* Ellingson, R.J. 73108
Tang, C.L. *see* Pelouch, W.S. 73110
Tang, C.L. *see* Powers, P.E. 94594
Tang, C.Y. *see* Hsiao, J.Y. 91327
Tang, D. *see* Shimokohbe, A. 87509
Tang, D.D., Lee, R.E., Su, J.L., Chu, F., Lo, J., Santini, H., Lane, L., Robertson, N., Ponce, M., Cisneroz, P., Guthmiller, G. Omega head—an experimental 120-turn inductive head 72111
Tang, D.L. *see* Gao, Y. 53222
Tang, D.T. *see* Jin-Fuw Lee 92173
Tang, D.Y. *see* Slekys, G. 94361
Tang, F.K. *see* Bai, J.Z. 53324
Tang, G.-P. *see* Hansen, K. 92945
Tang, H., Alley, R.K., Aoyagi, H., Clendenin, J.E., Frisch, J.C., Garden, C.L., Hoyt, E.W., Kirby, R.E., Klaisner, L.A., Kulikov, A.V., Prescott, C.Y., Saez, P.J., Schultz, D.C., Turner, J.L., Woods, M., Zolotorev, M.S. Study of nonlinear photoemission effects in III-V semiconductors 71025
Tang, H., Scuka, V. Switching characteristics of a 'high speed' trigatron spark gap 90306
Tang, H. *see* Clendenin, J.E. 76743
Tang, H. *see* Garden, C.L. 71026
Tang, H. *see* Saez, P. 71024
Tang, H. *see* Yeremian, A.D. 76724
Tang, H.-T. *see* Green, M.L. 81463
Tang, H.H.K. *see* Souissi, K. 71553
Tang, H.K. *see* Srinivasan, G.R. 62944
Tang, H.W. *see* Ahlen, S. 98641
Tang, J. *see* Tang, K. 79449
Tang, J.C. *see* Isaacs, E.A. 58235
Tang, J.K. *see* Bird, D. 98533
Tang, J.S. *see* Song, P.S. 87799
Tang, J.T. Gallium liquid metal ion source 53251
Tang, K., Astola, J., Neuvo, Y. Multichannel edge enhancement in color image processing 95665
Tang, K., Tang, J. Design of screening procedures: a review 79449
Tang, K.W. CayleyNet: a multihop WDM-based lightwave network 65394
Tang, L., Mueller, D., Hall, D., Samotyj, M., Randolph, J. Analysis of DC arc furnace operation and flicker caused by 187 Hz voltage distortion 69225
Tang, L.G. *see* Barakat, M. 98712
Tang, M.-T. *see* Green, M.L. 81463
Tang, M.C. *see* Kuo, J.B. 93464
Tang, N. *see* Liu, J.P. 72014
Tang, N. *see* Wang, J.I. 71974
Tang, P.K. Supercarriers and the unbundling of export controls 96364
Tang, P.W., Belkerdid, M.A., Malocha, D.C. Effects of channel compression on SAW based quadrature binary modulation systems 95069
Tang, S., Chen, R.T. Planar formation of 3-D highly parallel optical fan-out interconnects for wafer scale optical clock signal distribution 79378
Tang, S., Chen, R.T., Gerold, D., Li, M.M., Natarajan, S., Lin, J., Chellappan, N., Peskin, M.A. Design considerations for high packaging density optical bus array 82858

Tang, S., Chen, R.T., Gerold, D., Li, M.M., Zhao, C., Natarajan, S., Lin, J. Design limitations of highly parallel free-space optical interconnects based on arrays of vertical-cavity surface emitting laser diodes, microlenses, and photodetectors 82867
Tang, S., Chen, R.T., Peskin, M. System limitations due to channel cross-coupling in a highly parallel polymer-based single-mode channel waveguide array 56407
Tang, S. *see* Li, M.M. 82862
Tang, S. *see* Natarajan, S. 82870
Tang, S.H. *see* Ji, W. 83332
Tang, S.H. *see* Li, Q. 62074
Tang, S.Q. *see* Bai, J.Z. 53324
Tang, T. *see* Jumarhon, B. 69878
Tang, T.-W. *see* Scrobohaci, P.G. 71561
Tang, W., Jiang, Y., Hua, G.C., Lee, F.C., Cohen, I. Power factor correction with flyback converter employing charge control 53669
Tang, W. *see* Huliehel, F.A. 60344
Tang, W. *see* Jiang, Y. 53668
Tang, W.C. *see* Altendorf, E.H. 63798
Tang, W.C. *see* Tong, L. 54975
Tang, W.T. *see* Raman, V. 50277
Tang, X.J. *see* Chen, Y.D. 87017
Tang, X.Z., Tracy, E.R., Boozer, A.D., deBrauw, A., Brown, R. Reconstruction of chaotic signals using symbolic data 74050
Tang, Y., Xu, L. Stability analysis of a slip power recovery system under open loop and field orientation control 68612
Tang, Y., Xu, L. A new converter topology for advanced static VAr compensation in high power applications 68733
Tang, Y. *see* Chung, Y. 76478
Tang, Y. *see* Mun, Y. 51751
Tang, Y. *see* Tsang, C. 50322
Tang, Y.N., Krinsky, S. Use of regularization method in the determination of ring parameters and orbit correction [storage rings] 66985
Tang, Y.N., Krinsky, S. Use of regularization method in the determination of ring parameters and orbit correction 98405
Tang, Y.Q., Liang, Y.P., Wu, H.R., Meng, X.L., Xu, S.C., Fan, G.X. An adaptive finite element computation of h-p version for magnetic field problems 83440
Tang, Y.X. *see* Bhadani, P.K. 72972
Tang, Y.Y., Suen, C.Y. New algorithms for fixed and elastic geometric transformation models 73973
Tang, Z., Eknoyan, O., Taylor, H.F. Polarisation-independent electro-optically tunable wavelength filter in $LiTaO_3$ 94184
Tang, Z.X., Deng, X.H., Hadjipanayis, G.C., Papaefthymiou, V., Sellmyer, D.J. Structural and magnetic properties of $LaFe_{13-x}Si_x$ nitrides 50203
Tang, Z.X. *see* Singleton, E.W. 50202
Tang Aimei *see* Chen Wenbo 85931
Tang Andong *see* Zhao Mingjun 56294
Tang Bao Yin *see* Bao Yin Tang
Tang Baomin, Duan Bingjing Multilayer perceptron structures applied to adaptive echo canceller for ISDN subscriber loops 85882
Tang Binqian *see* Zhao Dade 80680
Tang Cha-Mei *see* Cha-Mei Tang
Tang Cheng *see* Cheng Tang
Tang Dah-Lain *see* Dah-Lain Tang
Tang Dingyuan *see* Liu Kun 71241
Tang Guang-Ping *see* Guang-Ping Tang
Tang Hao *see* Hao Tang
Tang Hoag *see* Hoag Tang
Tang Hong *see* Wang Zhuding 99557
Tang Hong *see* Hong Tang
Tang Jen *see* Jen Tang
Tang Jiaheng, Guan Shouping Estimating rotor state of PMSM variable-speed system 100829
Tang Jianming *see* Wang Shuicai 72770
Tang Jianming *see* Jianming Tang
Tang Jianxin *see* Jianxin Tang
Tang Jinfa *see* Jinfa Tang
Tang Jing-Jou *see* Jing-Jou Tang
Tang Jinglin *see* Jinglin Tang
Tang Jinsong *see* Jinsong Tang
Tang Kun *see* Yang Jun 73777
Tang Kun *see* Kun Tang
Tang Kwei *see* Kwei Tang
Tang Le *see* Le Tang
Tang Liang-Jing, Xie Tu-Qiang System design principle of linear CCD applied for measuring parts 58822
Tang Lixin *see* Hu Yuwen 100116
Tang Man Kit *see* Man Kit Tang
Tang Ning *see* Ning Tang
Tang Pu *see* Shi Zhendong 57083
Tang Pushan *see* He Lei 80044
Tang Pushan *see* He Lei 80045
Tang Pushan *see* Pushan Tang
Tang Qing *see* Qing Tang
Tang Renyuan *see* Chen Yongbin 90066
Tang Renyuan *see* Yang Junyou 90065
Tang Renyuan *see* Yang Shiyou 89864
Tang Shengzong *see* Li Xixiong 100152
Tang Shimin, Qin Sudi A Petrov-Galerkin finite element method for designing optical soliton communication 83341
Tang Suning *see* Suning Tang
Tang Tian-Hao *see* Tian-Hao Tang
Tang Ting-Bei *see* Ting-Bei Tang
Tang Ting-Wei *see* Ting-Wei Tang
Tang Wang *see* Wang Tang
Tang Wenyan Cutting edge sharpness measurement using angle limited total integrated scattering 98308
Tang Wenyan *see* Wenyan Tang
Tang Xiangyun *see* Li Yunqing 70166
Tang Xiao-Mei *see* Xiao-Mei Tang
Tang Xiaodong *see* Gu Donghong 50449
Tang Xiaodong *see* Shu Juping 72295
Tang Xiaodong *see* Xiaodong Tang
Tang Xiaowei, Zhai Pengj Scanning tunneling microscopy study of heavy ion tracks and a latent track nuclear detector 88188
Tang Xiongyan *see* Xiongyan Tang
Tang Yifan *see* Yifan Tang
Tang Yuan Yan *see* Yuan Yan Tang
Tang Yuan-Liang *see* Yuan-Liang Tang
Tang Yue-Jin *see* Yue-Jin Tang
Tang Yuqiang *see* Yuqiang Tang
Tang Zheng *see* Zheng Tang
Tang Zhou *see* Yong Zhu 50959
Tange, S., Fukino, M., Yamamoto, T. Feasibility study of super quick charging system 78934
Tangemann, M. *see* Rheinschmitt, R. 65695
Tango, H. *see* Shioyama, Y. 52946
Tango, H. *see* Takashima, D. 49423
Tangonan, G.L., Schaffner, J.H., Loo, R.F., Jones, V.L. Optoelectronic switching for antenna networks 86364
Tanguay, A.R., Jr. *see* Karim, Z. 56839
Tanguay, A.R., Jr. *see* Norte, A.D. 82676
Tanguy, A. *see* Grimaud, P.-O. 58961
Tanguy, P. *see* Vallet, M. 83198
Tanguy, P.Y. Nuclear safety in Eastern countries 60060
Tani, J. *see* Okada, Y. 100153
Tani, J. *see* Takagi, T. 83491
Tani, M., Yamaashi, K., Tanikoshi, K., Futakawa, M., Tanifuji, S. Object-oriented video: interaction with real-world objects through live video 66073
Tani, M. *see* Ihara, S. 77854
Tani, T., Watanabe, N., Takatori, K., Hori, S. Piezoelectric and dielectric properties for doped lead zirconate titanate ceramics under strong electric field 93720
Tani, T., Zhengkui Xu, Moses, P., Payne, D.A. Temperature-dependent property measurements on multi-electroded thin-layer dielectrics 63046
Tani, T. *see* Fujioka, T. 85671
Tani, T. *see* Furuya, K. 60453
Tani, T. *see* Sekiguchi, N. 78515
Tani, Y. *see* Endo, M. 61717
Tani, Y. *see* Mito, H. 71518
Tani, Y. *see* Sasago, M. 81733
Tani, Y. *see* Takata, M. 75785
Tanibata, Y. *see* Takahara, H. 97838
Tanibe, N. *see* Ishii, K. 80688
Tanida, J., Iwata, M., Ichioka, Y. Extended coding for optical array logic 63521
Tanida, M., Ishikawa, I., Yoshino, A., Sunazuka, H., Niwa, T. Characteristics of engineering plastics for cable insulations 92654
Tanida, M. *see* Kuwahara, K. 58119
Tanida, T. *see* Miyazaki, D. 84842
Tanie, K. *see* Kaneko, K. 78643
Tanie, K. *see* Maekawa, H. 75991
Tanifuji, S. *see* Tani, M. 66073
Tanifuji, T. *see* Murata, S. 86810
Tanigaki, S. *see* Sakaki, M. 90216
Tanigawa, K., Hirano, H., Sato, T., Tanaka, N. Electrical characteristics of spiral coil planar inductors using amorphous alloy ribbons as magnetic layers 61967
Tanigawa, K. *see* Funabiki, S. 78999
Tanigawa, S. *see* Muramatsu, S. 91594
Tanigawa, S. *see* Shinoda, M. 63257
Tanigawa, S. *see* Uedono, A. 71358
Tanigawa, S. *see* Uedono, A. 81186
Tanigawa, T., Yoshino, A., Koga, H., Ohya, S. Enhancement of data retention time for giga-bit DRAMs using SIMOX technology 70512
Tanigawa, T. *see* Kamiyama, S. 93536
Tanigawa, T. *see* Matsui, Y. 61702
Tanigawa, T. *see* Suzuki, M. 62530
Taniguchi, A. *see* Nagaki, Y. 82542
Taniguchi, H. Personal computer network system to support policy making of local government 58118
Taniguchi, H., Sugiura, O. Low-temperature chemical vapor deposition of silicon dioxide using tetra-isocyanate-silane ($Si(NCO)_4$) 91611
Taniguchi, H. *see* Ikata, O. 96878
Taniguchi, H. *see* Ohashi, M. 73119
Taniguchi, J. *see* Kikuchi, N. 75148
Taniguchi, K., Kitamichi, J. Design and verification of sequential logic circuits based on algebraic method 92090
Taniguchi, K., Suzuki, H., Nishida, T. Architecture and performance evaluation for high speed LAN internetworking processors 65363
Taniguchi, K. *see* Abramo, A. 81195
Taniguchi, K. *see* Inoue, M. 68712
Taniguchi, K. *see* Khosru, Q.D.M. 93070
Taniguchi, K. *see* Kitamichi, J. 49362
Taniguchi, K. *see* Kuwamura, N. 70362
Taniguchi, K. *see* Li, X.D. 96620
Taniguchi, K. *see* Matsuyama, K. 63262
Taniguchi, K. *see* Momose, H. 62295
Taniguchi, K. *see* Nakashi, K. 70333
Taniguchi, K. *see* Noda, M. 79948
Taniguchi, K. *see* Shirahama, H. 70715
Taniguchi, M., Takagi, T. Holographic pattern measuring system and its application to deformation analysis of printed circuit board due to heat of mounted parts 70996
Taniguchi, M., Takagi, T., Akasaki, I. An experimental study on the application of stroboscopic holography to impulsive vibration analysis of printed circuit board 92713
Taniguchi, M. *see* Hisamori, Y. 79023
Taniguchi, N., Gamo, T. Structure changes of $BaCe_{0.8}Gd_{0.2}O_{3-\alpha}$ electrolyte for fuel cell at high temperature in air and CO_2 atmosphere 78806
Taniguchi, N. *see* Ohki, M. 56158
Taniguchi, S. *see* Akiyama, Y. 68995
Taniguchi, S. *see* Nanto, H. 63566
Taniguchi, S. *see* Nanto, H. 72579
Taniguchi, T. A new ELE-timing discriminator for high counting rate experiments 59191
Taniguchi, T. *see* Aoki, Y. 99127
Taniguchi, T. *see* Fujita, M. 84717
Taniguchi, T. *see* Horiuchi, K. 59192
Taniguchi, T. *see* Jianmin Zhao 77969
Taniguchi, T. *see* Kurashige, H. 98665
Taniguchi, T. *see* Kuribayashi, K. 97957
Taniguchi, T. *see* Kuribayashi, K. 98318
Taniguchi, T. *see* Ohtsuka, K. 60651
Taniguchi, T. *see* Suzuki, T. 92217
Taniguchi, T. *see* Tanaka, Y. 73831
Taniguchi, T. *see* Zhao, J. 89014
Taniguchi, Y. Infrared sensors accommodate various needs by operating in different bands 76004
Taniguchi, Y., Ikuta, T., Shimizu, R. Mathematical background of defocus-modulation image processing 57861
Taniguchi, Y., Nakaya, C., Bito, Y., Yamamoto, E. MRI high-speed simulator using transition matrix method and periodicity of magnetizations 53394
Taniguchi, Y. *see* Kato, M. 83276
Tanigughi, H., Tanosaki, S. Characteristics of whispering-gallery-mode dye lasers utilizing dye-doped solid microspheres by UV N_2-laser pumping 94573
Tanigushi, K. *see* Yamaji, M. 50028
Tanii, T. *see* Koh, M. 71682
Tanii, T. *see* Koh, M. 91110
Tanii, T. *see* Mitsui, H. 76464
Tanikoshi, K. *see* Tani, M. 66073
Tanimizu, K. Reference pattern setting using multiple reference images in index method inspection of printer matter 64607
Tanimizu, K. Defect classification and parameter setting in image processing for automatic detection of minute defects in halftone printed matter 64609
Tanimoto, K., Miyazaki, Y., Yanagida, M., Tanase, S., Kojima, T., Ohtori, N., Kodama, T. Corrosivity of molten alkali and alkaline earth carbonate to SUS 310S under a simulated MCFC cathode environment 78809
Tanimoto, M., Arai, K. Potential distribution measurement of thin InGaAs resistors using scanning tunneling potentiometry 70935
Tanimoto, M. *see* Hirono, S. 54859
Tanimoto, M. *see* Mori, S. 70518
Tanimoto, M. *see* Shinohara, M. 79817
Tanimoto, M. *see* Triamlumlerd, S. 86772
Tanimoto, M. *see* Yokoyama, H. 91476
Tanimoto, S., Shibata, N., Kuroiwa, K., Tarui, Y. Synchronously excited discrete chemical vapor deposition of Ta_2O_5 54940
Tanimoto, S. *see* Kitao, I. 61762
Tanimoto, S. *see* Shichi, Y. 93708
Tanimoto, T., Kudo, M., Mori, M., Kodera, H. Dry etching damage and activation ratio degradation in δ-doped AlGaAs/InGaAs high electron mobility transistors 50043
Tanimoto, T., Okazaki, K. Electrical degradation process and mechanical performance of piezoelectric ceramics for different poling conditions 56141
Tanimoto, T. *see* Kudo, M. 48913
Tanimoto, T. *see* Nagaki, Y. 82542
Tanimura, D. *see* Kumagai, M. 97843
Tanimura, H. *see* Shiota, K. 79988
Tanimura, J. *see* Kuroiwa, T. 93710
Tanimura, Y. *see* Hatsuzawa, T. 87540
Tanin, L.V. *see* Aleksandrov, S.A. 56997
Tanin, L.V. *see* Aleksandrov, S.A. 76208
Tanina, O. *see* Maeda, S. 70484
Tanina, O. *see* Maegawa, S. 92819
Tanino, N. *see* Kashiwa, T. 80774
Tanio, N., Irie, M. Photooptical switching of polymer film waveguide containing photochromic diarylethenes 56378
Tanioka, K. *see* Yamagishi, T. 86717
Tanisake, N. *see* Tokumitsu, E. 93711
Tanisawa, S., Hirose, H., Yoshihisa, N. Actively generated noise liquid flowmeter 88895
Tanisho, A. *see* Takada, J. 94999
Tanitsu, M. *see* Tsubota, T. 61643
Taniuchi, S. *see* Furui, M. 58592
Taniwatari, T. *see* Aoki, M. 72424
Taniwatari, T. *see* Aoki, M. 72918
Taniwatari, T. *see* Okai, M. 63758
Taniwatari, T. *see* Okai, M. 72798

Taniyama, H., Tomizawa, M., Yoshii, A. Quantum distributed model of the resonant tunneling transistor 49948
Taniyama, H., Tomizawa, M., Yoshii, A. Numerical simulation of a coupled-quantum-well resonant tunneling transistor 62687
Taniyama, H. *see* Tomizawa, M. 62630
Tanji, A. *see* Kaihara, S. 60950
Tanji, A. *see* Kozaru, Y. 75413
Tanji, A. *see* Nakazawa, N. 86719
Tanji, T. *see* Lai, G. 58950
Tanju, M.C., Jain, P.K. High-performance AC/DC converter for high-frequency power distribution systems: analysis, design considerations, and experimental results 78724
Tanju, M.C. *see* Jain, P. 99109
Tanke, E.D., Von Leirer, O. Use of automated telephone reminders to increase elderly patients' adherence to tuberculosis medication appointments 96517
Tankevich, E.N. *see* Stognii, B.S. 87415
Tankovsky, N.S., Burov, J.I. Ionic solution electroacoustic transducer 99336
Tannas, L.E., Jr. Evolution of flat-panel displays 52995
Tannas, L.E., Jr. World status of avionic AMLCD panels 77156
Tanneau, G. *see* Bouissou, S. 90067
Tanneau, G. *see* Guerin, C. 83478
Tannenbaum, B. *see* de Barbaro, P. 98584
Tanner, A., Durden, S.L., Denning, R., Im, E., Li, F.K., Ricketts, W., Wilson, W. Pulse compression with very low sidelobes in an airborne rain mapping radar 59555
Tanner, A. *see* Li, F. 77360
Tanner, D.B. *see* Carr, G.L. 66350
Tanner, M.O. *see* Carns, T.K. 71138
Tanner, N.W. *see* Boardman, R.J. 55528
Tanner, R.J. *see* Marshall, T.O. 88598
Tanno, H. *see* Tanaka, K.H. 76567
Tanno, K. *see* Matsumoto, H. 92314
Tanno, N., Ichimura, T. Reproduction of optical reflection-intensity-distribution using multi-mode laser coherence 87571
Tanno, Y. *see* Ejiogu, E.C. 89929
Tanno, Y. *see* Ejiogu, E.C. 89975
Tanno, Y. *see* Karasawa, K. 50265
Tanno, Y. *see* Kutsukake, H. 52835
Tanno, Y. *see* Kutsukake, H. 97933
Tanno, Y. *see* Ono, K. 97935
Tanno, Y. *see* Sato, T. 93899
Tannock, J.D.T. Quality management systems for higher education? 60793
Tano, K. *see* Petrovic, R. 65674
Tanoi, S., Tanaka, Y., Tanabe, T., Kita, A., Inada, T., Hamazaki, R., Ohtsuki, Y., Uesugi, M. A 32-bank 256 Mb DRAM with cache and TAG 92224
Tanoi, S., Tanaka, Y., Tanabe, T., Kita, A., Inada, T., Hamazaki, R., Ohtsuki, Y., Uesugi, M. A 32-bank 256-Mb DRAM with cache and TAG 92239
Tanokami, T. *see* Kamata, K. 65197
Tanosaki, S. *see* Tanigughi, H. 94573
Tanoue, K., Kitamura, M. Field emitter array micro-triodes with electron bombarded semiconductor anode 62036
Tanoue, T., Masuda, H., Washio, K., Nakamura, T. A heterojunction bipolar transistor with an epitaxially regrown emitter 62706
Tanoue, T. *see* Matsuda, H. 55929
Tanoue, T. *see* Mochizuki, K. 70003
Tanrikulu, O. *see* Chambers, J.A. 84489
Tans, S.J. *see* Verbrugh, S.M. 66641
Tanski, W.J. *see* Carroll, R.D. 56188
Tansley, T.L. *see* Alexiev, D. 49863
Tansley, T.L. *see* Egan, R.J. 79852
Tansley, T.L. *see* Osotchan, T. 93035
Tantaratana, S., Ghanekar, S.P., Jianlin Li Multiplier-free realization for decimators in ΣΔ A/D converters 92329
Tantaratana, S. *see* Ghanekar, S. 61803
Tantaratana, S. *see* Ghanekar, S. 61804
Tantawi, S. *see* Caryotakis, G. 67156
Tantawi, S. *see* Jones, R.M. 61884
Tantawi, S. *see* Ruth, R.D. 66791
Tantawi, S.G. Mode selective directional coupler for NLC 67225
Tantawi, S.G. *see* Hantista, C. 66823
Tantawi, S.G. *see* Hoag, H.A. 66816
Tantawi, S.G. *see* Vlieks, A.E. 67011
Tantawy, A. *see* Koufopavlou, O. 65383
Tantawy, A.N., Bisdikian, C.C. Source assisted partial destination slot release in slotted networks 65042
Tantawy, A.N., Zitterbart, M. An enhanced transport service interface for emerging applications 96225
Tantawy, A.N. *see* Bisdikian, C. 52148
Tantawy, A.N. *see* Zitterbart, M. 96764
Tantolin, C., Lallemand, M., Eckes, U. Experimental study of immersion cooling for power components 54498
Tanton, G.A. *see* McDonald, J.K. 92962
Tanuma, A. *see* Matsumaru, K. 91000
Tanwar, L.S., Gupta, B., Bansal, S.C. Sensitivity enhancement of an electro-optic sensor for displacement measurement 75920
Tanzawa, T., Tanaka, Y., Tanaka, T., Nakamura, H., Oodaira, H., Sakui, K., Momodomi, M., Shiratake, S., Nakano, H., Oowaki, Y., Watanabe, S., Ohuchi, K., Masuoka, F. A quick boosting charge pump circuit for high density and low voltage flash memories 70527
Tao, C. *see* Bacci, C. 67317
Tao, C.-W., Thompson, W.E., Taur, J.S. A fuzzy logic approach to multidimensional target tracking 51535
Tao, C.-W., Thompson, W.E., Taur, J.S. A fuzzy if-then approach to edge detection 51685
Tao, G., Zeman, M., Metselaar, J.W. Accurate generation rate profiles in a-Si:H solar cells with textured TCO substrates 100587
Tao, H., Bian, Z. An orientation normalized vector quantizer for flow-like image coding 96022
Tao, J., Martinez, R. Internet access via baseband and broadband ISDN gateways 75091
Tao, J. *see* Drewery, J. 59104
Tao, K. *see* Liu, B.X. 49920
Tao, M. *see* Hill, C.W. 54918
Tao, Q. *see* Fan, M. 76680
Tao, S., Song, Z.H., Selviah, D.R. Bragg-shift of holographic gratings in photorefractive Fe:$LiNbO_3$ crystals 56943
Tao, V. *see* Nunes, M.S. 52279
Tao, X.S. *see* Gu, C.L. 89901
Tao, Z.P., Goossens, M. Synthesizing communication protocol converter: a model and method 51859
Tao Chen, Takagi, M. Rainfall prediction of geostationary meteorological satellite images using artificial neural network 77377
Tao Chen *see* Chang Jiang Zhan 100375
Tao Chen *see* Hong Chen 74209
Tao Chen *see* Chen Tao
Tao Deyuan *see* Luo Yisheng 88081
Tao Huang *see* Zhijin Jiang 67394
Tao Jiang *see* Jiang Tao
Tao Jianming *see* Jianming Tao
Tao Jingxin *see* Jingxin Tao
Tao Jun-Wu *see* Jun-Wu Tao
Tao Lan, Jiang Jiguang, Xiao Dachuarn Artificial neural networks for transient stability assessment of power system 77979
Tao Li, Yuan Yan Tang, Klasa, S. Systolizing the covariance analysis of linear predictive coding 84166
Tao Luo *see* Luo Tao
Tao Pei De *see* Pei De Tao
Tao Ran *see* Tong Guangqiu 60922
Tao Wang *see* Xiao Su 74422
Tao Wang *see* Wang Tao
Tao Xin *see* Xin Tao
Tao Xu *see* Xiangxin Zhong 64326
Tao Yang Blind signal separation using cellular neural networks 95476
Tao Yang, Hui Li The M/G/1 retrial queue with the server subject to starting failures 48747
Tao Young Choi *see* Jae Hoon Ahn 74811
Tao Yuming *see* Li Xingguo 86580
Tao Zhou *see* Zhou Tao
Taoka, H., Iyoda, I., Noguchi, H., Sato, N., Nakazawa, T., Yamazaki, A. Real-time digital simulator with digital/analog conversion interface for testing power instruments 53641
Taoka, H., Iyoda, I., Noguchi, H., Sato, N., Nakazawa, T., Yamazaki, A. Real-time digital simulator with digital/analog conversion interface for testing power instruments 78242
Taouk, M. *see* Honsberg, C.B. 100577
Taouk, M. *see* Zhao, J. 100728
Tapfer, L. *see* Cingolani, R. 72808
Tapia, A. *see* Florez, J. 59866
Tapia, J.M. *see* Caldern, J.C. 96787
Tapia, M.A. *see* Tucker, J.H. 85256
Tapiamacioglu, M.C. *see* Bouziane, A. 50122
Tapio, E. *see* Minemura, T. 98849
Tapiovaara, M.J. *see* Sandborg, M. 88477
Taplamacioglu, M.C. *see* Bouziane, A. 50121
Taplin, S.R. *see* Podoleanu, A.G. 73186
Taplin, S.R. *see* Podoleanu, A.G. 90828
Tapp, F. *see* Carr, P. 62342
Tappe, T. *see* Schmiedeskamp, B. 56504
Tappel, H. *see* Jackman, J. 81163
Tapper, R.J. *see* Galagedera, S.B. 88240
Tapper, R.J. *see* Galagedera, S.B. 98670
Tapper, R.J. *see* Morgado, C.J.S. 88239
Tapper, R.J. *see* Morgado, C.J.S. 98581
Tappern, G. *see* Wells, K. 88090
Tapping, R. Supporting CANDU steam generators 53882
Tapson, J., Greene, J.R., Ball, A. Improved scanning tunneling microscope feedback performance by means of separate actuators 71060
Tapster, P.R. *see* Owens, P.C.M. 94272
Tapupere, O. *see* Oidram, R. 89342
Taqqu, D. *see* Shi, M. 87665
Taqqu, D. *see* Waeber, W.B. 87938
Taqqu, M.S. *see* Leland, W.E. 58125
Tarabanis, K., Tsai, R.Y., Allen, P.K. Analytical characterization of the feature detectability constraints of resolution, focus, and field-of-view for vision sensor planning 58832
Tarach, D., Trenkler, G. Calibration of inductive voltage dividers at extremely low frequencies 86948
Tarafder, G. *see* Sen, A.K. 59547
Tarakanov, E.A. *see* Lemanov, V.V. 56149
Tarakanov, E.A. *see* Martin, G. 82217
Tarakanov, E.A. *see* Vainakht, M. 56170
Tarakanov, V.P. *see* Ignatov, A.M. 62069
Taran, A. *see* Rybakov, E. 76657
Taranenko, N.L., Kazovsky, L.G., Taranenko, Y.N. Three-wave envelope solitons: possibility of controlling the speed of light in fiber 72336
Taranenko, Y.N. *see* Taranenko, N.L. 72336
Taranov, I.V. *see* Chernavskiy, D.S. 92985
Taranov, V.B. *see* Katyukha, V.P. 53256
Taranto, G.N., Chow, J.H., Othman, H.A. Robust redesign of power system damping controllers 89038
Taranto, G.N. *see* Othman, H.A. 68107
Tarantola, S. *see* Antonopoulos-Domis, M. 89507
Tarascon, J.-M. *see* Guyomard, D. 90366
Tarascon, J.M., Guyomard, D. New electrolyte compositions stable over the 0 to 5 V voltage range and compatible with the $Li_{1+x}Mn_2O_4$/carbon Li-ion cells 90362
Tarascon, J.M. *see* Guyomard, D. 90356
Tarascon, R.G., Novembre, A.E., Tai, W.W., Fetter, L.A., Kometani, J.M., Nalamasu, O. Comparison of the lithographic characteristics of a t-BOC based chemically amplified resist system under deep UV and electron-beam exposures 81635
Tarasenko, A. *see* Bar'yakhtar, V. 67407
Tarasenko, A. *see* Efimov, S. 76546
Tarasenko, V.F. *see* Boichenko, A.M. 78993
Tarasenko, V.F. *see* Fedenev, A.V. 63639
Tarasenko, V.F. *see* Fyodorov, A.I. 94349
Tarasenko, V.F. *see* Mel'chenko, S.V. 63638
Tarasenko, V.F. *see* Nagorny, D.Yu. 94356
Tarasewicz, S.W., Horner, R.A. Development of the test insert generating expert routine (TIGER) for BiCMOS technologies 63030
Tarashansky, V.A. *see* Belolaptikov, I.A. 59156
Taraskin, S.N. *see* Klinger, M.I. 92974
Tarasov, A.E. *see* Anisimov, V.A. 69084
Tarasov, I.S. *see* Berishev, I.E. 72793
Tarasov, I.S. *see* Boroditskii, M.L. 50814
Tarasov, I.S. *see* Boroditskii, M.L. 54967
Tarasov, M.A. *see* Prokopenko, G.V. 93930
Tarasov, O.B. *see* Fomichev, A.S. 53328
Tarasov, S.A. *see* Konopel'ko, V.K. 64281
Tarasova, N.M. *see* Askaryan, G.A. 67881
Tarasova, O.L., Kotlyar, V.G., Saranin, A.A., Khramtsova, E.A., Lifshits, V.G. Electron-stimulated nitridation of Si(100) in pure ammonia 49913
Tarasova, S.L., Komlyar, V.G., Saranin, A.A., Khramtsova, E.A., Lifshits, V.G. Electron-stimulated nitridation of Si(100) in ammonia atmosphere 55766
Tarasovskii, A.N. *see* Kirpichnikov, G.A. 76286
Tarassenko, I., Roberts, S. Supervised and unsupervised learning in radial basis function classifiers 84820
Tarassenko, L., Tombs, J., Cairns, G. On-chip learning with analogue VLSI neural networks 49607
Tarassenko, L. *see* Marshall, G.F. 80534
Taratin, A. *see* Carrigan, R.A., Jr. 59039
Taratin, A. *see* Tsyganov, E. 76609
Taratin, A. *see* Tsyganov, E. 87857
Taratorin, A.M., Sideman, S. Signal reconstruction from noisy-phase and -magnitude data 84241
Taratuta, I.P., Nechaev, O.P. Russian experience and prospects for static VAr compensation 68031
Tarazona, E., Elleaume, P., Chavanne, J., Hartman, Ya.M., Snigirev, A.A., Snigireva, I.I. 2D imaging of an undulator source by phase circular Bragg-Fresnel lens 67412
Tarbaev, N.I. *see* Sochinskii, N.V. 81455
Tarbeyev, Yu.V., Kravchenko, S.A., Koltik, E.D. A unified principle for establishing a phase shift standard for frequencies ranging from high to ultra-low combining two types of phase (frequency) division 86925
Tarbox, E. *see* Hewak, D.W. 56726
Tarbox, E.J. *see* Roba, G.M. 50760
Tarbox, R.A. *see* Campbell, R.L. 62934
Tarczynski, W., Bolanowski, B., Hejman, T. Simulation of arc motion in rail electrode system 90233
Tarczynski, W., Gawrylczyk, K.M., Gramz, M., Kiolkowski, M. Arc spot trajectory on a steel plate of extinguishing chamber 90214
Tardajos, G., Gaitano, G.G., Montero de Espinosa, F.R. Accurate, sensitive, and fully automatic method to measure sound velocity and attenuation 87610
Tardelli, J.D., Gatewood, P.D., Kreamer, E.W., La Follette, P.A. The benefits of multi-speaker conferencing and the design of conference bridge control algorithm 85910
Tardif, F. *see* Mouche, L. 62481
Tardio, G. *see* Buehler, M.G. 62980
Tardivel, J. *see* Seite, P. 52398
Tardos, G. Multi-prover encoding schemes and three-prover proof systems 73612
Tardos, J.D. *see* Neira, J. 51723
Tarduqno, J. New arresters eliminate old failures 78218
Tardy, A. *see* Bouilleret, D. 87242
Tardy, H.L. *see* Ruby, D.S. 100632
Tardy, J. *see* Rojo-Romeo, P. 56038
Targ, R. *see* Otto, R.G. 77181
Targett, D. *see* Farbey, B. 75812

Targowski, A.S. *see* Janczewski, L.J. 65125
Taricco, G., Biglieri, E., Castellani, V. Applicability of four-dimensional modulations to digital satellites: a simulation study 75376
Tarkhanian, R.G. Propagation of surface polaritons and total electromagnetic wave transmission through layered structures 57072
Tarkka, R.M., Talbot, M.E., Brady, D.J., Schuster, G.B. Holographic storage in a near-IR sensitive photochromic dye 64007
Tarkovsky, E. *see* Arrington, K. 88112
Tarkovsky, E. *see* Arrington, K. 98564
Tarkovsky, E. *see* Young, K.G. 76765
Tarkoy, F. *see* Rupf, N. 74661
Tarle, G. *see* Ahlen, S.P. 59097
Tarle, G. *see* Crawley, H.B. 59209
Tarle, G. *see* Nutter, S. 88234
Tarle, G. *see* Nutter, S. 98697
Tarlov, M.J. *see* Gillen, G. 71542
Tarnanen, K. *see* Karkkainen, K.H.A. 64308
Tarnay, F.B. *see* Calvert, J.D. 66495
Tarnay, K., Masszi, F., Poppe, A., Verhas, P., Kocsis, T., Kohari, Zs. A 3D Monte Carlo semiconductor device simulator for submicron silicon MOS transistors 55061
Tarnay, K. *see* Varga, L.Z. 51835
Tarng, J.H., Chen, G.M. Recovery of laser beam in a turbulent amplifier by phase conjugation 72998
Tarng, Y.S., Hseih, Y.W., Hwang, S.T. An intelligent sensor for monitoring milling cutter breakage 66313
Tarnick, S. Controllable self-checking checkers for conditional concurrent checking 49381
Tarnopolsky, G.J. *see* Ranjan, R. 63181
Tarof, L.E., Yu, J., Bruce, R., Knight, D.G., Baird, T., Visvanatha, K., McGhan, D., Emmerstorfer, B., Ma, C.L.F., Maritan, C.N., Miner, C.J. Design and whole wafer performance of separate absorption, grading, charge and multiplication InP-InGaAs avalanche photodiodes 72602
Tarof, L.E. *see* Ma, C.L.F. 97278
Tarof, L.E. *see* Yu, J. 56546
Tarof, L.E. *see* Yu, J. 72603
Taroni, A. *see* Docchio, F. 94152
Taroni, A. *see* Marioli, D. 87163
Taroni, A. *see* Marioli, D. 97762
Taroni, A. *see* Ranucci, E. 52824
Tarouco, L.M.R. *see* Madruga, E.L. 85529
Tarovik, M.N. *see* Dolinsky, A.V. 87852
Tarpey, J.W. *see* Banker, W.A. 78095
Tarr, N.G. *see* Xu, D.-X. 62696
Tarraf, A.A., Habib, I.W., Saadawi, T.N. A novel neural network traffic enforcement mechanism for ATM networks 85527
Tarraf, A.A., Habib, I.W., Saadawi, T.N. Characterization of packetized voice traffic in ATM networks using neural networks 85907
Tarraf, A.A., Habib, I.W., Saadawi, T.N., Ahmed, S.A. ATM multimedia traffic prediction using neural networks 96796
Tarrant, D., Ermer, J. I-III-VI_2 multinary solar cells based on $CuInSe_2$ 100488
Tarrant, D. *see* Fredric, C. 100499
Tarrant, D. *see* Killen, A. 67955
Tarrant, D. *see* Killen, A. 87146
Tarrant, D. *see* Knapp, K.E. 100706
Tarrant, D.E. *see* Jensen, C.L. 100657
Tarrant, P. Evolution of 100 Mbit/s Ethernet 85695
Tarricone, L. *see* Bianchini, P. 73862
Tarrio, C., Watts, R.N., Lucatorto, T.B., Haass, M., Calcott, T.A., Jia, J. The new NIST/ARPA National Soft X-ray Reflectometry Facility 67402
Tarrio, C. *see* Haass, M. 88287
Tarrius, A. *see* Lagage, P.-O. 66431
Tarroja, M.F.H. *see* Slekys, G. 63676
Tarroja, M.F.H. *see* Slekys, G. 94361
Tarroux, P. *see* Andrey, P. 57864
Tarry, H.A. *see* Wilks, S.P. 81359
Tarsia, M. *see* Lee, K.F. 93613
Tarsia, M. *see* Liu, T.M. 82092
Tarsia, M.J. *see* Swartz, R.G. 75484
Tartarelli, F. *see* Amidei, D. 98639
Tartarini, G. *see* Chen, S. 63452
Tarte, E.J. *see* Ghyselen, B. 82382
Tartler, D. *see* Brodersen, K. 90899
Tartwijk, G.H.M.van *see* van Tartwijk, G.H.M.
Tarucha, S., Hirayama, Y., Saku, T., Tokura, Y. One- and zero-dimensional tunneling diodes fabricated by focused ion beam implantation 71591
Tarucha, S. *see* Bever, T. 62178
Tarucha, S. *see* Bever, T. 62876
Tarucha, S. *see* Fujisawa, T. 50049
Tarucha, S. *see* Saku, T. 93039
Tarui, H. *see* De, S.C. 91580
Tarui, H. *see* Maruyama, E. 100528
Tarui, H. *see* Sawada, T. 100524
Tarui, H. *see* Sawada, T. 100588
Tarui, H. *see* Sayama, K. 100595
Tarui, Y. *see* Hirai, T. 93064
Tarui, Y. *see* Nagayoshi, H. 55753
Tarui, Y. *see* Sawado, Y. 48968
Tarui, Y. *see* Shichi, Y. 93708
Tarui, Y. *see* Shinohara, T. 71630
Tarui, Y. *see* Tanimoto, S. 54940
Tarui, Y. *see* Ueno, T. 48972
Taruishi, J. *see* Murasugi, K. 58083
Tarun Soni *see* Kay-Cheung Chew 74186
Tarusawa, Y., Yamao, Y., Saito, S. Digital loop-preset synthesizer (DLPS) for high-speed frequency switching 55155
Tary, J. Guidelines for doing a telecommunications audit 85438
Tas, P. *see* Ariztizabal, F. 98518
Tasaka, S., Sasaki, Y., Okazawa, H., Nakagawa, M. Development of an underwater radon detector 53547
Tasaka, S., Toyama, T., Inagaki, N. Ferro- and pyroelectricity in amorphous polyphenylethernitrile 93745
Tasaka, S. *see* Fuwa, Y. 65299
Tasaka, S. *see* Nagano, H. 96607
Tasch, A.F., Maziar, C.M. A case study of successful university-government-industry microelectronics partnership 54344
Tasch, A.F. *see* Agostinelli, V.M., Jr 62767
Tasch, A.F. *see* Agostinelli, V.M., Jr. 93369
Tasch, A.F. *see* Lim, D.H. 93119
Tasch, A.F. *see* Shyh-Horng Yang 81440
Tasch, A.F. *see* Wang, X.L. 62644
Tasch, A.F., Jr. *see* Hasnat, K. 55964
Tascillo, M.A. *see* Skormin, V.A. 58392
Tascone, R. *see* Orta, R. 58467
Tasei, K. *see* Yamada, K. 77743
Tasell, D.J.Van *see* Van Tasell, D.J.
Tasgal, R.S. *see* Malomed, B.A. 63413
Tashiro, H. *see* Satoh, S. 61696
Tashiro, H. *see* Yoshikawa, K. 87506
Tashiro, I. *see* Ishimoto, R. 68451
Tashiro, M. Frame relay service 'JENSNET-FR' 51775
Tashiro, T. *see* Cho, Y. 55288
Tashiro, T. *see* Imai, K. 71828
Tashiro, T. *see* Sato, F. 61662
Tashiro, T. *see* Sato, F. 81824
Tashiro, T. *see* Soda, M. 97327
Tashiro, T. *see* Takemura, H. 50076
Tashtanbajev, N.O. *see* Tetyorkin, V.V. 58754
Tasi Ming-Jye *see* Ming-Jye Tasi
Tasic, J. *see* Burnik, U. 74295
Tasic, J. *see* Gusev, M. 61168
Task, H.L. *see* Donohue-Perry, M.M. 67682
Tasker, P.J. *see* Schlechtweg, M. 80787
Tasker, P.J. *see* Weisser, S. 63863
Tasker, P.J. *see* Weisser, S. 72916
Tasker, P.J. *see* Weisser, S. 94517
Tasker, S. Telephone company line protection 58273
Tasker, S. Knowledge-based EDA for EMC 80064
Tasker, S.C., Sekulic, Z. Adopting multichip-module technology 69576
Taskiran, C., Anarim, E., Sankur, B. On classification of airplane images for automatic target recognition 74275
Tasmagulov, I.D. *see* Vasil'ev, B.I. 94328
Taso Hen-Wei *see* Hen-Wei Taso
Taspinar, N. Type-I hybrid SW ARQ scheme using sequential decoding with code combining and the code comparing technique 73609
Tassano, J.B. *see* DeLoach, L.D. 94392
Tassano, J.B. *see* Payne, S.A. 72720
Tassi, A. *see* Battistini, L. 63160
Tassini, E. *see* Capurro, M. 85705
Tassis, D.H. *see* Dimitriadis, C.A. 56009
Tassis, D.H. *see* Dimitriadis, C.A. 81875
Tassiulas, L. Link-level scheduling for network-level performance 64931
Tassiulas, L., Georgiadis, L. Any work-conserving policy stabilizes the ring with spatial reuse 64898
Tassiulas, L., Yao Chung Hung, Panwar, S.S. Optimal buffer control during congestion in an ATM network node 96173
Tassiulas, L. *see* Papavassiliou, S. 65641
Tassiulas, L. *see* Papavassiliou, S. 97058
Tassoni, C. *see* Filippetti, F. 68597
Tassotto, G. Beam profile monitors used in the Fermilab fixed target beamlines 98476
Tassou, S.A., Qureshi, T.Q. Performance of a variable-speed inverter/motor drive for refrigeration applications 90679
Tastet, P., Garnier, J., Constans, H., Tizon, A.H. Burnout sensitivity of power MOSFETs operating in a switching converter 70286
Tastet, P. *see* Roubaud, F. 71644
Tastet, P. *see* Vadrot, J.F. 71654
Tat, N. *see* Haduong, T. 58163
Tat, T.N. RACE testbeds and interconnection 75066
Tat Tsui Hung *see* Hung Tat Tsui
Tat-Keung Chan, Tak-Shing Peter Yum Active node placement in ShuffleNets 65320
Tat-Kwan Yu, Yu, C.C., Orlowski, M. A statistical polishing pad model for chemical-mechanical polishing 93174
Tat-Wai Chan *see* Chan Tat-Wai
Tatalian, K. *see* Danielian, E. 61144
Tatam, R.P. *see* Atcha, H. 66779
Tatam, R.P. *see* Charters, R.B. 52611
Tatara, N. *see* Kobayashi, Y. 58251
Tatard, M., Lenormand, R., Raguenet, G. Active antenna architectures for a mobile communications satellite 57293
Tatarenko, L.N. *see* Syrkin, L.N. 59608
Tatarenko, S. *see* Baron, T. 81420
Tatarenko, S. *see* Bassani, F. 62254
Tatarenko, S. *see* Eymery, J. 69924
Tatarenkov, V.M. *see* Domnin, Yu.S. 87567
Tatarkin, V.T. *see* Skrypnik, L.V. 57308
Tatashev, A.G. A queueing system with invariant state probabilities 69678
Tatashev, A.G. A $GI/H_R/1/0$ queue in which the longest job is lost 96191
Tatashev, K. Optimization of the operation of an unreliable multiple-state device 91140
Tatchya, R. A field-based technique for the longitudinal profiling of ultrarelativistic electron or positron bunches down to lengths of $\leqslant$10 microns 76591
Tatchyn, R. Selected applications of planar permanent magnet multipoles in FEL insertion device design 50887
Tatchyn, R. Photon pulse filtering and modulation based on the extreme temporal compression and correlated energy spread of the electron bunches in the SLAC Linac Coherent Light Source (LCLS) 63876
Tatchyn, R. Infrared (IR) vs. X-ray power generation in the SLAC Linac Coherent Light Source (LCLS) 63877
Tatchyn, R., Boyce, R., Halbach, K., Nuhn, H.-D., Seeman, J., Winick, H., Pellegrini, C. Design considerations for a 60 meter pure permanent magnet undulator for the SLAC Linac Coherent Light Source (LCLS) 63889
Tatchyn, R., Pianetta, P. X-ray beam lines and beam line components for the SLAC Linac Coherent Light Source (LCLS) 63875
Tatchyn, R. *see* Cobb, J. 87748
Tatchyn, R. *see* Green, M.A. 87749
Tatchyn, R. *see* Winick, H. 63870
Tatchyn, R. *see* Winick, H. 83178
Tate, A. *see* Chen, Y.K. 72896
Tate, A. *see* Chen, Y.K. 92546
Tate, A. *see* Froberg, N.M. 50820
Tate, D.M., Smith, A.E. Expected allele coverage and the role of mutation in genetic algorithms 57379
Tate, J.P., Hezhong Guo, Naiman, M., Leemian Chen, Granatstein, V.L. Experimental proof-of-principle results on a mode-selective input coupler for gyrotron applications 92896
Tate, M.W. *see* Gruner, S.M. 59234
Tate, N. *see* Ogita, Y. 81210
Tate, S.R. Band ordering in lossless compression of multispectral images 57902
Tate, T.J. *see* Syms, R.R.A. 82647
Tateda, H., Naruse, H., Ide, A., Nobiki, A. Integration of overlapping maps made by stereo vision using view field information 74482
Tateda, M. *see* Nobiki, A. 64706
Tateda, M. *see* Tajima, K. 50442
Tateiba, M., Teshima, O., Daima, M. The computer simulation of the pulse train received by satellite altimeters—in the case of three-dimensional ocean waves 67853
Tateiba, M. *see* Fujisaki, K. 77705
Tateishi, H. *see* Arai, K. 82443
Tateishi, R. *see* Perera, L.K. 67915
Tatem, P. *see* Whitesel, H.K. 52912
Tatematu, K. *see* Hamabe, R. 65263
Tateno, F. *see* Nishimoto, T. 99705
Tateno, Y. *see* Yamamoto, S. 84923
Tateoka, K., Sugimura, A., Furukawa, H., Yuri, M., Yoshikawa, N., Kanazawa, K. A GaAs MCM power amplifier of 3.6 V operation with high efficiency of 49% for 0.9 GHz digital cellular phone systems 92524
Tateoka, K. *see* Makioka, S. 80782
Tateyama, T. *see* Kawamura, A. 70508
Tatezono, F. *see* Tsujioka, T. 94049
Tatham, M.C., Gu, X., Westbrook, L.D., Sherlock, G., Spirit, D.M. Transmission of 10 Gbit/s directly modulated DFB signals over 200 km standard fibre using mid-span spectral inversion 75511
Tatham, M.C. *see* Uskov, A. 73100
Tatic-Lucic, S., Yu-Chong Tai Novel extra-accurate method for two-sided alignment on silicon wafers 62597
Tatoian, J. *see* Dutt, R.B. 83628
Taton, M. *see* Wagner, D. 90591
Tatsaki, A., Burekas, B., Goutis, C. Efficient bit-serial VLSI implementation of the 4×4-point discrete cosine transform 80394
Tatsenko, O.M. *see* Pavlovskii, A.I. 83452
Tatsenko, V.G., Borisov, E.V. Quasioptimum estimation of nonlinear transformation of a normal random process 57490
Tatsis, G.P. *see* Splinter, R. 67463
Tatsukawa, M. *see* Ikuta, S. 63657
Tatsukawa, T. *see* Idehara, T. 62093
Tatsukawa, T. *see* Idehara, T. 62105
Tatsumi, D. *see* Saitoh, Y. 88124
Tatsumi, D. *see* Saitoh, Y. 98580
Tatsumi, M. *see* Fujiwara, S. 91416
Tatsumi, T., Fukuda, S., Kadomura, S. Radiation damage of SiO_2 surface induced by vacuum ultraviolet photons of high-density plasma 55809
Tatsumi, T. *see* Hiroi, M. 55816
Tatsumi, T. *see* Imai, K. 71828
Tatsumi, T. *see* Kamiyama, S. 93536
Tatsumi, T. *see* Noda, K. 71700
Tatsumi, T. *see* Sato, F. 61662

Tatsumi, T. *see* Sato, F. 81824
Tatsumi, T. *see* Soda, M. 97327
Tatsumi, T. *see* Watanabe, H. 61719
Tatsuno, H. *see* Kajiyama, Y. 58432
Tatsuno, K. *see* Ito, K. 83248
Tatsuo Itoh *see* Jenshan Lin 95017
Tatsuoka, H., Durose, K., Funaki, M. XTEM observations of MOVPE grown $(Hg_xMn_{1-x})Te$ epilayers 79834
Tatsuoka, H. *see* Kuwabara, H. 61319
Tatsuoka, S. *see* Kawase, Y. 83555
Tatsuta, F., Tadokoro, M. Chaotic behavior in parametric oscillations 55105
Tatsuta, M., Yamanaka, E., Nishizawa, J. High frequency-high power static induction transistor 62770
Tatsuta, T. *see* Mito, H. 71518
Tatsuyama, C. *see* Fujita, K. 61237
Tatti, S. *see* Perera, A.H. 62551
Tatum, J.A., Staszewski, R., MacFarlane, D.L., Serreze, H.B. Beam quality of high-power broad-area visible diode lasers 94571
Taub, S.R., Young, P. Temperature dependent performance of coplanar waveguide (CPW) on substrates of various materials 80568
Taub, S.R. *see* Simons, R.N. 73566
Taub, S.R. *see* Yang, D. 61903
Taube, W. *see* Bayer, W. 59835
Taubenblatt, M.A. *see* Batchelder, J.S. 62360
Tauber, D., Spickermann, R., Nagarajan, R., Reynolds, T.E., Holmes, A.L., Jr., Bowers, J.E. Distributed microwave effects in high speed semiconductor lasers 83138
Tauber, D. *see* Nagarajan, R. 94493
Taubes, C.H. *see* Ping Liang 51588
Taubig, K. *see* De Smedt, A. 65434
Taubin, G., Cukierman, F., Sullivan, S., Ponce, J., Kriegman, D.J. Parameterized families of polynomials for bounded algebraic curve and surface fitting 51590
Taubitz, G. Integrated optical sensors 76006
Taubkin, I.I., Trishenkov, M.A., Vasilchenko, N.V. Minimum temperature difference detected by the thermal radiation of objects 75974
Taubkin, I.I. *see* Fouks, B.I. 58758
Taubman, D., Zakhor, A. Orientation adaptive subband coding of images 74330
Taubman, D., Zakhor, A. Multirate 3-D subband coding of video 84769
Taubman, D., Zakhor, A. Rate- and resolution-scalable video and image compression with subband coding 95969
Tauchi, T., Yokoya, K., Pisin Chen Pair creation from beam-beam interaction in linear colliders 98386
Taudt, W., Schneider, A., Heuken, M., Fricke, C., Hoffmann, A. Low temperature growth and plasma enhanced nitrogen doping of ZnSe by metalorganic vapour phase epitaxy 70000
Taudt, W. *see* Hoffmann, A. 71303
Tauermann, T. *see* Frerichs, C. 56657
Taumberger, F. *see* Achatz, V. 94315
Taunay, T., Niay, P., Bernage, P., Xie, E.X., Poignant, H., Boj, S., Delevaque, E., Monerie, M. Ultraviolet-induced permanent Bragg gratings in cerium-doped ZBLAN glasses or optical fibers 82583
Taunay, T. *see* Poignant, H. 72788
Taung-Pao Lin, Yao-Tzung Wang Design and analysis of an adapter for heterogeneous subsystems interconnection in an ATM hub 65529
Tauqir, W. *see* Mussman, H. 75424
Taur, J.S., Kung, S.Y. Prediction-based networks with ECG application 67591
Taur, J.S., Kung, S.Y. Fuzzy-decision neural networks 70809
Taur, J.S. *see* Kung, S.Y. 64437
Taur, J.S. *see* Tao, C.-W. 51535
Taur, J.S. *see* Tao, C.-W. 51685
Taur, Y., Cohen, S., Wind, S., Lii, T., Hsu, C., Quinlan, D., Chang, C., Buchanan, D., Agnello, P., Mii, Y., Reeves, C., Acovic, A., Kesan, V. High transconductance 0.1 μm pMOSFET 62851
Taur, Y., Wind, S., Mii, Y.J., Lii, Y., Moy, D., Jenkins, K.A., Chen, C.L., Coane, P.J., Klaus, D., Bucchignano, J., Rosenfield, M., Thomson, M.G.R., Polcari, M. High performance 0.1 μm CMOS devices with 1.5 V power supply 93612
Taur, Y. *see* Mii, Y. 71677
Taur, Y. *see* Mii, Y. 71804
Taur Yuan *see* Yuan Taur
Taureg, H. *see* Fanti, V. 76788
Tauritz, J.L. *see* de Vreede, L.C.N. 55424
Tauritz, J.L. *see* de Vreede, L.C.N. 93322
Taurok, A. *see* Beier, T. 53305
Taurok, A. *see* Grafstrom, P. 76786
Taurok, T. *see* Fanti, V. 76788
Tauschwitz, A. *see* Winkler, M. 76564
Taussig, C., Elder, R. Calibration of DDS servo tracking error signals 50360
Tauzin, G. *see* Authier, M. 59133
Tavakley, R. *see* Arneson, D. 52126
Tavangarian, D. *see* Elm, C. 49448
Tavangarian, D. *see* Koch, M. 49103
Tavares, F.A. *see* Bendz, G.A. 79278
Tavares, J., Bender, H., Lauwers, A., Maex, K., Van Rossum, M. TEM investigation of ion beam synthesized buried $FeSi_2$ in (001) silicon 81353
Tavares, P.F. Bremsstrahlung detection of ions trapped in the EPA electron beam 98483
Taveira Blomenhofer, E. *see* Blomenhofer, H. 65976
Tavella, P. *see* Godone, A. 86932
Tavera, L. *see* Balcazar, M. 88171
Tavergnier, J.P. *see* Verhaege, T. 89292
Taverner, D. *see* Laming, R.I. 82580
Tavernier, S. *see* Zhang Shuping 88091
Tavian, L. *see* Benda, V. 94030
Tavian, L. *see* Rossi, L. 94021
Tavlet, M., Leon Florian, M.E. Dose and neutron-fluence measurements in mixed gamma-neutron fields by means of semi-conductor dosimeters 76772
Tavlet, M. *see* Rosenfeld, A. 88583
Tavlet, M. *see* Rosenfeld, A. 99024
Tavora, L.M.N. *see* dos Santos, J.M.F. 98543
Tavrin, Y., Zhang, Y., Wolf, W., Braginski, A.I. A second-order SQUID gradiometer operating at 77 K 56250
Tavrov, A.V., Tychinsky, V.P. Wavefront dislocations and phase image formation inside diffraction spot 73166
Tawa, T. *see* Fukuda, H. 62615
Tawada, Y. *see* Asaoka, K. 100600
Tawada, Y. *see* Nevin, W.A. 93245
Tawada, Y. *see* Yamamoto, K. 91470
Tawara, H. *see* Miyajima, M. 59117
Tawbi, W., Horlall, E. Expression and management of QoS in multimedia communication systems 74845
Tawfik, A., El-Guibaly, F., Agathoklis, P. Efficient systolic implementation of fixed-point state-space digital filter 84573
Tawfik, A. *see* Abdel-Raheem, E. 92391
Tawfik, M.S., Wittmann, A., Senn, P. A novel architecture and design technique for phase-equalized low-sensitivity digital LDI ladder filters 80493
Tawfik, T. *see* Tsatsaronis, G. 60109
Tawfik, T. *see* Tsatsaronis, G. 60110
Tawil, M.A.El *see* El Tawil, M.A.
Taxt, T. *see* Hokland, J.H. 53391
Taxt, T. *see* Solberg, A.H.S. 77321
Taxt, T. *see* Strand, J. 84936
Tay, A.A.O., Tan, G.L., Lim, T.B. Predicting delamination in plastic IC packages and determining suitable mold compound properties 82005
Tay, C.J., Shang, H.M., Xu, C.L. A PC-based laser vision system for plastic strain determination 61446
Tay, S.Y. *see* Kam, P.Y. 65678
Tay, T.E. *see* Shang, H.M. 49038
Tayag, T.J., Batchman, T.E., Sluss, J.J., Jr. Electric-field dependence of the photocarrier hopping mobility in bismuth silicon oxide 82799
Tayama, T. *see* Sakakibara, T. 97975
Tayanaka, H. *see* Ishida, M. 69987
Tayaoka, A. *see* Yoshida, Y. 52796
Tayeb, G. *see* Maystre, D. 94794
Tayebati, P., Gomatam, B.N., Jauniskis, L. Optical modulation and bistability using bulk Franz-Keldysh effect in GaAlAs-GaAs-Ag asymmetric Fabry-Perot device structures 94179
Tayler, D. *see* Leathard, A.D. 67576
Taylor, A. *see* Laughton, M.A. 59752
Taylor, A.G. The role of the Incorporated Engineer—present and future 69385
Taylor, A.J. *see* Kane, D.J. 72995
Taylor, A.J. *see* Rodriguez, G. 72744
Taylor, A.J. *see* Rodriguez, G. 73116
Taylor, A.S. *see* Bathey, B.R. 100622
Taylor, B., Lo, C.C., Baptiste, K., Guigli, J., Julian, F. The ALS storage ring RF system 67177
Taylor, B. *see* Lo, C.C. 67228
Taylor, B. *see* Varga, B. 70433
Taylor, B.E. IGBT short circuit behaviour and protection 50022
Taylor, B.G. Multichannel optical fiber distribution system for LHC detector timing and control signals 75518
Taylor, B.G. Optical timing, trigger and control distribution for LHC detectors 86349
Taylor, B.G. Optical timing, trigger and control distribution for LHC detectors 98681
Taylor, C. *see* Astley, S. 59271
Taylor, C. *see* Wang, S.-T. 82477
Taylor, C.D. *see* Donohoe, J.P. 51208
Taylor, C.D. *see* Younan, N.H. 57231
Taylor, C.D., Jr. *see* Elsherbeni, A.Z. 83831
Taylor, C.E. *see* Scanlan, R.M. 82411
Taylor, C.E. *see* Tiltges, D.L. 69261
Taylor, C.J. *see* Bailes, D.R. 84663
Taylor, C.J. *see* Cootes, T.F. 64822
Taylor, C.J. *see* Lanitis, A. 84907
Taylor, D., Evans, P.S.A., Pritchard, T.I. Testing for functional defects in embedded digital-to-analogue converters using dynamic stimuli and transient response analysis 80408
Taylor, D. *see* Binns, R.J. 70773
Taylor, D. *see* Ulloa, J. 75256
Taylor, D.G. *see* Khayatian, A. 90162
Taylor, D.G. *see* Shouse, K.R. 60196
Taylor, D.G. *see* Shouse, K.R. 89872
Taylor, D.J. *see* Alberta, E.F. 50144
Taylor, D.J. *see* Larsen, P.K. 82146
Taylor, D.M., Lambi, J.N. On the preparation of thin metal oxides by Langmuir-Blodgett film deposition 61323
Taylor, D.P. *see* Carlisle, C.J. 83967
Taylor, D.P. *see* Dam, W.C. 95368
Taylor, D.P. *see* Ross, J.A.F. 74709
Taylor, D.P. *see* Van Stralen, N.A. 64315
Taylor, D.P. *see* Yang, R.H.-H. 95070
Taylor, E. *see* Hewak, D.W. 56708
Taylor, E.M. *see* Hsu, K. 63721
Taylor, E.R. *see* Abdulhalim, I. 94396
Taylor, E.R. *see* Dianov, E.M. 63969
Taylor, E.R. *see* Hewak, D.W. 56726
Taylor, E.W. Dual use of photonic components in radiation environments 67724
Taylor, F.J. *see* Smith, J.C. 49461
Taylor, G. *see* Bharj, S. 80627
Taylor, G. *see* Bharj, S. 92587
Taylor, G. *see* Loss, K. 77132
Taylor, G.C. *see* Lawler, W. 66465
Taylor, G.C. *see* Levine, P.A. 66466
Taylor, G.D. A holistic view of design for assembly techniques 80982
Taylor, G.D., English, J.R., Graves, R.J. Designing new products: compatibility with existing production facilities and anticipated product mix 90905
Taylor, G.D. *see* Malstrom, E.M. 80984
Taylor, G.D. *see* Sharchih Loh 90924
Taylor, G.E. *see* Collins, P. 91926
Taylor, G.E. *see* Manhaeve, H.A.R. 62790
Taylor, G.E. *see* Yu, S. 55148
Taylor, G.N. *see* Anghinolfi, F. 88228
Taylor, G.N. *see* Anghinolfi, F. 98663
Taylor, G.N. *see* Bates, S.J. 53308
Taylor, G.N. *see* Borer, K. 53347
Taylor, G.N. *see* Joubert, O. 81644
Taylor, G.N. *see* Prybyla, J.A. 71382
Taylor, G.W., Evaldsson, P.A. Temperature dependent operation of the vertical cavity surface emitting laser 94469
Taylor, G.W., Evaldsson, P.A., Vang, T., Kiely, P.A. Inversion channel detection circuits for OE interconnect 82855
Taylor, G.W., Kiely, P.A. Short channel threshold dependence of the inversion channel heterostructure field effect transistor 93494
Taylor, G.W. *see* Kiely, P.A. 62893
Taylor, H.F. *see* Fang, S.P. 82546
Taylor, H.F. *see* Gong, X.M. 72818
Taylor, H.F. *see* Tang, Z. 94184
Taylor, J. Gaining the UK's competitive advantage through foresight 90861
Taylor, J., Olson, T., Martin, W.N. Accurate vergence control in complex scenes 84815
Taylor, J. *see* Grant, D. 80535
Taylor, J. *see* Visocchi, P. 70727
Taylor, J.A. Telecommunications infrastructure and public policy development: evidence and inference 60723
Taylor, J.E. *see* Avdeichikov, V.V. 98537
Taylor, J.H. *see* Kaspi, V.M. 66689
Taylor, J.R. *see* Barry, N.P. 94409
Taylor, J.R. *see* Chernikov, S.V. 50948
Taylor, J.R. *see* Conlon, P.J. 56658
Taylor, J.R. *see* Conlon, P.J. 94383
Taylor, J.R. *see* Dore, B. 54463
Taylor, J.R. *see* Guy, M.J. 63719
Taylor, J.R. *see* Guy, M.J. 82578
Taylor, J.R. *see* Kashyap, R. 63416
Taylor, J.R. *see* Noske, D.U. 56736
Taylor, J.R. *see* Rottwitt, K. 63382
Taylor, J.R. *see* Ruan, S. 72767
Taylor, J.R. *see* Ruan, S. 83014
Taylor, J.W. *see* Jyh-shyang Jenq 82031
Taylor, J.W. *see* Krasnoperova, A.A. 81601
Taylor, J.W. *see* Nachman, R. 81592
Taylor, J.W. *see* Pan, S. 81727
Taylor, J.W. *see* Waldo, W.G. 81590
Taylor, J.W. *see* Waldo, W.G. 81594
Taylor, J.W. *see* Wells, G.M. 88300
Taylor, K. *see* Barna, G.G. 62351
Taylor, K.G. How to make a success of quality function deployment 54562
Taylor, K.M. LAN baselines fight fires with foresight 96632
Taylor, K.N.R., Wang, J., Yue, Y., Sujito, H.B., Sun, H.B., Russell, G.J. Complex susceptibility of HTSCs in the presence of static fields 56234
Taylor, L. *see* Coleman, P. 67076
Taylor, L.L. *see* Pace, P.E. 75548
Taylor, M., Jr. *see* Bowser, R.C. 89500
Taylor, M.G. Improvement in Q with low frequency polarization modulation on transoceanic EDFA link 86326
Taylor, M.G., Penticost, S.J. Improvement in performance of long haul EDFA link using high frequency polarisation modulation 58402
Taylor, M.G. *see* Lehmann, E.D. 53373
Taylor, M.J. *see* Imthurn, G.P. 72651
Taylor, M.R.S. *see* McMeekin, S.G. 72649
Taylor, P.G. *see* Coleman, J.L. 51766
Taylor, P.G. *see* Coyle, A.J. 64999
Taylor, R. The electronic detection of fine grain in large grained electrical steels 63152
Taylor, R. Early bird catches silver lining [EMC compliance] 73377
Taylor, R. An integrity check value algorithm for stream ciphers 73745

Taylor, R., Taylor, S. Transputer hardware applications and real-time data acquisition 58647
Taylor, R. *see* Enns, M. 68292
Taylor, R. *see* Stafford, B.L. 100001
Taylor, R.H., Mittelstadt, B.D., Paul, H.A., Hanson, W., Kazanzides, P., Zuhars, J.F., Williamson, B., Musits, B.L., Glassman, E., Bargar, W.L. An image-directed robotic system for precise orthopaedic surgery 67628
Taylor, R.H. *see* Brodie, P. 60064
Taylor, R.P. *see* Bird, J.P. 55612
Taylor, R.P. *see* Clark, R.G. 83571
Taylor, R.P. *see* McElray, J.L. 78228
Taylor, R.P. *see* Strang, W.M. 89255
Taylor, R.W. *see* Bidin, A.R. 87089
Taylor, S. Making the switch to high-speed WAN services 74955
Taylor, S. Silencing the echo 86200
Taylor, S., Jones, G.R., El Kholy, S.M. Relationship between circuit-breaker performance and nozzle blocking, contact evaporation and particle production 100388
Taylor, S. *see* Bensaoula, A. 60476
Taylor, S. *see* Sallese, J.M. 71168
Taylor, S. *see* Smith, W.R. 51087
Taylor, S. *see* Taylor, R. 58647
Taylor, S.C. *see* Dixit, M.S. 88014
Taylor, S.J. *see* Zahraman, K. 100681
Taylor, S.P. *see* Gale, A.G. *(editor)* 90711
Taylor, S.S., Thomas, T.P. A 2pA/$\sqrt{\text{Hz}}$ 622 Mb/s GaAs MESFET transimpedance amplifier 91921
Taylor, T.M. *see* Ostojic, R. 82425
Taylor, W.J. *see* Perera, A.H. 93123
Taylor, W.L. *see* Bielas, M.S. 76030
Tayrani, R. *see* Anholt, R. 93333
Taysing-Lara, M. *see* Shen, H. 72441
Taysing-Lara, M. *see* Shen, H. 94183
Tayursky, V.A. *see* Aulchenko, V.M. 67341
Tazawa, S. Improvement of turn-off characteristics of semiconductor power devices by ~10 MeV light ion implantation 93133
Tazawa, S., Leon, F.A., Anderson, G.D., Abe, T., Saito, K., Yoshii, A., Scharfetter, D.L. 3-D topography simulation of via holes using generalized solid modeling 62490
Tazawa, S. *see* Shiono, N. 48730
Tazon, A. *see* Garcia, J.L. 81992
Tazzari, S. *see* Ferrario, M. 53106
Tazzari, S. *see* Minestrini, M. 67118
Tazzari, S. *see* Tazzioli, F. 67001
Tazzioli, F., Castellano, M., Ferrario, M., Kulinski, S., Minestrini, M., Patteri, P., Catani, L., Tazzari, S. Progress report on the commissioning of the LISA 25 MeV SC linac 67001
Tazzioli, F. *see* Ferrario, M. 87912
Tchang-Hee Hong *see* Ho-Sung Cho 70005
Tchang-Hee Hong *see* Jin-Hee Lee 72845
Tchen, C. *see* Pavitt, D. 69493
Tchernyshev, V. *see* Chen, M. 67340
Tchinda, M. *see* McCarthy, D.K. 83664
te Lintelo, H., Streekstra, W., Lodder, C., Popma, T. The influence of demagnetization on the magnetic after-effect of Co-Cr micro structures 50230
Te Sun Han, Verdu, S. Generalizing the Fano inequality 95051
Te Sun Han *see* Verdu, S. 95047
Te-ho Wu *see* Hong Fu 63209
Te-Kao Wu Meander-line polarizer for arbitrary rotation of linear polarization 73564
Te-Son Kuo *see* Jiue-Rou Shin 77017
Teagarden, E. Prioritization: the best networking policy 52152
Teague, C.C. *see* Fernandez, D.M. 67864
Teague, E.C., Linholm, L.W., Cresswell, M.W., Penzes, W.B., Kramar, J.A., Scire, F.E., Villarrubia, J.S., Jun, J.S. Metrology standards for advanced semiconductor lithography referenced to atomic spacings and geometry 55837
Teague, E.C. *see* Cresswell, M.W. 55838
Teague, E.C. *see* Cresswell, M.W. 81714
Teague, E.C. *see* Cresswell, M.W. 81726
Teague, S.M. *see* Kizakevich, P.N. 77012
Teahan, J. *see* Murphy, J. 64912
Teale, R. *see* Bowles, B.A. 74798
Tean-Sen Jen, Jen-Wei Pan, Nerng-Fu Shin, Jyh-Wong Hong, Chun-Yen Chang Electroluminescence characteristics and current-conduction mechanism of a-SiC:H p-i-n thin-film light-emitting diodes with barrier layer inserted at p-i interface 94282
Tean-Sen Jen, Nerng-Fu Shin, Wen-Chin Tsay, Jyh-Young Chen, Sui-Liang Ning, Jyh-Wong Hong, Chun-Yen Chang Electroluminescence of a-SiC:H p-i-n thin-film light-emitting diodes with quantum-well-injection structures 63597
Tean-Sen Jen, Shyue-Ter Leu, Tsung-Chih Chou, Jyh-Wong Hong, Chun-Yen Chang Effects of NaO-plasma treatment of a-SiO_xN_y/a-SiN_x gate insulators on electrical stability of a-Si:H thin-film transistors 71706
Teany, L.D. *see* Lukowski, T.I. 77244
Tebelak, R.M. *see* Kaufman, K.A. 90796
Tebelskis, J. Performance through consistency: connectionist large vocabulary continuous speech recognition 84024
Tecchio, L. *see* Aleksandrov, A.V. 87901
Tecchio, L. *see* Calabrese, R. 76741
Tecchio, M. *see* Anderson, B.E. 88246
Techentin, R.W., Lei, G.T., Staniszewski, A.J., Pan, G.W., Schwab, D.J., Gilbert, B.K. Analysis of heretofor unsolved electromagnetic simulation problems in high performance multichip modules and printed circuit boards: simulation and measurement of power plane noise and internal inductance 79342
Teck Chew Siou *see* Siou Teck Chew
Teck Ooi Boon *see* Boon Teck Ooi
Teck-Seng Low *see* Kuan-Teck Chang 90525
Tecker, F. *see* Brandt, D. 87724
Tecker, F. *see* Rossa, E. 76592
Tedder, R.N. A single component provides improved magamp regulator performance 63264
Tedenac, J.C. *see* Gardes, B. 54894
Tedenac, J.C. *see* Mzerd, A. 61306
Tedenac, J.C. *see* Mzerd, A. 91535
Tedenac, J.C. *see* Porowski, S. 79769
Teder, P. *see* Baier, A. 65611
Tedesco, C., Mastrapasqua, M., Canali, C., Luryi, S., Manfredi, M., Zanoni, E., Sivco, D.L., Cho, A.Y. Impact ionization and real-space transfer of minority carriers in charge injection transistors 93328
Tedesco, C. *see* Canali, C. 81827
Tedesco, C. *see* Zanoni, E. 62186
Tedesco, J.M. Holographic diffusers for LCD cockpit displays 77169
Tedijanto, T. *see* Marin, J. 96489
Tedja, S. *see* Newcomer, F.M. 67375
Tedjini, S. *see* Anh Ho Quoc 61889
Tee Chau Ngiam *see* Gupta, S.K. 65953
Tee-Hiang Cheng Bandwidth allocation in B-ISDN 65420
Teegarden, K.J. *see* Erdmann, R.K. 56718
Teeter, D., Wohlert, R., Cole, B., Jackson, G., Tong, E., Saledas, P., Adlerstein, M., Schindler, M., Shanfield, S. Ka-band GaAs HBT PIN diode switches and phase shifters 80823
Teeter, D., Wohlert, R., Cole, B., Jackson, G., Tong, E., Saledas, P., Adlerstein, M., Schindler, M., Shanfield, S. Ka-band GaAs HBT PIN diode switches and phase shifters 92609
Tefiku, F., Yamashita, E. Improved analysis method for multiport microstrip annular-ring power-dividers 49637
Tegethoff, W. *see* Maule, R. 99799
Tegetmeier, A. *see* Croll, A. 48910
Teggatz, R., Devore, J., Chen, W., Schmidt, T. PRISM power IC design aspects 49579
Teggatz, R. *see* Devore, J. 61554
Teggatz, R. *see* Schmidt, T. 49580
Teggers, S. *see* Otto, K.-W. 78277
Teghil, R., Giardini-Guidoni, A., Mele, A., Piccirillo, S., Pizzella, G., Marotta, V. Laser induced ablation and epitaxial growth of SnSe 48920
Tegopoulos, J. *see* Komeza, K. 83582
Tegopoulos, J.A. *see* Kladas, A.G. 83504
Tegopoulos, J.A. *see* Kladas, A.G. 90068
Tegopoulos, J.A. *see* Xuhui Wen 89846
Tegude, F.-J. *see* Heedt, C. 93492
Tegude, F.-J. *see* Lindner, A. 54924
Tegude, F.-J. *see* Lindner, A. 91513
Tegude, F.J. *see* Auer, U. 56043
Tegude, F.J. *see* Dickmann, J. 56010
Tegude, F.J. *see* Mertin, W. 80804
Tegude, F.J. *see* Scheffer, F. 56042
Teh, C.K. *see* Botros, N.M. 57428
Teh-Hua Ju *see* Sa-Yoon Kang 92849
Tehara, S. *see* Meagher, G. 88095
Teherani, T. *see* Turner, A. 98114
Tehrani, R., Ludeman, L.C. Signal processing using the generalized Taylor series expansion 95627
Tehrani, S. *see* Halchin, D. 81989
Tehrani, S. *see* Walther, M. 81333
Tehranipour, A. *see* van de Liefvoort, A. 91210
Tehver, J., Sui, H. Porous coatings for immersion cooling enhancement of semiconductor devices 91894
Teich, G. *see* Dietrich, E. 97237
Teich, M.C. *see* Kwong, W.C. 65843
Teichman, R.S. *see* Srivastava, A. 97394
Teichmann, B. *see* Raabe, C. 83034
Teichmann, G. *see* Rindelhardt, U. 60133
Teichmann, H.T. International standardization of letter symbols to be used in electrical technology 69659
Teichmann, J. Fluctuational crosstalk in Ti:$LiNbO_3$ directional coupler switches 63937
Teichner, D. The MPEG-2 video and audio signal encoding standard 57631
Teichner, D. The MPEG-2-standard Generic coding for moving picture and accompanying audio-information. Main profile: core of the MPEG-2-video standards. II 58569
Teichrob, R.C. *see* Trevorrow, M.V. 88817
Teiger, J. *see* Anghinolfi, F. 88228
Teiger, J. *see* Anghinolfi, F. 98663
Teiger, J. *see* Borer, K. 53347
Teiger, J. *see* Borer, K. 98687
Teiger, J. *see* Gingrich, D. 53291
Tein-Pei Lee *see* Chung-En Zah 63780
Teisberg, E.Olmsted *see* Olmsted Teisberg, E.
Teisseire, B. *see* Ducher-Girard, P. 65510
Teissier, G. *see* Droguet, J.P. 92826
Teissier, R., Cockburn, J.W., Buckle, P.D., Skolnick, M.S., Finley, J.J., Grey, R., Hill, G., Pate, M.A. Observation of ballistic transport in double-barrier resonant-tunneling structures by electroluminescence spectroscopy 81785
Teissier, R.J. *see* Buckle, P.D. 62269
Teitsworth, S.W., Turley, P.J., Wallis, C.R., Li, W., Bhattacharya, P.K. Magnetotunnelling measurements of localized optical phonons in GaAs/AlAs double-barrier structures 62264
Teitsworth, S.W. *see* Bonilla, L.L. 62156
Teitsworth, S.W. *see* Wallis, C.R. 80180
Teixeira, A.J.S. *see* Rodrigues, J.L.V. 70671
Teixeira, J.P. *see* Dalpasso, M. 80211
Teixeira, J.P. *see* Sousa, J.T. 49223
Tejada, J. *see* Zhang, X.X. 63222
Tejada, J. *see* Zhang, X.X. 72025
Tejeda, G. *see* Vega, F. 62370
Tejedor, C. *see* Inarrea, J. 62265
Tejedor, M., Hernando, B., Sanchez, M.L. Reversible permeability for perpendicularly superposed induction in metallic glasses for fluxgate sensors 56211
Tejedor, M., Rubio, H., Elbaile, L., Iglesias, R. Experimental determination of fluxmetric demagnetizing factors of cylinders and plates 53026
Tejedor, P., Briones, F. On the mechanism and surface morphology of gallium arsenide laser-assisted etching by chlorine at 193 nm 81496
Tejima, T. *see* Sugiura, A. 94989
Tejwani, M. *see* Agnello, P.D. 49984
Tejwani, M.J. *see* Iyer, S.S. 93644
Tek Tjing Lie *see* Jing Shi 59676
Tekalp, A.M. *see* Bozdagi, G. 74490
Tekalp, A.M. *see* Bozdagi, G. 84781
Tekalp, A.M. *see* Chang, M.M. 84948
Tekalp, A.M. *see* Gunduzhan, E. 84904
Tekalp, A.M. *see* Ozkan, M.K. 74331
Tekalp, A.M. *see* Patti, A.J. 74315
Tekalp, A.M. *see* Patti, A.J. 85002
Tekalp, A.M. *see* Riek, J.K. 88463
Tekavcic, I. *see* Rozman, J. 59416
Tekawa, M. *see* Celata, C.M. 87832
Tekcan, O.F. *see* Groenen, P.A.C. 55830
Tekippe, V.J. *see* Daniel, H.S. 82607
Teklu, Y. *see* Rahman, S. 59832
Tekula, M.S. *see* Bromberg, L. 82413
Tel, G., Korach, E., Zaks, S. Synchronizing ABD networks 57929
Telang, N., Bandyopadhyay, S. Modulation of electron-phonon scattering in quantum wires by an external magnetic field 62294
Telbisz, M. *see* Gado, J. 53889
Telegin, V.A. *see* Dyatko, N.A. 64150
Telegin, Yu. *see* Androsov, V. 76390
Telegin, Yu. *see* Bar'yakhtar, V. 67407
Telegin, Yu. *see* Efimov, S. 76546
Telek, M. *see* Jereb, L. 85366
Telfer, B. *see* Garcia, J. 57850
Telfer, B.A., Szu, H.H., Dobeck, G.J. Adaptive wavelet classification of acoustic backscatter 57595
Telfer, B.A., Szu, H.H., Dobeck, G.J., Garcia, J.P., Ko, H., Dubey, A., Witherspoon, N. Adaptive wavelet classification of acoustic backscatter and imagery 74047
Telfer, B.A. *see* Kiang, R.K. 54654
Telfer, B.A. *see* Szu, H.H. 57594
Telfer, B.A. *see* Szu, H.H. 74042
Telfer, G.R. *see* Milsom, J.D. 97025
Teliani, M., Lai, L.L. Investigation of an adaptive distance scheme for protecting teed feeders 59999
Tell, B. *see* Jahns, J. 63612
Tell, H. *see* Petry, H.-P. 58312
Tell, H. *see* Petry, H.-P. 65696
Tell, S.G. *see* Singh, R.K. 96740
Tellambura, C., Bhargava, V.K. A performance analysis of trellis coded modulation schemes in non-independent Rician fading channels 73770
Tellambura, C., Bhargava, V.K. Reference-based trellis coded modulation schemes for shadowed Rician fading channels 95080
Tellambura, C., Qiang Wang, Bhargava, V.K. Performance of trellis coded modulation schemes on shadowed mobile satellite communication channels 52449
Tellefsen, J. *see* Barbara, D. 96557
Tellefsen, J.A., Jr. *see* Eriksson, U. 72326
Tellefsen, J.A., Jr. *see* Galvanauskas, A. 72747
Teller, A. Turing completeness in the language of genetic programming with indexed memory 91316
Telles, G.N. *see* Vetorazzi, C.N., Jr. 81080
Telles, J.C.F., Oliveira, R.F. Third degree polynomial transformation for boundary element integrals: further improvements 61183
Tellez, G.E., Sarrafzadeh, M. Clock period constrained minimal buffer insertion in clock trees 93654
Tellez, J.R., Loredo, S., Clarke, R.W. Self-heating in GaAs FETs: a problem? 93499
Tellez, J.Rodriguez *see* Rodriguez Tellez, J.
Tellinen, J. Development of the theory and design of saturable reactors for power systems 89076
Tellini, A. *see* Azzerboni, B. 83432
Tellini, A. *see* Gimignani, M. 73201
Tellman, L. *see* Kohli, S. 67958
Tellman, L. *see* Snyder, S. 67961
Tellman, L. *see* Snyder, S. 88911

Tellmann, N., Glein, N., Dahne, U., Scholen, A., Schulz, H., Chaloupka, H. High-Q $LaAlO_3$ dielectric resonator shielded by YBCO-films 82230
Telstad, T. *see* Aurud, T. 90317
Telstad, T. *see* Fikke, S.M. 89344
Temerinac, M. *see* Winterer, M. 70626
Temes, G.C. *see* Yuming Cao 97858
Temi, P. *see* Rank, D.M. 64579
Temkin, H., Coblentz, D., Logan, R.A. High temperature performance of strained quaternary quantum well lasers 56782
Temkin, H. *see* Feygenson, A. 61914
Temkin, H. *see* Hamm, R.A. 91439
Temkin, H. *see* Harriott, L.R. 91455
Temkin, H. *see* Jiang, X.P. 94445
Temkin, H. *see* Montgomery, R.K. 61948
Temkin, H. *see* Ochiai, M. 82523
Temkin, H. *see* Patel, D. 83129
Temkin, R.J. *see* Blank, M. 49744
Temkin, R.J. *see* Chen, S.C. 76359
Temkin, R.J. *see* Gonichon, J. 76641
Temkin, R.J. *see* Kimura, T. 76639
Temkin, R.J. *see* Menninger, W.L. 71042
Temme, D.H. *see* Dionne, G.F. 80620
Temme, S.F. *see* Struck, C.J. 97724
Temmel, T. *see* Bouclier, R. 87985
Temmel, T. *see* Bouclier, R. 88109
Temmel, T. *see* Bouclier, R. 98617
Temmyo, J. *see* Fukuda, M. 63777
Temmyo, J. *see* Kikushima, K. 52571
Temmyo, J. *see* Notzel, R. 48939
Temmyo, J. *see* Notzel, R. 54823
Temmyo, J. *see* Notzel, R. 69922
Temmyo, J. *see* Ohishi, Y. 63699
Temnykh, A.B., Welch, J.J. Some aspects of the long range beam-beam interaction in storage rings 87864
Temnykh, A.B., Welch, J.J., Rice, D.H. The long range beam-beam interaction at CESR—experiments, simulation and phenomenology 76534
Temofonte, T.A., Braggins, T.T., Emtage, P.R., Bevan, M.J., Thomas, R.N., Nathanson, H.C., Halvis, J., Shiskowski, R.R., Wilson, T.E., McCann, D.H. All-silicon internal barrier detectors: a voltage-tunable LWIR staring focal plane technology 66482
Tempel, G. *see* Heinrich, R. 92420
Tempel, G. *see* Thewes, R. 62818
Tempel, R. *see* Pogatzki, P. 92596
Tempelmeyer, K.E. Electrical characteristics of the electrolysis process in an MHD seawater thruster 100772
Temperanza, G. *see* Bevilacqua, R. 79701
Tempero, P.E., Crawford, M.C., Beyer, A.H., Wigger, T.D. Thermal enhancement of the circulating water system KPL's Lawrence Energy Center—Unit 5 89607
Temple, D. *see* Palmer, W.D. 92875
Temple, M.A., Pyati, V.P. Radome depolarization and phase front distortion effects on boresight error prediction 75533
Temple, S. *see* Furber, S.B. 92260
Temple, T. *see* Wood, R.M. 68392
Temple, V.A.K. *see* Kendle, P.D. 62733
Temple Dennett, J., Hseih, M. Issue trees: a tool to aid the engineering writer 60801
Templeton, A. *see* Beker, B. 80744
Templeton, D.W. *see* DiCillo, J.J. 50909
Templeton, I. *see* Chunmeng Wu 56757
Templeton, I. *see* Piva, P.G. 71178
Templeton, I.M. *see* Fallahi, M. 50827
Templier, F., Vallier, L., Madar, R., Oberlin, J.-C., Devine, R.A.B. Millitorr range PECVD of a-SiO_2 films using TEOS and oxygen 48981
Templier, F. *see* Palleau, J. 81107
Temraz, H.K., Salama, M.M.A., Quintana, V.H. Application of partitioning techniques for decomposing large scale electric power networks 99451
ten Berg, A.J.W.M. MASCOT: microarchitecture synthesis of control paths 92064
ten Bosch, O. *see* van der Wolf, P. 91835
ten Hagen, K., Stahl, J. ASIC design. IV. Abstract modelling structure information and the functional aspect 49361
ten Hagen, K., Stahl, J. Simulation and modelling in VHDL integrated circuit design. III. What can be hidden and neglected? 50052
ten Haken, B., Godeke, A., ten Kate, H.H.J. Calculation of the critical current reduction in a brittle wound multifilamentary wire due to external forces 82312
ten Haken, B., Krooshoop, E., ten Kate, H.H.J. Homogeneity and accuracy of the second critical field B_{c2} of the NIST SRM-1457 standard NbTi/Cu wire 93919
ten Have, I. *see* Beaumont, S.P. 88037
ten Kate, H.H.J., ter Avest, D., Ravex, A., Lagnier, M., Elleaume, P. Predesign study of a 4-5 T superconducting wiggler magnet for the ESRF 76568
ten Kate, H.H.J. *see* Bruzzone, P. 82460
ten Kate, H.H.J. *see* den Ouden, A. 87690
ten Kate, H.H.J. *see* den Ouden, A. 93990
ten Kate, H.H.J. *see* Hemmes, H. 93918
ten Kate, H.H.J. *see* Knoopers, H.G. 87776
ten Kate, H.H.J. *see* Knoopers, H.G. 94011
ten Kate, H.H.J. *see* Nijhuis, A. 93914
ten Kate, H.H.J. *see* Shevchenko, O.A. 90100
ten Kate, H.H.J. *see* ten Haken, B. 82312
ten Kate, H.H.J. *see* ten Haken, B. 93919
ten Kate, H.H.J. *see* van Oort, J.M. 76570
ten Kate, H.H.J. *see* Verweij, A.P. 82427
ten Kate, H.J. *see* Nijhuis, A. 89300
Ten Kate, W.R.T. *see* van der Par, S.L.J.D.E.V.D. 86648
Tenbrink, J. *see* Hemmes, H. 93918
Tenbroek, B.M. *see* Lee, M.S.L. 93475
Tench, R.E. *see* Chen, C.D. 75394
Tenchev, R. Using membrane elements in a 3D problem—a FEM modelling challenge 61208
Tenckhoff, E. *see* Schmatjko, K.J. 53925
Tenconi, A. *see* Brusaglino, G. 54192
Tenconi, S.M., Numeroli, R., Pittera, L., Rizzo, E., Mondino, P.L., Santagiustina, A. High power, wide bandwidth linear switching amplifier using IGBTs 68714
Tendeku, F., Misra, D. Measurement of complex permittivity of materials using an open-ended coaxial probe: test of an analytic model 87439
Tendys, J. *see* Collins, G.A. 62389
Teneketzis, D. *see* Elta, M. 62443
Tenenbaum, P., Cobb, J.K., Jensen, D.R., Sawyer, D., Wagner, W., Walz, H.V., Williams, S.H. Precision measurement of transport components 76679
Tenerz, L. *see* Hok, B. 59256
Tenforde, T.S. *see* Pourrahimi, S. 82478
Tenforde, T.S. *see* Wang, S.T. 82325
Teng, E., Eltoukhy, A. Flash chromium interlayer for high performance disks with superior noise and coercivity squareness 50291
Teng, E. *see* Jiaa, C.L. 72148
Teng, J., Fidler, J.K., Zheng, L. Pole placement algorithm for equiripple bandstop filter design 74059
Teng, J.T.C. *see* Grover, V. 69478
Teng, L. *see* Bizek, H. 67238
Teng, L. *see* Ellison, M. 66909
Teng, L. *see* Liu, J. 66926
Teng, L. *see* Liu, J. 98429
Teng, L. *see* Syphers, M.J. 66966
Teng, L. *see* Wang, Y. 66910
Teng, L.C. *see* Chae, Y.C. 66895
Teng, S.J.J., Wu, C.S., Hou, L.D., Wang, D.C. Implant isolation of InGaAs/GaAs pseudomorphic high-electron mobility transistor structure using boron 81958
Teng, W. *see* Jackson, T.J. 59585
Teng Fushen *see* Gui Xianming 53682
Teng Fusheng On the architecture of automatic dispatching system for county power networks 68058
Teng Fusheng, Liu Jie Online security analysis based on database method for electrical power system 89115
Teng Kiat Lee *see* Samudra, G. 56079
Teng Shi-Ping *see* Shi-Ping Teng
Teng Zhimeng, He Ye, Tong Qinyi Three-dimensional generalization of one-dimensional S-G formulation 81758
Teng Zhimeng, Tong Qinyi Novel extension of the Scharfetter-Gummel scheme for a multi-dimensional current continuity equation 81762
Teng-Tai Hsu *see* McClure, M. 95641
Tengara, I. *see* Sica, L. 83355
Tengbin Chen *see* Chen Tengbin
Tengda Du, Suihua Yuan, Weili Luo Thermal lens coupled magneto-optical effect in a ferrofluid 87139
Tengda Du *see* Du Tengda
Tengdin, J.T. *see* Strang, W.M. 89255
Tengler, W. *see* Ziegler, M. 66045
Tenman, Y. *see* Saga, S. 87505
Tennakoon, S.B., McEwan, P.M. Performance evaluation of an internally energized thyristor circuit breaker with rapid auto reclose 60389
Tennakoon, S.B., McEwan, P.M. Short-circuit interruption performance of thyristor circuit breakers 68903
Tennakoon, S.B. *see* Ma, Z. 100405
Tennant, A. *see* Chambers, B. 86544
Tennant, A. *see* Chambers, B. 97383
Tennant, A. *see* Contreras, M.A. 100507
Tennant, A. *see* Tuttle, J.R. 91549
Tennant, A. *see* Tuttle, J.R. 100495
Tennant, A.L. *see* Contreras, M.A. 100759
Tennant, A.L. *see* Gabor, A.M. 90407
Tennant, D.M. *see* Lee, K.F. 62856
Tennant, D.M. *see* Lee, K.F. 93613
Tennant, D.M. *see* Tichenor, D.A. 81591
Tennant, W.E. *see* Arias, J.M. 91529
Tennant, W.E. *see* Kozlowski, L.J. 52954
Tennant, W.E. *see* Kozlowski, L.J. 66492
Tenne, R. *see* Sorek, Y. 94130
Tennenhouse, D.L. *see* Adam, J.F. 65237
Tennenhouse, D.L. *see* Adam, J.F. 74988
Tennent, S.G. *see* Matty, J.J. 88620
Tenneti, R. *see* Chandrashekhara, K. 93766
Tenney, R.R. *see* Luettgen, M.R. 84950
Tennigkeit, B. *see* Wohrle, D. 60472
Tennvassas, T.L. *see* Eilertsen, K. 67612
Tenti, P. *see* Malesani, L. 54089
Tenti, P. *see* Malesani, L. 68772
Tenti, P. *see* Rossetto, L. 49144
Tenti, P. *see* Rossetto, L. 60320
Tenti, P. *see* Rossetto, L. 68842
Tenti, P. *see* Rossetto, L. 68843
Tentori, D. *see* Miridonov, S.V. 73161
Tentori, D. *see* Shlyagin, M. 63388
Teo, C.Y., Gooi, H.B. Restoration of electrical power supply through an algorithm and knowledge based system 78082
Teo, C.Y. *see* Gooi, H.B. 77977
Teo, C.Y. *see* Wong, A.C.B. 53940
Teo, C.Y. *see* Wong, A.C.B. 60092
Teodorescu, V.S. *see* Mihailescu, I.N. 93189
Teodoropol, S. *see* Zogg, H. 61259
Teodosio, L., Bender, W. Salient video stills: content and context preserved 57882
Teodosio, L.A., Mills, M. Panoramic overviews for navigating real-world scenes 66025
Teoh, E.K. *see* Suganthan, P.N. 92789
Teoh Eam Khwang *see* Eam Khwang Teoh
Teong Ong Jin *see* Jin Teong Ong
Teorey, T.J. *see* Bauer, M.A. 85645
Teorey, T.J. *see* Chiarawongse, J. 57964
Teowee, G., Boulton, J.M., Kneer, E.A., Orr, M.N., Birnie, D.P., III, Uhlmann, D.R., Lee, S.C., Galloway, K.F., Schrimpf, R.D. Effect of Zr/Ti stoichiometry ratio on the ferroelectric properties of sol-gel derived PZT films 56133
Teowee, G. *see* Lee, S.C. 56109
Tepedenlengilou, N. *see* Roberts, R.D. 84270
Tepermeister, I. *see* Blayo, N. 71320
Tepichin, E., Ramirez, G. Grating interferometer for pseudocolor encoding 85147
Tepikian, S., Peggs, S. Skew quadrupole errors in the RHIC IR triplets 98415
Tepikian, S. *see* Peggs, S. 66890
Tepikian, S. *see* Syphers, M.J. 66966
Tepikian, S. *see* Trbojevic, D. 98408
Tepikian, S. *see* Trbojevic, D. 98416
Teplitz, H. *see* McLean, I.S. 66427
Teploukhov, S.G. *see* Vologin, V.G. 87859
Teplyakov, D.R. Specific power of module power plants: radiation and output losses 60132
Tepore, A. *see* Micocci, G. 49778
Tepper, S. *see* Dixon, J.W. 68836
ter Avest, D. *see* ten Kate, H.H.J. 76568
ter Beek, J. *see* Zagwijn, P.M. 98597
ter Brake, H.J.M. *see* van den Bosch, P.J. 98763
ter Haar Romeny, B.M., Florack, L.M.J., Salden, A.H., Viergever, M.A. Higher order differential structure of images 64819
ter Haar Romeny, B.M. *see* Florack, L.M.J. 64792
Ter Horst, E.W. Grid-connected PV systems—the role of the utility sector 99984
ter Horst, J. *see* Levinson, E. 67938
ter Horst, J. *see* Zagwijn, P.M. 98597
ter Maten, E.J.W. *see* Janssen, H.H.J.M. 90644
Ter-Martirosyan, I.T. *see* Dedyk, A.I. 70942
Ter-Martirosyan, L. *see* Vendik, O. 73536
Ter-Martirosyan, L.T. *see* Vendik, I.B. 55396
Ter-Ovanesyan, E., Manassen, Y., Shachal, D. Ordering of amorphous silicon during solid-phase epitaxy studied by scanning tunneling microscopy 91430
Terada, A. Toward uniform-quality services across the country 65170
Terada, A. *see* Ishii, O. 71965
Terada, H., Kitagawa, F., Okamoto, N., Watanabe, S., Taki, M., Saito, M. An analysis of dose in tissue irradiated by near field of a circular loop antenna 99005
Terada, K., Kawamura, M., Tsubouchi, N., Tanaka, K.I. High contamination performance polymeric termination 89337
Terada, K., Kubota, K., Mitsui, A., Nakajima, M. High quality imaging utilizing light emission computed tomography with lens system 98866
Terada, K. *see* Kubota, K. 98801
Terada, K. *see* Samukawa, S. 71380
Terada, M. *see* Tsukakoshi, M. 96679
Terada, N. *see* Inoue, Y. 52202
Terada, N. *see* Sawada, T. 100524
Terada, N. *see* Sawada, T. 100588
Terada, R. *see* Kaneko, T. 95151
Terada, S., Yoshikawa, M. Cutting processing of sintered diamond binded ceramics by CO_2 laser 50982
Terada, T. *see* Seshita, T. 96942
Terada, Y. *see* Kobayashi, S. 49425
Terada, Y. *see* Kobayashi, S. 70561
Terada, Y. *see* Kuo, C. 70523
Terada, Y. *see* Mihara, M. 92227
Terada, Y. *see* Miyawaki, Y. 70526
Terada, Y. *see* Tanaka, S. 59617
Terada, Y. *see* Uose, H. 58221
Terada, Y. *see* Yamamoto, I. 96584
Teragaki, Y., Kusumoto, Y., Sumi, S., Torazawa, K., Tsunashima, S., Uchiyama, S. Magnetic field modulation recording on Pt/Co magneto-optical disks 50609
Terahara, T. *see* Suyama, M. 63700
Terai, H., Gemma, K., Nagao, Y., Satoh, Y., Ohno, Y. Basic concept of cooperative timing-driven design automation technology for high-speed RISC processor HARP-1 92251
Terai, H. *see* Fujimaki, A. 82366
Terai, K., Kiba, M., Hashimoto, H., Tamura, T., Nakama, Y. Active noise control for seat audio system 75792
Terai, M. Physical design tools for CMOS gate arrays and embedded cell arrays 91798
Terai, M. *see* Kometani, H. 78923
Terai, M. *see* Nakao, H. 55045
Terai, M. *see* Takahashi, K. 92162
Terai, Y. *see* Yano, K. 71430

Terakado, S. *see* Kitamura, O. 71331
Terakado, S. *see* Kitamura, O. 71343
Terakado, S. *see* Ogura, M. 71330
Terakado, S. *see* Yamazaki, T. 90671
Terakawa, A. *see* De, S.C. 91580
Terakawa, A. *see* Maruyama, E. 100528
Terakawa, A. *see* Sayama, K. 100595
Terakawa, S. *see* Shimomura, K. 81679
Teral, S. *see* Boby, J. 52876
Teramoto, K., Arai, K., Imatani, T. Evaluation of the performance of antenna pattern correction under the influence of unknown antenna pattern changes 67771
Teramoto, K. *see* Hirai, T. 93064
Teramoto, T., Ono, K., Turhan, O. High-speed motion control of mechanisms under average heat generation restriction (minimum-time trajectory planning of robotic manipulator and calculated examples of two degree-of-freedom system) 78662
Terane, H. *see* Ogawa, F. 55291
Teranishi, H. *see* Bowkett, G.C. 63753
Teranishi, N. *see* Morimoto, M. 97662
Teranishi, N. *see* Mutoh, N. 98090
Teranishi, N. *see* Tohyama, S. 87188
Teranishi, N. *see* Tohyama, S. 98089
Terao, A. *see* Francis, P. 55984
Terao, A. *see* Francis, P. 63002
Terao, M., Fukutani, I. Adding filters to connectors improves equipment performance, noise resistance 80960
Terao, T. *see* Yoshida, S. 58094
Terao, Y., Koiwa, I., Sawai, H. Influence of cathode materials on alteration of composition of enclosed gases for DC-type plasma display panels 66617
Teraoka, F., Uehara, K., Sunahara, H., Murai, J. VIP: a protocol providing host mobility 85637
Teraoka, K. *see* Takemura, K. 49150
Teraoka, Y., Nishiyama, I. Translational-energy-induced anisotropic etching of poly-Si by Cl_2 supersonic molecular beams 62435
Teraoka, Y. *see* Miki, T. 81265
Teraoko, Y. *see* Gochi, H. 55260
Terasaki, H. *see* Ichiura, S. 58601
Terasaki, H. *see* Tsuchiya, Y. 86789
Terasaki, R. *see* Okajima, Y. 79765
Terasako, T. *see* Morohashi, M. 61270
Terasako, T. *see* Tsuboi, N. 48938
Terasawa, M. *see* Kubo, T. 82360
Terasawa, M. *see* Minami, S. 92201
Terasawa, M. *see* Tanahashi, S. 93956
Terasawa, T. *see* Fukuda, H. 62615
Terashima, A. *see* Kimura, A. 72259
Terashima, H. *see* Yuge, N. 91414
Terashima, K. *see* Xinming Huang 79760
Terashima, M. *see* Kamiyama, E. 89634
Terashima, N. *see* Harada, Y. 96409
Terashima, N. *see* Kishino, F. 65461
Terashima, N. *see* Takura, A. 74876
Terashima, T., Yoshizawa, M., Fukunaga, M., Majumdar, G. Structure of 600 V IC and a new voltage sensing device 58700
Terashima, T. *see* Ito, H. 66315
Terashima, T. *see* Kawasaki, T. 82713
Terashima, T. *see* Kawasaki, T. 93694
Terashima, T. *see* Terauchi, H. 91503
Terashita, H. *see* Yoshida, M. 96927
Terauchi, H., Yoneda, Y., Watanabe, Y., Kasatani, H., Sakaue, K., Kamigaki, K., Iijima, K., Yano, Y., Terashima, T., Bando, Y. Epitaxial $BaTiO_3$ crystals 91503
Terauchi, M., Negami, T., Nishitani, M., Ikeda, M., Wada, H., Wada, T. Preparation of $CuInSe_2$ thin films by selenization of Cu-In-O precursors 91565
Terauchi, M., Nitayama, A., Koriguchi, F., Masuoka, F. A surrounding gate transistor (SGT) gain cell for ultra high density DRAMs 70501
Terauchi, M. *see* Nishitani, M. 100455
Terayama, Y. *see* Arai, K. 67766
Terayama, Y. *see* Arai, K. 77263
Terazaki, N. *see* Hara, Z. 58915
Terekhin, M.A. *see* Kamenskikh, I.A. 88042
Teremetsky, V.E. SOVAM TELEPORT: telecommunications in Russia and abroad 65112
Terent'ev, S.A. *see* Yafarov, R.K. 55767
Terentjew, V. *see* Konowalow, V. 89454
Tereshchenko, V.D. On the theory of radio wave scattering in the *F* region of the polar ionosphere 64138
Termuehlen, H., Currey, J., Kunder, G., Becker, B. The advanced V84.3 gas turbine 68466
Termuehlen, H. *see* Wescehnfelder, K.D. 89451
Terng-Jie Lin *see* Guan-Wu Wang 86304
Ternier, E. Frequency convertors for low powers 68520
Ternier, E. *see* Van Poucke, P. 68622
Tero, J.P. *see* Hogervorst, R. 91918
Terosky, J. *see* Wymer, S.A. 64058
Terpugov, A.F. *see* Pottosina, S.A. 95413
Terray, E.A. *see* Keller, W.C. 67840
Terray, E.A. *see* Plant, W.J. 67837
Terre, M., Bellanger, M. A systolic QRD-based algorithm for adaptive filtering and its implementation 70746
Terrell, C.A. *see* Tabibi, B.M. 63627
Terrell, J. *see* Rod, B.J. 49003
Terret, C. *see* Edimo, M. 73556
Terrien, J.C. *see* Collet, P. 62097
Terrill, R.S. Development of a 50,000-gate programmable logic device for gate array prototyping 80292
Terrill, S.D. *see* Mullins, J.H. 53580
Terris, B.D., Mamin, H.J., Rugar, D., Studenmund, W.R., Kino, G.S. Near-field optical data storage using a solid immersion lens 72296
Terron, J.A. *see* Sanchez-Doblado, F. 99014
Terron, M.J., Luque, A. Reduction of the apparent shunt resistance effect in silicon concentrator solar cells 78811
Terron, M.J. *see* Marti, A. 100518
Terry, F.L., Jr. *see* Elta, M. 62443
Terry, F.L., Jr. *see* Elta, M.E. 62432
Terry, F.L., Jr. *see* McGregor, D.S. 71106
Terry, F.L., Jr. *see* Rashap, B.A. 81504
Terry, I., Penney, T., von Molnar, S., Becla, P. Hopping conduction near the metal-insulator transition in CdMnTe:In and evidence for a magnetic hard gap in the density of states 49788
Terry, I. *see* von Molnar, S. 55579
Terry, J.A.C., Cui, Y., Yang, Y., Sibbett, W., Dunn, M.H. Low-threshold operation of an all-solid-state KTP optical parametric oscillator 56891
Terry, R.G. Factors influencing the relative industrial performance of Japan, Germany, USA and UK. I. Industrial structure, and capital and investment 60819
Terry, R.G. Factors influencing the relative industrial performance of Japan, Germany, USA and UK. II. Education, training, employment policies and management practices 69432
Terry, R.G. Factors influencing the relative industrial performance of Japan, Germany, USA and UK. III. The changing scene and conclusions 90862
Tersoff, J. *see* LeGoues, F.K. 70144
Terterian, S. *see* Chu, M. 91528
Terui, H. *see* Yoshida, J. 97363
Terui, Y. *see* Okajima, Y. 79765
Terukov, E.I. *see* Kon'kov, O.I. 71572
Terukov, E.I. *see* Kon'kov, O.I. 92917
Terukov, E.I. *see* Konstantinov, A.O. 49893
Terukov, E.I. *see* Kudoyarova, V.Kh. 94249
Terukov, E.I. *see* Rogachev, N.A. 69937
Terukov, E.I. *see* Rogachev, N.A. 91578
Terukov, E.I. *see* Vasil'ev, V.A. 50667
Terumichi, Y. *see* Shimozuma, T. 92891
Terunuma, N. *see* Fukushima, Y. 67382
Terunuma, Y. *see* Ohishi, Y. 63699
Terveen, L.G., Selfridge, P.G. Intelligent assistance for software construction: a case study 85397
Tervonen, A. Design tools for passive guided wave devices 50518
Tervonen, A. *see* Guangwen Zhang 65772
Tervonen, A. *see* Guangwen Zhang 82698
Tervonen, A. *see* Honkanen, S. 86522
Tervonen, E., Turunen, J., Pekola, J. Pulse-frequency-modulated high-frequency-carrier diffractive elements for pattern projection 83364
Terzano, M.G. *see* Bortone, E. 88504
Terzi, F. *see* Bixio, A. 67142
Terzi, G. *see* Adam, A. 88087
Terzi, G. *see* Adam, A. 88102
Terzi, G. *see* Adriani, O. 88023
Terzi, G. *see* Borchi, E. 59091
Terzi, G. *see* Bosetti, M. 59145
Terzi, G. *see* Bosetti, M. 59146
Terzi, G. *see* Bosetti, M. 98565
Terzi, G. *see* Bosetti, M. 98566
Terzi, V.F. *see* Galyatdinov, R.S. 56399
Terzian, D. Putting hand-helds to the test 87044
Terzija, V. Dynamic frequency measurement by the improved recursive Newton-type estimation method 99791
Terzija, V., Djuric, M. Adaptive algorithm for estimation of voltage phasor, frequency and rate of change of frequency 77813
Terzija, V.V., Djuric, M.B., Kovacevic, B.D. Voltage phasor and local system frequency estimation using Newton type algorithm 78230
Tesar, D. *see* Geisinger, J.W. 54138
Tesar, G. Assessment of mutually beneficial technology: East-West perspective 60862
Tesarek, R.J., Gilman, R., Kumbartski, G., Lee, M.H., Rutt, P., Sannes, F., Schnetzer, S., Somalwar, S.V., Stone, R., Tnomson, G.B., Franklin, M., Kanda, S., Morozov, B., Sugimoto, Y., Han, S., Kania, D.R., Pan, L.S., Fujino, D., Gan, K.K., Hassard, J., Kagan, H., Kass, R., Malchow, R., Margetides, S., Palmer, W., White, C., Zhao, S., Kim, S.K. Performance of a diamond-tungsten sampling calorimeter 98504
Tesche, C.D. *see* Knuutila, J.E.T. 53390
Tescher, A.G. *see* Gupta, S. 96085
Tescher, A.G. *see* Saghri, J.A. 96089
Tesei, A. *see* Regazzoni, C.S. 69700
Teshigawara, S. *see* Nakashima, T. 85310
Teshigawara, Y. *see* Shimamoto, S. 64994
Teshima, K., Fujita, N., Nishio, T., Katayama, M., Ide, M., Kohama, S. A fiber-optic subscriber-loop carrier system (156 Mbps CT/RT system) 86357
Teshima, K. *see* Matsushita, K. 86360
Teshima, O. *see* Tateiba, M. 67853
Teshirogi, T. *see* Tanaka, M. 86256
Teshome, A. A new distribution substation feeder pattern design and analysis 89223
Teshome, A. *see* Eslyok, E. 77860
Teshome, A. *see* Samra, A.H. 53708
Tesini, A. *see* Dolgetta, N. 83540
Tesla, M.R. Scrap tire process turns waste into fuel 68417
Teslenko, G.I. *see* Akopyan, A.A. 93022
Teslenko, N.M. *see* Lidov, M.L. 99041
Teslo, H. *see* Swetchine, J. 48646
Tesmer, J.R. *see* Wang, J.R. 77399
Tessari, P.H. *see* Lujan, A.S. 56011
Tessarotto, F. *see* Martin, A. 67356
Tessier, B., Hains, D., Hally, P., O'Reilly, C.T., de Margerie, S. ODIN: a new ocean data and information network for the St. Lawrence river and the Atlantic Canada region 88825
Tessier, L., Patat, F., Schmitt, N., Lethiecq, M., Frangin, Y., Guilloteau, D. Significance of mass and viscous loads discrimination for an AT-quartz blood group immunosensor 67489
Tessier, R. *see* Dahl, M. 70603
Tessier, T.G. *see* Morrison, J.M. 92769
Tessler, N., Eisenstein, G. Modelling carrier dynamics and small-signal modulation response in quantum-well lasers 94480
Tessler, N., Mark, J., Eisenstein, G., Mork, J., Koren, U., Burrus, C.A. Gain dynamics in quantum well lasers and optical amplifiers: an experimental comparison 50805
Tessmar, G. UPT in the intelligent network 65691
Tessun, H. *see* Kiessling, F. 100886
Testa, A. *see* Consoli, A. 54164
Testa, A. *see* Consoli, A. 100840
Testa, A. *see* Daponte, P. 67989
Testa, A. *see* Kreindler, L. 60226
Testa, A. *see* Kreindler, L. 60542
Testa, A. *see* Licitra, C. 68839
Testa, A. *see* Musumeci, S. 61531
Testa, A.M. *see* Cherkaoui, R. 71928
Testa, F., Merli, S., Pagnan, P. Fabry-Perot filter bandwidth effects on end to end transmission performances in a multiwavelength transport network 86367
Testa, J.A. Machine vision for SMT process control 92748
Testa, M. *see* Larkin, R. 52344
Testera, G. *see* Horvath, D. 53123
Testi, G. *see* Maresca, M. 68757
Testorf, M. *see* Bahr, J. 82686
Tetelbaum, S. Supercritical cycles with low boiling working liquids as a concept for power generation 78264
Teter, J.P. *see* Miesner, J.E. 90050
Teti, J.G., Jr Weyl-Heisenberg and wavelet phase space filtering using waveform signature templates 57589
Teti, J.G., Jr. *see* Haimovich, A.M. 74380
Teti, R. *see* Caprino, G. 91676
Tetrault, M. *see* Ruston, D.A. 79209
Tetsuka, M. *see* Aikawa, T. 57130
Tetsuka, M. *see* Aikawa, T. 98180
Tetsutani, N., Kishino, F. 3-dimensional display method without special glasses for virtual space teleconferencing system 52986
Tetsutani, N. *see* Morii, K. 65462
Tetsutani, N. *see* Tomono, A. 76118
Tetu, M. *see* Breton, M. 86880
Tetu, M. *see* Guy, M. 50942
Tetu, M. *see* Larose, R. 56697
Tetu, M. *see* Poulin, M. 83230
Tetu, M. *see* Poulin, M. 86911
Tetyorkin, V.V., Orletskii, V.B., Sizov, F.F., Tashtanbajev, N.O., Stepanushkin, A.G. Mechanisms of dark conductivity and photosensitivity in PbSe polycrystalline films on glass and Si substrates 58754
Tetzlaff, F. *see* Gieschen, N. 52485
Tetzlaff, K.H., Walz, R., Gossen, C.A. Alkaline falling-film fuel cell—a breakthrough in technology and cost 68994
Teubert, F. *see* Ariztizabal, F. 98518
Teunisse, G.M. *see* De Vreede, J.P.M. 86889
Teunissen, B., Baveco, M. Multimedia mail: A colourful business application for success 85610
Teunissen, L.J. *see* Baveco, M.P.P. 58092
Teunissen, P.J.G. A new method for fast carrier phase ambiguity estimation 65735
Tew, C., Hornbeck, L., Lin, J., Chiu, E., Kornher, K., Conner, J., Komatsuzaki, K., Urbanus, P. Electronic control of a digital micromirror device for projection displays 98228
Tew, M.D. *see* Smith, C.E. 92695
Tewfik, A.H. Perfect reconstruction filter banks with arbitrary regularity 57601
Tewfik, A.H., Ali, M. Enhanced wavelet based audio coder 97721
Tewfik, A.H., Hosur, S. Recent progress in the application of wavelets in surveillance systems 58469
Tewfik, A.H., Hosur, S., Sowelam, S.M. Recent progress in the application of wavelets in surveillance systems 86543
Tewfik, A.H., Hu, X., Garnaoui, H.H. Fast magnetic resonance imaging via frequency domain wavelet transforms 88462

Tewfik, A.H., Kim, M. Fast positive definite linear system solvers 51444
Tewfik, A.H. *see* Ali, M. 58608
Tewfik, A.H. *see* Hosur, S. 84311
Tewfik, A.H. *see* Sinha, D. 75778
Tewfik, A.H. *see* Zou, H. 84277
Tewksbury, S.K., Hornak, L.A. Multichip modules: a platform for optical interconnections within microelectronic systems 56583
Tewksbury, S.K. *see* Hornak, L.A. 79377
Tewksbury, T. *see* Kermarrec, C. 81843
Tewksbury, T. *see* Kermarrec, C. 92616
Tewksbury, T.L., III, Hae-Seung Lee Characterization, modeling, and minimization of transient threshold voltage shifts in MOSFETs 49999
Teyssier, J.P., Viaud, J.P., Quere, R. A new nonlinear I(V) model for FET devices including breakdown effects 49653
Teyssier, J.P. *see* Quere, R. 81765
Teytelman, D., Feria, E.H. A simple real-time digital video noise reduction system 86716
Teza, J.P. *see* Chiarulli, D.M. 52549
Tezuka, H. *see* Soda, M. 97327
Tezuka, M. *see* Unno, Y. 98558
Tezuka, T., Kushibe, M. High-efficiency laser oscillation of a microcavity laser excited by resonant optical pumping 83127
Tezuka, T. *see* Nishikawa, Y. 68342
Thackara, J.I., Jurich, M., Swalen, J.D. Electro-optic measurements of tolane-based polymeric phase modulators 56428
Thacker, D.L., Bevilacqua, R.M., Waltman, W.B., Pauls, T.A., Gomez, R.M., Nedoluha, G.E., Schwartz, P.R. Accuracy and calibration considerations for ground based sensing of water vapor in the stratosphere and mesosphere 88772
Thacker, N.A., Courtney, P. Statistical analysis of a stereo matching algorithm 84664
Thacker, N.A., Courtney, P. Online calibration of a 4 DOF stereo head 84672
Thackeray, J.W., Orsula, G.W., Denison, M. Effect of resin molecular weight on the resolution of DUV negative photoresists 81625
Thackeray, J.W. *see* Cronin, M.F. 81631
Thackeray, M.M. *see* Gummow, R.J. 60407
Thackeray, M.M. *see* Gummow, R.J. 78788
Thadasina, S. *see* Alvarez, J. 70328
Thadome, J. *see* Adam, W. 88114
Thadome, J. *see* von Apeldoorn, G. 88116
Thaele, R. Electrical and magnetic fields in inhabited buildings 77087
Thai, K.-L., Chassot, C., Fdida, S., Diaz, M. Transport layer for cooperative multimedia applications 74805
Thai, P. *see* Kuroda, T. 70453
Thai, S., Garafalo, D. Parallel modulation for high speed communications 75488
Thaisz, J. *see* Friedman, S.P. 58252
Thaker, P.A. *see* Szu, H.H. 74460
Thakoor, S. High speed opto-electronic non-destructive readout from ferroelectric thin film capacitors 56179
Thakoor, S. Enhanced fatigue and retention in ferroelectric thin-film memory capacitors by post-top-electrode anneal treatment 63101
Thakoor, S., Olson, E., Nixon, R.H. Optically addressed ferroelectric memory and its applications 71896
Thakoor, S., Perry, J., Maserjian, J. An optical probe for ferroelectric thin film memory capacitors 82180
Thakor, N. *see* Kong, X. 77009
Thakor, N.V. Adaptive filters for analysis of intracardiac signals 76998
Thakor, N.V., Natarajan, A., Tomaselli, G.F. Multiway sequential hypothesis testing for tachyarrhythmia discrimination 67594
Thakor, N.V. *see* Meste, O. 76989
Thakur, D.K., Kumar, A., Shekhawat, S.S., Runthala, D.P., Vyas, P.D., Vollrath, J., Langheinrich, W. Darlington and parallel operations in monolithically integrated BiMOS transistor chip 63031
Thakur, R.P.S., Chhabra, N., Ditali, A. Effects of wafer bow and warpage on the integrity of thin gate oxides 62382
Thakur, R.P.S. *see* Wait, M.A. 62379
Thakur, R.P.S. *see* Yoon, G.W. 49833
Thakur, S., Wong, D.F., Muthukrishnan, S. Algorithms for a switch module routing problem 92005
Thakur, S. *see* Yao-Wen Chang 92159
Thaler, B.J. *see* Prabhu, A.N. 54496
Thallam, R.S. *see* Atmuri, S.R. 89258
Thalmann, P., Butcher, M.J. Across Europe with a new track-to-train radio system 86161
Thalmann, R. *see* Hou, W. 76221
Tham Yiu-Man *see* Yiu-Man Tham
Thampi, K.R. *see* Murphy, M.M. 78808
Than, O., Buttgenbach, S. Simulation of anisotropic chemical etching of crystalline silicon using a cellular automata model 93234
Thanailakis, A. *see* Adamides, E.D. 92109
Thanailakis, A. *see* Georgoulas, N. 62250
Thanailakis, A. *see* Tzionas, P.G. 80360
Thanassas, D. *see* Trew, T.I.P. 85569
Thanawala, H.L. Upgrading the Anglo-Scottish Interconnectors: future developments for interconnection reinforcement, FACTS and other devices 59806
Thang Nguyen Bui, Byung Ro Moon A fast and stable hybrid genetic algorithm for the ratio-cut partitioning problem on hypergraphs 91717
Thangamani, G. Bounding algorithms for two-terminal network reliability 49106
Thangaraj, V., Santhakumaran, A. A queue with instantaneous tri-route decision process 61079
Thanh-Nam Le, Pereira, M., Renz, K., Vaupel, G. Active damping of resonances in power systems 68064
Thanvantri, V., Sahni, S. Folding a stack of equal width components 91831
Thao, N.T., Vetterli, M. Deterministic analysis of oversampled A/D conversion and decoding improvement based on consistent estimates 51439
Thao, N.T., Vetterli, M. Vector quantization view of $\Sigma\Delta$ modulation 95174
Thao Nguyen T. *see* Nguyen T. Thao
Thapar, B., Gerez, V., Atwater, P. Electrical equivalents for the analysis of very large grounding systems 89371
Thapar, B., Gerez, V., Kejriwal, H., Kendrew, T.J. Two efficient configurations of grounding electrodes for electric distribution systems 68309
Thapar, H.K., Shung, C.B., Rae, J.W., Karabed, R., Siegel, P.H. Real-time recording results for a trellis-coded partial response (TCPR) system 50333
Thapar, M. *see* Yee-Hsiang Chang 52716
Tharakan, G. *see* Brandys, T. 76837
Tharf, M.S., Costache, G.I. Edge-based finite-element method as applied to deterministic bounded problems 79754
Tharmabala, T. *see* Chung, T. 86593
Tharning, P. *see* Werelius, P. 89287
Tharp, H.S. *see* Bui, N. 50610
Tharp, H.S. *see* Potocki, J.K. 98944
Thas, J.A. Generalized quadrangles of order (s, s^2). I 69728
Thas, J.A. *see* Shult, E.E. 91283
Thathachar, M.A.L. *see* Sastry, P.S. 61080
Thathachar, M.A.L. *see* Sastry, P.S. 64591
Thattey, S.S., Dongare, A.S., Dasgupta, K., More, S.R., Nair, L.G. A wavemeter for measuring changes in wavelength of pulsed dye lasers 87573
Thayamballi, P.K. *see* Cain, W.C. 72156
Thayer, S. *see* Dolny, G. 98213
Thayer, S. *see* Khormaei, R. 66624
Thayne, I., Holland, M., Chen, Y.C., Li, W.Q., Paulsen, A., Beaumont, S., Bhattacharya, P. Comparison of 80 nm-200 nm gate length $Al_{0.25}GaAs/GaAs/Al_{0.25}GaAs$, $Al_{0.3}GaAs/In_{0.15}GaAs/GaAs$ and $In_{0.52}AlAs/In_{0.65}GaAs/InP$ HEMTs 93502
Thayne, I.G., Paulsen, A., Beaumont, S.P. A study of wet chemical gate recess etching of pseudomorphic $In_{0.15}GaAs/GaAs$ HEMTS 56029
The-Nan Chang, Yung Chang Sze Flexibility in the choice of Green's function for the boundary element method 94904
Thedrez, B., Takeshita, H., Kamiya, T. Improved compression of InGaAsP gain-switched DFB laser pulses using polarization dispersion effects 56814
Theeuwes, J., Hagenzieker, M.P. Visual search of traffic scenes: on the effect of location expectations 98747
Theil, J.A., Brace, J.G., Knoll, R.W. Carbon content of silicon oxide films deposited by room temperature plasma enhanced chemical vapor deposition of hexamethyldisiloxane and oxygen 91620
Theilacker, J.C. Tevatron cold compressor operating experience 98392
Theimer, B.D., Nobes, D.C., Warner, B.G. A study of the geoelectrical properties of peatlands and their influence on ground-penetrating radar surveying 77236
Theimer, M.M. *see* Schilit, B.N. 85676
Theimer, T. *see* Cosmas, J.P. 57937
Theimer, T. *see* Domingo, J. 57940
Theimer, W.M., Mallot, H.A. Phase-based binocular vergence control and depth reconstruction using active vision 95998
Theirich, D., Werner, F., Engemann, J. Plasma treatment of the surfaces of plastics 54995
Theis, R. *see* Huhnerfuss, H. 67845
Theis, R. *see* Huhnerfuss, H. 99265
Theis, R. *see* Wismann, V. 99266
Theis, W.M. *see* Bicknell-Tassius, R.N. 71283
Theiss, A.J., Lyon, D.B., Hiramatsu, Y. An integral-polepiece folded-waveguide slow-wave circuit for high-power millimeter-wave TWTs 92898
Theiss, W. *see* Berger, M.G. 62255
Theissinger, M.R., Hindmarsh, R.D. Layout optimization of planar CMOS cells regarding width-to-height trade-off 91725
Thelen, B.J. *see* Stuff, M.A. 75626
Thelen, D., Rankin, S., Marshall, P.W., LaBel, K.A., Krainak, M.A. Dual-rate MIL-STD-1773 fiber optic transceiver for satellite applications 65822
Thellen, C. *see* Barwicz, A. 97877
Themann, H. *see* Benary, O. 53327
Themann, H. *see* Benary, O. 98517
Themann, H. *see* Benary, O. 98640
Themistos, C., Rahman, B.M.A., Grattan, K.T.V. Finite element analysis for lossy optical waveguides by using perturbation techniques 51198
Theobald, G. *see* Audoin, C. 86838
Theobald, G. *see* Petit, P. 86861
Theobald, M. *see* Biermann, W.-D. 57208
Theobald, M. *see* Drechsler, R. 91680
Theobald, M. *see* Drechsler, R. 91684
Theodor, U., Shaked, U., de Souza, C.E. A game theory approach to robust discrete-time H_∞-estimation 64496
Theodore, N.D. *see* Foerstner, J. 93462
Theodoridis, S. *see* Kofidis, E. 64640
Theodoridis, S. *see* Petillon, T. 52359
Theodosiou, G.E. *see* Adam, W. 88114
Theodosiou, G.E. *see* von Apeldoorn, G. 88116
Theofanous, T.G. *see* Kymalainen, O. 89521
Theologou, M. *see* Lioupas, Z. 96509
Theologou, M.E. *see* Eleftheriadis, G.P. 86128
Theologou, M.E. *see* Lioupas, Z.V. 85525
Theon, J.S. The TRMM follow-on mission 77354
Thera, R.E. *see* Stillman, A. 76604
Theriault, J.R. *see* Schultz, K.I. 53550
Theriault, S. *see* Hill, K.O. 86452
Theriault, S. *see* Hill, K.O. 97288
Theriault, S. *see* Kitagawa, T. 72787
Theron, B. *see* Couffignal, P. 70835
Theron, D. *see* Gaquiere, C. 56025
Theron, P.C., Ferreira, J.A. The partial series resonant converter: a new zero voltage switching converter with good light load efficiency 68722
Theron, P.C., Ferreira, J.A. The partial series resonant converter: a new zero voltage switching DC to DC converter 78710
Theron, P.C., Ferreira, J.A., Fetter, J.C., Koertzen, H.W.E. Welding power supplies using the partial series resonant converter 100340
Theron, P.C. *see* Ferreira, J.A. 78711
Theron, P.C. *see* Ferreira, J.A. 78712
Theron, P.C. *see* Koertzen, H.W.E. 100338
Therond, P.G. *see* De Oliveira, M. 53732
Therond, P.G. *see* Verhaege, T. 53840
Therond, P.G. *see* Verhaege, T. 89367
Therond, P.G. *see* Yao, Z. 59760
Therrien, M., Pouliot, N., Gagnon, D. The use of generalized moments for data reduction in maximum likelihood positioning for gamma cameras 59304
Theune, D., Thiele, R., John, W., Lengauer, T. Robust methods for EMC-driven routing 92692
Theunissen, G.S.A.M. *see* Zieren, V. 75796
Theunissen, J.A.P., de Jager, C.W., van Leeuwe, J.J., Retzlaff, G.A., de Vries, H., Nikolenko, D.M., Popov, G.G., Rachek, I.A. Design and performance of two CsI/NaI(Tl) calorimeters in an internal target detector setup 87981
Theus, G., Whitton, B., Junkmann, V. Open access to the intelligent network: the road to more flexible and responsive services 65471
Theuwissen, A. *see* Blankevoort, J. 66042
Theuwissen, A. *see* Centen, P. 97689
Theuwissen, A.J.P. CCD imaging 87282
Theuwissen, A.J.P. *see* Peek, H.L. 97643
Thevenaz, L. *see* Boschung, J. 83005
Thevenaz, L. *see* Lang, T. 82696
Thevenin, J.C. *see* Magne, S. 72732
Thevenot, M. *see* de Mascureau, J. 67025
Thevenot, M. *see* Eyharts, Ph. 66799
Thewalt, M.L.W. *see* Liu, C.W. 70110
Thewalt, M.L.W. *see* Steiner, T.W. 81242
Thewalt, M.L.W. *see* Sturm, J.C. 63554
Thewes, R., Brox, M., Tempel, G., Weber, W., Goser, K. Hot-carrier degradation of p-MOSFET's in analog operation: the relevance of the channel-length-independent drain conductance degradation 62818
Theys, C. *see* Berenguer, C. 84436
Theys, M. *see* Wenas, M. 96803
Thi, J., Morgan, D.R. Delayless subband active noise control 77762
Thi Thuy Lan Dau *see* Dau Thi Thuy Lan
Thiagarajan, R. Managing projects in a borderless world 69450
Thiagarajan, V. The longitudinal coupling impedance of a slot on the SSC Collider liner 87707
Thiang Tjhung Tjeng *see* Tjeng Thiang Tjhung
Thibaud, J.P. *see* Bogaert, G. 59020
Thibault, C., Hanna, G.L. Qualification of modern electrical products to original plant specifications 99854
Thibault, J.-P., Jegat, E., Alemany, A., Pilaud, A. Basic studies on seawater MHD thrusters 100773
Thibault, J.P. *see* Mathes, R. 100777
Thibault, S. *see* Lauzon, J. 63404
Thibault, S.E., Andrianopoulos, C.D., Walejeski, W.E., Jr. NTD system prevents catastrophic failures 53886
Thibaut, E. *see* Artigas, J.M. 98219
Thibblin, U. *see* Dagys, M. 87460
Thibeault, B.J. *see* Barron, C.C. 97999
Thibeault, B.J. *see* Coldren, L.A. 63907
Thibeault, B.J. *see* Scott, J.W. 72826
Thibeault, B.J. *see* Scott, J.W. 83143
Thibeault, C., Savaria, Y., Houle, J.-L. A fast method to evaluate the optimum number of spares in defect-tolerant integrated circuits 61636
Thide, B. *see* Leyser, T.B. 94822

Thie, M.W. *see* Johnson, J.L. 74366
Thiebaut, J.-M. *see* Roussy, G. 79011
Thiebaut, J.M. *see* Ammor, H. 76152
Thieberger, P. *see* Zarcone, M.J. 76730
Thiede, M. *see* von Ortenberg, M. 82505
Thiede, T., Steinke, G. Mode of operation and features of methods for the auditorily correct evaluation of audio signals with reduced bit rates 76274
Thiel, D., Breu, S. The IRP-management concept. Integrated resource planning (IRP) as efficient operational instrument of modern management for electricity supply utilities 77904
Thiel, D.V. *see* Junwei Lu 73406
Thiel, E. *see* Di Baja, G.S. 74584
Thiel, E. *see* Sanniti di Baja, G. 95675
Thiel, F.A. *see* Baillargeon, J.N. 69980
Thiel, F.A. *see* Hong, M. 55648
Thiel, F.A. *see* Hong, M. 56770
Thiel, G. Innovative system expansion. New devices for instabus EIB 90682
Thiel, J. *see* Leger, C. 98759
Thiel, K.-H. *see* Banerjee, P. 97750
Thiel, R.C. *see* Volokitin, Ya.E. 87574
Thiel, U. *see* Ahn Goo Choo 72392
Thiele, E., Taflove, A. FD-TD analysis of Vivaldi flared horn antennas and arrays 73489
Thiele, E.S. *see* Donohue, P.C. 91056
Thiele, E.T. *see* Katz, D.S. 83634
Thiele, E.T. *see* Reuter, C.E. 94909
Thiele, J.-U., Rubarth, B., Hammer, P., Helmbold, A., Kessler, B., Rohwer, K., Meissner, D. Ambiguous doping effects in amorphous hydrogenated carbon films prepared by PACVD 81205
Thiele, M. *see* Rohne, K.-H. 68480
Thiele, R. *see* Theune, D. 92692
Thielecke, J. *see* Baier, A. 65611
Thielemann, C. *see* Schellin, R. 58723
Thielen, A., Cerfontaine, J., Niezette, J., Feyder, G., Vanderschueren, J. Characterization of polyester films used in capacitors. II. Effects of heat treatments on transient and steady-state charging currents in polyethylene terephthalate thin films 93688
Thielen, A., Niezette, J., Feyder, G., Vanderschueren, J. Characterization of polyester films used in capacitors. I. Transient and steady-state conductivity 93687
Thielen, H. *see* Hombach, V. 58316
Thiemann, U. *see* Herr, E. 55938
Thieme, C.L.H., Rodrigues, D., Jr., Foner, S. Grain size reduction in Nb_3Sn wire using composite powder metallurgy filaments with Cu(Sn) artificial pinning centers 72216
Thieme, P. *see* Gotz, M. 63322
Thiere, H. *see* Hartinger, E. 57245
Thierry, M. *see* Pierre, F. 81698
Thierry-Mieg, V. *see* Le Person, H. 72654
Thiery, L., Prenel, J.P., Porcar, R. Contribution of the temperature measurement using thermo-electrical micro-probe in the field of thermal microscopy 87158
Thiesen, J.H. *see* Bartlett, D.F. 80942
Thiessen, H. *see* Wang, T. 87918
Thiessen, H.A. *see* Jason, A.J. 87950
Thiessen, H.A. *see* Rusnak, B. 67128
Thiis, P.J.A., Tiemeijer, L.F., Binsma, J.J.M., Van Dongen, T. Progress in long-wavelength strained-layer InGaAs(P) quantum-well semiconductor lasers and amplifiers 63778
Thijs, P.J.A. *see* Binsma, J.J.M. 56783
Thijs, P.J.A. *see* Tiemeijer, L.F. 50806
Thijssen, A. *see* McMath, W.S. 97887
Thijssen, J.M. *see* Berkhoff, A.P. 76977
Thill, M. *see* Nguyen, H.N. 49217
Thill, M. *see* Nguyen, H.N. 91758
Thimbleby, H. *see* Witten, I.H. 51643
Thimm, A.L. New strategies for changing structures: The complex nature of Eastern European telecommunication systems 96299
Thimmel, J. *see* Dahmen, M. 87984
Thio, T., Linke, R.A., Devlin, G.E., Bennett, J.W., Chadi, J.D., Mizuta, M. Writing erasable metallic patterns in insulating $Al_xGa_{1-x}As$:DX 81743
Thipphavong, V. *see* Tuckerman, D.B. 48679
Thiran, P., Peiris, V., Heim, P., Hochet, B. Quantization effects in digitally behaving circuit implementations of Kohonen networks 61846
Thirati, P. The marketing challenges of telecommunication services in Thailand 85414
Thirion, E. *see* Trucco, E. 84673
Thirion, J.-P. Extremal points: definition and application to 3D image registration 74592
Thirion, J.-P. Direct extraction of boundaries from computed tomography scans 76897
Thirstrup, C., Robson, P.N., Li Kam Wa, P., Pate, M.A., Button, C.C., Roberts, J.S. Electrooptical modulation in multiple quantum well hetero nipi waveguides 50580
Thirstrup, C. *see* Feuchter, T. 94147
Thiruvengadam, S. *see* Indulkar, C.S. 99701
Thisell, C.G. *see* Izzard, M.J. 70712
Thissen, P. *see* Verleysen, M. 61836
Thivent, M. *see* Steinbach, Ch. 66941
Thivet, C. *see* Husse, E. 49641
Thiyagarajan, T.K. *see* Dixit, N.S. 60483
Thng, C.H., Booton, R.C. Edge-element time-domain method for solving Maxwell's equations 94916
Tho Le-Ngoc, Ming Jia, Benyamin-Seeyar, A. Permutation decoding using primitive elements as multipliers 73621
Tho Le-Ngoc *see* Zengjun Xiang 84365
Thobel, J.L. *see* Abramo, A. 81195
Thode, C.S. Distributed substation control system with PC based local control 60399
Thoe, C. *see* Elmaliach, N. 60981
Thoen, B. Demographics define online GIS community 65404
Thoen, P. *see* Vermeeren, L. 98485
Thoennessen, M. *see* Kryger, R.A. 76754
Thogersen, J., Mark, J. Third harmonic generation in standard and erbium-doped fibers 73091
Thogersen, P. *see* Blaabjerg, F. 100861
Thoie, M., Meise, J., Horneber, E.-H. Qualitative analysis of nonlinear dynamic circuits 80078
Thole, J. *see* Weijters, T. 64377
Tholey, V., Chawki, M.J., Berthou, L., Le Gac, I., Gay, E., Poudoulec, A. Demonstration of WDM survivable unidirectional ring network using tunable channel dropping receivers 75503
Tholey, V. *see* Gay, E. 86438
Tholey, V. *see* Hamel, A. 86395
Tholl, D. *see* Hashemi, H. 51111
Tholl, D. *see* Hashemi, H. 73359
Tholmann, K. *see* Yahata, A. 55848
Thom, C. *see* Jurvillier, I. 77269
Thom, E. *see* Williams, P.J. 86418
Thoma, F. *see* Simoen, E. 49995
Thoma, M.J. *see* Pinto, M.R. 63041
Thoma, P. Future needs for automotive electronics 93533
Thoma, R., Hampp, N. Adaptive bacteriorhodopsin-based holographic correlator for speed measurement of randomly moving three-dimensional objects 83388
Thoma, R. *see* Abramo, A. 81195
Thomae, H. *see* Kleinod, M. 53154
Thomae, R. *see* Dehen, J. 59010
Thomae, R. *see* Sarstedt, M. 59021
Thomann, W., Rottenkolber, M., Russer, P. Optimization of electrooptic sampling by volume-integral method 50577
Thomann, W., Russer, P. Direct broadband Gaussian modulation of semiconductor laser diodes and its application to electro-optic sampling 72898
Thomann, W., Russer, P. Quasi-simultaneous external electrooptic probing of transverse and longitudinal field distributions taking into account the probe tip invasiveness 82728
Thomas, A. *see* Bodson, F. 53884
Thomas, A.O. Television in Papua New Guinea: Policies and practice 97524
Thomas, B.T. *see* Mackeown, W.P.J. 84822
Thomas, B.W.J. *see* Carey, R. 50254
Thomas, B.W.J. *see* Carey, R. 71997
Thomas, B.W.J. *see* Carey, R. 72123
Thomas, C. *see* Allan, D.W. 66693
Thomas, C.B., McClean, I.P., Stevens, R., Cranton, W.M. TFEL optoelectronic integrated circuit on Si 72655
Thomas, D. *see* Arnstein, L.F. 55063
Thomas, D. *see* Arnstein, L.F. 91710
Thomas, D. *see* Schmit, H. 70413
Thomas, D.C., Siddall-Allum, J.N., Sutherland, I.A., Beard, R.W. Correction of the non-uniform spatial sensitivity of electrical impedance tomography images 67577
Thomas, D.E. *see* Springer, D.L. 61668
Thomas, D.E. *see* Wiggins, C.M. 53739
Thomas, D.G.T. *see* Lemieux, L. 88422
Thomas, D.J., Alevra, A.V., Hunt, J.B., Schraube, H. Experimental determination of the response of four Bonner sphere sets to thermal neutrons 67654
Thomas, D.W.P., Christopoulos, C. A novel transmission-line monitoring method 99698
Thomas, D.W.P., Christopoulos, C., Pereira, E.T. Calculation of radiated electromagnetic fields from cables using time-domain simulation 73396
Thomas, G. On high speed packet switches with windowed input buffers 74659
Thomas, G. OTIM—passive remote gas detector 76108
Thomas, G. Performance limits of multiaccess tree protocols with shared multi-user coding 85344
Thomas, G., Heide, D.A., Kang, G.S., Desourdis, R.I., Jr., Bauman, R.M. Speech evaluation in a meteor burst environment 75385
Thomas, G. *see* Cabrera, S.D. 75565
Thomas, G. *see* Chiouguey Chen 58468
Thomas, G. *see* Nagamine, K. 76398
Thomas, G.A. Motion-compensated matteing 95815
Thomas, G.A. *see* Brightwell, P.J. 95816
Thomas, H. *see* Luo, J.K. 55571
Thomas, H. *see* Luo, J.K. 100736
Thomas, H. *see* Pearsall, N.M. 100750
Thomas, H.G. New advanced underwater navigation techniques based on surface relay buoys 86628
Thomas, H.J., Cole, R.S., Siqueira, G.L. An experimental study of the propagation of 55 GHz millimeter waves in an urban mobile radio environment 51112
Thomas, J., Dzedzy, D. Waterwall replacement keeps vintage unit in service 78400
Thomas, J. *see* Fenker, H. 67313
Thomas, J. *see* Fenker, H. 67383
Thomas, J. *see* Ghirardi, F. 86321
Thomas, J.B. *see* Hudson, C.L. 98457
Thomas, J.C. *see* Suparno 94115
Thomas, J.E. *see* Boone, J.L. 48897
Thomas, J.I., Hanson, A., Oliensis, J. Refining 3D reconstructions: a theoretical and experimental study of the effect of cross-correlations 95999
Thomas, J.J. *see* Grimes, G.J. 94314
Thomas, J.N. *see* Karshmer, A.I. 74710
Thomas, J.R., Jr., Adams, J.T. Noise analysis method for monitoring the moderator temperature coefficient of pressurized water reactors: neural network calibration 78332
Thomas, K. *see* Leopold, B. 52374
Thomas, K.M., Patrick, W., Bachtold, W. Selective gate recess etching of GaInAs/AlInAs based HEMTs using a CH_4/H_2 plasma without subsequent annealing 71740
Thomas, L., Cinelli, M.J., Jauberteau, J.L., Aubreton, J., Catherinot, A. Study of an Ar-CH_4-H_2 microwave post-discharge under diamond deposition conditions: correlations between analysis performed in the gas phase and in carbon thin films 70113
Thomas, L., Deravi, F. Pruning of the transform space in block-based fractal image compression 85020
Thomas, L. *see* Zimmerman, D.E. 90817
Thomas, L.A. *see* Gautier, R.J. 75058
Thomas, L.J. *see* Chiao, R.Y. 77755
Thomas, M. Computer based digital technology in studio and broadcast, to be afraid of? 97560
Thomas, M., Jhunjhunwala, A., Ramamurthi, B., Gonsalves, T.A. Design and performance evaluation of a low bit-rate packet radio network 58305
Thomas, M. *see* Rogers, J. 74123
Thomas, M.E. *see* Gattiker, A.E. 48686
Thomas, M.E. *see* Khare, J.B. 82038
Thomas, M.E. *see* Maly, W. 55206
Thomas, M.G., Biscardi, R., Broome, W., Buda, S., D'Alsace, R., Hanna, S., Keane, J., Mortazavi, P., Ramirez, G., Wang, J.M. NSLS X-ray system RF system upgrade 67234
Thomas, M.G. *see* Rosenthal, A.L. 100730
Thomas, M.S. *see* Indulkar, C.S. 53755
Thomas, M.W. Intelligent networks—an equipment suppliers's perspective 65469
Thomas, M.W. *see* Yarden, A.L. 78282
Thomas, O. *see* Langlois, P. 52864
Thomas, O. *see* Langlois, P.Y. 56277
Thomas, P. *see* Georges, P. 72751
Thomas, P. *see* Verhaege, T. 53840
Thomas, P. *see* Verhaege, T. 89367
Thomas, P.B. Multimedia communication systems—the Barbara Project 52207
Thomas, P.D. *see* Orton, P.A. 52926
Thomas, P.D. *see* Steiger, W. 60256
Thomas, P.J., Hollinger, A.B., Wiens, R.H. Adaptive infrared forest fire sensor 67887
Thomas, P.J. *see* Rivard, B. 77295
Thomas, P.M. *see* Bylsma, R.B. 72804
Thomas, P.P. *see* Friedman, S.P. 58252
Thomas, P.W., Stocker, H.L. Plant information systems benefited by PSI network 78370
Thomas, R. PPP starts to deliver on interoperability promises 52187
Thomas, R., Saren, M., Ford, D. Technology assimilation in the firm: managerial perceptions and behaviour 60845
Thomas, R., Yu, X. 4-connected projected planar graphs are Hamiltonian 79601
Thomas, R. *see* Lindner, M. 82420
Thomas, R. *see* Muratore, J. 82419
Thomas, R. *see* Seymour, P.D. 74755
Thomas, R. *see* Wanderer, P. 82421
Thomas, R. *see* Wanderer, P. 82422
Thomas, R.E., Kennedy, E.M., Herring, B.E., Herrick, R.T. A computer-aided algorithm for evaluating thermograms of the hand 67460
Thomas, R.E. *see* Souza, R.J. 58116
Thomas, R.J. *see* Chih-Wen Liu 88942
Thomas, R.J. *see* Jean-Jumeau, R. 77815
Thomas, R.J. *see* Rhodes, C.T. 67812
Thomas, R.M. *see* Beardah, C.C. 61062
Thomas, R.M. *see* Ward, B.D. 65905
Thomas, R.N. *see* Temofonte, T.A. 66482
Thomas, S. *see* Jackson, S.L. 54898
Thomas, S. *see* Smith, T. 76956
Thomas, S., III, Pang, S.W. Dependence of contact resistivity and Schottky diode characteristics on dry etching induced damage of GaInAs 93193
Thomas, S.B. *see* Bird, D. 98533
Thomas, S.M. *see* Bull, D.R. 75651
Thomas, S.R., Cartledge, R.M., Graham, M.R., Patterson, J.A., Poe, D. Field investigations of laser eye protection F-15E aircraft lighting compatibility 99070
Thomas, S.R. *see* Samaratunga, R.C. 67470
Thomas, T., Cattoen, M. Image processing system for detection of weaving defects 79050

Thomas, T., Vishakantantaiah, P., Abraham, J.A. Impact of behavioral modifications for testability 49234
Thomas, T. *see* Micca, G. 64335
Thomas, T.G., Hughes, B.L. Optimal robust signaling with pseudonoise-modulated orthogonal signals 95059
Thomas, T.P. *see* Taylor, S.S. 91921
Thomas, T.R. *see* Zacks, J. 73781
Thomas, V., Fenk, J., Beyer, S. A one-chip 2 GHz single superhet receiver for 2 Mb/s FSK radio communication 97136
Thomas, V.A., Jones, M.E., Piket-May, M., Taflove, A., Harrigan, E. The use of SPICE lumped circuits as sub-grid models for FDTD analysis 55091
Thomas, V.A., Kuok-Mee Ling, Jones, M.E., Toland, B., Jenshan Lin, Itoh, T. FDTD analysis of an active antenna 83816
Thomas, W. *see* Song, H. 98790
Thomas, W.D. *see* Crawley, H.B. 59209
Thomas, W.D. *see* Crawley, H.B. 61775
Thomas, W.D. *see* Crawley, H.B. 88233
Thomas, W.D. *see* Crawley, H.B. 98666
Thomas, W.D. *see* Nutter, S. 88234
Thomas, W.D. *see* Nutter, S. 98697
Thomas Kutty, K.V. *see* Amarendra, G. 87661
Thomason, J.F. *see* Headrick, J.M. 65904
Thomassen, C. Five-coloring graphs on the torus 79595
Thomassen, C. Every planar graph is 5-choosable 79605
Thome, G.D., Ward, B.D. Cooperative ROTHR/Jindalee measurements of equatorial clutter 65903
Thome, G.D. *see* Flaherty, J.P. 65898
Thome, G.D. *see* Providakes, J. 65899
Thome, R.J. Magnet program overview for the International Thermonuclear Test Reactor 82406
Thome, R.J. Design and development of the ITER magnet system 93979
Thome, R.J. *see* Kostenko, A. 82408
Thome, Z. *see* Ariztizabal, F. 98518
Thomee, V. *see* Crouzeix, M. 69895
Thomesse, J.-P. *see* Cardeira, C.B. 58207
Thomesse, J.P. Time and industrial local area networks 58128
Thomine, J.-B. *see* Chandrakumar, V. 75464
Thomine, J.-B. *see* Chandrakumar, V. 97322
Thomine, J.B. *see* Aubin, G. 75397
Thomlinson, W. *see* Thompson, A.C. 88381
Thomopoulos, S.C.A. Data fusion system design and adaptive control 73930
Thomopoulos, S.C.A., Hilands, T.W. High order filter for estimation in non-Gaussian noise 57516
Thomopoulos, S.C.A., Okello, N.N. Distributed and centralized multisensor detection with misaligned sensors 66235
Thomopoulos, S.C.A. *see* Hilands, T.W. 52630
Thompson, A. *see* Hammersley, A.P. 67360
Thompson, A.C., Lavender, W.M., Chapman, D., Gmur, N., Thomlinson, W., Rosso, V., Schulze, C., Rubenstein, E., Giacomini, J.C., Gordon, H.J., Dervan, J.P. A 1200 element detector system for synchrotron-based coronary angiography 88381
Thompson, A.R. *see* Napier, P.J. 58524
Thompson, A.V. *see* Roth, D.R. 77135
Thompson, B., Hae-Seung Lee, DeVito, L.M. A 300-MHz BiCMOS serial data transceiver 52264
Thompson, B. *see* Ferranti, D.C. 81723
Thompson, B. *see* Quimby, R.S. 56716
Thompson, B.E., Couluris, J.P., Pezelj, V. Probe configurations for hot-dome anemometry 66772
Thompson, C. *see* Mulpur, A. 94088
Thompson, C.A. Apparatus for resistance measurement of short, small-diameter conductors 87424
Thompson, C.D., Bernadas, S.R. A digitally-corrected 20b delta-sigma modulator 97873
Thompson, C.J., Murthy, K., Weinberg, I.N., Mako, F. Feasibility study for positron emission mammography 53404
Thompson, C.J. *see* Murthy, K. 88126
Thompson, C.J. *see* Picard, Y. 88414
Thompson, C.J. *see* Picard, Y. 98843
Thompson, C.L. *see* Rieke, M.J. 58787
Thompson, C.L. *see* Williams, D.M. 66424
Thompson, C.V. *see* Frost, H.J. 71405
Thompson, D. The IMOCIM project 48624
Thompson, D., Webberley, A. A low-power laboratory power conditioner 100362
Thompson, D. *see* Aguero, V. 88632
Thompson, D. *see* Harvey, R. 100947
Thompson, D.A. *see* Chen, L. 76069
Thompson, D.A. *see* Miller, T.L. 76079
Thompson, D.A. *see* Swoger, J.H. 83097
Thompson, D.H. *see* Trent, J.R. 79389
Thompson, D.J. *see* Cuddapah, R. 76761
Thompson, D.R., Gotwols, B.L. Comparisons of model predictions for radar backscatter amplitude probability density functions with measurements from SAXON 67838
Thompson, D.R., Gotwols, B.L. Comparisons of model predictions for the total amplitude probability density function with measurements from SAXON FPN 99221
Thompson, D.R. *see* Gotwols, B.L. 67839
Thompson, D.R. *see* Gotwols, B.L. 99219
Thompson, D.S. *see* Qiu, W. 60944
Thompson, G. *see* Cooper, J.M. 58866
Thompson, G. *see* Steinfeld, A. 90687
Thompson, G.H.B. *see* Asghari, M. 58436
Thompson, G.H.B. *see* Asghari, M. 94442
Thompson, G.H.B. *see* Bhumbra, B.S. 56778
Thompson, G.H.B. *see* Czajkowski, I.K. 56437
Thompson, G.H.B. *see* Fells, J.A.J. 75400
Thompson, G.H.B. *see* Ojha, S.M. 56592
Thompson, G.H.B. *see* Whiteaway, J.E.A. 94483
Thompson, G.H.B. *see* Williams, K.A. 72853
Thompson, I.A. *see* Kouadria, D. 100077
Thompson, I.M.G. *see* Kramer, H.M. 88596
Thompson, J. *see* Aksenov, G.A. 52770
Thompson, J. *see* Sudersena Rao, T. 72895
Thompson, J.C., Broadwater, R.P., Rahman, S., Sargent, A. An expert system for integrated protection design with configurable distribution circuits. II 68295
Thompson, J.C. *see* Bateman, J.E. 88015
Thompson, J.C. *see* Broadwater, R.P. 68297
Thompson, J.C. *see* Sargent, A. 90669
Thompson, J.E. Technology trends [digital signal processing] 55280
Thompson, J.G., Fox, B. Adaptive load shedding for isolated power systems 99476
Thompson, J.H. *see* Gopani, S.G. 97071
Thompson, J.R. *see* Jackson, P.L. 79065
Thompson, J.R. *see* Krishnamurthi, K. 80698
Thompson, J.R. *see* Krusin-Elbaum, L. 63282
Thompson, J.S., Grant, P.M., Mulgrew, B. Receiver diversity for spread spectrum 52430
Thompson, K. *see* Cho, Y. 87949
Thompson, K.A., Adolphsen, C., Bane, K.L.F. Multibunch beam break-up in detuned structures [next-generation linacs] 87930
Thompson, K.A., Ruth, R.D. Simulation and compensation of multibunch energy variation in NLC 87821
Thompson, K.A. *see* Ruth, R.D. 66791
Thompson, K.M. *see* Kim, K. 76669
Thompson, K.M. *see* Kim, S.H. 76349
Thompson, K.M. *see* Turner, L.R. 76671
Thompson, L., Westermo, B. A new strain measurement technology for material damage assessment 97974
Thompson, L.L. *see* Dewey, W.C. 98805
Thompson, M. Tips for designing high-gain amplifiers 61568
Thompson, M. *see* Ferrante, F. 97879
Thompson, M. *see* Gelatos, A.V. 71427
Thompson, M. *see* Lam, F. 80752
Thompson, M. *see* Martin, R. 77145
Thompson, M. *see* Matloubian, M. 61935
Thompson, M. *see* Viens, M. 98322
Thompson, M. *see* Wu, J. 98360
Thompson, M. *see* Yanof, A. 81586
Thompson, M.A. *see* Brown, J.J. 55409
Thompson, M.A. *see* Jelloian, L.M. 62861
Thompson, M.A. *see* Matloubian, M. 93504
Thompson, M.A. *see* Pospieszalski, M.W. 80693
Thompson, M.A. *see* Rosenbaum, S.E. 92615
Thompson, M.B. Gaining control of the shop floor 90917
Thompson, M.E. *see* Burrows, P.E. 56565
Thompson, M.W., Halverson, D.R., Wise, G.L. Robust detection in nominally Laplace noise 57532
Thompson, P., Anerella, M., Ganetis, G., Garber, M., Ghosh, A., Greene, A., Gupta, R., Jain, A., Kahn, S.A., Morgan, G., Morgillo, A., Muratore, J., Prodell, A., Rehak, M., Sampson, W., Wanderer, P., Willen, E. "B" series RHIC arc quadrupoles 76655
Thompson, P. *see* Campisi, G.J. 93455
Thompson, P. *see* Gupta, R. 76648
Thompson, P. *see* Lindner, M. 82420
Thompson, P. *see* Morgan, G.H. 87674
Thompson, P. *see* Mullins, J.T. 71302
Thompson, P. *see* Muratore, J. 82419
Thompson, P. *see* Wanderer, P. 82421
Thompson, P. *see* Wanderer, P. 82422
Thompson, P. *see* Wang, S.Y. 63487
Thompson, P.A. *see* Jakowatz, C.V., Jr. 75576
Thompson, P.A. *see* Kahn, S.A. 76651
Thompson, P.E., Godbey, D., Hobart, K., Glaser, E., Kennedy, T., Twigg, M., Simons, D. Parametric investigation of $Si_{1-x}Ge_x/Si$ multiple quantum well growth 61247
Thompson, P.T. *see* Strange, A. 86248
Thompson, R. *see* Duerdoth, I. 88012
Thompson, R. *see* Duerdoth, I. 88207
Thompson, R.A. *see* Chien-Chun Lu 86020
Thompson, R.B. Interpretation of Auld's electromechanical reciprocity relation via a one-dimensional example 55000
Thompson, R.B. Fiber optic sensors advance chemical analysis from afar 58819
Thompson, R.B., Chute, F.S., Vermeulen, F.E. Use of a stealth boundary with finite difference frequency domain simulations of simple antenna problems 51207
Thompson, S. *see* Anderson, J.S. 66130
Thompson, S. *see* Gregg, J. 93897
Thompson, S.L. *see* Basahi, N.A. 68093
Thompson, T.C. *see* Adam, A. 88102
Thompson, T.C. *see* Ambrosi, G. 53302
Thompson, T.T. *see* Lee, Y.S. 99883
Thompson, V., Sinclair, C., Walker, J. A high performance 6-18 GHz IFM system 77792
Thompson, W. *see* Danisch, L. 76026
Thompson, W. *see* Douglas, P. 54998
Thompson, W. *see* Jolic, K.I. 66676
Thompson, W.E. *see* Tao, C.-W. 51535
Thompson, W.E. *see* Tao, C.-W. 51685
Thoms, S. *see* Krauss, T. 83081
Thomsen, A., Brooke, M.A. Low control voltage programming of floating gate MOSFETs and applications 70459
Thomsen, A. *see* Jessen, K.E. 51947
Thomsen, E.V., Hansen, O., Harrekilde-Petersen, K., Hansen, J.L., Shiryaev, S.Y., Nylandsted Larsen, A. Thermal stability of highly Sb-doped molecular beam epitaxy silicon grown at low temperatures: structural and electrical characterization 91473
Thomsen, P.Lykkebo *see* Lykkebo Thomsen, P.
Thomsen, S.V., Fye, G., Abileah, A. Wide-angle, cross-cockpit AMLCD technology 77149
Thomsen, S.V., Hancock, W.R. Extending AMLCD technology into the Space Shuttle cockpit 77148
Thomson, D. *see* Song, J. 87123
Thomson, D.J. Comments on the analysis of low frequency electromagnetic array data 95617
Thomson, D.J., Ebbeson, G.R. A propagating field approach to modal decomposition and source localization 97449
Thomson, D.J. *see* Said, R.A. 60940
Thomson, D.J. *see* Said, R.A. 93562
Thomson, E.M. *see* Rubinstein, M. 59968
Thomson, E.T. *see* Zhang, Y. 82826
Thomson, J.E., Levesque, H., Savov, E., Horwitz, F., Booth, B.L., Marchegiano, J.E. Optical waveguide circuit board with a surface-mounted optical receiver array 50714
Thomson, K.P.B. *see* Toure, A. 59592
Thomson, M.G.R. *see* Taur, Y. 93612
Thomson, M.M., Guillemin, B.J. Design and performance of an algorithm for estimating vocal system parameters 95239
Thomson, N. Applying matrix divide in APL and J 79706
Thomson, N.R. *see* Young, W.F. 97749
Thomson, P. *see* Guan, Z. 93602
Thomson, R. *see* Ludwig, F. 56252
Thomson, T. *see* O'Grady, K. 71982
Thon, T. *see* Belolaptikov, I.A. 59156
Thong, J.T.L. *see* Ying, M.H. 83469
Thonissen, M. *see* Berger, M.G. 62255
Thonke, K. *see* Baier, T. 94257
Thonnat, M. *see* Shekhar, C. 95597
Thor, T. *see* Momoh, J.A. 53743
Thor, T. *see* Momoh, J.A. 78240
Thor, T. *see* Momoh, J.A. 89247
Thorburn, M. *see* Imbriale, W.A. 58523
Thordson, J.V. *see* Hsu, C.C. 79856
Thorley, A.M. *see* Batchellor, C.R. 97302
Thorn, J.H. A software selfcheck program for the TMS320C40 floating-point digital signal processor 70644
Thorn, M. *see* Borges, M. 69391
Thornburg, K.S. *see* Balle, S. 56781
Thornburg, T. High efficiency costs for injection molding machines 79048
Thorndahl, L. *see* Carron, G. 67143
Thorndahl, L. *see* Guignard, G. 87723
Thorne, D.H. *see* Helal, I. 99459
Thorne, P.D., Hardcastle, P.J., Flatt, D., Humphery, J.D. On the use of acoustics for measuring shallow water suspended sediment processes 59568
Thornhill, R.J. *see* Barker, R.W. 58626
Thornley, D., Shocket, A. 25 years experience of outdoor polymeric insulation 89330
Thornton, A. *see* Richardson, T. 71837
Thornton, B.S., Bloomell, C., Thornton, F. Comparison of centralised and decentralised CT radiology services using separated scan heads, IT and high speed communication links—a new telemedicine study 88393
Thornton, F. *see* Thornton, B.S. 88393
Thornton, J.T. *see* Velu, E.M.T. 63179
Thornton, K. *see* Ramesh, V. 74604
Thornton, K.E.B., Goodwin, A.R., Anslow, P.J., Davies, I.G.A., Wright, A.P., Quinlan, S., Hickling, S. Reliability assessment of multiwell distributed feedback laser source for direct detection links at 2.6 Gbit/s 50846
Thornton, L.E. *see* Coster, A.J. 65908
Thornton, R., Jr. *see* Franks, E. 88909
Thornton, R.L. *see* Bour, D.P. 63787
Thornton, T. Integrated navigation for ocean racing boats 65944
Thornton, T.J. *see* O'Neill, D.J.C. 81321
Thornton, T.J. *see* Sakakibara, H. 93519
Thorp, J. *see* Rovnyak, S. 89003
Thorp, J.S. *see* Chih-Wen Liu 88942
Thorpe, L.J., Nagumo, F., Ishikawa, K. A comparison between HD Hyper-HAD CCD camera and color film for television program production 75733
Thorpe, S.C. *see* Bell, N.A. 71010
Thorpe, S.C. *see* Crouch, D. 66525
Thorpe, S.C. *see* O'Rourke, J. 87334
Thorpe, S.C. *see* Wilson, A. 66548
Thorsell, L. *see* Lindman, P. 68826
Thorsen, P. *see* Dybdal, K. 56729

Thorsen, P. *see* Obro, M. 75500
Thorud, G. Message handling systems 85485
Thory, N. Security aspects of telecommunication management networks and systems especially for fibre-in-the-loop systems (FITL) 52531
Thottappillil, R. *see* Tan, O.T. 89008
Thottuvelil, V.J., Tsai, F.-S., Moore, D. Application of switched-circuit simulators in power electronics design 49163
Thouin, L., Guillemoles, J.F., Massaccesi, S., Ortega Borges, R., Sanchez, S., Cowache, P., Lincot, D., Vedel, J. Physical properties of electrodeposited copper indium diselenide thin films and junction realization 81260
Thouin, L. *see* Guillemoles, J.F. 90397
Thouvenin, X., Aminian, K., Robert, P., Seydoux, J., Girardier, L. Respiration detection on freely moving rats using linear models 97943
Thouvenot, N. Urban video surveillance system 75767
Thrane, E.V., Jodalen, V., Stewart, F., Saleem, D., Katan, J. Study of measured and predicted reliability of the ionospheric HF communication channel at high latitudes 94809
Thrane, E.V. *see* Jodalen, V. 94826
Thrash, R.J., Johnson, L.F. Upconversion laser emission from Yb^{3+}-sensitized Tm^{3+} in BaY_2F_8 56896
Thrash, R.J. *see* Owen, J.J. 56701
Thrift, P.R. *see* Katz, A.J. 84738
Throckmorton, P.J., Wozniak, L. A generic DSP-based real-time simulator with application to hydrogenerator speed controller development 78539
Throckmorton, R.A. *see* Harris, D.O. 94077
Throne, R.D., Olson, L.G. A generalized eigensystem approach to the inverse problem of electrocardiography 76984
Throngnumchai, K. A study on the effect of the gate contact geometry and dimensions on ESD failure threshold level of power MOSFET's 71662
Thronson, H.A., Jr., Hawarden, T.G., Bally, J., Rapp, D., Stern, S.A. The Edison infrared space observatory and the study of extra-solar planetary material 97503
Thrush, E.J., Glew, R.W., Greene, P.D., Gibbon, M.A., Armistead, C.J., Smith, A.D., Briggs, A.T.R., Scarrott, K., Czajkowski, I.K., Jones, C.J., Patel, B.L. The growth of 1550 nm integrated laser/modulator structures by MOCVD 54901
Thrush, E.J. *see* Fells, J.A.J. 75400
Thual, M. *see* Dupont, H. 83098
Thue, W.A. *see* Walton, M.D. 78096
Thuener, K. *see* Ungering, A.P. 49493
Thul, M. *see* Szczurko, P. 79482
Thulin, L. *see* Erickson, R. 77064
Thulke, W. *see* Achatz, V. 94315
Thulke, W. *see* Braun, K. 86150
Thum, C. *see* Baars, J.W.M. 58526
Thumfart, D. *see* Enichlmair, H. 58738
Thumm, G. *see* Johnson, R.K. 68180
Thumm, G. *see* Rent, K. 59815
Thumm, M. *see* Wien, A. 55508
Thun, R. *see* Chapman, J.W. 59148
Thunborg, J. *see* Zhao, T. 59125
Thuot, M.E., Dalesio, L.R. Control system architecture: the standard and nonstandard models 76329
Thurai, M., Kumagai, H., Kozu, T. Improvements to a range profiling algorithm proposed for spaceborne rain-radar 77406
Thurai, M. *see* Goddard, J.W.F. 52634
Thurai, M. *see* Kumagai, H. 77358
Thurairaj, M. *see* Jau-Wen Chen 50034
Thuraisingham, G. *see* Pham, D. 92287
Thurber, W.R. *see* Lowney, J.R. 58945
Thuries, E., Girodet, A., Collet, M. Evolution of SF_6 pressure at constant volume versus temperature between liquefaction point and +20°C experiment by Thuries 78748
Thuries, E., Voisin, G. 420-550 kV gas insulated transmission lines 53752
Thuries, E., Voisin, G. 420-550 kV gas Electroduc: gaseous insulation, an underground solution for long distance 68229
Thuring, M., Hannemann, J., Haake, J.M. Hypermedia applications for distance education and training 96444
Thurlow, A.R. *see* Bailey, S.A. 72322
Thurlow, M.H. EM transients—the new threat 51124
Thurner, Y. *see* Haberland, H. 91636
Thursby, M.H., Hsu, R. Phase control of a micropatch antenna element 83830
Thurston, A.M., Hawksford, M.J. Phase correction techniques for bandpass sigma delta A-D converters 49514
Thurston, D.L. Environmental design trade-offs 60898
Thurston, R.N. Historical note: Warren P. Mason (1900-1986) physicist, engineer, inventor, author, teacher 69657
Thurzo, I., Gmucova, K. Switching between deep-level transient spectroscopy and feedback charge capacitance modes in a versatile time-domain spectrometer 76186
Thurzo, I. *see* Pincik, E. 71360
Thust, A. *see* Herrmann, K. 93937
Thust, H. High-frequency elements and components in thick-film multilayer circuits 81092
Thuy Lan Dau Thi *see* Dau Thi Thuy Lan
Thuy Nam, N. *see* Callemyn, J.M. 75153
Thyagarajan, K., Chien, C.W., Ramaswamy, R.V., Kim, H.S., Cheng, H.C. Proton-exchanged periodically segmented waveguides in $LiNbO_3$ 63469
Thylen, L., Palm, T. Switch energies of electronic and optical switches: a simple comparative study 72431
Thylen, L. *see* Ctyroky, J. 94939
Thyssen, J., Hansen, S.D. Using neural networks for vector quantization in low rate speech coders 84062
Tian, F., Harizi, C., Herrmann, H., Reimann, V., Ricken, R., Rust, U., Sohler, W., Wehrmann, F., Westenhofer, S. Polarization-independent integrated optical, acoustically tunable double-stage wavelength filter in $LiNbO_3$ 75470
Tian, H., Hulfachor, R.B., Ellis-Monaghan, J.J., Kim, K.W., Littlejohn, M.A., Hauser, J.R., Masnari, N.A. An evaluation of super-steep-retrograde channel doping for deep-submicron MOSFET applications 93374
Tian, H., Kim, K.W., Littlejohn, M.A., Woolard, D.L. Application of near-ballistic transport in ultra-high-speed devices based on the potentials and limitations of a heterojunction launcher 62912
Tian, H., Nonami, K. Robust control of flexible rotor-magnetic bearing systems using discrete time sliding mode control 93898
Tian, H. *see* Woolard, D.L. 81761
Tian, W.-H. *see* Cennini, P. 67285
Tian, W.H. *see* Bai, J.Z. 53324
Tian, W.H. *see* Cennini, P. 76755
Tian Baiqiang *see* Baiqiang Tian
Tian Chengyun *see* Chengyun Tian
Tian He *see* He Tian
Tian Hong *see* Hong Tian
Tian Li The IBM RS/6000 workstation and its application in power industry 99535
Tian Lifeng *see* Wang Shengqi 97817
Tian Qian *see* Wang Yibing 58818
Tian Shiming *see* Shiming Tian
Tian Weidong The principle of minimum production cost model for multiple area interconnected power systems 99523
Tian Wen Bin Brushless exciter of synchronous motor 89904
Tian Wenshun, Huang Chengqing, Wong, G.G., Lin Kexong Integrated access and cross-connect system trail results 85470
Tian Wenshun, Hui Guanghui, Ni Weizhen, Wang Dejun Integration of LD-CELP and echo canceller 85956
Tian Wenshun *see* Hui Guanghui 85955
Tian Zhihai *see* Zhihai Tian
Tian Zhiyu *see* Zhiyu Tian
Tian Zhong, Shen Yongchao VHDL design automation and data modeling 71753
Tian-Bin Xu *see* Ke-Ming Wang 93134
Tian-bing Xu, Pei-ran Zhu, Jun-si Zhou, Daiqing Li, Baoan Gong, Ya Wan, Shanming Mu, Qingtai Zhao, Zhong-lie Wang RBS studies of the lattice damage caused by 1 MeV Si^+ implantation into $Al_{0.3}Ga_{0.7}As/GaAs$ superlattices at elevated temperature 55715
Tian-Bing Xu *see* Ke-Ming Wang 93116
Tian-bing Xu *see* Qing-tai Zhao 55716
Tian-Hao Tang *see* Din-Xin Shen 89570
Tian-Hu Yu, Mitra, S.K. A novel algorithm for the restoration of AFM/STM images 96118
Tian-Hu Yu *see* Mitra, S.K. 64649
Tian-Hua Liu, Chien-Ping Cheng Adaptive control for a sensorless permanent-magnet synchronous motor drive 78600
Tian-Hua Liu, Pi-Chieh Wang Implementation of a single phase induction motor control on a DSP based system 100135
Tian-Rua Liu, Pi-Chieh Wang Adjustable switched capacitor control for a single-phase induction motor 100144
Tian-Tsair Su *see* Chung-Ju Chang 75284
Tian-Wei Huang, Houshmand, B., Itoh, T. Efficient modes extraction and numerically exact matched sources for a homogeneous waveguide cross-section in a FDTD simulation 80561
Tian-You Yuan, Bao-Hui Yuan, Da Cao, Hong-Zi Jia Design and application of high-pressure-withstand and microsecond-responsive surface high-temperature transducer 97921
Tianchi Ma *see* Ma Tianchi
Tianchun Ye *see* Ozasa, K. 61313
Tianhu Lei, Zuo Zhao, Sewchand, W. An unsupervised non-model based image analysis approach — block processing 64669
Tiankang Liao *see* Liao Tiankang
Tianlin Dong *see* Dong Tianlin
Tianmin Han *see* Shiming Tian 59739
Tianmin Han *see* Han Tianmin
Tianmin Lei *see* Lei Tianmin
Tianning Zhang, Tsigaridas, P.-G. A knowledge-based model for network service management 96482
Tiano, A. *see* Grassia, F. 99239
Tianping Chen *see* Hong Chen 74209
Tianquan Deng, Hui Zhu, Zheng Liang Electromagnetically pumped free-electron laser in the scheme of separate interaction space from pump wave generator 63864
Tianrong Zhou *see* Zejian Liu 80252
Tianshui Ye *see* Ye Tianshui
Tianxiong Fu *see* Dave, R.N. 84909
Tianying Ji, Zuoying Wang, Dajin Lu A method for Chinese syllables recognition based upon subsyllable hidden Markov model 95362
Tianying Ren, Brechtelsbauer, P.B., Miller, J.M., Nuttall, A.L. Cochlear blood flow measured by averaged laser Doppler flowmetry (ALDF) 67515
Tianyun Li *see* Li Tianyun
Tiaosheng Tong *see* Tong Tiaosheng
Tiba-Ghigea, M. *see* Gheysens, R. 54030
Tibaudo, C. *see* Moreau, J.-M. 76154
Tiberg, H. *see* Lundgren, A. 50388
Tiberghien, A. *see* Grea, J. 79181
Tiberio, C.A. *see* Franconi, C. 67619
Tiberio, R., Maci, S. An incremental theory of diffraction: scalar formulation 73278
Tiberio, R. *see* Martin, R.D. 63847
Tibi, G. *see* Callemyn, J.M. 75153
Tibuleac, S. *see* Petris, A. 64026
Ticac, A., Kos, S. Use of laser in maritime navigation 97440
Tice, T.E. *see* Cressler, J.D. 93355
Tice, T.E. *see* Harame, D.L. 93579
Tichavsky, P., Handel, P. Efficient tracking of multiple sinusoids with slowly varying parameters 84282
Tichavsky, P. *see* Handel, P. 95484
Tichem, M., Cohen, M.S. Subμm registration of fiducial marks using machine vision 72348
Tichenor, D.A., Kubiak, G.D., Malinowski, M.E., Stulen, R.H., Haney, S.J., Berger, K.W., Nissen, R.P., Wilkerson, G.A., Paul, P.H., Birtola, S.R., Jin, P.S., Arling, R.W., Ray-Chaudhuri, A.K., Sweatt, W.C., Chow, W.W., Bjorkholm, J.E., Freeman, R.R., Himel, M.D., MacDowell, A.A., Tennant, D.M., Fetter, L.A., Wood, O.R., II, Waskiewicz, W.K., White, D.L., Windt, D.L., Jewell, T.E. Development of a laboratory extreme-ultraviolet lithography tool 81591
Tichy, R.F. *see* Grabner, P.J. 91179
Tickoo, A.K., Bhat, C.L., Koul, R., Kaul, I.K., Kaul, S.K., Kaul, S.R. A computer-programmable delay-generator scheme for the TACTIC gamma-ray telescope 98658
Tidemand-Petersson, P. *see* Albrektsen, O. 56816
Tidhar, G., Reiter, G., Avital, Z., Hadar, Y., Rotman, S.R., George, V., Kowalczyk, M.L. Modeling human search and target acquisition performance. IV. Detection probability in the cluttered environment 51709
Tidrow, M.Z. *see* Choi, K.K. 87195
Tidrow, M.Z. *see* Lee, C.Y. 58763
Tidrow, M.Z. *see* Lee, C.Y. 71605
Tidwell, S.C. *see* Kimura, W.D. 76628
Tie Gao *see* Gao Tie
Tie Jun Zhang *see* Zhang Tie Jun
Tie Manxia *see* Gui Luoning 85904
Tie-Sun Kang *see* Xing-Zhong Li 88162
Tiebin Zhao, Illan, J., Cohol, J.M., Hinton, R.D., Sebo, S.A., Kasten, D.G. Design, construction and utilization of a new reduced-scale model for the study of hybrid (AC and DC) line corona 89262
Tiebing Jiang *see* Jiang Tiebing
Tiede, U. *see* Pommert, A. 84628
Tiede, U. *see* Schiemann, T. 57684
Tiedje, T. *see* Johnson, S.R. 54879
Tiedje, T. *see* Mak, A. 71273
Tiee, J. *see* Eichinger, W.E. 77343
Tieer Gu, Ditizio, R.A., Fonash, S.J., Awadelkarim, O.O., Ruzyllo, J., Collins, R.W., Leary, H.J. Carnage to Si substrates during SiO_2 etching: a comparison of reactive ion etching and magnetron-enhanced reactive ion etching 55798
Tiefel, T.H. *see* McCormack, M. 49764
Tiefenbacher, M., Caldera, P., Dielacher, F., Hauptmann, J., Steiner, M. A four-channel CMOS codec filter circuit "SICOFI-4" 85953
Tiefenback, M. *see* Chao, Y. 67004
Tiefenback, M.G., Krafft, G.A. Compensation of RF-induced energy spread in the CEBAF injector chopping system 66968
Tieger, D. *see* Averill, R. 76690
Tieger, D. *see* Averill, R. 76691
Tieger, D. *see* Flanz, J.B. 76342
Tieger, D. *see* Mandeville, J.B. 76855
Tieger, D.R., Zumbro, J.D., Sapp, W.W. Magnetic measurement of quadrupole and sextupole magnets for the MIT-Bates South Hall Ring (SHR) 76677
Tieger, D.R. *see* Farkhondeh, M. 76712
Tieh-Yuh Chen, Klarquist, W.N., Bovik, A.C. Stereo vision using Gabor wavelets 57814
Tiehui Liu *see* Liu Tiehui
Tiejian Luo *see* Zifan He 96111
Tiejin Li *see* Changzhi Gu 66579
Tiejun Cui *see* Cui Tiejun
Tiejun Liu *see* Liu Tiejun
Tielen, J. *see* Van Ginderdeuren, J. 75781
Tielmans, L. *see* D'Haeger, V. 80957
Tieman, T.C.B. Monolithic microwave integrated circuits: applications and design 92626
Tiemann, E. *see* Kremser, S. 83076
Tiemann, J.J. *see* Zina Ben-Miled 84369

Tiemeijer, L.F., Thijs, P.J.A., van Dongen, T., Jansen, E.J., Binsma, J.J.M. Direct electronic compensation of the amplification nonlinearity in semiconductor laser amplifiers 50806
Tiemeijer, L.F. *see* de Waardt, H. 58417
Tiemeijer, L.F. *see* Thiis, P.J.A. 63778
Tiemeyer, B., Cannon, M.E., Lachapelle, G., Schanzer, G. Satellite navigation for high precision aircraft navigation with emphasis on atmospheric effects 65971
Tiemin Zhao, Min Cao, Plummer, J.D., Saraswat, K.C. A novel floating gate spacer polysilicon TFT 93403
Tiemin Zhao, Min Cao, Saraswat, K.C., Plummer, J.D. A vertical submicron polysilicon thin-film transistor using a low temperature process 93387
Tiemin Zhao *see* Mino Cao 80320
Tien, C.L. *see* Qiu, T.Q. 53074
Tien, H.T. *see* Leitmannova-Ottova, A. 87306
Tien, H.T. *see* Tvarozek, V. 66513
Tien, P.K. *see* Tzu-Yin Chiu 62712
Tien Sheng Chao, Tan Fu Lei, Chun Yun Chang, Chung Len Lee Measurement of thin oxide films on implanted Si-substrate by ellipsometry 55672
Tien Tzu-Chie *see* Tzu-Chie Tien
Tien-Hsin Chao, Lau, B., Miceli, W.J. Optical implementation of a matching pursuit for image representation 74459
Tien-Ko Wang *see* Pin-Chieh Hsu 99015
Tien-Shou Wu *see* Wei-Chou Hsu 50045
Tiensuu, A.-L. *see* Bexell, M. 68662
Tiensuu, S. *see* Soderbarg, A. 93111
Tiensyrja, K. *see* Karkkainen, M. 49713
Tierney, S. *see* Bernecker, C.A. 90638
Tierno, J.A., Martin, A.J., Borkovic, D., Tak Kwan Lee A 100-MIPS GaAs asynchronous microprocessor 55300
Tiersten, H.F. *see* Zhou, Y.S. 93775
Tiesheng Kong *see* Kong Tiesheng
Tieta Gao *see* Gao Tieta
Tietsworth, S.C. Measurement of transmit system bandwidths on very high power low frequency transmit antenna systems 94990
Tietun Sun *see* Sun Tietun
Tiexia Huang *see* Huang Tiexia
Tigeev, S.V. *see* Ippolitov, I.I. 99926
Tigelaar, H. *see* Golshan, K. 55764
Tigges, C.P. *see* Baca, A.G. 71734
Tigges, C.P. *see* Hietala, V.M. 70814
Tigges, C.P. *see* Zhang, D. 98287
Tighe, R. *see* Krejcik, P. 76509
Tighe, R. *see* Minty, M. 76510
Tigin, D.V., Lavrentev, A.A., Gary, C.K. Spatial phase coding for incoherent optical processors 72532
Tiginyanu, I.M. *see* Radautsan, S.I. 62168
Tiginyanu, I.M. *see* Radautsan, S.I. 62401
Tigner, M. Is there a future for high energy accelerators? 87657
Tigner, M. *see* Akai, K. 67058
Tigner, M. *see* Chen, T. 87802
Tigner, M. *see* Hartung, W. 87731
Tigner, M. *see* Kirchgessner, J. 67104
Tigner, M. *see* Kirchgessner, J. 67105
Tigner, M. *see* Moffat, D. 67120
Tigner, M. *see* Nordberg, E. 66815
Tihanyi, P.L., Jain, F.C., Robinson, M.J., Dixon, J.E., Williams, J.E., Meehan, K., O'Neill, M.S., Heath, L.S., Beyea, D.M. High power AlGaAs-GaAs visible diode lasers 72914
Tihao Chiang, Anastassiou, D. Hierarchical coding of digital television 52700
Tijou, J. *see* Redman-White, W. 86693
Tikhomirov, A. *see* Itoh, K.M. 49849
Tikhomirov, A.E. *see* Svakhin, A.S. 64019
Tikhomirov, A.E. *see* Sychugov, V.A. 64020
Tikhomirov, B.D. *see* Andreev, Yu.M. 69153
Tikhonenko, L.K. *see* Nigmatulin, B.I. 99846
Tikhonov, D.S. *see* Badalyan, V.G. 55006
Tikhonov, E.A. *see* Rozuvan, S.G. 94368
Tikhonov, E.A. *see* Smirnova, T.N. 56951
Tikhonov, E.A. *see* Smirnova, T.N. 73179
Tikhonov, E.A. *see* Vashchuk, V.I. 56455
Tikhonov, F.V. *see* Arshinov, K.I. 80203
Tikhonov, Y. *see* Benary, O. 53327
Tikhonov, Y. *see* Benary, O. 98517
Tikhonov, Y. *see* Benary, O. 98640
Tikhonov, Yu.A. *see* Aulchenko, V.M. 67341
Tikhonova, A.A. *see* Wu Xuehua 70025
Tikhonovskiy, I.E. *see* Kirmasov, V.I. 58447
Tikotskii, A.E. *see* Dralyuk, B.N. 60636
Tikunov, V.S., Borisov, V.M., Krasovskaia, T.M. Expert system for thematic contents selection of ecological-geographic maps for industries location 77671
Tilado, O. *see* Urban, G. 66512
Tilak, A.S. *see* Leupold, H.A. 50380
Tilak, A.S. *see* Leupold, H.A. 50381
Tilborg, H.C.A.van *see* van Tilborg, H.C.A.
Tilden, R. *see* Avery, R.E. 59132
Tiler, C., Metcalfe, S., Connell, D. Business expansion through entrepreneurship: the influence of internal and external barriers to growth 60833
Tilford, C. *see* Sinton, R.A. 100629
Tilford, C. *see* Verlinden, P.J. 100613
Tilford, C.L., Sinton, R.A., Swanson, R.M., Crane, R.A., Verlinden, P. Development of a 10 kW reflective dish PV system 100724
Tilford, C.R. Three and a half centuries later—the modern art of liquid-column manometry 66724
Tilford, C.R., Looney, J.P. Vacuum measurement: The basics 98350
Tilgner, R., Alpern, P., Baumann, J., Pfannschmidt, G., Selig, O. Changing states of delamination between molding compound and chip surface: a challenge for scanning acoustic microscopy 79329
Till, J.W.J.Baron Van *see* Baron Van Till, J.W.J.
Tillack, B. *see* Richter, H.H. 93187
Tiller, D.K., Phil, D., Newsham, G.R. Automatic power management of desktop computers 69024
Tiller, D.K. *see* Newsham, G.R. 79039
Tillerot, F. *see* Dupont, H. 83098
Tilley, D.G., Dobson, F.W., Buckley, J.R., Lalbeharry, R. Progress in SAR ocean wave spectral simulation and inversion using ERS-1 and Almaz satellite imagery and in-situ data from the Grand Banks experiment 77481
Tilley, J.N. *see* Hagerty, S.P. 74361
Tilley, K.A. *see* Carroll, J.M. 73525
Tilley, K.J., Williams, D.J., Conway, P.P. Offshore development of electronic products 69489
Tilli, T. Fuzzy logic in electronics. I. Fundamental principles and requirements for fuzzy chips 55352
Tillich, J.-P., Zemor, G. Group-theoretic hash function 73641
Tillman, C. *see* Svanberg, S. 50784
Tillmann, M. *see* Hientz, M. 75231
Tillotson, B.J. *see* Feonychev, A.I. 77109
Tilmans, H.A.C., Legtenberg, R. Electrostatically driven vacuum-encapsulated polysilicon resonators. II. Theory and performance 97954
Tilmans, H.A.C. *see* Jansen, H.V. 54997
Tilmans, H.A.C. *see* Legtenberg, R. 62471
Tilmans, H.A.C. *see* Legtenberg, R. 97953
Tiltges, D.L., Taylor, C.E., Korus, J.F., Mendler, R.A. Upgrade of U.S. Steel's Gary No. 1 electrogalvanizing line and control system 69261
Tiltman, M. *see* Austregesilo, H. 99864
Tilton, C.L. *see* Tilton, D.E. 91084
Tilton, D.E., Tilton, C.L., Moore, C.J., Ackerman, R.E. Spray cooling for the 3-D cube computer 91084
Tilton, M. Challenges of manufacturing LCDs from active matrices 87383
Tim Tsai, Y. *see* Yong-Cheng Liou 76086
Timar, P.L., Hunyar, M., Lai, J.C.S. The invisible power station or the big promises in energy savings 78875
Timashova, L.V. *see* Krylov, S.V. 78148
Timbrell, P.Y. *see* Pigram, P.J. 82563
Timchenk, I.N. *see* Danilova, T.N. 72627
Timchenko, B.A. *see* Bagayev, S.N. 86882
Timchenko, I.N. *see* Danilova, T.N. 56795
Timerov, R.Kh. *see* Zhogov, S.A. 71444
Timko, A.G. *see* Munzel, N. 81617
Timm, S. *see* Bruckner, W. 88025
Timm, S. *see* Epstein, J. 65292
Timm, S. *see* Russ, J. 59135
Timmer, C.A. *see* Nguyen, D.C. 83193
Timmer, C.A. *see* Sheffield, R.L. 76385
Timmer, R. *see* Belmans, R. 69126
Timmermann, D., Rix, B., Hahn, H., Hosticka, B.J. A CMOS floating-point vector-arithmetic unit 55212
Timmermans, C.J. *see* Botman, J.I.M. 50884
Timmermans, C.J. *see* Botman, J.I.M. 76696
Timmermans, C.J. *see* van der Heide, J.A. 67145
Timmermans, C.J. *see* Wetzels, S.F.C.L. 76708
Timmert, H.-P. *see* Bonicelli, T. 99913
Timmons, M.L. *see* Ahrenkiel, R.K. 100682
Timmons, M.L. *see* Hutchby, J.A. 100443
Timmons, M.L. *see* Sharps, P.R. 100668
Timmons, M.L. *see* Venkatasubramanian, R. 82848
Timmons, M.L. *see* Venkatasubramanian, R. 100679
Timmons, M.L. *see* Venkatasubramanian, R. 100688
Timo, G.L. *see* Flores, C. 100739
Timo Koski *see* Janzura, M. 73569
Timofeev, A.N. *see* Sukhoparov, S.A. 97998
Timofeev, I.B. *see* Ershov, A.P. 90465
Timofeev, M.K. *see* Gushchin, E.M. 53316
Timofeev, M.K. *see* Gushchin, E.M. 71019
Timofeyev, M.A. *see* Polushkin, V.M. 69936
Timonin, A.S., Tsimbalov, S.A. Quality of the installment of intrareactor thermocouples in VVER channels 99915
Timoshenko, G.N. *see* Aleinikov, V.E. 67657
Timoshenko, N.I. *see* Arakelyan, E.K. 99958
Timoshenko, S.V. *see* Manzhos, V.N. 51478
Timoshenko, V.D., Vainshtein, P.G., Limorenko, P.M. Small programmable controller with remote input-output units 69087
Timoshenko, V.Yu. *see* Dittrich, T. 62453
Timoshpol'skii, V.I. *see* Paderin, P.S. 60638
Timothy, K.I. *see* Barbara, A.K. 73349
Timp, G.L. *see* Berggren, K.K. 71454
Timucin, D.A., Walkup, J.F., Krile, T.F. Statistical analysis and modeling of analog optical processors 50641
Timusk, T. *see* Navarro, H. 94253
Tin, G.Del *see* Del Tin, G.
Tin, T. *see* Pavlou, G. 96502
Tincknell, M. *see* Hauger, A. 55872
Tindall, C.E., Mingzhou Xu Attenuation of power fluctuations on the Islay wave power system 60125
Tindall, C.E., Mingzhou Xu Simulation study and optimisation for the Islay wave power project 99972
Tindall, C.E. *see* Morrow, D.J. 60181
Tindall, C.E. *see* Morrow, D.J. 60192
Tindo, I.P. *see* Mikerov, V.I. 74015
Ting, A., Fisher, A., Fischer, R., Grun, J., Krall, J., Esarey, E., Sprangle, P., Umstadter, D., Mourou, G. A 100 MeV proof-of-principle laser wakefield accelerator experiment 76371
Ting, A. *see* Krall, J. 76370
Ting, A.C. *see* Cha-Mei Tang 92878
Ting, C.H. *see* Ling, W.Y. 56121
Ting, G. Establishment of the national compact cyclotron and isotope production facility in Taiwan 87640
Ting, G. *see* Song, P.S. 87799
Ting, P.-Y. *see* Lin, C.-H. 73887
Ting, R.Y. *see* Rittenmyer, K.M. 82153
Ting, S.C.C. *see* Ahlen, S. 98641
Ting, W., Petti, C., Radigan, S., Ramkumar, K., Trammel, P. Anomalous Ti SALICIDE gate to source/drain shorts induced by dry Si etch during $TiSi_2$ local interconnect formation 81563
Ting, W. *see* Helm, M. 71799
Ting, Y.-M. IBM ARPA ASEM foundry 49733
Ting Chen, Scott, J.F. Thermal focussing and optical bistability in ferroelectrics 56855
Ting Chen, Scott, J.F., Phillipson, P.E. Theoretical models of ferroelectric-photonic sensors 93807
Ting Hwang Ting *see* Ting Ting Hwang
Ting Li *see* Li Ting
Ting Luo *see* Hoping Zeng 72963
Ting Pei-Yih *see* Pei-Yih Ting
Ting Ting Hwang *see* Kuo Hua Wang 80250
Ting Wang *see* Yao Li 52286
Ting Wang *see* Yao Li 58385
Ting Yung-Chao *see* Yung-Chao Ting
Ting-Bei Tang *see* Scrobohaci, P.G. 71560
Ting-Chuen Pong *see* Yuk-Kwan Ho, A. 95932
Ting-Chung Chen *see* Shaw-Min Lei 85916
Ting-Chung Poon, Ho, K.C. Real-time optical image processing using difference-of-Gaussians wavelets 74458
Ting-Ho Lo, J. Synthetic approach to optimal filtering 84250
Ting-Kuang Chiang, Kagi, N., Fong, T.K., Marhic, M.E., Kazovsky, L.G. Cross-phase modulation in dispersive fibers: theoretical and experimental investigation of the impact of modulation frequency 72310
Ting-Pang Lin, Chaur-Heh Hsieh A modular and flexible architecture for real-time image template matching 70570
Ting-Ting Hwang, Owens, R.M., Irwin, M.J., Kuo Hua Wang Logic synthesis for field-programmable gate arrays 80276
Ting-Ting Hwang *see* How-Rern Lin 49326
Ting-Ting Lin *see* Huoy-Yu Liou 80047
Ting-Wei Hou *see* Chin-Yuan Chang 74995
Ting-Wei Tang *see* Abramo, A. 81195
Ting-Wei Tang *see* Adams, J.G. 49939
Ting-Wei Tang *see* Hjelmgren, H. 62242
Ting-wei Tang *see* Scrobohaci, P.G. 49942
Ting-Yang Zhou *see* Xing-Zhu Zhang 100369
Ting-Yu Chang, Ching-Tsai Pan A practical vector control algorithm for μ-based induction motor drives using a new space vector current controller 54165
Ting-Yu Chang, Kuie-Lin Lo, Ching-Tsai Pan A novel vector control hysteresis current controller for induction motor drives 78853
Ting-Yu Chang *see* Ching-Tsai Pan 55128
Ting-Yu Chang *see* Ching-Tsai Pan 100838
Ting-Yu Chang *see* Ching-Tsai Pan 100841
Tinga, W.R. *see* Weiguo Xi 66653
Tinge Hui Huang *see* Hs, I.C. 76602
Tingjie Zhao, Zundu Luo, Yichuan Huang, MinWang Qio, Guang Chen Experimental study of laser-diode end-pumped Nd:$YAl_3(BO_3)_4$ laser at 1.06 μm 63688
Tingleff, J., Toumazou, C. Biquads and allpass functions in current mode wave active filters 70729
Tinglu Ye *see* Ye Tinglu
Tingting Zhang *see* Zhang Tingting
Tinin, M.V. *see* Kulizhskii, A.V. 73358
Tinin, M.V. *see* Kulizhskii, A.V. 83636
Tinin, M.V. *see* Kulizhsky, A.V. 64143
Tinini, R. *see* Agostini, A. 85919
Tinker, E. *see* Jabri, M. 49593
Tinkham, R. *see* Weston, B. 78402
Tinley, G.J. The law and emergency lighting 54242
Tinney, W.F. *see* Irisarri, G.D. 53653
Tinney, W.F. *see* Irisarri, G.D. 77838
Tinschert, K. *see* Spadtke, P. 53274
Tinsley, J.R. *see* Wagner, R.S. 59107
Tinsley, R.H. *see* Lanzoni, J.A. 89440
Tiphene, D. *see* Cesarsky, C.J. 52955
Tipisev, S.Ya. *see* Golubok, A.O. 54831
Tipisev, S.Ya. *see* Ledentsov, N.N. 70012
Tipnis, V.A. Towards a comprehensive methodology for competing on ecology: how to integrate competitive strategy and corporate financial

objectives with life cycle, environmental impact and improvement analyses? 90871
Tipografshchik, G.I. *see* Gushchin, E.M. 53316
Tippe, W. Field distributions in the vicinity of transmitting antennas for convertor and mobile radio installations 58320
Tipper, D. *see* Balakrishnan, K. 85837
Tipper, D. *see* Suri, S. 64928
Tippet, J.C., Shiau, M.J. Circuit transformations for realization of a class of miniature printed circuit filters 92473
Tipping, K. *see* Somers, M.L. 99287
Tipton, C.W. *see* Scozzie, C.J. 62868
Tipton, G.D. *see* Blain, M.G. 71394
Tipton, M. *see* Zimmerman, D.E. 90817
Tipton, P. *see* Amidei, D. 98639
Tirabassi, A. *see* Nichelatti, E. 72981
Tirakis, A., Kollias, S. Efficient image classification using neural networks and multiresolution analysis 74513
Tirakis, A. *see* Delopoulos, A. 64723
Tiren, I. *see* Knapp, R.W. 60048
Tiret, C. *see* Rebiere, D. 66181
Tirkel, A.Z., Osborne, C.F. High resolution polarimetric FMCW radar 70204
Tirole, N., Choujaa, A., Hauden, D., Martin, G., Blind, P., Froelicher, M. Lamb waves pressure sensor using an AlN/Si structure 98348
Tironi, E. *see* Montanari, G.C. 69224
Tirozzi, B. *see* Antonucci, M. 70800
Tirpak, T.M. Simulation software for surface mount assembly 69574
Tirumala, R. *see* Balda, J.C. 67997
Tisch, J.W.G., Smith, R.A., Ciarrocca, M., Muffett, J.E., Marangos, J.P., Hutchinson, M.H.R. Angularly-resolved high-order harmonic generation in helium 63942
Tisch, J.W.G. *see* Starczewski, T. 73049
Tisch, J.W.G. *see* Svanberg, S. 50784
Tischendorf, C. *see* Marz, R. 91375
Tischer, G. 20 years application of return conductors 69117
Tischhauser, J. *see* Seguinot, J. 67343
Tiseanu, C. *see* Pelletier-Allard, N. 94391
Tishchenko, A.V. *see* Loktev, S.M. 72407
Tishchenko, A.V. *see* Sychugov, V.A. 63437
Tishchenko, A.V. *see* Sychugov, V.A. 82645
Tishchenko, J.G., Shmalenyuk, A.S., Savorskij, V.P., Chukhlantsev, A.A., Kutuza, B.G., Meischner, P., Schadt, R., Demircan, A., Rombach, M. Soil moisture investigations with passive airborne microwave radiometers 77512
Tishin, S.G. *see* Sterman, L.S. 89666
Tishkovskii, E.G. *see* Myasnikov, A.M. 81453
Tisinger, E. *see* Gass, C. 49169
Tismenetsky, M. *see* Efrat, I. 91037
Tisnek, N.I. *see* Grishaev, S.I. 88136
Tison, C. *see* Bruneel, H. 96216
Tisserant, S. *see* Gingrich, D. 53291
Tissier, M. *see* Rigaill, D. 62572
Tistarelli, M. Recognition by using an active/space-variant sensor 84692
Titarenko, A.I. *see* Mitrofanov, D.G. 58457
Titarenko, A.P. *see* Voronov, V.N. 99836
Titarenko, A.P. *see* Voronov, V.N. 99843
Titch, S., Williamson, J. The new order 85436
Titcomb, C. *see* Gusewell, D. 76381
Titcomb, S. *see* Patel, N. 62803
Titenko, I.M. Interpolational Bayesian estimation of reliability. Binomial trials 69628
Titkov, A.N. *see* Ankudinov, A.V. 62477
Titkov, A.N. *see* Mikhailova, M.P. 71166
Titlebaum, E.L. Frequency- and time-hop coded signals for use in radar and sonar systems and multiple access communications systems 97426
Titlebaum, E.L. *see* Kostic, Z. 85266
Titlebaum, E.L. *see* Maric, S.V. 95435
Titlebaum, E.L. *see* Mehta, S.K. 75637
Titlyanov, E.A. *see* Nechiporenko, I.N. 94757
Tito, F.A. *see* Butler, J.L. 99334
Titov, A.A., Melikhov, S.V. A power amplifier with overload protection 49186
Titov, E.V. *see* Glebovsky, G. 81576
Titov, S.A. *see* Sysoev, B.I. 61379
Titov, S.V. *see* Vanin, E.V. 83285
Titov, V.V. Energy of ions in distorted fields of a quadrupole mass analyzer 98711
Tittel, E., Robbins, M. Network design essentials 48578
Tittel, F.K. *see* Kido, M. 71520
Tittel, F.K. *see* Oraevsky, A.N. 94632
Titterington, D.M. *see* Gray, A.J. 64586
Titterington, D.M. *see* Zhu, X. 95469
Tittley, B. *see* Bjerkelund, C. 88819
Titus, J.L. *see* Darwish, M.N. 93435
Titus, P. *see* Deis, G. 87958
Titus, P. *see* Heim, J. 88070
Titus, P.H. *see* Hale, J.R. 83558
Titus, P.H. *see* Smith, B.A. 82465
Titus, S.S.K. *see* Chatterjee, R. 75842
Titus, S.S.K. *see* Prasad, M.V.N. 92971
Tiu, P.D., Wallace, D.I. Norm quadratic-residue codes 73734
Tiunov, A.V., Shvedunov, V.I. Accelerating frequency shift minimization 67144
Tiunov, A.V. *see* Shvedunov, V.I. 76343
Tiunov, M. *see* Nezhevenko, O. 76375
Tiunov, S. *see* Zayezdny, A. 74030
Tiusanen, M. *see* Eskelinen, P. 67745
Tiwald, T. *see* Chonko, M.A. 71417
Tiwari, A. *see* Sharma, P.B. 69399
Tiwari, A.N. *see* Zogg, H. 61259
Tiwari, M.S. *see* Varma, P. 94852
Tiwari, P., Zheleva, T., Narayan, J. Synthesis and characterization of $Pb(Zr_{0.54}Ti_{0.46})O_3$ thin films on (100)Si using textured $YBa_2Cu_3O_{7-\delta}$ and yttria-stabilized buffer layers by laser physical vapor deposition technique 91589
Tiwari, P. *see* Jagannadham, K. 91465
Tiwari, S. Transmission-line delay limitations of laser bandwidths 63806
Tiwari, S., Pettit, G.D., Milkove, K.R., Davis, R.J., Woodall, J.M., Legoues, F. 203 μA threshold current strained V-groove lasers 63858
Tiwari, S., Pettit, G.D., Milkove, K.R., Legoues, F., Davis, R.J., Woodall, J.M. High efficiency and low threshold current strained V-groove quantum-wire lasers 72791
Tiwari, S., Woodall, J.M. Experimental comparison of strained quantum-wire and quantum-well laser characteristics 50812
Tiwari, S. *see* Mishra, S. 100764
Tiwari, T., Tiwari, V.N., Jha, R.K. Analysis of parallel flow Pierce electron gun by finite element method 49736
Tiwari, T., Tiwari, V.N., Jha, R.K. Computer aided design of dual mode electron gun 71034
Tiwari, T. *see* Singh, S.P. 73510
Tiwari, V., Malik, S., Wolfe, A. Power analysis of embedded software: a first step towards software power minimization 92301
Tiwari, V.N. *see* Singh, S.P. 73510
Tiwari, V.N. *see* Tiwari, T. 49736
Tiwari, V.N. *see* Tiwari, T. 71034
Tix, C. *see* Trappe, J. 94702
Tixador, P. Magnetic levitation and MHD propulsion 54230
Tixador, P., Leveque, J., Brunet, Y., Pham, V.D. Hybrid superconducting a.c. current limiter extrapolation 63 kV-1250 A 53841
Tiziani, H. *see* Docchio, F. 66679
Tiziani, H. *see* Zou, Y. 94683
Tizon, A.H. *see* Tastet, P. 70286
Tjabben, H. *see* Elixmann, M. 85818
Tjalkens, T.J. On the principal state method for run-length limited sequences 73732
Tjeng Thiang Tjhung *see* Chun Sum Ng 73595
Tjeng Thiang Tjhung *see* Chun Sum Ng 97131
Tjeng Thiang Tjhung *see* Pooi Yuen Kam 73590
Tjernlund, R.M. *see* Beard, R.L. 89435
Tjew, K.F. *see* Yang, G.-R. 92973
Tjhen, W. *see* Pham, L. 76061
Tjhung, T.T. *see* Hong Zhou 75326
Tjhung, T.T. *see* Ng, C.S. 95085
Tjhung Tjeng Thiang *see* Tjeng Thiang Tjhung
Tjing Lie Tek *see* Tek Tjing Lie
Tjoelker, R.L. *see* Prestage, J.D. 86960
Tjuatja, S., Fung, A.K., Bredow, J., Hosseinmostafa, R., Gogineni, S., Lytle, V. Analysis of backscattering from snow covers on Arctic and Antarctic sea ice 77522
Tjuatja, S. *see* Chen, K.S. 77602
Tjuatja, S. *see* Fung, A.K. 77612
Tjuatja, S. *see* Fung, A.K. 88861
Tkach, A.N. *see* Maier Zenya, V.Ya. 77864
Tkach, R.W. *see* Forghieri, F. 75419
Tkach, R.W. *see* Gnauck, A.H. 86313
Tkach, R.W. *see* Marcuse, D. 65839
Tkach, Yu.Ya. *see* Vedeneev, A.S. 55532
Tkachenko, O.N. *see* Erko, A.A. 64280
Tkachenko, V.I. *see* Kirilenko, A.A. 70843
Tkachenko, V.M. *see* Bobrenko, Yu.N. 82815
Tkachenko, V.N. *see* Idrisov, F.F. 95412
Tkachenko, Y.A. *see* Hwang, D.M. 61038
Tkacheva, E.H. *see* Koshelev, O.G. 69002
Tkaczyk, S. *see* Amidei, D. 98639
Tkatchenko, A. *see* Level, M.P. 66833
Tkhoryk, Yu.A. *see* Milenin, V.V. 55654
Tnomson, G.B. *see* Tesarek, R.J. 98504
To, K.W.V., David, A.K. Adaptive controller for an HVDC power system 99650
To, K.W.V., David, A.K., Hammad, A.E. A robust co-ordinated control scheme for HVDC transmission with parallel AC systems 78061
To, P.P. Reconfigurability of ShuffleNets in multi-star implementation 65101
To, P.P., Tak-Shing Yum, Yiu-Wing Leung Multi-star implementation of expandable ShuffleNets 75430
To, P.P., Yum, T.-S.P., Yiu-Wing Leung Multistar implementation of expandable ShuffleNets 96288
To-Sing Li *see* Pole-Shang Lin 50014
Toal, J.A. Upgrading the Anglo-Scottish Interconnector: system performance requirements 59800
Toan, T.Le *see* Le Toan, T.
Toba, A., Shimizu, T., Kimura, G., Shioya, M., Sano, S. New quasi-resonant PWM inverter using two internal voltage-points of DC source 100334
Toba, E. *see* Nishimatsu, T. 97799
Toba, H. *see* Inoue, K. 86446
Toba, H. *see* Nakazawa, N. 86719
Toba, H. *see* Oda, K. 65783
Toba, H. *see* Oda, K. 86368
Toba, H. *see* Usui, M. 83042
Toba, H. *see* Usui, M. 94543
Toba, M. *see* Aoki, M. 98105
Toba, T. *see* Uchimura, T. 63347
Toba, Y. *see* Ebuchi, N. 77439
Toba, Y. *see* Kawamura, H. 67886
Tobagi, F.A. *see* Dalgic, I. 65392
Tobagi, F.A. *see* Noronha, C.A., Jr. 65092
Tobagi, F.A. *see* Noronha, C.A., Jr. 74958
Tobagi, F.A. *see* Pang, J.W.M. 85673
Tobagi, F.A. *see* Peha, J.M. 96289
Tobar, M.E., Giles, A.J., Edwards, S., Searls, J.H. High-Q thermoelectric-stabilized sapphire microwave resonators for low-noise applications 55379
Tobazeon, R. *see* Dascalescu, L. 64105
Tobben, D., Holzmann, M., Kuhn, S., Lorenz, H., Abstreiter, G., Kotthaus, J.P., Schaffler, F. Electron transport through antidot superlattices in $Si/Si_{0.7}Ge_{0.3}$ heterostructures 93001
Tobben, D. *see* Holzmann, M. 93497
Tober, R. *see* Sosin, T.P. 66212
Tobia, I. *see* Ciccarella, G. 85866
Tobias, C.W. *see* Anderson, R.C. 62485
Tobias, T.J. In-line split radix FFT for the 80386 family of microprocessors 73891
Tobin, P. *see* Sharma, U. 61722
Tobin, P.J., Okada, Y., Lahkotia, V., Ajuria, S.A., Feil, W.A., Hegde, R.I. Silicon oxynitride formation in nitrous oxide (N_2O): the role of nitric oxide (NO) 71374
Tobin, P.J. *see* Bich-Yen Nguyen 71376
Tobin, P.J. *see* Hsing-Huang Tseng 93541
Tobin, P.J. *see* Okada, Y. 62826
Tobin, P.J. *see* Okada, Y. 71667
Tobin, P.J. *see* Okada, Y. 81495
Tobin, R.C. *see* Peard, K.A. 72681
Tobin, R.C. *see* Peard, K.A. 82926
Tobin, S.P. *see* Di Marzio, D. 92960
Tobin, W.H. *see* Somos, I.L. 62731
Tobise, M. *see* Dhaouadi, R. 69113
Tobita, Y. *see* Higashisaka, N. 75162
Tobiyama, M., Kasuga, T., Takeo, T., Obina, T., Tamura, K., Katsura, T. Measurement of bunch time-structure in KEK PF 76584
Tobiyama, Y. *see* Tsutsumi, M. 78739
Tocci, L.R. *see* Poksheva, J.G. 58786
Toccolini, A. *see* Bertolo, F. 67923
Tochev, D.A. *see* Boshnakov, V.S. 64226
Tochigi, T. *see* Simon, B.H. 99888
Tochihara, H. *see* Shimada, W. 54826
Tochinai, K. *see* Horita, E. 73776
Tochinai, K. *see* Miyanaga, Y. 64541
Tochinai, K. *see* Shimizu, J. 95478
Tochitskii, S.Ya. *see* Gorobets, V.A. 63665
Tochitsky, E. *see* Axelrad, V. 71510
Tochitsky, E.I. *see* Boksha, V.V. 62587
Tochitsky, E.I. *see* Boksha, V.V. 62588
Tochitsky, S.Ya. *see* Gorobets, V.A. 82915
Tochizawa, I. *see* Masuda, S. 60642
Tocnaye, J.-L.de Bougrenet de la *see* de Bougrenet de la Tocnaye, J.-L.
Tocnaye, J.L.de Bougrenet de la *see* de Bougrenet de la Tocnaye, J.L.
Toda, A., Hasegawa, M., Toudou, T., Tanamura, A. Engine number character reading/image filing system 74388
Toda, A., Kanda, H., Takayanagi, T. Building board measurement unit 76209
Toda, F., Abe, H. $In/(Ba,Rb)BiO_3/SrTiO_3(Nb)$ three-terminal device 50400
Toda, H. *see* Kawano, H. 78747
Toda, K. Characteristics of interdigital transducers for mechanical sensing and non-destructive testing 88887
Toda, K., Nishida, K., Takahashi, E., Michell, N., Yamaguchi, Y. Implementation of a priority forwarding router chip for real-time interconnection networks 93561
Toda, K., Sugizaki, G., Takenaka, T., Sakata, K. A technique for measuring strain in layered structure media 66687
Toda, K., Tokumaru, H. A self-oscillation-type ultrasonic linear actuator 71905
Toda, K., Yamamoto, Y. An ultrasonic touch-position sensing system 53562
Toda, K., Yoshida, S. A Pb_2CrO_5 film optical beam position sensor with high resolution and high speed response abilities 66370
Toda, K. *see* Yamaguchi, Y. 84378
Toda, M. *see* Endo, S. 83574
Toda, S. *see* Hashizume, H. 82330
Toda, T. *see* Maeda, T. 50607
Toda, Y. *see* Murayama, Y. 52349
Toda, Y. *see* Nakamura, T. 86093
Todaka, T. *see* Enokizono, M. 49028
Todaka, T. *see* Enokizono, M. 51044
Todaka, T. *see* Enokizono, M. 54013
Todaka, T. *see* Enokizono, M. 56202
Todaka, T. *see* Enokizono, M. 61435
Todaka, T. *see* Enokizono, M. 90656
Todaka, T. *see* Kanamori, M. 51048
Todaka, T. *see* Morino, H. 53037
Todaka, T. *see* Tamura, Y. 63150
Todd, A.M.M., Nightingale, M.P.S., Yule, T.J. The Continuous Wave Deuterium Demonstrator (CWDD) design and status 76315
Todd, A.M.M. *see* Paulson, C.C. 76314
Todd, C. *see* Tandon, V. 58437
Todd, C.C. Audio for high definition television in North America 97647
Todd, D.L. *see* Vickers, V.L. 89010
Todd, M. *see* Capote, M.A. 92800
Todd, R.A., Kennedy, E.J., Britton, C.L., Jr., Berridge, S.C., Bugg, W.M., Du, Y.C., Alley, G.T.,

Brashear, H.R., Bauer, M.L., Emery, M.S., Wintenberg, A.L. Monolithic systems design for the Silicon Electromagnetic Calorimetry Collaboration 88236
Todd, R.A., Kennedy, E.J., Britton, C.L., Jr., Berridge, S.C., Bugg, W.M., Du, Y.C., Alley, G.T., Brashear, H.R., Bauer, M.L., Emery, M.S., Wintenberg, A.L. Monolithic systems design for the silicon electromagnetic calorimetry collaboration 98675
Todd, R.A. *see* Arodzero, A. 59076
Todd, R.A. *see* Ericson, M.N. 87032
Todd, R.A. *see* Ericson, M.N. 98667
Todd, R.A. *see* McElhaney, S.A. 58992
Todd, T.D. The token grid network 85683
Todd, T.D., Bignell, A.M. A slot-reuse protocol for rearrangeable dual-bus networks 51842
Todd, T.D. *see* Grah, A. 65315
Todd, T.D. *see* Janoska, M.W. 75432
Tode, H., Yamamoto, M., Okada, H. Shared output buffer type switching architecture with fair output port contention 65536
Tode, H. *see* Kamiyama, N. 64987
Tode, H. *see* Ohta, C. 96200
Todo, K., Akutsu, Y. Transducer performance for leaky wave in layered structure of piezoelectric ceramic thin plate and acryl plate 99332
Todo, S. *see* Nojiri, H. 83575
Todokoro, H. *see* Mizuno, F. 54549
Todokoro, Y. *see* Kawahara, H. 49911
Todokoro, Y. *see* Mito, H. 71518
Todoriki, Y. *see* Yamada, K. 75790
Todorov, B. *see* Ferdinandov, E. 52943
Todorov, P.G., Hubbell, J.H. On the Epstein-Hubbell generalized elliptic-type integral 54651
Todorov, S.S. *see* Al-Bayati, A.H. 79961
Todorova, P. *see* Goldacker, G. 96822
Todorovic, D.M., Nikolic, P.M., Vasiljevic, D.G., Dramicanin, M.D. Photoacoustic investigation of thermal and transport properties of amorphous GeSe thin films 81250
Todt, U. *see* Schmidt, B. 66218
Todtli, J. *see* Gruber, P. 51442
Toebaert, D. *see* Sazhin, S. 63628
Toebaert, D. *see* Sazhin, S. 63663
Toebaert, D. *see* Sazhin, S. 72678
Toebaert, D. *see* Spiridonov, M. 56620
Toeda, H., Tsuji, Y., Murooka, M., Sugahara, A., Ikeda, M., Suzuki, N.K. A high aperture and high density a-Si TFT-LCD with a new pixel structure 98212
Toellner, T. *see* Mooney, T.M. 88294
Toennies, K.D., Schnabel, J.A. Edge detection using the local fractal dimension 74418
Toepke, I. *see* Kinloch, D.R. 88100
Toepke, I. *see* Kinloch, D.R. 98626
Toet, D.Z. *see* von Apeldoorn, G. 88116
Toevs, F. *see* Baggs, R. 76791
Toffano, Z. *see* Hassine, L. 63831
Tofoni, T. *see* Bucci, G. 87005
Tofukuji, N. A method of traffic capacity estimation by air traffic control simulation experiments 88716
Togami, T. *see* Fujimoto, K. 80282
Togano, K. *see* Fukutomi, M. 91638
Togano, K. *see* Jae-Woong Ko 82333
Togano, K. *see* Tomita, N. 82402
Togasawa, S., Murase, T., Nakano, H., Nabae, A. Reactive power compensation based on an novel cross vector theory 59849
Togasawa, S. *see* Murase, T. 89060
Togashi, M. *see* Hino, S. 75156
Togashi, M. *see* Ichino, H. 52560
Togashi, M. *see* Ohtomo, Y. 58266
Togawa, N., Sato, M., Ohtsuki, T. A timing-driven simultaneous placement and global routing algorithm for field-programmable gate arrays 70386
Togawa, N., Sato, M., Ohtsuki, T. Maple: a simultaneous technology mapping, placement, and global routing algorithm for field-programmable gate arrays 91816
Togawa, N. *see* Sato, M. 80237
Togawa, T., Saito, H. Non-contact imaging of thermal properties of the skin 76970
Togawa, T. *see* Okazaki, Y. 52034
Toge, N. Future accelerators in Japan 87655
Toge, N. *see* Abe, K. 88115
Toge, N. *see* Antilogus, P. 59064
Toge, N. *see* Antilogus, P. 59127
Toge, N. *see* Emma, P. 66874
Toge, N. *see* Raimondi, P. 66867
Toge, N. *see* Raimondi, P. 66868
Togneri, A. *see* Zhang, Y. 64357
Tognetti, D. *see* Cariolaro, G. 83921
Togno, A. *see* Rovetta, A. 88527
Tognola, G. *see* Grandori, F. 53423
Togo, M., Mogami, T., Uwasawa, K., Kunio, T. Novel deep sub-quarter micron PMOSFETs with ultra-shallow junctions utilizing boron diffusion from poly-Si/oxide(BDSOX) 71701
Togura, K. *see* Sato, K. 54890
Toguri, Y., Ikehara, M. Digital filter with low sensitivity in pass-band and stop-band 49563
Toh, K.K.H., Neureuther, A.R., Scheckler, E.W. Algorithms for simulation of three-dimensional etching 49876
Toh, P.S. *see* Ching, W.S. 84164
Toh, P.S. *see* Maani, G.G. 100256
Toh Kim-Chuan *see* Kim-Chuan Toh
Toh Peng Seng, Goh Wee Leng, Chan Kap Luk Shape reconstruction from shadow and shading 95944
Toh Peng-Seng *see* Peng-Seng Toh
Tohda, T. *see* Kado, H. 62957
Tohi, T. *see* Seikai, S. 63701
Tohi, T. *see* Seikai, S. 76232
Tohi, T. *see* Seikai, S. 97316
Tohkura, Y. *see* Aikawa, K. 84118
Tohma, T. *see* Chikuma, K. 56884
Tohma, T. *see* Kamimura, M. 59459
Tohme, S. *see* Coelho, R. 74643
Tohmon, R. *see* Tanaka, Y. 72628
Tohmori, Y. Broadly tunable lasers with a super structure grating 56784
Tohmori, Y., Fukuda, M., Matsumoto, S., Kurosaki, T., Yamamoto, M., Itaya, Y., Sugie, T., Tsuchiya, H. 1.3 μm light-emission-and-detection (LEAD) diodes with semi-insulating buried heterostructure 83113
Tohmori, Y., Yoshikuni, Y. Wide-wavelength tunable distributed Bragg reflector lasers with super structure grating (SSG) 72840
Tohmori, Y. *see* Ishii, H. 72797
Tohmori, Y. *see* Ishii, H. 72800
Tohmori, Y. *see* Kano, F. 63782
Tohmori, Y. *see* Mawatari, H. 72875
Toho, M. *see* Ueno, S. 77252
Tohoho, K. *see* Toyoda, M. 93726
Tohyama, K. *see* Ogawa, Y. 92977
Tohyama, K. *see* Uenishi, S. 100459
Tohyama, M., Lyon, R.H., Koike, T. Source waveform recovery in a reverberant space by cepstrum dereverberation 73797
Tohyama, M., Onomura, M., Funemizu, M., Suzuki, N. Bias current dependence of FM efficiency in tunable three-electrode DFB lasers 50861
Tohyama, M. *see* Morinaga, M. 50862
Tohyama, S., Masubuchi, K., Konuma, K., Azuma, H., Tanabe, A., Utsumi, H., Teranishi, N., Takano, E., Yamagata, S., Hijikawa, M., Sahara, H., Muramatsu, T., Seki, T., Ono, T., Goto, H. High fill factor and progressive scan PtSi Schottky-barrier IR-CCD image sensor having new wiring structure over photodiodes 98089
Tohyama, S., Tanabe, A., Teranishi, N. A silicon homojunction infrared detector having an active metal film on an n^{++} layer 87188
Toi, M. *see* Ibaragi, E. 89355
Toida, Y. Urban refuse recycling control system (IICS-1000) 60077
Toikka, M. *see* Grandell, J. 77443
Toint, P.L. *see* Conn, A.R. 69752
Toivanen, J., Honkola, J., Nurmi, J., Tuominen, J. A VHDL-based bus model for multi-PCB system design 92688
Toivonen, H. *see* Rossi, K. 51980
Toivonen, L., Morsky, J. Digital multirate algorithms for measurement of voltage, current, power and flicker 89402
Tojima, H., Okamoto, T., Yamada, A., Konagai, M., Takahashi, K. Nitrogen doping into ZnSe by the catalysis of transition metal 71305
Tojima, H. *see* Tamura, T. 61761
Tojo, F. *see* Yoshida, A. 93132
Tojo, T., Yamada, H. Recording method of the PALplus signal 58604
Tojyo, E. *see* Arai, S. 76316
Tojyo, T. *see* Fujita, S. 70017
Tok Soon Ng *see* Pooi Yuen Kam 84246
Tokanai, F., Sakurai, H., Noma, M., Gunji, S., Ueno, H., Anzai, T., Kato, F., Hoshina, T. The energy resolution of proportional counters with thin anode diameters down to 5 μm 88064
Tokanai, F., Sakurai, H., Noma, M., Ueno, H., Anzai, T., Kato, F. The energy resolution of proportional counter with thin anode diameter low to 5 μm 98602
Tokar, S. *see* Demortier, L. 59090
Tokarev, I.V. *see* Kuleshov, N.B. 56421
Tokarnia, A.M. Identifying minimal shift counters: a search technique 49355
Tokashiki, K. *see* Hamada, T. 61733
Tokashiki, K. *see* Shibahara, K. 63017
Toker, E., Piccaro, M.F. Design and development of a fiber optic TDI CCD-based slot-scan digital mammography system 59346
Toker, O. *see* Fallot-Burghardt, W. 88244
Toker, O. *see* Ronnqvist, C. 88024
Toker, O.P. *see* Straver, J. 88089
Toker, S. *see* Grindley, P. 96522
Tokerud, B. *see* Tvete, K. 70658
Tokesi, K., Kover, L., Varga, D. A modified distorted field electrostatic analyzer 87991
Tokheim, R.E. Interpretation of quartz-gage response in radiation problems 87132
Tokhi, M.O. *see* Baghai-Ravary, L. 64348
Tokita, G. *see* Enpuku, K. 56278
Tokita, S. *see* Horikawa, Y. 63166
Tokizaki, E. *see* Xinming Huang 79760
Tokizawa, I., Ueda, H., Kikuchi, K. ATM transport system architecture and field trial 75093
Tokizawa, I., Ueda, H., Uematsu, H. SDH line error detection method using reduced BIP 51327
Tokizawa, I. *see* Hadama, H. 64947
Tokizawa, I. *see* Kawamura, R. 52009
Tokmakian, R.T., Challenor, P.G., Guymer, T.H., Srokosz, M.A. The U.K. EODC ERS-1 altimeter oceans processing scheme 77476
Tokoro, M. *see* Murata, S. 65073
Tokranova, N.A. *see* Podlaskin, B.G. 52856
Toku, H. *see* Okada, M. 87941
Tokuchi, A. *see* Kawasaki, S. 66805
Tokuchi, A. *see* Shiho, M. 50886
Tokuda, H. *see* Findikoglu, A.T. 87482
Tokuda, H. *see* Nakamura, T. 93963
Tokuda, K., Sato, S., Shiraki, Y., Fukasawa, A. Analysis of a distributed antenna system and its performance under frequency selective fading 64216
Tokuda, K.L. *see* Levine, A.M. 83297
Tokuda, M. *see* Akamatsu, Y. 67863
Tokuda, M. *see* Hisaki, Y. 77496
Tokuda, M. *see* Masugi, M. 79266
Tokuda, M. *see* Murakawa, K. 94861
Tokuda, M. *see* Ohno, Y. 77456
Tokuda, M. *see* Takahashi, J. 61757
Tokuda, M. *see* Yamane, H. 61429
Tokuda, M. *see* Yamane, H. 99743
Tokuda, M. *see* Yamane, H. 99758
Tokuda, N. *see* Arai, S. 76316
Tokuda, N. *see* Okamura, M. 59023
Tokuda, T. *see* Shimomura, K. 55290
Tokuda, Y., Katoh, I., Ohshima, H., Hattori, T. Observation of hydrogen in commercial Czochralski-grown silicon wafers 81203
Tokuda, Y. *see* Nara, S. 50957
Tokumaru, H. *see* Toda, K. 71905
Tokumaru, M. *see* Kondo, T. 58521
Tokumaru, M. *see* Kondo, T. 86633
Tokumasu, N. *see* Fujino, K. 54959
Tokumasu, T., Matsumoto, H., Ito, K., Oshima, S. Magnetic field analysis of quick response type superconducting generator 89793
Tokumasu, T. *see* Inoue, K. 82485
Tokumitsu, E., Tanisake, N., Ishiwara, H. Partial switching kinetics of ferroelectric $PbZr_xTi_{1-x}O_3$ thin films prepared by sol-gel technique 93711
Tokumitsu, M., Hirano, M., Murata, K., Imai, Y., Yamasaki, K. A 0.1 μm GaAs MESFET technology for ultra-high-speed digital and analog IC 80855
Tokumitsu, S., Urata, T. Air deodorizer and water purifier and their applications 88842
Tokumitsu, T., Kamogawa, K., Toyoda, I., Aikawa, M. A novel, injection locked oscillator MMIC with combined ultra-wide-band active combiner/divider and amplifiers 80808
Tokumitsu, T., Kamogawa, K., Toyoda, I., Aikawa, M. A novel, injection locked oscillator MMIC with combined ultra-wide-band active combiner/divider and amplifiers 80814
Tokumoto, S., Mizuno, H., Azuma, O. High power operation results of the X-band SLED system 67168
Tokunaga, A.T. *see* Greene, T.P. 58789
Tokunaga, H. Operation system platform configuration and its evaluation 65476
Tokunaga, H. *see* Fujimoto, H. 79042
Tokunaga, M. *see* Shinoda, M. 63257
Tokunaga, M. *see* Yoshida, S. 58094
Tokunaga, T. *see* Tanaka, Y. 83396
Tokunaga, T. *see* Tsutsumi, K. 50601
Tokunoh, F. *see* Nakagawa, T. 68739
Tokura, N., Takahashi, S., Hara, K. The DMOS consisting of channel region defined by LOCOS (LOCOS-DMOS): a new process/device technology for low on-resistance power MOSFET 55975
Tokura, N. *see* Kajiyama, Y. 58432
Tokura, Y. *see* Stopa, M.P. 71191
Tokura, Y. *see* Tarucha, S. 71591
Tokushima, M. *see* Hida, H. 63026
Tokushuku, K. *see* Boterenbrood, H. 59186
Tokutome, H. *see* Aoki, M. 98105
Tokutome, K. *see* Mori, K. 62247
Tokuyama, J. *see* Ohyama, H. 61579
Tol, J.F.L. Freeset, the cordless system using the DECT standard and the place of this system in mobile communications 96544
Tol, J.J.G.M.van der *see* van der Tol, J.J.G.M.
Toland, B., Lin, J., Houshmand, B., Itoh, T. Electromagnetic simulation of mode control of a two element active antenna 83852
Toland, B. *see* Thomas, V.A. 83816
Tolat, V. *see* Aguero, V. 88632
Tolba, H. *see* Youssef, E.-S. 96972
Tolbanov, O.P. *see* Vorob'ev, A.P. 76751
Toldo, F. *see* Brennan, J.M. 67178
Toledo, R.Diaz *see* Diaz Toledo, R.
Toledo, S. Competitive fault-tolerance in area-universal networks 61453
Toledo-Crow, R., Smith, B.W., Rogers, J.K., Vaez-Iravani, M. Near field optical microscopy characterization of IC metrology 82025
Toleti, B.R. *see* Khan, S. 67883
Tolimieri, R. *see* Lu, C. 70640
Tolimieri, R. *see* Lu, C. 84269
Tolimieri, R. *see* Qian, Z. 95395
Toliyat, H. *see* Luo, X. 68592
Tolkachev, V.S. *see* Abdullin, I.N. 54072
Tolkacheva, E.G. *see* Apanasevich, P.A. 73009
Tolkacheva, E.S. *see* Ponomarev, A.M. 88977
Toll, D.G. A computer control system for stress path triaxial testing 75859

Tollar, E.S. Risk assessment in telecommunications of CCS networks 51941
Tolle, D., Vigon, B., Salem, M., Becker, J., Salveta, K., Cembrola, R. Development and assessment of a Pre-LCA tool 79235
Tollefson, G., Billinton, R., Wacker, G., Chan, E., Aweya, J. A Canadian customer survey to assess power system reliability worth 59781
Tollefson, G. *see* Billinton, R. 89106
Tollefson, G. *see* Wacker, G. 59857
Tollenare, G.De *see* De Tollenare, G.
Tolley, M.D. *see* Haelterman, M. 56877
Tollis, I.G. *see* Heydari, M.H. 55051
Tollis, I.G. *see* Heydari, M.H. 92834
Tollis, I.G. *see* Xiaolin Liu 92166
Tolly, K., Newman, D. Testing remote token ring bridges 52188
Tolly, K., Newman, D. Testing TCP/IP software 52190
Tolly, K., Newman, D. How accurate is your LAN analyzer? 52776
Tolly, K., Newman, D. Testing Unix-to-SNA gateways 57976
Tolly, K., Newman, D. Testing remote Ethernet bridges 65269
Tolly, K., Newman, D. Testing dial-up routers: close, but no cigar 65270
Tolly, K., Newman, D. FDDI adapters: A sure cure for the bandwidth blues 75445
Tolly, K., Newman, D. The new branch-office routers 85520
Tolly, K., Newman, D. Are PC LANs ready for ATM? 85822
Tolly, K., Newman, D. Routers and SNA: Improving the state of the art 96630
Tolly, K., Newman, D. PC-based routers: ready for remote sites 96902
Tolmachev, A. *see* Krainov, I. 60487
Tolmachev, A. *see* Savvin, Yu. 56523
Tolmachev, S.V. *see* Varfolomeev, A.A. 53036
Tolopa, A.M. TAMEK—sources and techniques for high-dose implantation, ion beam mixing, and ion-beam assisted deposition of metal ions 53238
Tolparev, R.G. *see* Polyakov, V.A. 57458
Tolstik, A.L. *see* Karpuk, S.M. 83370
Tolstikov, I.G., Novitskii, E.Z. On the possibility of amplitude and duration of electric pulse registration by means of ferroelectrics 63115
Tolstoguzov, A.B. *see* Volkov, S.S. 53141
Tolstov, K. *see* Chultem, D. 88174
Tolstov, K. *see* Chutlem, D. 87736
Tolstoy, A. Matched field tomographic inversion 99251
Tolstrup Sorensen, J. *see* Bak-Jensen, B. 55032
Tolstun, N.G. *see* Ivanov, A.S. 66997
Tolutis, R. Electrical piezoeffect in semiconducting Bi-Sb alloys due to anisotropy of electron mobility 92983
Tom, E. Polymer film arrays in pyroelectric applications 98016
Tomabechi, K. Energy resources in the future 99825
Tomabechi, N. *see* Fujioka, Y. 80390
Tomabechi, Y., Matsumara, K. Coupling characteristics of nonparallel dielectric waveguides 73456
Tomacruz, E., Sanghavi, J.V., Sangiovanni-Vincentelli, A. Algorithms for drift-diffusion device simulation using massively parallel processors 49947
Tomacruz, E. *see* Bosisio, L. 98610
Tomacruz, E. *see* Newmark, D.M. 71484
Tomacruz, E. *see* Zuniga, M. 81640
Toman, G.J., Gazdzinski, R.F. Results of indenter testing of in-plant and artificially aged cable specimens 99702
Tomandl, G. *see* Hornung, R. 82338
Tomarov, G.V. *see* Povarov, O.A. 99838
Tomarov, G.V. *see* Povarov, O.A. 99964
Tomaru, S. *see* Asobe, M. 56908
Tomaru, S. *see* Ooba, N. 73122
Tomaru, S. *see* Watanabe, T. 82621
Tomas, I. *see* Vertesy, G. 72077
Tomasch, A. *see* Ahlen, S.P. 59097
Tomasel, F. *see* Shlyaptsev, V.N. 50739
Tomasel, F.G. *see* Rocca, J.J. 50736
Tomasel, F.G. *see* Rocca, J.J. 94330
Tomaselli, G.F. *see* Thakor, N.V. 67594
Tomasi, C. Pictures and trails: a new framework for the computation of shape and motion from perspective image sequences 84701
Tomasi, C., Shi, J. Direction of heading from image deformations 96018
Tomasi, C. *see* Jianbo Shi 74593
Tomasi, F.De *see* De Tomasi, F.
Tomasi, J. *see* Chang, Y.H. 98645
Tomasin, P. *see* Malesani, L. 54089
Tomasin, P. *see* Malesani, L. 90202
Tomasini, E.P. *see* Nava, P. 76279
Tomasseti, M. *see* Campanella, L. 66220
Tomassini, D. *see* Einfeld, D. 59217
Tomassini, D. *see* Einfeld, D. 66834
Tomaszewski, A. *see* Pioro, M. 85581
Tomatis, N. Standards for HV electrical installations 68510
Tomazic, G. Considerations regarding the comparison of traction batteries 54143
Tomazic, G.S. *see* Swan, D.H. 68982
Tomba, A. *see* Pigini, A. 53772
Tomba, L. *see* Corvaja, R. 65757
Tomba, L. *see* Corvaja, R. 75308
Tombras, G.S. *see* Lazarakis, F. 83686
Tombropoulos, R. *see* Schweikard, A. 98945
Tombs, J. *see* Tarassenko, L. 49607
Tomchuk, P. Peculiarities of optical emission and absorption in island metal films 72280
Tomcik, P. *see* Barancok, D. 62322
Tomco, L., Kopcansky, P., Koueracka, M., Kellnerova, V. Study of the structuralization of the magnetic particles in magnetic fluids 71929
Tomczuk, B. Comparison of methods for calculation of transformers with Yoke's leakage 54059
Tomczuk, B. Analysis of 3-D magnetic fields in high leakage reactance transformers 80939
Tomczuk, B. *see* Zakrzewski, K. 90054
Tome, C. *see* Patel, D. 83129
Tomek, M. *see* Sipus, Z. 95004
Tomeoka, H., Nakajima, H., Kawachi, Y., Nakamura, S., Watanabe, M. New daily hydro scheduling system for multi-chain hydro power system 89176
Tomer, A.F. *see* Das, I.J. 67651
Tomer, C. Trends in electronic mail 52050
Tomer, C. Electronic mail for personal computers: development issues 65222
Tomer, C. MIME and electronic reference services 74891
Tomescu, A. On the statement of the induced current reaction problem 73227
Tomescu, A. Weak solutions of the induced current reaction problem 73228
Tomesen, M.T. *see* Hooijmans, P.W. 86445
Tomesen, M.T. *see* Van Gils, R.A.J.C.M. 75392
Tomey, E., Fruchart, D., Soubeyroux, J.L., Gignoux, D. Effects of interstitials on the transition metal sublattice anisotropy in $YFe_{10.5}Mo_{1.5}Z_x$(Z=H, N; x≈1) 72021
Tomfel'd, Yu.L. *see* Bernshtein, A.S. 49409
Tomida, S. *see* Mukaihara, K. 66052
Tomida, T. *see* Uehara, M. 50183
Tomida, Y. *see* Suka, M. 86661
Tomigashi, Y., Yamada, M., Kunimitsu, M., Harada, M., Sakaguchi, A. Force control in a placement system for surface mount devices 49711
Tomikawa, S. *see* Kondou, T. 65638
Tomikawa, Y., Aoyagi, M., Kusakabe, C. Piezoelectric actuators in rotary or linear motions by excitation of asymmetric displacement 50163
Tomikawa, Y. *see* Aoyagi, M. 54049
Tomikawa, Y. *see* Chen, X. 71904
Tomikawa, Y. *see* Kusakabe, C. 100175
Tomikawa, Y. *see* Satoh, A. 93767
Tomikawa, Y. *see* Shimanuki, M. 71906
Tomikawa, Y. *see* Takano, T. 99310
Tomikawa, Y. *see* Takano, T. 100174
Tomikawa, Y. *see* Yabuki, A. 93768
Tomimasu, T. *see* Takada, H. 67037
Tomimitsu, Y. *see* Kawanago, S. 96912
Tominaga, H. *see* Hanamura, T. 95725
Tominaga, H. *see* Kawashima, M. 51746
Tominaga, H. *see* Kim, D. 85367
Tominaga, H. *see* Take, K. 97124
Tominaga, H. *see* Take, K. 97125
Tominaga, J. *see* Haratani, S. 86809
Tominaga, K., Hosoda, M., Kawashima, K., Watanabe, T., Fujiwara, K. Analog operation of a symmetric self-electro-optic effect device based on Wannier-Stark localization, and its gain characteristics: an all-optical analog transistor 73044
Tominaga, K., Hosoda, M., Watanabe, T. Self-electro-optic effect device using Wannier-Stark localisation in an unstrained InGaAs/InAlAs superlattice grown on GaAs substrate 56427
Tominaga, K., Kusaka, K., Chong, M., Hanabusa, T., Shintani, Y. Film degradation in AlN preparation by facing target system 93684
Tominaga, K. *see* Kobayashi, I. 79901
Tominaga, K. *see* Nakasima, H. 91569
Tominaga, M. *see* Yamagata, Y. 78674
Tominaga, T. *see* Sato, N. 52057
Tominaga, T. *see* Sato, N. 96572
Tominagi, K. *see* Sakashita, Y. 63077
Tominaka, T. *see* Kitamura, M. 83562
Tominaka, T. *see* Kobayashi, T. 94028
Tominaka, T. *see* Mori, K. 82314
Tomioka, S. *see* Yoshitomi, S. 71216
Tomioka, T. *see* Ando, T. 92845
Tomisaki, K. *see* Matsuda, K. 86086
Tomisato, S., Fukawa, K., Suzuki, H. Coherent hybrid DS-FFH CDMA with adaptive interference cancelling for cellular mobile communications 65706
Tomisato, S., Suzuki, H. Envelope-controlled digital modulation improving power efficiency of transmitter amplification—application to trellis-coded 8 PSK for mobile radio 86105
Tomishima, S. *see* Asakura, M. 70560
Tomishima, S. *see* Asakura, M. 92222
Tomishima, S. *see* Asakura, M. 92235
Tomishima, S. *see* Ooishi, T. 49422
Tomishima, S. *see* Ooishi, T. 70554
Tomishima, S. *see* Tsukude, M. 70534
Tomita, A. *see* Nambu, Y. 83304
Tomita, D. *see* Yamanoi, T. 58659
Tomita, F. *see* Sugimoto, K. 74416
Tomita, H., Sato, T., Mizoguchi, T. Oblique-field annealing effect for in-plane magnetic anisotropy of soft magnetic Co-Nb-Zr thin films 71968
Tomita, H. *see* Maeda, A. 68881
Tomita, H. *see* Nishida, Y. 100320
Tomita, H. *see* Okanoue, K. 65702
Tomita, H. *see* Sato, T. 72197
Tomita, K., Nagai, T. 5.4 inch color LCD unit for car use 58913
Tomita, K., Otsuka, O. Air-cooled ice storage units 79019
Tomita, K. *see* Yamada, K. 62534
Tomita, K. *see* Yamada, K. 71434
Tomita, M., Suganuma, N., Hirano, K. Pattern generation for locating logic design errors 61678
Tomita, M., Yamamoto, T., Sumikawa, F., Hirano, K. Rectification of multiple logic design errors in multiple output circuits 91791
Tomita, M. *see* Du-Yih Tsai 98853
Tomita, M. *see* Senjyu, T. 68647
Tomita, N., Arai, M., Yanagisawa, E., Morimoto, T., Fujii, H., Kitaguchi, H., Kumakura, H., Inoue, K., Togano, K., Maeda, H., Nomura, K. Generation of 21.5 T by a superconducting magnet system using a $Bi_2Sr_2CaCu_2O_x$/Ag coil as an insert magnet 82402
Tomita, N., Namikawa, T., Yamazaki, Y. A flexible alloy-wire interconnection for planar SOFC cathode 90376
Tomita, N., Takasugi, H., Atobe, N., Nakamura, I., Takaesu, F., Takashima, S. Design and performance of a novel automatic fiber line testing system with OTDR for optical subscriber loops 65835
Tomita, N. *see* Takasugi, H. 97259
Tomita, N. *see* Wakejima, A. 54847
Tomita, S. *see* Hamamoto, Y. 51631
Tomita, S. *see* Hamamoto, Y. 64596
Tomita, S. *see* Koyanagi, K. 86003
Tomita, S. *see* Kumazawa, H. 51659
Tomita, S. *see* Manabe, T. 97795
Tomita, S. *see* Takano, M. 64702
Tomita, S. *see* Takashima, S. 97323
Tomita, T., Honda, T., Critchell, J. Development of a 300 kV field emission ATEM 81169
Tomita, T. *see* Harada, Y. 71066
Tomita, T. *see* Ishida, M. 69987
Tomita, T. *see* Takeuchi, S. 77490
Tomita, Y., Honda, S., Horiuchi, T. Status quo of Japanese education and working systems 69405
Tomita, Y., Kawai, T., Hatanaka, Y. Properties of sputter-deposited CdS/CdTe heterojunction photodiode 72595
Tomita, Y., Takabayashi, T., Kawai, T., Hatanaka, Y. X-ray imaging camera tube using highly sensitive CdTe photoconductive film 71053
Tomita, Y. *see* Honda, S. 75956
Tomita, Y. *see* Ikeda, K. 80425
Tomita, Y. *see* Komiyama, C. 98955
Tomita, Y. *see* Matsui, H. 85564
Tomita, Y. *see* Matsumura, T. 52257
Tomita, Y. *see* Nakamura, J. 98086
Tomiya, F. *see* Sugimoto, K. 84926
Tomiya, S. *see* Itoh, S. 72879
Tomiyama, F. *see* Aoi, H. 50301
Tomiyama, F. *see* Honda, Y. 72150
Tomiyama, F. *see* Matsuyama, H. 72099
Tomiyama, F. *see* Matsuyama, H. 76160
Tomiyama, K. *see* Ihara, S. 77854
Tomiyama, Y. *see* Yoshida, M. 96927
Tomiyasu, K. Synthetic aperture radar image processing of range ambiguous signals 77250
Tomiyasu, K. Dual dihedral angles for bidirectionally scattered electromagnetic waves 88733
Tomiyasu, K. Image processing of synthetic aperture radar range ambiguous signals 88872
Tomizawa, H. *see* Uehara, M. 50183
Tomizawa, K. *see* Abramo, A. 81195
Tomizawa, K. *see* Kurata, M. 98524
Tomizawa, K. *see* Kuriyama, K. 71114
Tomizawa, M., Arai, S., Doi, M., Katayama, T., Niki, K., Yoshizawa, M., Hattori, T. Interdigital-H linac for unstable nuclei at INS 76317
Tomizawa, M., Arakaki, Y., Chida, K., Watanabe, S., Watanabe, T., Katayama, T., Yoshizawa, M., Noda, A. Injection method using the third order resonance at TARN II 66850
Tomizawa, M., Taniyama, H., Yoshii, A. Two-dimensional simulation for resonant tunneling transistor 62630
Tomizawa, M., Yamabayashi, Y., Kawase, N., Kobayashi, Y. Self-healing algorithm for logical mesh connection on ring networks 86441
Tomizawa, M., Yamabayashi, Y., Sato, I., Kataoka, T. Nonlinear influence on PM-AM conversion measurement of group velocity dispersion in optical fibres 87568
Tomizawa, M. *see* Abramo, A. 81195
Tomizawa, M. *see* Arai, S. 76316
Tomizawa, M. *see* Conti, P. 49946
Tomizawa, M. *see* Furuta, T. 62179
Tomizawa, M. *see* Nakata, S. 81274
Tomizawa, M. *see* Niki, K. 76428
Tomizawa, M. *see* Taniyama, H. 49948
Tomizawa, M. *see* Taniyama, H. 62687
Tomizawa, M. *see* Yamabayashi, Y. 94090
Tomka, G.J., Bissell, P.R., Chantrell, R.W., O'Grady, K. Interaction phenomena in polymer bonded permanent magnet powders 50213

Tomkiewicz, M. *see* Wu-Mian Shen 92914
Tomkins, W.J. *see* Woo, E.J. 98887
Tomkinson, D. *see* O'Kane, B.L. 66488
Tomlin, R. *see* Shan, J.P. 87843
Tomlin, R. *see* Wu, G. 76465
Tomlinson, G.R. *see* Staszewski, W.J. 69115
Tomlinson, M. *see* Bhatoolaul, D. 52456
Tomlinson, M.A., Shin, K. Quality control using acoustic testing 79444
Tomlinson, R.D. *see* Leppavuori, S. 54962
Tomlinson, R.D. *see* Levoska, J. 61326
Tomlinson, R.D. *see* Mullan, C.A. 81449
Tomlinson, R.D. *see* Yakushev, M.V. 49791
Tomlinson, T. *see* Wohlgemuth, J.H. 90403
Tomm, Y. *see* Lang, O. 69971
Tomm, Y. *see* Lang, O. 71154
Tomm, Y. *see* Loher, T. 70038
Tommasi, T. V(z) equation for tilted planar specimens in acoustic microscopy 59606
Tommasini, D. Injection into the Elettra storage ring 67198
Tommasini, D. *see* Abrami, A. 98715
Tommasini, D. *see* Fabris, R. 67199
Tommasini, D. *see* Petrucci, G. 76673
Tommazzolli, G.F. Industrial electrical installations 69248
Tomoda, H. *see* Kitagawa, S. 75789
Tomoda, H. *see* Kojima, K. 79367
Tomohiro Tsuruta *see* Yoichiro Yokotani 82105
Tomokawa, T. *see* Nikaido, H. 74937
Tomomatsu, Y. *see* Yamashita, J. 55969
Tomomura, Y., Hirata, S., Okumura, T., Kitagawa, M., Suzuki, A., Takiguchi, H. Dependence of device characteristics on quantum well thickness in ZnSe/ZnCdSe multi-quantum well blue-green laser diodes 72823
Tomono, A., Nagashima, Y., Tetsutani, N., Kishino, F. Optical design for a large-screen stereoscopic display system with extended observable space 76118
Tomono, A. *see* Yamato, J. 95735
Tomori, Y., Senjyu, T., Uezato, K. Vector control of synchronous reluctance motors including stator-iron loss with on-line parameter measurement 100844
Tomori, Y. *see* Uezato, K. 78609
Tomotake, S. *see* Harada, R. 85952
Tomovic, R. *see* Popovic, M. 59419
Tompkins, J. *see* Wake, M. 87685
Tompkins, J.C. *see* Jaffery, T.S. 76656
Tompkins, J.C. *see* Wanderer, P. 82422
Tompkins, P.A., Brau, C.A., Wei Wei Dong, Waters, J.W., Carroll, F.E., Pickens, D.R., Price, R.R. The Vanderbilt University Compton scattering X-ray experiment 67406
Tompkins, W. *see* Brennan, S. 82032
Tompkins, W.J. *see* Cohen, K.P. 59360
Tompkins, W.J. *see* Panescu, D. 80475
Tomskikh, O.N. *see* Furman, E.G. 53097
Tomura, M., Sunaga, H., Kurihara, N. Autonomous system control for a distributed switching node 74868
Tomzig, E. *see* Immenroth, H. 91411
Ton, T.N. *see* Lo, D.C.W. 83870
Ton, T.N. *see* Wang, H. 92543
Tonakanov, O.S. Three-channel symmetric accelerometer with common inertial mass 87605
Tonazzini, A. *see* Bedini, L. 51664
Tonazzini, A. *see* Bedini, L. 84833
Tondello, G. *see* Naletto, G. 87279
Tondra, M., Miller, B.H., Dahlberg, E.D. Dependence of the anisotropic magnetoresistance on aspect ratio in cobalt films 71979
Tonegawa, A. *see* Tanabe, S. 53254
Tonegawa, K. Multiple layering leads to new features, functions in devices 54543
Tonegawa, R. *see* Iso, M. 99704
Tonegawa, T. *see* Nakaya, H. 100573
Tonelli, G.E. The Silicon Tracker of CMS 98569
Tonelli, M. *see* Micheletti, R. 94428
Toner, M.F., Roberts, G.W. A BIST technique for a frequency response and intermodulation distortion test of a sigma-delta ADC 49508
Toner, W.T. *see* Lister, J.M.D. 63668
Toney, M.F. *see* Farrow, R.F.C. 91514
Tonfoni, G. The CPP-TRS methodology for man/machine interaction 96406
Tong, C. E. *see* Fujino, Y. 94975
Tong, C.-Y., Blundell, R. A self-diplexing quasi-optical magic slot balanced mixer 49638
Tong, C.E., Blundell, R. An annular slot antenna on a dielectric half-space 73492
Tong, C.Q. *see* Al-Assadi, W.K. 55200
Tong, C.W. *see* Lam, K.P. 79639
Tong, D. *see* Agrawal, S.K. 82191
Tong, D. *see* Agrawal, S.K. 82206
Tong, E. *see* Teeter, D. 80823
Tong, E. *see* Teeter, D. 92609
Tong, F., Li, C.-S., Ho, K.-P., Kwark, Y.H., Doany, F. Capacitive loading of optical/electronic wavelength selector for WDMA networks 97291
Tong, F., Li, C.-S., Stevens, A.E., Kwark, Y.H. Characterization of a 16-channel optical/electronic selector for fast packet-switched WDMA networks 86016
Tong, F., Ze-Nian Li Reciprocal-wedge transform in motion stereo 96079
Tong, F. *see* Funt, B.V. 96035
Tong, F. *see* Pezeshki, B. 72831
Tong, F. *see* Pezeshki, B. 94145
Tong, F. *see* Ze-Nian Li 95703
Tong, F.F. *see* Pezeshki, B. 97345
Tong, F.F.-K. *see* Li, C.-S. 65313
Tong, J. *see* Li, Y. 62008
Tong, K.F., Luk, K.M., Chiang, T.H. Broadband characteristic of an offset aperture-coupled dual circular disk microstrip antenna 94998
Tong, K.Y. *see* Jelenkovic, E.V. 81382
Tong, L., Mehregany, M., Tang, W.C. Amorphous silicon carbide films by plasma-enhanced chemical vapor deposition 54975
Tong, L., Xu, G., Kailaith, T. Fast blind equalization via antenna arrays 84441
Tong, L. *see* Soon, V.C. 57565
Tong, L.S. *see* Li Zhao 83762
Tong, L.Z. *see* Wang, E.Z. 90282
Tong, P., Ruetz, P. Sequential encoding of Reed-Solomon codes using discrete-time delay lines 51322
Tong, P.Y. *see* Yu, K.W. 49131
Tong, Q.-Y., Gosele, U. Semiconductor wafer bonding: recent developments 49843
Tong, Q.-Y., Gosele, U., Yuan, C., Steckl, A.J. A feasibility study of SiC on oxide by wafer bonding and layer transferring 93083
Tong, Q.-Y. *see* Steckl, A.J. 61385
Tong, S.-R. *see* Ahn, S. 64946
Tong, S.-R. *see* Bhattacharya, S. 52165
Tong, S.L., Chin, K.S. Simultaneous multielement graphite furnace atomic absorption measurements using a photodiode array detector 58795
Tong, W.B., Lu, G.Z. Data structure for segmenting binary image 74439
Tong, X., Chen, L., Wang, Y. Effect of Si-substrate heating during laser-induced B-doping 71308
Tong, Y. *see* Morimoto, S. 90526
Tong, Y.P. *see* Conlon, P.J. 56658
Tong, Y.P. *see* Conlon, P.J. 94383
Tong Chong Sze *see* Chong Sze Tong
Tong Fuyao *see* Zhong Jinliang 100801
Tong Gao, Liu, C.L. Minimum crosstalk switchbox routing 93574
Tong Gao *see* Cong, J. 80249
Tong Gao *see* Cong, J. 80257
Tong Guangqiu, Qian Zhongtai, Zhao Xinmin A Markov estimate method for eliminating the effect caused by the noise of a Non-Zero-Mean 95503
Tong Guangqiu, Tao Ran, Zhao Xinmin A test strategy based on nonuniform sampling in time-domain, frequency-domain, and state-domain 60922
Tong Huang *see* Xinhua Zhuang 95923
Tong Hui *see* Hui Tong
Tong Jianzhong *see* Jianzhong Tong
Tong Jiarong *see* Jiarong Tong
Tong Jingcheng *see* Jingcheng Tong
Tong Kun Lim *see* Young Hun Yu 50618
Tong Lang *see* Lang Tong
Tong Lee *see* Yiu-Man Tham 95921
Tong Lin-Su *see* Lin-Su Tong
Tong Qin-Yi *see* Qin-Yi Tong
Tong Qinyi *see* Ke Daoming 62985
Tong Qinyi *see* Teng Zhimeng 81758
Tong Qinyi *see* Teng Zhimeng 81762
Tong Shaocheng Interval number and fuzzy number linear programmings 91308
Tong Sheau-Ru *see* Sheau-Ru Tong
Tong Shibai *see* Shibai Tong
Tong Su, Junliang Chen, Shiduan Cheng A method to generate test sequences for protocol conformance testing 74695
Tong Sun, Gabbouj, M., Neuvo, Y. Adaptive L-filters with applications in signal and image processing 84202
Tong Tak Kit *see* Tak Kit Tong
Tong Tan Pek *see* Tan Pek Tong
Tong Tiaosheng *see* Zhang Jing 99607
Tong Wang, Surve, S., Hesketh, P.J. Anisotropic etching of silicon in rubidium hydroxide 81549
Tong Wang *see* Bauer, M.A. 51880
Tong Xiao *see* Xiao Tong
Tong Zhang *see* Changzhi Gu 66579
Tong Zhao *see* Zhao Tong
Tong-Gun Lim *see* Jung Yon 71925
Tong-Heng Lee *see* Kuan-Teck Chang 90525
Tong-Nyong Lee An overview of the PLS project 67274
Tong-Nyong Lee *see* Seung Yu Rah 88274
Tongchun Zhu *see* Zhu Tongchun
Tonge, G. The service multiplex 75704
Tongeren, B.van *see* van Tongeren, B.
Tongguang Zhang *see* Lundquist, P.M. 50928
Tongli Wei *see* Wei Tongli
Tongqing Wang, Ke Wu Enhanced spectral domain analysis of coupled slotlines with septum and pedestal considering finite thickness of conductors for wideband MICs 80848
Tongtong Zhang *see* Griffith, J. 91777
Tonguz, O.K., Falcone, K.A. Gigabits-per-second optical interconnection networks: fault-tolerance with and without optical amplifiers 52555
Tonguz, O.K., Wang, M.M. Cellular CDMA networks impaired by Rayleigh fading: system performance with power control 75327
Tonguz, O.K. *see* Zorzi, M. 86091
Tongwen Chen *see* Xiaoping Li 74583
Tongyu Liu *see* Jianping Xi 100527
Toniatti, T., Verri, L., Casals, O., Garcia, J., Blondia, C., Angelopoulos, J.D., Venieris, I.S. Performance of shared medium access protocols for ATM traffic concentration 57969
Toniatti, T. *see* Heiss, H. 57941
Tonielli, A. *see* Morici, R. 100143
Tonielli, A. *see* Rossi, C. 78879
Tonielli, A. *see* Rossi, C. 89876
Tonietti, A. *see* Ajmone Marsan, M. 85806
Tonietti, A. *see* Marsan, M.A. 65365
Tonisch, F. *see* Adam, A. 88087
Tonisch, F. *see* Adam, A. 88102
Tonkal', V.E., Novosel'tsev, A.V., Strelkov, M.T. Application of a method of conjugate functions in the theory of electrical networks 91685
Tonko, P. *see* Bohacek, P. 62880
Tonkonogov, E. Determination of the Mayr's arc model normalized parameters for the SLF interruption analysis 90234
Tonkonogov, E., Kaplan, G., Ugryumov, E. Effect of downstream parameters on SF_6 arc interruption 90248
Tonkovic, Z. New conductors in the transmission network 89309
Tonnby, I. *see* Prevedourou, D. 96449
Tonneau, D., Cuniot, M., Laroche, J.M., Orain, H., Rommeluere, J.F., Bouree, J.E. Electrical characterization of laser-induced deposits of aluminium on gallium arsenide 49813
Tonner, B.P. *see* Huber, D.L. 88273
Tonnerre, L. *see* Henry, J.P. 52629
Tonoli, A. *see* Bona, B. 93811
Tonomura, A. *see* Jun Chen 94675
Tonomura, A. *see* Lai, G. 58950
Tonomura, Y. *see* Hisamatsu, T. 100452
Tonomura, Y. *see* Otsuji, K. 52734
Tonomura, Y. *see* Otsuji, K. 58576
Tonomura, Y. *see* Washio, H. 99102
Tonooka, T. *see* Itano, A. 87686
Tonoyan, G.P. *see* Leont'ev, V.K. 91357
Tonshoff, H.K., Noske, H., Nitidem-Ndengue, E. Sensor system and signal analysis method for tool breakage detection in milling 66155
Tontini, G. *see* Redaelli, G. 68567
Tony, E.S., Chaudhuri, S.K. A directional coupler acoustooptic filter with reduced sidelobe levels 72502
Toobig, T. *see* Carrigan, R.A., Jr. 59039
Tooker, J.F., Benke, T., Funk, L.W., Oliphant, V. Accelerator Readiness Review process for the SSC Linac 76299
Tool, G. *see* Burgett, W. 98480
Tool, G. *see* McInturff, A.D. 76652
Tool, G. *see* McInturff, A.D. 87671
Tool, G. *see* Robinson, W. 76644
Tool, G. *see* Rostamzadeh, C. 66837
Toole, B. *see* Pearce, J. 81052
Toomey, D. *see* Simons, D.A. 66426
Toomey, D.W. *see* Greene, T.P. 58789
Toomey, D.W. *see* Rayner, J. 66425
Toomey, F. *see* Duffield, N.G. 65001
Toomey, F. *see* Duffield, N.G. 65002
Toon, N., Doyle, N. Power dissipation in complex PLDs and FPGAs 61629
Toon-Lin Yew *see* Guojun Lu 64681
Topa, A.L., Paiva, C.R., Barbosa, A.M. New biorthogonality relations for inhomogeneous biisotropic planar waveguides 57188
Topacli, A. *see* Richardson, T. 71837
Topcu, S., Ocah, O., Atalar, A., Tan, M.A. A novel algorithm for DC analysis of piecewise-linear circuits: popcorn 80055
Topfer, H. *see* Zhang, Y. 56251
Topfer, T. An axiomatization of Nesterenko's method and applications on Mahler functions 91265
Topic, M. *see* Furlan, J. 100467
Topic, M. *see* Smole, F. 100590
Topits, K. Information access for the deaf by telephone 53471
Topiwala, P. *see* Ramanathan, J. 64399
Topkar, V., Sood, A.K., Kjell, B. Performance analysis of 1-D scale-space algorithms for pulse detection in noisy image scans 95744
Topolski, B. *see* Niculescu, H. 82334
Toporov, A.Yu. *see* Valeiko, M.V. 98269
Toporov, A.Yu. *see* Vetoshko, P.M. 50605
Toporov, Yu.P. *see* Klyuev, V.A. 82109
Toporowsky, M. *see* Kubicki, T. 67305
Topper, R. *see* Leacock, T. 97659
Toprac, A.J., Trachtenberg, I., Edgar, T.F. A predictive model for the chemical vapor deposition of polysilicon in a cold wall, rapid thermal system 61384
Toprac, A.J. *see* Badgwell, T.A. 93553
Tora, M. *see* Alba, J.J. 77931
Torabi, A. *see* Summers, C.J. 82820
Torabi, A.F., Batra, S. Monte Carlo simulations of shielded MR head 50341
Toraichi, K., Kamada, M. A general formula for the wavelets in fluency approach 64562
Toraichi, K. *see* Horiuchi, T. 84613
Toraichi, K. *see* Horiuchi, T. 85140
Toraichi, K. *see* Iwaki, M. 64257
Toraichi, K. *see* Otsuka, N. 61491
Toratani, H. *see* Shikida, A. 56702
Toratani, M., Fukushima, H. Atmospheric correction scheme for ocean color remote sensing in consideration to Asian dust aerosol 67866
Toratani, T. *see* Yokota, S. 99720

Torazawa, H., Mizuuchi, K., Hagimura, K. Two channel optical MOS relay with low ON resistance 56532
Torazawa, K. *see* Teragaki, Y. 50609
Torazawa, K. *see* Uchihara, Y. 50606
Torbert, R. *see* Arato, P. 61617
Torbicz, W., Sypniewska, Z., Erbach, R., Hoffmann, B. An analysis of the pH-sensitive multilayer LB film/semiconductor structures 66223
Torchigin, V.P., Kobyakov, A.E. All-optical symmetrical gates based on a saturable absorber 56470
Torchigin, V.P., Kobyakov, A.E. Optical gates based on phase-coded nonlinear Fabry-Perot resonators 56865
Torchinskaya, T.V., Rybak, A.M. Injection-enhanced defect reactions in III-V light emitting diodes 63598
Torelli, F. *see* Granelli, G.P. 53648
Torelli, F. *see* Granelli, G.P. 77837
Torelli, G. *see* Alippi, C. 53346
Torelli, G. *see* Alippi, C. 67381
Torelli, G. *see* Brigati, S. 61781
Torelli, G. *see* Chioffi, E. 92243
Torelli, G. *see* Civardi, L. 54235
Torelli, G. *see* Dell'Acqua, A. 87955
Torelli, G. *see* Dell'Acqua, A. 98680
Torelli, G. *see* Horvath, D. 53123
Torelli, I. *see* Assanto, G. 56854
Torelli, L., Vermiglio, R. On the stability of continuous quadrature rules for differential equations with several constant delays 48859
Toren, W.J., Bisschop, J. Improved charge-transfer inefficiency method for determining ultra low concentrations of bulk states in charge-coupled devices 87285
Toren, W.J., Bisschop, J. Complete characterization of dark current in frame transfer image sensors 87286
Torgersen, T. *see* Smith, T. 76956
Torgerson, D.R. *see* Johnson, R.K. 68180
Torgovanov, V.A. Quasicollimators 95020
Torguet, R. *see* Bazzi, O. 75689
Torguet, R. *see* Bazzi, O. 94219
Torguet, R.J. *see* Bazzi, O. 94215
Torii, A., Sasaki, M., Hane, K., Okuma, S. Adhesive force of the microstructures measured by the atomic force microscope 55026
Torii, A., Sasaki, M., Hane, K., Okuma, S. Adhesive force distribution on microstructures investigated by an atomic force microscope 87557
Torii, C. *see* Koshiishi, H. 97507
Torii, C. *see* Nakajima, H. 58528
Torii, H. *see* Hirao, T. 82107
Torii, K. *see* Qi Zheng 87580
Torii, R. *see* Mason, P. 99040
Torii, S. *see* Kasahara, H. 89784
Torii, S. *see* Tsukamoto, O. 89785
Torii, T., Chelian, M.S. A new fault tolerant multi-transputer configuration for avionics two lane systems 88660
Torii, T. *see* Takeguchi, Y. 62956
Torii, Y., Tsuzuki, A., Murakami, H. Sol-gel processing of highly oriented $PbTiO_3$-based thin films 91434
Torikachvili, M.S. *see* Gama, S. 50216
Torikai, D., Suzuki, C.K., Shimizu, H., Ishizuka, T. Improvement of a beam-bending viscosimeter for fast measurement 87611
Torikai, T. *see* Okuda, T. 56798
Torikoshi, M., Mizobata, M., Mitamura, M., Ueda, K., Ogawa, H., Yamada, S. A heavy ion-beam monitor 53138
Torikoshi, S. *see* Nakagaki, N. 86730
Torin, J. *see* Rimen, M. 70576
Toriser, W. *see* Pavuza, F.G. 90599
Toriumi, A. *see* Koga, J. 71782
Toriumi, A. *see* Mizuno, T. 62835
Toriumi, A. *see* Mizuno, T. 71699
Toriumi, A. *see* Mizuno, T. 71798
Toriumi, A. *see* Satake, H. 93400
Toriumi, A. *see* Takagi, S. 62839
Toriumi, R., Tai, H., Takeuchi, N. Estimation of various atmospheric constituent measurements by using solid state tunable lasers 67884
Toriwaki, J. *see* Yonekura, T. 51532
Toriwaki, J.-I. *see* Kitagawa, E. 95787
Toriwaki, J.-I. *see* Saito, T. 95803
Toriwaki, J.-I. *see* Shimizu, A. 84922
Torizuka, K., Yamashita, M., Yabiku, T. Thermal effect in a lamp-pumped continuous-wave alexandrite laser 56695
Tork, H.J. *see* Barani, B. 86251
Torkar, D., Murn, R., Dedic, A. Computer processing of hard-copy maps and their application in satellite positioning 75676
Torkar, D., Murn, R., Pecek, D. Matching image processing technologies with GPS system for vehicle tracking 58517
Torkelson, J.M. *see* Dhinojwala, A. 83296
Torkkola, K. An efficient way to learn English grapheme-to-phoneme rules automatically 73880
Torku, K. *see* Pham, D. 92287
Tornai, M.P., Germano, G., Hoffman, E.J. Positioning and energy response of PET block detectors with different light sharing schemes 88413
Tornai, M.P., Germano, G., Hoffman, E.J. Positioning and energy response of PET block detectors with different light sharing schemes 98832
Tornai, M.P., Hoffman, E.J., Cherry, S.R. Effect of refraction index and light sharing on detector element identification for 2D detector modules in positron emission tomography 88384
Tornambe, A. *see* Bona, B. 82156
Tornambe, A. *see* Indri, M. 82196
Tornberg, J. *see* Chen, J. 76267
Torner, L., Santos, C., Torres, J.P., Mihalache, D. New waveguide modes in anisotropic structures 64183
Torner, L. *see* Mihalache, D. 56389
Torner, L. *see* Mihalache, D. 72376
Torner, L. *see* Torres, J.P. 83309
Tornielli, G. *see* Leitch, R. 99632
Tornoe, R.N. *see* Shrader, M.B. 55510
Tornoe, R.N. *see* Shrader, M.B. 67155
Tornos, J. *see* Alonso, R. 87244
Toro, B. *see* Grassi, S. 78479
Toro, M., Samra, A.H., Sim, S.R. Evaluation of load management program in South Florida 89158
Toro, M. *see* Varga, L.Z. 51835
Torok, A. Human resources and technology change in Eastern Europe 69465
Torok, G.R. *see* Nichols, D.N. 66046
Torok, J. *see* Lanyi, S. 75909
Torok, R.C. Licensing issues and challenges for digital upgrades in nuclear power plants: industry perspective 78288
Toropainen, A.P. Set-up for measuring changes in the average size of wooden chips by microwave scattering 87484
Toropov, A.I. *see* Ovsyuk, V.N. 66331
Torossian, A. *see* Libeyre, P. 82467
Torp, H., Kristoffersen, K., Angelsen, B.A.J. Autocorrelation techniques in color flow imaging: signal model and statistical properties of the autocorrelation estimates 88390
Torp, H. *see* Odegaard, L. 98787
Torquati, M.R. *see* Angelini, F. 59120
Torr, D.G. *see* Keffer, C.E. 63538
Torr, D.G. *see* Keffer, C.E. 88640
Torr, M.R. *see* Keffer, C.E. 63538
Torr, M.R. *see* Keffer, C.E. 88640
Torralba, A. *see* Galvan, E. 69099
Torras, J.B. Systems for automatic testing and rectification 58642
Torre, A. *see* Ciocci, F. 67038
Torre, A. *see* Dattoli, G. 72929
Torre, A. *see* Dattoli, G. 72932
Torre, A. *see* Dionisio, C. 77600
Torre, E.Della *see* Della Torre, E.
Torre, L.P. *see* Feonychev, A.I. 77109
Torre, P. *see* Ambrosio, M. 53341
Torre, P. *see* Arena, V. 53299
Torre, P. *see* Arena, V. 98656
Torre-Colautti, S.Dalla *see* Dalla Torre-Colautti, S.
Torreno, M. *see* Efland, T. 61660
Torrens, I.M. *see* Chow, W. 78422
Torrent, M.C. *see* Dellunde, J. 72664
Torres, C.M.Sotomayor *see* Sotomayor Torres, C.M.
Torres, E.I. *see* Joshi, Y. 69567
Torres, G.L. *see* Castillo Saturno, E.A. 90494
Torres, I., Casacuberta, F. Spanish phone recognition using semicontinuous hidden Markov models 84082
Torres, I. *see* Galiano, I. 64392
Torres, I.Rodriguez de *see* Rodriguez de Torres, I.
Torres, J. *see* Palleau, J. 81107
Torres, J. *see* Perales, F.J. 96068
Torres, J.A. *see* Suresh Babu, B.N. 52623
Torres, J.P., Parra, T., Freire, J.C. 1-18 GHz monolithic distributed amplifier with lumped and distributed elements 80725
Torres, J.P., Torner, L., Falk Lederer All-optical tunable guided-wave thresholding with birefringent media 83309
Torres, J.P. *see* Mihalache, D. 56389
Torres, J.P. *see* Mihalache, D. 72376
Torres, J.P. *see* Torner, L. 64183
Torres, L., Huguet, J. An improvement on codebook search for vector quantization 51653
Torres, L., Salillas, J. Improvements on stochastic vector quantization of images 84996
Torres, L. *see* Casas, J.R. 74496
Torres, M. A frequency-agile hybrid spectral correlator for mm-wave radio interferometry 58538
Torres, P. *see* Keppner, H. 100572
Torres, R., Newman, E.H. Integral equation analysis of a sheet impedance coated window slot antenna 57234
Torres, R.P. *see* Domingo, M. 75589
Torres, V.M. *see* Schwartz, R.W. 50130
Torres-Verdin, C., Habashy, T.M. Rapid 2.5-dimensional forward modeling and inversion via a new nonlinear scattering approximation 83601
Torresani, B. *see* Flornes, K. 54803
Torresani, B. *see* Gonnet, C. 64466
Torresi, R.M. *see* Cantao, M.P. 82725
Torresi, S.I.Cordoba de *see* Cordoba de Torresi, S.I.
Torrey, D.A. A project-oriented power electronics laboratory 69420
Torrey, D.A. An experimentally verified variable-reluctance machine model implemented in the Saber circuit simulator 89851
Torrey, D.A., Al-Zamel, A.M.A.M. A single-phase active power filter for multiple nonlinear loads 68079
Torrey, D.A. *see* Keming Chen 68800
Torrey, D.A. *see* Simonelli, J.M. 60302
Torrey, P. *see* Snyder, S. 67961
Torrey, P. *see* Snyder, S. 88911
Torrez, W.C., Durham, J.T., Trueblood, R.D. Performance measures for neural nets using Johnson distributions 64471
Torrica, D. *see* Herbst, M.D. 81002
Torrieri, D. Calculation of node-pair reliability in large networks with unreliable nodes 96368
Torrisi, A., Scandurra, A., Licciardello, A. Evaluation of matrix effects in SIMS quantification of $Al_xGa_{1-x}As/GaAs$ heterostructures: a SNMS approach 92988
Torrisi, L. *see* Galvagno, G. 81430
Torroja, Y., Garcia, S., Aparicio, J.L., Martinez, P.M. An artificial vision system used for the measurement of the overhead wire in railway applications 97777
Torruellas, W. *see* Myoungsik Cha 94616
Torruellas, W.E., Krijnen, G., Kim, D.Y., Schiek, R., Stegeman, G.I., Vidakovic, P., Zyss, J. Cascading nonlinearities in an organic single crystal core fiber: the Cerenkov regime 94622
Torruellas, W.E. *see* Kim, D.Y. 63960
Torruellas, W.E. *see* Kim, D.Y. 83329
Tortel, V. *see* Cocquerelle, J. 90116
Torti, R., Gondhalekar, V., Tran, H., Selfors, B., Bart, S., Maxwell, B. Electrostatically suspended and sensed micro-mechanical rate gyroscope 75959
Tortorella, M. *see* Baxter, L.A. 54638
Tortorella, M. *see* Chun Kin Chan 54640
Tortorici, A. *see* Ala, G. 51145
Tortschanoff, T. *see* Ahlback, J. 82424
Tortschanoff, T. *see* Rifflet, J.M. 87792
Tortschanoff, T. *see* Russenschuck, S. 76345
Tortschanoff, T. *see* Russenschuck, S. 82495
Tortschanoff, T. *see* Vedrine, P. 87794
Toru Kajita *see* Toshiyuki Ota 81619
Torvela, H. *see* Ruokamo, I. 66542
Torvetjonn, G.J., Petterteig, A., Undeland, T.M. Analysis and measurements on a PWM DC-DC converter with lossless snubbers 68770
Torvik, L.M., Wilamowski, B.M. Modification of the backpropagation algorithm for faster convergence 80541
Tosaka, H., Watanabe, K., Koyama, H. Super twin breakers with solid-state overcurrent relay 100393
Tosaka, H. *see* Kobayashi, M. 70018
Tosaka, Y. *see* Suzuki, K. 62796
Tosaki, M. *see* Ito, S. 88004
Tosato, F. *see* Quaia, S. 99504
Toscano, A., Vaccari, M., Vegni, L. Reflection properties of isotropic-pseudochiral interfaces 83645
Toscano, A., Vegni, L. Spectral electric Green's dyad for a grounded bianisotropic slab fed by a three-dimensional point source 73474
Toscano, E. *see* Langella, A. 86999
Toshima, T., Sakai, S., Nakazawa, K. Image devices creating realistic sensation [visual communication] 85457
Toshimitsu, K., Yamazato, T., Katayama, M., Ogawa, A. A novel spread slotted Aloha system with channel load sensing protocol 65557
Toshiyoshi, H., Fujita, H., Kawai, T., Ueda, T. Piezoelectrically operated actuators by quartz micromachining for optical application 56169
Toshiyuki Ota, Yoji Ikezaki, Toru Kajita, Eiichi Kobayashi, Akira Tsuji Effects of deprotected species on chemically amplified resist systems 81619
Tosi, M. A self-controlled flyback DC/DC converter 91877
Tosolini, P. *see* Fabris, R. 67185
Tosolini, P. *see* Fabris, R. 67199
Tosoni, M.L. *see* Piglione, L. 68883
Tossell, D.A., Obhi, J.S., Shorrocks, N.M., Patel, A., Whatmore, R.W. Pyroelectric and electro-optic properties of sol-gel and dual ion beam sputtered PLZT thin films 50131
Tosun, H. Novel differential formulation of electromagnetic scattering by dielectric cylinders of arbitrary cross-section 57094
Tosun, H. Boundary condition transfer method for the solution of electromagnetic scattering by rotationally symmetric penetrable bodies 83595
Toth, C. *see* Clement, T.S. 94324
Toth, F.N. *see* Meijer, G.C.M. 58864
Toth, J. *see* Adam, A. 88087
Toth, J. *see* Adam, A. 88102
Toth, J. *see* Adriani, O. 88023
Toth, J.E. *see* Meyer, G.A., IV 79398
Toth, J.J., III The impact of the revised IEEE Std. 519 on power systems evaluated using the 1981 standard 53611
Toth, J.J., III The importance of knowing available fault currents when specifying interrupting ratings for low voltage equipment 78209
Toth, J.M., Mason, R., Runtz, K.J. Precise navigation using adaptive FIR filtering and time domain spectral estimation 95436
Toth, L. *see* Bondar, I. 67760

Toth, L.S., Hannah, A. Enhanced sectionalizing through proper testing of recloser time current curves 78102
Toth, P.A. *see* Reinhardt, V.S. 87416
Toth, Z. *see* Lohner, T. 49857
Toth, Z. *see* Szorenyi, T. 62512
Tothill, N. *see* Kren, D.E. 55910
Tothill, P., Avenell, A. Errors in dual-energy X-ray absorptiometry of the lumbar spine owing to fat distribution and soft tissue thickness during weight change 59367
Totin, A. *see* Chezeaux, J.C. 71050
Tot'meninov, E.M. *see* Rostov, V.V. 55509
Totoki, M., Mizumoto, T., Maru, K., Naito, Y. Demonstration of direct bonding between InP and gadolinium gallium garnet ($Gd_3Ga_5O_{12}$) substrates 81514
Totsuji, H. *see* Nara, S. 50957
Totsuka, H. *see* Ogasawara, S. 54098
Totsuka, K. *see* Jose, O. 78912
Totsuka, M. *see* Yoshida, N. 55743
Totsuka, T., Levoy, M. Frequency domain volume rendering 57808
Totta, P.A. *see* Borgesen, P. 71404
Totta, P.A. *see* Korhonen, M.A. 62536
Totzeck, M. Near-field imaging with a waveguide resonator probe in collection and reflection mode: I. Microwave measurements and resolving power 87477
Totzeck, M. Near-field imaging with a waveguide resonator probe in collection and reflection mode: II. Numerical simulation 87478
Tou, M., Chaffai, R., Al-Haddad, K., Olivier, G., Rajagopalan, V. New high power factor rectifier using soft commutated switches 90142
Tou, M., Chaffai, R., Al-Haddad, K., Olivier, G., Rajagopalan, V. Analysis and design considerations of a unity power factor quasi-resonant rectifier 90145
Tou, M., Rafesthain, T., Ba-Razzouk, A., Debebe, K., Al-Haddad, K., Rajagopalan, V. A new iterative method for the global simulation of power electronic multi-converter systems 68864
Touahri, D., Zondy, J.J., Acef, O., Hilico, L., Nez, F., Clairon, A., Millerioux, Y., Biraben, F., Julien, L., Felder, R. LPTF frequency synthesis chain: results and improvement for the near future 86883
Touahri, D. *see* Millerioux, Y. 58619
Touahri, D. *see* Millerioux, Y. 86877
Touati, D. *see* Iracane, D. 72927
Touati, H. *see* Bertin, P. 70414
Touati, H. *see* Grodstein, J. 92151
Touati, M.H. *see* Lubaszewski, M. 48687
Touba, N.A., McCluskey, E.J. Logic synthesis techniques for reduced area implementation of multilevel circuits with concurrent error detection 91846
Touboul, A. *see* Berland, V. 71650
Touch, J.D., Farber, D.J. An experiment in latency reduction 65055
Touchard, G., Grimaud, P.O., Romat, H., Moreau, O. Flow electrification in power transformers. Explanation of the wall-current measurements 90078
Touchard, G. *see* Boudalaa, M. 48635
Touchard, G. *see* Grimaud, P.-O. 58961
Touchard, G. *see* Romat, H. 57047
Touchi, K. *see* Hashimoto, K. 62516
Toudou, T. *see* Toda, A. 74388
Toueg, S. *see* Budhiraja, N. 85340
Toufar, J. *see* Vavra, Z. 90283
Touhami, O., Guesbaoui, H., Iung, C. Parameter identification of electrical machines 54033
Toukhy, M. *see* Honda, K. 81657
Toukhy, M.A., Hansen, S.G. The influence of post exposure bake on resist contrast 81665
Toukhy, M.A. *see* Schlicht, K. 81664
Toulouse, J. *see* Knauss, L.A. 93741
Toulson, D.L. *see* Sage, K.H. 95893
Toumazou, C., Lidgey, F.J., Chattong, S. High frequency current conveyor precision full-wave rectifier 55122
Toumazou, C., Ngarmnil, J., Lande, T.S. Micropower log-domain filter for electronic cochlea 92370
Toumazou, C., Saether, G., Adams, M. Switched current circuit design techniques for single-bit, high speed sigma-delta modulators 49513
Toumazou, C., Xiao, S. n-step charge injection cancellation scheme for very accurate switched current circuits 55327
Toumazou, C. *see* Battersby, N.C. 61793
Toumazou, C. *see* Tingleff, J. 70729
Toumazou, C. *see* Xiao, S. 55351
Tounai, K., Hashimoto, S., Shiraki, S., Kasama, K. Optimization of modified illumination for 0.25 μm resist patterning 71458
Tounai, K., Kasama, K. Optimization of optical parameters in KrF excimer laser lithography for quarter-micron lines pattern 49934
Tounzi, A., Meibody-Tabar, F., Sargos, F.M. Field oriented control of a smooth stator variable reluctance machine. Comparison between two models: with and without dampers 89852
Tour, N.Dupre La *see* Dupre La Tour, N.
Tourancheau, B. *see* Desprez, F. 51786
Toure, A., Thomson, K.P.B., Edwards, G., Brown, R.J., Brisco, B.G. Adaptation of the MIMICS backscattering model to the agricultural context-wheat and canola at L and C bands 59592
Toureille, A. Measurement of space charge by the thermal wave method: different techniques of numerical and experimental validation 58963
Touris, T. *see* Eichenlaub, J. 77172
Tourkhani, F. *see* Viarouge, P. 90123
Tourlog, A. *see* Nakamura, K. 93862
Tournadre, J. *see* Le Meur, D. 77379
Tournebise, P.J. *see* Carpentier, J.L. 59976
Tournie, E., Ploog, K.H., Grandjean, N., Massies, J. Surfactant-mediated molecular-beam epitaxy of highly-strained III-V semiconductor heterostructures 54896
Tournier, M. *see* Bouvier, J. 98673
Tourtel, C. *see* Jossinet, J. 67557
Tousek, J. *see* Touskova, J. 54154
Touskova, J., Kindl, D., Tousek, J. Photovoltaic cells on CdS/CdTe heterojunctions 54154
Tousley, B.C. *see* Lobad, A.I. 63696
Tousley, B.C. *see* Lobad, A.I. 72968
Toussaere, E. *see* Raffle, Y. 91454
Toussaint, G.T. A counterexample to Tomek's consistency theorem for a condensed nearest neighbor decision rule 84599
Toussaint, J., Fortier, P. A parallel computer for digital signal processing 95419
Toutain, S. *see* Hettak, K. 80635
Toutain, S. *see* Kouam, C.N. 80637
Touvet, J.-C., Pays, P.-A. A multimedia white page service using X.500/WWW integration 96618
Touzani, R. An eddy current problem with a thin inductor 94738
Touzi, R., Lopes, A. Analysis of speckle filtering in polarimetric SAR imagery 77682
Touzi, R., Lopes, A. The principle of speckle filtering in polarimetric SAR imagery 88871
Touzot, G. *see* Marechal, Y. 83445
Tovar, A.A., Casperson, L.W. Generalized reverse theorems for multipass applications in matrix optics 94561
Tovey, S.N. *see* Bates, S.J. 53308
Tovey, S.N. *see* Borer, K. 53347
Tow Chong Chong *see* Cheng Chiang Phua 54867
Towe, E., Sun, D., Bennett, B.R. Growth of the (In,Al,Ga)As quaternary alloy system on GaAs at low substrate temperatures by molecular-beam epitaxy 54846
Towe, E. *see* Sun, D. 55597
Towe, E. *see* Sun, D. 62235
Tower, J.R. *see* Levine, P.A. 66466
Tower, L.W., Oxford, S.C. Applications of the systolic cellular array processor (SCAP) 88690
Towers, M. *see* Gault, M. 83058
Towers, M.S. *see* Gault, M. 55852
Towers, M.S. *see* Hu, Z.R. 81917
Towers, M.S. *see* Macnab, J.A.R. 51083
Towers, M.S. *see* Mawby, P.A. 71619
Towers, M.S. *see* Zeng, J. 55949
Towle, J.N., Sloan, M.L., Prasad, B. A low-cost network for acquisition of geomagnetic and telluric potential data at selected DoD sites: preliminary results 88741
Towle, L.C. Intrinsic safety—the way forward 48641
Towle, L.C. An analysis of the overall integrity of an escape route lighting system 54255
Towler, G.O. Establishing the sharing criteria for a VHF terrestrial DAB network in the United Kingdom 97545
Towlsey, D. *see* Zhen Liu 64984
Towlson, W.A. *see* Davis, G.R. 58788
Town, G. Adiabatic coupled-mode filters with linear phase 82797
Towndrow, S.P. *see* Popple, G.W. 74799
Towne, J.D. *see* Marine, S.S. 81596
Towne, N.A. *see* Mitchel, G.R. 76586
Towner, F.J., Svensson, S.P., Little, J.W., Beck, W.A. Thickness uniformity requirements for GaAs/AlGaAs miniband transport quantum-well infrared detector wafers 66330
Towner, F.J. *see* Lee, C.Y. 58763
Towner, F.J. *see* Lee, C.Y. 71605
Towner, F.J. *see* Svensson, S.P. 54844
Townsend, B.R. *see* van Nee, R.D.J. 65955
Townsend, D.W., Byars, L.G., Defrise, M., Geissbuhler, A., Maguire, R.P., Missimer, J., Roddy, R., Brun, T., Mintun, M.A., Nutt, R. Design and performance of a rotating positron tomograph, RPT-2 98819
Townsend, J. Multimedia myth or reality? 85420
Townsend, J. *see* Hsu, K. 63721
Townsend, J.E. *see* Brocklesby, W.S. 94082
Townsend, J.E. *see* Kringlebotn, J.T. 63709
Townsend, J.E. *see* Pask, H.M. 56731
Townsend, J.K. *see* Al-Qaq, W.A. 84483
Townsend, J.K. *see* Devetsikiotis, M. 96192
Townsend, M.C. *see* Kempson, V.C. 87892
Townsend, P.D. Ion implanted waveguide lasers in insulators 56659
Townsend, P.D. Secure key distribution system based on quantum cryptography 58405
Townsend, P.D., Phoenix, S.J.D., Blow, K.J., Barnett, S.M. Design of quantum cryptography systems for passive optical networks 97315
Townsend, P.D., Zhang, L., Chandler, P.J. Extended short-wavelength harmonic production using a multilayer waveguide structure 73018
Townsend, P.D. *see* Hamelin, N. 73017
Townsend, P.D. *see* Owens, P.C.M. 94272
Townsend, P.D. *see* Sharp, J.H. 72379
Townsend, P.D. *see* Shepherd, D.P. 63752
Townsend, P.D. *see* Zhang, L. 63745
Townsend, P.K. *see* DiMondi, V.D. 49716
Townsend, S., Weintraub, E. Developing creative technological applications for persons with attentional deficits 53472
Townsend, T.U. *see* Hutchinson, P.A. 99997
Townsend, W.P. *see* Jahns, J. 63612
Townsend, W.P. *see* Mersereau, K. 50559
Townsend, W.P. *see* Sauer, F. 56396
Townsley, M. *see* Padgett, M.L. 85094
Towsey, M. *see* Alpsan, D. 88485
Towsley, D. *see* Pingali, S. 85300
Towsley, D. *see* Ramjee, R. 65277
Towsley, D. *see* Ren-Hung Hwang 65432
Towsley, D. *see* Schulzrinne, H. 65334
Towsley, D. *see* Sparaggis, P.D. 69674
Towsley, D. *see* Sparaggis, P.D. 69677
Toy, M. Interworking of US GOSIP compliant electronic mail systems 65225
Toya, A., Muraoka, K., Inoue, N., Ando, K. Development of optical ZCT and its application to fault section detection for 66-kV underground branch transmission lines 78235
Toya, H. *see* Koyama, K. 92856
Toyabe, T. *see* Tanaka, J. 93417
Toyama, K. *see* Kamiyama, E. 89634
Toyama, K. *see* Nicati, P.-A. 72790
Toyama, M. PZT thin films by multiple target reactive sputtering 82151
Toyama, S., Wang, Y.L., Emoto, T., Nomura, M., Takahashi, N., Oshita, H., Hirano, K., Himeno, Y., Sato, I., Enomoto, A., Ono, M. High power CW linac in PNC 66792
Toyama, T. *see* Sato, H. 60310
Toyama, T. *see* Shirakata, M. 98412
Toyama, T. *see* Tanaka, Y. 72628
Toyama, T. *see* Tanaka, Y. 82836
Toyama, T. *see* Tasaka, S. 93745
Toyama, Y. *see* Nakayama, M. 58584
Toyoda, H., Kawanoue, T., Hasunuma, M., Kaneko, H., Miyauchi, M. Improvement in the electromigration lifetime using hyper-textured aluminum formed on amorphous tantalum-aluminum underlayer 62515
Toyoda, H. *see* Mukohzaka, N. 56454
Toyoda, H. *see* Tanaka, S. 98810
Toyoda, I. *see* Tokumitsu, T. 80808
Toyoda, I. *see* Tokumitsu, T. 80814
Toyoda, J. *see* Aghamohammadi, M.R. 68137
Toyoda, K. *see* Hatsuzawa, T. 87540
Toyoda, K. *see* Jae-Suk Lee 71016
Toyoda, K. *see* Nakamura, O. 53054
Toyoda, K. *see* Nakayama, Y. 87522
Toyoda, K. *see* Sugioka, K. 81435
Toyoda, K. *see* Tanabe, T. 76750
Toyoda, M., Araki, K., Aruga, T. Optical ground facility for laser communication experiment 86269
Toyoda, M., Hamaji, Y., Tohoho, K., Payne, D.A. Ferroelectric properties and fatigue characteristics of $Bi_4Ti_3O_{12}$ thin films by sol-gel processing 93726
Toyoda, M., Hioki, I., Mizoguchi, H., Inaba, M., Kobayashi, A. A study on a compact three-phase encapsulated GCB 90296
Toyoda, M. *see* Araki, K. 86262
Toyoda, S. High efficiency amplifiers 80685
Toyoda, T., Suzuki, M., Katoh, T., Kurata, E., Yamaguchi, T., Nishiguchi, N. ASIC library generation system 61466
Toyoda, Y., Itakura, K., Nobusada, T., Saitoh, Y., Kokusenya, N., Nagayoshi, R., Tanaka, H., Ozaki, M., Sugawara, M., Mitani, K., Fujita, Y. A 2/3-inch 2.0 M-pixel M-FIT CCD with a single channel HCCD for HDTV camera 97661
Toyofuku, T. *see* Nakamura, S. 62966
Toyokura, M., Saishi, M., Kurohmaru, S., Yamauchi, K., Imanishi, H., Ougi, T., Watabe, A., Matsumoto, Y., Morishige, T., Kodama, H., Miyagoshi, E., Okamoto, K., Gion, M., Minemaru, T., Ohtani, A., Araki, T., Aono, K., Takeno, H., Akiyama, T., Wilson, B. A video DSP with a macroblock-level-pipeline and a SIMD type vector-pipeline architecture for MPEG2 codec 92281
Toyonaga, S. *see* Hatsuzawa, T. 87540
Toyonaka, T. *see* Sagawa, M. 83052
Toyooka, S. *see* Kadono, H. 72482
Toyoshima, H., Niwa, T., Yamazaki, J., Okamoto, A. Suppression of In surface segregation and growth of modulation-doped N-AlGaAs/InGaAs/GaAs structures with a high In composition by molecular-beam epitaxy 48944
Toyoshima, H., Takahashi, S.-I. Design of two-dimensional allpass filters using Hilbert transform 80434
Toyoshima, H. *see* Ishibashi, K. 70536
Toyoshima, M., Ohashi, T., Shinohara, S., Yoshida, H., Ikeda, H., Sumi, M. New digital displacement measuring circuit for aperiodic vibration using self-mixing type LDV 98379
Toyoshima, M., Shinohara, S., Ikeda, H., Yoshida, H., Sumi, M. Vibrational phase analysis of multipoints on vibrating object using laser-diode displacement meters 87608

Toyoshima, Y. *see* Azuma, A. 71670
Toyoshima, Y. *see* Eguchi, T. 93420
Toyoshima, Y. *see* Hsia, P. 52274
Toyota, K., Hyogo, A., Sekine, K. A design of 1 V CMOS-OTA with wide input range 49180
Toyota, S. *see* Kanemaru, K. 68272
Toyota, S. *see* Kanemaru, K. 99727
Toyota, Y. *see* Uchida, M. 89581
Toyoyama, S. *see* Kanie, Y. 61640
Toyoyama, S. *see* Kubota, Y. 62907
Tozer, R.C. *see* Scaife, J.M. 87432
Tozer, T.C. *see* Baines, S.J. 52432
Tozer, T.C. *see* Biain, G. 82556
Tozzato, A. *see* Franco, P. 72752
Trabattoni, G.R. *see* Bortone, E. 88504
Trabelsi, C., Yongacoglu, A. Probability of packet success for asynchronous DS/CDMA with block and convolutional codes 75181
Trabelsi, C., Yongacoglu, A. A reduced complexity DS-CDMA system for personal communication networks 75332
Trabelsi, C., Yongacoglu, A. Throughput analysis of slotted asynchronous DS/CDMA system 86061
Trabka, E.A. *see* Nichols, D.N. 66046
Tracht, N. *see* Seneff, T. 91975
Trachtenberg, I. *see* Badgwell, T.A. 93553
Trachtenberg, I. *see* Breedijk, T. 62357
Trachtenberg, I. *see* Huang, Y.L. 81499
Trachtenberg, I. *see* Toprac, A.J. 61384
Trachtman, A., Kalet, I., Shamai, S. Limiter-discriminator detection of continuous phase modulation (CPM) Tomlinson filtering 51527
Traci, A. *see* Labanti, C. 76762
Traci, A. *see* Rossi, E. 98694
Track, E.K. *see* Bunz, L.A. 93950
Tracy, D.P., Knorr, D.B., Rodbell, K.P. Texture in multilayer metallization structures 81574
Tracy, E.R. *see* Tang, X.Z. 74050
Tracz, A. *see* Jeszka, J.K. 71212
Tracz, W., Coglianese, L. An adaptable software architecture for integrated avionics 59505
Tracz, W. *see* Batory, D. 88675
Traenkle, G. *see* Leitenstorfer, A. 81238
Trafalis, T., Yu, Z. A new optimization model for minimizing the cost of electric power wheeling in multiple control areas 77970
Trafas, B.M. *see* Giessibl, F.J. 62132
Traff, H., Eriksson, S. Novel pseudo-class AB fully differential 3V switched current system cells 49124
Trafton, F. *see* Choi, D. 92428
Tragoudas, S. An improved algorithm for the generalized min-cut partitioning problem 49067
Tragoudas, S. *see* Bhatia, D. 49269
Tragoudas, S. *see* Kagaris, D. 49280
Tragoudas, S. *see* Kagaris, D. 49371
Tragoudas, S. *see* Kagaris, D. 80271
Tragoudas, S. *see* Kagaris, D. 92037
Traban, R.E. *see* Riemer, T.E. 73977
Trabey, G.E. *see* Ng, G.C. 84247
Trabey, G.E. *see* Walker, W.F. 84248
Trabey, G.E. *see* Walker, W.F. 98769
Traill, J. *see* Ventruella, D.J. 77878
Train, K., Mehrez, G. Optional time-of-use prices for electricity: econometric analysis of surplus and Pareto impacts 68047
Trainotti, V., Di Giovanni, N.D. Electrical education in Argentina 90789
Trakhtenberg, I.Sh. *see* Arbuzov, V.L. 70132
Trakhtengerts, V.Yu. *see* Bernhardt, P.A. 51114
Trakhtengerts, V.Yu. *see* Polyakov, S.V. 53533
Tralle, I.E. On a new type of dynamic quantum wells and quantum dots 93009
Tralle, I.E., Filonov, A.B. Space charge wave amplification in a multi-electrode MIS microstructure and in a two-dimensional electron gas 81378
Tralli, D.M. *see* Udd, E. 99157
Trammel, P. *see* Helm, M. 71799
Trammel, P. *see* Ting, W. 81563
Trampert, A. *see* Ilg, M. 94657
Tran, A., DeWitt, J., Boettcher, C. Positioning accuracy issues for 0.35 micron and future micro lithography 62562
Tran, B.-H. *see* Ney, H. 64388
Tran, B.N. *see* Wu, S.Y. 71897
Tran, C.A. *see* Xing, Q.J. 72891
Tran, D. *see* Sloan, I.H. 48864
Tran, D.K. *see* Mohamedi, R. 89203
Tran, H., Saha, D. Random access with mixed voice and data with interpolation of data in speech 74729
Tran, H. *see* Grant, P.D. 61351
Tran, H. *see* Torti, R. 75959
Tran, H.J., Barnes, M.J., Wait, G.D., Yan, Y. Longitudinal impedance of a prototype kicker magnet system 87715
Tran, H.J. *see* Wait, G.D. 87777
Tran, H.T., Sammut, R.A., Pask, C. Polarization stability of TE and TM waves in nonlinear planar waveguides 56371
Tran, H.T., Sammut, R.A., Samir, W. Interaction of self-guided beams of different frequencies 64001
Tran, H.T., Sammut, R.A., Samir, W. All-optical switching with multi-frequency spatial solitons 64982
Tran, H.T. *see* Bachmann, K.J. 61265
Tran, K. *see* Aguayo, K. 60972
Tran, L.T. *see* Anthony, T.C. 72131
Tran, L.T. *see* Chang, C.E. 93344
Tran, L.T. *see* Kobayashi, K.W. 55434
Tran, L.T. *see* Kobayashi, K.W. 80762
Tran, L.T. *see* Kobayashi, K.W. 80815
Tran, L.T. *see* Kobayashi, K.W. 92560
Tran, M., Nguyen, C. Wideband bandpass filters employing broadside-coupled microstrip lines for MIC and MMIC applications 49624
Tran, M.-Q. *see* Schwille, W.J. 76785
Tran, P., Amiry, A., Pellegrini, C., Corbett, J., Cornacchia, M., Lee, M., Nuhn, H.-D., Winick, H., Wu, D., Hofmann, A., Robin, D. Status of the variable momentum compaction storage ring experiment in SPEAR 66892
Tran, P., Celli, V., Maradudin, A.A. Electromagnetic scattering from a two-dimensional, randomly rough, perfectly conducting surface: iterative methods 57084
Tran, Q.T. *see* Hadjsaid, N. 53649
Tran, Q.T. *see* Hadjsaid, N. 78191
Tran, R.H. *see* Grider, D.E. 63024
Tran, S. *see* Soumekh, M. 88717
Tran, T., Greene, J., Alcock, M., Murphy, K., May, R., Wang, A., Wang, G., Claus, R., Coate, J.E. High temperature sapphire extrinsic Fizeau interferometer for strain measurements on silicon carbide materials 52924
Tran, T. *see* Claus, R. 52928
Tran, T. *see* Gillerman, J. 89234
Tran, T. *see* Greene, J. 99067
Tran, T. *see* Gunther, M.F. 98049
Tran, T. *see* Murphy, K. 53091
Tran, T. *see* Murphy, K.A. 98063
Tran, T.A. *see* Claus, R.O. 52935
Tran, T.A. *see* Claus, R.O. 98068
Tran, T.A. *see* Gunther, M.F. 91672
Tran, T.A. *see* Murphy, K.A. 91667
Tran, T.V., McCowen, A. A unified family of FFT-based methods for dielectric scattering problems 83629
Tran, T.V. *see* McCowen, A. 51089
Tran, T.V. *see* Zwamborn, A.P.M. 52620
Tran Cang *see* Cang Tran
Tran Nam Huu *see* Nam Huu Tran
Tran-Gia, P. *see* Stock, T. 51856
Tran-Gia, T. *see* Mittler, M. 64901
Tran-Ngoc, T. *see* de Jong, M.S. 67078
Tran-Ngoc, T. *see* de Jong, M.S. 67079
Tran-Ngoc, T. *see* Schwarz, H.D. 67134
Tranduc, H. *see* Beydoun, B. 71708
Tranfield, D. The 'soft side' of change [management] 48615
Trang, J.A. *see* Garman, P.J. 67720
Tranjan, F.M. *see* Bobbio, S.M. 57061
Trankle, G. *see* Geiger, H.-W. 72902
Trankle, G. *see* Godel, W. 61899
Trankle, G. *see* Klein, W. 56024
Trankle, G. *see* Lettau, C. 93037
Tranquilla, J.M., Carr, J.P., Al-Rizzo, H.M. Analysis of a choke ring groundplane for multipath control in Global Positioning System (GPS) applications 75686
Tranter, W.H., Kosbar, K.L. Simulation of communication systems 74629
Trapet, E. *see* Busch, K. 76191
Trapeznikova, I.N. *see* Kon'kov, O.I. 71572
Trapeznikova, I.N. *see* Kon'kov, O.I. 92917
Trapeznikova, I.N. *see* Kudoyarova, V.Kh. 94249
Trapeznikova, I.N. *see* Rogachev, N.A. 91578
Trapon, G. *see* Piquemal, F. 86930
Trapp, M. *see* Ressel, P. 81336
Trappe, J., Kroos, J., Tix, C., Simon, G. On the shape and location of the keyhole in penetration laser welding 94702
Traspedini, L. *see* Adam, W. 88114
Tratt, D.M. *see* Menzies, R.T. 88768
Traunfellner, C. *see* Larcher, G. 69861
Trautman, D.A. *see* Bose, T. 84189
Trautmann, C. *see* Apel, P. 53339
Trautvetter, H.P. *see* Greife, U. 98550
Trauwaert, M.-A. *see* Vanhellemont, J. 71573
Travassos, J., Cordeiro, V. Large slow speed diesel generators for stationary applications 60116
Travers, D.L., Shugar, D.S. Value of grid-support photovoltaics to electric distribution lines 100009
Travers, M.G., Long, J.E. Upfront planning pays off for UI [substation maintenance] 60393
Travers, P. *see* Hatfield, J.V. 58879
Travers, P. *see* Hatfield, J.V. 87320
Travers, T. *see* Bangham, M. 68421
Travers, T. *see* Bangham, M. 78369
Traversa, E. *see* Bearzotti, A. 66252
Traversa, E. *see* Bianco, A. 54977
Traversa, E. *see* Mattogno, G. 87609
Traverse, A. *see* Gogolides, E. 62609
Traverse, A. *see* Poumellec, B. 50551
Traverso, C. *see* Moller, H.M. 69795
Traverso, C. *see* Rolando, M. 76915
Traverso, P. *see* Lavagetto, F. 57780
Travier, C., Bernard, M., Dufresne, P., Michaud, G., Omeich, M., Roch, M., Rodier, J. CANDELA photo-injector high-power tests 59048
Travier, C. *see* Georges, P. 72751
Travis, D.J. *see* Naday, I. 88311
Travish, G., Rosenzweig, J. Numerical studies of strong focusing in planar undulators 63883
Travish, G., Rosenzweig, J. Strong sextupole focusing in planar undulators 67250
Travish, G. *see* Hartman, S.C. 66998
Travish, G. *see* Kim, K.-J. 63874
Travish, G. *see* Pellegrini, C. 76425
Travish, G. *see* Winick, H. 63870
Travish, G. *see* Winick, H. 83178
Travlos, A. *see* Nassiopoulos, A.G. 81355
Travlos, A. *see* Revva, P. 55649
Travlos, A. *see* Revva, P. 62311
Travnicek, T.G. *see* Jerome, R.C. 93585
Travnikov, V.V. *see* Rossin, V.V. 63561
Travnikova, N.L. *see* Kalyashova, Z.N. 56970
Traxler, A. *see* Bleuler, H. 57056
Traylor, M.E. *see* Britton, J.D. 66637
Traynor, D.J. *see* Illman, R.J. 49303
Traynor, K., Traynor, S. The efficacy of strategic and promotional factors on the sales growth of high-tech firms 60854
Traynor, S. *see* Traynor, K. 60854
Trazaskalik, T. A certain application of multiple criteria discrete dynamic programming 69504
Trbojevic, D., Tepikian, S., Peggs, S. Decoupling correction system in RHIC 98416
Trbojevic, D., Wei, J., Tepikian, S., Peggs, S., Dell, G.F., Satogata, T. RHIC chromatic correction system 98408
Trbojevic, D. *see* Lee, S.Y. 66869
Trbojevic, D. *see* Peggs, S. 66890
Trcek, D. Organization of certification authorities in a global network 74907
Trcek, D. *see* Jerman-Blazic, B. 83983
Treacy, J.J. *see* Sharma, T.C. 59483
Treacy, R. Eurotunnel locomotive "Le Shuttle" 69133
Treacy, R. The 'Le Shuttle' locomotives for the Channel Tunnel 69146
Treado, P.J. *see* Schaeberle, M.D. 76252
Treado, S. *see* Collins, B.L. 90633
Treado, S. *see* Ouellette, M. 69206
Treanor, C. *see* Keane, D. 96858
Treas, P. *see* Whitham, K. 67008
Treas, P. *see* Whitham, K. 67009
Treat, D.W. *see* Bour, D.P. 56791
Treat, D.W. *see* Bour, D.P. 63787
Treat, D.W. *see* Knall, J. 81300
Trebbi, G. *see* Barbucci, P. 99957
Trebes, J.E. *see* Wan, A.S. 50741
Trebes, J.E. *see* Wan, A.S. 72666
Trebich, V. Simulation of a thermionic RF gun with a grid 67277
Trebino, R. *see* DeLong, K.W. 73005
Trebino, R. *see* DeLong, K.W. 83240
Trebino, R. *see* Kane, D.J. 72995
Trebino, R. *see* Kohler, B. 83234
Trebino, R. *see* Levine, A.M. 83297
Trecordi, V. *see* Decina, M. 52178
Trecordi, V. *see* Giacomazzi, P. 96134
Tredicce, J.R. *see* Balle, S. 56781
Tredicce, J.R. *see* Chen, Z. 94579
Tredicce, J.R. *see* Lopez-Ruiz, R. 72697
Trees, H.L.Van *see* Van Trees, H.L.
Trefethen, L.N. *see* Kim-Chuan Toh 91365
Trefny, F.J. *see* Bobo, D.R. 53637
Trefny, F.J. *see* Bobo, D.R. 59791
Trefny, J.U. *see* Kim, D. 90433
Trefonas, P., Vizvary, G., Root, J., Meister, C., Szmanda, C. Dissolution inhibition of phenolic polymers: does a simple percolation field scaling law suffice? 81671
Trefonas, P. *see* Pandya, A. 81659
Tregidgo, R.W.S. *see* Downton, A.C. 64756
Tregilgas, J. *see* Melendez, J.L. 92956
Tregilgas, J.H. *see* List, R.S. 94275
Tregub, G.A. *see* Karnovich, V.N. 89737
Trehan, R., Sawashima, N., Yamaguchi, K., Hasebe, K. Toolkit for shared hypermedia on a distributed object oriented architecture 58194
Treib, T. Direct linear motor drives for machine tools 100039
Treichel, H. *see* Nguyen, S.V. 61383
Treichel, M. *see* Jorgens, V. 59161
Treichler, J.R. Using signal processing to improve communications on the manufacturing shop floor 69540
Treichler, R. *see* Karg, F. 100500
Treitinger, L. *see* Meister, T.F. 62964
Treitinger, L. *see* Weger, P. 75301
Trela, W.J. *see* Alkire, R.W. 98426
Tremain, T.E., Kemp, D.P., Collura, J.S., Kohler, M.A. Evaluation of low rate speech coders for HF 73871
Tremain, T.E. *see* Collura, J.S. 73837
Tremaine, B. *see* Abbott, M. 70473
Tremaine, B.P. Weigh the benefits of fuzzy logic vs. classical control in a disk drive spindle 78649
Trembinski, T., Reganato, F. Performing the AVIP durability analysis using the finite element method 59494
Tremblay, G. *see* Hesto, P. 49992
Tremblay, M., Savard, M., Poussart, D. Medium level scene representation using a VLSI smart hexagonal sensor with multiresolution edge extraction capability and scale space integration processing 76092
Tremblay, P. *see* Breton, M. 86880
Tremblay, R. *see* Florjanczyk, M. 72304

Trembly, B.S., Douple, E.B., Ryan, T.P., Hoopes, P.J. Effect of phase modulation on the temperature distribution of a microwave hyperthermia antenna array in vivo 88531
Trembly, B.S. *see* Wong, T.Z. 53448
Trembly, B.S. *see* Yeh, M.M. 88536
Tremewan, R. *see* Dove, R. 98752
Tremmel, G. 6-MW wind plant on the Golan Heights 78526
Trempler, J. *see* Strehmel, V. 79990
Trenkic, V., Christopoulos, C., Benson, T.M. Generally graded TLM mesh using the symmetrical supercondensed node 57160
Trenkic, V. *see* Flockhart, C. 54266
Trenkler, G. *see* Lassahn, M. 86943
Trenkler, G. *see* Tarach, D. 86948
Trent, C.L. *see* Wu, S.Y. 71897
Trent, J.R., Thompson, D.H. ASIC MCML series manufacturing process 79389
Trepakov, V.A. *see* Hrdina, J. 94550
Trepanier, J.-Y. *see* Zhang, X.D. 90289
Trepte, P. *see* Stolz, H. 58276
Treptow, K. *see* Andresen, J. 88067
Trequattrini, A. *see* Abele, M.G. 73224
Tresanchez, M. *see* Perez, R. 56174
Tresp, V., Snell, R., Gmitro, A.F. Videographic tomography. II. Reconstruction with fan-beam projection data 53376
Trespidi, M. *see* Vanhaudenarde, A. 83255
Tressler, J. *see* Newnham, R.E. 99340
Tressler, R.E. *see* Hwang, D.K. 93029
Tresso, E. *see* Demichelis, F. 48982
Tresso, E. *see* Demichelis, F. 71142
Tretter, D., Bouman, C. A model-based approach to multispectral image coding 85025
Tretter, S.A. *see* Laroia, R. 95106
Tret'yak, M.V. *see* Yasakov, G.S. 77920
Tretyak, V.P., Lyashko, O.V. Algorithm for a class of integer programming problems with implicit constraints 79636
Tret'yakov, D.N. *see* Abramov, A.V. 54911
Tretyakov, D.N. *see* Abramov, A.V. 91468
Tret'yakov, S.A. Approximate boundary conditions for a thin bi-isotropic layer 94920
Tretyakov, S.A., Sochava, A.A. Reflection and transmission of plane electromagnetic waves in uniaxial bianisotropic materials 64132
Tretyakov, S.A. *see* Lindell, I.V. 69309
Tret'yakov, S.M. *see* Postyushkov, V.P. 57455
Tret'yakov, S.M. *see* Postyushkov, V.P. 64240
Tretyakova, S., Lewitowicz, M., Borcea, C., Dlouhy, Z., Golovchenko, A., Lukyanov, S., Penionzhkevich, Yu., Ponomarenko, V., Skobelev, N., Svanda, I., Tretyakova, T. The use of CR-39 plastic detectors for investigation of elastic scattering of exotic nuclei 88168
Tretyakova, T. *see* Tretyakova, S. 88168
Treves, S.R. *see* Calvet, J.D. 96424
Treviranus, J., Shein, F., Parnes, P. Using speech recognition to augment alternative access 53473
Trevisan, F. *see* Bellina, F. 82431
Treviso, C.H.G. *see* da Costa, A.V. 68803
Trevorrow, M.V., Teichrob, R.C. Self-contained acoustics platforms for probing ocean surface processes 88817
Trevorrow, M.V. *see* Booth, I.J. 99234
Trew, R.J. *see* Bilbro, G.L. 62897
Trew, R.J. *see* Enquist, P.M. 62705
Trew, R.J. *see* Morris, A.S. 62719
Trew, R.J. *see* Shin, M.W. 62895
Trew, R.J. *see* Shin, M.W. 81936
Trew, R.J. *see* Slater, D.B., Jr. 62684
Trew, R.J. *see* Winslow, T.A. 62894
Trew, R.J. *see* Winslow, T.A. 70871
Trew, T.I.P., Gallery, R.D., Thanassas, D., Badique, E. Automatic face location to enhance videophone picture quality 85569
Trewby, P.N. *see* Chandler, S.T. 67593
Trewhella, J.M. *see* Jackson, K.P. 72648
Triamlumlerd, S., Tanimoto, M. Frequency division multiplexed recording of analog/digital signals in the TAT system 86772
Triandaf, I. *see* Cockburn, B. 71563
Triantafyllou, M.S. *see* Hover, F.S. 88815
Tribble, M.J. *see* Patel, N.K. 81335
Tribble, R.E. *see* Barakat, M. 98712
Tribble, S. *see* Botts, S. 76065
Tribe, R. *see* McCaffrey, P.J. 69182
Tribendis, A. *see* Moffat, D. 67120
Tribenis, A. *see* Hartung, W. 87731
Tribillon, G. *see* Chebbour, A. 83409
Tribillon, J.L. Paraxial calculation of 'Damman type' pupils, allowing the multiplication of images: exact solutions and error calculation 57761
Triboulet, R. *see* Cahen, D. 62217
Triboulet, R. *see* El Mokri, A. 69919
Triboulet, R. *see* Guergouri, K. 48930
Triboulet, R. *see* Quemerais, A. 62498
Triboulet, R. *see* Sallet, V. 48936
Tributsch, H. *see* Ellmer, K. 91600
Tridandapani, S., Meditch, J.S., Somani, A.K. The MaTPi protocol: masking tuning times through pipelining in WDM optical networks 65396
Trider, R.C. *see* Ferguson, B.G. 77101
Triebel, H. Relations between approximation numbers and entropy numbers 69822
Triebel, S. *see* Kelber, J. 82083
Tries, V. *see* Gabler, A.R. 67416
Triesch, E. *see* Aigner, M. 48794
Trifon Laskaris, E., Herd, K.G., Dorri, B. A compact 0.8 T superconducting MRI magnet 94007
Trifonov, A.S., Urikh, K.I. Polarization-independent optical circulator for optical communication systems 94142
Trifonov, A.S., Urikh, K.I., Pikhtin, N.A. Measurement of the minority carrier lifetime in the active region of a semiconductor laser 83147
Trifonov, D.E. *see* Demsky, M.I. 67022
Trifonov, E.S. *see* Baev, V.P. 93974
Trifonov, I.I. A Chebyshev approximation of the frequency responses of nonrecursive digital correctors 64522
Trifonov, I.I. *see* Korolev, A.P. 55149
Trifonov, V. *see* Danerud, M. 58749
Trifonov, V. *see* Danerud, M. 87181
Trifonov, V. *see* Karasik, B. 66353
Trifonov, V. *see* Lindgren, M. 56521
Trifonova, E.P. *see* Hitova, L. 91507
Trifshauser, W. *see* Willutzki, P. 87666
Trifunovic, V., Jokanovic, B. Review of printed Marchand and double Y baluns: characteristics and application 70852
Trigaux, R. *see* Estreme, F. 70579
Trigger, I. *see* Lemeilleur, F. 76757
Triggs, B. Model-based sonar localisation for mobile robots 58506
Trigiante, D. *see* Mazzia, F. 61195
Trigila, S. *see* Lucidi, F. 96213
Trigo, J.F. *see* Merino, J.M. 100651
Trigona, R. Library development: an input slope modelling methodology 91965
Tribadi, S. *see* Salehfar, H. 59709
Tribandyo, A. *see* Belloum, A. 70660
Trihy, R.J., Rohrer, R.A. A switched capacitor circuit simulator: AWEswit 49097
Trihy, R.J., Rohrer, R.A. Nonlinear macromodeling with AWE 91866
Trikouros, N. *see* Wood, R.M. 68392
Trillaud, C. *see* Jossinet, J. 67563
Trillo, S. *see* Assanto, G. 56854
Trillo, S. *see* Ferro, P. 56350
Trillo, S. *see* Ferro, P. 82589
Trilovsky, G. *see* Grohmann, F. 96402
Trinchero, G.C. *see* Aglietta, M. 67318
Trinchuk, B.F. *see* Novoselov, A.N. 71529
Trine, J., Shultz, R. University-industry-elementary school: the essential connection 79158
Trine, T.D. *see* Hoffman, M.W. 88557
Trines, D. *see* Horlitz, G. 93986
Trinh, M.L. *see* Dewey, W.C. 98805
Trinh, V., Norwood, C. Effects of engine speed and power on the sound power generated by a Stirling engine 88925
Trinidad-Lichauco, J. Seeking sustained development in the "infrastructure of infrastructures" 96354
Trinite, M. *see* Lecordier, B. 76268
Tripathi, A. *see* Tripathi, N.K. 77225
Tripathi, A. *see* Vedavathy, T.S. 61863
Tripathi, N.K., Tripathi, A. Feature extraction from multispectral digital images using artificial neural networks and Bayesian classifier 77225
Tripathi, S.K. *see* Bhagwat, P. 65276
Tripathi, S.K. *see* Chao, H.J. 74722
Tripathi, S.K. *see* Saha, D. 65316
Tripathi, V.K. *see* Hayden, L.A. 79347
Tripathi, V.K. *see* Jyh-Ming Jong 94889
Tripathi, V.K. *see* Orhanovic, N. 80597
Tripathi, V.K. *see* Pant, K.K. 63891
Tripathi, V.K. *see* Pant, K.K. 83182
Tripathi, V.K. *see* Rong, A.S. 80759
Tripathi, V.K. *see* Sawhney, B.K. 73328
Tripathi, V.K. *see* Sharma, A. 63896
Tripathi, V.K. *see* Sifen Luo 48689
Tripathy, S. *see* Ayyagari, M. 87305
Tripathy, S.C., Chohan, S. On line tracking state estimation in power system 99446
Tripathy, S.C., Chohan, S., Balasubramanian, R. Recursive state estimation algorithm for ill-conditioned power systems 88962
Tripathy, S.C., Nair, P.S.C., Rao, N.D. Automatic generation control with superconducting magnetic energy storage in power system 68026
Tripathy, S.C. *see* Malik, S.B. 78279
Tripathy, S.K. *see* Chen, Z. 87304
Tripathy, S.K. *see* Kuo, C.S. 62652
Tripathy, S.K. *see* Li, L. 56915
Tripathy, S.K. *see* Marx, K.A. 79995
Tripathy, S.K. *see* Samuelson, L.A. 66518
Triplett, J.D. *see* Martin, G.C. 52313
Tripodi, G. *see* Adam, W. 88114
Tripp, A. *see* Tsili Wang 83425
Trippe, A.P., Pearce, W.J. Synchrotron beamlines for X-ray lithography 62604
Trippe, A.P. *see* Pearce, W.J. 87755
Trippe, M.W. *see* Budka, T.P. 61955
Triscari, J. *see* Waller, M. 52641
Trischler, E., Johansson, M. TEN: a concurrent test engineering environment 71765
Trischler, E. *see* Dick, J.H. 79286
Trishenkov, M.A. *see* Taubkin, I.I. 75974
Tristram, G. *see* von Apeldoorn, G. 88116
Tritchew, S. *see* Gregoris, D.J. 57840
Trivedi, K. *see* Logothetis, D. 64925
Trivedi, K.S. *see* Choi, H. 54589
Trivedi, K.S. *see* Hoon Choi 69707
Trivedi, M. *see* Dalmia, A.K. 74557
Trivedi, M.M. *see* Copeland, A.C. 74602
Trivedi, M.M. *see* Marapane, S.B. 51587
Trivedi, M.M. *see* Ravichandran, G. 84587
Trivedi, S. *see* Davidson, F. 63713
Trivedi, S. *see* Davidson, F. 94254
Trivedi, S.B. *see* Bhat, I.B. 61257
Trivedi, Y.C., Kurz, L. A class of robust image processors 74588
Trivi, M. *see* Arizaga, R. 73136
Trizna, D.B. Statistics of X and S-band low grazing angle radar sea scatter 77440
Trkov, A., Ravnik, M. CORD-2 package for PWR core design calculations 53890
Trlep, M. *see* Rozman, J. 59416
Trlep, M. *see* Vrtacnik, P. 88503
Trnovec, M., Rusina, V. The software products for the long-time position changes evaluation of the nuclear power plant objects 78323
Trnovec, M. *see* Ondris, L. 98356
Trobaugh, D.J. *see* Trobaugh, J.W. 88396
Trobaugh, J.W., Richard, W.D., Smith, K.R., Bucholz, R.D. Frameless stereotactic ultrasonography: method and applications 76951
Trobaugh, J.W., Trobaugh, D.J., Richard, W.D. Three-dimensional imaging with stereotactic ultrasonography 88396
Troccaz, M. *see* Eyraud, L. 50142
Troccaz, M. *see* Guillemot-Amadei, M.M. 59614
Trocciola, J.C. *see* Sandelli, G.J. 60151
Trocha-Grimshaw, J. *see* Chiew, S.P. 91582
Trochet, M. *see* Rubel, S. 62618
Trochimenko, J.K. *see* Rybin, A.I. 49111
Troedsson, U. *see* Nilsson, M. 65418
Troescher, M. *see* Englmaier, A. 61470
Trofimenko, I.I. *see* Belolaptikov, I.A. 59156
Trofimov, G.S. *see* Kosarev, A.I. 72559
Trofimov, N. *see* Barnett, I. 76827
Troglia, G.P. *see* Fratta, A. 68558
Troitskii, A.V. Radiometric determination of wind velocity and direction in atmospheric boundary layer 77412
Troitskii, R.V. *see* Gaikovich, K.P. 66713
Troitskii, V.O. *see* Evtushenko, G.S. 63927
Trojanowicz, M. *see* Lee, K.S. 97896
Trokhachev, G. *see* Nikulin, A. 82452
Trokhimenko, Ya. L., Rybin, A.I., Myakushko, A.V. Circuit synthesis based on switched capacitances using the modified fitting method 70276
Trokhimovski, Y. The model for gravity-capillary waves modulation in IW current field and they application to radiophysical measurements 77425
Trokhimovski, Yu., Leuski, V. Measurements of water surface temperature using 5-mm microwave radiometer 77465
Trolier-McKinstry, S., Honggang Hu, Carim, A.H. Spectroscopic ellipsometry investigation of amorphous silicon nitride thin films 82110
Trolinger, J.D. *see* Vikram, C.S. 83384
Tromba, G. *see* Bocchetta, C.J. 59099
Trombley, G.J. *see* Reston, R.R. 81976
Tromborg, B., Lassen, H.E., Olesen, H. Traveling wave analysis of semiconductor lasers: modulation responses, mode stability and quantum mechanical treatment of noise spectra 63833
Tromborg, B. *see* Jacobsen, G. 97311
Tromborg, B. *see* Pan, X. 94440
Tromel, J. *see* Grotemeyer, P. 85944
Trommer, D., Unterborsch, G., Reier, F. Ultrahigh bandwidth balanced mixer receiver OEIC 58426
Trommer, D. *see* Kaiser, R. 86348
Tromp, R.M. *see* Falta, J. 79844
Tromp, R.M. *see* Horn-von Hoegen, M. 91504
Tromp, R.M. *see* LeGoues, F.K. 70144
Tromp, R.M. *see* Schell-Sorokin, A.J. 91542
Tromson-Carli, A. *see* El Mokri, A. 69919
Tromson-Carli, A. *see* Patriarche, G. 79833
Tromson-Carli, A. *see* Sallet, V. 48936
Tron, A.M. Rapid measurements of two dimensional ion beam current distribution for pulsed neutron source 76582
Tron, A.M., Shako, V.V. Short bunch length detector for ion beam with high bunch density 76583
Tron, B.Le *see* Le Tron, B.
Tronc, D. Compact proton therapy unit predesign 77053
Tronc, E. *see* Cherkaoui, R. 71928
Trong-Huang Lee, Chen-Yu Chi, East, J.R., Rebeiz, G.M., Haddad, G.I. A quasi-optical subharmonically-pumped receiver using separately biased Schottky diode pairs 80835
Trong-Huang Lee, Chen-Yu Chi, East, J.R., Rebeiz, G.M., Haddad, G.I. A novel biased anti-parallel Schottky diode structure for subharmonic mixing 92570
Trong-Huang Lee, East, J.R., Chen-Yu Chi, Rebeiz, G.M., Dengler, R.J., Mehdi, I., Siegel, P.H., Haddad, G.I. The fabrication and performance of planar doped barrier diodes as 200 GHz subharmonically pumped mixers 55391
Tronstad, K. *see* Smith, D.J. 99162
Tront, J.G. *see* Bettinger, D.D. 97785
Tront, J.G. *see* Ryan, C.A. 91750
Trontelj, J., Trontelj, L., Opara, R., Pletersek, A. CMOS integrated magnetic field source used as a reference in magnetic field sensors on common substrate 98272
Trontelj, L. *see* Trontelj, J. 98272
Trontelj, M. *see* Makarov, V. 61964

Troost, G.K. Competing power-generating technologies for the 21st century 60040
Tropartz, S. *see* Stojanoff, C.G. 57019
Tropea, C. *see* Xu, T.-H. 76264
Troppenz, U., Huttl, B., Velthaus, K.O., Mauch, R.H. Trailing edge phenomena in SrS:$CeCl_3$ thin film electroluminescent devices 72574
Tropper, A.C., Carter, J.N., Lauder, R.D.T., Hanna, D.C., Davey, S.T., Szebesta, D. Analysis of blue and red laser performance of the infrared-pumped praseodymium-doped fluoride fiber laser 56699
Tropper, A.C. *see* Lauder, R.D.T. 72782
Tropper, A.C. *see* Pask, H.M. 56731
Tropper, A.C. *see* Percival, R.M. 83013
Tropper, A.C. *see* Shepherd, D.P. 63752
Troscher, M., Hartmann, I., Klein, G., Plettner, A. TRICAP—a three dimensional capacitance solver for arbitrarily shaped conductors on printed circuit boards and VLSI interconnections 93530
Trost, D. *see* Schellin, R. 58723
Trost, H.-J. *see* Bo Lee 62042
Trost, H.-J. *see* Lee, B. 71036
Trost, H.-J. *see* Smith, D.D. 76847
Trost, H.-J. *see* Smith, D.D. 76848
Troth, R.C., Ramos-Garcia, R., Damzen, M.J. Greater than unity pulsed phase conjugate reflectivities using self-pumped four-wave mixing in a single $BaTiO_3$ crystal 73021
Trotsenko, V. *see* Androsov, V. 76390
Trotsenko, V. *see* Bar'yakhtar, V. 67407
Trott, G.R. *see* Kish, F.A. 94290
Trott, K.D. *see* Huddleston, D.G. 77781
Trotta, A. *see* Andria, G. 74009
Trotta, A. *see* Attivissimo, F. 97837
Trotter, C.M., Dymond, J.R. The acquisition and application of digital elevation data using GIS and remote sensing 67767
Trotz, S. *see* Chen, S.C. 76359
Trotz, S. *see* Lin, L.C.-L. 81123
Trouillas, P., Ratier, B., Moliton, A., Gauneau, M., Bernier, P. Doping of C_{60} films after ion implantation 93118
Trouilloud, P.L., Suits, F., Jahnes, C.V., Russak, M.A., Spada, E.J., Chang, J.W. Magnetoresistive characterization of thin-film structures by a gradient-field method 63175
Trouilloud, P.L. *see* Argyle, B.E. 72118
Trouilloud, P.L. *see* Petek, B. 50232
Trout, K. *see* Herron, M. 78429
Trout, T.J. *see* Gambogi, W.J. 56952
Trouve, B. *see* Harten, P.A. 86415
Trovato, M. *see* Brucoli, M. 89085
Trovato, S. *see* Aydin, F.N. 68390
Trow, M.W., Bento, A.C., Smith, A. Rate dependent image distortions in proportional counters 87996
Trowbridge, C.W. *see* Bryant, C.F. 83708
Trowbridge, C.W. *see* Emson, C.R.I. 83417
Trowbridge, D.L. *see* Shell, J.S. 58370
Trowbridge, H.H. *see* Agrawal, Y. 88832
Trowitzsch, G. *see* Adam, A. 88087
Trowitzsch, G. *see* Adam, A. 88102
Troxel, S.W., Delanoy, R.L. Machine intelligent approach to automated gust front detection for Doppler weather radars 77201
Troxler, R.E., Rodrigue, G.P., Peters, P.N. Field response of ultra-thin type II superconducting transmission lines 61866
Troyanov, M.F. *see* Matveev, V.I. 99839
Troyanov, M.F. *see* Murogov, V.M. 89539
Troyanova, G.N. *see* Bondarenko, V.P. 69982
Troyanovskii, B.M. Ways for improving the efficiency of steam turbines. I 89625
Troyanovskii, B.M. Ways of improving the efficiency of steam turbines. II 89628
Troyanovskii, B.M. New coal-fired power units and their steam-turbine installations 99937
Troyanovskii, B.M. *see* Al'saad, M. 89690
Troyanovskii, B.M. *see* Msaileb, A.T. 99936
Troyanovskii, B.M. *see* Trukhnii, A.D. 99934
Troyer, G.L. *see* Addleman, R.S. 53075
Truax, B. Discovering inner complexity: time shifting and transposition with a real-time granulation technique 73925
Trubenko, P.A. *see* Dianov, E.M. 72833
Trubenko, P.A. *see* Dianov, E.M. 91425
Trubetskov, D.I. *see* Ponomarenko, V.I. 81133
Trubin, A.A. *see* Il'chenko, M.Ye. 51171
Trubnikov, S.V. *see* Il'inskii, A.S. 83875
Truccato, M. *see* Boella, G. 86826
Truccato, M. *see* Boella, G. 93014
Trucco, A. *see* Murino, V. 86604
Trucco, A. *see* Murino, V. 86611
Trucco, E., Fisher, R.B. Acquisition of consistent range data using local calibration 97821
Trucco, E., Thirion, E., Umasuthan, M., Wallace, A.M. Visibility scripts for active feature-based inspection 84673
Trucco, E. *see* Fisher, R.B. 84890
Truche, R. *see* Flament, O. 70769
Truchetet, F., Cholley, J.P., Hemmings, S. Tampoprint inspection by artificial vision 91093
Truchetet, F., Jender, H., Gorria, P., Paindavoine, M. Modelisation of artificial vision inspection of continuously moving products 95853
Trudeau, Y.B. *see* Ares, R. 55717
Trudell, D. *see* Myers, D.R. 90416
Trudell, D.T. *see* Cannon, T.W. 100715
Trudnowski, D.I. Order reduction of large-scale linear oscillatory system models 59782
Trudnowski, D.J., Donnelly, M.K., Hauer, J.F. Advances in the identification of transfer function models using Prony analysis 59850
True, H. Does a critical speed for railroad vehicles exist? 54221
True, R. Simulation of thin film field emitter array cathodes 62087
True-Lon Lin, Jin-Suk Park, Gunapala, S.D., Jones, E.W., Del Castillo, H.M. Heterojunction internal photoemission $Si_{0.7}Ge_{0.3}$/Si infrared detector 52870
True-Lon Lin, Jin-Suk Park, Gunapala, S.D., Jones, E.W., del Castillo, H.M. Tailorable doping-spike PtSi infrared detectors fabricated by Si molecular beam epitaxy 66318
Trueblood, R.D. *see* Torrez, W.C. 64471
Truedson, J.R., Kabos, P., McKinstry, K.D., Patton, C.E. High field effective linewidth and eddy current losses in moderate conductivity single crystal Zn-Y hexagonal ferrite at 10-35 GHz 72054
Trueman, C.W., Kubina, S.J. Scattering from power lines with the skywire insulated from the towers 58552
Trueman, C.W., Kubina, S.J., Provost, J., Labarre, P., Lussier, G. Quick and effective adjustment of stub detuners by a two-loops method 86659
Trueman, C.W., Mishra, S.R., Larose, C.L., Mongia, R.K. Resonant frequencies and Q factors of dielectric parallelepipeds by measurement and by FDTD 87481
Trueman, C.W. *see* Larose, C.L. 65876
Truher, J.B. *see* Cavalli-Sforza, M. 87772
Trujillo, E. *see* Marsh, J. 59476
Trujillo, F.E., Sr. *see* Tyll, H.K. 68050
Trujillo, J.T. *see* Chakhovskoi, A.G. 66602
Trukhin, V.A. *see* Furman, E.G. 53097
Trukhnii, A.D. A new approach to estimating the low-cycle durability of power-generating equipment 99802
Trukhnii, A.D., Kostyuk, A.G., Troyanovskii, B.M. Improving the main operating, technical, and economic characteristics of steam turbines 99934
Trulove, P.C. *see* Carlin, R.T. 78789
Truman, J.K. *see* Hietala, V.M. 70814
Trump, C.L. *see* Marmorino, G.O. 99284
Trump, T. Filtering via the discrete Fourier cosine transform 73952
Trumper, D.L., Williams, M.E., Nguyen, T.H. Magnet arrays for synchronous machines 68550
Trunk, G.V., Kim, M.W. Multiple target ambiguity resolution 65882
Trunk, G.V., Kim, M.W. Ambiguity resolution of multiple targets using pulse-Doppler waveforms 97386
Truol, P. *see* Gabathuler, K. 59070
Truong, H.L. *see* Castro, R. 85755
Truong, H.L. *see* Denzel, W.E. 52088
Truong, H.L. *see* le Boudec, J.-Y. 58172
Truong, L.S. *see* Moliere, M. 89677
Truong, T. *see* Chen, G.-L. 50318
Truong, T.K. *see* Arps, R.B. 64878
Truong, T.K. *see* Chen, X. 83991
Truong, T.K. *see* Chin-Chi Hsu 95394
Truong, T.K. *see* Hsu, C.C. 57714
Truong, T.K. *see* Hsu, C.C. 83923
Truong, T.K. *see* Xuemin Chen 73701
Truong, T.K. *see* Xuemin Chen 95200
Truong, T.K. *see* Xuemin Chen 95201
Truong Hong Linh *see* Hong Linh Truong
Trusca, V., Pavelescu, D., Drosu, A., Dumitrescu, G. Study on vacuum commutation electrical contacts 90270
Trusov, K.K. Application of an extremely-low-inductance high-voltage capacitance generator to transverse-discharge flashlamp excitation 60610
Trusov, V.N. *see* Gostyukhin, V.Y. 57285
Trussell, H.J., Sharma, G. Signal processing methods in color calibration 84487
Trussell, H.J. *see* Evans, B.L. 74032
Trussell, H.J. *see* Vrhel, M.J. 51618
Trussell, H.J. *see* Vrhel, M.J. 85014
Truta, N. *see* Mihalache, D. 63365
Trutnovski, N.S., Petrovic, T.B. Speed and current control strategy for DC motor drive 60527
Trzaska, W.H. *see* Kuznetsov, A.V. 67357
Trzaskalik, J. *see* Dominiak, C. 48644
Trzeciak, W. *see* Huber, D.L. 88273
Trzeciak, W. *see* Liu, J. 66926
Trzeciak, W. *see* Liu, J. 98429
Trzeciak, W.S. *see* Green, M.A. 87749
Trzeciakowski, W. Quantum-well pressure sensors 58694
Trzeciakowski, W. New ideas in semiconductor pressure sensors 66289
Trzeciakowski, W. *see* Sosin, T.P. 66212
Trzynadlowski, A.M., Blaabjerg, F., Pedersen, J.K., Kirlin, R.L., Legowski, S. Random pulse width modulation techniques for converter fed drive systems—a review 68780
Trzynadlowski, A.M., Blaabjerg, F., Pedersen, J.K., Kirlin, R.L., Legowski, S. Random pulse width modulation techniques for converter-fed drive systems—a review 90529
Trzynadlowski, A.M., Kirlin, R.L., Legowski, S. Space vector PWM technique with minimum switching losses and a variable pulse rate 90203
Trzynadlowski, A.M., Legowski, S. Minimum-loss vector PWM strategy for three-phase inverters 60300
Trzynadlowski, A.M., Legowski, S. Characteristics of the delta inverter with vector pulse width modulation 70281
Trzynadlowski, A.M., Legowski, S. Application of neural networks to the optimal control of three-phase voltage-controlled inverters 100210
Trzynadlowski, A.M. *see* Karam, M. 68526
Trzynadlowski, A.M. *see* Kirlin, R.L. 100216
Trzynadlowski, A.M. *see* Legowski, S. 60350
Tsabieris, N.I. The computer simulation of a high speed data transmission system for use over high frequency radio links 58300
Tsagas, N.F. *see* Bakos, G.C. 88877
Tsai, B.K. *see* Mack, C.A. 81661
Tsai, C. *see* Campbell, J.C. 63560
Tsai, C. *see* Campbell, J.C. 63591
Tsai, C.S. *see* Kar-Roy, A. 72501
Tsai, C.S. *see* Kar-Roy, A. 72647
Tsai, C.S. *see* Kar-Roy, A. 93839
Tsai, C.S. *see* Pu, Y. 94167
Tsai, C.S. *see* Zang, D.Y. 72567
Tsai, C.Y. *see* Chen, Y.C. 96555
Tsai, D. Building Taiwan's network 96341
Tsai, F.-S., Ng, W.W. A low-cost, low-loss active voltage-clamp circuit for interleaved single-ended forward PWM converter 60343
Tsai, F.-S. *see* Dalal, D.B. 60342
Tsai, F.-S. *see* Thottuvelil, V.J. 49163
Tsai, F.C.D. Robust affine invariant matching with application to line features 96014
Tsai, H. *see* Keyhani, A. 60188
Tsai, H. *see* Keyhani, A. 89919
Tsai, H.H., Su, Y.K., Lin, H.H., Wang, R.L., Lee, T.L. P-N double quantum well resonant interband tunneling diode with peak-to-valley current ratio of 144 at room temperature 81792
Tsai, H.J. *see* Chang, H.P. 76581
Tsai, H.S., Kent, S.D., Lee, H., York, R.A. A simple measurement technique for characterizing active antennas 87490
Tsai, H.S., Rodwell, M.J.W., York, R.A. Planar amplifier array with improved bandwidth using folded-slots 51269
Tsai, J.-S. *see* Engler, M.J. 77042
Tsai, K.L., Lee, C.P., Chang, K.H., Chen, H.R., Tsang, J.S. Influence of oxygen on the performance of GaAs/AlGaAs quantum well infrared photodetectors 75979
Tsai, K.L., Lee, C.P., Chang, K.H., Liu, D.C., Chen, H.R., Tsang, J.S. Asymmetric dark current in quantum well infrared photodetectors 52868
Tsai, K.L., Lee, C.P., Tsang, J.S., Chen, H.R. Two-colour quantum well infra-red photodetector with peak sensitivities at 3.9 and 8.1 μm 76002
Tsai, K.L. *see* Chen, H.R. 81811
Tsai, K.L. *see* Chen, H.R. 81826
Tsai, M.-C. Analysis and implementation of a full-bridge constant-frequency LCC-type parallel resonant converter 54096
Tsai, M.C., Schindler, M.J., Struble, W., Ventresca, M., Binder, R., Waterman, R., Danzilio, D. A compact wideband balanced mixer 80198
Tsai, M.C., Schindler, M.J., Struble, W., Ventresca, M., Binder, R., Waterman, R., Danzilio, D. A compact wideband balanced mixer 80812
Tsai, M.C., Tajima, Y. A new compact 90° IF combiner 80610
Tsai, M.C. *see* Ventresca, M. 80857
Tsai, M.S., Muchlinski, S.L., Wang, B., Liu, C.-C., Damborg, M.J. User interface enhancement of CRAFT in on-line environment 68140
Tsai, M.S. *see* Wu, C.L. 81957
Tsai, N.S. *see* Hsieh, J.C. 50007
Tsai, N.S. *see* Hsieh, J.C. 55981
Tsai, R.-L. *see* Chen, P.-F. 96257
Tsai, R.Y. *see* Tarabanis, K. 58832
Tsai, S.P., Mucciolo, E.R., Helene, O. Relocation of multichannel spectra 67387
Tsai, T.E., Friebele, E.J., Griscom, D.L. Thermal stability of self-organized gratings and defects in Ge- and Ge-P-doped silica core fibers 63393
Tsai, V. *see* Suni, P. 66476
Tsai, W., Delfino, M., Day, M.E., Fair, J.A. Effect of electron cyclotron resonance H^+, Ne^+, Ar^+, and Xe^+ plasma precleaning on titanium silicide formation 81515
Tsai, W. *see* Liu, D. 71413
Tsai, W. *see* Nam, C.W. 93197
Tsai, W.C. *see* Jung, T.G. 93313
Tsai, W.C. *see* Lin, H.C. 79964
Tsai, W.C. *see* Wang, C.R.C. 83244
Tsai, W.F. *see* Song, P.S. 87799
Tsai, W.K. *see* Antonio, J.K. 79686
Tsai, Y.-K., Huang, Y.-T., Su, D.-C. A reflection-type substrate-mode grating structure for wavelength-division-multi/demultiplexing 85984
Tsai, Y.-S. *see* Lin, W.-S. 60206
Tsai, Y.-T. *see* Lin, J.-F. 94291
Tsai, Y.T. *see* Kuo, L.C. 100652
Tsai, Y.Tim *see* Tim Tsai, Y.
Tsai Chaochieh *see* Chaochieh Tsai
Tsai Chi-Taou *see* Chi-Taou Tsai
Tsai Chia-Chun *see* Chia-Chun Tsai
Tsai Chien-Chung *see* Chien-Chung Tsai
Tsai Chin-Yao *see* Chin-Yao Tsai

Tsai Chin-Yi *see* Chin-Yi Tsai
Tsai Ching-Tsorng *see* Ching-Tsorng Tsai
Tsai Du-Ming *see* Du-Ming Tsai
Tsai Du-Yih *see* Du-Yih Tsai
Tsai Huan-Shang *see* Huan-Shang Tsai
Tsai Jeng-Feng *see* Jeng-Feng Tsai
Tsai Min-Jen *see* Min-Jen Tsai
Tsai Ming-Horn *see* Ming-Horn Tsai
Tsai Ming-Ju *see* Ming-Ju Tsai
Tsai Ming-Kai *see* Ming-Kai Tsai
Tsai Ming-Shang *see* Ming-Shang Tsai
Tsai Ming-Shann *see* Ming-Shann Tsai
Tsai Ming-Shin *see* Ming-Shin Tsai
Tsai Ping-Sing *see* Ping-Sing Tsai
Tsai Ruenn-Bo *see* Ruenn-Bo Tsai
Tsai Wei Kang *see* Wei Kang Tsai
Tsai Wei-Tek *see* Wei-Tek Tsai
Tsai Wen-Hsiang *see* Wen-Hsiang Tsai
Tsai Wen-Inne *see* Wen-Inne Tsai
Tsai Woo-Hu *see* Woo-Hu Tsai
Tsai Yao-Tsung *see* Yao-Tsung Tsai
Tsai Yi-Kong *see* Yi-Kong Tsai
Tsai You-Bo *see* You-Bo Tsai
Tsai Yuan-lun *see* Yuan-lun Tsai
Tsai Ywh-Ren *see* Ywh-Ren Tsai
Tsai Zschong *see* Zschong Tsai
Tsai-Fu Hung *see* Guan-Chyun Hsieh 100333
Tsai-Hsiang Chen Criteria to estimate the voltage unbalances due to high-speed railway demands 90585
Tsair Kao, Chung-Yin Chen, Hsiang-Lin Yu, Shun-Lung Chen, Yu, B.C. Computerized interpretation of 12-lead electrocardiograms 77020
Tsair Kao *see* Chia-Hung Hsiao 77019
Tsair-Chun Liang *see* Yih-Shyang Cheng 95800
Tsakiridou, S. *see* Stavrakakis, I. 85280
Tsalamengas, J.L. TE/TM electromagnetic scattering by a slot on a ground plane and in the presence of a semi-cylindrical load 57090
Tsalides, P.G. *see* Adamides, E.D. 92109
Tsalides, P.G. *see* Tzionas, P.G. 80360
Tsamalaidze, Z.B. *see* Baranov, V.A. 76849
Tsanakas, P. *see* Papakonstantinou, G. 67561
Tsanev, S.V. *see* Arakelyan, E.K. 99958
Tsanev, V. *see* Ferdinandov, E. 52943
Tsang, C., Tang, Y. Disk-noise induced peak jitters in high density recording 50322
Tsang, C. *see* Chen, M.-M. 50236
Tsang, C. *see* Heim, D.E. 72133
Tsang, C.F., Marcenac, D.D., Carroll, J.E., Zhang, L.M. Comparison between 'power matrix model' and 'time domain model' in modelling large signal responses of DFB lasers 50722
Tsang, C.F. *see* Whiteaway, J.E.A. 94483
Tsang, D.H.K. *see* Chan, J.H.S. 64953
Tsang, D.H.K. *see* Hon-Wai Chu 96093
Tsang, D.M.C. *see* Jovanovic, M.M. 68809
Tsang, D.Z., Goblick, T.J. Free-space optical interconnection technology in parallel processing systems 56467
Tsang, J. *see* Baker, A. 92225
Tsang, J.C. *see* Horn-von Hoegen, M. 91504
Tsang, J.S. *see* Chen, H.R. 81811
Tsang, J.S. *see* Chen, H.R. 81826
Tsang, J.S. *see* Tsai, K.L. 52868
Tsang, J.S. *see* Tsai, K.L. 75979
Tsang, J.S. *see* Tsai, K.L. 76002
Tsang, K., Wei, B.W.Y. A VLSI architecture for a real-time code book generator and encoder of a vector quantizer 80528
Tsang, K. *see* Heath-Brown, D.R. 91269
Tsang, K. *see* Hyman, E. 91621
Tsang, K.F. *see* Hu Chi 73471
Tsang, K.K., Langley, R.J. Annular ring microstrip antennas on biased ferrite substrates 73526
Tsang, K.M., Billings, S.A. Two-dimensional pattern analysis and classification using a complex orthogonal estimation algorithm 95767
Tsang, K.T., Kostas, C., Mondelli, A. A high-order moment simulation model 87909
Tsang, L. *see* Au, W.C. 73252
Tsang, L. *see* Li, L. 73256
Tsang, P.H.H., Ng, J.M. The multimedia information link control 85311
Tsang, P.H.H. *see* Ng, J.M. 85914
Tsang, R.P. *see* Ahn, S. 64946
Tsang, W.K. *see* Sherman, S.J. 66304
Tsang, W.T., Wu, M.C., Chen, Y.K., Choa, F.S., Logan, R.A., Chu, S.N.G., Sergent, A.M., Magill, P., Reichmann, K.C., Burrus, C.A. Long-wavelength InGaAsP/InP multiquantum well distributed feedback and distributed Bragg reflector lasers grown by chemical beam epitaxy 72855
Tsang, W.T. *see* Chiu, T.H. 55826
Tsang, W.T. *see* Chiu, T.H. 71364
Tsang-Der Ni, Xiangdong Zhang, Daryoush, A.S. Dynamic range of semiconductor laser in the presence of external cavity 50835
Tsang-Der Ni, Xiangdong Zhang, Daryoush, A.S. Close-in carrier phase noise of laser with coherent feedback 83141
Tsank, S.V. *see* Zapolsky, V.N. 66975
Tsankov, M.A. *see* Ming Chen 63194
Tsann Lin, Mauri, D., Staud, N., Cherngye Hwang, Howard, J.K., Gorman, G.L. Improved exchange coupling between ferromagnetic Ni-Fe and antiferromagnetic Ni-Mn-based films 82241
Tsann-Shyong Liu *see* Bor-Shenn Jeng 95296
Tsantilas, T. *see* Gereb-Graus, M. 63519
Tsantilas, T. *see* Rao, S.B. 51822
Tsao, A.J. *see* Gullapalli, K.K. 62666
Tsao, A.J. *see* Kyono, C.S. 50579
Tsao, B.H., Ramalingam, M.L., Fries Carr, S. SiC as dielectric material for high temperature applications 92642
Tsao, C.-W.A. *see* Kahng, A.B. 91743
Tsao, E.C.-K., Wei-Chung Lin, Chin-Tu Chen, Bezdek, J.C., Pal, N.R. A neural network system for medical image understanding 74472
Tsao, H.-W. *see* Jingshown Wu 86205
Tsao, J. *see* Foerstner, J. 93462
Tsao, N.-k., Sun, T.-C. On the numerical computation of the derivatives of a B-spline series 48838
Tsao, S.-H., Lin, S.-M., Her, Y.-C., Wang, H.-L., Cheng, M.-G., Shyur, C.-C., Wu, Y.-M. The study of telecommunication network configuration in the Greater Taipei area 96270
Tsao, S.C. *see* Ma, Y. 70516
Tsao, S.H. *see* Chen, G.C.C. 87354
Tsao, S.H. *see* Chien, F.S.-S. 97773
Tsao, S.H. *see* Tsung-Han Su 87406
Tsao, T. *see* Huang, W.M. 93676
Tsao, T.-C. *see* Alter, D.M. 60252
Tsao, T.-R.J., Chen, V.C. Gabor wavelet pyramid for depth recovery 57828
Tsao Jenho *see* Jenho Tsao
Tsao Jenn *see* Jenn Tsao
Tsao Jungfu *see* Jungfu Tsao
Tsao Pei-Haw *see* Pei-Haw Tsao
Tsao-Ming Hong *see* Chia-Fu Chen 61408
Tsao-Ming Hong *see* Chia-Fu Chen 71294
Tsarapkin, D.O. *see* Barabanov, A.R. 83745
Tsaregradskii, V.B. *see* Korolev, V.N. 56746
Tsaregradskii, V.B. *see* Marugin, A.V. 72834
Tsarenkov, G.V. *see* Reznikov, B.I. 49835
Tsatsanis, M.K., Giannakis, G.B. Blind equalization of rapidly fading channels via exploitation of cyclostationarity and higher-order statistics 86166
Tsatsaronis, G., Lin, L., Tawfik, T., Gallaspy, D.T. Exergoeconomic evaluation of a KRW-based IGCC power plant 60110
Tsatsaronis, G., Tawfik, T., Lin, L., Gallaspy, D.T. Exergetic comparison of two KRW-based IGCC power plants 60109
Tsatsaronis, G. *see* Lin, L. 89700
Tsatsoulis, C. *see* Haverkamp, D. 77431
Tsatsoulis, C. *see* Leen-Kiat Soh 77429
Tsatsoulis, C. *see* Van Dyne, M. 77428
Tsau Liming *see* Liming Tsau
Tsauh Hong Chen *see* Huei Li Huang 71999
Tsaur Shuenn An *see* Shuenn An Tsaur
Tsaur Shuenn-An *see* Shuenn-An Tsaur
Tsay, M.T., Lu, C.N., Lin, W.M., Chen, C.S. Data extraction from a geographic information system for power system applications 53740
Tsay, M.T. *see* Lin, W.M. 99664
Tsay, M.T. *see* Lu, C.N. 78092
Tsay, R.-S. *see* Shih, M. 54529
Tsay, S.C. *see* Grebel, H. 50519
Tsay Mu-King *see* Mu-King Tsay
Tsay Su Chiou *see* Su Chiou Tsay
Tsay Wen-Chin *see* Wen-Chin Tsay
Tsay Yeong-Tsong *see* Yeong-Tsong Tsay
Tschalaer, C. *see* Flanz, J.B. 76342
Tschammer, V., Magedanz, T., Tschichholz, M., Wolisz, A. Cooperative management in open distributed systems 85640
Tscharner, C. An LPM-compliant environment and design methodology for FPGA design 91783
Tschernitz, M., Freyer, J., Grothe, H. GaAs Read-type IMPATT diodes for D-band 61922
Tscheulin, M. *see* Hamann, N.H. 67312
Tschichholz, M. *see* Bjerring, L.H. 96500
Tschichholz, M. *see* Magedanz, T. 96846
Tschichholz, M. *see* Tschammer, V. 85640
Tscholakoff, D. *see* Osanna, P.H. 69602
Tschosik, B., Dangler, W. Manufacturing advances increase availability of surface-mount magnetics 72167
Tschudi, T. *see* Asfour, J.M. 56843
Tschudi, T. *see* Frank, W.F.X. 56408
Tschudi, T. *see* Gerstner, K. 57026
Tschudi, T. *see* Gerstner, K. 83398
Tschudi, T. *see* Hossfeld, J. 56964
Tschudi, T. *see* Kienzle, O. 66699
Tschudi, T. *see* Odoulov, S.G. 83300
Tschudi, T. *see* Tabiryan, N.V. 76122
Tschudin, R.G. *see* Pohida, T.J. 87036
Tse, C.K. Chaos from a buck switching regulator operating in discontinuous mode 70292
Tse, C.K. *see* Lai, Y.M. 100252
Tse, C.K. *see* So, W.C. 91884
Tse, C.T. *see* Lo, C.M. 59829
Tse, M.S. *see* Zhu, W. 63082
Tse Ho Lien *see* Lien Tse Ho
Tse-Chien Huseh *see* Gwo-Ching Jang 77071
Tse-Chien Huseh *see* Jia-Jin J Chen 98905
Tse-Chung Wei, Subbarao, M. Continuous focusing of moving objects using DFDIF 75759
Tse-Chung Wei *see* Subbarao, M. 84687
Tse-En Chang *see* Tahui Wang 81886
Tse-Sung Wu *see* Hendrickson, C. 90894
Tsedilina, E.E., Weitsman, O.V., Soicher, H. Time delay of transionospheric radio signals in a horizontally inhomogeneous ionosphere 73327
Tsedilina, E.E. *see* Soicher, H. 83672
Tselik, V., Prikhod'ko, A., Raguotis, P., Vengalis, B. A method of determining a standing wave profile for analysis of high temperature superconductor microwave band radiating elements 57296
Tseng, B. *see* Ren, F. 93351
Tseng, B.H., Chang, Y.C., Lin, S.B., Hwang, H.L. Formation and microanalysis of selenized $CuInSe_2$ films 62450
Tseng, B.H. *see* Cheng, Y.H. 62449
Tseng, C.-H., Powers, E.J. Application of orthogonal-search method to Volterra modeling of nonlinear systems 84524
Tseng, C.-Y., Griffiths, L.J. Adaptive broadband beamforming using phase-independent derivative constraint techniques 84530
Tseng, C.-Y. *see* Castedo, L. 84443
Tseng, C.-y. *see* Lee, L.-s. 84079
Tseng, C.I. *see* Tzou, H.S. 58661
Tseng, F.C. *see* Hsieh, J.C. 50007
Tseng, F.C. *see* Hsieh, J.C. 55981
Tseng, H.H. *see* Chen, C.R. 56541
Tseng, J. *see* Amidei, D. 98639
Tseng, K.-J. *see* Lee, T.H. 69088
Tseng, K.H. *see* Lazar, A.A. 51916
Tseng, K.J., Foo, C.F., Palmer, P.R. Implementing power diode models in SPICE and Saber 93318
Tseng, K.J., Palmer, P.R. Modelling of power semiconductor devices for use in circuit simulations 93364
Tseng, L.P.D. *see* Gillpatrick, T.R. 69522
Tseng, M.R. *see* Lin, J.C. 56203
Tseng, P. *see* Zhi-Quan Luo 58005
Tseng, P.K. *see* Chang, C.H. 87618
Tseng, P.K. *see* Chang, C.H. 87682
Tseng, P.K. *see* Hwang, C.S. 87448
Tseng, S.H., Prabhu, V.K. Performance of optimum diversity combining and equalization with co-channel interference in mobile radio channel 75286
Tseng, T.Y. *see* Tung, M.J. 50379
Tseng Ben-Dau *see* Ben-Dau Tseng
Tseng Chien-Cheng *see* Chien-Cheng Tseng
Tseng Ching-Hsiang *see* Ching-Hsiang Tseng
Tseng Ching-Yih *see* Ching-Yih Tseng
Tseng Chiu-Yu *see* Chiu-Yu Tseng
Tseng Chuen-Den *see* Chuen-Den Tseng
Tseng Din-Chang *see* Din-Chang Tseng
Tseng Hsing-Huang *see* Hsing-Huang Tseng
Tseng King-Jet *see* King-Jet Tseng
Tseng Sheng-Tsaing *see* Sheng-Tsaing Tseng
Tseng Tseung-Yuen *see* Tseung-Yuen Tseng
Tseng Wang-Dauh *see* Wang-Dauh Tseng
Tseng Wei-Hsin *see* Wei-Hsin Tseng
Tseng Yao-Tsung *see* Yao-Tsung Tseng
Tseng Yun-Zu *see* Yun-Zu Tseng
Tseng-Hwa Song *see* Pei-Ling Liu 99384
Tsengyou Syau, Venkatraman, P., Baliga, B.J. Comparison of ultralow specific on-resistance UMOSFET structures: the ACCUFET, EXTFET, INVFET, and conventional UMOSFET's 55989
Tser-Ya Dai *see* Ta-Sung Lee 74005
Tsern-Huei Lee, Kuen-Chu Lai, Shii-Tyng Duann Call admission control for ATM networks using instantaneous QOS estimates 85901
Tsern-Huei Lee, Shun-Jee Liu Performance analysis of a large scale ATM switch with input and output buffers 64977
Tsern-Huei Lee, Shun-Jee Liu Multicasting in a shared buffer memory switch 74653
Tserng, H.Q. *see* Hill, D.G. 50075
Tserng Hua Quen *see* Hua Quen Tserng
Tsesmelis, E. *see* Borer, K. 53347
Tseung-Yuen Tseng *see* Chun-Hung Lai 61423
Tseung-Yuen Tseng *see* Horng-Show Koo 70067
Tsiang, E.Y. Space-charge dominated beam envelope transport with rotatable axes 87814
Tsiboukis, T.D. *see* Golias, N.A. 83447
Tsiboukis, T.D. *see* Golias, N.A. 83477
Tsibouklis, J. *see* Petty, M. 71847
Tsie Kai-Yiu *see* Kai-Yiu Tsie
Tsien Peihsin *see* Zhang Pengfei 81413
Tsigaridas, P.-G. *see* Tianning Zhang 96482
Tsigas, P. *see* Kirousis, L.M. 65047
Tsikhon, V.N. *see* Vysotsky, V.S. 89299
Tsikhon, V.N. *see* Vysotsky, V.S. 93909
Tsikunov, A.G. *see* Matveev, V.I. 99839
Tsili Wang, Oristaglio, M., Tripp, A., Hohmann, G. Inversion of diffusive transient electromagnetic data by a conjugate-gradient method 83425
Tsilis, M. *see* Syvridis, D. 56906
Tsimbalist, A.V. *see* Akimochkin, Yu.V. 53093
Tsimbalov, S.A. *see* Timonin, A.S. 99915
Tsimring, L.S. *see* Rulkov, N.F. 70274
Tsimring, Sh.E. *see* Zapevalov, V.E. 49743
Tsimring, Sh.E. *see* Zapevalov, V.E. 81144
Tsinberg, M. *see* Azadegan, F. 86791
Tsiolis, A. *see* Laopoulos, T. 80416
Tsiotsios, E.N. *see* Venieris, I.S. 65525
Tsipenyuk, D.Yu. *see* Bunkin, A.F. 77209
Tsirou, A. *see* von Apeldoorn, G. 88116
Tsitsiklis, J.N. *see* Irving, W.W. 51500
Tsitsiklis, J.N. *see* Stamoulis, G.D. 96285
Tsitsiklis, J.N. *see* Zhi-Quan Luo 96124
Tsitsos, S., Gibson, A.A.P. Transverse electric modes in shielded strip line 73425

Tsividis, Y., Papananos, Y. Continuous-time filters using buffers with gain lower than unity 49530
Tsividis, Y.P. Integrated continuous-time filter design — an overview 49535
Tsividis, Y.P., Khoury, J.M. Reply to recent comments by M. Ismail [MOSFET-C circuits] 49531
Tsividis, Y.P., Suyama, K. MOSFET modeling for analog circuit CAD: problems and prospects 49998
Tskhai, V.N. *see* Batskikh, G.I. 81145
Tso, C.P., Zhao, J. A study in forced convection of water in a single uneven planar rock fracture for geothermal application 60117
Tso, M. *see* Goldberg, D. 96491
Tso, S.K., Chan, W.L. Frequency and harmonic evaluation using non-linear least-squares technique 77873
Ts'o, T. *see* Neuman, B.C. 85730
Tso-Ping Ma *see* Ming-Horn Tsai 50013
Tsoi, A. *see* Alpsan, D. 88485
Tsois, E. *see* Gogolides, E. 62609
Tsokos, C.P. *see* Hongzhu Qiao 79506
Tsong, I.S.T. *see* Wurm, K. 81500
Tsong-Ho Wu A passive protected self-healing mesh network architecture and applications 58002
Tsong-Ho Wu *see* Yoshikai, N. 85248
Tsong-Ho Wu *see* Yoshikai, N. 85309
Tsorbatzoglou, K.M. *see* Jones, G.P. 98604
Tsorng-Lin Chia *see* Zen Chen 95734
Tsotsos, J. *see* Wilkes, D. 64892
Tsotsos, J.E. *see* Jenkin, M.R.M. 84690
Tsou, B.H. *see* Grigsby, S.S. 98235
Tsou, J.L. New approaches to condenser performance analysis 89609
Tsou, L. *see* Di-Son Kuo 70517
Tsou, R.H., Lin, S.C., Kiang, L.L. Monte Carlo simulation for Compton suppression spectrometer 98710
Tsoukalas, D., Paraskevas, M., Mourjopoulos, J. Speech enhancement using psychoacoustic criteria 84047
Tsoukalas, D. *see* Paraskevas, M. 75779
Tsoukalas, L. *see* Uhrig, R.E. 68389
Tsoukalas, M.Z. *see* Agrafiotis, G.K. 61042
Tsoukatos, K.P. *see* Sykas, E.D. 64989
Tsoupas, N. *see* Rodger, E. 76697
Tsu, H., Kahle, A.B. Overview of ASTER project in EOS program 77275
Tsu, R., Xiao-Lei Li, Nicollian, E.H. Slow conductance oscillations in nanoscale silicon clusters of quantum dots 81366
Tsu-Jae King, Saraswat, K.C. Deposition and properties of low-pressure chemical-vapor deposited polycrystalline silicon-germanium films 70150
Tsu-Jae King, Saraswat, K.C. Polycrystalline silicon-germanium thin-film transistors 81883
Tsu-Jae King *see* Jurichich, S. 81878
Tsu-Wang Chen, Wei-Chung Lin A neural network approach to CSG-based 3-D object recognition 74303
Tsubakishita, Y. *see* Yasui, T. 67273
Tsubakiyama, H., Koga, K. Security for information data broadcasting system with conditional-access control 74821
Tsuboi, A. *see* Matsushima, F. 61818
Tsuboi, H., Tanaka, M., Misaki, T., Naito, T. Three-dimensional analysis of eddy current and electromagnetic force in cold crucibles 90651
Tsuboi, H. *see* Kobayashi, F. 64745
Tsuboi, H. *see* Ukita, N. 58530
Tsuboi, K. *see* Matsui, K. 67995
Tsuboi, K. *see* Matsui, K. 100327
Tsuboi, N., Isu, T., Ando, Y., Sawada, M., Iida, S. Improvement in layer quality of $CuGaS_2$ grown by vapor phase epitaxy with metal chlorides and H_2S sources 61267
Tsuboi, N., Isu, T., Kakuda, N., Terasako, T., Iida, S. Vapor-phase atomic layer epitaxy of $CuGaS_2$ at atmospheric pressure using metal chlorides and H_2S 48938
Tsuboi, N. *see* Morohashi, M. 61270
Tsuboi, Y., Fiegna, C., Sangiorgi, E., Ricco, B., Wada, T., Katsumata, Y., Iwai, H. Monte Carlo analysis of velocity overshoot effects in bipolar devices with and without an i-layer 49966
Tsuboi, Y. *see* Matsuda, S. 50054
Tsuboi, Y. *see* Matsuda, S. 70423
Tsubota, M. Recent developments in lead-acid and Ni-Cd batteries for EVs 78935
Tsubota, T., Tanitsu, M., Hayama, M., Gotoh, N., Nakakarumai, S., Kuboyama, S., Tamura, T. Development of radiation-hardened HCMOS logic ICs in excess of a total dose of 10 kGy(Si) 61643
Tsubota, T., Yoshida, T., Hosoi, Y. Low distortion 1.3 μm DFB laser 56739
Tsubota, T.K. *see* Koga, R. 70466
Tsubouchi, K. *see* Masu, K. 62800
Tsubouchi, K. *see* Nakase, H. 85970
Tsubouchi, K. *see* Yokoyama, M. 62783
Tsubouchi, N. *see* Inoue, Y. 92232
Tsubouchi, N. *see* Iwamatsu, T. 93618
Tsubouchi, N. *see* Komori, S. 70514
Tsubouchi, N. *see* Kuroi, T. 71668
Tsubouchi, N. *see* Kuroi, T. 93615
Tsubouchi, N. *see* Maeda, S. 70484
Tsubouchi, N. *see* Maegawa, S. 92819
Tsubouchi, N. *see* Oda, H. 70521
Tsubouchi, N. *see* Terada, K. 89337
Tsubouchi, N. *see* Uchida, T. 93097
Tsuboyama, T. *see* Ikeda, H. 59204
Tsuboyama, T. *see* Okuno, S. 98559
Tsuboyama, T. *see* Saitoh, Y. 59075
Tsuboyama, T. *see* Saitoh, Y. 71780
Tsuboyama, T. *see* Saitoh, Y. 88124
Tsuboyama, T. *see* Saitoh, Y. 98580
Tsuchida, M. *see* Hane, T. 85979
Tsuchida, M. *see* Suzuki, T. 86009
Tsuchida, N., Ohsawa, J., Murata, R., Yamada, Y., Imai, K. Studies on DC micromotor employing EHD stream by ion drag 60238
Tsuchida, N. *see* Suzuki, M. 90025
Tsuchida, S. *see* Nagasawa, S. 55268
Tsuchida, S. *see* Nagasawa, S. 61732
Tsuchida, S. *see* Nagasawa, S. 92199
Tsuchida, W. *see* Hashimoto, O. 87457
Tsuchida, Y. *see* Enokizono, M. 87796
Tsuchidate, H. *see* Kodaira, M. 67214
Tsuchikawa, H. *see* Kato, T. 70154
Tsuchikawa, H. *see* Suzuki, T. 62553
Tsuchimoto, J. *see* Ishigaki, Y. 71826
Tsuchimoto, M., Kojima, T., Honma, T. Numerical analysis of frozen field model for levitation force of HTSC 93902
Tsuchimoto, M., Kojima, T., Takeuchi, H., Honma, T. Numerical analyses of levitation force and flux creep on high T_c superconductor 56236
Tsuchimoto, M., Takeuchi, H., Honma, T. Numerical analysis of levitation force on a high T_c superconductor for magnetic field configuration 90468
Tsuchimoto, M. *see* Matsuura, K. 72255
Tsuchimoto, S. *see* Kanie, Y. 61640
Tsuchimoto, S. *see* Kotaki, H. 91447
Tsuchimoto, S. *see* Kubota, Y. 62907
Tsuchimoto, S. *see* Yoshinouchi, A. 71631
Tsuchimoto, S. *see* Yoshinouchi, A. 93511
Tsuchiya, H., Okahisa, T., Hasegawa, F., Okumura, H., Yoshida, S. Homoepitaxial growth of cubic GaN by hydride vapor phase epitaxy on cubic GaN/GaAs substrates prepared with gas source molecular beam epitaxy 54864
Tsuchiya, H. *see* Miyoshi, T. 55858
Tsuchiya, H. *see* Sakai, Y. 75167
Tsuchiya, H. *see* Tohmori, Y. 83113
Tsuchiya, J. *see* Miyasaka, T. 90030
Tsuchiya, K. Low-cost could help increase ultrasonic motor applications 78659
Tsuchiya, K., Kobayashi, T.M., Haruyama, T., Ajima, Y., Doi, Y., Kimura, A. Superconducting magnets in the interaction region of the KEK B-Factory 76346
Tsuchiya, K. *see* Kinoshita, T. 73120
Tsuchiya, K. *see* Ogitsu, T. 87687
Tsuchiya, M., Takashima, M., Kimura, T., Noda, K. A method of segment extraction from image 51660
Tsuchiya, M. *see* Koshiba, S. 79862
Tsuchiya, M. *see* Matsunaga, Y. 94552
Tsuchiya, M. *see* Nakamura, Y. 56003
Tsuchiya, M. *see* Ohno, Y. 55613
Tsuchiya, M. *see* Watanabe, K. 87648
Tsuchiya, T. Network management for users in Japan 96465
Tsuchiya, T., Abe, M., Noro, Y., Inada, K. The gap recession reduced MIG head 50312
Tsuchiya, T., Komori, M., Uomi, K., Oka, A., Kawano, T., Oishi, A. Investigation of effect of strain on low-threshold 1.3 μm InGaAsP strained-layer quantum well lasers 56777
Tsuchiya, T., Ohno, T., Kado, Y., Kai, J. Hot-carrier-induced degradation in ultra-thin, fully-depleted, deep-submicron nMOS and pMOS SOI transistors 62776
Tsuchiya, T., Shiraishi, T., Arata, J. Improvements in service quality due to the introduction of fiber-optic radio micro-cellular system 97242
Tsuchiya, T. *see* Fujita, K. 61940
Tsuchiya, T. *see* Kado, Y. 91955
Tsuchiya, T. *see* Nakashima, S. 93558
Tsuchiya, T. *see* Ohno, T. 71796
Tsuchiya, T. *see* Shibata, H. 77741
Tsuchiya, T. *see* Wang, J.L. 49592
Tsuchiya, Y., Tada, K., Terasaki, H., Ichiura, S., Ota, O. High density digital videodisc using 635 nm laser diode 86789
Tsuchiya, Y. *see* Aoshima, S. 94419
Tsuchiya, Y. *see* Ichiura, S. 58601
Tsuchizawa, T., Jin, Y., Matsuo, S. Generation of electron cyclotron resonance neutral stream and its application to Si etching 55813
Tsuchizawa, T., Takahashi, C., Matsuo, S. Influence of reaction products and oxygen on highly selective electron cyclotron resonance ion stream etching of Si 93200
Tsuda, H. *see* Wada, M. 53204
Tsuda, H. *see* Wada, M. 53232
Tsuda, H. *see* Wada, M. 59055
Tsuda, H. *see* Wada, M. 67267
Tsuda, I., Kurokawa, K., Nozaki, K. Annual simulation results of PV system with redox flow battery 100024
Tsuda, K. *see* Akagi, J. 97326
Tsuda, M., Shimada, T., Takada, Y., Ishiyama, A. Thermal and electromagnetic behavior in NbTi/CuNi superconducting wires under fast changing transport current 89305
Tsuda, M., Shimada, T., Takada, Y., Okazaki, K., Ishiyama, A. Current distribution in A.C. multi-strand superconducting cables 93916
Tsuda, N. Integration scale increase of processor-arrays by using hierarchical redundancy 80209
Tsuda, S. *see* Brito Cruz, C.H. 83283
Tsuda, S. *see* De, S.C. 91580
Tsuda, S. *see* Hishikawa, Y. 79943
Tsuda, S. *see* Hishikawa, Y. 100581
Tsuda, S. *see* Kuriyama, H. 92918
Tsuda, S. *see* Kuwano, Y. 69014
Tsuda, S. *see* Maruyama, E. 100528
Tsuda, S. *see* Matsuyama, T. 100579
Tsuda, S. *see* Nishikuni, M. 78812
Tsuda, S. *see* Okamoto, S. 55749
Tsuda, S. *see* Sasaki, M. 100603
Tsuda, S. *see* Sawada, T. 100524
Tsuda, S. *see* Sawada, T. 100588
Tsuda, S. *see* Sayama, K. 100595
Tsuda, T. *see* Maekawa, Y. 77390
Tsuda, T. *see* Nishikawa, M. 72484
Tsuda, T. *see* Tsutsumi, M. 77364
Tsuda, Y. *see* Esaki, H. 52155
Tsuda, Y. *see* Matsumoto, H. 89783
Tsudaka, K. *see* Sugawara, M. 71474
Tsudik, G. *see* Molva, R. 65626
Tsuei, C.C. *see* Gupta, A. 82375
Tsuei, Y.G. *see* Fan, Y.C. 76280
Tsuei Yuh-Sheng *see* Yuh-Sheng Tsuei
Tsuen Lai Jiun *see* Jiun Tsuen Lai
Tsugami, M. *see* Mihashi, Y. 72805
Tsugawa, K. *see* Kawarada, H. 81344
Tsuge, H. *see* Miura, S. 80619
Tsuge, H. *see* Yoshitake, T. 80575
Tsuge, S. *see* Hishikawa, Y. 79943
Tsuge, S. *see* Okamoto, S. 55749
Tsuhako, S., Afuso, C., Zukeran, C. Design of a low-power universal literal circuit 80258
Tsuhan Chen, Vaidyanathan, P.P. Vector space framework for unification of one- and multidimensional filter bank theory 74191
Tsui, A.C., Yilmaz, H., Hshieh, F.I., Chang, M., Fortier, T. Commutating SOA capability of power DMOS FETs 55995
Tsui, B.M.W., Zhao, X.D. Practical iterative reconstruction methods for quantitative cardiac SPECT image reconstruction 59327
Tsui, B.M.W. *see* Beekman, F.J. 88439
Tsui, B.M.W. *see* Cao, Z.J. 59293
Tsui, B.M.W. *see* Lalush, D.S. 88420
Tsui, B.M.W. *see* Wilson, D.W. 59306
Tsui, B.M.W. *see* Zhao, X.D. 98840
Tsui, B.M.W. *see* Zong Jian Cao 76917
Tsui, B.Y., Hsieh, Y.F., Chang, C.H. Impact of structure enhanced defects multiplication on junction leakage 62403
Tsui, D.C. *see* Kurdak, C. 62890
Tsui, F. *see* Zhou, D. 54532
Tsui, F. *see* Zhou, D. 82018
Tsui, H.T. *see* Al-Hamadi, H. 74611
Tsui, J.B. *see* Fields, T.W. 77793
Tsui, J.B. *see* Fields, T.W. 88920
Tsui, P.G.Y., Gilbert, P.V., Shih Wei Sun Integration of power LDMOS into a low-voltage 0.5 μm BiCMOS technology 63034
Tsui, R. *see* Walther, M. 81333
Tsui, R.Y. *see* Krambeck, R.H. 70390
Tsui Chi-Ying *see* Chi-Ying Tsui
Tsui Hung Tat *see* Hung Tat Tsui
Tsui Hung-Tat *see* Hung-Tat Tsui
Tsui Kwok-Leung *see* Kwok-Leung Tsui
Tsuji, H., Ishikawa, J., Kawabata, Y., Gotoh, Y. Negative-ion production probability in RF plasma sputter-type heavy negative-ion source 53202
Tsuji, H., Ishikawa, J., Kawabata, Y., Gotoh, Y. Negative-ion production probability in rf plasma sputter-type heavy negative-ion source 67266
Tsuji, H., Mori, H. New analysis of HRV through wavelet transform 77032
Tsuji, H., Mori, H., Numao, T., Daimon, T. New analysis of HRV through wavelet transform 67592
Tsuji, H. *see* Ando, T. 93993
Tsuji, H. *see* Gotoh, Y. 53249
Tsuji, H. *see* Hamada, K. 93981
Tsuji, H. *see* Isono, T. 82466
Tsuji, H. *see* Nakajima, H. 72261
Tsuji, H. *see* Nishi, M. 72260
Tsuji, H. *see* Nishi, M. 93992
Tsuji, H. *see* Sano, A. 84513
Tsuji, H. *see* Takahashi, Y. 72219
Tsuji, H. *see* Tsuyuki, S. 74940
Tsuji, K., Yanagida, H., Abe, S., Sasaki, H. Development of fault characterization equipment (FCAREC) for power transmission lines 89397
Tsuji, K. *see* Shimoji, M. 79020
Tsuji, K. *see* Uraoka, Y. 49910
Tsuji, K. *see* Uraoka, Y. 50103
Tsuji, K. *see* Uraoka, Y. 81899
Tsuji, K. *see* Wada, M. 53232
Tsuji, K. *see* Wada, M. 59055
Tsuji, M., Makita, K., Taguchi, K. Doping properties of zinc in InAlGaAs grown by low-pressure metal-organic vapor-phase epitaxy 70014
Tsuji, M., Shigesawa, H. Scattering from perfect-conducting cylinders of finite length: calculations

by means of multiple equivalent dipoles and experiments 51097
Tsuji, M., Shigesawa, H. Packaging of printed-circuit lines: a dangerous cause for narrow pulse distortion 80970
Tsuji, M., Yamada, E., Izumi, K., Oyama, J. Stability analysis of a controlled-current source-fed induction motor vector control system without a speed sensor 89962
Tsuji, M. *see* Iguchi, G. 92478
Tsuji, M. *see* Izumi, K. 80129
Tsuji, M. *see* Kitagawa, S. 75789
Tsuji, M. *see* Kondo, Y. 50529
Tsuji, M. *see* Nakai, T. 73432
Tsuji, M. *see* Ohno, K. 72455
Tsuji, M. *see* Shigesawa, H. 73530
Tsuji, M. *see* Shigesawa, H. 79436
Tsuji, O. *see* Mito, H. 71518
Tsuji, S., Watanuki, O. Matteucci effect of an amorphous alloy tip used for high-density magnetic recording with a scanning tunneling microscope 72096
Tsuji, S. *see* Gang Xu 64739
Tsuji, S. *see* Kato, K. 64594
Tsuji, S. *see* Tamba, N. 92241
Tsuji, T., Ichioka, T. A low power dissipation GaAs DCFL dual modulus prescaler 55180
Tsuji, T. *see* Ide, K. 100133
Tsuji, T. *see* Kotani, H. 92223
Tsuji, T. *see* Kotani, H. 92236
Tsuji, T. *see* Run-De Qi 69163
Tsuji, T. *see* Suzuki, T. 92217
Tsuji, Y. *see* Toeda, H. 98212
Tsuji, Y. *see* Yamashita, M. 63547
Tsuji Akira *see* Akira Tsuji
Tsujide, T. *see* Nakamura, T. 82048
Tsujii, S. *see* Cardona, M. 85343
Tsujii, S. *see* Cardona, M. 96218
Tsujii, S. *see* Itoh, T. 73747
Tsujii, S. *see* Mambo, M. 95138
Tsujii, S. *see* Muneyasu, M. 92407
Tsujii, S. *see* Yamada, I. 74080
Tsujiko, Y. *see* Kawamura, M. 77710
Tsujimara, A. *see* Shimizu, Y. 64135
Tsujimoto, E.M. *see* Paglieroni, D.W. 74306
Tsujimoto, T. *see* Horii, N. 85761
Tsujimura, A. *see* Ishihara, T. 50793
Tsujimura, N. *see* Nakamura, T. 59430
Tsujimura, T., Manabe, T., Yabuta, T. Dynamics and control of aerial mobile legs 75171
Tsujimura, T., Yabuta, T. Pneumatic telecommunication conduit inspection system 97306
Tsujimura, T. *see* Manabe, T. 97795
Tsujino, J., Ishii, Y., Shiraki, T., Yamazaki, H. Ultrasonic plastic welding using 90 kHz upper and lower vibration systems 77754
Tsujino, J., Mori, T., Hasegawa, K. Welding characteristics of ultrasonic wire bonding using high-frequency vibration systems 77752
Tsujino, J., Ueoka, T., Fujita, Y., Watanabe, I. Ultrasonic butt welding of aluminum, copper and steel plate specimens 77753
Tsujino, J., Ueoka, T., Watanabe, I., Kimura, Y., Mori, T., Hasegawa, K., Fujita, Y., Shiraki, T., Motonaga, M. New methods of ultrasonic metal welding 99373
Tsujino, M. *see* Yamamoto, A. 100448
Tsujino, N., Ishida, T., Takeoka, A., Makino, Y., Sakoguchi, E., Ohsumi, M., Ohnishi, M., Nakano, S., Kuwano, Y. Residential photovoltaic power generating system connected to utility line 100023
Tsujioka, T., Shimizu, Y., Irie, M. Crosstalk in photon-mode photochromic multi-wavelength recording 56310
Tsujioka, T., Tatezono, F., Harada, T., Kuroki, K., Irie, M. Recording sensitivity and superlow-power readout of photon-mode photochromic memory 94049
Tsujitani, M. *see* Jayasekara, L. 54661
Tsukada, K., Ikeda, H., Kamae, T., Takahashi, T., Murakami, H. Peak hold monolithic integrated circuit with built-in shaping amplifier for hard X-ray detector 67377
Tsukada, K. *see* Miyahara, Y. 98146
Tsukada, K. *see* Morooka, T. 58663
Tsukada, K. *see* Nonomura, Y. 69174
Tsukada, M., Misawa, A., Nishikido, J., Shimazu, Y., Nakano, H. Experiments on photonic cell switching with an optical input buffer 65544
Tsukada, M. *see* Wen De Zhong 75165
Tsukada, N., Gotoda, M., Nunoshita, M. Effect of Coulomb charging energy on electron oscillations in a coupled-quantum-dot structure 93002
Tsukada, N. *see* Nara, S. 50957
Tsukada, S. *see* Matsui, Y. 61702
Tsukada, S. *see* Tanaka, K.H. 76567
Tsukada, S. *see* Watanabe, T. 64327
Tsukada, S. *see* Watanabe, T. 95251
Tsukada, T., Suzuki, T., Hatada, K. Micro television camera constructed by tape automated bonding method 75720
Tsukagoshi, K. *see* Wakayama, S. 93049
Tsukahara, H. *see* Katsumata, I. 53264
Tsukahara, K. *see* Yamaguchi, T. 99045
Tsukahara, O. *see* Nakashi, K. 70333
Tsukahara, S. *see* Changxin Zhu 81561
Tsukahara, T., Ishikawa, M., Muraguchi, M. A 2 V 2 GHz Si-bipolar direct-conversion quadrature modulator 92628
Tsukahara, Y., Neron, C., Jen, C.K., Kushibiki, J. Complex analysis of reflection coefficient for the characterization of layered materials using a line-focus-beam acoustic microscope 99362
Tsukahara, Y., Yongshen Liu, Neron, C., Jen, C.K., Kushibiki, J. Longitudinal critical angle singularities and their effect on V(Z) of the line-focus-beam acoustic microscope 77729
Tsukahara, Y. *see* Lisboa, O. 52904
Tsukahara, Y. *see* Lisboa, O. 87268
Tsukahara, Y. *see* Nakaso, N. 70181
Tsukakoshi, M., Takada, O., Murakami, T., Terada, M., Shibata, Y. Proposal of high-speed interconnection with bridges using ATM-based backbone LAN 96679
Tsukakoshi, M. *see* Yoshikado, S. 59588
Tsukamoto, H., Kobayashi, N., Kurashima, Y., Takeshita, Y., Aoki, J., Kawamura, T., Chiba, M. Low-cost, low-power 64-bit RISC microprocessor V_R4200 61755
Tsukamoto, H. *see* Isono, T. 82466
Tsukamoto, H. *see* Nakajima, H. 72261
Tsukamoto, K., Aoki, S., Tanaka, F. High-precision measurement vision system for IC positioning and lead bend inspection 75853
Tsukamoto, K., Fujii, T., Morinaga, N. A multi-access coherent optical communication system using common optical carrier with star configuration 65848
Tsukamoto, K., Miyata, T., Takagi, T. Accuracy improvements for cyclic charge-balancing A/D converter using digital correction algorithm 92313
Tsukamoto, K., Morimoto, H. Process and device technologies for subhalf-micron LSI memory 92218
Tsukamoto, K. *see* Fujiwara, N. 55807
Tsukamoto, K. *see* Maruyama, T. 55761
Tsukamoto, K. *see* Maruyama, T. 55808
Tsukamoto, K. *see* Mino, M. 91881
Tsukamoto, K. *see* Nakajima, M. 71464
Tsukamoto, K. *see* Shimizu, M. 93665
Tsukamoto, K. *see* Takeda, S. 52603
Tsukamoto, K. *see* Yamaguchi, Y. 71658
Tsukamoto, K. *see* Yamashita, N. 91912
Tsukamoto, K. *see* Yoshioka, N. 93547
Tsukamoto, M. Sound generation technology of electronic musical instruments 75775
Tsukamoto, M. *see* Kato, Y. 50730
Tsukamoto, M. *see* Murai, K. 56613
Tsukamoto, M. *see* Naiki, I. 92196
Tsukamoto, M. *see* Suzuki, M. 97222
Tsukamoto, O., Amemiya, N., Yamagishi, K., Takao, T., Akita, S., Torii, S., Ohishi, K., Shimizu, H. Development and electrical test of a 30 kVA class fully superconducting generator 89785
Tsukamoto, O. *see* Amemiya, N. 82316
Tsukamoto, O. *see* Amemiya, N. 89294
Tsukamoto, O. *see* Amemiya, N. 99712
Tsukamoto, O. *see* Fukui, S. 82329
Tsukamoto, O. *see* Hlasnik, I. 82310
Tsukamoto, O. *see* Ryu, K. 89297
Tsukamoto, O. *see* Ryu, K. 94000
Tsukamoto, O. *see* Takao, T. 87790
Tsukamoto, T. *see* Kikunaga, T. 49748
Tsukamoto, T. *see* Nagaki, Y. 82542
Tsukamoto, T. *see* Yahagi, N. 91552
Tsukamoto, Y. *see* Sato, A. 49840
Tsukano, K. *see* Inoue, T. 70788
Tsukasa, F. *see* Kobayashi, S. 98324
Tsukerman, I. Application of multilevel preconditioners to finite element magnetostatic problems 83485
Tsukerman, I., Lavers, J.D., Konrad, A. Using complementary formulations for accurate computations of magnetostatic fields and forces in a synchronous motor 89843
Tsukiji, H. *see* Muta, I. 89790
Tsukiji, M. *see* Hisamune, Y.S. 92186
Tsukiji, M. *see* Kanamori, K. 92205
Tsukiji, N. *see* Kasukawa, A. 72843
Tsukikawa, Y., Kajimoto, T., Okasaka, Y., Miyamoto, H., Ozaki, H. An efficient back-bias generator with hybrid pumping circuit for 1.5 V DRAMs 70556
Tsukikawa, Y., Kajimoto, T., Okasaka, Y., Morooka, Y., Furutani, K., Miyamoto, H., Ozaki, H. An efficient back-bias generator with hybrid pumping circuit for 1.5-V DRAMs 49428
Tsukishima, C., Nakata, S. A fast extraction instrument of a 1-GeV electron synchrotron 87862
Tsukishima, C. *see* Yoshizawa, K. 99047
Tsukishima, T. *see* Sasaki, K. 50744
Tsukishima, T. *see* Sasaki, K. 56639
Tsukishima, T. *see* Takada, N. 82917
Tsukiyama, T., Sato, J. Reconstructing a scene model from a sequence of monocular images 95985
Tsukiyama Shuji *see* Shuji Tsukiyama
Tsukuba, U. *see* Kumada, M. 68748
Tsukuda, N., Shinohara, S., Shibata, T., Yoshida, H., Ikeda, H., Sumi, M. New range-finding speedometer using a self-mixing laser diode modulated by triangular wave pulse current 97436
Tsukude, M., Hirose, M., Tomishima, S., Tsuruda, T., Yamagata, T., Arimoto, K., Fujishima, K. Automatic voltage-swing reduction (AVR) scheme for ultra low power DRAMs 70534
Tsukude, M. *see* Asakura, M. 92222
Tsukude, M. *see* Asakura, M. 92235
Tsukui, R. *see* Oura, Y. 68044
Tsukune, A. *see* Mieno, F. 70149
Tsumaki, N. *see* Mizuno, F. 79452
Tsumori, K., Ando, A., Takeiri, Y., Kaneko, O., Oka, Y., Okuyama, T., Kojima, H., Yamashita, Y., Kawamoto, T., Akiyama, R., Kuroda, T. High current H^- ion production in cesium seeded large ion sources 53191
Tsumori, K., Okuda, S., Yamamoto, T., Suemine, S., Takamuku, S. Burst-mode electron gun pulser for FEL with the ISIR linac 67017
Tsumori, K. *see* Ando, A. 87952
Tsumori, K. *see* Oka, Y. 53190
Tsumori, K. *see* Takeiri, Y. 53192
Tsumori, T. *see* Ogawa, T. 71457
Tsumori, T. *see* Ogawa, T. 71512
Tsumura, H. On evaluation of the Dirichlet series at positive integers by q-calculation 79575
Tsumura, H. *see* Nakamura, M. 85857
Tsumura, M. *see* Ohta, M. 87398
Tsumura, M. *see* Sasaki, T. 94211
Tsumura, Y. *see* Sato, K. 99119
Tsunasaki, M. *see* Yamaguchi, Y. 65893
Tsunashima, H., Abe, M. Dynamics of the mechanical levitation control system for a maglev transport vehicle 100870
Tsunashima, K., Stampleman, J.B., Bove, V.M., Jr. A scalable motion-compensated subband image coder 57750
Tsunashima, K. *see* Nakayama, H. 86725
Tsunashima, S. *see* Teragaki, Y. 50609
Tsunawaki, Y. *see* Ohigashi, N. 53113
Tsunekage, T. *see* Inoue, N. 53756
Tsunekawa, K., Kagoshima, K. Diversity performance analysis of two parallel dipole antennas mounted on a small metal body 64210
Tsunekawa, Y., Seki, K. High-performance multiprocessor implementation for block-state realization of state-space digital filters 70764
Tsunekawa, Y. *see* Seki, K. 52799
Tsunemi, H. *see* Kato, Y. 50730
Tsunemine, Y. *see* Kuroiwa, T. 93710
Tsunenari, K. *see* Shinzawa, T. 71436
Tsunenari, K. *see* Ueno, K. 62533
Tsuneno, K., Sato, H., Masuda, H. Modeling and simulation on degradation of submicron NMOS-FET current drive due to velocity-saturation effects 49986
Tsuneno, K. *see* Sato, H. 50082
Tsunetsugu, H. *see* Miyamoto, Y. 52562
Tsunetsugu, H. *see* Norimatsu, S. 75415
Tsung-Cheng Chen *see* Ching-Tsai Pan 49135
Tsung-Cheng Chen *see* Ching-Tsai Pan 100251
Tsung-Cheng Chen *see* Ching-Tsai Pan 100257
Tsung-Chih Chou *see* Tean-Sen Jen 71706
Tsung-Chih Ko *see* Fuh, A.Y.-G. 50575
Tsung-Han Su, I-Pao Chen, Tsao, S.H. Automated calibration methods for a high-voltage Park divider 87406
Tsung-Shune Chin, Ming-Cheng Deng, Sung-Lin Hsu Hexaferrite particles prepared by a novel flux method with δ-FeOOH as a precursor 49015
Tsung-Tsong Wu *see* Pei-Ling Liu 99384
Tsung-Yi Wu, Tzu-Chie Tien, Wu, A.C.-H., Youn-Long Lin A synthesis method for mixed synchronous/asynchronous behavior 49079
Tsung-Yu Pan, Cooper, R.R., Blair, H.D., Whalen, T.J., Nicholson, J.M. Experimental analysis of thermal cycling fatigue of four-layered FR4 printed wiring boards 70986
Tsuno, M. *see* Balestra, F. 62801
Tsuno, M. *see* Balestra, F. 62809
Tsuno, M. *see* Koyanagi, M. 93393
Tsuno, M. *see* Koyanagi, M. 93401
Tsunoda, H. *see* Mori, S. 70518
Tsunoda, H. *see* Sakagami, E. 61697
Tsunoda, H. *see* Yamaguchi, Y. 70498
Tsunoda, K. *see* Nakaue, K. 58303
Tsunoda, R.T. Range-Doppler characteristics of equatorial spread *F* obtained with a frequency-agile radar in the Pacific sector 65906
Tsunoda, T., Matsuda, T., Nakadaira, Y., Nakayama, H., Sasada, Y. Low-inductance module construction for high speed, high-current IGBT module suitable for electric vehicle application 60582
Tsunoda, T. *see* Maruyama, A. 80412
Tsunoda, T. *see* Masakawa, T. 91693
Tsunoda, Y. *see* Carlin, D.B. 50987
Tsunooka, M. *see* Matsuo, T. 71356
Tsunotani, M. *see* Nemoto, M. 55172
Tsuo, Y.S., Wu, X., Alleman, J.L., Li, X., Qu, Y., Ciszek, T.F., Hollingsworth, R.E., Bhat, P.K. Solar cell structures combining amorphous, microcrystalline, and single-crystalline silicon 100472
Tsuo, Y.S., Xiao, Y., Heben, M.J., Wu, X., Pern, F.J., Deb, S.K. Potential applications of porous silicon in photovoltaics 100473
Tsuo, Y.S. *see* Ciszek, T.F. 100619
Tsuo, Y.S. *see* Wang, T.H. 90411
Tsuru, K., Michikami, O. Preparation and properties of step-edge Josephson junctions using $EuBa_2Cu_3O_{7-x}$ thin films 72201

Tsuru, K., Michikami, O. Weak link array junctions in $EuBa_2Cu_3O_{7-x}$ films for microwave detection 92554
Tsuru, S. *see* Kato, K. 66614
Tsuru, S. *see* Kato, K. 87394
Tsuru, S. *see* Tanaka, K. 87369
Tsuruda, T. *see* Eimori, T. 93610
Tsuruda, T. *see* Suma, K. 92221
Tsuruda, T. *see* Suma, K. 92238
Tsuruda, T. *see* Tsukude, M. 70534
Tsurugi, M. *see* Yamaguchi, Y. 65893
Tsuruno, R., Isobe, Y., Ozaki, S., Kosako, H., Bamba, E. Computer design system of compensating filter for radiography treatment 88445
Tsuruoka, T. *see* Mohri, M. 62832
Tsurusaki, K. *see* Seki, M. 93572
Tsuruta, A. *see* Hidaka, R. 54974
Tsuruta, K. Lithium batteries grow in popularity as makers refine technology 60422
Tsuruta, K. *see* Bisaka, Y. 96747
Tsuruta, M. *see* Fujita, M. 97680
Tsuruta, S. *see* Ogimoto, K. 89056
Tsuruta, T. *see* Shweikani, R. 88078
Tsuruta Tomohiro *see* Tomohiro Tsuruta
Tsuruzawa, K., Makino, K., Menjo, A. AGV kit series 78866
Tsushima, T. *see* Ohno, K. 50208
Tsutsui, A. *see* Ohta, N. 92029
Tsutsui, H., Kurosaki, A., Sato, T., Hiraide, Y. Fault detection using topological case based modelimg and its application to chiller performance deterioration 97793
Tsutsui, H. *see* Ohtsuchi, T. 88441
Tsutsui, K. *see* Ohmi, S. 48914
Tsutsui, T. *see* Aminaka, E. 50685
Tsutsui, T. *see* Aoki, M. 72424
Tsutsui, T. *see* Aoki, M. 72918
Tsutsui, T. *see* Era, M. 72617
Tsutsui, T. *see* Saito, S. 72571
Tsutsui, T. *see* Takada, N. 72625
Tsutsui, Y. *see* Takada, H. 67037
Tsutsumi, H. *see* Enokizono, M. 82119
Tsutsumi, J. *see* Haruna, M. 61262
Tsutsumi, K., Nakaki, Y., Tokunaga, T., Fukami, T., Fujii, Y. High density recording with a visible laser diode in direct overwrite MO disk 50601
Tsutsumi, K. *see* Ishida, M. 70483
Tsutsumi, K. *see* Sakamoto, O. 70509
Tsutsumi, M., Fuji, T., Tobiyama, Y. Reliability improvements in the operating mechanism and control circuit of the gas-insulated switchgear 78739
Tsutsumi, M., Tsuda, T., Nakamura, T., Fukao, S. Temperature fluctuations near the mesopause inferred from meteor observations with the middle and upper atmosphere radar 77364
Tsutsumi, M. *see* Yukawa, T. 56216
Tsutsumi, T. *see* Maekawa, T. 61756
Tsutsumi, Y., Yonekura, T., Kikuchi, T. Cluster pulse criteria for recognition of partial discharge 68236
Tsutsumi, Y. *see* Baba, S. 85669
Tsuyuguchi, T. *see* Uchihashi, T. 93728
Tsuyuki, S., Tsuji, H. Local area multi-service system for fiber-optic subscriber network 74940
Tsuzuki, A. *see* Torii, Y. 91434
Tsuzuki, H. *see* Kuramitsu, Y. 79337
Tsuzuki, H. *see* Nakaue, K. 58303
Tsuzuki, M. *see* Yamanaka, H. 75161
Tsuzuki, N. *see* Miyamoto, Y. 52562
Tsuzuki, S. *see* Sadatomi, K. 61760
Tsuzuki, S. *see* Tamaru, Y. 53604
Tsuzuki, T. *see* Yamasaki, T. 52750
Tsuzuku, K., Fujimoto, M. Temperature-stable lead-relaxor-based ceramic dielectrics with chemical inhomogeneity 70169
Tsvetanka, Z. *see* Jagannadham, K. 91465
Tsvetkov, A.D. *see* Ivanova, I.V. 56845
Tsvetkov, A.M. *see* Pichugin, I.I. 89623
Tsvetkov, S.V. *see* Borisov, N.B. 89495
Tsvetkov, T. *see* Germanova, K. 98256
Tsvetkov, V.I. *see* Azarkevich, E.I. 55506
Tsvetkovskaya, S.M. *see* Gribnikov, B.A. 57177
Tsvineva, G. *see* Anishchenko, N. 94012
Tsybakov, A.B. *see* Doukhan, P. 64514
Tsybakov, B.S., Privalov, A.Yu. Packet delay in a DQDB network 65301
Tsybakov, B.S. *see* Hajek, B. 96178
Tsygankov, V.N. *see* Frolov, A.V. 92635
Tsyganok, B.A., Krivokon, I.A., Belyaev, A.D. Experimental examination of strained semiconductor samples using photoacoustic diagnostic method 92912
Tsyganov, A.V. *see* Gusev, A.V. 64207
Tsyganov, E., Meinke, R., Nexsen, W., Kauffmann, S., Zinchenko, A., Taratin, A. Electron beam emittance monitor for the SSC 76609
Tsyganov, E., Shih, H.-J., Meinke, R., Nexsen, W., Herath-Banda, M., Taratin, A. Decoherence of beam oscillations in the SSC due to beam-beam collisions 87857
Tsyganov, E. *see* Carrigan, R.A., Jr. 59039
Tsyganov, E. *see* Meinke, R. 76603
Tsyr-Shyang Liou, Tahui Wang, Chun-Yen Chang Calculation of hole mobility in doped SiGe alloys using a Monte Carlo method with a bond orbital band structure 92981
Tsyrlin, G.E. *see* Golubok, A.O. 54831
Tsyrlin, G.E. *see* Ledentsov, N.N. 70012
Tsyruk, S.A. *see* Gamazin, S.I. 100107
Ttsuk, M.J. *see* Kamon, M. 79349
Tu, C. *see* Mawst, L.J. 63817
Tu, C. *see* Ou, S.S. 72909
Tu, C.W., Chin, T.P., Chang, J.C.P., Kavanagh, K.L., Otsuka, N. InGaAs/InP and InAsP/InP quantum wells on GaAs (100) with graded $In_xGa_{1-x}As$ or $In_{1-y}Ga_yP$ buffer layers grown by gas-source molecular beam epitaxy 55641
Tu, C.W., Hou, H.Q. InAsP/InP strained quantum wells grown by gas-source molecular beam epitaxy on InP (100) and (111)B substrates 91518
Tu, C.W. *see* Chen, W.M. 71098
Tu, C.W. *see* Fu, S.-L. 49772
Tu, C.W. *see* Hou, H.Q. 55598
Tu, D.-W., Berk, W.P., Brown, S.E., Byer, N.E., Duncan, S.W., Eskandarian, A., Fischer, E., Gill, D.M., Golja, B., Kane, B.C., Svensson, S.P., Weinreb, S. High gain monolithic p-HEMT W-band four-stage low noise amplifiers 80779
Tu, D.W. *see* Duncan, S.W. 80780
Tu, G.B. *see* Yan, L.G. 83578
Tu, G.C. *see* Horng-Show Koo 70067
Tu, J.C. Optimum MMSE equalization for staggered modulation 95088
Tu, K. *see* Kwon, H.M. 86300
Tu, K.-Y., Yeh, J.-H., Kostuk, R.K. Receiver considerations for free space clock distribution systems 82851
Tu, K.N. *see* Hu, C.K. 62547
Tu, K.N. *see* Shi, L.T. 81578
Tu, M. Estimation of point-to-point traffic demand in the public switched telephone network 52045
Tu, R., Lum, G., Pavan, P., Ping Ko, Chenming Hu Simulating total-dose radiation effects on circuit behavior 63016
Tu, S.L. *see* Hwang, H.-P. 55886
Tu, X.L. *see* Barakat, M. 98712
Tu, X.W. *see* Belloum, A. 70660
Tu, X.W. *see* Kachi, D. 85184
Tu, X.W. *see* Meribout, M. 84881
Tu, Y.-L., Herbert, J.M., Milne, S.J. Fabrication and characterization of high permittivity ceramics in the $Ba(Ti_{1-x-y}Sn_xZr_y)O_3$ system 79982
Tu Chungming *see* Chungming Tu
Tu Guangyu, Wen Zenyin, Hu Huijun Principle and application of power system dynamic simulation 59688
Tu Guangyu *see* Bu Zhengliang 68117
Tu Guangyu *see* Guangyu Tu
Tu Hsiao-Kun *see* Hsiao-Kun Tu
Tu Jian *see* Wang Yongji 78486
Tu Jin, Zhou Man-Li Two-layer multi-agent method for intelligent diagnosis system 58629
Tu Pingliang, Chen Jiankang, Zhou Jianchu High emissivity coating and its application for energy-saving 54267
Tu Rong-Jie *see* Rong-Jie Tu
Tu Yuzhen *see* Shan Zhenguo 50787
Tu-Qiang Xie *see* Xie Tu-Qiang
Tual, J.P. *see* Nguyen, H.N. 49217
Tual, J.P. *see* Nguyen, H.N. 91758
Tuan, L. *see* Bystrov, S.D. 48927
Tuan, T.Q., Fandino, J., Hadjsaid, N., Sabonnadiere, J.C., Vu, H. Emergency load shedding to avoid risks of voltage instability using indicators 59776
Tuazon, J.O., Hamidian, K., Guyette, L. A new digital neural network and its application 80544
Tuba, T. Multi level logic synthesis based on decomposition 92063
Tubaro, S. *see* Migliorati, P. 84946
Tubaro, S. *see* Pedersini, F. 57775
Tubic, D. *see* Balkoski, D. 68127
Tubis, Ya.B. *see* Petrov, L.P. 69082
Tuboi, S. *see* Makino, S. 50261
Tubouchi, M., Ito, M., Takiguchi, H., Syutou, I. PCM carrier pilot protective equipment applied loop transmission line for multi-terminals at resistance grounded neutral system 89353
Tucci, C.L., Lang, J.H., Tabors, R.D., Kirtley, J.L., Jr. A simulator of the manufacturing of induction motors 68632
Tucci, M. *see* Bolognesi, G. 100544
Tucci, M. *see* Caputo, D. 60474
Tucci, M. *see* Caputo, D. 92989
Tucci, M. *see* Masini, G. 100694
Tucci, S.F. *see* Kaercher, G.C. 89647
Tucci, V. *see* Femia, N. 100219
Tucciarone, A. *see* Messina, G. 81689
Tuccio, S. *see* Laidani, N. 70125
Tuceryan, M. Moment-based texture segmentation 64858
Tuceryan, M. *see* Pankanti, S. 84805
Tuch, B. *see* Apel, T. 86222
Tuch, J. *see* Cheres, E. 60087
Tuchin, V.V. *see* Shcherbakov, Yu.N. 88529
Tuchin, V.V. *see* Shcherbakov, Yu.N. 88530
Tuchin, V.V. *see* Zimnyakov, D.A. 88361
Tuchman, S. *see* Lotan, N. 55497
Tucholski, P. *see* Kieliszek, A. 90245
Tuchscherer, H. *see* Moers, T. 67364
Tuck, B. The Internet: where did it come from and where is it going? 85682
Tuck, E.O. *see* Madurasinghe, D. 59580
Tuck Wah Ng, Fook Siong Chau Automated linear shear measurements in digital shearing speckle interferometry 57649
Tucker, J.H., Tapia, M.A. Minimum parameter solution of switching equations 85256
Tucker, J.L., Ray, G. Convergent needs, divergent technology: Nursing education for rural practitioners 96378
Tucker, J.R., Chinlee Wang, Carney, P.S. Silicon field-effect transistor based on quantum tunneling 71738
Tucker, R.S. *see* Lacey, J.P.R. 86439
Tucker, R.S. *see* Novak, D. 83402
Tucker, R.S. *see* Ying Cai 86479
Tucker, W.B., III. *see* Krishfield, R. 99227
Tuckerman, D. *see* Takken, T. 54518
Tuckerman, D.B., Bauer, L.-O., Brathwaite, N.E., Demmin, J., Flatow, K., Hsu, R., Kim, P., Lin, C.-M., Lin, K., Nguyen, S., Thipphavong, V. Laminated memory: a new 3-dimensional packaging technology for MCMs 48679
Tuckmantel, J. *see* Cavallari, G. 67070
Tuda, M. *see* Ono, K. 81530
Tudagawa, M., Yamamoto, M. 3D range measurement by distributed spatial-filters 53051
Tudor, B., Ionescu, A.M., Chovet, A., Steriu, M.-D. Optimal extraction of series resistances in vertical BJTs/SOI 81832
Tudoroiu, N. The stationary optimization of the pit gas primary reforming process 69279
Tue Huynh Huu *see* Huu Tue Huynh
Tuenge, R. *see* Halverson, W. 87385
Tuenge, R.T. *see* Pham, L.V. 87384
Tuerck, V. *see* Grundmann, M. 56809
Tufts, D.W., Shah, A.A. Blind Wiener filtering: estimation of a random signal in noise using little prior knowledge 84433
Tufts, D.W. *see* Edelson, G.S. 99261
Tufts, D.W. *see* Ge, H. 84437
Tufts, D.W. *see* Hongya Ge 95541
Tufts, D.W. *see* Real, E.C. 74054
Tufts, D.W. *see* Shah, A.A. 84376
Tufts, D.W. *see* Shah, A.A. 95535
Tufts, D.W. *see* Wilson, E. 74111
Tugarev, V.A. *see* Polushkin, V.M. 69936
Tugnait, J.K. Estimation of linear parametric models of nonGaussian discrete random fields with application to texture synthesis 51615
Tugnait, J.K. Blind estimation of digital communication channel impulse response 57930
Tugnait, J.K. Linear model validation and order selection using higher order statistics 74077
Tugnait, J.K. On blind identifiability of multipath channels using fractional sampling and second-order cyclostationary statistics 84553
Tugnait, J.K. Testing for linearity of noisy stationary signals 95387
Tugnait, J.K. Testing for linearity of noisy stationary signals 95530
Tugnait, J.K. *see* Swaminathan, R. 85212
Tugnait, J.K. *see* Ye, Y. 84511
Tugushev, S.N. *see* Loshkareva, N.N. 72494
Tuichiev, M. *see* Aronov, D.A. 49784
Tuinhout, H.P. Design of matching test structures [IC components] 62923
Tukarev, V.A. *see* Mikerov, V.I. 74015
Tukhtarov, A.G. *see* Fel'dman, Yu.I. 68651
Tukhtarow, A.G. *see* Dorogush, G.I. 69158
Tukkiniemi, K. *see* Englund, M. 90095
Tulac, S. *see* Bogunovic, N. 66123
Tuli, M. *see* Shu, Q.S. 87932
Tuli, S., Bhattacharyya, A.B. Characteristics of row withdrawn surface acoustic wave reflective dot dispersive delay lines 93866
Tuli, S. *see* Bhattacharyya, A.B. 55023
Tulipe, D.C.La *see* La Tulipe, D.C.
Tulkoff, C., Komm, R. Printed-circuit board analysis techniques for a competitive edge 81010
Tull, J.X. *see* Hillegas, C.W. 56836
Tullemans, A.H.J. Laser soldering of today's electronic components 79310
Tuller, H.L. *see* Mlcak, R. 55822
Tulloss, R.E. *see* Yau, C.W. 60926
Tully, P. Matsushita's color flat panel 76137
Tulunay, Y. *see* Gibson, A.J. 86654
Tuma, J. *see* Dudorkin, J. 54362
Tuma, M.L. *see* Beheim, G. 66372
Tumageanian, A., Keyhani, A., Seung-Ill Moon, Leksan, T.I., Longya Xu Maximum likelihood estimation of synchronous machine parameters from flux decay data 60194
Tumanskaya, A.E. *see* Kremenetskiy, S.D. 64213
Tumash, M.F. Laser resonators with aberration elements 72942
Tumash, M.F. *see* Silichev, O.O. 63902
Tumay, M., Simpson, R.R.S. Detailed model of current transformer including magnetic nonlinearity and hysteresis effects 99780
Tumer, O.T. *see* O'Neill, T.J. 67668
Tumer, O.T. *see* Sarmouk, A. 98612
Tumma, L.R. *see* Darveniza, M. 68308
Tummala, R., Clark, B.T., Bhatia, H., Kadakia, S. Overview of IBM glass ceramic packaging technology 91006
Tummala, R. *see* Ray, S. 91033
Tummala, R.L., Koenig, B.E. Models for life cycle assessment of manufactured products 90893
Tummala, R.R. Multichip technologies from personal computers to mainframes and supercomputers 90971
Tummala, S. *see* Golden, A., Jr. 75558
Tummala, V.M.Rao *see* Rao Tummala, V.M.

Tuncer, E., Beom-Taek Lee, Islam, M.S., Neikirk, D.P. Quasi-static conductor loss calculations in transmission lines using a new conformal mapping technique 83778
Tuncer, E. *see* Islam, M.S. 57168
Tuncer, T.E., Nguyen, T.Q. M-channel approximately linear phase IIR filters using allpass subfilters 95614
Tunehiro, Y. *see* Sato, T. 89763
Tung, F. Building telecom networks to the People's Republic of China 85416
Tung, M.J., Chang, W.C., Liu, C.S., Liu, T.Y., Chen, C.J., Tseng, T.Y. Study of loss mechanisms of Mn-Zn ferrites in the frequency from 1 MHz to 10 MHz 50379
Tung, M.J. *see* Liu, C.S. 63203
Tung Cheng *see* Cheng Tung
Tung Chien-Cheng *see* Chien-Cheng Tung
Tung Ng Wai *see* Wai Tung Ng
Tung-Hai Chin, Nakano, M. About the modeling method for switching DC-DC converter with large fluctuation in variables 90172
Tung-Hai Chin *see* Nakano, M. 61556
Tung-Hai Chin *see* Nakano, M. 100342
Tung-Sheng Lin *see* Lin-Shan Lee 95300
Tung-Yang Ho, Lih-Hsing Hsu A note on the minimum cut cover of graphs [printed circuit testing] 80973
Tungen, R. *see* Odoulov, S.G. 83300
Tungpimolrut, K., Fang-Zheng Peng, Fukao, T. Robust vector control of induction motor without using stator and rotor circuit time constants 89981
Tungpimolrut, K., Fang-Zheng Peng, Fukao, T. A direct measuring method of machine parameters for vector-controlled induction motor drives 90522
Tungpimolrut, K., Peng, F.-Z., Fukao, T. Robust vector control of induction motor without using stator and rotor circuit time constants 68609
Tungpimolrut, K., Peng, F.-Z., Fukao, T. The characteristics of rotor time constant estimation method for a vector-controlled induction motor based on regulating energy stored in magnetizing inductance 89986
Tungthangthum, A. *see* Rutledge, J.C. 77077
Tunik, A.A., Martsishel, Ya. Digital integration of navigation meters in flight control problems 88659
Tuninsky, V.S. *see* Cohen, E.R. 79684
Tunitskaya, I.V. *see* Dolginov, L.M. 93150
Tunitskaya, I.V. *see* Polyakov, A.Y. 71217
Tunkasiri, T. Properties of PZT ceramics prepared from aqueous solutions 79983
Tunnermann, A. *see* Golla, D. 56671
Tunney, T. *see* Logan, P.M. 76906
Tunstel, E. *see* Cameron, J.M. 53494
Tuntelder, J.R. *see* Splinter, R. 67463
Tuohy, I. *see* Burfield, G. 66440
Tuohy, P. *see* Chester, A.J. 61687
Tuomi, T. *see* Xia, Z. 71307
Tuominen, J. *see* Toivanen, J. 92688
Tuomisto, H. *see* Kymalainen, O. 89521
Tuovinen, H. *see* Kamshilin, A.A. 63988
Tuovinen, H. *see* Kamshilin, A.A. 64021
Tuovinen, J. *see* Mallat, J. 94987
Tupa, D. *see* York, R.L. 76729
Tupikin, V.D. *see* Meschanov, V.P. 61887
Tupitsa, V.S. *see* Voloshinov, V.B. 56466
Tupov, V.B. Methods for suppressing noise produced by hot-water boilers at district thermal plants 53931
Tupov, V.B. Reduction of noise generated by high-power gas turbine plants 99950
Tupper, M.L. *see* Spindel, A. 93977
Tur, Yu.D. *see* Aizatskii, N.I. 87798
Tura, V., Mitoseriu, L. Polarization reversal in (Nb,Co)-doped $BaTiO_3$ ceramics 63083
Turakulov, P.D. *see* Khairiddinov, B.E. 60486
Turala, M. *see* Cartiglia, N. 71769
Turala, M. *see* Gadomski, S. 53301
Turan, J. Recognition of printed Berber characters using modified rapid transform 74282
Turan, J., Kovesi, L., Kovesi, M. CAD system for pattern recognition and DSP with use of fast translation invariant transforms 73953
Turay, R.C. *see* Lehmann, E.D. 53373
Turban, G. *see* Vivensang, C. 71344
Turban, K.A. *see* Apfelbeck, J. 65693
Turbini, L.J., Cauffield, D. Characterising soldering fluxes 55471
Turcajova, R. Factorizations and construction of linear phase paraunitary filter banks and higher multiplicity wavelets 95513
Turcajova, R., Kautsky, J. Shift products and factorizations of wavelet matrices 95514
Turchetta, R., Anstotz, F., Hu, Y., Blonde, J.P., Dulinski, W., Husson, D., Schaeffer, M., Nygard, E., Weilhammer, P. High spatial resolution silicon read-out system for single photon X-ray detection 88247
Turchetta, R., Anstotz, F., Hu, Y., Colledani, C., Blonde, J.P., Dulinski, W., Schaeffer, M., Nygard, E., Weilhammer, P. High spatial resolution silicon read-out system for single photon x-ray detection 98692
Turchetta, R. *see* Huhtinen, M. 59073
Turchetta, R. *see* Straver, J. 88089
Turchetti, C. *see* Conti, M. 93658
Turchetti, C. *see* Contii, M. 70812
Turchetti, G. *see* Bazzani, A. 66923
Turci, P. *see* Pandya, A. 81659
Turck, B. *see* Bessette, D. 82324
Turck, B. *see* Libeyre, P. 82467
Turck, B. *see* Nakajima, H. 72261
Turco, A. *see* McKelvey, B. 67937
Turek, K., Liszkowski, P., Figiel, H. The kinetics of oxidation of Nd-Fe-B powders 49021
Turek, P. *see* Dahmen, M. 87984
Turetta, R. *see* Verzellesi, G. 62709
Turevskaya, E.P. *see* Maleto, M.I. 79885
Turgis, S. *see* Robert, M. 49483
Turgut, S. *see* Smith, B.W. 71473
Turhan, O. *see* Teramoto, T. 78662
Turi, J. *see* Kaprielian, S. 68138
Turi, R.A. *see* Kapoor, V.J. 80324
Turilli, G. *see* Moze, O. 72033
Turini, N. *see* Amidei, D. 98639
Turini, N. *see* Galeotti, S. 70665
Turinov, V.I. The method of optical multispectral IR flaw detection 55007
Turk, G.M. *see* Doan, T.D. 75877
Turk, H. *see* Munno, C.J. 97330
Turk, I. *see* Kokelj, P. 90080
Turk, J. *see* Abe, K. 88115
Turk, J. *see* Vivekanandan, J. 77375
Turkbeyler, E., Constantinides, A.G. Gaussian noise blind power spectrum estimation from higher order spectra 95542
Turkenburg, W.C. *see* Fockens, S. 99452
Turkin, A.A. *see* Konoplev, Yu.N. 72556
Turkin, A.A. *see* Konoplev, Yu.N. 72985
Turkin, N.G. *see* Napartovich, A.P. 82935
Turkin, V.A. *see* Al'betkov, S.V. 60298
Turkkan, N. *see* Pham, T.G. 61014
Turkkan, N. *see* Pham, T.G. 61015
Turkman, I.R. *see* Fuller, L.F. 54384
Turko, B.T., Albright, K.L., King, N.S.P., Yates, G.J. A/D processing of video signals at very high pixel rates 87055
Turko, B.T., Albright, K.L., King, N.S.P., Yates, G.J. A/D processing of video signals at very high pixel rates 95520
Turko, B.T., Arthur, A.A., Galvin, J.E., Maier, M.R., Zizka, G.J. A high resolution 14-bit ADC for Gammasphere Project 61776
Turkovskii, V.G. *see* Malinovskii, A.A. 90691
Turlay, R. *see* Fanti, V. 76788
Turletti, T. *see* Bolot, J.-C. 65328
Turley, P.J. *see* Teitsworth, S.W. 62264
Turlik, I., Yang, H., Murty, K.L. Application of deformation mechanism maps to solder reliability in electronic packaging 90975
Turlik, I. *see* Feldman, M.R. 79321
Turlik, I. *see* Mahidhara, R.K. 79979
Turlington, L. *see* Kazimi, R. 67157
Turlington, L. *see* Krycuk, A. 67110
Turmon, M.J., Miller, M.I. Maximum-likelihood estimation of complex sinusoids and Toeplitz covariances 64427
Turnbull, D.H., Starkoski, B.G., Harasiewicz, K.A., Lockwood, G.R., Foster, F.S. Ultrasound backscatter microscope for skin imaging 98777
Turnbull, D.H. *see* Lockwood, G.R. 53401
Turnbull, D.H. *see* Lockwood, G.R. 99337
Turnbull, G.F. Achieving EMC compliance for a wide range of industrial products and systems—a case study 57149
Turnbull, R.M. *see* Beaumont, S.P. 88037
Turneaure, J.P. *see* Xiao, Y. 52819
Turner, A., Teherani, T., Ehmke, J., Pettitt, C., Conlon, P., Beck, J., McCormack, K., Colombo, L., Lahutsky, T., Murphy, T., Williams, B. Producibility of VIP scanning focal plane arrays 98114
Turner, A.K., Woodcock, J.M., Ozsan, M.E., Cunningham, D.W., Johnson, D.R., Marshall, R.J., Mason, N.B., Oktik, S., Patterson, M.H., Ransome, S.J., Roberts, S., Sadeghi, M., Sherborne, J.M., Sivapathasundaram, D., Walls, I.A. BP solar thin film CdTe photovoltaic technology 100462
Turner, A.K. *see* Patterson, M.H. 100466
Turner, A.M. *see* List, R.S. 94275
Turner, A.P.F. *see* Alcock, S.J. 67451
Turner, A.R. *see* Armstrong, S.R. 48955
Turner, A.R. *see* Armstrong, S.R. 49912
Turner, B.S. *see* Curry, G.R. 65917
Turner, C. Ubiquitous ATM 64902
Turner, C.W. High temperature superconductor circuit components for cryogenic microwave systems 80696
Turner, C.W. *see* Dabirikhah, H. 88882
Turner, C.W. *see* Uysal, S. 49639
Turner, D. Pulling CANBUs back from the brink 53881
Turner, G. Subsurface radar propagation deconvolution 67748
Turner, G.W., Choi, H.K., Calawa, D.R., Pantano, J.V., Chludzinski, J.W. Molecular-beam epitaxy growth of high-performance midinfrared diode lasers 56771
Turner, G.W. *see* Brown, E.R. 62659
Turner, G.W. *see* Choi, H.K. 56747
Turner, G.W. *see* Ericson, M.N. 87032
Turner, G.W. *see* Ericson, M.N. 98667
Turner, J. *see* Garboushian, V. 100737
Turner, J. *see* Orrell, D. 87680
Turner, J.D. *see* Sion, R.P. 66197
Turner, J.D. *see* Sion, R.P. 69176
Turner, J.E. *see* Carns, T.K. 71138
Turner, J.E. *see* Hunter, S.R. 53340
Turner, J.E. *see* Vook, D. 61908
Turner, J.E. *see* Zhang, L. 71311
Turner, J.F. *see* Schaeberle, M.D. 76252
Turner, J.L. *see* Clendenin, J.E. 76743
Turner, J.L. *see* Tang, H. 71025
Turner, J.L. *see* Yeremian, A.D. 76724
Turner, J.N. *see* Lin, W. 98815
Turner, J.S. An optimal nonblocking multicast virtual circuit switch 65522
Turner, K. *see* Amidei, D. 98639
Turner, L.F. *see* Dowling, R.E.P. 76872
Turner, L.R., McGhee, D.G., Mills, F.E., Reeves, S. A pulsed septum magnet for the APS 76672
Turner, L.R., Thompson, K.M., Kim, S.H., Kim, K. Design and measurement of the sextupole magnet for the APS storage ring 76671
Turner, L.R. *see* Kim, K. 76666
Turner, L.R. *see* Kim, K. 76669
Turner, L.R. *see* Kim, S.H. 76348
Turner, L.R. *see* Kim, S.H. 76349
Turner, M.D., Hanko, L., McAuliffe, M.J. Synchronously pumped gigahertz modulated optical parametric oscillator 50935
Turner, P.G. *see* Craddock, I.J. 83818
Turner, R. *see* Ojha, S.M. 56592
Turner, R. *see* Roth, B.J. 53406
Turner, R.M., Johnson, K.M. CMOS photodetectors for correlation peak location 52861
Turner, R.M. *see* Bosse, E. 86572
Turner, R.R. 1,001 questions to ask before deciding on a nonlinear video editing system 52696
Turner, S. *(editor)* CERN Accelerator School Fifth General Accelerator Physics Course (CERN 94-01) 90783
Turner, S.J. *see* Wood, K.R. 70237
Turner, S.P. *see* Frazier, A.B. 49020
Turner, T. *see* Chinn, J. 62461
Turner, W. *see* Martin, R. 77145
Turner, W. *see* Shu, Q.S. 87932
Turner, W.C. *see* Anashin, V.V. 98393
Turon, F., Ahouzi, E., Campos, J., Chalasinska-Macukow, K., Yzuel, M.J. Nonlinearity effects in the pure phase correlation method in multi-object scenes 51548
Turovets, S.I. *see* Chizhevsky, V.N. 82923
Turowski, M. *see* Worotynski, J. 54040
Turowski, P. *see* Schneider, T. 82484
Turowski, R. *see* Muller, M. 89407
Turpin, E. *see* Guerard, A. 51894
Turpin, E. *see* Levasseur, L. 48626
Turpin, M. *see* Belgnaoui, Y. 76052
Turpin, M. *see* Lecot, C. 52937
Turrell, B.G. *see* He, X.-F. 56258
Turrell, B.G. *see* Meagher, G. 50416
Turrell, B.G. *see* Meagher, G. 88095
Turri, R., Caldon, R., Fauri, M., Fellin, L., Paolucci, A. Parallel path earthing systems in power distribution networks 53796
Turrill, J. Test equipment made mobile 78250
Turska, E., Wisniewski, K., Schrefler, B.A. Error propagation of staggered solution procedures for transient problems 48826
Turtelli, R.S. *see* Allia, P. 72004
Turtelli, R.S. *see* Sinnecker, J.P. 76171
Turtsevich, A.S., Krasnitsky, V.Y., Emelyanov, V.A., Nalivaiko, O.Y., Kravtsov, S.V. The effect of production conditions for in situ phosphorus-doped LPCVD polysilicon in monosilane/phosphine system on the deposition process kinetics 70152
Turtsevich, A.S., Makaraevich, I.I., Nalivaiko, O.Yu., Larchenko, L.G. Coating conformality of an integrated microcircuit surface by films of plasma-deposited silicon nitride 81554
Turtsevich, A.S. *see* Lesnikova, V.P. 70162
Turunen, J. *see* Huttunen, J. 94685
Turunen, J. *see* Tervonen, E. 83364
Turvey, S.P. *see* Sjoling, B. 54501
Turyanitsa, I.D. *see* Yurkin, I.M. 71945
Turygin, V.V. *see* Antipov, O.L. 63912
Turyna, R., Svarc, V. Contribution to the verification of some equations of dissociation coefficients of ammonia and water and also distribution coefficients of ammonia in the water-steam cycle of nuclear power stations 89508
Turzhanskii, A.A. An investigation of the probability characteristics of detection and interference resistance of an acoustic image system with multiplicative processing of the signals 59618
Tusaliu, P., Ciontu, M. High voltage repartition over the extinction chamber of switches analysed with help of systems theory 78745
Tusaliu, P., Ciontu, M. Over recovery voltage upon kilometric defect disconnecting 89313
Tusaliu, P., Ciontu, M. Over switch-network ensemble solicitation upon kilometric defect disconnecting 99744
Tuschel, D.D. *see* Paz-Pujalt, G.R. 82666
Tusi, A. *see* Moers, T. 67364
Tuss, J. *see* Lockyer, A.J. 88657
Tuszewski, M., Scheuer, J.T., Campbell, I.H., Laurich, B.K. Plasma immersion ion implantation for semiconductor thin film growth 62395
Tut San Guan, Barros, S.P.V. Reconfigurable multiple-behavioural architecture using free-space optical communication 50638

Tutt, M.N. *see* Costa, D. 81818
Tuttas, C. Modelling of voltage source inverters by nets of multipliers and adders 70278
Tuttle, B.A., Voigt, J.A., Garino, T.J., Goodnow, D.C., Schwartz, R.W., Lamppa, D.L., Headley, T.J., Eatough, M.O. Chemically prepared $Pb(Zr,Ti)O_3$ thin films: the effects of orientation and stress 56120
Tuttle, B.A. *see* Dimes, D. 82529
Tuttle, B.A. *see* Dimos, D. 93753
Tuttle, G. *see* Ozbay, E. 81522
Tuttle, G.T. *see* Welland, D.R. 93886
Tuttle, J. *see* Bode, M.H. 90447
Tuttle, J. *see* Contreras, M.A. 100507
Tuttle, J. *see* Contreras, M.A. 100759
Tuttle, J.R., Albin, D.S., Tennant, A., Gabor, A.M., Contreras, M., Noufi, R. Characterization of variable-band-gap thin-film $Cu(In,Ga)Se_2$: a simple model for the interdiffusion of In and Ga in alloy structures 91549
Tuttle, J.R., Contreras, M., Tennant, A., Albin, D., Noufi, R. High efficiency thin-film $Cu(In,Ga)Se_2$-based photovoltaic devices: progress towards a universal approach to absorber fabrication 100495
Tuttle, J.R. *see* Gabor, A.M. 78820
Tuttle, T.R. *see* Gabor, A.M. 90407
Tuttlebee, W.H.W. Future personal communications—PCN and beyond 58327
Tuuva, T. *see* Huhtinen, M. 59073
Tuyl, A.H.Van *see* Van Tuyl, A.H.
Tuyl, R.L.Van *see* Van Tuyl, R.L.
Tuyn, J.W.N. *see* Kitis, G. 94259
Tuyt, J. Compatibility aspects of b-ISDN signalling 52233
Tuza, Z. *see* Kratochvil, J. 79613
Tuzaki, K. *see* Nakayama, Z. 65260
Tuzel, W. *see* Ross, J. 94013
Tuzemen, S. *see* Brozel, M.R. 81244
Tuzikov, A.V., Margolin, G.L., Grenov, A.I. Convex polygon symmetrization and decomposition via perimetric measure 64637
Tuzuki, M. *see* Saito, H. 65523
Tvardauskas, H., Bukauskaite, B., Jasutis, V., Lescinskas, D., Simkiene, I. Microstructure and composition of an anodically etched (111) Si surface 81533
Tvardauskas, H. *see* Galdikas, A. 87079
Tvarozek, V., Tien, H.T., Novotny, L., Hianik, T., Dlugopolsky, J., Ziegler, W., Leitmannova-Ottova, A., Jakabovic, J., Rehacek, V., Uhlar, M. Thin-film microsystem applicable in (bio)chemical sensors 66513
Tveitan, A. Trends in training [of broadcasting staff] 97561
Tveitdal, S. The United Nations Environment Programme's (UNEP) global resource information database 77647
Tveito, A. *see* Bruaset, A.M. 79679
Tverdov, S.V. *see* Listvin, A.V. 98047
Tverdyakov, V.B. *see* Kachanova, N.A. 89154
Tvete, K., Tokerud, B., Rudberg, B., Andersen, V., Grinaker, S. BASIS: the architecture and implementation of a real-time image processing system 70658
Twardowski, T. *see* Boardman, A.D. 50538
Tweed, B. *see* Tabasky, M. 94153
Tweel, I.van der *see* van der Tweel, I.
Twelves, C.J., Lowry, M., Porter, D.A., Dobbs, N.A., Graves, P.E., Smith, M.A., Richards, M.A. Phosphorus-31 metabolism of human breast—an in vivo magnetic resonance spectroscopic study at 1.5 Tesla 59262
Twenhofel, C.J.W. *see* Bootsma, T.M.V. 98638
Twerefour, S. *see* Lau, J. 92792
Twesme, E. *see* Oswald, R. 90428
Twesten, R.D. *see* Ross, F.M. 49914
Twiddy, R., Cavallo, J., Shiri, S.M. Restorer: a visualization technique for handling missing data 95833
Twidell, J. Renewable energy: implementation and benefits 60042
Twieg, R. *see* Kim, D.Y. 63960
Twieg, R.J., Betterton, K.M., Burland, D.M., Lee, V.Y., Miller, R.D., Moylan, C.R., Volksen, W., Walsh, C.A. Progress on nonlinear optical chromophores and polymers for practical electro-optic waveguide application 56415
Twieg, R.J. *see* Miller, R.D. 56913
Twieg, R.J. *see* Silence, S.M. 50439
Twietmeyer, H. *see* Hoeg, W. 97576
Twigg, M. *see* Thompson, P.E. 61247
Twigg, M.E., Allen, L.P., Mrstik, B.J., Ardis, L.T. Characterization of SIMOX material with channeled and unchanneled oxygen implantation 93144
Twilley, W.H. *see* Babrauskas, V. 76248
Twiney, R.C. *see* Salloway, A.J. 56172
Ty-Cheng Lin, Hesketh, P.J., Schuster, J.P. Finite-element analysis of thermal stresses in a Si pressure sensor for various die-mount materials 87157
Tyack, R. *see* Moliere, M. 89677
Tyagi, A., Bayoumi, M.A. The nature of defect patterns on integrated-circuit wafer maps 62932
Tyagi, M.S., Gupta, A.K. Measurement of hole diffusion length in heavily doped n-type silicon using SEM 62146
Tyagi, R., Ghezzo, M., Chow, T.P., Norton, J.F. An isoplanar isolation technology for SiC devices using local oxidation 71389
Tyagi, R. *see* Chow, T.P. 55565
Tyagi, R. *see* Chow, T.P. 81171
Tyagi, R.K., Rampal, V.V., Bhar, G.C. Optical nonlinear submillimeter-wave generation 73041
Tyagi, R.K. *see* Jojo, P.J. 98653
Tyan, C.-Y., Wang, P.P. Image processing—enhancement, filtering and edge detection using the fuzzy logic approach 51634
Tyan, Y.L. *see* Mitra, P. 71292
Tyan, Y.L. *see* Mitra, P. 91526
Tyapkov, V.F. *see* Fateev, V.N. 53900
Tyc, S., Arnodo, C. Silicon carbide: analysis of a breakthrough 71140
Tyce, R.C. *see* Sun, J. 99139
Tychinsky, V.P. *see* Tavrov, A.V. 73166
Tyczkowski, J., Kazimierski, P., Szymanowski, H. Correlations between process parameters, chemical structure and electronic properties of amorphous hydrogenated Ge_xC_{1-x} films prepared by plasma-enhanced chemical vapour deposition in a three-electrode reactor 48986
Tye, D. *see* Chernick, J. 74241
Tye, D. *see* Perlovsky, L.I. 74229
Tye, L. *see* Chikyow, T. 70157
Tygart, J.D. *see* Heintze, N. 57980
Tylavsky, D.J., Crouch, P.E., Jarriel, L.F., Singh, J., Adapa, R. The effects of precision and small impedance branches on power flow robustness 59671
Tyler, D.A. *see* Larsen, W.E. 97493
Tyler, G.L. *see* Holmann, E. 92001
Tyler, J.W. Magic helps in managing Disney's global information network 51999
Tyler, S. Household energy use and environment in Asian cities: an introduction 69026
Tyler, S. *see* Sathaye, J. 69145
Tyler, S.G. *see* Chandler, N. 54494
Tyler, S.G. *see* Chandler, N. 54499
Tyll, H.K., Huesmann, G., Habur, K., Stump, K., Sr., Elliott, W.H., Trujillo, F.E., Sr. Design considerations for the Eddy County static VAr compensator 68050
Tymerski, R. A fast time domain simulator for power electronic systems 49162
Tymerski, R. Application of the time-varying transfer function for exact small-signal analysis 55136
Tymerski, R. Worst case stability analysis of switching regulators using the structured singular value 100277
Tyner, J.T. Unearthing underground distribution trends 78098
Tyrer, J.R. *see* Oswin, J.R. 59611
Tyrrell, A.M. *see* Allinson, N.M. 61751
Tyrrell, G.C., York, T., Cherief, N., Givord, D., Lawler, J., Lunney, J.G., Buckley, M., Boyd, I.W. Kinetic energy and mass distributions of ablated species formed during pulsed laser deposition 91585
Tyrroff, H. *see* Einfeld, D. 59217
Tyrroff, H. *see* Einfeld, D. 66834
Tyschenko, I.E. *see* Kachurin, G.A. 55709
Tysik, B.G. *see* Kirilenko, A.A. 70843
Tyson, E. *see* Dowell, D. 76384
Tyson, G. *see* Farrens, M. 49415
Tyson, S.M. *see* Grzybowski, R.R. 93085
Tyson Lin, Yee-Wei Liu, Wang-Yuel Cheng, Jow-Tsong Shy, Biing-Ren Jih, Kai-Li Ko Iodine-stabilized 543 nm HeNe lasers 50745
Tyszer, J. *see* Gupta, S. 92148
Tyszka-Zawadzka, A., Szczepariski, P. Excess-noise factor in partly gain coupled DFB lasers 94531
Tyszka-Zawadzka, A., Szczepanski, P., Wolinski, W. Effect of mode nonorthogonality in distributed-feedback lasers 82888
Tytschkow, J. *see* Konowalow, V. 89454
Tyurikov, D.A., Gubin, M.A., Shelkovnikov, A.S., Kovalchuk, E.V. Accuracy of the computer controlled laser frequency standards based on resolved hyperfine structure of a methane line 86881
Tyurin, A.V. *see* Belous, V.M. 73169
Tyurin, A.V. *see* Mandel', V.E. 94678
Tyutchev, M.V. *see* Kalyashova, Z.N. 56971
Tyutukov, V.S. *see* Tyutyukov, S.A. 100421
Tyutyukov, S.A., Tyutukov, V.S. Analysing power load schedules and load centre coordination with the aid of the 'Elektronika MK-85' microcomputer 100421
Tyutyunnik, E.P. *see* Pinskii, V.L. 57135
Tyutyunnik, E.P. *see* Pinskii, V.L. 99766
Tz-Gwei Jung *see* Horng-Chih Lin 81437
Tzalenchuk, A.Ya. *see* Nilsson, P.A. 72227
Tzanakos, G. *see* Kontaxakis, G. 59322
Tze-Chung Chang *see* Senfar Wen 63421
Tze-Guei Jung *see* Horng-Chih Lin 79942
Tze-Ming Chao A tracking method for finding multiple power flow solutions 99441
Tzen Bao-Wen *see* Bao-Wen Tzen
Tzeng, F.F. Error protection for satellite broadcast of HDTV and conventional TV 86722
Tzeng, F.F., Bhaskar, B.R.U. Audio coding and transmission for aeronautical broadcasts via satellite 97109
Tzeng, H.-M. Measurements of transient thermal strains in a disk-drive actuator 93891
Tzeng, H.M. *see* Prater, W. 93890
Tzeng, K.K. *see* Gui-Liang Feng 95103
Tzeng, K.K. *see* Gui-Liang Feng 95187
Tzeng, L.D. Design and analysis of a high-sensitivity optical receiver for SONET OC-12 systems 86449
Tzeng, L.D. *see* Chen, C.D. 75394
Tzeng, L.D. *see* Delavaux, J.M.P. 56730
Tzeng, W.B. *see* Wang, C.R.C. 83244
Tzeng, Y. *see* Xu, N.S. 81127
Tzeng, Y.C., Chen, K.S., Kao, W.L., Fung, A.K. A dynamic learning neural network for remote sensing applications 77711
Tzeng, Y.C. *see* Chen, K.S. 77304
Tzeng, Y.C. *see* Chen, K.S. 77603
Tzeng Huan-Wen *see* Huan-Wen Tzeng
Tzeng Sing-Mo *see* Sing-Mo Tzeng
Tzeng Yu Chang *see* Yu Chang Tzeng
Tzeng-Shong Yeh *see* Cheng-Tsung Liu 59704
Tzer-En Nee *see* Jen-Inn Chyi 70029
Tzi-Dar Chiueh *see* Chun-Ta Chen 92417
Tzi-Dar Chiueh *see* Her-Ming Jong 57713
Tzi-Dar Chiueh *see* Her-Ming Jong 80371
Tzi-Dar Chiueh *see* Her-Ming Jong 95924
Tzi-Hsiung Shu, Bang-Sup Song, Kantilal Bacrania A 13-bit 10-MHz ADC background-calibrated with real-time oversampling calibrator 70701
Tzi-Hui Yang *see* Jin-Fu Chang 96255
Tziallas, G.D. *see* Loupis, M.I. 93268
Tzidony, D. *see* Jaeger, M. 79227
Tzifronin, O. *see* Bareket, R. 74521
Tzima, E., Martin, C.J. An evaluation of safe practices to restrict exposure to electric and magnetic fields from therapeutic and surgical diathermy equipment 59402
Tzimenakis, J. The impact of EMC on corporate policy 57140
Tzionas, P.G., Tsalides, P.G., Thanailakis, A. A new, cellular automaton-based, nearest neighbor pattern classifier and its VLSI implementation 80360
Tzioumis, A. *see* Bondi, M. 58518
Tzonelih Hwang *see* Chuan-Ming Li 83957
Tzonev, T.P. *see* Mihovsky, M.K. 69256
Tzong-Chen Wu Cryptographic implementation of dynamic access control in user hierarchy 95168
Tzong-Jer Yang *see* Ming Ouhyoung 58093
Tzong-Jih Sheu *see* Hsien-Chang Chang 98138
Tzong-Jyh Chen, Tah-Hsiung Chu A microstrip five-port network analyzer for reflection and transmission coefficient measurement 97826
Tzong-Yih Guo, Chuan-Shen Liu, Chiang-Tsung Huang Identification of excitation system model parameters via finalization field tests 60128
Tzong-Yih Guo, Schlueter, R.A. Identification of generic bifurcation and stability problems in power system differential-algebraic model 77851
Tzong-Yin Hwu *see* Ming Ouhyoung 58093
Tzou, H.S., Bao, Y. Modeling of thick anisotropic composite triclinic piezoelectric shell transducer laminates 93777
Tzou, H.S., Bao, Y., Ye, R. A theory on nonlinear piezothermoelastic shell laminates 82161
Tzou, H.S., Fu, H.Q. A study of segmentation of distributed piezoelectric sensors and actuators. I. Theoretical analysis 63112
Tzou, H.S., Fu, H.Q. A study of segmentation of distributed piezoelectric sensors and actuators. II. Parametric study and active vibration controls 63113
Tzou, H.S., Hollkamp, J.J. Collocated independent modal control with self-sensing orthogonal piezoelectric actuators (theory and experiment) 93776
Tzou, H.S., Tseng, C.I., Bahrami, H. A thin piezoelectric hexahedron finite element applied to design of smart continua 58661
Tzou, H.S., Ye, R. Piezothermoelasticity and precision control of piezoelectric systems: theory and finite element analysis 93802
Tzou, H.S., Zhong, J.P., Kollkamp, J.J. Spatially distributed orthogonal piezoelectric shell actuators: theory and applications 93800
Tzou Ching-Kae *see* Ching-Kae Tzou
Tzou Ying-Yu *see* Ying-Yu Tzou
Tzovaras, D., Grammalidis, N., Malassiotis, S., Strintzis, M.G. Coding for monoscopic and stereoscopic 3D medical data visualization 76908
Tzu-Chie Tien *see* Tsung-Yi Wu 49079
Tzu-Jin Yeh *see* Yi-Jen Chan 81277
Tzu-Yin Chiu, Tien, P.K., Janmye Sung, Liu, T.-Y.M. A new analytical model and the impact of base charge storage on base potential distribution, emitter current crowding and base resistance 62712
Tzu-Yin Chiu *see* Liu, T.M. 82092
Tzuang, C.-K.C., Fuh, K.-F., Mrozowski, M. Complex leaky waves of a partially open nonreciprocal slotline on gyromagnetic substrate 83801
Tzuang, C.-K.C. *see* Jeng-Wen Huang 80546
Tzuang, C.-K.C. *see* Jeng-Wen Huang 83785
Tzuang, C.-K.C. *see* Wen-Teng Lo 92461
Tzuang, C.C. *see* Jen-Tsai Kuo 70912
Tzung-Pao Lin *see* Ming-Chia Hsieh 86014
Tzung-Yin Lee *see* Zhiliang Chen 81774
Tzung-Yuang Chen *see* Pin-Chieh Hsu 99015
Tzung-Zu Yang *see* Ching-Fa Yeh 55960
Tzuo-Chang Lee *see* Wang, W.W. 72162
Tzy-Yan Hong *see* Ching-Fa Yeh 55960

Tzyy-Sheng Horng Three-dimensional synthesis of a stripline-fed printed planar array for 12 GHz satellite broadcasting reception 64241
Tzyy-Sheng Horng A rigorous study of microstrip crossovers and their possible improvements 80746
Tzyy-Sheng Horng A generalized method for evaluating the metallization thickness effects on microstrip structures 83795
Tzyy-Sheng Horng Extending the three-dimensional spectral-domain approach to hybrid microwave integrated circuits with passive and active lumped elements 92581
Tzyy-Sheng Horng *see* Ming-Ju Tsai 80871

Uang Chii-Maw *see* Chii-Maw Uang
Uba, L. *see* Uba, S. 72024
Uba, S., Uba, L., Gontarz, R. Magnetooptical Kerr spectroscopy of Co/Pd layered structures 72024
Ubeda, J.R., Allan, R.N. Reliability assessment of composite hydrothermal generation and transmission systems using sequential simulation 77804
Ubeda, S. *see* Ferreira, A. 64738
Ubi, E. How to choose a pivot element in simplex method? 61129
Ubierna, A. *see* Ruiz, J. 78251
Uboldi, E. *see* Cuomo, D. 50467
Ubra, O., Doubek, M., Zuna, Z. A computer program for steam generator PGV-1000 thermal-hydraulic analysis 78322
Ubukata, A. *see* Kudo, K. 91479
Ubukata, H. *see* Tanaka, Y. 65546
Ucak, C., Pahwa, A. An analytical approach for step-by-step restoration of distribution systems following extended outages 78093
Uccio, U.Scotti di *see* Scotti di Uccio, U.
Uceda, J. *see* Cobos, J.A. 61536
Uceda, J. *see* Cobos, J.A. 91897
Uceda, J. *see* Dos Reis, F.S. 90151
Uceda, J. *see* Riesgo, T. 82050
Uceda, J. *see* Riesgo, T. 91772
Uceda, J. *see* Simonetti, D.S.L. 90152
Uchibori, C.J., Okunishi, M., Oku, T., Otsuki, A., Ono, N., Murakami, M. Formation mechanism of $In_xGa1_{-x}As$ ohmic contacts to n-type GaAs prepared by radio frequency sputtering 93050
Uchida, A. *see* Tamba, N. 92241
Uchida, A.T. *see* Sekiguchi, A. 79927
Uchida, H. *see* Akioka, T. 70538
Uchida, H. *see* Grey, F. 61403
Uchida, H. *see* Kanai, Y. 98123
Uchida, H. *see* Koeninger, V. 93869
Uchida, H. *see* Miyazaki, N. 79759
Uchida, H. *see* Sato, T. 98158
Uchida, H. *see* Shigenobu, T. 50102
Uchida, H. *see* Shimizu, H. 93067
Uchida, H. *see* Shimizu, M. 98124
Uchida, H. *see* Uchida, H.H. 91573
Uchida, H.H., Koeninger, V., Uchida, H., Wada, M., Funakura, H., Matsumura, Y., Kurino, T., Kaneko, H. Preparation and characterization of $(Tb,Dy)Fe_2$ giant magnetostrictive thin films for surface acoustic wave devices 91573
Uchida, H.H. *see* Koeninger, V. 93869
Uchida, I., Kuroki, F., Yoneyama, T. Miniaturization of 35-GHz NRD-guide transmitter and receiver 92500
Uchida, I. *see* Nakayama, E. 66595
Uchida, K., Noda, T., Matsunaga, T. Application and study of the Wiener-Hopf technique from filtering viewpoint 83621
Uchida, K., Noda, T., Matsunaga, T. Filtering in discrete Fourier transform and its application 91401
Uchida, K. *see* Fujita, M. 60207
Uchida, K. *see* Fujita, M. 84717
Uchida, K. *see* Hirose, M. 63288
Uchida, K. *see* Hyun-Chul Ko 49898
Uchida, K. *see* Nakanishi, R. 90222
Uchida, K. *see* Noda, T. 64177
Uchida, K. *see* Nojiri, H. 83575
Uchida, K. *see* Takasaki, Y. 99565
Uchida, M., Toyota, Y., Nakamura, H., Okita, Y., Kumamaru, K., Murata, J., Wada, K., Inoue, K., Sagara, S. A simulator-based quick identification method of nonlinear systems 89581
Uchida, M. *see* Chichibu, S. 48999
Uchida, M. *see* Chichibu, S. 61307
Uchida, M. *see* Chichibu, S. 62213
Uchida, M. *see* Chichibu, S. 79822
Uchida, M. *see* Iwaski, S. 96930
Uchida, M. *see* Kohiro, K. 55696
Uchida, M. *see* Ohmori, Y. 56015
Uchida, N., Ide, Y., Yamaji, H. Highly modular TWIN BREAKER series 100392
Uchida, N. *see* Hiraiwa, A. 59412
Uchida, S., Omata, A., Suzuki, Y., Oshio, T., Inoue, Y., Noguchi, H., Iizuka, K., Abe, K. Recycled aluminum conductor applied to aerial insulated wire 99725
Uchida, S. *see* Eisaki, H. 72221
Uchida, S. *see* Nagase, M. 89469
Uchida, T. Present and future trends of liquid crystal devices 58923
Uchida, T., Kajita, Y., Fukuda, K., Ida, J., Hirashita, N., Nishi, K. A new capacitance measurement method for lateral diffusion profiles in MOSFET's with extremely short overlap regions 71696
Uchida, T., Kotani, N., Kobayashi, K., Mashiko, Y., Tsubouchi, N. A simulation of plastic deformation of silicon during thermal oxidation 93097
Uchida, T., Kurakake, H., Soda, H., Yamazaki, S. 1.3 μm InGaAs/GaAs strained quantum well lasers with InGaP cladding layer 50848
Uchida, T. *see* Eung Sang Lee 94208
Uchida, T. *see* Fukuda, I. 98220
Uchida, T. *see* Hirata, A. 79939
Uchida, T. *see* Kitamura, K. 82432
Uchida, T. *see* Kurakake, H. 63830
Uchida, T. *see* Noda, K. 71700
Uchida, T. *see* Notsu, Y. 63167
Uchida, T. *see* Shoji, H. 94504
Uchida, T. *see* Sugimura, H. 93277
Uchida, Y. *see* Kanjilal, A.K. 93551
Uchida, Y. *see* Shigekane, H. 55850
Uchihara, Y., Tanase, K., Suzuki, Y., Torazawa, K. Thickness dependence of magnetic properties in GdDy/FeCo film 50606
Uchihashi, T., Okusako, T., Sugawara, Y., Yamanishi, Y., Oasa, T., Morita, S. Heat treatment and steaming effects of silicon oxide upon electron dissipation on silicon oxide surface 71387
Uchihashi, T., Okusako, T., Tsuyuguchi, T., Sugawara, Y., Igarashi, M., Kaneko, R., Morita, S. Charge storage on thin $SrTiO_3$ film by contact electrification 93728
Uchihashi, T. *see* Sugawara, Y. 71235
Uchikawa, Y. *see* Tanaka, Y. 64063
Uchikawa, Y. *see* Tanaka, Y. 83455
Uchikawa, Y. *see* Yoshikawa, T. 70998
Uchiki, H., Hirasawa, H., Hasegawa, I. Epitaxial growth of $AgGaS_2$ on (100) GaAs by excimer laser deposition 70053
Uchiki, H., Hirasawa, H., Machida, O. Preparation of $AgGaS_2$ thin films by excimer laser deposition 61360
Uchikoga, S., Kakinoki, M., Nakajima, M., Suzuki, K. A back-side passivation film on a-Si:H thin film transistor 81861
Uchimura, S. *see* Hamamoto, Y. 51631
Uchimura, T., Ishikama, Y., Tanaka, K., Toba, T., Kanno, I., Jimi, J., Makita, Y., Takeuchi, H. MO (magneto-optical) disk controller: μPD72050 63347
Uchino, E. *see* Yamakawa, T. 49559
Uchino, H. *see* Seki, N. 68867
Uchino, K. Relaxor ferroelectric devices 71900
Uchino, K., Furuta, A. Destruction mechanism of multilayer ceramic actuators 56160
Uchino, K. *see* Aburatani, H. 71908
Uchino, K. *see* Sheng-Yuan Chu 82805
Uchino, S. *see* Ueno, T. 81627
Uchino, T., Shiba, T., Kikuchi, T., Tamaki, Y., Watanabe, A., Kiyota, Y., Honda, M. 15-ps ECL/74-GHz f_T Si bipolar technology 93337
Uchino, T. *see* Hirasawa, S. 93113
Uchino, T. *see* Kato, M. 65852
Uchino, Y. *see* Waguri, S. 58095
Uchino Kenji *see* Kenji Uchino
Uchishiba, H. *see* Ikata, O. 96878
Uchitomi, N. *see* Hara, T. 93136
Uchitomi, N. *see* Kitaura, Y. 93552
Uchitomi, N. *see* Nagaoka, M. 92572
Uchitomi, N. *see* Seshita, T. 96942
Uchitomi, S., Yasutake, N., Ogata, S. Understandings of contour structure and its application to diagnosis of thermal process 58993
Uchiumi, M., Maeda, M. Differential absorption lidars for measuring atmospheric minor constituents related to Earth warming 88786
Uchiyama, A. *see* Fukuda, H. 61723
Uchiyama, A. *see* Hayashi, T. 92202
Uchiyama, A. *see* Kawazu, Y. 70545
Uchiyama, A. *see* Kieliszek, A. 90245
Uchiyama, A. *see* Yokoyama, N. 78156
Uchiyama, F. *see* Agatsuma, K. 97964
Uchiyama, K. *see* Arakawa, F. 70667
Uchiyama, K. *see* Hoyano, A. 77592
Uchiyama, K. *see* Morioka, T. 52610
Uchiyama, M. *see* Svinin, M.M. 97928
Uchiyama, N. *see* Mizoguchi, T. 85978
Uchiyama, S. *see* Shimazu, N. 81737
Uchiyama, S. *see* Teragaki, Y. 50609
Uchiyama, T., Okabayashi, K., Wakitani, J. Three dimensional vision sensors for autonomous robots 58835
Uchiyama, T., Sonehara, N. Solving inverse problems in nonlinear PDEs by recurrent neural networks 54787
Uchiyama, T. *see* Lee, S. 77080
Uchiyama, T. *see* Maeda, T. 87159
Uchiyama, T. *see* Miyake, S. 68255
Uchiyama, T. *see* Yoshida, Y. 52795
Uchiyama, T. *see* Yoshida, Y. 66295
Uchiyama, Y., Ogawa, K. MAP EM image reconstruction using k-nearest neighbor method in emission CT 59315
Uchiyama, Y., Ozaki, M., Yoshino, K. Leaky mode operation in FLC/waveguide modulator 72463
Uchkoba, F. *see* Hirakata, K. 63100
Ucinski, D. *see* Korbicz, J. 53694
Uda, H., Ikegami, S., Sonomura, H. Te-metal contact on evaporated CdTe film for a CdS/CdTe solar cell 100464
Uda, H., Yamada, T., Sawai, T., Nogawa, K., Harada, Y. High-performance GaAs switch IC's fabricated using MESFET's with two kinds of pinch-off voltages and a symmetrical pattern configuration 92562
Uda, K. *see* Kawamura, A. 70508
Udaka, H. *see* Koyano, H. 96582
Udalov, Yu.B., Peters, P.J.M., Heeman-Ilieva, M.B., Witteman, W.J., Ochkin, V.N. A CW high specific output power Ar-He-Xe laser with transverse RF excitation 82943
Udalov, Yu.B. *see* Heeman-Ilieva, M.B. 82942
Udayakumar, K.R. *see* Chen, J. 54933
Udd, E., Blom, R.G., Tralli, D.M., Saaski, E., Dokka, R. Application of the Sagnac interferometer based strain sensor to an Earth movement detection system 99157
Udd, E. *see* Clark, T.E. 52933
Udischas, R. *see* Hwa-Chi Wang 62364
Udo, F. *see* van den Berg, F.D. 98523
Udo, V. *see* Rubaai, A. 77895
Udod, E.I., Taloverya, V.L. Research and new development in live working in Ukraine 78147
Udomkesmalee, S. Feature recognition of two-dimensional object scenes using contour curvature representation 57659
Udomoto, J. *see* Shimura, T. 92529
Udono, H., Katsuno, H., Tanaka, A., Sukegawa, T. Conversion of GaAs layer grown on GaP substrate to GaAsP in LPE system 61271
Udpa, L. *see* Elshafiey, I. 83612
Udpa, L. *see* Elshafiey, I. 83619
Udpa, L. *see* Mandayam, S. 82298
Udpa, S.S. *see* Elshafiey, I. 83612
Udpa, S.S. *see* Elshafiey, I. 83619
Udpa, S.S. *see* Ghorayeb, S.R. 49033
Udrea-Spinea, M. *see* Lazarovici, D. 59231
Udupa, J.K. Multidimensional digital boundaries 84626
Udut, V.V. *see* Prokop'ev, V.I. 67475
Udwadia, F.E., Kumar, R. Convergence of iterative methods for nonclassically damped dynamic systems 54765
Ueba, H. *see* Fujita, K. 61237
Uebel, L.F., Barone, D. GSN neural network in hardware 49594
Ueda, A. *see* Arai, K. 82513
Ueda, A. *see* Kawakami, N. 60524
Ueda, A. *see* Kobayashi, Y. 66906
Ueda, A. *see* Ohzuku, T. 90354
Ueda, D. *see* Miyatsuji, K. 81970
Ueda, D. *see* Miyatsuji, K. 92627
Ueda, D. *see* Scott, J.F. 61938
Ueda, F. *see* Matsui, K. 67995
Ueda, F. *see* Matsui, K. 100327
Ueda, H. Multimedia handling 51923
Ueda, H., Taima, K., Kubota, T. Edge-illuminated color holograms 56981
Ueda, H. *see* Hane, T. 85979
Ueda, H. *see* Matsunaga, H. 64917
Ueda, H. *see* Suzuki, T. 86009
Ueda, H. *see* Tokizawa, I. 51327
Ueda, H. *see* Tokizawa, I. 75093
Ueda, H. *see* Uematsu, H. 85225
Ueda, H. *see* Yamanaka, H. 75161
Ueda, I. *see* Inaba, S. 98669
Ueda, K. Behaviors of hydrogen and oxygen on cleaned silicon surfaces 55746
Ueda, K., Nagai, A., Inamori, H., Sunaga, H. Implementation of the TMN to a highly reliable distributed switching node 74842
Ueda, K., Sasaki, N., Sato, H., Kubo, S., Mashiko, K. 3.0 Gb/s, 272 mW, 8:1 multiplexer and 4.1 Gb/s, 388 mW, 1:8 demultiplexer 75483
Ueda, K., Takahashi, S. Digital filters with hypercomplex coefficients 64557
Ueda, K. *see* Ishibashi, K. 70536
Ueda, K. *see* Lee, D.J. 70524
Ueda, K. *see* Mito, T. 89302
Ueda, K. *see* Sato, H. 91974
Ueda, K. *see* Sugawara, H. 69959
Ueda, K. *see* Torikoshi, M. 53138
Ueda, K. *see* Uehara, N. 56686
Ueda, K. *see* Uehara, N. 56827
Ueda, K. *see* Uehara, N. 72717
Ueda, K. *see* Yamanaka, T. 70510
Ueda, M., Ando, T. Transfer-energy-dependent escape rate of electrons through a small-capacitance tunnel junction 92993
Ueda, M., Inada, H., Mine, Y., Sunago, K. Development of micromachined silicon accelerometer 97956
Ueda, M., Wakatsuki, N. Investigation of internal loss and power transmission characteristic of width shear vibration piezoelectric transformer 78683
Ueda, M. *see* Kitagawa, M. 71744
Ueda, M. *see* Kubo, K. 86011
Ueda, N., Nakano, R. A new competitive learning approach based on an equidistortion principle for designing optimal vector quantizers 95163
Ueda, N. *see* Yanagawa, K. 71124

Ueda, S. *see* Kawahito, S. 67462
Ueda, T., Kath, W.L. Stochastic simulation of pulses in nonlinear-optical fibers with random birefringence 56359
Ueda, T., Oohashi, Y. Field measurement of lightning surges into substations 68320
Ueda, T., Sato, M., Kanada, Y., Sugita, T. Chip forming temperature on micro cutting. I. Measurement of tool tip temperature by infrared radiation pyrometer with optical fiber 87576
Ueda, T. *see* Kaneko, K. 58911
Ueda, T. *see* Matsuno, G. 98163
Ueda, T. *see* Nakahori, S. 90352
Ueda, T. *see* Ogata, A. 87880
Ueda, T. *see* Ohmi, K. 70143
Ueda, T. *see* Scott, J.F. 61938
Ueda, T. *see* Scott, J.F. 61938
Ueda, T. *see* Shiozawa, T. 72938
Ueda, T. *see* Toshiyoshi, H. 56169
Ueda, T. *see* Uesaka, M. 59037
Ueda, Y. *see* Arai, K. 67766
Ueda, Y. *see* Morita, N. 53568
Ueda, Y. *see* Sakata, S. 82927
Ueda, Y. *see* Takase, F. 60195
Uede, T. *see* Mito, T. 89302
Uedono, A., Kawano, T., Long Wei, Tanigawa, S., Ikari, A., Kawakami, K., Itoh, H. Oxygen microclusters in Czochralski-grown Si probed by positron annihilation 81186
Uedono, A., Long Wei, Tanigawa, S., Ohji, Y. Defects in SiO_2/Si structures probed by using a monoenergetic positron beam 71358
Ueguri, S. *see* Sakata, S. 82927
Ueguri, S. *see* Takeda, Y. 72680
Ueha, S. *see* Kurosawa, M. 99372
Ueha, S. *see* Okada, H. 77735
Uehara, G. *see* Kawai, J. 93945
Uehara, G. *see* Kazami, K. 56247
Uehara, G. *see* Mizutani, N. 56264
Uehara, G. *see* Morooka, T. 58663
Uehara, G. *see* Takada, Y. 97908
Uehara, G.T., Gray, P.R. A 100 MHz output rate analog-to-digital interface for PRML magnetic-disk read channels in 1.2 μm CMOS 92328
Uehara, H. *see* Jitsuhara, S. 100027
Uehara, I. *see* Sakai, T. 78798
Uehara, K., Yonekura, T., Nishimura, H., Miyashita, K., Mizuno, K. Optics design for a millimeter-wave phase-imaging system and its application to plasma diagnostics 83859
Uehara, K. *see* Masaki, K. 68916
Uehara, K. *see* Mukaihara, K. 66052
Uehara, K. *see* Teraoka, F. 85637
Uehara, M., Kanazawa, H. Experimental study on operation at room temperature of transverse flow carbon monoxide laser excited by radio frequency discharge 72677
Uehara, M., Tomizawa, H., Hirosawa, S., Tomida, T., Maehara, Y. Origin of anisotropy in the HDDR process of $Nd_2Fe_{14}B$-based alloys 50183
Uehara, M. *see* Kanazawa, H. 72695
Uehara, M. *see* Kanekiyo, H. 50211
Uehara, N., Ueda, K. Ultrahigh-frequency stabilization of a diode-pumped Nd:YAG laser with a high-power-acceptance photodetector 56686
Uehara, N., Ueda, K. Frequency stabilization of two diode-pumped Nd:YAG lasers locked to two Fabry-Perot cavities 56827
Uehara, N., Ueda, K. Frequency stabilization of two diode-pumped Nd:YAG lasers locked to two Fabry-Perot cavities 72717
Uehara, T. *see* Katsuragawa, H. 85949
Uehara, T. *see* Shiino, H. 85950
Uehara, Y. *see* Shoji, K. 91645
Uehira, E., Muraki, T. High-speed, high-resolution image input technique using multi-area sensor 87294
Uehira, K., Komiya, K. Design and reading characteristics of photoconductor type contact color image sensor 66433
Uehira, K. *see* Komiya, K. 64748
Uehira, K. *see* Kuriki, M. 85962
Uehira, K. *see* Takahashi, Y. 82792
Uehiro, M. *see* Soga, T. 100449
Uehlein, R.B. *see* Hayashi, T. 71111
Uei Joong Yoon, Seoung In Yang E-polarized scattering by a resistive strip grating 73323
Ueki, H., Kuroda, S., Higuchi, K., Ikeguchi, H., Yasuki, N. The development of a 16-bit microcomputer with flash EEPROM 92296
Ueki, K. *see* Uruga, K. 60581
Ueki, K. *see* Yanagawa, H. 72411
Ueki, M., Ooiwa, A. A heterodyne laser interferometric oil manometer 66729
Ueki, M. *see* Ooiwa, A. 66727
Ueki, N., Morishima, S., Yamada, H., Harashima, H. Expression analysis/synthesis system based on emotional space constructed by multi-layered neural network 51613
Ueki, T. *see* Shiono, N. 48730
Ueki, Y. *see* Fukuyama, Y. 78080
Uekusa, T. *see* Ohshima, K. 54268
Uematsu, A. *see* Yoshida, S. 58094
Uematsu, H., Ueda, H. Cell delay variation smoothing methods for ATM-based SDH signal transport system 85225
Uematsu, H. *see* Nakanishi, R. 90222
Uematsu, H. *see* Tokizawa, I. 51327
Uematsu, M. *see* Ogawa, T. 71457
Uematsu, S. *see* Kuriyama, K. 71114
Uematsu, T., Nagata, Y., Ohtsuka, H., Warabisako, T., Nomura, H., Saitoh, T. Characterization of surface recombination velocity at Si solar cell surface under high injection level 100570
Uematsu, T., Nagata, Y., Ohtsuka, T., Warabisako, T., Nomura, H., Iga, T., Saitoh, T. Degradation free Si_O2 passivation layer oxidized by TCA process 100484
Uematsu, T. *see* Ohtsuka, H. 100758
Uematsu, T. *see* Saitoh, T. 56509
Uematsu, T. *see* Warabisako, T. 100646
Uemoto, Y. *see* Arita, K. 50138
Uemoto, Y. *see* Arita, K. 93659
Uemoto, Y. *see* Fujii, E. 61721
Uemoto, Y. *see* Sumi, T. 93798
Uemura, A. *see* Kosaka, H. 50826
Uemura, G. *see* Takemura, H. 50076
Uemura, K. *see* Oku, K. 59922
Uemura, K. *see* Umemoto, T. 61941
Uemura, M. *see* Yamazawa, K. 66640
Uemura, T. Characterization for negative differential resistance in surface tunnel transistors 93513
Uemura, T., Baba, T. First observation of negative differential resistance in surface tunnel transistors 50042
Uemura, T., Baba, T. Improved negative differential resistance characteristics in surface tunnel transistors 93352
Uemura, T. *see* Igarashi, R. 76831
Uemura, T. *see* Wakita, N. 72464
Ueng, H.Y. *see* Chang, D.Y. 62215
Ueng, S.Y., Chao, T.S., Wang, P.J., Chen, W.H., Chang, D.C., Cheng, H.C. Superior damage-immunity of thin oxides thermally grown on reactive-ion-etched silicon surface in N_2O ambient 55819
Ueng, T.S. *see* Lin, K.K. 76540
Uenishi, A. *see* Yamashita, J. 55969
Uenishi, S., Tohyama, K., Ito, K. Photovoltaic characteristics of thin film CdS/$CuInS_2$ heterojunctions 100459
Uenishi, S. *see* Ogawa, Y. 92977
Uenishi, Y., Tanaka, H., Ukita, H. Characterization of AlGaAs microstructure fabricated by AlGaAs/GaAs micromachining 94449
Uenishi, Y. *see* Ukita, H. 83102
Ueno, F. *see* Oota, I. 78699
Ueno, F. *see* Sasaki, H. 61834
Ueno, F. *see* Sasaki, H. 91940
Ueno, F. *see* Sasaki, M. 49495
Ueno, F. *see* Sasaki, M. 70789
Ueno, F. *see* Sasaki, M. 80385
Ueno, F. *see* Sin Eam Tan 92363
Ueno, F. *see* Sugitani, K. 80409
Ueno, H. *see* Araki, N. 71902
Ueno, H. *see* Tokanai, F. 88064
Ueno, H. *see* Tokanai, F. 98602
Ueno, K., Kato, M., Nakamura, O., Minami, T. Identification of front-view facial images based on isodensity maps 84925
Ueno, K., Ohto, K., Tsunenari, K., Kajiyana, K., Kikuta, K., Kikkawa, T. A quarter-micron planarized interconnection technology with self-aligned plug 62533
Ueno, K., Seki, Y. Enhanced oxidation of ion-implanted Si-face of 6H-SiC 71386
Ueno, K., Seki, Y. Local oxidation of 6H-SiC 81252
Ueno, K. *see* Kikuta, K. 93263
Ueno, M., Nagaoka, K. A model for multiple-choice problem selection 90835
Ueno, M. *see* Morooka, T. 64217
Ueno, N., Kaneko, M. Dynamic active antenna — a principle of dynamic sensing 97929
Ueno, N. *see* Higuchi, H. 100494
Ueno, N. *see* Kushida, M. 62336
Ueno, N. *see* Momose, M. 81110
Ueno, N. *see* Nakayama, N. 93005
Ueno, S., Sasayama, T. Air-fuel ratio sensing for automotive engine 98345
Ueno, S., Toho, M., Wang, A.P. Theoretical and numerical solutions of searchlight problem on flat terrain 77252
Ueno, S. *see* Chinone, K. 53368
Ueno, S. *see* Kawata, Y. 77614
Ueno, S. *see* Oda, H. 70521
Ueno, T., Sawado, Y., Akiyama, T., Iwasaki, Y., Kuroiwa, K., Tarui, Y. Application of high-intensity vacuum ultraviolet light for amorphous silicon film fabrication using a windowless photochemical vapor deposition system 48972
Ueno, T., Uchino, S., Hattori, K.T., Onozuka, T., Shirai, S., Moriuchi, N., Hashimoto, M., Koibuchi, S. Negative resists for i-line lithography utilizing acid catalyzed intramolecular dehydration reaction 81627
Ueno, T. *see* Morimoto, S. 68584
Ueno, T. *see* Morimoto, S. 69046
Ueno, T. *see* Sawado, Y. 48968
Ueno, Y. Two-port crystal resonator for high-precision oscillator 50162
Ueno, Y. TCXO using 2-port crystal resonator 63102
Ueno, Y. Shape leads to excellent precision, performance characteristics in TCXOs 71864
Ueno, Y. Low-loss Bragg-reflector lateral-transverse-mode confinement in AlGaInP red laser 94466
Ueno, Y. *see* Nanya, T. 55301
Ueno-Hayashi, S. *see* Kurata, M. 98524
Uenohara, H., Takahashi, R., Kawamura, Y., Iwamura, H. Carrier escape time dependence on multiple quantum well structure in InGaAs/In(Ga)AlAs systems 63949
Uenosono, C. *see* Ino, T. 68191
Uenoyama, T., Nakao, T., Suzuki, M. Interaction between N_2 and stabilized ZnSe surface 71279
Uenoyama, T. *see* Kamiyama, S. 63759
Uenoyama, T. *see* Kamiyama, S. 72821
Uenoyama, T. *see* Kamiyama, S. 72854
Uenoyama, T. *see* Kamiyama, S. 94505
Uenushi, M., Nakahata, M., Numata, S., Sakai, M. Recent medium-voltage gas-insulated switchgear 60374
Ueoka, T. *see* Tsujino, J. 77753
Ueoka, T. *see* Tsujino, J. 99373
Uesaka, M., Kozawa, T., Kobayashi, T., Ueda, T., Miya, K. Characteristics of pico-second single bunch at the S-band linear accelerator 59037
Uesaka, M. *see* Takeda, N. 82307
Uesaka, M. *see* Yoshida, Y. 82331
Uesawa, F. *see* Sugawara, M. 71474
Ueshiba, T., Yoshimi, T., Oshima, M. An accurate calibration method for a range finder based on a 3-D model of the optical system 51658
Uesu, Y. *see* Kurimura, S. 94164
Uesugi, A. *see* Uranaka, H. 64604
Uesugi, F. *see* Goto, K. 93024
Uesugi, K., Yoshimura, M., Yao, T., Sato, T., Sueyoshi, T., Iwatsuki, M. Scanning tunneling microscopy study of solid-phase epitaxy processes or argon ion bombarded silicon surface and recovery of crystallinity by annealing 69939
Uesugi, M., Tamura, T., Matsuda, S. Flight data of solar cell monitor on Engineering Test Satellite-V (ETS-V) 100765
Uesugi, M. *see* Hacke, P. 100453
Uesugi, M. *see* Matsuda, S. 55945
Uesugi, M. *see* Tanoi, S. 92224
Uesugi, M. *see* Tanoi, S. 92239
Uesugi, N. *see* Mitsunaga, M. 57004
Uesugi, T. *see* Iwahashi, T. 99159
Ueta, T., Kawakami, H. Bifurcation of heteroclinic orbits in a circuit containing a Josephson junction element 91868
Uetani, Y. *see* Demura, T. 92280
Uetani, Y. *see* Matsui, M. 97632
Ueyama, Y. *see* Yonehara, H. 76341
Uezato, K., Senjyu, T., Tomori, Y. Modeling and vector control of synchronous reluctance motors including stator iron loss 78609
Uezato, K. *see* Senjyu, T. 59795
Uezato, K. *see* Senjyu, T. 60260
Uezato, K. *see* Senjyu, T. 68097
Uezato, K. *see* Senjyu, T. 90042
Uezato, K. *see* Senjyu, T. 90109
Uezato, K. *see* Senjyu, T. 99580
Uezato, K. *see* Senjyu, T. 100110
Uezato, K. *see* Senjyu, T. 100179
Uezato, K. *see* Senjyu, T. 100364
Uezato, K. *see* Tomori, Y. 100844
Uffelen, J.W.M.van *see* van Uffelen, J.W.M.
Uffer, M. Network information systems. How important is the data? How important is the organisation? 65408
Ufford, D. *see* McKelvey, B. 67937
Ufford, D.A. *see* Kompella, M.S. 98378
Ufimtsev, P.Y. *see* Pereverzev, S.I. 51090
Ufongene, C.M. A cost-evaluation model for point-to-multipoint FITL network architectures 65763
Uga, K. *see* Ohbayashi, S. 92211
Ugajin, M., Fossum, J.G. Significant time constants defined by high-current charge dynamics in advanced silicon-based bipolar transistors 93326
Ugajin, M., Kunii, Y., Kuwagaki, M., Konaka, S. SiGe drift base bipolar transistor with self-aligned selective CVD-tungsten electrodes 49972
Ugajin, M. *see* Hong, G.-B. 62713
Uggerhoj, E. *see* Elsener, K. 67194
Ugglas, M.A. *see* Danared, H. 67255
Ugglas, M.af *see* af Ugglas, M.
Ugliarolo, M.F. Balancing needs against technologies: networking in the Canyons of Wall Street 51975
Uglyanets, V.V., Fedotov, A.K. Switching at a semiconductor-semiconductor interface 55550
Ugolnikov, S.A. *see* Zubov, V.V. 94347
Ugrelidze, N.A., Shavgulidze, S.A. Convolutional codes over rings for CPFSK signalling 57384
Ugrelidze, N.A., Shavgulidze, S.A., Asanidze, I.G. Simulated error performance of encoded MSK signals in Gaussian and Rician fading channels 64272
Ugrinovic, K. Passive detection of a distant vessel 86621
Ugryumov, E. *see* Tonkonogov, E. 90248
Uhel, R. *see* Letellier, V. 52609
Uher, C. *see* Yongqian Liu 66357
Uher, T. *see* Mestha, L.K. 76513
Uherka, K. *see* Abboud, R.G. 90469
Uhl, D. *see* Schambach, J. 56257
Uhl, G. *see* Sirois, R.H. 89648
Uhlar, M. *see* Tvarozek, V. 66513
Uhlemann, K. Local electric power networks for large lignite burning power stations 68435

Uhlemann, S., Rose, H. The MANDOLINE filter×a new high-performance imaging filter for sub-eV EFTEM 71057
Uhlhorn, R. Fiber-optic interconnect and component packaging for the next generation of aerospace platforms 99096
Uhlig, H. *see* Schallenberg, U.B. 72975
Uhlig, P. *see* Battle, G. 79529
Uhlig, R.P., Joll, B. Converging telecommunications technologies and business efficiency 96527
Uhlmann, D.R. *see* Lee, S.C. 56109
Uhlmann, D.R. *see* Motakef, S. 72284
Uhlmann, D.R. *see* Teowee, G. 56133
Uhlmann, F.H. *see* Mader, G. 51153
Uhlmann, H. *see* Finger, L. 70263
Uhm, H.S. Transient behavior of cavity excitation driven by a modulated electron beam 62104
Uhm, H.S. A self-consistent nonlinear theory of resistive-wall instability in a relativistic electron beam 62106
Uhm, H.S. A self-consistent theory of ferromagnetic waveguide accelerators driven by electron beams 76365
Uhm, H.S. Wakefield accelerator driven by a relativistic electron beam in a ferromagnetic waveguide 76366
Uhm, H.S. Magnetic field-decay accelerator driven by a relativistic electron beam in a ferromagnetic waveguide 76367
Uhm, H.S. Relativistic plasma klystron amplifier in connection with application to high gradient accelerators 76845
Uhrig, R.E., Tsoukalas, L., Iknonomopoulos, A., Essawy, M., Black, C., Yancey, S. Using neural networks to monitor the operability of check valves 68389
Ui Seok Hong *see* Joo Yeol Lee 70890
Ui Seok Hong *see* Keun Her 97202
Uijterwaal, H.A.J.R. *see* Boterenbrood, H. 59186
Uijttewaal, W.S.J. *see* Nijhof, E.-J. 67528
Uiterlinden, R.M. *see* Zagwijn, P.M. 98597
Uji, T. *see* Okuda, T. 56798
Ujihara, H., Amano, M. The latest elevator group-control system 78917
Ujihara, K. *see* Osuge, M. 82958
Ujiie, H. *see* Ohtera, I. 94952
Ujiie, K. *see* Akune, H. 58565
Ujiie, K. *see* Minami, S. 92201
Ujiie, N. *see* Unno, Y. 98558
Ujita, H., Kubota, R. Proposal of adaptive human interface and study of interface evaluation method for plant operators 99896
Ujma, Z. *see* Handerek, J. 56125
Uk Chu Kwang *see* Kwang Uk Chu
Uk Lee Sang *see* Sang Uk Lee
Ukai, K. *see* Shibata, S. 98487
Ukai, S., Sano, Y., Takita, H., Shikakura, S., Lambert, J.D.B. Development of computer code SAFFRON for evaluating breached pin performance in FBR's 89467
Ukawa, K. *see* Nishi, T. 85668
Ukita, H., Uenishi, Y., Katagiri, Y. Applications of an extremely short strong-feedback configuration of an external-cavity laser diode system fabricated with GaAs-based integration technology 83102
Ukita, H. *see* Uenishi, Y. 94449
Ukita, M. *see* Kondo, K. 83123
Ukita, N., Tsuboi, H. A 45-m telescope with a surface accuracy of 65 μm 58530
Ukolov, A.T. *see* Gorev, N.V. 81806
Ula, A.H.M.S. *see* Hasan, A.R. 89916
Ulaby, F. *see* Dobson, M.C. 77303
Ulaby, F. *see* Dobson, M.C. 77672
Ulaby, F. *see* Sarabandi, K. 77591
Ulaby, F.T. *see* De Roo, R.D. 77611
Ulaby, F.T. *see* Oh, Y. 77675
Ulaby, F.T. *see* Pierce, L.E. 67921
Ulaby, F.T. *see* Pierce, L.E. 77605
Ulaby, F.T. *see* Pierce, L.E. 88867
Ulaby, F.T. *see* Polatin, P.F. 59593
Ulaby, F.T. *see* Sarabandi, K. 88860
Ulander, L.M.H. *see* Askne, J. 67877
Ulanov, A.G. *see* Kurnosov, N.M. 89136
Ulbricht, A. *see* Heller, R. 82483
Ulbricht, L.W. *see* Xiaolin Lu 75468
Ulc, S. *see* Fisher, A.S. 76360
Ulema, M., Khalil, K. Access traffic characterization in data networks 96651
Ulema, M. *see* Ammar, M.H. 96819
Uler, F.G., Mohammed, O.A. A 3-D finite element mesh generator for complex volumes 83442
Uler, F.G. *see* Mohammed, O.A. 83525
Ulin, S.E., Dmitrenko, V.V., Bolotnikov, A.E., Vlasik, K.F., Galper, A.M., Grachev, V.M., Kondakova, O.N., Komarov, V.B., Krivov, S.V., Minaev, S.V., Suchkov, S.I., Uteshev, Z.M., Chernysheva, I.V., Yurkin, Yu.T. Cylindrical high-pressure xenon detector of gamma radiation 88134
Ulin, S.E. *see* Bolotnikov, A.E. 67415
Ulin, V.P. *see* Berkovits, V.L. 55740
Ulkusal, Y. *see* Erkut, E. 91311
Ullah, M. *see* Hylton, T.L. 63198
Ullah, N. *see* Burgess, B. 80367
Ullal, H.S. *see* Zweibel, K. 100489
Ullaland, O. *see* Adam, W. 88114
Ullate, L.G., Ramos, A., San Emeterio, J.L. Analysis of the ultrasonic field radiated by time-delay cylindrically focused linear arrays 88894
Ullio, M. *see* Ferrero, F. 85699
Ullio, M. *see* Girardi, G. 51950
Ullmann, D.T. *see* Krusin-Elbaum, L. 63282
Ullmann, H. *see* Louis, D. 81653
Ullmann, J., Weber, A., Mainz, B., Stiegler, J., Schuhrke, T. Low energy ion-induced damage of polycrystalline diamond films 71077
Ullmann, J.L. *see* Osborne, J.H. 59212
Ullmann, K. *see* Brauning, H. 88307
Ullmann, K. *see* Stanton, J. 78387
Ulloa, G. *see* Raja, P. 58131
Ulloa, J., Poehlman, W.F.S., Taylor, D. Expert system application to CDMA mobile cellular telecommunications systems 75256
Ullrich, B., Kazlauskas, A., Zerlauth, S., Kobayashi, T. First realization of bistable light emitting devices 63590
Ullrich, B., Misawa, K., Kobayashi, T., Kazlauskas, A., Hoan Nguyen Cong, Chartier, P. Possibility of analyzing the type of impurities in semiconductors by application of bistability in luminescence 63996
Ullrich, H. *see* Wolf, T. 48943
Ullrich, J.B., Gibson, W.M., Gubarev, M.V., MacDonald, C.A., Qi-Fan Xiao Potential for concentration of synchrotron beams with capillary optics 88298
Ullucci, P. *see* Ranucci, G. 98551
Ulm, G. *see* Bavdaz, M. 67408
Ul'maskulov, M.R. *see* Gabanov, V.P. 90182
Ulmer-Tuffigo, H. *see* Lawrence, I. 93013
Ulrich, B. *see* Mayer, D. 78599
Ulrich, G., Watson, L.T. Positivity conditions for quartic polynomials 54728
Ulrich, R. *see* Gehring, H. 85317
Ulrich, R.K. *see* Goforth, R.C. 98315
Ulrich, W. *see* Budd, R.A. 71501
Ulrichs, C., Eickhoff, T., Wagner, H. Transient photocurrent spectroscopy on amorphous silicon solar cells 100691
Ulug, M.E. A pattern recognition ANN that acts as its own in-band and/or bandpass filter 63513
Ulupinar, F., Nevatia, R. Recovery of 3-D objects with multiple curved surfaces from 2-D contours 57732
Ul'yanitskii, K.S. *see* Ilashchuk, M.I. 92942
Ul'yanov, A.V. *see* Ostashev, V.E. 57063
Ulyashin, A.G. *see* Shlopak, N.V. 49768
Umakantham, K. *see* Murty, K.V.R. 56140
Uman, M.A. Natural lightning 53811
Uman, M.A. Natural lightning 68300
Uman, M.A. *see* Rakov, V.A. 57036
Uman, M.A. *see* Rubinstein, M. 59968
Umanand, L., Bhat, S.R. Adaptation of the rotor time constant for variations in the rotor resistance of an induction motor 100137
Umans, S.D. *see* Kirtley, J.L. 78584
Umansky, I. *see* Perelstein, E. 76542
Umari, M.H. Implementation of an acoustic echo canceller using the Motorola DSP56001 digital signal processor 70631
Umarov, A.V. *see* Magrupov, M.A. 80893
Umarov, K.B. *see* Gulyamov, G. 55631
Umashankar, K., Chaudhuri, S., Taflove, A. Finite-difference time-domain formulation of an inverse scattering scheme for remote sensing of inhomogeneous lossy layered media. I. One dimensional case 53552
Umashankar, K. *see* Strickel, M. 53553
Umasuthan, M. *see* Trucco, E. 84673
Umatov, V.I. *see* Avignone, F.T. 67288
Umbach, A., Schramm, C., Bottcher, J., Unterborsch, G. Ohmic contacts to buried n-GaInAs layers for GaInAs/AlInAs-HEMTs 56021
Umbach, C.P. *see* Allee, D.R. 71547
Umbricht, N. *see* Wuchen Wu 61516
Ume, C. *see* Chiayu Fu 91678
Ume, C. *see* Grahann, G.M. 55027
Ume, C. *see* Yang, J. 55002
Umeda, H., Yamauchi, Y., Kaku, S. Reduction of transmission idle time in multicast ARQ systems 95165
Umeda, K. *see* Lee, D.J. 70524
Umeda, M. *see* Arai, K. 82443
Umeda, M. *see* Niimi, T. 82800
Umeda, N., Onoe, S. Idle-signal casting multiple access with partial echo (ICMA-PE) for mobile packet communications 97090
Umeda, T. *see* Inouye, Y. 64540
Umeda, T. *see* Ohke, S. 72362
Umeda, T. *see* Wada, K. 63760
Umeda, Y., Enoki, T., Ishii, Y. Sensitivity analysis of 50-GHz MMIC-LNA on gate-recess depth with InAlAs/InGaAs/InP HEMTs 80767
Umeda, Y., Enoki, T., Ishii, Y. Sensitivity analysis of 50-GHz MMIC-LNA on gate-recess depth with InAlAs/InGaAs/InP HEMTs 80817
Umeda, Y. *see* Akune, H. 58565
Umeda, Y. *see* Shibata, T. 92630
Umegaki, S. *see* Chikuma, K. 56884
Umemoto, D.K., Streit, D.C., Kobayashi, K.W., Oki, A.K. 35-GHz HEMT amplifiers fabricated using integrated HEMT-HBT material grown by selective MBE 92623
Umemoto, D.K. *see* Kobayashi, K.W. 49658
Umemoto, D.K. *see* Kobayashi, K.W. 80762
Umemoto, D.K. *see* Kobayashi, K.W. 80815
Umemoto, D.K. *see* Kobayashi, K.W. 92561
Umemoto, T., Aoshima, N. Smoothing of sinusoidal noise by nonlinear adaptive filter 84498
Umemoto, T., Aoshima, N. Adaptive DFT and its application 84499
Umemoto, T., Miya, T., Hirayama, H., Tahara, K., Uemura, K. L-S band SPDT switch IC 61941
Umemura, K. *see* Ishitani, T. 59050
Umemura, S. *see* Fukue, I. 60105
Umemura, S. *see* Yamamoto, R. 93793
Umeno, M., Azuma, Y., Egawa, T., Soga, T., Jimbo, T. $Al_{0.22}Ga_{0.78}As$/Si monolithic two-terminal tandem solar cell grown by MOCVD 100686
Umeno, M. *see* Egawa, T. 72846
Umeno, M. *see* Egawa, T. 94516
Umeno, M. *see* Hasegawa, Y. 63762
Umeno, M. *see* Mingju Yang 60477
Umeno, M. *see* Mingju Yang 100447
Umeno, M. *see* Soga, T. 55604
Umeno, M. *see* Soga, T. 100449
Umeno, T., Asano, I., Iwama, N. Estimation of parameter variation based on the disturbance observer $application to the estimation of the inner pressure of tires 60592
Umesh, P.S. *see* Sontakke, T.R. 53380
Umesh, S. *see* Wilson, E. 74111
Umetani, Y. *see* Kado, H. 62957
Umeyama, S. *see* Tanaka, M. 85135
Umezawa, A., Atsumi, S., Kuriyama, M., Banba, H., Hoshino, C., Naruke, K., Yamada, S., Ohshima, Y., Oshikiri, M., Hiura, Y., Suzuki, T., Yoshikawa, K. A new self-data-refresh scheme for a sector erasable 16-Mb flash EEPROM 70562
Umezawa, A. *see* Atsumi, S. 49426
Umezawa, H. *see* Saito, K. 67129
Umezawa, K. *see* Kuramitsu, Y. 79337
Umezu, I., Maeda, K. Analysis of Joule heat in a-Si:H film by photothermal deflection spectroscopy 92970
Umezu, Y. *see* Takatsu, H. 58917
Umiastowski, K., Nguyen, A. Transition radiation very soft X-ray source 59218
Umimoto, H. *see* Hori, A. 93423
Umimoto, H. *see* Shimizu, N. 63018
Umlauf, E. *see* Buhler, M. 67417
Umlor, M.T. *see* Simpson, P.J. 71410
Umoto, J. *see* Matsuo, T. 54156
Umoto, J. *see* Matsuo, T. 69018
Umov, V.A. *see* Busyrev, A.I. 53854
Umphress, R. *see* Hylton, T.L. 63198
Umstadter, D. *see* Ting, A. 76371
Umstadter, D. *see* Yu, L.H. 63890
Un, C.K. *see* Chung, H. 52142
Un, C.K. *see* Koo, J.M. 65218
Un, C.K. *see* Lee, J.Y. 64966
Un, C.K. *see* Min, B.J. 57496
Un, C.K. *see* Park, Y.K. 84136
Un, C.K. *see* Yon, C.H. 55345
Un Chong Kwan *see* Chong Kwan Un
Un Chong-Kwan *see* Chong-Kwan Un
Un Yi Chul *see* Chul Un Yi
Unagami, S. *see* Yamaguchi, K. 75159
Unal, A.T. *see* Kiran, A.S. 69552
Unal, C. *see* Jye-Chyi Lu 60925
Unal, C.M.H., Niemeijer, R.J., van Sinttruyen, J.S., Ligthart, L.P. Calibration of a polarimetric radar using a rotatable dihedral corner reflector 77416
Unal, G. *see* Gingrich, D. 53291
Unaltuna, M.K., Dalkilic, M.E., Pitchumani, V. Solving the scheduling problem in high level synthesis using a normalized mean field neural network 61622
Unamuno, S.De *see* De Unamuno, S.
Unbehauen, H. *see* Flunkert, H.-U. 89805
Unbehauen, H. *see* Rachev, V. 89789
Unbehauen, R. *see* Cichocki, A. 84245
Unbehauen, R. *see* Finkler, R. 61787
Unbehauen, R. *see* Gong, L. 54263
Unbehauen, R. *see* Gong, L. 69230
Unbehauen, R. *see* Gong, L. 90642
Unbehauen, R. *see* Ji-Nan Lin 48832
Unbehauen, R. *see* Nie, X.N. 57620
Unbehend, C. Knowledge based monitoring and diagnosis in machine maintenance 79221
Uncini, A. *see* Gentili, P. 92394
Undeland, T.M. *see* Kvien, O. 62655
Undeland, T.M. *see* Mohan, N. 80088
Undeland, T.M. *see* Torvetjonn, G.J. 68770
Underwood, B. *see* Sungho Kang 92041
Underwood, C.I., Ecoffet, R., Duzellier, S., Faguere, D. Observations of single-event upset and multiple-bit upset in non-hardened high-density SRAMs in the TOPEX/Poseidon orbit 70492
Underwood, I., Vass, D.G., O'Hara, A., Burns, D.C., McOwan, P.W., Gourlay, J. Improving the performance of liquid-crystal-over-silicon spatial light modulators: issues and achievements 56444
Underwood, I. *see* Worboys, M.R. 66623
Underwood, K. *see* Allison, S. 87623
Underwood, K. *see* Baker, A. 92225
Underwood, S.R. *see* Forbat, S.M. 59369
Undrill, P.E. *see* Delibasis, K. 76957
Undy, S. *see* Knebel, P. 70592

Unekawa, Y., Kobayashi, T., Shirotori, T., Fujimoto, Y., Shimazawa, T., Nogami, K., Nakao, T., Sawada, K., Matsui, M., Sakurai, T., Man Kit Tang, Huffman, W.A. A 110-MHz/1-Mb synchronous TagRAM 49419
Unekawa, Y., Kobayashi, T., Shirotori, T., Fujimoto, Y., Shimazawa, T., Nogami, K., Nakao, T., Sawada, K., Matsui, M., Sakurai, T., Man Kit Tang, Huffman, B. A 110 MHz/1 Mbit synchronous Tag RAM 70548
Ung Ioi Keong *see* Ioi Keong Ung
Ung Kim *see* Kyu-Haeng Lee 73053
Ungar, J. *see* Chen, T.R. 63846
Ungar, J.E., Kwong, N.S.K., Oh, S.W., Chen, J.S., Bar Chaim, N. High power 980 nm nonabsorbing facet lasers 94500
Unger, B.W., Lomow, G.A. The Telecom Framework: a simulation environment for telecommunications 74847
Unger, C., Stocklein, W. Characterization of the bending sensitivity of fibers by the MAC-value 50494
Unger, C., Stocklein, W. Investigation of the microbending sensitivity of fibers 63367
Unger, C., Stocklein, W. Anomalous spectral modulation of the mode-field diameter of single-mode fibers 82609
Unger, C. *see* Hormann, P. 60107
Unger, E.A. *see* Vaughn, R.B. 85738
Unger, G. *see* Oelmann, A. 60909
Unger, H., Petersohn, U. Noise analysis of complex multirate systems by means of matrix calculus 84243
Unger, H. *see* Bernhardt, U. 92364
Unger, H. *see* Spring, A. 57477
Unger, H.-G. *see* Lusse, P. 51175
Unger, W. *see* Hromkovic, J. 57928
Ungerboeck, G. *see* Olcer, S. 57364
Ungering, A.P., Thuener, K., Goser, K. Architecture of a PDM VLSI fuzzy logic controller with pipelining and optimized chip area 49493
Ungrad, H. *see* Enns, M. 68292
Unguris, J., Celotta, R.J., Pierce, D.T. Oscillatory exchange coupling in Fe/Au/Fe(100) 71976
Ungvichian, V. *see* Gu, C. 51253
Unjeng Cheng *see* Levitt, B. 75197
Unjeng Cheng *see* Levitt, B.K. 57537
Unluakin, U. *see* Gurgen, F. 95276
Unnikrishnan, N.V. *see* Ajithkumar, G. 69916
Unnikrishnan, S. *see* Sarathy, J. 63467
Unno, Y., Hinode, F., Akagi, T., Kohriki, T., Ujiie, N., Iwata, Y., Ohmoto, T., Ohsugi, T., Ohyama, T., Hatakenaka, T., Tamura, N., Kobayashi, S., Murakami, A., Tezuka, M., Takashima, R., Aso, T., Miyata, H., Daigo, M., Higuchi, M., Kipnis, I., Spieler, H., DeWitt, J., Dorfan, D., Grillo, A., Hubbard, B., Rahn, J., Roye, W., Sadrozinski, H., Seiden, A., Spencer, E., Webster, A., Wilder, M., Frautschi, M., Matthews, J., Kaplan, D. Beam test of the SDC double-sided silicon strip detector 98558
Unno, Y. *see* Barberis, E. 59063
Unno, Y. *see* Barberis, E. 88104
Unno, Y. *see* Barberis, E. 98609
Unno, Y. *see* Ishimaru, K. 71784
Unno, Y. *see* Leslie, J. 59065
Unno, Y. *see* Matsuoka, F. 92220
Unno, Y. *see* Ohsugi, T. 59069
Unno, Y. *see* Yabe, T. 70566
Uno, A., Akahane, H., Tanaka, M., Hirasawa, K. Personal computer display TV PC-TD151/PC-TD211 58560
Uno, N. *see* Mizomata, Y. 93915
Uno, S. *see* Saitoh, Y. 59022
Uno, S. *see* Wouthuyzen, S. 77489
Uno, T. Bulk acoustic wave filter using piezoelectrically coupled resonators 71918
Uno, T., Aiba, M., Takahashi, S., Suzuki, Y. Development of ultra fine pitch (0.4, 0.3 mm pitch) QFP 60970
Uno, T. *see* Furukawa, R. 96074
Uno, T. *see* He, Y. 94808
Uno, Y., Kobayashi, M., Fuchigami, H. High speed data communication network for WilTel 96427
Unold, T. *see* Cohen, J.D. 81193
Unruh, A. *see* Saxena, S. 62354
Unruh, J., Dais, S., Lowden, M., Millsap, A.W., Folkerts, M.A. Uniform management of SAE J1850 and controller area network messages 69185
Unruh, W. *see* Griscom, D.L. 72315
Unsal, M. Cooling of multiple heat sources attached to two dimensional rectangular fins 79408
Unsal, M. *see* Soylemez, M.S. 79411
Unser, K.B. *see* Dunnam, C.R. 76517
Unser, M. Fast Gabor-like windowed Fourier and continuous wavelet transforms 64546
Unser, M. Efficient dyadic wavelet transformation of images using interpolation filters 84975
Unser, M. Texture discrimination using wavelets 96050
Unsoy, M.S., Hayward, K.G. Frame relay and evolution to ATM 85827
Unsworth, C.P. *see* Smith, G.M. 82754
Unsworth, J., Conn, C., Jin, Z., Kaynak, A., Ediriweera, R., Innis, P., Booth, N. Conducting polymers: properties and applications 91651
Unsworth, J. *see* Kaynak, A. 73391
Unterberger, M., Westphal, A. Monitoring the production process in real time. Process data acquisition increases the quality of plastic moulded parts for automotive engineering 61003
Unterborsch, G. *see* Kaiser, R. 86348
Unterborsch, G. *see* Trommer, D. 58426
Unterborsch, G. *see* Umbach, A. 56021
Unterlass, F. *see* Pereira, M. 59816
Unterrainer, K. *see* Heiss, W. 63853
Unterwald, F.C. *see* Gossmann, H.-J. 81422
Unum, M. *see* Lu, C.N. 88992
Unver, Z. *see* Ciloglu, T. 80455
Unwin, M., Sweeting, M. Results from the PoSAT GPS experiment 65980
Uomi, K., Yoo, S.J.B., Scherer, A., Bhat, R., Andreadakis, N.C., Zah, C.E., Koza, M.A., Lee, T.P. Low threshold, room temperature pulsed operation of 1.5 μm vertical-cavity surface-emitting lasers with an optimized multi-quantum well active layer 50824
Uomi, K. *see* Kondow, M. 70057
Uomi, K. *see* Sagawa, M. 83052
Uomi, K. *see* Tsuchiya, T. 56777
Uosaki, K. *see* Koinuma, M. 71347
Uose, H., Terada, Y., Nakayama, T., Inoue, Y. Computer communications on B-ISDN 58221
Uose, H. *see* Sebayashi, K. 65382
Uozumi, J. *see* Peiponen, K.-E. 84932
Uozumi, J. *see* Widjaja, J. 56468
Uozumi, T. *see* Suzuki, T. 89283
Uozumi, Y. *see* Nohtomi, A. 88210
Uozumi, Y. *see* Rashid, M.M. 59193
Uozumi, Y. *see* Rashid, M.M. 88237
Uozumi, Y. *see* Rashid, M.M. 98674
Uozumi, Y. *see* Widodo, S. 59139
Upadhyay, H.N., Chanana, R.K., Dwivedi, R., Srivastava, S.K. Fowler-Nordheim emission and electron trapping in pure N_2O/SiH_4 PECVD oxide deposited on N_2, H_2 and O_2 plasma precleaned Si wafers 62459
Upadhyay, S.K., Smith, A.F.M. Simulation based Bayesian approaches to the analysis of a lognormal regression model 79494
Upadhyaya, B.R. *see* Eryurek, E. 53867
Upadhyaya, B.R. *see* Eryurek, E.E. 78341
Upadhyaya, B.R. *see* Holbert, K.E. 57577
Upadhyaya, B.R. *see* Kavaklioglu, K. 78297
Upadhyaya, S.J. *see* Chen, Y.-Y. 61637
Updike, S.J. *see* Shults, M.C. 88471
Upender, B.P., Koopman, P. Embedded communication protocol options 85661
Uphaus, J.A., Jr., Bryant, R.B. An innovative tool for designing fault tolerant cockpit display symbology 88669
Uplane, M.D. *see* Bhosale, C.H. 70076
Uppala, S.V., Sahr, J.D. Spectrum estimation of moderately overspread radar targets using aperiodic transmitter coding 75620
Uppaluri, P., Pomeranz, I., Reddy, S.M. Test pattern generation for path delay faults in synchronous sequential circuits using multiple fast clocks and multiple observation times 70376
Uppili, S., Yamaguchi, T., Alberhasky, S. Rapid thermal annealing in advanced silicon bipolar technology 62963
Uppili, S. *see* Yamaguchi, T. 50074
Upson, P. UK nuclear industry: improving for the future 78313
Upton, A.R.M. *see* Dahanayake, B.W. 77014
Upton, D.M. *see* McMorrow, R.J. 80859
Upton, M. A concurrent engineering approach to EMC design 51142
Upton, P. *see* Catchpole, I. 65942
Ur, H. *see* Gold, D. 55344
Ura, K. *see* Zhang, H. 81167
Ura, M., Kobayashi, H., Suehiro, Y., Ozeki, T. Relation between spacing losses and level differences in laminated film heads 50316
Ura, M. *see* Kobayashi, H. 50346
Ura, S., Shinohara, M., Endoh, T., Suhara, T., Nishihara, H. Integrated-optic grating-scale-displacement sensor using linearly focusing grating couplers 72422
Ura, S. *see* Oh, M. 94181
Urabe, K. *see* Sasaki, S. 86159
Urabe, S., Hayasaka, K., Watanabe, M., Imajo, H., Ohmukai, R. Trapping and laser cooling of Ca^+ ions toward future optical frequency standards: observation of clock transitions 86940
Urabe, S. *see* Hayasaka, K. 56873
Urabe, S. *see* Watanabe, M. 56864
Urabe, S. *see* Watanabe, M. 56874
Urabe, T., Afzal, H., Ho, G., Pancha, P., El Zarki, M. MPEGTool: an X window based MPEG encoder and statistics tool 58577
Urabe, T. *see* Kubota, Y. 52730
Urago, S., Berthod, M., Zerubia, J. An extension of an algorithm proposed by J.L. Marroquin for the restoration of incomplete contour images. Application to real images 95854
Urahama, K. Analog circuit for solving assignment problems 61825
Urahama, K. K-th largest element selection circuit for order statistics signal processing 80515
Urahama, K., Nagao, T. Analog circuit implementation and learning algorithm for nearest neighbor classifiers 61827
Urai, H. *see* Makino, S. 50261
Urai, H. *see* Okumura, T. 50345
Urakawa, H. *see* Ishibashi, Y. 61789
Ural, H. *see* Saleh, K. 85646
Uralov, S. *see* Kuchinski, V. 93978
Uramoto, T. *see* Shikama, T. 82598
Uranaka, H., Shimazaki, S., Uesugi, A., Takayama, S., Takayama, H., Kawakami, K., Onodera, C. An algorithm and its processor MN8530 for high speed geometric transformation of images 64604
Urankar, L., Henninger, P., Nestel, F.S. Compact extended algorithms for elliptic integrals in electromagnetic field and potential computations. II. Elliptic integral of third kind with extended integration range 73198
Urano, H., Maruta, A., Matsuhara, M. Finite-element analysis of three-dimensional waveguide transfer problem application to coaxial line system 57172
Urano, M. *see* Ozaki, S. 70623
Urano, T. *see* Kamitani, T. 87822
Urano, T. *see* Ogawa, Y. 76617
Urano, T. *see* Suwada, T. 98474
Uraoka, Y., Eriguchi, K., Tamaki, T., Tsuji, K. Evaluation of plasma damage to gate oxide 49910
Uraoka, Y., Eriguchi, K., Tamaki, T., Tsuji, K. Evaluation technique of gate oxide damage 50103
Uraoka, Y., Eriguchi, K., Tamaki, T., Tsuji, K. Evaluation technique of gate oxide damage 81899
Uraoka, Y. *see* Ohzone, T. 63003
Uras, C. *see* Verri, A. 74618
Uras, H.Mehmet *see* Mehmet Uras, H.
Urata, M. *see* Kuriyama, T. 94009
Urata, T. *see* Tokumitsu, S. 88842
Urayama, Y. *see* Morimoto, M. 97662
Urbach, L. *see* Zhizhang Shen 51785
Urbach, W. *see* Benkhelifa, A.M. 99358
Urbach, W. *see* Benkhelifa, M.A. 88891
Urban, C. *see* Boegler, P. 87556
Urban, D. *see* Rooks, S. 91097
Urban, G., Jobst, G., Aschauer, E., Tilado, O., Svasek, P., Varahram, M., Ritter, Ch., Riegebauer, J. Performance of integrated glucose and lactate thin-film microbiosensors for clinical analysers 66512
Urban, G. *see* Kohl, F. 58724
Urban, H.-J. *see* Hamann, N.H. 67312
Urban, J. *see* D'Alto, V. 86729
Urban, M. *see* Boudreau, R. 94542
Urban, M. *see* Morawski, R.Z. 75830
Urban, M. *see* Mosser, H. 88472
Urban, P. Experience with the AKG BAP with 1000 [signal-processing headphone] 97718
Urban, W. *see* George, T. 76144
Urbanczyk, W., Bock, W.J., Zaremba, M.B. Multiplexing of electronically scanned white-light interferometric strain sensors based on HB fibers 52897
Urbanczyk, W. *see* Beck, W.J. 87248
Urbanczyk, W. *see* Bock, W.J. 87250
Urbanczyk, W. *see* Bock, W.J. 98036
Urbane, A. *see* Babiloni, F. 76988
Urbanek, J. *see* Larsen, E.V. 68063
Urbanek, P., Skorek, A., Zaremba, M.B. Magnetic flux and temperature analysis in induction heated steel cylinder 90643
Urbanski, M. The topological classification of physical quantities 75822
Urbanski, P. Principal component and partial least squares regressions in the calibration of nucleonic gauges 59101
Urbanus, P. *see* Tew, C. 98228
Urbanus, W.H. *see* Varfolomeev, A.A. 53121
Ure, J. Telecommunications, with Chinese characteristics 58009
Urea, D. *see* Ginley, D.S. 82332
Urekew, T.J., Rencis, J.J. An iterative solution strategy for boundary element equations from mixed boundary value problems 79675
Uren, M.J., Brunson, K.M. An improved technique for the evaluation of surface Fermi energy in metal-oxide-semiconductor capacitors 71246
Urey, H. *see* Ozaktas, H.M. 64851
Urfer, P. *see* Michel, J. 52523
Urh, Z. *see* Vukelic, I. 97139
Uri, N.D. Estimating the agricultural demand for electricity in the presence of measurement error in the data 79066
Uribe, J. *see* Wai-Hoi Wong 88412
Uribe, J. *see* Wai-Hoi Wong 98824
Uribe, R.B., Haken, L., Loui, M.C. A design laboratory in electrical and computer engineering for freshmen 60786
Uriel, Y. *see* McKay, J. 88468
Urikh, K.I. *see* Trifonov, A.S. 83147
Urikh, K.I. *see* Trifonov, A.S. 94142
Urisu, T., Takahashi, J., Utsumi, Y., Akutsu, T., Kuchitsu, K. Synchrotron radiation-assisted Si epitaxial growth using Si_2H_6 and SiH_2Cl_2 gases. Properties in the low temperature region 61298
Urita, H., Mizui, K. Speech downsampling-coding with high-frequency estimation using neural networks 73903
Uritani, A., Marnada, N., Takenaka, Y., Mori, C., Miyahara, H. A study on the position resolution of position-sensitive ^{3}He proportional counters 98547

Uritsky, Y., Rana, V., Ghanayem, S., Shun Wu Using an advanced particle analysis system for process improvement 93231
Uriu, Y., Koyanagi, F., Yokoyama, K. Economical preventive control of power flow after disturbances in the decentralized power system 68045
Uriu, Y. *see* Ninomiya, A. 94029
Urkowitz, H. Simulating dispersed pulse weather echo using simple radar pulse echo 75540
Urkowitz, H. *see* Ashe, J.M. 65886
Urkowitz, H. *see* Bucci, N.J. 65920
Urlin, V.D., Volkov, V.A., Kainov, V.Yu., Ladagin, V.K., Linnik, V.M., Maslennikov, D.B., Starikov, F.A. Calculational modeling of recombination X-ray laser 50734
Urnes, O. *see* Graham, T.C.N. 96717
Urquhart, K.S., Marchand, P., Fainman, Y., Lee, S.H. Diffractive optics applied to free-space optical interconnects 64033
Urquhart, P. *see* Pean, D. 50778
Urquijo, J.de *see* de Urquijo, J.
Urrutia, J. *see* Gavril, F. 69745
Urrutia, L.V. *see* Basano, L. 97825
Ursaki, V.V. *see* Radautsan, S.I. 62168
Urshev, L., Stoeva, A. A program for the design of Chebyshev impedance transforming lowpass filters 55323
Ursic, D. Evolution of quality and quality of systems thinking 60823
Ursini, E.L. *see* Campanholi, S.M. 85477
Urtasun, M. *see* Bonnaire, R. 79187
Uruga, K., Kobayashi, H., Murakami, K., Ueki, K., Nagase, K. Novel detection method of signal section boundary using two groups of search coils [train control] 60581
Uruno, S. *see* Tachikura, I. 65760
Urushibata, H. *see* Aragane, J. 78801
Urushibata, H. *see* Mugikura, Y. 90375
Urushidani, S. *see* Nishikido, J. 96940
Urushihara, S. *see* Kamano, T. 90010
Urushiyama, K. *see* Iguchi, M. 63346
Urutskoev, L.I. *see* Grishaev, S.I. 88136
Uryadov, V.P. *see* Boguta, N.M. 58280
Uryadov, V.P. *see* Erukhimov, L.M. 73357
Urzua, J. *see* Guarini, M. 53430
Us, V.S. *see* Berezin, A.K. 92466
Us, V.S. *see* Berezin, A.K. 92892
Usa, M. *see* Kobayashi, M. 76905
Usachev, A.P. *see* Gulevskii, S.I. 69083
Usai, G. *see* Corriga, G. 99715
Usak, E., Jancarik, V. The measurement of magnetic parameters in a stacked yoke 78690
Usak, P. Indirect measurement of NbTi wire temperature field response to local heat input 98342
Usak, P. *see* Chovanec, F. 93994
Usak, P. *see* Kokavec, J. 94017
Usami, A., Kaneko, K., Ito, A., Wada, T., Ishigami, S.-I. Deep-level transient spectroscopy study of bonded wafers 71237
Usami, K., Park, C.H., Moriya, M., Kobayashi, T., Goto, T., Matsui, S. Fabrication of Nb-based Josephson junctions using low-energy ion beam cleaning 93962
Usami, K. *see* Okabe, H. 82367
Usami, K. *see* Saito, H. 95942
Usami, M., Iwabuchi, M., Kashiyama, M., Oomori, T., Murata, S., Hiramoto, T., Hashimoto, T., Nakajima, Y. A 1.5 ns cycle-time 18 kb pseudo-dual-port RAM 70567
Usami, M. *see* Hiramoto, T. 61716
Usami, M. *see* Iwabuchi, M. 50073
Usami, M. *see* Nambu, H. 70537
Usami, N., Fukatsu, S., Shiraki, Y. Photoluminescence of $Si_{1-x}Ge_x$/Si quantum wells with abrupt interfaces formed by segregant-assisted growth 61244
Usami, N. *see* Sunamura, H. 62437
Usami, T. *see* Ida, J. 71807
Usami, T. *see* Shimokawa, K. 50029
Usami Koh-Ichi *see* Koh-Ichi Usami
Usanov, D.A. *see* Vagarin, V.A. 59005
Usanov, Y.E. Formation mechanism and optical properties of colloidal Ag which forms holographic grating 56972
Usanov, Y.E., Shevtsov, M.K. The volume reflection SHG holograms: principles and mechanism of microcavity structure formation 56958
Usanov, Yu.Ya. *see* Cherepenin, N.D. 83216
Usatov, A.V. *see* Rambidi, N.G. 55490
Usatov, A.V. *see* Rambidi, N.G. 62030
Usenko, A.Y. Irradiation-then-anneal processing to improve BSIT performance 62881
Usenko, Yu.I. *see* Gerasimov, Yu.A. 100966
Usery, E.L. Virtual stereo display techniques for three-dimensional geographic data 51678
Ushakov, A.V. *see* Kiryushin, A.A. 70360
Ushakov, A.V. *see* Rassvetalova, L.A. 51315
Ushakov, I.E. *see* Lyakhov, G.A. 99282
Ushakov, V. *see* Erg, G. 67200
Ushakov, V. *see* Korchuganov, V. 66999
Ushakov, V.G. Analytical methods for analysis of queueing system $G|G_r|1|\infty$ with relative priority 54658
Ushakov, V.N. *see* Rogov, A.N. 94216
Ushakov, V.V. *see* Mesenzhnik, Ya.Z. 59937
Ushakov, V.V. *see* Mesenzhnik, Y.Z. 78126
Ushakova, T.N. *see* Konstantinova, N.N. 55615
Ushaw, G., McLaughlin, S. On the configuration of second order sigma delta modulator 49510
Usher, E., Jean, G., Howell, G. The use of photovoltaics in a northern climate 99986
Usher, J.S. Analysis of circuit-pack component reliability 54611
Usher, M.J. *see* Karatzas, L.S. 83077
Usher, M.J. *see* Karatzas, L.S. 86802
Ushida, A. *see* Nakai, K. 92448
Ushida, H., Takagi, T., Yamaguchi, T. Recognition of facial expressions using conceptual fuzzy sets 51633
Ushigami, U. *see* Abe, N. 72047
Ushigome, M., Ohnishi, O., Moriyama, Y., Hosoya, F., Kataoka, Y. Miniaturized LCC type hybrid IC with chip capacitor and resistor components 62029
Ushijima, H. *see* Katsumata, M. 61427
Ushijima, S., Imai, K., Hirano, M., Noritake, K. High-performance connectionless server for public ATM networks and its application to multiple services support in heterogeneous networking environments 65506
Ushiki, T. *see* Tanaka, K. 66456
Ushiku, Y., Ono, H., Iijima, T., Ninomiya, N., Nishiyama, A., Iwai, H., Hara, H. Planarized silver interconnect technology with a Ti self-passivation technique for deep sub-micron ULSIs 71438
Ushiku, Y. *see* Mizuno, T. 71699
Ushiku, Y. *see* Saito, M. 62850
Ushiku, Y. *see* Yoshitomi, T. 71679
Ushikubo, T., Nagai, K., Furukawa, R., Sakai, S. Optical modules for 10 Gb/s optical transmission systems 58371
Ushio, M. *see* Sasaki, H. 68223
Ushio, Y., Miyayama, M., Yanagida, H. Photoinduced current of a CuO/ZnO thin-film heterojunction in humid atmosphere 49792
Ushiro, T. *see* Fujioka, K. 61218
Ushirogouchi, T., Kihara, N., Saito, S., Naito, T., Asakawa, K., Tada, T., Nakase, M. Quantum chemical studies of chemically amplified resist materials for electron-beam and ArF excimer laser 81630
Ushirokawa, A. *see* Okanoue, K. 65702
Ushirozawa, M. *see* Watanabe, N. 86526
Ushiyama, M. *see* Kume, H. 61738
Ushiyama, Y., Takahashi, H., Tagami, H. Total digital studio system in broadcasting station 97532
Ushkov, V. *see* Korchuganov, V. 66999
Ushnurtsev, A.E. *see* Azarkevich, E.I. 55506
Usievich, B.A. *see* Loktev, S.M. 63436
Usievich, B.A. *see* Loktev, S.M. 72407
Usievich, B.A. *see* Sychugov, V.A. 63437
Usikbin, V.N. On electric arc considerations and short-circuit current calculations in 1000 V networks 99462
Uskokovic, D. *see* Brankovic, Z. 49680
Uskokovic, D. *see* Milosevic, O. 48906
Uskov, A., Mork, J., Mark, J. Wave mixing in semiconductor laser amplifiers due to carrier heating and spectral-hole burning 83067
Uskov, A., Mork, J., Mark, J., Tatham, M.C., Sherlock, G. Terahertz four-wave mixing in semiconductor optical amplifiers: experiment and theory 73100
Uslu, K.H., Bilgutay, N.M., Murthy, R., Kaya, K. Medical image enhancement using split spectrum processing 98778
Usmani, R.A. *see* Sakai, M. 61140
Usmanov, T., Ganeev, R.A., Ganikhanov, Ph.Sh., Redkoretchev, V.I. High-power picosecond laser on Nd:glass based on a passively mode-locked oscillator with negative feedback 72773
Usmanov, T. *see* Ganeev, R.A. 53356
Uso, T. *see* Gagnaire, M. 96712
Usoff, J.M., Munk, B.A. Edge effects of truncated periodic surfaces of thin wire elements 73517
Usoskin, A.I., Freyhardt, H.C., Seminozhenko, V.P., Popova, O.A. Double-step integrated deposition process for multilayers with accurate periodicity 91586
Usov, N.A., Peschany, S.E. Flower state micromagnetic structures in a fine parallelepiped and a flat cylinder 71943
Usov, V.A. *see* Andreev, P.V. 59515
Uspensky, M.V., Kustov, A.V., Sofko, G.J., Koehler, J.A., Villain, J.P., Hanuise, C., Ruohoniemi, J.M., Williams, P.J.S. Ionospheric refraction effects in slant range profiles of auroral HF coherent echoes 67808
Uspensky, M.V., Williams, P.J.S., Romanov, V.I., Pivovarov, V.G., Sofko, G.J., Koehler, J.A. Auroral radar backscatter at off-perpendicular aspect angles due to enhanced ionospheric refraction 94804
Ussler, H. *see* Burak, D. 50951
Usta, O. *see* Redfern, M.A. 59979
Ustimenko, V.A. *see* Lazebnik, F. 48778
Ustinov, A. *see* Barbara, P. 82369
Ustinov, A.V., Kohlstedt, H., Heiden, C. Possible phase locking of vertically stacked Josephson flux-flow oscillators 80670
Ustinov, A.V., Petraglia, A., Pedersen, N.F. Modelling of fluxon dynamics in stacked Josephson tunnel junctions 63325
Ustinov, V.M. *see* Egorov, A.Yu. 54910
Ustinov, V.M. *see* Egorov, A.Yu. 91449
Ustinov, V.M. *see* Kirstaedter, N. 83054
Ustinov, V.M. *see* Ledentsov, N.N. 91450
Ustinovskii, N.N., Peters, P.J.M., Gielkens, S.W.A., Witteman, W.J. Long pulse 250 keV electron gun for high-pressure gas lasers 81131
Ustumi, S. *see* Nakamoto, T. 98148
Usuba, S. *see* Yokoi, H. 82509
Usuda, K. *see* Ohguro, T. 93405
Usui, H. *see* Izumi, T. 78627
Usui, H. *see* Tanaka, K. 66456
Usui, M., Imamura, S., Sugawara, S., Hayashida, S., Sato, H., Hikita, M., Izawa, T. Low-loss polymeric optical waveguides with high thermal stability 63439
Usui, M., Katsura, K., Hayashi, T., Hosoya, M., Sato, K., Sekine, S., Toba, H. A new packaging technique using a film carrier for laser diode arrays 83042
Usui, M., Katsura, K., Hayashi, T., Hosoya, M., Sato, K., Sekine, S., Toba, H. Novel packaging technique for laser diode arrays using film carrier 94543
Usui, M. *see* Suzuki, M. 89357
Usui, R., Ohno, A., Okada, K. Intermediate grade FOG with single mode fiber coil 76032
Usui, S. *see* Kawahito, S. 67462
Usui, S. *see* Nagasaka, E. 88482
Usui, T. *see* Aso, T. 55691
Usui, Y. *see* Hanaoka, R. 82124
Usujima, A., Yasui, M., Aoyama, M., Shioya, Y. Generation mechanism of photoresist residue after ashing 81745
Usuki, K. *see* Harada, R. 85952
Usuki, S. *see* Saiki, S. 75787
Usuki, T., Suzuki, S., Iyori, M., Yamano, K., Suzuki, H., Yamamoto, T., Yoshisato, Y. A superconducting-base transistor using $Ba_{1-x}K_xBiO_3$ superconductor 82368
Usuki, T., Takatsu, M., Saito, M., Okada, M., Yokoyama, N. New algorithm simulation for mesoscopic electron wave devices employing high mobility 2D electron gas 62637
Usuki, T. *see* Tanaka, N. 91436
Usuki, Y. *see* Kobayashi, M. 98519
Usychenko, V.G. *see* Malyshev, V.M. 55869
Utaka, K. *see* Sakata, H. 94587
Utaka, R. *see* Sakata, H. 94263
Utama, P. *see* Gala, M.M.R. 49395
Utchiyama, K., Kawanishi, S., Takara, H., Morioka, T., Saruwatari, M. 100 Gbit/s to 6.3 Gbit/s demultiplexing experiment using polarisation-independent nonlinear optical loop mirror 58254
Utermark, D. *see* Bauerschmidt, K. 99610
Uteshev, Z.M. *see* Bolotnikov, A.E. 67415
Uteshev, Z.M. *see* Ulin, S.E. 88134
Utino, K. *see* Kumada, M. 68748
Utkin, V.A. Problems of control of an asynchronous electric motor 100118
Utkin, V.I. Application oriented trends in sliding mode control theory 100798
Uto, S., Nagata, Y., Takechi, K., Arii, K. A theory for three-dimensional measurement of nonuniform electric field using Kerr effect 58946
Utsonomiya, E. *see* Shiozawa, T. 72938
Utsugi, S. *see* Sugibayashi, T. 92215
Utsumi, H. *see* Konuma, K. 79792
Utsumi, H. *see* Tohyama, S. 98089
Utsumi, T. *see* Hayama, H. 87393
Utsumi, Y. *see* Akazawa, H. 69969
Utsumi, Y. *see* Urisu, T. 61298
Utsumiya, K. *see* Kawaguchi, T. 62959
Utsunomiya, K. *see* Sugimitsu, T. 67251
Utsunomiya, T. Optical switch utilizing total reflection of (Pb, La)$(Zr, Ti)O_3$ ceramics 94180
Utsuyama, H. *see* Yamamoto, K. 59130
Utsuyama, H. *see* Yamamoto, K. 59131
Uttal, W.R. *see* Dayanand, S. 74466
Uttamchandani, D., Othonos, A., Alavie, A.T., Hubert, M. Determination of erbium distribution in optical fibers using confocal optical microscopy 50493
Uttamchandani, D. *see* Cruden, A. 60020
Uttamchandani, D. *see* Karafolas, N. 52486
Uttamchandani, D. *see* Karafolas, N. 86332
Uttamchandani, D. *see* Karafolas, N. 86485
Uttamlal, M. *see* Albery, W.J. 76247
Utter, G.M. *see* Brooks, B.O. 54426
Utter, M.E. A new approach to decode an FM stereo signal using a DSP 73597
Utterback, J. Techniques for increasing the reliability of accelerator control system electronics 76841
Utton, P.C., Sanders, P.M. A graphical tool for bill design 96530
Utts, S.R., Sinichkin, Yu.P., Pilipenko, E.A. Laser fluorescence spectroscopy of human skin in vivo: the effect of erythema 88363
Utts, S.R. *see* Zimnyakov, D.A. 88361
Utyuzhnikov, S.V. *see* Nabiev, V.U. 88923
Uusiltalo, M. ATM piloting and multimedia networking in Finland 65387
Uusimaki, A. *see* Kirschner, I. 56280
Uusimaki, A. *see* Kirschner, I. 58688
Uusimaki, A. *see* Leppavuori, S. 66204
Uusimaki, A. *see* Moilanen, H. 58737
Uusimaki, A. *see* Remes, J. 62028
Uvarov, O.V. *see* Maksimov, S.K. 92976
Uve Reitz, Fellmann, K.H. ISO 9001 quality approval procedures for a factory making special high power transformers 60284

Uwabu, H. *see* Fujiwara, H. 84855
Uwano, S. *see* Watanabe, K. 86052
Uwano, T. *see* Ishizaki, T. 92472
Uwano, T. *see* Ogawa, K. 94983
Uwasawa, K., Mogami, T., Kunio, T., Fukuma, M. Scaling limitations of gate oxide in p^+ polysilicon gate MOS structures for sub-quarter micron CMOS devices 93421
Uwasawa, K. *see* Togo, M. 71701
Uwe, H. *see* Nose, T. 93716
Uy, D. *see* Nanda, A. 89097
Uyama, C. *see* Sugimoto, N. 53371
Uyeda, H. *see* Takahashi, N. 77352
Uyeda, K. *see* Kasahara, H. 89784
Uysal, S., Ang, K.S., Kooi, P.S. Coplanar waveguide active bandpass filter 80590
Uysal, S., Turner, C.W., Watkins, J. Nonuniform transmission line codirectional couplers for hybrid MIMIC and superconductive applications 49639
Uyttenhove, J. *see* Meesen, G. 88185
Uyttenhove, J. *see* Meesen, G. 98577
Uz, K.M., Shapiro, J.M., Czigler, M. Optimal bit allocation in the presence of quantizer feedback 85030
Uzal, E., Moulder, J.C., Rose, J.H. Experimental determination of the near-surface conductivity profiles of metals from electromagnetic induction (eddy current) measurements 66647
Uzal, E. *see* Rose, J.H. 99064
Uzan-Saguy, C. *see* Kalish, R. 55697
Uzdovskii, V.V. *see* Khainovskii, V.I. 76078
Uzino, T. *see* Nakayama, Z. 65260
Uzsoy, R., Chung-Yee Lee, Martin-Vega, L.A. A review of production planning and scheduling models in the semiconductor industry. II. Shop-floor control 90930
Uzun, N. *see* Haddad, R.A. 83951
Uzunoglu, N.K. *see* Kaklamani, D.I. 73527
Uzunov, I.M., Golles, M., Lederer, F. Soliton interaction in the presence of bandwidth limited amplification near the zero-dispersion wavelength 58431
Uzunov, I.M., Golles, M., Leine, L., Lederer, F. The effect of bandwidth limited amplification on soliton interaction 73093

v. Berg, E., Burger, M., Cho, S.H., Schatz, A. Modeling of the breakup of melt jets in liquids for LWR safety analysis 89523
v. Bochmann, G. *see* Mingyu Yao 61039
v. Eckroth, K., Bestel, E.F. Recent advances in the development of commercial axial magnetic field vacuum interrupters 90295
v. Egan-Krieger, G., Muller, R., Rahn, J. The continuous and seamless replacement of a running control system succeeded 87624
v. Maanen, J. *see* Ait-Sadi, R. 83449
v. Rens, A.C.J. *see* Pelgrom, M.J.M. 80401
v Rooy, J. *see* Blankevoort, J. 66042
Va Leong Hong *see* Hong Va Leong
Vaa, M. *see* Jepsen, K.S. 63789
Vaalen, M.J.M.van *see* van Vaalen, M.J.M.
Vaananen, J. Finite element simulation of a permanent magnet generator feeding a rectifier bridge 89798
Vaananen, J. *see* Heikkila, H. 69692
Vaananen, J. *see* Leppavuori, S. 66204
Vaananen, J. *see* Remes, J. 62028
Vaananen, K. *see* Burrill, V. 97685
Vaananen, M. *see* Hakkinen, J. 73890
Vaanholt, H. *see* Schiffler, W. 86769
Vaanholt, H. *see* Schiffler, W. 97695
Vaartstra, B.A. *see* Redwing, J.M. 79804
Vaatainen, A. *see* Sipila, K. 78841
Vabre, M. *see* Villegier, J.C. 63318
Vacca, J. *see* Weil, M. 65578
Vacca, J.R. Telecommunications: data and document image transmission systems of the future 75116
Vacca, J.R. The ins and outs of the Internet 85816
Vaccarelli, A. *see* Marola, G. 84937
Vaccari, M. *see* Toscano, A. 83645
Vaccari, P. *see* Marino, G. 58226
Vaccari, P. *see* Marino, G. 85990
Vaccaro, J.J. *see* Perry, R.P. 75624
Vaccaro, K. *see* Martin, E.A. 56555
Vaccaro, P. *see* Yoshimoto, M. 69964
Vaccaro, R. *see* Ceccarelli, M. 51707
Vaccaro, R.J., Ding, Y. Optimal subspace-based parameter estimation 84463
Vaccaro, R.J. *see* Manickam, T.G. 74056
Vaccaro, R.J. *see* Yinong Ding 95621
Vaccaro, U. *see* Blundo, C. 73751
Vaccaro, U. *see* Blundo, C. 74708
Vaccaro, U. *see* Capocelli, R.M. 95170
Vaccaro, U. *see* Gargano, L. 91290
Vaccaro, V.G. *see* Cardito, M. 76449
Vacher, A., Benkhebbab, M., Guyot, A., Rousseau, T., Skaf, A. A VLSI implementation of parallel fast Fourier transform 49480
Vacher, J. *see* Paraf, E. 98850
Vacherand, F. *see* Ballard, P. 51724
Vadari, S., Harding, D., Douglas, L. Open systems for the electric utility industry: what, why and how ? 53629
Vadari, S.V. *see* Aggoune, M.E. 99551
Vaden, K.R. *see* Krainsky, I.L. 62065
Vadher, V.V., Smith, I.R. Travelling wave induction heaters with compensating windings 54257
Vadher, V.V., Smith, I.R., Kettleborough, J.G., Lee, S.W. Synchronous generator stability as affected by tie-line reactance 60179
Vadher, V.V. *see* Senior, P. 100361
Vadher, V.V. *see* Stewardson, H.R. 60403
Vadipour, M. Optimum degeneration for minimum mismatch in bipolar current sources 91870
Vadrot, J.F., Briand, P., Le Noc, E., Gaudin, D., Tastet, P., Garnier, J., Roubaud, F. Power MOSFET transistors hardening: way to proceed and characterization 71654
Vaez-Iravani, M. *see* Toledo-Crow, R. 82025
Vaezi-Nejad, S.M. *see* Mehdian, M. 76008
Vafiades, M. *see* Boulais, W. 92576
Vagarin, V.A., Skripal, A.V., Usanov, D.A. About limitations in applying the spectral homodyne method for vibration amplitude determining 59005
Vagati, A. *see* Fratta, A. 68558
Vaghar, M.R. *see* Garmestani, H. 82450
Vaghar, M.R. *see* Markiewicz, W.D. 82449
Vaghjiani, H.L., Johnson, E.A., Kane, M.J., Grey, R., Phillips, C.C. GaAs asymmetrically doped n-i-p-i- superlattices for 10 μm infrared subband detector and modulator applications 87201
Vagin, G.Ya. Electromagnetic interference and electromagnetic compatibility of power loads in industrial plants 99463
Vagish, Z. *see* Boehm, L. 63337
Vaglica, A. *see* Gennaro, G. 94716
Vaglio, R. *see* Epifani, M. 66369
Vaglio, R. *see* Parlato, L. 88306
Vagvolgyi, J. *see* Erbeszkorn, L. 67644
Vahala, K.J. *see* Jianhui Zhou 83289
Vahala, K.J. *see* Zhou, J. 56918
Vahid, F. *see* Gajski, D.D. 49084
Vahid, F. *see* Gajski, D.D. 92000
Vahldieck, R. *see* Buxton, B. 86765
Vahldieck, R. *see* Hang Jin 83456
Vahldieck, R. *see* Hassin, D. 52705
Vahldieck, R. *see* Jifu Huang 83741
Vahldieck, R. *see* Jifu Huang 94918
Vahldieck, R. *see* Jin, H. 80862
Vahldieck, R. *see* Ming Yu 80806
Vahldieck, R. *see* Ming Yu 94913
Vahldieck, R. *see* Pregla, R. 92567
Vahldieck, R. *see* Shujun Xiao 80777
Vahrmann, R. *see* Wittmann, R. 91747
Vai, M., Zhimin Xu, Prasad, S. Qualitatively modeling heterojunction bipolar transistors for optimization: a neural network approach 62727
Vaid, K.V. *see* Khan, A.I. 70456
Vaidya, M. *see* Powers, T. 67125
Vaidya, R., Wilkins, E. Use of charged membranes to control interference by body chemicals in a glucose biosensor 88345
Vaidya, S. *see* Cirelli, R.A. 71492
Vaidya, S. *see* Griffith, J.E. 62564
Vaidya, S. *see* Henderson, R.C. 71545
Vaidya, S. *see* Newmark, D.M. 71484
Vaidya, S. *see* Otto, O.W. 71480
Vaidya, S. *see* Pierrat, C. 62616
Vaidya, S. *see* Pierrat, C. 81612
Vaidya, S. *see* Raab, E.L. 71503
Vaidya, S. *see* Stolpe, D.J. 60980
Vaidya, U.K., Raju, P.K. Monitoring processing stages of carbon-carbon composites using vibration based nondestructive evaluation 70194
Vaidya, V.G., Haralick, R.M. Wigner distribution for 2-D motion estimation from noisy images 74540
Vaidyanathan, P.P. Characterization and factorization results for FIR biorthonormal filter banks 95613
Vaidyanathan, P.P. *see* Chen, T. 85047
Vaidyanathan, P.P. *see* Djokovic, I. 95497
Vaidyanathan, P.P. *see* Djokovic, I. 95521
Vaidyanathan, P.P. *see* Phoong, S.-M. 80461
Vaidyanathan, P.P. *see* See-May Phoong 95553
Vaidyanathan, P.P. *see* Soman, A.K. 84784
Vaidyanathan, P.P. *see* Soman, A.K. 95128
Vaidyanathan, P.P. *see* Tsuhan Chen 74191
Vaidyanathan, P.P. *see* Yuan-Pei Lin 95576
Vaidyanathan, R., El-Halwagi, M. Global optimization of nonconvex nonlinear programs via interval analysis 69774
Vaihinger, S. *see* Schweizer-Berberich, P.-M. 58884
Vaihinger, S. *see* Zhou, R. 66532
Vaijapurkar, S.G., Paturkar, R.T., Raman, R., Bhatnagar, P.K., Pandya, A., Roy, S.C. A neutron sensor based on superheated droplets 99027
Vail, D. *see* Woody, D. 58525
Vaillancourt, R. *see* Antimirov, M.Ya. 70190
Vaillant, R., Monrocq, C., Le Cun, Y. Original approach for the localisation of objects in images 84823
Vainakht, M., Martin, G., Tarakanov, E.A., Yushin, N.K. Ferroelectric actuators with precise monitoring of displacement 56170
Vainberg, I.A. *see* Kozlov, V.P. 55014
Vainer, V.V., Ivanova, I.G., Kalinchenko, G.A., Sem, M.F. Progress in the development of a three-color cadmium-vapor laser with discharge in a hollow cathode 63634
Vainer, V.V., Ivanov, I.G., Kalinchenko, G.A., Sem, M.F. Output characteristics and excitation mechanism of multiline He-Cd^+ hollow-cathode laser 94351
Vainikainen, P. *see* Nyfors, E. 87170
Vainio, O., Ovaska, S.J. Tachometer signal smoothing with analog discrete-time polynomial estimators 68929
Vainio, O. *see* Pasanen, J. 76212
Vainio, O. *see* Raita-Aho, T. 88489
Vainos, N.A. *see* Mailis, S. 94680
Vainshtein, P.G. *see* Timoshenko, V.D. 69087
Vainshtein, S.N., Kilpela, A.J., Kostamovaara, J.T., Myllyla, R.A., Starobinets, S.U., Zhilyaev, J.V. Multistreamer regime of GaAs thyristor switching 81846
Vaisey, J. *see* Moulding, D. 64678
Vaisey, J. *see* Lee, C.E. 85152
Vaishampayan, S.V., Sharma, K.C. Constants of motion of a general space vehicle 88629
Vaishampayan, V. *see* Ramirez, E. 85056
Vaissiere, J.C. *see* Varani, L. 62155
Vaitkus, J., Capon, J., Kazukauskas, V., Kiliulis, R., Storasta, J., Vanfleteren, J., Zindulis, A. Photoconductivity peculiarities in CdSe field transistor layer 82801
Vaitkus, J. *see* Kazukauskas, V. 62159
Vajda, F. Texture segmentation and morphological texture description 51726
Vajda, F., Della Torre, E. Remanence loop asymmetry and moving-type Preisach models 50287
Vajda, F., Della Torre, E. Experimental Preisach analysis of the Wohlfarth relation 63239
Vajda, F., Fejes, S. Efficient morphology architecture 75879
Vajda, F. *see* Pardavi-Horvath, M. 50253
Vajda, I. Code constructions for code division multiple access channels 64995
Vajda, I. *see* Bencze, L. 56285
Vajdea, V. *see* Vijdea, A.-M. 77693
Vajnovszki, V., Pallo, J. Generating binary trees in A-order from codewords defined on a four-letter alphabet 69741
Vajpayee, S.Kant *see* Kant Vajpayee, S.
Vakhania, N.N. On boundary value problems for the hyperbolic case 91386
Vakharia, A.J. *see* Askin, R.G. 79268
Vakhrusehin, Yu.P. *see* Demsky, M.I. 67022
Vakhshoori, D. Symmetry considerations in vertical-cavity surface-emitting lasers: Prediction of removal of polarization isotropicity on (001) substrates 72850
Vakhshoori, D., Hong, M., Asom, M., Kojima, K., Leibenguth, R.E., Wynn, J.D. 980 nm zone lasers [InGaAs quantum wells] 94515
Vakhshoori, D., Hong, M., Asom, M., Leibenguth, R.E., Mannaerts, J.P., Wynn, J.D. Zone lasers 72832
Vakhshoori, D. *see* Hong, M. 55648
Vakhshoori, D. *see* Hong, M. 56770
Vakhshoori, D. *see* Hong, M. 81480
Vakhtin, D.N. *see* Kuznetsov, A.V. 67357
Vakil, F. A capacity allocation rule for ATM networks 74637
Vakman, D. Dynamic flicker frequency modulation and noise instability of oscillators 55157
Vakman, D. Computer measuring of frequency stability and the analytic signal 87417
Vakser, B.D., Nindra, B.S. Insulation problems in high voltage machines 60162
Vakula, S. *see* Adami, M. 59250
Vakulenko, B.F., Belousov, M.P. Development of the design and technology for manufacturing large low-pressure surface heaters for steam turbine installations at thermal and nuclear power stations 89664
Val, C.M. A worldwide view of 3D interconnection: bare chip stacking/package stacking 81108
Val, D.Del *see* Del Val, D.
Val, J.B.Ribeiro do *see* Ribeiro do Val, J.B.
Val, J.Du *see* Du Val, J.
Val, T., Misson, M.J. Multipath redundancy induced by the emitter/receiver distribution for overlapping coverage in an infrared wireless communication area 52092
Valacich, J.S., Mennecke, B.E., Wachter, R.M., Wheeler, B.C. Extensions to media richness theory: a test of the task-media fit hypothesis 52044
Valadas, R.T., de Oliveira Duarte, A.M. Collision detection methods for hybrid (coaxial/infrared) wireless LANs 52091
Valatkevicius, P., Kezelis, R., Mecius, V., Vileisis, A. The specific behaviour of an electric-arc under high flow-rates of air 90640
Valbuena, R. *see* Jung, R. 76463
Valcher, M.E., Fornasini, E. On 2D finite support convolutional codes: an algebraic approach 57393
Valcher, M.E. *see* Fornasini, E. 95107
Valdes, F. *see* Abraham, R.G. 84718
Valdes, V.S., McKinney, W.R., Palmer, C. The differential method for grating efficiencies implemented in Mathematica 88280

Valdez, C., Yamamoto, H. On the performance of TCM with channel state information in frequency flat Rayleigh mobile channels 64261
Valdiguie, P. *see* Cambus, J.P. 87003
Valdimarsson, E. Blocking in multirate interconnection networks 57949
Valdimarsson, E. General purpose simulation tool for analyzing switching systems 74769
Vale, L.R. *see* Berkowitz, S.J. 82352
Vale, L.R. *see* Goodrich, L.F. 72202
Vale, L.R. *see* Reintsema, C.D. 93949
Vale, Z.A., Machado e Moura, A. Fault detection and emergency control in power systems 59729
Valehrachova, D. *see* Simek, J. 61785
Valeiko, M.V., Vetoshko, P.M., Kononov, R.I., Perlov, A.Ya., Toporov, A.Yu., Sharonov, M.Yu. Magneto-optical visualizer of strong magnetic fields 98269
Valencia, J.E. *see* Moss, C.E. 88318
Valencia, J.E. *see* Moss, C.E. 98615
Valent, F., Huttner, L., Jurcacko, L. Influence of extinction device of the low-voltage circuit breaker on limiting of short circuit current 90291
Valent, G. *see* Ciccarella, G. 85866
Valente, E. *see* Farilla, A. 52772
Valente, F. *see* Mehta, A. 54509
Valentin, A. *see* Henry, A. 63818
Valentin, D., Abdi, H., O'Toole, A.J., Cottrell, G.W. Connectionist models of face processing: a survey 84635
Valentin, J.-P., Abboud, B., Delaite, R. Characteristics of heated sensors emitting by radiation only 52804
Valentin, M., Filiatre, C. Application of the impedance transformation on transmission lines to electrochemical microbalance 87564
Valentin, M. *see* Filiatre, C. 87156
Valentin, R. *see* Bogenfeld, E. 75745
Valentine, E. *see* Sturtevant, J. 71515
Valentine, J.D. *see* Guru, S.V. 88325
Valentine, R. *see* Baum, J. 78987
Valentine, T. *see* Astley, S. 59271
Valentini, J.J. *see* Black, J.F. 72707
Valentini, J.J. *see* Black, J.F. 82962
Valentino, G.J. Shared-memory networks: description, history, and candidate as a future avionics architecture 59465
Valentino, G.J. Shared-memory networks: description, history, and application in real-time systems 96690
Valentinuzzi, E. Direct finite element computation of dispersion parameters of optical waveguides 72396
Valenza, M. *see* Berthier, P. 56018
Valenza, M. *see* Hoffmann, A. 71640
Valenza, M. *see* Kenter, A. 59233
Valenzano, A. *see* Marsan, M.A. 74991
Valenzuela, A.A. *see* Hubner, H. 63286
Valenzuela, G.R. *see* Jansen, R.W. 77427
Valenzuela, G.R. *see* Marmorino, G.O. 99284
Valenzuela, H.M. *see* Bose, N.K. 85004
Valenzuela-Benavides, J. An X-Y scan generator for a scanning tunneling microscope 87059
Valera, J.D., Jones, J.D.C. Phase stepping in fiber-based speckle shearing interferometry 76051
Valerio, M., Moser, L.E., Melliar-Smith, P.M. Classic squares and broadcast squares 96392
Valero, J.-L. *see* Desnos, Y.-L. 77242
Valet, T. *see* Maillot, C. 72497
Valette, M. *see* Berthoud, G. 89522
Valette, S. *see* Mottier, P. 50557
Valev, V. A model-based image quantization technique for supervised image recognition 85171
Vali, G. *see* Pazmany, A. 88783
Vali, G. *see* Pazmany, A.L. 77405
Vali, G. *see* Pazmany, A.L. 77414
Valiant, L. *see* Kearns, M. 64275
Valicenti, R.A., Lenz, J., Okay, N.C., Plesea, L., Saadatmand, K. Mechanical integration of an RF volume source and einzel lens LEBT to the SSC RFQ 76525
Valiev, S.H. *see* Bakiev, A.M. 94679
Valieva, L.Sh. *see* Golovanov, A.P. 60086
Valioullova, Z.Kh. *see* Guseva, M.B. 70082
Valkar, S. *see* Appuhn, R.D. 98542
Valkeapaa, T. *see* Janik, D. 86835
Valkiers, S. *see* Basile, G. 86982
Valkiers, S. *see* De Bievre, P. 86970
Valkiers, S. *see* De Bievre, P. 86980
Valkiers, S. *see* Seyfried, P. 86967
Valko, P. *see* le Grand, J.B. 67410
Valkov, A.E. *see* Dolinsky, A.V. 87852
Valkovic, Z. Effect of electrical steel grade on transformer core audible noise 63161
Valla, M.I. *see* Buja, G.S. 69092
Valla, M.I. *see* Buja, G.S. 90519
Valla, M.I. *see* Solsona, J. 89874
Vallabhan, C.P.G. *see* Philip, A. 73042
Vallabhan, C.P.G. *see* Rajasree, K. 76012
Vallabhan, C.P.Girija *see* Girija Vallabhan, C.P.
Vallage, B. Results from SiCAL, the new Aleph small-angle luminosity calorimeter 59089
Vallance, I. Customers must be the industry's driving force [telecommunication industry] 51884
Valle, A. *see* Mirasso, C.R. 50843
Valle, J.L. *see* Gordon, S.J. 88352
Valle, L., Rivas, F., Catedra, M.F. Combining the moment method with geometrical modelling by NURBS surfaces and Bezier patches 51078
Valle, M., Cornero, M., Nateri, G., Caviglia, D.D., Briozzo, L. A VHDL-based design methodology: the design experience of a high performance ASIC chip 92256
Valle, M. *see* Caviglia, D.D. 55358
Valle, N. *see* della Corte, A. 82441
Vallee, R. About Wiener's generalized harmonic analysis 95441
Vallee, R., Drolet, D. Practical coupling device based on a two-core optical fiber 82575
Vallee, R. *see* Essiambre, R.-J. 56824
Vallee, R. *see* Xu, S. 63405
Vallery, R.S. *see* Gidley, D.W. 81162
Valles, A.F. Designed-in PCB stiffening combines rigidity with performance 49708
Vallet, M., Nam Huu Tran, Tanguy, P., Le Floch, A., Bretenaker, F. Ring-laser gyro with spatially resolved eigenstates 83198
Vallet, P. *see* Nguyen, H.N. 49217
Vallet, P. *see* Nguyen, H.N. 91758
Vallet, R. *see* Ghassan Kawas Kaleh 74035
Valley, R.W.La *see* La Valley, R.W.
Valli, G. *see* Coppini, G. 57788
Vallier, J.C. *see* Aubert, G. 83533
Vallier, L. *see* Templier, F. 48981
Vallmitjana, S. *see* Carnicer, A. 57666
Vallmitjana, S. *see* Juvells, I. 95726
Vallmitjana, S. *see* Montes-Usategui, M. 57664
Valo, H. *see* Lokberg, O.J. 83353
Valor, E. *see* Coll, C. 53525
Valor, L. *see* Montejo-Garai, J. 70722
Valova, E. Electroless chemical deposition of NiP coatings onto Si and InSb 70070
Valsa, J. LTP — a tutorial program for analysis of linear two-ports 49054
Valster, A. *see* Barry, N.P. 94409
Valster, A. *see* Cornelissen, H.J. 83413
Valstyn, E.P., Huang, H. An extended, dynamic 'transmission-line' model for thin-film heads 50259
Valtchev, V., Kapadia, S., Young, S.J. Recurrent input transformations for hidden Markov models 84031
Valtchev, V. *see* Kapadia, S. 84076
Valtierra, H. *see* Susanto, A. 89373
Valtriani, L. *see* Bregni, S. 74831
Valtriani, L. *see* Bregni, S. 97836
Valtriani, L. *see* Manzalini, A. 51954
Valverde, C.R., Stilwell, R.K., Russo, A.A., McKnight, T.R. The S-band Beacon Receiver for the Midcourse Space Experiment 59643
Valverde, C.R. *see* Jensen, J.R. 59506
Valverde, J.L. *see* Crotty, I. 67347
Valyanskii, S.I. *see* Alimov, O.A. 87330
Vaman, D. *see* Burr, W.E. 58141
Vaman, D. *see* Xiaomei Qian 58143
Vaman, D.R., Xuedao Gu, Kumar, S., Xiaomei Qian, Oser, T.M. A flow control strategy for ATM networks based on a unified performance parameter 85251
Vampouille, M. *see* Colombeau, B. 83023
Van Achter, D. Routing approaches for remote LAN bridging over SMDS using the spanning tree 58176
Van Aerle, N.A.J.M. A tool to evaluate the liquid-crystal-aligning properties of rubbed polymer orientation layers for LCDs 82738
Van Allen, R.L. *see* Shirley, P.S. 59479
van Alphen, D.K., Lindsey, W.C. Higher-order differential phase shift keyed modulation 51308
Van Alstine, R.G. *see* Yi Lu 68142
van Amerongen, R.A.M. *see* Rooijers, F.J. 89555
van Amersfoort, P.W. *see* Bakker, R.J. 72937
van Ammel, A. *see* Caymax, M. 48921
van Ammel, A. *see* Caymax, M. 48922
van As, H.R. Media access techniques: the evolution towards terabit/s LANs and MANs 52168
van As, H.R. Photonic terabit/s networks and their key components 52478
Van As, H.R., Lemppenau, W.W., Schindler, H.R., Zafiropulo, P. CRMA-II a MAC protocol for ring-based Gb/s LANs and MANs 51853
van As, H.R. *see* Lemppenau, W.W. 52099
Van Ausdal, A.W. *see* Fritz, M.E. 65824
van Ausdeln, L. *see* Barakat, M. 98712
Van Baak, D.A. An improved way to use thermistors in temperature servomechanisms 66279
Van Baak, D.A., Hollberg, L. Proposed sum-and-difference method for optical-frequency measurement in the near infrared 98328
van Baars, G.E., Bongers, P.M.M. Wind turbine control design and implementation based on experimental models 78520
van Baars, G.E., Mosterd, H., Bongers, P.M.M. Extension to standard system identification of detailed dynamics of a flexible wind turbine system 89767
van Baars, G.E. *see* Bongers, P.M.M. 100047
Van Barel, M., Bultheel, A. Discrete linearized least-squares rational approximation on the unit circle 69828
Van Bavel, N. *see* McCaslin, S. 95460
Van Beckhoven, D. *see* Decreton, M. 72533
Van Beek, G. *see* Aoki, S. 53304
Van Berg, R. *see* Ekenberg, T. 70664
Van Berg, R. *see* Gerds, E.J. 59203
Van Berg, R. *see* Gerds, E.J. 80500
Van Berg, R. *see* Newcomer, F.M. 67375
Van Berkel, C.A.M., Van Eijndhoven, S.J.L. Convolution integral equations with Gegenbauer function kernel 69887
van Berkel, K., Burgess, R., Kessels, J., Peelers, A., Roncken, M., Schalij, F. A fully-asynchronous low-power error corrector for the DCC player [CMOS technology] 97735
Van Berkel, K., Burgess, R., Kessels, J., Roncken, M., Schalij, F., Peeters, A. Asynchronous circuits for low power: a DCC error corrector 55048
van Beynhem, R.H. *see* van der Woerd, A.C. 80093
van Biesen, L. *see* Boets, P. 97827
Van Biesen, L.P. A case study for PC-based expert systems using computer-controlled measurement instruments 75841
Van Bockstal, L., Askenazy, S., Herlach, F., Schneider-Muntau, H.-J. Analytical results for the pulsed operation of high field constant stress coils 83544
van Bockstal, L., Heremans, G., Li Liang, Herlach, F. The development of high performance pulsed magnets at the Katholieke Universiteit Leuven 83535
Van Bockstal, L., Herlach, F., Askenazy, S. Analytical expressions for the optimised radial distribution of internal reinforcement in high magnetic field coils 83545
Van Bockstal, L. *see* Asano, T. 83560
Van Bockstal, L. *see* Asano, T. 83569
Van Bockstal, L. *see* Campbell, L.J. 83552
Van Bockstal, L. *see* Heremans, G. 82444
Van Bockstal, L. *see* Herlach, F. 82292
van Bockstal, L. *see* Leadley, D.R. 81280
Van Bockstal, L. *see* Machel, G. 83572
Van Bockstal, L. *see* Nikulin, A.D. 83563
Van Bockstal, L. *see* Pernambuco-Wise, P. 83553
Van Bogart, J. *see* Vos, M. 72151
van Bokhoven, W.M.G. *see* Kevenaar, T.A.M. 48740
Van Brunt, R.J. Physics and chemistry of partial discharge and corona. Recent advances and future challenges 93754
Van Brussel, H. *see* Demeester, F. 58729
Van Buren, A.L. *see* Luker, L.D. 77742
Van Buskirk, P.C., Gardiner, R., Kirlin, P.S., Krupanidhi, S.B. MOCVD growth of $BaTiO_3$ in an 8″ single-wafer CVD reactor 54949
Van Caillie, B. *see* Delogne, P. 84762
Van Calster, A., De Baets, J., De Cubber, A.M., De Smet, H., Capon, J., Vanfleterer, J., Farrell, J., Westcott, M. Thin film technologies for high density active matrix addressed displays 98203
van Calster, A., Vanfleteren, J., Capon, J., de Baets, J., de Rycke, I., de Smet, H., Doutreloigne, J. CdSe thin film transistors for the addressing of liquid crystal displays 93427
Van Campenhout, J. *see* Van Marck, H. 82865
Van Canneyt, M. *see* Genin, D. 70652
Van Cauwenberghe, A. *see* Dumortier, F. 53887
Van Cleave, D. *see* Hary, S. 59641
Van Cleemput, M. *see* Jones, H. 82504
Van Cleynenbreugel, J. *see* Bellon, E. 85614
Van Compernolle, D. *see* Le Cerf, P. 73823
Van Compernolle, D. *see* Smolders, J. 84122
Van Conant, R. *see* Andresen, J. 88067
Van Cuylenburg, A. Network interconnect in New Zealand 96309
van Daalen, M., Zhao, J., Shawe-Taylor, J. Real time output derivatives for on chip learning using digital stochastic bit stream neurons 92445
Van Daele, M., Vanden Berghe, G., De Meyer, H. A smooth approximation for the solution of a fourth-order boundary value problem based on nonpolynomial splines 91345
Van Daele, P. *see* Blondelle, J. 94289
van Daele, P. *see* Moerman, I. 83086
van Dam, C. *see* Bouda, M. 94144
van Dam, H. *see* Ciftcioglu, O. 64494
van Dam, K., Moulsley, T.J. Extension of Dempster-Shafer theory and application to fault diagnosis in communication systems 85214
Van de Capelle, A.R. *see* An, H. 83853
van de Geijn, J. *see* Nath, R. 77051
van de Geijn, R. *see* Barnett, M. 58041
van de Geijn, R. *see* Barragy, E. 54796
Van de Geijn, R. *see* Cwik, T. 51062
van de Geijn, R. *see* Henry, G. 54770
van de Gevel, M., Kuenen, J.C. Simple low-voltage weak inversion MOS 1/x circuit 93664
Van de Goor, A.J., Schanstra, I., Zorian, Y. Fault models and tests for Ring Address Type FIFOs 49444
Van de Goor, A.J., Smit, B. Automating the verification of memory tests 49446
van de Goor, A.J., Zorian, Y., Schanstra, I. Functional tests for ring-address SRAM-type FIFOs 49416
van de Goor, A.J. *see* Klass, F. 70363
Van de Goor, A.J. *see* Van Der Linden, J.Th. 49377
van de Griend, A.A., Owe, M. The influence of polarization on canopy transmission properties at 6.6 GHz and implications for large scale soil moisture monitoring in semi-arid environments 77530

van de Griendt, M.A.J., van Someren Greve, S.C., Merten, L., Kartmann, U. Correction techniques for high performance antenna measurements 57225
van de Griendt, M.A.J., Vokurka, V.J. Polarisation grids for application in compact antenna test ranges 57302
Van de hove, L. *see* Pforr, R. 71461
van de Kamp, D.W. *see* Barth, M.F. 88778
van de Kamp, D.W. *see* Miller, P.A. 99185
van de Kamp, M.M.J.L., Smits, E.J.M., Herben, M.H.A.J., Brussaard, G. Experimental verification of existing rain depolarisation models 57118
van de Kamp, W.L. *see* Smart, J.P. 78419
van de Laar, F., Philips, N., Olde Dubbelink, R. General-purpose and application-specific design of a DAB channel decoder 52683
van de Liefvoort, A., Tehranipour, A. On a single server queue with non-renewal input 91210
van de Liefvoort, A. *see* Medhi, D. 52236
van de Plassche, R. *see* Vorenkamp, P. 92323
van de Roer, T.G. *see* Petrescu-Prahova, I.B. 94539
van de Stadt, H. *see* de Lange, G. 50411
van de Stadt, H. *see* de Lange, G. 55400
Van De Steeg, M., Daemen, N., Huinink, W., Korthout, L., Peek, H., Stekelenburg, M. 16:9 aspect ratio for broadcast applications and its consequences for new CCD imagers 87284
van de Ven, J. *see* Boonekamp, E.P. 71334
van de Vlag, H.A.B., Awater, G.A. Exact computation of time and call blocking probabilities in multi-traffic circuit-switched networks 64940
Van de Voorde, N.E., Michelena, E.D. WSD/barometric test buoys deployed in the Gulf of Mexico 99169
Van de Walle, C.G. *see* Nickel, N.H. 55549
Van De Water, W. *see* Herweijer, J.A. 58656
Van de Werf, F. *see* Bijnens, B. 59284
van de Wiel, P. *see* Budde, W.O. 55205
van de Wiele, F. *see* Colinge, J.P. 93473
Van de Wiele, F. *see* Francis, P. 55984
van Deemter, J.H., Mastebroek, H.A.K. A neural network solution for the correspondence problem 64752
van den Berg, A., van der Wal, P.D., van der Schoot, B.H., de Rooij, N.F. Silicon-based chemical sensors and chemical analysis systems 66233
van den Berg, A. *see* Fiaccabrino, G.C. 66259
van den Berg, A. *see* van der Wal, P.D. 58672
van den Berg, F.D., Hartjes, F.G., Schmitz, J., Udo, F., de Winter, A.R., Dutrieue, B., Vander Velde, C. Study of inclined particle tracks in micro strip gas counters 98523
van den Berg, G.V.J., Hesdahl, P.B., Kluizenaar, F.A. From strength to strength: the SOPHO-S progresses [ISPBX] 75154
van den Berg, H. *see* Vieth, M. 75953
van den Berg, J.L. *see* Aalto, S. 65527
van den Berg, P.M. *see* Kleinman, R.E. 83605
van den Berg, P.M. *see* Zwamborn, P. 51053
van den Berg-Lenssen, M.M.C., van Gisbergen, J.A.M., Jervis, B.W. Comparison of two methods for correcting ocular artefacts in EEGs 98885
van den Berge, D.J. *see* Bastiaansen, H.J.M. 94150
van den Bergh, S. *see* Abraham, R.G. 84718
van den Bogaard, A. *see* Hijzen, E.A. 88030
van den Bogaard, A. *see* Hijzen, E.A. 88122
van den Bogaard, A. *see* Hijzen, E.A. 98571
van den Bogaard, A. *see* van der Marel, J. 88017
van den Boogaard, A. *see* Schooneveld, E.M. 88028
van den Boom, P.A. *see* van der Vleuten, R.J. 75750
Van den Boomgaard, R. *see* Dorst, L. 73984
Van den Bos, A. Measurement: identification, model based measurement, statistics 75814
Van Den Bos, A. Parametric statistical model-based measurement 86819
Van Den Bosch, A., Luyckx, G., Grace, N.V. Possibilities and difficulties with the use of conductive adhesives as solder replacement 92710
Van Den Bosch, B. *see* Bellon, E. 88473
Van den Bosch, G. *see* Bellens, R. 50005
Van den bosch, G. *see* Simoen, E. 71773
van den Bosch, J. *see* Green, R.O. 77634
van den Bosch, P.J., ter Brake, H.J.M., van den Eijkel, G.C., Boelens, J.P., Holland, H.J., Verberne, J.F.C., Rogalla, H. Thermodynamics of a closed-cycle gas flow system for cooling a high-T_c DC-SQUID magnetometer 98763
Van Den Bosch, P.P.J. *see* Gorter, R.J. 60240
van den Bosch, P.P.J. *see* Gorter, R.J.A. 100138
van den Bosch, P.P.J. *see* Veltman, A. 100849
Van Den Bossche, G. *see* Manivannan, G. 57006
Van Den Bossche, J., de Visschere, P., Neyts, K.A., Corlatan, D. Effect of texturised glass on the light trapping in thin film electroluminescent devices 76123
Van den Bossche, J. *see* Neyts, K.A. 63587
Van den Brande, F. *see* Van Landegem, T. 96423
van den Branden Lambrecht, C., Karrakchou, M. Subband adaptive filtering: The mutual wavelet packets approach 84278
van den Brink, A. *see* Bootsma, T.M.V. 98638
van den Brink, R.F.M. Improved lightwave synthetic noise generator using noise injection and triangular modulation 52602
van den Brink, R.F.M. *see* de Blok, C.M. 52514
Van den Broeck, T., Pintelon, R., Barel, A. Design of a microwave multisine source using allpass functions estimated in the Richards domain 98176
Van den Broeck, T., Verspecht, J. Calibrated vectorial nonlinear-network analyzers 87485
van den Broek, J.G., Weatherburn, H. Re-evaluation of a radiation protection cost benefit analysis study in brachytherapy 59429
van den Eijkel, G.C. *see* van den Bosch, P.J. 98763
van den Elsen, P.A. *see* Hemler, P.F. 76949
Van Den Heever, D.A. *see* West, J.D.K. 97138
Van den Hof, P.M.J. *see* de Callafon, R.A. 86808
van den Horn, B.A. *see* Seebregts, A.J. 89774
Van den hove, L. *see* Goethals, A.M. 81647
Van den hove, L. *see* Op de Beeck, M. 82060
Van den Hove, L. *see* Ronse, K. 55841
Van den hove, L. *see* Ronse, K. 71462
Van den Putte, M. *see* Spooner, N.J.C. 59151
van den Vlekkert, H.H. *see* Brzozka, Z. 58665
van den Wijngaart, R.A., Blok, K., van Wijk, A.J.M. Sector analysis of the Dutch electricity load shape 68155
Van der Auweraer, M., De Schryver, F.C., Borsenberger, P.M., Bassler, H. Disorder in charge transport in doped polymers 56518
Van der Biest, O. *see* Janssens, K.G.F. 81408
van der Burg, G. *see* Looyen, W.J. 77618
van der Burgt, J. *see* Sloot, J. 90238
van der Burgt, M. *see* Jones, H. 82504
van der Cruijs, P. *see* Maass, H. 75242
van der Donk, A.G.H., Scheeper, P.R., Olthius, W., Bergveld, P. Modelling of silicon condenser microphones 52805
Van der Donk, A.G.H. *see* Scheeper, P.R. 87071
van der Drift, E. *see* Bakker, S.J.M. 63294
van der Drift, E. *see* Sohn, L.L. 50428
van der Duyn Schouten, F.A., Wartenhorst, P. Transient analysis of a two-unit standby system with Markovian degrading units 48729
van der Einden, W.T.A. *see* Dekker, R. 93580
Van Der Feltz, G. *see* Mullikin, J.C. 76070
van der Fluit, J.P. Overview of emerging broadband technologies 58036
Van der Gaag, B.P. *see* Jong-In Song 92555
Van Der Gaag, B.P. *see* Palmstrom, C.J. 61276
van der Geer, G., van der Vlugt, M. On generalized Hamming weights of BCH codes 73710
van der Goes, F.M.L., Meijer, G.C.M. A simple and accurate dynamic voltage divider for resistive bridge transducers 97963
van der Gracht, J. Simulation of partially coherent imaging by outer-product expansion 64848
van der Harst, H., Raineri, S. Managing the intelligent network 85933
van der Heide, J.A., Rubingh, M.J.A., Kleeven, W.J.G.M., Botman, J.I.M., Timmermans, C.J., Hagedoorn, H.L. Calculations and model measurements for the Euterpe cavity 67145
van der Hoeven, A. *see* van der Wolf, P. 91835
van der Horn, G. *see* Huijsing, J.H. 66281
van der Horst, T.J.J., Zweers, A. Environmentally oriented product development—various approaches to success 60899
van der Laag, P.C. *see* Jansen, D. 60152
van der Laan, J. *see* Maas, R. 87627
van der Laan, J. *see* Wu, Y. 87694
van der Laan, M.D. Robust sampling for process control 58657
van der Laan, P.C.T. *see* Wouters, P.A.A.F. 78119
Van Der Linden, J.Th., Konijnenburg, M.H., Van de Goor, A.J. Test generation and three-state elements, buses, and bidirectionals 49377
van der Linden, W.E. *see* Luo, J. 66261
van der Lingen, K. *see* de Jong, G.W. 58692
van der Lugt, H.J. *see* Boterenbrood, H. 59185
van der Marel, J., van den Bogaard, A., van Eijk, C.W.E., Hollander, R.W., Okx, W.J.C., Sarro, P.M. A silicon microstrip gas chamber 88017
van der Mark, M.B. *see* Larsen, P.K. 56105
van der Meer, A.F.G. *see* Bakker, R.J. 72937
van der Meijs, N.P. *see* Smedes, T. 55060
van der Merwe, D.F. *see* Hofsajer, I.W. 61513
van der Merwe, F.S. *see* de Kock, J.A. 60217
van der Merwe, F.S. *see* Jobing, R. 78857
van der Par, S.L.J.D.E.V.D., Ten Kate, W.R.T., Kohlrausch, A., Houtsma, A.J.M. Bit-rate saving in multichannel sound: Using a band limited channel to transmit the center signal 86648
van der Plaats, J.C. *see* Willems, F.W. 50764
Van der Plas, G. APON: an ATM-based FITL system 52537
van der Plas, G. *see* Steyaert, M. 97329
van der Poel, C.J. *see* Barry, N.P. 94409
Van Der Poel, C.J. *see* Cornelissen, H.J. 83413
van der Poel, C.J. *see* van Exter, M.P. 72991
van der Put, P.J. *see* Bath, A. 48983
van der Sanden, J.J. *see* Looyen, W.J. 77618
van der Schaaf, T.W. Near miss reporting in the chemical process industry: an overview 79224
van der Schoot, B.H. *see* Gass, V. 58742
van der Schoot, B.H. *see* Gass, V. 63109
van der Schoot, B.H. *see* van den Berg, A. 66233
van der Sijde, A.G. *see* Bosiers, J.T. 66077
Van Der Sijde, A.G. *see* Bosiers, J.T. 87283
van der Slot, P.J.M. *see* Zambon, P. 50888
van der Sluis, L., Rutgers, W.R. The comparison of test circuits with arc models 90297
van der Sluis, L., Sheng, B.L. The influence of the arc voltage in synthetic test circuits 90298
van der Sluis, L. *see* Jongepier, A.G. 78207
van der Spiegel, J. *see* Camp, W.O. 66341
Van der Spiegel, J. *see* Gerds, E.J. 59203
Van der Spiegel, J. *see* Gerds, E.J. 80500
Van der Spiegel, J. *see* Newcomer, F.M. 67375
Van der Spiegel, J. *see* Nishimura, M. 52846
Van der Stighelen, H. COSMOSS — an innovative approach to system development 65106
van der Tol, J.J.G.M. *see* Bastiaansen, H.J.M. 94150
van der Tweel, I. *see* van Oppen, A.C.C. 88508
van der Veen, E. *see* Bartelink, M. 89688
van der Vleuten, R.J., van Etten, W.C., van den Boom, P.A. Optimal controlled ALOHA for two-way data communication in a cable television network 75750
van der Vleuten, W. *see* Foxon, C.T. 54836
Van Der Vleuten, W.C. *see* Yoffe, G.W. 56779
van der Vlist, W. *see* Sarro, P.M. 66214
van der Vlugt, M. *see* van der Geer, G. 73710
van der Voort, C. *see* Decanniere, C. 95423
van der Vorst, C.P.J.M. *see* Mohlmann, G.R. 82880
van der Vorst, N.A. *see* Sleijpen, G.L.G. 61174
van der Wagt, J.P.A., Harris, J.S., Jr. Reflection high-energy electron diffraction intensity oscillations during molecular-beam epitaxy on rotating substrates 54882
van der Wagt, J.P.A. *see* Carnahan, R.E. 55865
van der Wagt, J.P.A. *see* Weckwerth, M.V. 55655
van der Wal, K., Dirksen, M., Brandt, D. Implementation of a police criterion calculator based on the leaky bucket algorithm 96131
Van der Wal, K., Van Loo, G.-J., Brandt, D., Dirksen, D. A versatile architecture for the design of UPC functions for ATM 85448
van der Wal, P.D., van den Berg, A., de Rooij, N.F. Universal approach for the fabrication of Ca^{2+}-, K^+- and NO_3^--sensitive membrane ISFETs 58672
van der Wal, P.D. *see* van den Berg, A. 66233
van der Walt, P.W. *see* Meyer, P. 83772
Van der Weg, W.F. *see* Stolk, P.A. 62200
van der Weide, D.W. Delta-doped Schottky diode nonlinear transmission lines for 480-fs, 3.5-V transients 80184
van der Weide, J., Nemanich, R.J. Influence of interfacial hydrogen and oxygen on the Schottky barrier height of nickel on (111) and (100) diamond surfaces 62312
van der Weiden, T.C.J. *see* Loois, G. 100895
van der Wel, W., Koster, R., Jansen, S., Bladt, E., Hurkx, F., Baltus, P. Poly-ridge emitter transistor (FRET): simple low-power option to a bipolar process 93582
van der Werf, J. *see* Bischoff, J. 71532
van der Wiel, M.J. *see* Varfolomeev, A.A. 53121
van der Wijk, A., Strating, G., Schelwald, P. Water as a solution for the removal of halogenated hydrocarbons in the production process of medium power diodes 54481
van der Woerd, A.C., Serdijn, W.A., van Beynhem, R.H., Janse, R.J.H. Low-power current-mode 0.9-V voltage regulator 80093
van der Woerd, A.C. *see* Serdijn, W.A. 88549
van der Wolf, P., ten Bosch, O., van der Hoeven, A. An enhanced flow model for constraint handling in hierarchical multi-view design environments 91835
van der Zalm, R.A.J. *see* Olthuis, W. 58669
van der Zant, H.S.J. *see* Berman, D. 82387
Van Dessel, M. *see* Johansson, T.B. 68665
Van Dessel, M. *see* Johansson, T.B. 78667
Van Deusen, A.L., Crist, C. High density data recording for SSCL linac 76439
van Deventer, M.O., Boot, A.J. Polarization properties of stimulated Brillouin scattering in single-mode fibers 63366
van Deventer, M.O., de Lignie, M.C., Nagel, H.G.L. Measurement of polarisation coupling length in cabled fibres 82619
van Deventer, M.O. *see* de Lignie, M.C. 86443
Van Dierendonck, A.J., Enge, P. RTCA SC-159 Wide Area Integrity Broadcast/Wide Area Differential GPS status 65982
Van Diest, M. *see* Moons, T. 74621
Van Diest, M. *see* Van Gool, L. 74615
Van Diggelen, F. GPS for GIS—a comparative survey 97492
van Diggelen, F., Brown, A. Mathematical aspects of GPS RAIM 65997
Van Dijk, J.D.P. *see* Schneider, C.J. 88533
van Dijk, J.W.E. *see* Julius, H.W. 88597
Van Domselaar, N., Suffern, K.G., Sinclair, I.D. A video editor for teaching and research in computer animation 66076
Van Dongen, R., Rikkink, V. Advanced analog circuit design on a digital Sea-of-Gates Array 49570
van Dongen, T. *see* Binsma, J.J.M. 56783
Van Dongen, T. *see* Thiis, P.J.A. 63778
van Dongen, T. *see* Tiemeijer, L.F. 50806

Van Doorn, A.J. *see* Koenderink, J.J. 57677
van Dordrecht, A. *see* Lemke, S. 67298
van Dordrecht, A. *see* Rando, N. 82355
van Dorsselaer, J.L.M., Hundsdorfer, W. Stability estimates based on numerical ranges with an application to a spectral method 79727
van Dorssen, G.E. *see* Kozhevnikov, I.V. 67409
van Dort, M.J., Lifka, H., Zalm, P.C., de Boer, W.B., Woerlee, P.H., Slotboom, J.W. New technique for measuring two-dimensional oxidation-enhanced diffusion in silicon at low temperatures 49850
van Dort, M.J., Lifka, H., Zalm, P.C., de Kruif, R.C.M., de Boer, W.B., Woerlee, P.H., Juffermans, C.A.H., Walker, A.J., Slotboom, J.W., Cowern, N.E.B. A high-resolution study of two-dimensional oxidation-enhanced diffusion in silicon 93121
van Drieenhuizen, B.P., Wolffenbuttel, R.F. Integrated micromachined accurate electrostatic true rms-to-dc converter 87105
van Drieenhuizen, B.P. *see* French, P.J. 87082
Van Driel, H.M. Optical parametric devices—on the threshold of success 73013
van Driel, H.M., Hache, A., Mak, G. Mid-to far-infrared femtosecond pulses 56850
van Driel, H.M. *see* Greiner, U.J. 56672
van Driel, H.M. *see* Walker, D.R. 72748
van Driel, H.M. *see* Zhou, X.Q. 62187
van Driel, M.A. Manufacturing parameters of large batch, small batch and single wafer cluster tools for poly-gate applications 62970
Van Driessche, I., Cattoir, S., Hoste, S. On the metal and oxygen content determination in Bi-2212 and Bi-2223 HTSC's 63270
Van Driessche, V. *see* Op de Beeck, M. 82060
Van Duppen, P. *see* Vermeeren, L. 98485
Van Duuren, M. *see* Adelerhof, D.J. 97907
van Duuren, M.J., Lee, Y.H., Adelerhof, D.J., Flokstra, J., Rogalla, H. Magnetometers based on (double) relaxation oscillation SQUIDs 66314
van Duyn, D.C. Modeling and simulation of solid-state transducers: the thermal and electrical energy domain 58720
Van Duzer, T. *see* Ghoshal, U. 91917
Van Duzer, T. *see* Luong, H.C. 92310
Van Dyck, C. *see* De Vlaminck, M. 68384
Van Dyck, O. *see* Donahue, J. 66950
Van Dyck, R.E., Rajala, S.A. Subband/VQ coding of color images with perceptually optimal bit allocation 57711
Van Dyck, R.E., Rajala, S.A. Subband/VQ coding of color images using a separable diamond decomposition 84845
Van Dyne, M., Tsatsoulis, C. Extraction and analysis of sea ice leads from SAR images 77428
Van Eck, J.L. *see* Glineur, J.L. 60548
Van Eck, J.L. *see* Glineur, J.L. 69122
van Eekelen, J. *see* Abel, A. 52522
van Eijk, A.M.J. *see* Cohen, L.H. 83405
van Eijk, C.W.E., Andriessen, J., Dorenbos, P., Visser, R. Ce^{3+} doped inorganic scintillators 88043
van Eijk, C.W.E., Dorenbos, P., Visser, R. Nd^{3+} and Pr^{3+} doped inorganic scintillators 98627
van Eijk, C.W.E. *see* Dorenbos, P. 59079
van Eijk, C.W.E. *see* Dorenbos, P. 98635
van Eijk, C.W.E. *see* Hijzen, E.A. 88030
van Eijk, C.W.E. *see* Hijzen, E.A. 88122
van Eijk, C.W.E. *see* Hijzen, E.A. 98571
van Eijk, C.W.E. *see* Hollander, R.W. 81165
van Eijk, C.W.E. *see* Okx, W.J.C. 59106
Van Eijk, C.W.E. *see* Schooneveld, E.M. 88028
van Eijk, C.W.E. *see* van der Marel, J. 88017
van Eijk, C.W.E. *see* van Sonsbeek, R. 88094
Van Eijndhoven, J.T.S. *see* Huijbregts, E.P. 49082
Van Eijndhoven, S.J.L. *see* Van Berkel, C.A.M. 69887
van Engelen, J.M.L. *see* Omta, S.W.F. 90843
van Esch, G. *see* Sneep, J. 66061
van Etten, W.C. *see* van der Vleuten, R.J. 75750
Van Eupen, M., Hill, R. An optimal ternary [69, 5, 45] code and related codes 57396
van Exter, M.P., Hendriks, R.F.M., Woerdman, J.P., van der Poel, C.J. Explanation of double-peaked intensity noise spectrum of an external-cavity semiconductor laser 72991
van Exter, M.P. *see* Kuppens, S.J.M. 63671
Van Eycken, L. *see* Deknuydt, B. 64690
Van Eycken, L. *see* Desmet, S. 64655
Van Eycken, L. *see* Nan Li 74370
Van Fleet, J., Flannery, S., Rura, J. Automated validation of operational flight programs (OFPs) and flight training simulators 88644
van Garderen, G. *see* Wu, Y. 87694
van Geelen, A., Bink, P.H.M., Giling, L.J. MOCVD waste gas treatment 91602
Van Gelder, I. *see* Note, S. 55187
Van Gelderen, M. *see* Schwarz, K.P. 65964
van Gemert, L. *see* van Gestel, H.C.J.M. 91011
van Gemert, L. *see* van Gestel, R. 91027
van Genderen, A.J. *see* Smedes, T. 55060
van Genderen, J.L. *see* Pohl, C. 74228
van Gentzkow, W., Rogler, W. Latest results with new halogen-free flame-retardant base materials 92679
van Gestel, H.C.J.M., van Gemert, L., Bagerman, E. On-chip piezoresistive stress measurement and 3D finite element simulations of plastic DIL 40 packages using different materials 91011
van Gestel, R., van Gemert, L., Bagerman, E. Package related reliability investigation with a multi-sensor chip 91027
Van Gestral, P.J., Roseboom, W. *(editors)* SRE Symposium Reliability: A Competitive Edge 79130
Van Gils, R.A.J.C.M., Tomesen, M.T., Depovere, G.F.G. 2.5 Gbit/s CPFSK system with low central IF 75392
van Gils, R.A.J.C.M. *see* Hooijmans, P.W. 86445
Van Ginderdeuren, J., Emmers, E., Knapen, G., Tielen, J. SPS, a powerful PC-based environment for real-time digital audio signal processing with applications 75781
van Ginneken, L.P.P.P. *see* Brand, D. 92055
van Ginneken, L.P.P.P. *see* Mains, R.E. 92262
van Gisbergen, J.A.M. *see* van den Berg-Lenssen, M.M.C. 98885
Van Gool, L., Moons, T., Van Diest, M., Pauwels, E. Matching perspective views of parallel plane structures 74615
Van Gool, L. *see* Moons, T. 74621
Van Graas, F., Diggle, D.W., Hueschen, R.M. Interferometric GPS flight reference/autoland system: flight test results 88655
Van Grieken, C., Sansen, W. A testset for automatic characterisation of opamps in the frequency domain 49193
van Groenou, A.B. *see* Zieren, V. 75796
Van Groos, P.J.M., Steinbuch, M., Bosgra, O.H. Robust control of a compact disc player 58610
Van Gulik, J. *see* Eldride, M. 89429
van Haaren, J.A.M.M., Hartmann, W.J.A.M., Verhulst, A.G.H. Switching on stray electric fields in ferroelectric liquid crystal cells 53001
van Halderen, A. *see* Kerkhof, K. 58170
Van Halen, P. Modeling test and measurement equipment for simulated testing: bridging the gap between simulation and reality 66116
Van Halen, P., Habib, M.H. A new model for the p-n junction space charge region capacitance 55636
van Hall, P.J. *see* Christianen, P.C.M. 62313
Van Hamme, H., Vanden Bossche, M. Flexible vector network analyzer calibration with accuracy bounds using an 8-term or a 16-term error correction model 75825
Van Harlingen, D.J. *see* Klemm, R.A. 82394
Van Harlingen, D.J. *see* Kruse, J. 98286
Van Harlingen, D.J. *see* Wollman, D.A. 63299
van Harmelen, G.L. Computational load research for demand-side management options in the domestic sector 99483
Van Hauwermeiren, L. *see* Dumortier, P. 64962
van Hecke, H., Fields, D.E., Boissevain, J., Jacak, B.V., Sondheim, W., Sullivan, J.P., Willis, W.J., Noteboom, E., Peters, P.M. A spot imaging Cherenkov counter 67350
van Hecke, H. *see* Fields, D.E. 98522
Van Hecke, P. *see* Decanniere, C. 95423
van Heek, A.I. Increasing the power of the high temperature reactor module 89547
van Heerden, S.P. *see* Prinsloo, F.J. 94319
Van Heesch, E.J.M., Lemmens, R.H.P., Franken, B., Ptasinski, K.J., Geurts, F.L.S. Pulsed corona for breaking up air bubbles in water 63063
van Herle, J., McEvoy, A.J. Oxygen diffusion through silver cathodes for solid oxide fuel cells 60428
van Herle, J. *see* Murphy, M.M. 78808
van Herwaarden, A.W., Sarro, P.M., Gardner, J.W., Bataillard, P. Liquid and gas micro-calorimeters for (bio)chemical measurements 66507
van Herwaarden, A.W. *see* Sarro, P.M. 66214
van Hoof, C., Genoe, J., Raymond, S., Borghs, G., Yan, Z., Goovaerts, E. Bipolar charge transport in triple-barrier AlAs/GaAs resonant tunneling light-emitting diodes 94285
van Hoogstraten, P. SG tube identification. Is that a problem? 78328
Van Hoose, L. *see* Jochem, W.J. 75867
Van Hoose, L. *see* Kizakevich, P.N. 77013
Van Horn, I. *see* Baugher, M. 65236
Van Houdt, J. Personal telecooperation assistance 85429
Van Houdt, J., Wellekens, D., Faraone, L., Haspeslagh, L., Deferm, L., Groeseneken, G., Maes, H.E. A 5 V-compatible flash EEPROM cell with microsecond programming time for embedded memory applications 80326
Van Houten, H. *see* Beenakker, C. 72246
van Houten, J.M., Herben, M.H.A.J. Analysis of a phase-correcting Fresnel-zone plate antenna with dielectric/transparent zones 73476
van Houwelingen, D. *see* Janssen, H.H.J.M. 90644
van Hove, J. *see* Bobel, F.G. 54912
van Hove, J.M., Chow, P.P., Rosamond, M.F., Carpenter, G.L., Chow, L.A. Carbon doping by a compact electron beam source 55728
Van Hove, J.M., Wowchak, A.M., Carpenter, G.L., Chow, P.P., Chow, L.A. Analysis of growth parameters and strain in GaInSb/InAs superlattices 91519
Van Hove, M. *see* Watte, J. 81807
Van Hove, T. *see* Rocken, C. 59550
Van Hove, T. *see* Ware, R. 59537
Van Huffel, S. *see* Decanniere, C. 95423
van Kampen, H.S.M., Dieperink, I. The availability of the sour gas production of the North East and South East Drenthe and Twente gas fields and the factors influencing the availability of the Gas Zuiverings Installatie (GZI) at Emmen 79495
van Kampen, R.P., Vellekoop, M.J., Sarro, P.M., Wolffenbuttel, R.F. Application of electrostatic feedback to critical damping of an integrated silicon capacitive accelerometer 66240
van Kann, F.J., Buckingham, M.J., Edwards, C., Matthews, R. Performance of a superconducting gravity gradiometer 50402
van Kemenade, A.J., Herve, P., Vandamme, L.K.J. 1/f noise in the extinction coefficient of an optical fibre 72344
van Kerkhof, J.C., Eijkel, J.C.T., Bergveld, P. ISFET responses on a stepwise change in electrolyte concentration at constant pH 58861
van Kerrebroeck, P.E.V. *see* Rijkhoff, N.J.M. 67606
van Kerrebroeck, P.E.V. *see* Rijkhoff, N.J.M. 88524
Van Kley, E.R. Data smoothing algorithm 65965
Van Klinken, J. *see* Schooneveld, E.M. 88028
van Kooten, M., de Haan, S., Lodder, J.C., Popma, T.J.A. Magnetization processes in Co-Cr submicron samples: Hall measurements and micromagnetic simulations 63211
Van Laar, J.A., Sopocy, D.M., Bruns, G.A., Chappell, J.H., Pace, S.E. Using the state-of-the-art power plant (SOAPP) workstation for combined cycle repowering conceptual design 78465
Van Laere, K. *see* Meesen, G. 88185
Van Laere, K. *see* Meesen, G. 98577
Van Landegem, T., De Prycker, M., Van den Brande, F. 2005: A vision of the network of the future 96423
van Leeuwe, J.J. *see* Theunissen, J.A.P. 87981
Van Leeuwen, C. *see* Snijder, H.P. 95886
van Leeuwen, J. *(editor)* Graph-Theoretic Concepts in Computer Science. 19th International Workshop, WG '93 Proceedings 60704
van Leeuwen, T.G., Jansen, E.D., Motamedi, M., Welch, A.J., Borst, C. Excimer laser ablation of soft tissue: a study of the content of rapidly expanding and collapsing bubbles 77047
Van Liere, J. *see* Kjaer, S. 89587
van Lieshout, P. Wind power in New Zealand Dream or Reality? 89776
van Lohneysen, H. *see* Hornung, M. 92920
Van Lok, N. *see* Solyakov, V.K. 89620
Van Loo, G.-J. *see* Van der Wal, K. 85448
Van Loock, W. Coping with the leakages of 915 MHz ISM equipment 90660
Van Luenen, W.T.C. *see* Stroeve, S.H. 53460
Van Marck, H., Van Campenhout, J. Modeling and evaluating optoelectronic architectures 82865
Van Meerbergen, J. *see* Grant, D.M. 49316
van Meirhaeghe, R.L., Laflere, W.H., Cardon, F. Influence of defect passivation by hydrogen on the Schottky barrier height of GaAs and InP contacts 71414
van Muylder, M. *see* Huyberechts, G. 58674
Van Muylder, M. *see* Huyberechts, G. 87327
van Nee, R.D.J., Siereveld, J., Fenton, P.C., Townsend, B.R. The multipath estimating delay lock loop: approaching theoretical accuracy limits 65955
van Nes, F.L., Bouma, H., Brouwer-Janse, M. The Institute for Perception Research IPO, a joint venture of Philips Electronics and Eindhoven University of Technology 61056
Van Ness, J.E. *see* Shyan-Lung Lin 53647
Van Ness, J.E. *see* Shyan-Lung Lin 77947
Van Ness, J.W. *see* Zhenmin Chen 57877
Van Nice, D.B. *see* Sherrit, S. 56102
van Niekerk, W.M.K., Scheffler, T.B. Measured performance of a solar water heater with a parallel tube polymer absorber 54159
Van Nieuwenhove, K. *see* Cools, K. 95102
Van Nieuwenhove, K. *see* Genin, D. 70652
Van Nieuwenhove, K. *see* Note, S. 55187
van Nieuwenhuizen, G.J. *see* Bootsma, T.M.V. 98638
Van Nijmweegen, F.C. *see* Herweijer, J.A. 58656
Van Noije, W.A.M. *see* Gray, C.T. 52782
van Noorden, L., Delogne, P. Image communications in RACE 1994-1995 97528
van Nuland, E. *see* Spierings, W. 56979
Van Nyen, W. *see* Boel, B. 85422
van Oers, W.T.H. *see* Zelenski, A.N. 76746
van Oorschot, P. *see* Pforr, R. 71461
van Oorschot, P.C. *see* Syverson, P.F. 57981
van Oort, J.M., ten Kate, H.H.J. A fiber optics sensor for strain and stress measurements in superconducting accelerator magnets 76570
van Oppen, A.C.C., van der Tweel, I., Briunse, H.W. Reproducibility of estimated cardiovascular function by transthoracic bioimpedance cardiography in healthy volunteers 88508
van Ormondt, D. *see* Decanniere, C. 95423
van Otterloo, R.W. Probabilistic risk assessment: an historic overview from determinism to probabilism 79230
Van Overloop, D. *see* Vasquez, B. 48704
Van Overstraeten, R. *see* Elgamel, H.E. 100575
Van Overstraeten, R. *see* Mertens, R. 53973

Van Paemel, M. Analysis of a charge-pump PLL: a new model 70325
van Peppen, J.C.L. *see* Klaassen, K.B. 72105
van Peppen, J.C.L. *see* Klaassen, K.B. 72138
Van Petegem, W. *see* Geeraerts, B. 56082
van Pol, J.H.G. *see* Gabler, A.R. 67416
Van Poucke, P., Belmans, R., Geysen, W., Ternier, E. Overvoltages in inverter fed induction machines using high frequency power electronic components 68622
Van Praet, D. *see* Rodriguez, T. 62161
Van Putten, A.F.P. *see* Van Putten, M.J.A.M. 87072
Van Putten, M.H.P.M. *see* Van Putten, M.J.A.M. 87072
Van Putten, M.J.A.M., Van Putten, M.H.P.M., Van Putten, A.F.P. Full additive drift elimination in vector sensors using the alternating direction method (ADM) 87072
van Putten, W.L.J., de Ru, V.J. Modeling of sequentially measured volumes of rat tumors treated with single- or multiple-fraction radiotherapy, with or without hyperthermia 67620
van Ranst, A. Harmonics, causes, consequences, remedial actions 59895
van Rensburg, D.J.J., McNamara, D.A. The Galerkin collocation method: an adaptive collocation technique for the analysis of thin-wire radiators 57089
van Reventlow, C. Comparing quality assurance methods and the resulting design strategies: experiences from complex designs 79471
Van Rheenen, A.D. Comment on "Analytical low-frequency 1/f noise model for lightly-doped-drain MOSFETs operating in the linear region" by Sheng-Lyang Jang 81926
van Rheenen, A.D. *see* Chaar, L.R. 81751
van Rienen, U. Higher order mode analysis of tapered disc-loaded waveguides using the mode matching technique 98438
van Roermund, A.H.M. *see* Serdijn, W.A. 88549
van Roijen, R. *see* Pennings, E.C.M. 72360
Van Roosmalen, H., Nijhof, J., Prasad, R. Performance analysis of a hybrid CDMA/ISMA protocol for indoor wireless computer communications 75037
van Roosmalen, H.R.R. *see* Prasad, R. 51869
Van Rossum, M. *see* Tavares, J. 81353
Van Sas, J., Catthoor, F., De Man, H. Cellular automata based deterministic self-test strategies for programmable data paths 61674
van Schaik, W., Poort, S.H.M., Schlotter, J.J.H., Dorrestijn, E., Blasse, G. Influence of impurities on the luminescence quantum efficiency of the lamp phosphor (Ce,Gd,Tb)MgB_5O_{10} 72583
van Schalkwijk, R. *see* Frings, P.H. 83543
van Schalkwyk, J.J.D., Venter, M.A.H. Low bitrate video coding with depth compensation 65207
van Schooneveld, D. *see* Bedford, T. 95794
van Sciver, S. *see* Williams, J.E.C. 82412
Van Sciver, S.W., Bartholomew, K., Bonito Oliva, A., Welton, S. AC loss measurement of the SMES/CIC conductor 94003
Van Sciver, S.W. *see* Bonito-Oliva, A. 94025
Van Sciver, S.W. *see* Hascicek, Y.S. 82448
van Sciver, S.W. *see* Miller, J.R. 82404
Van Scoy, F.L., Brooks, J.A. Broadcasting multiple messages in a grid 85231
van Silfhout, A. *see* Lohner, T. 49857
van Sinttruyen, J.S. *see* Unal, C.M.H. 77416
van Slooten, J., Witteveen, F.J.F.M., de Gruijter, R., Gunnewiek, R.K., Bijker, H.J., Pearson, R.E., Fuller, L.F. A Dutch-US microelectronic collaboration 54394
Van Slyke, R. *see* Hong Liu 51952
van Someren Greve, S.C. *see* van de Griendt, M.A.J. 57225
van Sonsbeek, R., Bom, V.R., van Eijk, C.W.E., Hollander, R.W., Meijvogel, K., Okx, W.J.C. Liquid/solid/dual phase xenon γ-ray detectors 88094
van Sreenbergen, A. *see* Gallardo, J. 76347
van Steenbergen, A. *see* Fisher, A.S. 76360
Van Steenbergen, W. *see* Bellon, E. 85614
Van Steveninck, W. A pressurized ion chamber monitoring system for environmental radiation measurements utilizing a wide-range temperature-compensated electrometer 88841
Van Steveninck, W. A pressurized ion chamber monitoring system for environmental radiation measurements utilizing a wide-range temperature-compensated electrometer 99020
van Straalen, A. *see* Zieren, V. 50257
van Stralen, M.J.N. *see* Pennings, E.C.M. 72360
Van Stralen, N.A., Taylor, D.P. Joint synchronization and demodulation of trellis codes 64315
Van Stryland, E.W. *see* Hagan, D.J. 83321
Van Stryland, E.W. *see* Sheik-Bahae, M. 63933
Van Swieten, A. *see* Gorter, R.J. 60240
van Tartwijk, G.H.M., de Waardt, H., Verbeek, B.H., Lenstra, D. Resonant optical amplification in a laser diode: theory and experiment 83066
van Tartwijk, G.H.M., Lenstra, D. Nonlocking behavior of an optically injected diode laser 94629
Van Tasell, D.J. *see* Hoffman, M.W. 88557
van Tilborg, H.C.A. *see* Amrani, O. 95105
Van Till, J.W.J.Baron *see* Baron Van Till, J.W.J.
van Tongeren, B. *see* Decanniere, C. 95423
Van Trees, H.L. *see* Ephraim, Y. 84046
Van Tuyl, A.H. Acceleration of convergence of a family of logarithmically convergent sequences 69780
Van Tuyl, R.L. *see* Madden, C.J. 92629
van Uffelen, J.W.M. *see* Bouda, M. 94144
van Vaalen, M.J.M. *see* de Blok, C.M. 52514
van Veen, A. *see* Seijbel, L.J. 83518
Van Veen, B.D. *see* Chen, J. 76871
Van Veen, B.D. *see* Feng Qian 64438
Van Veen, B.D. *see* Nowak, R.D. 74198
Van Veen, B.D. *see* Nowak, R.D. 84204
Van Veen, B.D. *see* Nowak, R.D. 84512
Van Veen, B.D. *see* Qian, F. 84528
van Veen, G.N.A. Space-charge effects in Spindt-type field emission cathodes 62044
van Veldhoven, P.J. *see* Larsen, P.K. 82146
Van Vleck, E.S. *see* Shui-Nee Chow 69870
van Vliet, A. *see* Galambos, G. 61088
Van Vliet, L.J., Verbeek, P.W. Edge localization by MoG filters: multiple-of-Gaussians 57682
Van Vliet, L.J. *see* Mullikin, J.C. 76070
Van Vliet, L.J. *see* Verbeek, P.W. 74304
van Vonno, N., Doyle, B.R. A 256 K static random-access memory implemented in silicon-on-insulator technology 70460
van Vonno, N.W. A cryogenic mixed-signal process for radiation-hardened applications 70770
van Vucht, R. *see* Jackman, J. 81163
Van Way, C.B. *see* Marantidis, C. 99066
van Weelderen, R. *see* Lebrun, P. 94023
van Weelderen, R. *see* Rossi, L. 94021
van Wees, B.J. *see* Gao, J.R. 55589
van Well, A.A., de Haan, V.-O., Fredrikze, H. ROG, the new neutron reflectometer at IRI, Delft 67400
van Wesenbeeck, P.J.M.M. *see* Dijkhuis, H. 79496
van Westrum, D.C. *see* Smythe, W.R. 67139
van Wijk, A.J.M. *see* Fockens, S. 53847
van Wijk, A.J.M. *see* Fockens, S. 99452
van Wijk, A.J.M. *see* van den Wijngaart, R.A. 68155
van Wijnen, P.J. *see* Gardner, D.S. 90982
van Wijngaarden, A. *see* Frijns, J.H.M. 59255
van Winterfeld, C., Schmid, O. On the development of diagram synthesis methods for conformal antenna arrays 57275
Van Woerden, J.A., Nelisse, M.W., Perricos, C., Jackson, R.D., Davies, B., Hibberd, R.D., Banerjee, D. M3S—a standard communication architecture for rehabilitation applications 98990
Van Wonterghem, B. *see* Wan, A.S. 50741
Van Wormer, K. *see* Philipossian, A. 62491
van Woudenberg, R. *see* Boterenbrood, H. 59186
Van Wyk, J.D. Power electronic converters for motion control 90107
Van Wyk, J.D. Power quality and dynamic power electronic filters in utility applications 99689
van Wyk, J.D. *see* Badenhorst, M. 60583
van Wyk, J.D. *see* Barnard, J.M. 88564
van Wyk, J.D. *see* Boake, I. 68933
van Wyk, J.D. *see* Dunford, W.G. 68789
van Wyk, J.D. *see* Ferreira, J.A. 78711
van Wyk, J.D. *see* Ferreira, J.A. 78712
van Wyk, J.D. *see* Hofsajer, I.W. 61513
van Wyk, J.D. *see* Hofsajer, I.W. 90204
Van Wyk, J.D. *see* Koertzen, H.W.E. 100338
van Wyk, J.D. *see* Sinclair, A.J. 90156
van Wyk, J.D. *see* Smit, M.C. 100305
van Wyk, J.D. *see* Stielau, D.E. 99691
van Wyk, J.D. *see* Swanepoel, P.H. 100214
Van Zeijts, J. *see* Chao, Y. 67004
van Zon, J.B.A. *see* Zieren, V. 75796
van Zyl, J.J. *see* Rignot, E. 77461
Vanacken, J. *see* Herlach, F. 82292
Vanapipat, K. *see* Khunasaraphan, C. 70805
vanAsselt, W. *see* Reece, R.K. 87835
Vanatta, L. *see* Talasek, T. 62375
VanBaren, P., Seip, R., Ebbini, E.S. A new algorithm for dynamic focusing of phased-array hyperthermia applicators through tissue inhomogeneities 98938
VanBaren, P. *see* Seip, R. 88537
Vanbekbergen, P., Goossens, G., Lin, B. Modeling and synthesis of timed asynchronous circuits 91746
Vanbekbergen, P. *see* Kondratyev, A. 92097
Vanbekbergen, P. *see* Lin, B. 91744
Vanbesien, O. *see* Burgnies, L. 55607
Vanbremeersch, J. *see* de Murcia, M. 55554
VanBuskirk, R. *see* Dunbridge, B. 92593
Vance, P.H., Barnhart, C., Johnson, E.L., Nemhauser, G.L. Solving binary cutting stock problems by column generation and branch-and-bound 54707
Vance, R.W.C. Planar ring resonator realisation of symmetric 3×3 fibre coupler 72419
Vance, R.W.C., Ankiewicz, A. State-space description of optimal erbium amplifier tapers 94435
Vance, R.W.C., Love, J.D. Design procedures for passive planar coupled waveguide devices 94162
Vanchinathan, S. *see* Dumin, D.J. 62323
Vanchinathan, S. *see* Dumin, D.J. 62365
Vancraeynest, J. *see* Dagen, A.J. 52260
Vancu, A. *see* Barsan, N. 66531
Vandamme, E.P., Vandamme, L.K.J. 1/f noise and its coherence as a diagnostic tool for quality assessment of potentiometers 80883
Vandamme, E.P. *see* Xiaosong Li 81924
Vandamme, J. *see* Lienard, M. 57107
Vandamme, L.K.J. *see* Pascal, F. 55847
Vandamme, L.K.J. *see* van Kemenade, A.J. 72344
Vandamme, L.K.J. *see* Vandamme, E.P. 80883
Vandamme, L.K.J. *see* Xiaosong Li 81924
Vande Voorde, P.J. *see* Vook, D. 61908
Vandebroek, P., Note, S., Devisch, D. Design of a telecommunication IC for the digital European cordless telephone systems 75143
Vandelac, J.-P. *see* Braz, C.A. 60335
Vanden Berghe, G. *see* Van Daele, M. 91345
Vanden Bossche, M. *see* Van Hamme, H. 75825
Vanden Bossche, M. *see* Verbeyst, F. 80660
Vandenabeele, P. *see* Byung Jin Cho 81401
Vandenameele, J. *see* Maggi, W. 51909
Vandendorpe, L., Cuvelier, L., Maison, B., Queluz, P., Delogne, P. Motion-compensated conversion from interlaced to progressive formats 74314
Vandendorpe, L. *see* Delogne, P. 84762
Vandeneede, J. *see* Zhang, D. 77690
Vandenput, A. Whither electric drive? 69038
Vandenput, A.J. *see* Bosga, S.G. 68783
Vandentop, G. *see* Lee, Y.-H. 62999
Vander Kam, R.A., Chou, P.A., Gray, R.M. Performance evaluation of greedy search algorithms for image halftoning and compression 95962
Vander Kam, R.A., Wong, P.W. Customized JPEG compression for grayscale printing 57890
Vander Velde, C. *see* van den Berg, F.D. 98523
Vander Vorst, A. *see* Kezai, T. 94936
Vanderbauwhede, W. *see* Moerman, I. 83086
Vanderbeck, F. *see* Balakrishnan, A. 81022
Vanderborgh, C. *see* Ruoff, A.L. 88333
Vanderhaghen, R. *see* Neitzert, H.C. 81465
Vanderkooy, J. Aspects of MLS measuring systems 59003
Vandermeulen, D., Verbeeck, R., Berben, L., Delaere, D., Suetens, P., Marchal, G. Continuous voxel classification by stochastic relaxation: theory and application to MR imaging and MR angiography 98796
Vanderplaats, N.R., Kodis, M.A., Freund, H.P. Design of traveling wave tubes based on field theory 71048
Vanderplaats, N.R. *see* Goplen, B. 62125
Vanderpuye, K. *see* Squillante, M.R. 56544
Vandersall, D. *see* Matthes, R.W. 66308
Vandersande, J.W. *see* Ravi, K.V. 49763
Vanderschaaf, N. *see* Pham, D. 92287
Vanderschueren, J. *see* Thielen, A. 93687
Vanderschueren, J. *see* Thielen, A. 93688
Vandervoort, H. *see* O'Brien, T. 85796
Vandervorst, W. *see* De Coster, W. 49806
Vandervorst, W. *see* Verhaverbeke, S. 62494
Vandervorst, W. *see* Werkhoven, C. 62493
Vanderwall, J. *see* Seidler, W. 82077
Vanderwater, D.A. *see* Kish, F.A. 56567
Vanderwater, D.A. *see* Kish, F.A. 94290
Vanderwyck, A.H.B. *see* Kozlowski, L.J. 52954
Vandeusen, A. *see* Crist, C.E. 76442
Vandeusen, A. *see* Hurd, J.W. 76440
Vandeventer, L., Santucci, J.-F. Algorithms for behavioral test pattern generation from VHDL circuit descriptions containing loop language constructs 91748
Vandeventer, L., Santucci, J.-F. Speeding up test pattern generation from behavioral VHDL descriptions containing several processes 93531
Vandeventer, L., Santucci, J.F., Giambiasi, N. Speeding up behavioral test pattern generation using an algorithmic improvement 49233
Vandevyver, M. *see* Hesto, P. 49992
Vandewalle, J. *see* Beiu, V. 93523
Vandewalle, J. *see* Daemen, J. 73759
Vandewalle, J. *see* Preneel, B. 83953
Vandeweert, E. *see* Vermeeren, L. 98485
Vandeweghe, G. *see* Bijnens, B. 59284
Vandini, M. *see* Cavallini, A. 81199
Vandyshev, J.V. *see* Xu, Z. 94603
Vane, R. *see* Sherman, R. 93222
Vanecek, D. *see* Yu, S. 67027
Vanecek, M. *see* Zemek, J. 48993
Vanfleteren, J. *see* Vaitkus, J. 82801
Vanfleteren, J. *see* van Calster, A. 93427
Vanfleterer, J. *see* Van Calster, A. 98203
Vang, T. *see* Taylor, G.W. 82855
Vangelista, L. *see* Benvenuto, N. 84551
Vangelista, L. *see* Calvagno, G. 49565
Vanghi, V. CCSDS protocol for advanced orbiting systems, networks and data links: analysis of asynchronous traffic services 96231
Vanghi, V. *see* de Gaudenzi, R. 51312
Vanghi, V. *see* De Gaudenzi, R. 86279
Vanhaudenarde, A., Trespidi, M., Frey, R. Refractive-index changes during photodarkening in semiconductor-doped glasses 83255
Vanhellemont, J., Kaniava, A., Simoen, E., Trauwaert, M.-A., Claeys, C., Johlander, B., Harboe-Sorensen, R., Adams, L., Clauws, P. Generation and annealing behaviour of MeV proton and ^{252}Cf irradiation induced deep levels in silicon diodes 71573
Vanhellemont, J. *see* Armigliato, A. 81381
Vanhellemont, J. *see* Caymax, M. 48922
Vanhellemont, J. *see* Janssens, K.G.F. 81408
Vanhellemont, J. *see* Ohyama, H. 62662

Vanhellemont, J. *see* Ohyama, H. 71574
Vanherck, P. *see* Demeester, F. 58729
Vanhersecke, M.-P. *see* Colledani, F. 89616
Vanheusden, K., Stesmans, A. Positive charging of buried SiO_2 by hydrogenation 55705
Vanin, E.V., Korytin, A.I., Titov, S.V., Sergeev, A.M. The phenomenon of self-tuning of optical solitons and its application to the femtosecond light generators 83285
Vaninetti, R. Predict third-order intermodulation in RF power amplifiers 61572
Vankayala, V.S.S., Rao, N.D. Fast contingency screening through optimizing Hopfield neural networks 99598
Vanke, V.A. *see* Bykovskiy, S.V. 51038
VanKessel, T. *see* Sturtevant, J. 81704
Vanko, J. *see* Baranov, V.A. 76849
Vankwikelberge, P. *see* Li, B. 65380
Vannelli, A. *see* Sarfi, R.J. 68204
Vanneuville, J. *see* Gevaert, D. 49504
Vanneuville, J. *see* Manhaeve, H.A.R. 62790
Vanni, U. *see* Beaumont, S.P. 88037
Vannicola, V. *see* Willett, P. 97891
Vannier, M.W. *see* Commean, P.K. 58828
Vannier, M.W. *see* Godhwani, A. 58829
Vannikov, A.V. *see* Novikov, S.V. 94245
Vannini, G. Nonlinear integral modeling of dual-gate GaAs MESFET's 70873
Vannini, M. *see* Spiga, M. 89673
Vannoy, S.D. *see* Harrison, R.L. 98837
Vannoy, S.D. *see* Harrison, R.L. 98838
Vannucchi, G. *see* Cariolaro, G. 83921
Vannucci, A. *see* Dunphy, J. 52887
Vanolo, M. *see* Maggi, S. 59066
VanOlst, D. *see* Allison, S. 87623
Vanotti, P. *see* Lecot, C. 52937
Vanpoucke, F.J. *see* Moonen, M. 84363
Vanroose, P. *see* Zhe-Xian Wan 73730
VanSchaack, J. *see* Bakun, W.H. 99154
Vansickle, H.G., Jr. Lightning protection systems for structures as covered by NFPA-780 "lightning protection code" 53813
Vanstapel, F. *see* Decanniere, C. 95423
Vanstraelen, G. *see* Simoen, E. 81919
Vantomme, A., Nicolet, M.-A., Long, R.G., Mahan, J.E. Epitaxial ternary $Re_xMo_{1-x}Si_2$ thin films on Si(100) 48945
Vantomme, E. *see* Lie, D.Y.C. 49793
Vanuxem, J.P. *see* Alippi, C. 53346
Vanuxem, J.P. *see* Alippi, C. 67381
Vanuxem, J.P. *see* Dell'Acqua, A. 87955
Vanuxem, J.P. *see* Dell'Acqua, A. 98680
Vanwelsenaers, A., Schatteman, L. Architecture of cellular networks and example of intelligent networks 65711
VanWinkle, D.H. *see* Swanson, N.L. 94567
Vanzetti, L. *see* Cingolani, R. 72808
Vanzha, A.V., Maltsev, A.A., Silaev, A.M. Optimal estimation of the time instant of occurrence of an impulse disturbance in a random signal in discrete time 84379
Vanzi, L. *see* Gennari, S. 68654
Vanzi, M. *see* Rinaldi, D. 70480
Vapaakoski, S. *see* Pietila, T. 88493
Vapnik, B.K. *see* Busyrev, A.I. 53854
Varadan, S., Makram, E.B. Practical considerations in the application of neural networks to the identification of harmonic loads 99419
Varadan, S. *see* Makram, E.B. 53697
Varadan, V.K., Varadan, V.V., Jose, K.A., Kelly, J.F. Electronically steerable millimeter wave antennas 83822
Varadan, V.K., Varadan, V.V., Selmi, F., Ounaies, Z., Jose, K.A. Multilayer tunable ferroelectric materials and thin films 82159
Varadan, V.K. *see* Jae-Hwan Kim 93786
Varadan, V.K. *see* Jose, K.A. 88710
Varadan, V.K. *see* Ounaies, Z. 79981
Varadan, V.K. *see* Sung, C.-C. 63108
Varadan, V.K. *see* Varadan, V.V. 94796
Varadan, V.K. *see* Xiao-Qi Bao 90325
Varadan, V.V., Apparao, R., Varadan, V.K. Long wavelength models for effectively chiral and achiral microwave composites containing chiral inclusions 94796
Varadan, V.V. *see* Jae-Hwan Kim 93786
Varadan, V.V. *see* Jose, K.A. 88710
Varadan, V.V. *see* Ounaies, Z. 79981
Varadan, V.V. *see* Sung, C.-C. 63108
Varadan, V.V. *see* Varadan, V.K. 82159
Varadan, V.V. *see* Varadan, V.K. 83822
Varadan, V.V. *see* Xiao-Qi Bao 90325
Varadarajan, T.S. *see* Bangar Raju, B. 72708
Varadarajan, T.S. *see* Yadav, H.O. 94243
Varadarajan, T.S. *see* Yadav, H.O. 94244
Varadarajan, V., Mittra, R. Finite-difference time-domain (FDTD) analysis using distributed computing 54809
Varadaraju, U.V. *see* Ponnambalam, V. 71122
Varadharajan, V. *see* Katsavos, P. 85740
Varahram, M. *see* Urban, G. 66512
Varaiya, P. *see* Low, S. 65114
Varaiya, P.P. *see* Hsiao-Dong Chiang 77888
Varaiya, P.P. *see* Jordan, S. 96495
Varaiya, P.P. *see* Plotkin, N.T. 64955
Varan, L. *see* Bordone, P. 62185
Varanasi, M.K., Vasudevan, S. Multiuser detectors for synchronous CDMA communication over non-selective Rician fading channels 52333
Varanasi, M.K. *see* Vasudevan, S. 65551
Varanasi, M.K. *see* Vasudevan, S. 75196
Varanasi, S.V. Guest editorial. ISDN data networking 60698
Varani, L., Reggiani, L., Houlet, P., Vaissiere, J.C., Nougier, J.P., Kuhn, T., Gonzalez, T., Pardo, D. Hot-carrier fluctuations from ballistic to diffusive regime in submicron semiconductor structures 62155
Varani, L. *see* Gonzalez, T. 62675
Varani, L. *see* Gruzinskis, V. 61910
Varani, L. *see* Gruzinskis, V. 61926
Varani, L. *see* Gruzinskis, V. 92552
Varasi, M. *see* Dunphy, J. 52887
Varavin, V.S., Sidorov, Yu.G., Remesnik, V.G., Chikichev, S.I., Nis, I.E. Growth of $Cd_xHg_{1-x}Te$ films by vapor phase epitaxy of HgTe on CdTe substrates followed by interdiffusion 54909
Varblianska, K. *see* Gladkov, P. 87185
Varcoe, J. *see* Clementi, J. 91015
Varcoe, L.A. Integrated maintainability analysis: a practical case study 58653
Vardaman, E.J. MCM infrastructure in Japan and the United States: consumer vs. industrial strategies 48669
Vardaman, E.J. Technology and business trends in BGA packaging 79393
Vardaman, E.J., Crowley, R.T. Japanese developments in high-speed module packaging 90981
Vardaman, E.J. *see* Crowley, R.T. 81118
Vardaman, E.J. *see* Crowley, R.T. 90992
Vardanian, V.A. On the complexity of terminal stuck-at fault detection tests for monotone Boolean functions 49385
Vardaxoglou, J.C., Lockyer, D. Modified FSS response from two sided and closely coupled arrays 95042
Vardaxoglou, J.C. *see* Lockyer, D. 73557
Vardeny, Z.V. *see* Wei, X. 72632
Vardi, N. *see* Dall, J. 77678
Vardy, A. The Nordstrom-Robinson code: representation over GF(4) and efficient decoding 95208
Vardy, A., Be'ery, Y. Maximum-likelihood soft decision decoding of BCH codes 73711
Vardy, A. *see* Amrani, O. 73651
Vardy, A. *see* Amrani, O. 95105
Vardy, A. *see* Etzion, T. 73721
Vardy, A. *see* Litsyn, S. 73653
Vardy, A. *see* Litsyn, S. 95209
Vareille, J.C. *see* Darraud, C. 63336
Vareille, J.C. *see* Darraud, C. 82518
Vareille, J.C. *see* Darraud, C. 82670
Varela, A. *see* Policroniades, R. 67399
Varela, A.J., Bernabeu, E., Escudero, J.L. Spatial filtering by holographic optical elements 50976
Varela, A.J., Boreman, G.D. Scanned-fringe, spatial-harmonic-distortion test for detector nonlinearity 52871
Varell, B. Optimisation of operational procedures with intercom systems 58086
Varetskii, Yu.O. *see* Perkhach, V.S. 88982
Varfolomeev, A.A., Hairetdinov, A.H. Advanced hybrid undulator schemes providing enhanced transverse e-beam focusing 53120
Varfolomeev, A.A., Hairetdinov, A.H., Ivanchenkov, S.N., Khlebnikov, A.S., Osmanov, N.S. Undulator scheme providing wide range magnetic field tuning 53119
Varfolomeev, A.A., Ivanchenkov, S.N., Khlebnikov, A.S., Osmanov, N.S., van der Wiel, M.J., Urbanus, W.H., Pavluchenkov, V.F. Performance of the undulator for the FOM-FEM project 53121
Varfolomeev, A.A., Khlebnikov, A.S., Osmanov, S.V., Tolmachev, S.V. Undulator magnetic field measurements with the wire deflection method 53036
Varfolomeev, A.E. *see* Malyshev, V.V. 66536
Varga, A.P. *see* Mellor, B.A. 73852
Varga, B., Taylor, B. Using "C" to interconnect DSPs, memories, and I/O channels to provide 10× to 1,000× speed-up of image processing applications 70433
Varga, D., Kjebon, O., Ohlander, U., Streubel, K., Wallin, J., Lourdudoss, S., Klinga, T., Broberg, B., Landgren, G. Low threshold, high quantum efficiency, high speed strain compensated multiquantum well lasers 56812
Varga, D. *see* Tokesi, K. 87991
Varga, G. *see* Dudas, I. 75836
Varga, L. *see* Doyle, W.D. 63212
Varga, L.D. *see* Losic, N.A. 60520
Varga, L.K. *see* Lovas, A. 72045
Varga, L.Z., Toro, M., Tarnay, K. PROCONSUL: an SDL tool set 51835
Varga, S., Somogyi, K., Nemcsics, A., Gombos, G. Close-spaced vapour transport growth of III-V-s 91501
Varganov, A.V. *see* Belov, R.K. 82515
Vargas, F., Nicolaidis, M. SEU-tolerant SRAM design based on current monitoring 70472
Vargas, L., Quintana, V.H. Dynamical analysis of voltage collapse in longitudinal systems 77885
Vargas, L. *see* Quintana, V.H. 77807
Vargas, M., Pallas-Areny, R. The seemingly paradoxical noise behavior of some active circuits 92356
Vargas, M. *see* Nash, T.J. 63623
Vargas, N., E. *see* Ramos Niembro, G. 77971
Vargas-Aburto, C. *see* Faur, M. 100749
Vargas-Aburto, C. *see* Weinberg, I. 100754
Vargha, D. *see* Sangalli, W. 55117
Vargha, D. *see* Sherman, L. 80120
Vargheese, O.J. *see* Das, B.N. 57163
Varghese, G., Lynch, N.A. A tradeoff between safety and liveness for randomized coordinated attack protocols 96222
Varghese, G. *see* Awerbuch, B. 65044
Vargic, R. *see* Hudecova, M. 74293
Vargic, R. *see* Polec, J. 74297
Vargin, V.A. *see* Nikulin, A.D. 82326
Varhegyi, E.B., Perczel, I.V., Gerblinger, J., Fleischer, M., Meixner, H., Giber, J. Auger and SIMS study of segregation and corrosion behaviour of some semiconducting oxide gas-sensor materials 66557
Varhue, W.J. *see* Rogers, J.L. 91437
Variale, V. *see* Acerbi, E. 63871
Variale, V. *see* Barletta, W.A. 67060
Varian, K.R. *see* Brinlee, W.R. 80761
Varian, K.R. *see* Brinlee, W.R. 80813
Varichenko, V.S., Zaitsev, A.M., Rusetskii, M.S., Stelmakh, V.F., de Weldige, K., Fries, T., Wandelt, K., Diduyk, A.Ju., Laptev, V.A. Scanning tunnelling microscopy of diamond irradiated with high energy ions 71079
Varichenko, V.S. *see* Burchard, B. 82837
Varisco, G. *see* Acerbi, E. 63871
Varker, C.J., Kirchgessner, J., Zirkle, T., Howard, E. HC reliability of 0.5 μm BiCMOS transistors: dependence on link base slot depth and the design implications for reliability and performance 62692
Varkonyi, B. A data-flow approach to develop image processing applications 74289
Varkur, K.L. *see* Mitsa, T. 85011
Varley, J. The users group view. What soviet-designed reactors need 53879
Varma, A. *see* Chalasani, S. 52460
Varma, H.K. *see* Ananthakumar, S. 54988
Varma, P., Gheewala, T. The economics of scan-path design for testability 80293
Varma, P., Tiwari, M.S. Charged particle motions in the presence of an electromagnetic wave 94852
Varma, R.R., Parayanthal, P. Bonding induced stress in semiconductor laser 94541
Varma, S., Makowski, A.M. Interpolation approximations for symmetric fork-join queues 69671
Varma, S. *see* Ahmad, A. 56144
Varma, S. *see* Bressler-Hill, V. 91441
Varma, S. *see* Reaves, C.M. 54926
Varma, S.P. *see* Dixit, P.N. 50657
Varma, V.K., Arnold, H.W., Devasirvatham, D.M.J., Ranade, A., Sutliff, L.G. Interference, sensitivity and capacity analysis for measurement-based wireless access spectrum sharing 86646
Varn, D.K., Newman, W. Answering machine demonstrates benefits of system level design 85961
Varnell, L.S. Detectors for gamma-ray astronomy 67332
Varner, E.B. *see* Bates, C.W., Jr. 48962
Varner, G. *see* Hazen, E. 88227
Varner, G. *see* Hazen, E. 98699
Varney, M.S. *see* Creasey, M.R. 99298
Varnum, K.C.M., Robertson, R.C. Error probabilities of optical heterodyne OOK and FSK communications systems 86463
Varonides, A.C. Tunneling conductivity of superlattice GaAs/AlGaAs n-i-p solar cells by means of the generalized Kubo-Greenwood formula and the Green's function 100680
Varpula, T. *see* Seppa, H. 80889
Varri, A. *see* Pietila, T. 88493
Varriano, J.A. *see* Wicks, G.W. 54851
Varshney, P.K., Joshi, A.R., Pei-Liang Chang Reliability modeling and performance evaluation of variable link-capacity networks 96122
Varshney, P.K. *see* Wang, T.C. 58460
Varshney, P.K. *see* Wang, T.C. 75556
Varshneya, D. Fly-by-light status: issues and options 53516
Vartapetov, S.K. *see* Bukreev, V.S. 77408
Vartsky, D. *see* Breskin, A. 76003
Vartsky, D. *see* Buzulutskov, A. 92906
Vartsky, D. *see* Malamud, G. 88001
Varughese, K.O.G. *see* Singh, R.N. 58842
Varvarigos, E.A., Bertsekas, D.P. Performance of hypercube routing schemes with or without buffering 85359
Varvarskii, V.S. *see* Prutkovskii, E.N. 89702
Vary, P. Speech signal processing in mobile radio terminal equipment 65681
Vary, P. *see* Martin, R. 96537
Vas, P., Chen, J., Stronach, A.F. Application of improved fuzzy-tuned and fuzzy controllers in variable-speed drives 60508
Vas, P., Jian Li Digital simulation of saturated double-cage induction machines 89956
Vas, P., Jian Li Simulation of vector-controlled induction motor drives 90512
Vas, P., Li, J., Stronach, A.F., Lees, P. Artificial neural network based control of electromechanical systems 60503
Vas, P. *see* Stronach, A.F. 60501
Vas, R.C.J.de *see* de Vas, R.C.J.

Vasan, S.V., Mattay, S., Dody, G. Outer lead bonding of TAB devices: classical experimental design, analysis, and statistical treatment 92843
Vasant Kumar, C.V.R. *see* Sayer, M. 93810
Vasanth, K. *see* Wagner, S. 100589
Vasca, F. *see* Cavailo, A. 91876
Vasca, F. *see* Glielmo, L. 89958
Vasco, A. *see* Munafo, M. 65361
Vasco, E. *see* De Melo, O. 79871
Vasconcellos, E. Improving the R&D-production interface in industrial companies 69479
Vasconcellos, E.C.C., Zink, L.R., Galvao, G.P., Evenson, K.M. New N_2H_4 far infrared laser lines and frequencies 94340
Vasconcellos, E.C.C. *see* Zerbetto, S.C. 63678
Vasconcellos, E.C.C. *see* Zink, L.R. 72694
Vasconcelos, F.M. *see* Schlindwein, F.S. 76963
Vasconcelos, J.A., Krahenbuhl, L., Nicolas, L., Nicolas, A. Design optimisation using the BEM coupled with genetic algorithm 51018
Vasconcelos, J.A., Krahenbuhl, L., Nicolas, L., Nicolas, A. Design optimization in electrostatic field analysis using the BEM and the augmented Lagrangian method 83467
Vascotto, M. *see* Chiorboli, G. 58636
Vaseghi, S.V., Milner, B.P. Noisy speech recognition based on HMMs, Wiener filters and re-evaluation of most likely candidates 73856
Vaseghi, S.V. *see* Milner, B.P. 95262
Vasenko, S.A. *see* Korotkov, A.N. 93517
Vashchenko, S.B. *see* Kriger, Yu.G. 71015
Vashchuk, S.P. *see* Kostyukov, N.S. 99833
Vashchuk, V.I., Gorot, K.F., Kozak, G.Yu., Lyuksyutov, S.F., Tikhonov, E.A. Characteristics of the amplitude modulation of light as a result of the Freedericksz transition in a liquid-crystal cell with a dichroic dye 56455
Vashi, M., Raj, V., Youn, H.Y. A distributed controller for system level integration 49460
Vashishta, P. *see* Nakano, A. 55873
Vasi, J. *see* Vasudevan, V. 50003
Vasilakos, A.V., Atlasis, A.F. LB-SELA: rate-based access protocol for ATM networks 65433
Vasilash, G.S. A flexible approach to resistance welding—that doesn't sacrifice production 60952
Vasilchenko, N.V. *see* Taubkin, I.I. 75974
Vasil'chenko, V.G., Protopopov, Yu.M. Radiation damage of plastic scintillators and optic fibers 76782
Vasil'chenko, V.G. *see* Britvich, G.I. 76781
Vasilchenko, V.G. *see* Cardini, A. 67354
Vasile, S. *see* Gordon, J.S. 87969
Vasile, S. *see* Squillante, M.R. 56544
Vasilenko, A.T. *see* Alenitckiy, Yu.G. 94015
Vasilev, A.B., Vokhnik, O.M., Korntsenko, L.S., Mikhailov, V.A., Spazhakin, V.A., Shcherbakov, I.A. Lasing in a polarization-closed cavity with a stimulated Brillouin scattering mirror 50893
Vasil'ev, A.N. *see* Asseev, A.A. 66932
Vasil'ev, B.I., Nazarov, D.I., Suchkov, A.F., Tasmagulov, I.D., Shatokhin, P.V. Pulsed electroionization CO_2 laser with an adiabatically cooled medium 94328
Vasil'ev, G.A. *see* Belov, A.S. 87858
Vasil'ev, I.V., Kovalev, S.I. Electrodynamic theory of finite magnetostatic waveguides 83747
Vasil'ev, M.B., Skruchaev, Yu.K., Chuvashov, N.F. Examination of possibilities of identifying a foreign body in a light medium on the basis of the energy spectrum of the integral flux of gamma radiation 55010
Vasil'ev, M.V. *see* Leshchev, A.A. 50655
Vasil'ev, P.P. Experimental observation of coherent optical oscillations in picosecond semiconductor lasers under strong-field conditions 72878
Vasil'ev, P.P. *see* Bel'skii, Yu.L. 88496
Vasil'ev, P.P. *see* Lauder, R.D.T. 72782
Vasil'ev, S.I., Moiseev, Yu.N., Oreshkin, A.I., Oreshkin, S.I., Savinov, S.V. A scanning tunnelling microscope operating in gas with the annealing of samples 93770
Vasil'ev, S.Z. *see* Bykov, K.I. 78362
Vasil'ev, V.A., Il'enko, V.V. Development of a pilot geothermal modular power plant for the European part of Russia 78477
Vasil'ev, V.A., Il'enko, V.V. Results of research and development of the two-circuit Stavropol' geothermal power station 99965
Vasil'ev, V.A., Ishkalov, Zh., Kumekov, M.E., Rogachev, N.A., Terukov, E.I. Optical impact ionization in a-$Si_{1-x}Ge_x$:H films 50667
Vasil'ev, V.D. *see* Andreev, A.T. 56353
Vasil'ev, V.V., Egorov, V.S., Fedorov, A.N., Chekhonin, I.A. Lasers and laser systems based on cooperative phenomena in optically dense resonance media without population inversion 72667
Vasil'ev, V.V. *see* Aksenov, I.I. 70096
Vasil'ev, V.V. *see* Furman, E.G. 53097
Vasil'eva, A.L. *see* Gulyaev, V.I. 57185
Vasil'eva, N.D. *see* Suleman, Kh. 91627
Vasilevich, L.F., Ezhov, S.A. Scan control of locators in target search and detection mode 65867
Vasilevskii, A.G. *see* Karnovich, V.N. 89737
Vasiliev, A. *see* Meshcherov, R. 76379
Vasiliev, A.A., Kondratiev, L.N., Rogal, A.D. Spark source of some metals and carbon 53221
Vasiliev, A.A. *see* Godovski, D.Yu. 66541
Vasiliev, A.A. *see* Malyshev, V.V. 66536
Vasiliev, L.M. *see* Andreev, N.I. 76575
Vasiliev, L.M. *see* Baibekov, V.I. 76574
Vasiliev, N. *see* Glazov, A. 53208
Vasiliev, S.E. *see* Chernenko, S.P. 87999
Vasiliev, S.I. *see* Avignone, F.T. 67288
Vasilieva, T.D., Litvinenko, L.N., Prosvirnin, S.L. The diffraction of H-polarized electromagnetic waves by a two-dimensional corner screen 73288
Vasilik, D.G. *see* Hsu, H.H. 88053
Vasilik, D.G. *see* Hsu, H.H. 98591
Vasiliu, M., Hantila, I.F. Steady-state solution of the time-periodic quasi-stationary problem in terms of spatial eigenfunctions 64059
Vasiliu, M., Hantila, I.F. Time-periodic boundary value problems in non-sinusoidal magnetic diffusion 64064
Vasiliu, M., Nicolae, A., Hantila, I.F. Finite integral transform approach to nonsinusoidal eddy-current problems 73226
Vasiliu, M. *see* Hantila, I.F. 64098
Vasiliu, M. *see* Moraru, A. 70952
Vasiliu, V. *see* Bursanescu, L. 57034
Vasiljevic, D.G. *see* Todorovic, D.M. 81250
Vasillyev, A. Vacuum arc bismuth ion source with film cathode 98494
Vasiltsov, V.V. Multichannel commercial CO_2 lasers designed in Research Center for Technological Lasers of Russian Academy of Sciences 56635
Vasiltsov, V.V., Galushkin, M.G., Golubev, V.S., Zavalova, V.E., Zelenov, E.V., Panchenko, V.Y. Theoretical investigation of radiation parameters of continuous-wave CO_2 lasers with diffusion cooling 56629
Vasiltsov, V.V., Zelenov, E.V., Kurushin, E.A., Lisin, A.A., Filimonov, D.Yu. Technological single-mode CO_2 laser excited by an alternative-current discharge with the radiation power of 500 W 56633
Vasil'yev, I.V., Kovalev, S.I. Electrodynamic theory of waveguide structures with magnetostatic waves 94940
Vasilyev, M.V. *see* Masalov, A.V. 94267
Vasil'yev, Yu.G. The effect of an acoustooptic access device on the signal-to-noise ratio in the photodetector module of an optical-fiber transmission system 58386
Vasina, P. Noise, degradation and reliability of luminescent diodes 63600
Vasjukevich, V. Controlling transformation "data-code-data" represented by a novel matrix usage 95180
Vasko, D.A., Rajsuman, R. Analysis and simulation of multiple-ring token networks 52065
Vasko, F.T. *see* Zakharova, A. 81279
Vaskopoulos, T. *see* Choudhury, S.R. 94126
Vasnetsov, M.V. *see* Bazhenov, V.Yu. 72992
Vasquez, B., Van Overloop, D., Lindsey, S. Known-good-die technologies on the horizon 48704
Vasquez, B. *see* Chonko, M.A. 71417
Vasquez, B. *see* Goldwater, R. 60848
Vasquez, C.R. *see* Salazar, L.D. 99511
Vasquez, E.H. *see* Sarango, M.F. 77420
Vasquez, J.C., Pontt, J. Simulations of a 12-pulse-three-phase-cycloconvertor with current control 100241
Vasquez, R.P. *see* Hunt, B.D. 82358
Vasquez, R.P. *see* Hunt, B.D. 93935
Vasquez, R.P. *see* Javadi, H.H.S. 97217
Vasquez-Espinosa, R. *see* Jimenez-Cedeno, M. 52341
Vasquez-Malebran, S. *see* Sazhin, S. 63663
Vass, D.G. *see* Underwood, I. 56444
Vass, D.G. *see* Worboys, M.R. 66623
Vassallo, C. Analysis of tapered mode transformers for semiconductor optical amplifiers 50797
Vassanyi, I. *see* Erenyi, I. 48718
Vassanyi, I. *see* Erenyi, I. 74288
Vassanyi, I. *see* Erenyi, I. 95764
Vasserman, I. *see* Danilov, V. 87823
Vasseur, P., Billat, A. Contribution to the development of a smart sensor using eddy currents for measurement of displacement 75918
Vassie, J.M. *see* Spencer, R. 99292
Vassilaki, I.E. Interception of telecommunications for criminal investigation—a comparative analysis 79206
Vassilakis, B., Hawthorne, E.G. Linear power amplifiers for digital cellular: an introduction 91907
Vassilakopoulos, V. *see* Graessle, S. 59062
Vassilatos, C. *see* Papaodysseus, C. 64429
Vassilevski, D., Borshchak, V.A., Vinogradov, M.S. Influence of tunnel effects on the kinetics of the photocapacitance in nonideal heterojunctions 62243
Vassilevski, P.S. *see* Lirkov, I.D. 79692
Vassilevski, P.S. *see* Margenov, S.D. 79721
Vassiliev, P.D. *see* Groshev, A.I. 99878
Vassiliev, S. *see* Conti, M. 59206
Vassiliou, P. *see* Kececioglu, D. 54625
Vasson, A. *see* Grandjean, N. 54827
Vasson, A.M. *see* Grandjean, N. 54827
Vastberg, A. RaTS, a system for ionospheric ray tracing 94813
Vastberg, A. *see* Lindstrom, R. 99172
Vastberg, A. *see* Lundborg, B. 94828
Vastola, K.S. *see* Ali, I. 65326
Vastola, K.S. *see* Kabatepe, M. 65317
Vasu, E., Nayar, C.V., Pack, D.R., Phillips, S.J., Leblanc, A. Modelling of a three phase diesel-battery-inverter hybrid energy system 89706
Vasu, E. *see* Nayar, C.V. 100976
Vasu, R.M., Boopathi, V. Deblurring in a noncoherent optical processing system: pupil function synthesis and experimental implementation 74324
Vasudev, N., Ravi, K.N., Mujumdar, A.K. Ageing studies of insulators under DC voltages 53778
Vasudev, N. *see* Bossi, S. 53777
Vasudev, N. *see* Ravi, K.N. 53783
Vasudev, N. *see* Ravi, K.N. 53784
Vasudev, P.K. *see* Otto, O.W. 71480
Vasudevan, S., Varanasi, M.K. Optimum diversity combiner based multiuser detection for time-dispersive Rician fading CDMA channels 65551
Vasudevan, S., Varanasi, M.K. Receivers for CDMA communication over time-varying Rayleigh fading channels 75196
Vasudevan, S. *see* Varanasi, M.K. 52333
Vasudevan, V., Vasi, J. A two-dimensional numerical simulation of oxide charge buildup in MOS transistors due to radiation 50003
Vasyukevich, V.O. Error detection in computer networks: new procedures of frame encoding and decoding 74945
Vatalaro, F. *see* Corazza, G.E. 75346
Vatel, O., Andre, E., Chollet, F., Dumas, P., Salvan, F. Atomic force microscopy studies of polysilicon growth during deposition on silicon 71068
Vatel, O. *see* Petri, R. 62467
Vater, H. Binary coding by integration of polynomials 95190
Vater, P. *see* Dwivedi, K.K. 88160
Vater, P. *see* Kocsis, Z. 88186
Vater, P. *see* Zhou Pei-De 88169
Vathke, J. *see* Dietrich, E. 97237
Vatrunin, V.E. *see* Selemir, V.D. 92895
Vattakhov, V.V. *see* Marchuk, L.A. 57454
Vaudenay, S. *see* Coppersmith, D. 83959
Vaudin, A. *see* Jenkins, N. 68500
Vaudo, R.P., Cook, J.W., Jr., Schetzina, J.F. Atomic nitrogen production in a molecular-beam epitaxy compatible electron cyclotron resonance plasma source 54881
Vaudo, R.P., Cook, J.W., Jr., Schetzina, J.F. Atomic nitrogen production in nitrogen-plasma sources used for the growth of ZnSe:N and related alloys by molecular-beam epitaxy 69941
Vaughan, B.J. *see* Shabestari, B.N. 87376
Vaughan, B.W. *see* Barruncho, L.M. 59753
Vaughan, B.W. *see* Esp, D.G. 60016
Vaughan, D.K. *see* Wojcik, G.L. 93765
Vaughan, I.D., Guebeli, M., Burrows, C.R. Fuel economy benefits with effective powertrain control 69172
Vaughan, J.M. *see* Harris, M. 94565
Vaughan, J.M. *see* Harris, M. 97442
Vaughan, J.M. *see* Morley, R.J. 65931
Vaughan, J.T., Hetherington, H.P., Otu, J.O., Pan, J.W., Pohost, G.M. High frequency volume coils for clinical NMR imaging and spectroscopy 98861
Vaughan, M.J., Hur, K.Y., Compton, R.C. Improvement of microstrip patch antenna radiation patterns 73521
Vaughan, M.R. *see* Osotchan, T. 93035
Vaughan, R., Ramacher, K., Bergeron, G. Jitter suppression in a CFA by the use of a field emitter array 62113
Vaughan, R.G. *see* Coulson, A.J. 64506
Vaughn, G. *see* Johnson, K.F. 76427
Vaughn, J.T., Cox, P.R., Rodrigue, G.P., Harrison, G.R. Ferrite phase shifters using stress insensitive garnet materials 82295
Vaughn, R.B., Saiedian, H., Unger, E.A. A proposed mechanism for implementation of non-discretionary access controls in a network environment 85738
Vaughn, V.D., Wilkinson, T.S., Kalman, L.S. Multispectral image compression for future LANDSAT remote sensing systems 96086
Vaupel, G. *see* Thanh-Nam Le 68064
Vaupel, T., Aroudaki, H., Hansen, V. Comparison of the radiation behaviour of circuits in a TEM cell and in free space with the aid of spectral-domain analysis 57128
Vauzelle, R., Corcuff, P. Compression of a digital terrain data base by Fourier analysis: Application to the continuous reconstitution of terrain profiles 73325
Vavassori, P. *see* Bertacco, R. 75982
Vavilov, V.S. Possibilities and limitations of ion implantation in diamond, and comparison with other doping methods 81423
Vavilova, Yu.A. *see* Smaev, V.P. 73181
Vavra, I., Lobotka, P., Machajdik, D., Pochaba, I., Wallenberg, L.R., Senderak, R., Jergel, M., Holy, V., Kubena, J. The influence of thermal processing on structural and electrical properties of W_xSi_{1-x}/Si multilayers 93048
Va'vra, J. *see* Abe, K. 88115
Va'vra, J. *see* Antilogus, P. 59064
Va'vra, J. *see* Antilogus, P. 59127
Vavra, Z., Toufar, J. Pressure dependences in the quenching chamber of a small circuit-breaker with SF_6 90283

Vawter, G.A., Klem, J.F., Leibenguth, R.E. Improved epitaxial layer design for real-time monitoring of dry etching in III-V compound heterostructures with depth accuracy of ±8 nm 93226
Vawter, G.A. *see* Bo Lu 50582
Vawter, G.A. *see* Cheng, J. 82866
Vawter, G.A. *see* Fritz, I.J. 63544
Vawter, G.A. *see* Hietala, V.M. 82727
Vawter, G.A. *see* Shul, R.J. 93215
Vaya, P.R. *see* Arbab Tafti, H. 50836
Vaynman, S. *see* Loomans, M.E. 79975
Vayrier, J., Brodin, C., Magli, S. Behavior of Sofradir detector dewar assembly under operational conditions 98012
Vayrynen, J. *see* Aksela, S. 53357
Vayshenker, I. *see* Shao Yang 87194
Vazeille, F. *see* Ariztizabal, F. 98518
Vazenmiller, E.A., Goldina, N.D. Rotating corrective mask for obtaining a uniformly thick coating in a vacuum system 91608
Vazhov, V.F., Kovalchuk, O.B., Minenkov, V.R., Shubin, B.G. Characteristics of a prototype preionizer for pulsed and pulse-periodic gas lasers 83225
Vazouras, C.N. *see* Rosich, R.K. 73320
Vazquez, C., Garcia, J., Yzuel, M.J., Ferreira, C. Post-heat treatment applied to correlation filters recorded on silver halide plates 57879
Vazquez, C. *see* Vizoso, B. 50484
Vazquez, D., Rueda, A., Huertas, J.L. A new strategy for testing analog filters 49541
Vazquez, E. *see* Alvarez-Campana, M. 58228
Vazquez, E. *see* Kvols, K. 65505
Vazquez, E. *see* Rumekasten, M. 65376
Vazquez, J.A.G. The Boolean processor of the 8051 microprocessor 55306
Vazquez, L., Albella, J.M., Sanchez, O., Gomez-Aleixandre, C., Martinez-Duart, J.M. Nucleation and initial stages of growth of diamond films on silicon 79968
Vazquez, L., Sanchez, O., Messeguer, F., Albella, J.M. STM nanometric study of the initial stages of diamond film growth: quantitative measurement of {111} and {100} surface roughness 71080
Vazquez, M., Gomez-Polo, C., Chen, D.-X., Hernando, A. Magnetic bistability of amorphous wires and sensor applications 71952
Vazquez, M., Gomez Polo, C., Velazquez, J., Hernando, A. Bending stresses and bistable behavior in Fe-rich amorphous wire 63174
Vazquez, M. *see* Chiriac, H. 71993
Vazquez, M. *see* Gonzalez, J. 71954
Vazquez, M. *see* Kraus, L. 71994
Vazquez, P.A. *see* Hultin, L. 69260
Vazquez, S.L. *see* Cooper, E.G. 53491
Vazquez Martinez, A. *see* de la Rosa, J. 87414
vd Herik, B. *see* Blankevoort, J. 66042
Vdovin, A.B. *see* Bashkirov, Yu.A. 82315
Vdovin, G., Sarro, L. Flexible reflecting membranes micromachined in silicon 71270
Vea, M.P. *see* Cain, W.C. 72156
Veale, F.J., Jr., Elliott, M.J., Gowen, P., Schomer, D. Standards talk: the greening of international standards 60750
Veas, D.R., Dixon, J.W., Boon-Teck Ooi A novel load current control method for a leading power factor voltage source PWM rectifier 60321
Veas, D.R. *see* Dixon, J.W. 100247
Veasel, B. *see* Ali, F. 80792
Veaux, J. *see* Gistau, G.M. 98391
Veca, G.M. *see* Geri, A. 64095
Veca, G.M. *see* Geri, A. 71959
Veca, G.M. *see* Geri, A. 82430
Vecchi, C.De *see* De Vecchi, C.
Vecchi, G., Labate, D., Canavero, F. Fractal approach to lightning radiation on a tortuous channel 83420
Vecchi, G. *see* Khursheed, A. 86902
Vecchi, G.P. *see* Chiorboli, G. 58636
Vecchi, M.C., Reyna, L.G. Generalized energy transport models for semiconductor device simulation 71555
Vecchi, M.C. *see* Ciampolini, P. 87062
Vecchia, B.D., Mastroianni, G., Vertesi, P. Simultaneous approximation by Hermite interpolation of higher order 69810
Vechinski, D.A., Rao, S.M., Sarkar, T.K. Transient scattering from three-dimensional arbitrarily shaped dielectric bodies 51057
Vechinski, D.A. *see* Gothard, G.K. 64125
Vechkanov, N.N. *see* Anoikin, E.V. 56334
Vecht, A., Smith, D.W., Chadha, S.S., Gibbons, C.S., Koh, J., Morton, D. New electron excited light emitting materials 63562
Veciana, G.de *see* de Veciana, G.
Veck, N. *see* Peters, E.R. 77228
Veck, N.J. *see* Sephton, A.J. 77448
Vecsernyes, S. *see* Pomp, H.G. 93171
Vecsey, G. *see* Blau, B. 82440
Vecsey, G. *see* Fuchs, A.M. 94005
Vecsey, G. *see* Marinucci, C. 87678
Vedavathy, T.S., Tripathi, A. Stacked superconductor structure for microwave transmission 61863
Vedel, C. Improved storage and reconstruction of light intensities on surfaces 95806
Vedel, J. *see* Guillemoles, J.F. 79877
Vedel, J. *see* Guillemoles, J.F. 90397
Vedel, J. *see* Ortega-Borges, R. 79875
Vedel, J. *see* Thouin, L. 81260
Vedeneev, A.S., Gaivoronskii, A.G., Zhdan, A.G., Rylkov, V.V., Tkach, Yu.Ya., Modelli, A. Field effect in weakly compensated Si under condition of impurity conduction 55532
Vedenyapin, A.B. *see* Bel'skii, Yu.L. 88496
Vedrine, P., Rifflet, J.M., Perot, J., Gallet, B., Lyraud, C., Giovannoni, P., Le Coz, F., Siegel, N., Tortschanoff, T. Mechanical tests on the prototype LHC lattice quadrupole 87794
Vedrine, P. *see* Orrell, D. 87680
Vedrine, P. *see* Rifflet, J.M. 87792
Veen, A.van *see* van Veen, A.
Veen, B.D.Van *see* Van Veen, B.D.
Veen, E.van der *see* van der Veen, E.
Veen, G.N.A.van *see* van Veen, G.N.A.
Veenadhari, B. *see* Lakshmi, D.R. 97020
Veenstra, L. *see* Davis, J.A. 86907
Veera Raju, V. *see* Sarma, N.D.R. 59777
Veeramani, D. *see* Swaminathan, R. 48851
Veeraraghavan, M., La Porta, T.F. Object-oriented analysis of signalling and control in broadband networks 65438
Veeraraghavan, M. *see* La Porta, T.F. 85908
Veeraraghavan, M. *see* La Porta, T.F. 96780
Veerasamy, V.S., Amaratunga, G.A.J., Park, J.S., Milne, W.I., MacKenzie, H.S., McKenzie, D.R. Photoresponse characteristics of n-type tetrahedral amorphous carbon/p-type Si heterojunction diodes 50679
Veerasamy, V.S. *see* Davis, C.A. 61390
Veerasamy, V.S. *see* Davis, C.A. 62411
Veerasamy, V.S. *see* McKenzie, D.R. 70083
Vega, A.S.de la *see* de la Vega, A.S.
Vega, F., Serna, R., Afonso, C.N., Bermejo, D., Tejeda, G. Relaxation and crystallization kinetics of amorphous germanium films by nanosecond laser pulses 62370
Vega, F. *see* Afonso, C.N. 93178
Vega, P. *see* de Prada, C. 53897
Vega, W.Fernandez de le *see* Fernandez de le Vega, W.
Vega-Pineda, J. *see* Cabrera, S.D. 75565
Vegas, A. *see* Vielva, L.A. 51163
Vegas, A. *see* Vielva, L.A. 70829
Vegfors, M., Lindberg, L.-G., Pettersson, H., Oberg, P.A. Presentation and evaluation of a new optical sensor for respiratory rate monitoring 98860
Vegh, G. *see* Kormany, T. 82082
Veglis, A. *see* Pombortsis, A. 96413
Vegni, L. *see* Toscano, A. 73474
Vegni, L. *see* Toscano, A. 83645
Vehel, J.Levy *see* Levy Vehel, J.
Vei-Han Chan, Chung, J.E. Two-stage hot-carrier degradation and its impact on submicron LDD NMOSFET lifetime prediction 93412
Veijanen, A. Unsupervised image segmentation using an unlabeled region process 57876
Veiko, V.P., Chuiko, V.A., Fomichev, P.A., Kostyuk, G.K., Kromin, A.K., Shakola, A.T., Yakovlev, E.B. Laser technologies for miniature optical elements: approaches and solutions 50544
Veiko, V.P., Kromin, A.K., Yakovlev, E.B. Laser fabrication of MOC based on soft laser heating of glass and glass-like materials 50546
Veillard, D.H., Ganapathi, S.K., Smith, P.W. Real-time tracking of the head-disk separation using laser heterodyne interferometry. I. Instrumentation 50269
Veillard, D.H. *see* Smith, P.W. 50270
Veillas, C. *see* Pigeon, F. 87231
Veillette, R. *see* Srinivasan, A. 61220
Veillette, R. *see* Srinivasan, A. 61233
Veilleux, N.M., Ostendorf, M. Probabilistic parse scoring with prosodic information 73843
Veillon, F. *see* Mohr, R. 96032
Veinovic, M.D.J., Kovacevic, B.D., Milosavljevic, M.M. Robust non-recursive AR speech analysis 57423
Veintemillas, S. *see* Espinosa, E. 50441
Veirman, A.E.M.de *see* de Veirman, A.E.M.
Veitch, D. Novel models of broadband traffic 85501
Veitch, R.J., Held, E., Jakusch, H., Korner, R. Chromium dioxide recording tape with an extremely narrow switching field distribution 50284
Veitch, R.J. *see* Richter, H.J. 50308
Veith, G. *see* Pfeiffer, Th. 94416
Vejcik, S. *see* Amidei, D. 98639
Vejcik, S. *see* Derwent, P.F. 76784
Vekas, L. *see* Popa, N.C. 76269
Vekselman, A.M. *see* Darling, G.D. 81637
Vel, O.de *see* de Vel, O.
Vela, G.deM., Jimenez Rodriguez, F.J., Martinez Madrid, J.J., Casar Corredera, J.R. Robust adaptive detection of optical patterns in low resolution airborne radar images 77685
Vela, G.DeM. *see* Madrid, J.J.M. 67907
Vela, O.A. *see* Roberts, R.S. 99390
Velaga, A., Brown, J., Lindholm, D. Benchmarking of temperature measurement and control capability of commercially available rapid thermal processor (RTP) systems 62344
Velaga, A.N. *see* Obeng, Y.S. 81393
Velamuri, R., Landsberg, P.J., Zukowski, C.A. A multi-queue flexible buffer manager architecture 74869
Velasco, S.Ollero *see* Ollero Velasco, S.
Velastin, S.A., Chengping Xu Line and circle finding by the weighted Mahalanobis distance transform and extended Kalman filtering 85183
Velastin, S.A. *see* Fini, M. 85182
Velastin, S.A. *see* Rupp, A. 87166
Velayo, R.S. Supplementary classroom instruction via computer conferencing 58234
Velayudhan, N. *see* de Vries, M.J. 98066
Velazco, R. *see* Bessot, D. 70470
Velazco, R. *see* Estreme, F. 70579
Velazquez, J. *see* Vazquez, M. 63174
Velculescu, V.G. *see* Miron, N. 87122
Velde, C.Vander *see* Vander Velde, C.
Velders, A.M. CaDI, cable distribution, interactive, a structured way to get feedback 97672
Veldhoven, P.J.van *see* van Veldhoven, P.J.
Veldkamp, W. *see* Mitropoulos, S. 58071
Velebir, J., Jr. *see* Lai, R. 70913
Velebir, J.R. *see* Kobayashi, K.W. 55434
Velente, E. *see* Mirabelli, G. 62952
Velez, D.M. *see* LeGrange, J.D. 63410
Velez, M. *see* Gonzalez, J.M. 93878
Velez-Reyes, M., Verghese, G.C. Robust decomposed algorithms for speed and parameter estimation in induction machines 89945
Velezquez, J.E. *see* Martin, M.J. 71081
Velghe, R.M.D.A., Klaassen, D.B.M., Klaassen, F.M. Compact MOS modeling for analog circuit simulation 93661
Velicescu, M., Wall, B., Rodewald, W., Reppel, G.W. Improvement of the density of metal-bonded $Sm_2Fe_{17}N_x$ ($x \approx 3$) magnets 49022
Velicescu, M. *see* Wall, B. 72020
Velichansky, V.L. *see* Weimer, C.S. 86923
Velickovic, D. *see* Nikezic, D. 88154
Veliodis, V. *see* Jensen, J.R. 59506
Velkov, K.S., Beraha, D., Lupas, O. Real-time 3-D PWR core model 99895
Vella, M. *see* Lukaszek, W. 62366
Vella, M.C. *see* Chan, C.F. 76421
Vellacott, O. CMOS in camera 58837
Vellaikal, M. *see* Singh, J. 91624
Vellanki, J. *see* Rao, M.V. 91421
Velleaud, G. *see* Laurent, A. 90278
Vellego, G. *see* Fabbricatore, P. 82476
Vellekoop, M.J., Lubking, G.W., Sarro, P.M., Venema, A. Evaluation of liquid properties using a silicon Lamb wave sensor 63117
Vellekoop, M.J., Lubking, G.W., Sarro, P.M., Venema, A. Integrated-circuit-compatible design and technology of acoustic-wave-based microsensors 87154
Vellekoop, M.J. *see* Kovacs, G. 66508
Vellekoop, M.J. *see* van Kampen, R.P. 66240
Vellenga, D.G. *see* Palmer, W.D. 92875
Vellenga, J.H. A mathematical level/strength model for synthesizing STD-LOGIC-1164 values 55074
Veller, A. *see* Punie, Y. 96739
Vellvehi, N. *see* Flores, D. 81927
Velo, L. *see* Moslehi, M. 93626
Velo, L. *see* Moslehi, M.M. 71800
Velo, L. *see* Moslehi, M.M. 90920
Velo, L.A. *see* Moslehi, M.M. 62356
Veloso, J.F.C.A., Conde, C.A.N. Incidence angle dependence of the quantum efficiency uniformity of photomultipliers 81157
Velsko, S.P., Ebbers, C.A., Comaskey, B., Albrecht, G.F., Mitchell, S.C. 100 W average power at 0.53 μm by external frequency conversion of an electro-optically Q-switched diode-pumped power oscillator 63702
Velsko, S.P. *see* Comaskey, B. 94402
Velthaus, K.O. *see* Troppenz, U. 72574
Velthuijsen, H. *see* Bouma, L.G. *(editor)* 90756
Veltink, P.H. *see* Stroeve, S.H. 53460
Veltman, A., van den Bosch, P.P.J., Gorter, R.J.A. Fish Method based state estimation for controlling inverter driven machines 100849
Veltman, A. *see* Gorter, R.J. 60240
Veltman, A. *see* Gorter, R.J.A. 100138
Velu, E.M.T., Lambeth, D.N., Thornton, J.T., Russell, P.E. AFM structure and media noise of SmCo/Cr thin films and hard disks 63179
Vembu, S., Verdu, S., Kennedy, R.A., Sethares, W. Convex cost functions in blind equalization 74633
Vemuri, R., Vemuri, R. Genetic algorithm for MCM partitioning 70255
Vemuri, R., Vemuri, R. MCM layer assignment using genetic search 92824
Vemuri, R. *see* Vemuri, R. 70255
Vemuri, R. *see* Vemuri, R. 92824
Vemuri, S. *see* Brown, B.L. 87663
Vemuri, S. *see* Vickers, V.L. 89010
Vemuru, S.R. Scaling of serially-connected MOSFET chains 49277
Ven, J.van de *see* van de Ven, J.
Vena, L.De *see* De Vena, L.
Venable, H.D. Testing power factor correction circuits for stability 60371
Venable, T.L. *see* Yializis, A. 80926
Venables, B.D. *see* Grover, W.D. 86049
Venables, D., Krause, S.J., Park, J.C., Lee, J.D., Roitman, P. Effect of single vs. multiple

implant processing on defect types and densities in SIMOX 93143
Venbrux, J. *see* Maki, G. 54388
Venbrux, J. *see* Wiseman, D. 70339
Vendik, I.B. The limitation of the parameters of a one-bit phase shifter based on S-N transition in high-T_c superconductors 92512
Vendik, I.B., Ter-Martirosyan, L.T. Use of high-temperature superconducting structures in cooled microwave phase shifters 55396
Vendik, O., Mironenko, I., Ter-Martirosyan, L. Superconductors spur application of ferroelectric films 73536
Vendik, O.G., Popov, A.Yu. Current distribution in the cross section and the resistance per unit length of a superconducting microstrip line 49613
Vendik, O.G. *see* Hollmann, E.K. 80750
Vendin, S.V. Investigation of the electrical field intensity in seed during UHF-disinfestation 79067
Vendrame, L. *see* Verzellesi, G. 62709
Vendrame, L. *see* Zanoni, E. 62725
Vendura, G.J., Jr., Malone, P., Crawford, L. A novel, light weight solar array: comparison with conventional systems 99104
Venediktov, V.Yu. *see* Leshchev, A.A. 50655
Venema, A. *see* Kovacs, G. 66508
Venema, A. *see* Vellekoop, M.J. 63117
Venema, A. *see* Vellekoop, M.J. 87154
Venema, J.C. *see* Looyen, W.J. 77618
Venema, L.B. *see* Gabler, A.R. 67416
Venema, R.-J. *see* Linnartz, J.-P.M.G. 51788
Venema, T.L. *see* Wingfield, S.L. 88932
Venendaal, R., Stassen, H.E.M. Waste gasification as yet supplies less electricity 89583
Veness, R. *see* Artoos, K. 94019
Venetsanopoulos, A.N. *see* Argenti, F. 57783
Venetsanopoulos, A.N. *see* Ilow, J. 96407
Venetsanopoulos, A.N. *see* Lin, H. 95702
Venetsanopoulos, A.N. *see* Loui, A. 57768
Venetsanopoulos, A.N. *see* Masoomzadeh-Fard, A. 85084
Venetsanopoulos, A.N. *see* Mertzios, B.G. 57574
Venetsanopoulos, A.N. *see* Ping Yu 85087
Venetsanopoulos, A.N. *see* Ping Yu 95991
Venetsanopoulos, A.N. *see* Zeng, B. 85032
Venetsanopoulos, A.N. *see* Zhang, Y. 84425
Venetucci, J., Nagel, C., Rettberg, L., Johnson, J. Dual fuel/LOX NO_x conversion of three oil fired burners at Commonwealth Edison's Collins station 89649
Veneva, A. *see* Nedkov, I. 72212
Venezia, W.A., Aycock, J.N. Test and evaluation of a midwater three dimensional underwater tracking array 99401
Venezian, G. On the resistance between two points on a grid 91857
Veneziano, S. *see* Moers, T. 67364
Veneziano, S. *see* Petrolo, E. 53107
Vengalis, B. *see* Tselik, V. 57296
Vengsarkar, A.M., Qian Zhong, Inniss, D., Reed, W.A., Lemaire, P.J., Kosinski, S.G. Birefringence reduction in side-written photoinduced fiber devices by a dual-exposure method 82547
Vengsarkar, A.M. *see* Inniss, D. 82597
Vengsarkar, A.M. *see* Poole, C.D. 97341
Veniaminov, A.V. *see* Popov, A.P. 64036
Veniaminov, A.V. *see* Popov, A.P. 64037
Veniard, V. *see* Maquet, A. 73069
Venier, P. *see* Poize, M. 80472
Venieris, I.S., Mourelatou, K.E., Kalogeropoulos, N.D. Bandwidth allocation and service class priority handling in a VP-based optical access network 52533
Venieris, I.S., Sanchez-Papaspiliou, J.-A., Anagnostou, M.E. Interworking functions effect on bandwidth allocation for LAN-BISDN interconnection 65366
Venieris, I.S., Sanchez-P, J.-A., Tsiotsios, E.N. Architecture and performance of ATM interworking units 65525
Venieris, I.S. *see* Angelopoulos, J.D. 52536
Venieris, I.S. *see* Angelopoulos, J.D. 85319
Venieris, I.S. *see* Haduong, T. 58163
Venieris, I.S. *see* Hou, X. 65436
Venieris, I.S. *see* Stassinopoulos, G.I. 65442
Venieris, I.S. *see* Toniatti, T. 57969
Venigalla, S., Bendale, P., Chodelka, R.E., Adair, J.H., Costantino, S.A. Preparation and characterization of barium titanate electrolytic capacitors by anodic oxidation of porous titanium bodies 49687
Venkaiah, V.C. *see* Lakshmikantham, V. 54759
Venkat Rangan, P. Managing multimedia collaborations 85476
Venkat Rangan, P., Kaeppner, T., Vin, H.M. Techniques for efficient storage of digital video and audio 66035
Venkata, S.S. *see* Enns, M. 68292
Venkata, S.S. *see* Sumic, Z. 99561
Venkata, S.S. *see* Wei, X.-G. 89231
Venkata, S.S. *see* Yeh, E.-C. 89232
Venkatakrishnan, V. Parallel computation of Ax and A^Tx 79698
Venkataram, P. *see* Chockalingam, A. 58138
Venkataram, P. *see* Gang Luo 65060
Venkataraman, R. Flexible system interface ASIC for FDDI adapter 93570
Venkataraman, S., Khammash, M.H., Vittal, V. Enhancement of power system transmission using robust control design 89161
Venkataraman, V. *see* Matutinovic-Krstelj, Z. 93340
Venkataramanan, G. Evaluation of inverter topology options for low inductance motors 68768
Venkatasubramanian, R., Timmons, M.L. Optoelectronic properties of eutectic-metal-bonded (EMB) GaAs-AlGaAs structures on Si substrates 82848
Venkatasubramanian, R., Timmons, M.L., Colpitts, T.S., Hancock, J., Hills, J., Hutchby, J.A., Iles, P., Chu, C.L. Development of high-efficiency $Al_{0.2}Ga_{0.8}As$ solar cells and interconnect schemes for $Al_{0.2}Ga_{0.8}As$/Si mechanically-stacked cascade cells 100688
Venkatasubramanian, R., Timmons, M.L., Sharps, P.R., Hutchby, J.A. 15.8%-efficient (1-sun, AM1.5G) GaAs solar cell on optical-grade polycrystalline Ge substrate 100679
Venkatasubramanian, R. *see* Hutchby, J.A. 100443
Venkatasubramanian, R. *see* Rodrigues, R.G. 100677
Venkatasubramanian, R. *see* Sharps, P.R. 100668
Venkatasubramanian, V., Schattler, H., Zaborszky, J. Analysis of the tap changer related voltage collapse phenomena for the large electric power system 77817
Venkatasubramanian, V., Schattler, H., Zaborszky, J. Analysis of local bifurcation mechanisms in large differential-algebraic systems such as the power system 89045
Venkataswamy, S. *see* Ojo, O. 54078
Venkatesan, R. *see* Singh, K.P. 96156
Venkatesan, S., Pierret, R.F., Neudeck, G.W. A new linear sweep technique to measure generation lifetimes in thin-film SOI MOSFET's 49981
Venkatesan, S., Subramanian, C., Neudeck, G.W., Denton, J.P. Thin-film silicon-on-insulator (SOI) device applications of selective epitaxial growth 92424
Venkatesan, S. *see* Alagar, S. 74699
Venkatesan, S. *see* Siekkinen, J.W. 55919
Venkatesan, T. *see* Bhattacharya, S. 66358
Venkatesan, T. *see* Lai, Y.S. 100787
Venkatesan, T. *see* Yilmaz, S. 82712
Venkatesan, V. *see* Das, K. 81340
Venkatesh, D. *see* Little, T.D.C. 66026
Venkatesh, D. *see* Little, T.D.C. 74791
Venkatesh, S. *see* Kisworo, M. 51597
Venkatesh, S.S. *see* Psaltis, D. 74170
Venkatesh, Y.V., Ramani, K., Nandini, R. Hermite sieve as a wavelet-like array for 1D and 2D signal decomposition 95471
Venkateswaran, S., Schwer, D.A., Merkle, C.L. Numerical modeling of waveguide heated microwave plasmas 53520
Venkateswarlu, D.S. *see* Kartikeyan, M.V. 55516
Venkateswarlu, D.S. *see* Narashimha Rao, E.V.R. 71040
Venkateswarlu, D.S. *see* Sil, A. 81125
Venkateswarlu, N.B., Balaji, S., Raju, P.S.V.S.K., Boyle, R.D. Some further results of three stage ML classification applied to remotely sensed images 88752
Venkateswarlu, P. *see* Kukhtarev, N. 50977
Venkateswarlu, P. *see* Reddy, B.R. 56897
Venkateswarlu, P. *see* Sharma, A. 73054
Venkateswarlu, P. *see* Sharma, A. 82582
Venkatraman, B.R. Subscriber profile manager: a customer network management tool 51983
Venkatraman, B.R., Newman-Wolfe, R.E. Transmission schedules to prevent traffic analysis 65312
Venkatraman, C. *see* Yee-Hsiang Chang 52716
Venkatraman, P., Baliga, B.J. Large area MOS-gated power devices using fusible link technology 55972
Venkatraman, P. *see* Tsengyou Syau 55989
Venkatraman, S. *see* Choi, D. 92428
Venkatraman, S.S. Anytime, anywhere—the flexible networking environment of wireless LANs 96673
Venkatramani, N. *see* Dixit, N.S. 60483
Vennart, W. *see* Spaniol, J. 98797
Vennat, J.C., Besse, G., Sanzelle, S., Doly, M., Gaillard, G. A program for automatic acquisition and processing of electroretinograms obtained in vivo in albino rats 98900
Venne, A. *see* Nakra, H. 89064
Venning, R.G. What should we do? [lighting environmental impact] 54249
Venot, D., Barillet, R., Audoin, C. A possibility of reducing the effect of interrogation phase noise on the frequency stability in passive frequency standards 86870
Venter, I. Solar power can help solve electrification problems 89744
Venter, M.A.H. *see* van Schalkwyk, J.J.D. 65207
Venter, W.C. *see* Bodenstein, C.P. 97408
Vento, D.De *see* De Vento, D.
Ventouras, S. *see* Kanellopoulos, J.D. 57119
Ventre, G. *see* Parris, C.J. 85540
Ventre, G. *see* Szyperski, C. 85289
Ventre, G. *see* Szyperski, C. 96777
Ventresca, M., Tsai, M.C. An active PsHEMT sub-harmonically pumped mixer 80857
Ventresca, M. *see* Tsai, M.C. 80198
Ventresca, M. *see* Tsai, M.C. 80812
Ventrice, C.A. *see* Mistry, S.D. 82932
Ventrone, S. *see* Bechade, R. 92285
Ventruella, D.J., Traill, J. Cascade ground fault investigation 77878
Ventura, G. *see* Cesarsky, C.J. 52955
Ventura, G. *see* Lanzi, L. 98009
Ventura, G. *see* Nikl, M. 80900
Ventura, J.A. *see* Grinde, R.B. 69620
Ventura, P., Desbois, J., Boyer, L. A mixed FEM/analytical model of the electrode mechanical perturbation for SAW and PSAW propagation 92346
Ventura, P., Solal, M., Dufilie, P., Chamaly, S. A global optimization procedure for SPUDT filters 93813
Ventura, S. *see* Benetti, P. 67327
Ventura, S. *see* Benetti, P. 67328
Ventura, S. *see* Cennini, P. 67285
Ventura, S. *see* Cennini, P. 76755
Venturi, F. *see* Abramo, A. 62629
Venturi, F. *see* Allodi, L. 55173
Venturi, T. *see* Bondi, M. 58518
Venturini, M., Leonardi, F. High torque, low speed joint actuator based on PM brushless motor and magnetic gearing 68922
Ventzas, D.E., Angelopoulos, A. Laser particle size analysis 98298
Ventzek, P.L.G. *see* Choi, S.J. 71397
Venugopal, S. *see* Ranganathan, N. 93606
Venugopal Rao, G. *see* Amarendra, G. 87661
Venugopal Reddy, P. *see* Devender Reddy, V. 49782
Venugopalan, S.I. *see* Paul, D. 68311
Venugopalan, S.I. *see* Paul, D. 89382
Venuti, G. *see* Marchisio, P. 65147
Venuto, D.De *see* De Venuto, D.
Venuvinod, P.K., Rao, K.P. A mechatronic engineering curriculum for professional education 69397
Venzel, E. The approximative method of stochastic network model analysis 61492
Venzon, J.E. *see* Barber, H.B. 98851
Veprek, S. *see* Bohme, W. 49839
Veque, V. *see* Fourneau, J.-M. 74670
Ver Ploeg, E.P., Nguyen, C.T., Wong, S.S., Plummer, J.D. Parasitic bipolar gain in fully depleted n-channel SOI MOSFET's 62794
Ver Ploeg, E.P., Watanabe, T., Kistler, N.A., Woos, J.C.S., Plummer, J.D. Elimination of bipolar-induced breakdown in fully-depleted SOI MOSFETs 62829
Ver Ploeg, E.P. *see* Nguyen, C.T. 50012
Verardi, P. *see* Caliendo, C. 93734
Verbauwhede, I.M., Scheers, C.J., Rabaey, J.M. Memory estimation for high level synthesis 91787
Verbeck, B.H. *see* Pennings, E.C.M. 72360
Verbeck, C., Gaucher, P. Nuclear evaluation of PZT thin films for non volatile memories 71882
Verbeeck, R. *see* Vandermeulen, D. 98796
Verbeek, B.H. *see* Bouda, M. 94144
Verbeek, B.H. *see* de Waardt, H. 58417
Verbeek, B.H. *see* Soldano, L.B. 50552
Verbeek, B.H. *see* van Tartwijk, G.H.M. 83066
Verbeek, P. Nuclear fuel, the Belgian approach 99867
Verbeek, P.W., van Vliet, L.J. On the location error of curved edges in low-pass filtered 2-D and 3-D images 74304
Verbeek, P.W. *see* Van Vliet, L.J. 57682
Verber, C.M. *see* Gallo, J.T. 94688
Verber, C.M. *see* Tan, R.K. 96900
Verberne, J.F.C. *see* van den Bosch, P.J. 98763
Verbeyst, F., Bossche, M.V. The Volterra input-output map of a high frequency amplifier as a practical alternative to load-pull measurements 91913
Verbeyst, F., Vanden Bossche, M. VIOMAP, the S-parameter equivalent for weakly nonlinear RF and microwave devices 80660
Verbiest, W. *see* Calvet, J.D. 96424
Verbiest, W. *see* Deloddere, D. 52717
Verbiest, W. *see* Petit, G.H. 86778
Verbitskaya, E. *see* Li, Z. 76763
Verbitskaya, E.M., Eremin, V.K., Konnikov, S.G., Strokan, N.B., Bortnyanskii, A.L., Klopenkov, M.L., Pavlovets, M.V., Afonin, O.F., Viktorov, B.V. High depth resolution Rutherford backscattering method for assessing high-T_C structures 58995
Verbitskiy, I.L., Kamenskiy, S.N. Application of generalized projection method to calculation of a step waveguide junction. H-polarization case 83771
Verbovetskii, A.A., Shilov, I.A. Aspects of creating multicontact fiber-optic connectors 56332
Verbovoi, P.F. Problems in the creation of a controllable AC electric drive 90561
Verbrugge, M.W. *see* Carpenter, M.K. 91559
Verbrugh, S.M., Tans, S.J., de la Court, P., Harmans, C.J.P.M., Mooij, J.E. Single electron turnstile as a current standard 66641
Verbryke, P., Garcia, E.L. Gas turbines ease power shortage in Colombia 68458
Verbugt, D. *see* Centen, P. 97689
Vercauteren, S. *see* Lin, B. 96266
Vercelli, J.-M. *see* Legrand, J. 88843

Vercelli, R. SMDS management in Europe: specs and prototype implementation 52010
Vercelli, R., Ghiggino, P. Build a gigabit MAN with ETSI/IEEE DQDB standard compliant nodes 96641
Vercelli, R. *see* Gavi, L. 51967
Vercellin, E. *see* Baglin, C. 59083
Vercellone, V. *see* Di Concetto, M. 65539
Vercellotti, J.F. *see* Hoffmann, G.F. 79202
Verdaasdonk, J. *see* Vorenkamp, P. 92323
Verde, P. *see* Caramia, P. 49522
Verde, P. *see* Caramia, P. 77806
Verdecchia, M. *see* Cennini, P. 67285
Verdecchia, M. *see* Cennini, P. 76755
Verdelho, P., Marques, G.D. Decoupled model of the PWM voltage converter connected to the AC mains 90153
Verderer, R. *see* Siminovitch, M. 69209
Verdeyme, S. *see* Baillargeat, D. 92470
Verdeyme, S. *see* Madrangeas, V. 73440
Verdi, L., Miotello, A., Kelly, R. Oxide growth at a Si surface 49884
Verdi, L., Miotello, A., Kelly, R. Oxide growth at a Si surface and role of radiation effects 71349
Verdiell, J.-M., Koch, T.L., Miller, B.I., Young, M.E., Koren, U., Storz, F., Brown-Goebeler, K.F. A WDM receiver photonic integrated circuit with net on-chip gain 86362
Verdier, A. Higher order tune derivatives due to low-β insertions 66915
Verdier, A., Chappelier, J.-C. An automatic finder of field defects in a large A.G. machine 66886
Verdier, A., Chappelier, J.-C. Automatic and expert systems for orbit analysis 66887
Verdier, J., Llopis, O., Dienot, J.M., Plana, R., Andre, P., Graffeuil, J. Collapse and large signal modelling of GaAs field effect transistors at 77 K 62885
Verdier, J. *see* Llopis, O. 80718
Verdier, M., Morros, J., Pere, D., Shell, N., Harris, I.R. Stability of Nd-Fe-B powders obtained by hydrogen decrepitation 71949
Verdier, M. *see* Gutfleisch, O. 50214
Verdier, M. *see* Gutfleisch, O. 72018
Verdiere, J.M.Colin de *see* Colin de Verdiere, J.M.
Verdu, G. *see* Rodenas, J. 66797
Verdu, S., Te Sun Han A general formula for channel capacity 95047
Verdu, S. *see* Steinberg, Y. 73582
Verdu, S. *see* Te Sun Han 95051
Verdu, S. *see* Vembu, S. 74633
Verdyck, D., Belmans, R. A vibrational model using modal shapes and magnetic forces: experimental results for a permanent magnet machine 100058
Veremeenko, I.S. *see* Busyrev, A.I. 53854
Veremey, V.V., Kostenko, A.A., Kuz'michev, I.K., Poyedinchuk, A.E., Khlopov, G.I. Excitation loss of open resonators 80577
Veresov, A.V. *see* Zemskii, V.I. 76103
Veretel'nik, V.V. *see* Rvachev, V.L. 79711
Verfondern, K. *see* Schmidtchen, U. 90884
Verfurth, R. A posteriori error estimates for nonlinear problems. Finite element discretizations of elliptic equations 48828
Vergamini, A. *see* Young, A. 67369
Verger, L. *see* Cuzin, M. 59241
Vergese, J. *see* Grossman, B. 52938
Vergese, J. *see* Grossman, B. 98058
Verghese, G.C. *see* Bhathena, F. 89849
Verghese, G.C. *see* Eissa, M.O. 68807
Verghese, G.C. *see* Karl, W.C. 51665
Verghese, G.C. *see* Velez-Reyes, M. 89945
Verghese, N.K. *see* Stanisic, B.R. 49574
Vergne, P. Candidate fluids for high-pressure piston standards: state of the art and possible trends 66746
Verguld, M.M.F., Seegers, M.C. Solderballing: just a matter of the right reflow environment??? 92744
Verhaard, L. *see* Bouma, W. 96862
Verhaege, K., Roussel, P.J., Groeseneken, G., Maes, H.E., Gieser, H., Russ, C., Egger, P., Guggenmos, X., Kuper, F.G. Analysis of HBM ESD testers and specifications using a fourth-order lumped element model 82011
Verhaege, T., Bekhaled, M., Laumond, Y., Pham, V.D., Thomas, P., Therond, P.G. Superconducting fault current limiters 53840
Verhaege, T., Cottevieille, C., Weber, W., Thomas, P., Therond, P.G., Laumond, Y., Bekhaled, M., Pham, V.D. Progress on superconducting current limitation project for the French electrical grid 89367
Verhaege, T., Estop, P., Tavergnier, J.P., Bonnet, P., Lacaze, A., Laumond, Y., Ansart, A. A new step in AC superconducting conductors 89292
Verhaege, T. *see* Herrmann, P.F. 59973
Verhaeghe, B. Speech technologies: The algorithm software that lets DSP OEMs talk to mass markets 73923
Verhas, P. *see* Tarnay, K. 55061
Verhaverbeke, S., Iacovacci, M., Mertens, P., Meuris, M., Heyns, M., Schreutelkamp, R., Maex, K., Alay, J., Vandervorst, W., De Blank, R., Kubota, M., Philipossian, A. A high-selectivity native oxide removal process for native oxide free processes 62494
Verhaverbeke, S. *see* Mertens, P.W. 71400
Verhaverbeke, S. *see* Schmidt, H.F. 62457
Verhaverbeke, S. *see* Werkhoven, C. 62493
Verhelst, W., Roelands, M. An overlap-add technique based on waveform similarity (WSOLA) for high quality time-scale modification of speech 84089
Verhille, H. *see* Deloddere, D. 52717
Verho, P. *see* Jarventausta, P. 68329
Verho, P. *see* Jarventausta, P. 68337
Verhoef, L.A. *see* Leguijt, C. 94252
Verhoef, L.A. *see* Lolgen, P. 100644
Verhoef, L.A. *see* Weeber, A.W. 81491
Verhoest, P. *see* Punie, Y. 96739
Verhoeven, H.J., Huijsing, J.H. An integrated gas flow sensor with high sensitivity, low response time and a pulse-rate output 58693
Verhulst, A.G.H. *see* van Haaren, J.A.M.M. 53001
Verhulst, E. Virtuoso. Providing sub-microsecond context switching on DSPs with a dedicated nanokernel 70646
Verie, C. *see* Zahraman, K. 100681
Verissimo, P., Vogels, W. The changing face of technology in distributed systems 96775
Verkerk, U.H. *see* Brzozka, Z. 58665
Verlan, I.I. An explicit method of bidimensional $C^{2,2}$ interpolation using splines 91347
Verlan, V.I. *see* Andriesh, A.M. 93094
Verleysen, M., Thissen, P., Voz, J.-L., Madrenas, J. An analog processor architecture for a neural network classifier 61836
Verlinden, P. *see* Tilford, C.L. 100724
Verlinden, P.J., Swanson, R.M., Sinton, R.A., Crane, R.A., Tilford, C., Perkins, J., Garrison, K. High-efficiency, point-contact silicon solar cells for Fresnel lens concentrator modules 100613
Verlinden, P.J. *see* Sinton, R.A. 100629
Verly, J.G. *see* Dudgeon, D.E. 75631
Verma, A. *see* Shin, J. 79864
Verma, A.K., Hassani Sadr, G. Determination of the open-end discontinuity and resonance frequency of a suspended microstrip using the SLR technique 73449
Verma, A.K., Jha, K.K., Prasad, S.C. Propagation delay in radio signals due to tropospheric thermal lenses 51108
Verma, D. *see* Sharma, R.K. 72558
Verma, K.K. *see* Khare, N. 63297
Verma, L.K. Studies on an aluminium-carbon cell 68940
Verma, R. *see* Kumar, L. 71052
Verma, S., Russell, T.W.F., Birkmire, R.W. The effect of O_2 on H_2Se selenization in a continuous flow reactor 100498
Verma, S. *see* Russell, T.W.F. 90440
Verma, S.C., Nakamura, K., Naito, K., Sone, M., Kurebayashi, H. A new variant of sparse approach for fast power flow computation employing pipe line processor 68011
Verma, S.K. *see* Sharma, S.P. 88839
Verma, S.K., Sr. Portable approach landing system design 88713
Verma, S.M. *see* Singh, R.A. 55581
Verma, S.P., Balan, A. Determination of radial-forces in relation to noise and vibration problems of squirrel-cage induction motors 78619
Vermeer, W.J. *see* Smith, A.G. 98549
Vermeeren, L., Bijnens, N., Huyse, M., Kudryavtsev, Y.A., Van Duppen, P., Wauters, J., Qamhieh, Z.N., Thoen, P., Vandeweert, E., Silverans, R.E. An on-line laser ion source based on resonance photoionization in a gas cell 98485
Vermeersch, M. *see* Malengreau, F. 49011
Vermeire, B. *see* Depas, M. 71702
Vermeiren, W., Straube, B., Elst, G. A suggestion for accelerating the analog fault simulation 49102
Vermeulen, F.E., Robinson, A.M., James, C.R., McMullin, J.N. Infrared surface waves in circular hollow waveguides with small core diameters 94902
Vermeulen, F.E. *see* Thompson, R.B. 51207
Vermeulen, H.J. *see* de Kock, J.A. 60217
Vermeulen, J.C. *see* Boterenbrood, H. 59185
Vermeulen, J.C. *see* Boterenbrood, H. 59186
Vermeulen, J.C. *see* Kolstein, M. 74343
Vermeulen, J.L. *see* Acher, O. 98267
Vermeulen, P. *see* Schotanus, P. 88324
Vermeulen, P. *see* Schotanus, P. 98733
Vermiglio, R. *see* Torelli, L. 48859
Vermillion, C., Stetina, F., Coronado, P., Mahoney, R., Shaffer, G., Lunsford, A. A TIROS receiving and analysis system to automatically create image products for environmental monitoring and management 77644
Vernalde, S. *see* Cools, K. 95102
Vernall, R.B. *see* Gardenier, P. 65615
Vernazza, G. *see* De Natale, F.G.B. 84973
Vernazza, G. *see* Foresti, G. 64861
Vernazza, G. *see* Foresti, G.L. 84876
Vernazza, G. *see* Murino, V. 86611
Vernazza, G. *see* Pellegretti, P. 67893
Vernazza, G. *see* Serpico, S.B. 77226
Verner, I.V. *see* Maksimov, S.K. 92976
Vernet, G. *see* Hafdallah, H. 81967
Vernetto, S. *see* Aglietta, M. 67318
Vernhes, C. *see* Chatras, B. 96850
Vernin, J. *see* Dalaudier, F. 57108
Vernin, P. *see* Dael, A. 88260
Vernon, F.L. *see* Hanson, J.A. 99155
Vernon, M.F. *see* Chaochin Su 62487
Vernon, S.M., Colter, P.C., McNulty, D.D., Hogan, S.J., Weyburne, D.W., Ahern, B.S. Close-spaced MOCVD reactor for 1%-uniformity growth of In-containing materials on 4″ substrates 54964
Vernon, S.M. *see* Lush, G.B. 100735
Vernon, S.M. *see* Wojtczuk, S.J. 100672
Vernon Smith, H., Jr., Allison, P., Geisik, C., Schmitt, D.R., Schneider, J.D., Stelzer, J.E. Initial operation of the CW 8X H^- ion source discharge 76728
Vernotte, F., Zalamansky, G., Lantz, E. Multivariance analysis: last improvements and practical utilization 86909
Vernyi, A.E. *see* Anevsky, S.I. 87750
Verolino, L. *see* Albanese, R. 73265
Verolino, L. *see* Bobbio, S. 63263
Verolino, L. *see* de Magistris, M. 83616
Veron, H., Hezel, P.J., Southard, D.A. Head mounted displays for virtual reality 66626
Verona, E. *see* Alippi, A. 72380
Verona, E. *see* Caliendo, C. 58671
Verona, E. *see* Caliendo, C. 93734
Verona, R.W., Beasley, H.H., Martin, J.S., Klymenko, V., Rash, C.E. Dynamic sine wave response measurements of CRT displays using sinusoidal counterphase modulation 66628
Verona, R.W. *see* Klymenko, V. 66627
Verreault, S., Laurendeau, D., Bergevin, R. Pose determination for an object in a 3-D image using geometric hashing and the interpretation tree 95831
Verreault, S. *see* Arsenault, M. 91107
Verri, A., Uras, C. Invariant size functions 74618
Verri, A. *see* de Micheli, E. 84889
Verri, L. *see* Toniatti, T. 57969
Verrier, I. *see* Ramos, M. 94169
Verschakelen, J. *see* Bellon, E. 88473
Verschelde, J., Cools, R. Symmetric homotopy construction 69829
Verschelde, J., Haegemans, A. Homotopies for solving polynomial systems within a bounded domain 79672
Verschuren, T. First steps towards integrating multimedia services to the home experiences in the Netherlands 85467
Verschuur, J.W.J. *see* Botman, J.I.M. 50884
Versleijen, M.P.J.G., Bauvin, A. Accuracy of bipolar compact models under RF power operating conditions 81839
Verspecht, J. Accurate spectral estimation based on measurements with a distorted-timebase digitizer 75895
Verspecht, J. Broadband sampling oscilloscope characterization with the "nose-to-nose" calibration procedure: a theoretical analysis 97765
Verspecht, J. Compensation of timing jitter-induced distortion of sampled waveforms 97854
Verspecht, J., Rush, K. Individual characterization of broadband sampling oscilloscopes with a nose-to-nose calibration procedure 76112
Verspecht, J. *see* Van den Broeck, T. 87485
Verstege, J. *see* Maubach, K.-D. 60037
Vertal, M. *see* Yang, X. 75303
Vertes, A., Dreyfus, R.W., Platt, D.E. Modeling the thermal-to-plasma transitions for Cu photoablation 54938
Vertesi, P. *see* Rabinowitz, P. 69821
Vertesi, P. *see* Vecchia, B.D. 69810
Vertesy, G., Pust, L., Tomas, I. Temperature dependence of the uniaxial anisotropy of garnets 72077
Vertesy, Z., Kisdi-Koszo, E., Kuzminski, M., Lachowicz, H.K. Evolution of the domain structure in FeCuNbSiB amorphous alloy annealed below and above its nanocrystallization temperature 63187
Vertiy, A.V., Gavrilov, S.P., Gasan, A.I. Measurement of refractive index and small electromagnetic losses of dielectrics at millimeter waves 98278
Vertommen, J. *see* Goethals, A.M. 81647
Vertregt, M. *see* Pelgrom, M.J.M. 80401
Verweij, A.P., Leroy, D., Walckiers, L., Wolf, R., ten Kate, H.H.J. Analysis of the AC loss measurements on the one-metre dipole model magnets for the CERN LHC 82427
Verweij, H. *see* Anghinolfi, F. 53345
Verweij, H. *see* Anghinolfi, F. 88228
Verweij, H. *see* Anghinolfi, F. 98663
Verweij, H. *see* Borer, K. 53347
Verweij, H. *see* Borer, K. 98687
Verweij, J., Lunenborg, M. On the design of a reliability circuit simulator 91145
Verweij, J.F., Brombacher, A.C., Lunenborg, M.M. Component lifetime modelling 82034
Verwoerd, W.S. Parallel vs. diagonal epitaxy models to diamond and c-BN on Si(001) 70088
Verwoerd, W.S., Osuch, K., Badziag, P. Atomic structure calculations for epitaxy of c-BN on Si(001) 61312
Verza, U. Real time analysis of a signal and determination of the acoustic intensity 84205
Verzellesi, G., Vendrame, L., Turetta, R., Pavan, P., Chantre, A., Marty, A., Cavone, M., Rivoir, R., Zanoni, E. A new experimental technique for extracting base resistance and characterizing

current crowding phenomena in bipolar transistors 62709
Verzellesi, G. *see* Bacchetta, N. 76768
Verzellesi, G. *see* Bacchetta, N. 88106
Verzellesi, G. *see* Bacchetta, N. 93447
Verzellesi, G. *see* Zanoni, E. 62725
Verzeni, G. *see* Brambilla, L. 99105
Verzi, B., Aum, P. Automated gated diode measurements for device characterization 62758
Verzocchi, M. *see* Moers, T. 67364
Vescan, A. *see* Ebert, W. 81767
Vescan, A. *see* Ebert, W. 81768
Vescan, L. *see* Berger, M.G. 62255
Vescey, G. *see* Hilal, M.A. 82499
Vescovi, M. *see* Whitham, K. 67009
Vescovi, M.R. *see* Rey, J.P. 90569
Vesecky, J.F. *see* Fernandez, D.M. 67864
Vesecky, J.F. *see* Jensen, G.A. 99223
Veselka, T.D. *see* Kavicky, J.A. 78048
Veselovski, A.S. *see* Lin, L.Z. 94024
Veselovskii, I.A. *see* Bukreev, V.S. 77408
Vesely, V., Frankovic, B. Simple adaptive decentralized controllers for nonlinear systems 68084
Vesely, V., Kozakova, A. Robust adaptive decentralized control of linear systems with output feedback 99590
Vesely, V., Kozakova, A., Rosinova, D. Robust decentralized control of nonlinear systems with disturbance attenuation 59834
Vesely, V. *see* Mudroncik, D. 53676
Vesely, W. *see* Stock, D. 99879
Veshcherevich, V. *see* Arbuzov, V. 67173
Veshcherevich, V. *see* Hartung, W. 87731
Veshcherevich, V. *see* Moffat, D. 67120
Vesin, J.M. An amplitude-dependent autoregressive model based on a radial basis functions expansion 84229
Vesnicheva, G.A., Ivanov, A.Yu. Efficient operating regime of a tunable liquid laser 56640
Vesnin, S.G. *see* Osipenkov, V. 70841
Vesonder, G. Applying knowledge based systems to network operations 85518
Vespasiano, G., Giaconi, M., Fellegara, A., Crognale, C. High sensitivity OFDR using an erbium-doped fiber power amplifier 50466
Vesselovski, A.S. *see* Yan, L.G. 90456
Vessot, R.F.C. *see* Walsworth, R.L. 63618
Vest, D. *see* Zimmerman, D.E. 90817
Vest, G.W. Vapor phase: a users point of view 92798
Vest, R.E., Canfield, L.R., Furst, M.L., Madden, R.P., Swanson, N. Dual grating monochromator for detector calibrations using synchrotron radiation as an absolute source at NIST 88289
Vest, R.W. *see* Zhu, W. 56152
Vest, R.W. *see* Zhu, W. 63082
Vestnik, M.V. Use of two-dimensional solutions in three-dimensional problems 51072
Vestweber, H., Sander, R., Greiner, A., Heitz, W., Mahrt, R.F., Bassler, H. Electroluminescence from polymer blends and molecularly doped polymers 72636
Veszelei, E. *see* Leyser, T.B. 94822
Vetelino, J.F., Andle, J.C., Falconer, R.S. Theory, design and operation of surface generated acoustic wave sensors 93853
Vetelino, J.F. *see* Andle, J.C. 87312
Vetelino, J.F. *see* Andle, J.C. 98130
Veth, J.de *see* de Veth, J.
Vetlitsky, I. *see* Ahlen, S. 98641
Vetluzhskiy, A.Y., Lomukhin, Yu.L. The field structure of an excited helical line on a conducting surface 80548
Vetorazzi, C.N., Jr., Telles, G.N. Robot program generation for PCB (printed circuit board) component insertion via CAD system 81080
Vetoshko, P.M., Kononov, R.I., Toporov, A.Yu. Magneto-optical visualizer of microscopic magnetic fields 50605
Vetoshko, P.M. *see* Boardman, A.D. 50938
Vetoshko, P.M. *see* Valeiko, M.V. 98269
Vetrella, S. *see* Moccia, A. 88858
Vetri, G. *see* Gennaro, G. 94716
Vetrov, A., Volkonsky, V. Hybrid integrooptical radiosignal processor 87054
Vetter, A.A. *see* Falkenberg, W.H. 65959
Vetter, A.M., Buller, T.L., Hayward, T.D., Smith, D.R., Starkovich, V.S. APLE accelerator prototype cavity fabrication and low power tests 67146
Vetter, J. SEM investigations of etched heavy ion tracks 67362
Vetter, J. *see* Apel, P. 53339
Vetter, K., Elze, T.W., Kaspar, M., Kroll, T., Gerl, J. A position sensitive gas counter with resistive layer cathode decoded by a neural network algorithm 76793
Vetter, M. *see* Schefold, J. 78830
Vetter, R. *see* Bhattacharya, S. 52165
Vetterli, M. *see* Herley, C. 84255
Vetterli, M. *see* Herley, C. 95380
Vetterli, M. *see* Hong, J. 48891
Vetterli, M. *see* Nguyen T. Thao 84382
Vetterli, M. *see* Ortega, A. 64687
Vetterli, M. *see* Ortega, A. 64754
Vetterli, M. *see* Ramchandran, K. 57889
Vetterli, M. *see* Ramchandran, K. 84767
Vetterli, M. *see* Ramchandran, K. 84779
Vetterli, M. *see* Ramchandran, K. 85029
Vetterli, M. *see* Thao, N.T. 51439
Vetterli, M. *see* Thao, N.T. 95174
Vetterli, M.C. *see* Cummings, W.J. 64116
Vettier, C. *see* Giles, C. 98716
Vettiger, P. *see* Jackson, K.P. 72648
Veuhoff, E. *see* Heinecke, H. 54928
Veyo, S.E., Kusunoki, A., Takeuchi, S., Kaneko, S., Yokoyama, H. A solid oxide fuel cell power system—1992/93 field operation 78522
Veysoglu, M.E. *see* Lim, H.H. 73290
Vezina, J., Herbert, D.A., Kinnison, V.L. Complex Sales Negotiation. Selling complex services: a new tool at US WEST 52011
Veziroglu, T.N. *see* Gursu, S. 59522
Vezirov, Kh.N., Mamedbeili, I.A. Liquid-nitrogen supply to light detector coolers 58772
Vezzani, P. The design of industrial electricity supply systems 69251
Vezzi, G. *see* Cortelazzo, G. 74581
Vhasure, S.G., Prakasha, Krishnan, T. A digital controller for a four quadrant thyristor converter fed DC drive 54176
Via, C.Da *see* Da Via, C.
Viajar, H. *see* Capote, M.A. 92800
Viala, B. *see* Crottier-Combe, S. 63144
Viala, B. *see* Gannac, Y. 56206
Vialaret, G. *see* Najmi, A. 60590
Vialle, N. *see* Giroux, F. 62509
Viallet, J.E. *see* Herve, D. 56395
Viallet, J.E. *see* Herve, D. 94241
Viana, B. *see* Lejus, A.M. 72723
Viana, B. *see* Spariosu, K. 56700
Vianco, P.T., Erickson, K.L., Hopkins, P.L. Solid state intermetallic compound growth between copper and high temperature, tin-rich solders. I. Experimental analysis 79973
Vianco, P.T., Hlava, P.F., Kilgo, A.C. Intermetallic compound layer formation between copper and hot-dipped 100In, 50In-50Sn, 100Sn, and 63Sn-37Pb coatings 79300
Vianco, P.T. *see* Artaki, I. 80996
Vianco, P.T. *see* Frear, D.R. 70165
Vianco, P.T. *see* Ray, U. 80997
Viani, G. *see* Abrami, A. 98715
Viaplana, J. *see* Bertran, M. 70615
Viargues, F. *see* Rousset, B. 94037
Viaro, F. *see* Almanci, S. 68920
Viaro, U. *see* Lepschy, A. 79513
Viarouge, P., Ferfra, M., Kamwa, I., Lefevre, Y., Le-Huy, H. Modelling and identification of permanent magnet synchronous machines from standstill time response tests using a non-linear method 68551
Viarouge, P., Tourkhani, F., Kamwa, I., Le-Huy, H. Nonlinear optimization techniques for the design of static converters 90123
Viarouge, P. *see* Ferfra, M. 89957
Viarouge, P. *see* Gagnon, R. 89800
Viarouge, P. *see* Hoang Le-Huy 54167
Viarouge, P. *see* Kamwa, I. 60187
Viarouge, P. *see* Kamwa, I. 89831
Viarouge, P. *see* Kamwa, I. 100170
Viarouge, P. *see* Tahan, S.-A. 89853
Viaud, J.P. *see* Teyssier, J.P. 49653
Viberg, M., Swindlehurst, A.L. Analysis of the combined effects of finite samples and model errors on array processing performance 84464
Viberg, M. *see* Halder, B. 95623
Viberg, M. *see* Swindlehurst, A. 84452
Viberg, M. *see* Talwar, S. 51431
Vibert, J.-F. *see* Brai, A. 98909
Vicanek, M. *see* Colla, T.J. 94701
Vicanek, M. *see* Klein, T. 94700
Vicario, E. *see* Del Bimbo, A. 58140
Vicca, E.F.Santa *see* Santa Vicca, E.F.
Vice, R.L., Wood, J.T., Le, K.D., Nguyen, M.T. Using control center technology to solve new utility challenges 99613
Vicen, R. *see* Michalikova, M. 72070
Vicencio-Silva, M.A. Vision based measurements of traffic parameters 95756
Vicens, J. *see* Lhermitte-Sebire, I. 81448
Vicent, J.L. *see* Gonzalez, J.M. 93878
Vicente, L.de Agapito *see* de Agapito Vicente, L.
Vici, A.D., Gugliermetti, S., Franceschi, F., Audisio, G. Linking TMN and administrative applications 51995
Vick, B. *see* Nelson, D.J. 94054
Vickers, A.J. *see* Dottling, R. 62276
Vickers, A.J. *see* Straw, A. 62277
Vickers, B.J., Suda, T. Connectionless service for public ATM networks 74986
Vickers, G.W. *see* Li, H. 95842
Vickers, V.L., Hobbs, W.J., Vemuri, S., Todd, D.L. Fuel resource scheduling with emission constraints 89010
Vicrey, J. *see* Jolly, A. 72814
Victora, R.H. *see* Hatwar, T.K. 72492
Victoria, L. *see* Arenas, A. 52759
Victoria, L. *see* Molina, C. 87601
Victorov, I.A. *see* Gremenok, V.F. 62208
Victorov, S. Russia's oceanographic satellites face "hard times" 99216
Vidakovic, P. *see* Kim, D.Y. 63960
Vidakovic, P. *see* Torruellas, W.E. 94622
Vidal, E. *see* Perez, J.C. 84594
Vidal, J.C., Yague, M.A., Castillo, J.R. A chronoamperometric sensor for hydrogen peroxide based on electron transfer between immobilized horseradish peroxidase on a glassy carbon electrode and a diffusing ferrocene mediator 98140
Vidal, M.Puig *see* Puig Vidal, M.
Vidal, Y., Gaillard, S., Arnaud, J. Electrical model for high-power-density laser diodes 94533
Videler, P. *see* Lemke, S. 67298
Videler, P. *see* Rando, N. 82355
Videneev, E.N., Volkov, V.A., Kol'tsov, S.S. Probabilistic safety analysis of uncompensated leaks of primary coolant 89461
Vidmar, B. *(editor)* Zbornik Radova Proceedings. 36th ELMAR International Symposium - Bozava (Dugi otok) 90758
Vidmar, M. A DIY receiver for GPS and GLONASS satellites 52439
Vidmar, M. Correction of keplerian satellite orbital elements from Doppler measurements 65723
Vidmar, M. A DIY receiver for GPS and GLONASS satellites 75681
Vidmar, M. A DIY receiver for GPS and GLONASS satellites: Part-3 97477
Vidor, D.L.R., Perin, A.J. A soft commutation constant high frequency link DC/AC converter operating with sinusoidal output voltage 100301
Vidyalal, V. *see* Rajasree, K. 76012
Vie, M., Baboulet, J.P., Lapeyre, P., Ramisse, D., Nurdin, G., Becret, C., Jaureguy, J.C. Pulsed mixed n, γ radiation fields for electronic testing 71549
Viehhauser, G. *see* Fanti, V. 76788
Vieillot, M. *see* Banatre, J.P. 70412
Vieira, A.J.C., Camargo Silva, M.T. Low birefringence single mode optical fiber: polarimetric properties 82585
Vieira, J.B., Jr. *see* Hey, H.L. 100244
Vieira, M.H. *see* Schlindwein, F.S. 76963
Vieira, R. *see* Deis, G. 87958
Vieira, R. *see* Heim, J. 88070
Vieira, R. *see* Smith, B.A. 82465
Vieira, R.M. *see* Petry, B. 78508
Vielpeau, D. *see* Grimaud, P.-O. 58961
Vielva, L.A., Pereda, J.A., Prieto, A., Vegas, A. FDTD multimode characterization of waveguide devices using absorbing boundary conditions for propagating and evanescent modes 70829
Vielva, L.A., Pereda, J.A., Vegas, A., Prieto, A. Simulating 3D waveguide discontinuities using a combination of Prony's method and FDTD with improved absorbing boundary conditions 51163
Vienne, G.G. *see* Kringlebotn, J.T. 63709
Viens, M., Li, P.C.H., Wang, Z., Jen, C.K., Thompson, M., Cheeke, J.D.N. Gravimetric response of the rod acoustic wave sensors 98322
Viera, A.P. *see* Noctor, D.M. 92680
Viereck, L. *see* Rignot, E. 88873
Viereck, L. *see* Way, J. 77660
Viereck, L.A. *see* Rignot, E.J.M. 88865
Viereck, L.A. *see* Way, J. 77297
Vieren, J.P. *see* Warren, P. 93099
Viergever, M.A. *see* Beekman, F.J. 88439
Viergever, M.A. *see* De Graaf, C.N. 57680
Viergever, M.A. *see* Florack, L.M.J. 64792
Viergever, M.A. *see* Haring, S. 64821
Viergever, M.A. *see* ter Haar Romeny, B.M. 64819
Viergever, M.A. *see* Vincken, K.L. 57681
Viergever, M.A. *see* Zuiderveld, K.J. 59268
Vierhaus, H.T. *see* Glaser, U. 92142
Vierhaus, H.T. *see* Wolber, R. 92039
Vierheilig, A., Safari, A., Halliyal, A. Phase stability and dielectric properties of ceramics in the $Pb(Zn_{1/3}Nb_{2/3})O_3$-$Pb(Ni_{1/3}Nb_{2/3})O_3$-$PbTiO_3$ relaxor ferroelectric system 63074
Vierl, U. *see* Metzger, T.H. 98717
Viero, T., Dobrin, B.P., Astola, J., Gabbouj, M. Further analysis of watershed algorithms 85130
Viero, T., Oistamo, K., Neuvo, Y. Three-dimensional median-related filters for color image sequence filtering 57717
Viero, T. *see* Dobrin, B.P. 64634
Viertel, G.M. *see* Adam, A. 88087
Viertel, G.M. *see* Adam, A. 88102
Viertel, G.M. *see* Adriani, O. 88023
Vieth, H.-M. *see* Rugar, D. 66291
Vieth, M., van den Berg, H., Bartsch, W. Magnetoresistive Permalloy sensors with increased sensitivity 75953
Vietti, A., Hubert, G., Frant, G. Report on the current situation and the perspectives for nuclear equipment in France 99862
Vieu, C., Pepin, A., Ben Assayag, G., Gierak, J., Ladan, F.-R. Localized thinning of semiconductor nanostructures for cross-sectional transmission electron microscopy 81740
Vieux-Rochaz, J.L. *see* Beraud, R. 67398
Vieville, C. *see* Derycke, A. 65459
Vieville, T., Faugeras, O. Robust and fast computation of edge characteristics in image sequences 95783
Vieweg, S. Integrity monitoring and failure identification within an integrated satellite/inertial navigation system 65737
Vieweg, S., Lechner, W. Realizing GNSS—results of combined GPS/GLONASS data processing 65738
Vieweg, S., Lechner, W. A GPS/GLONASS/INS test program 77126
Vigdorovich, V.N. *see* Bychkovskii, R.V. 81087
Vigdorovich, V.N. *see* Bychkovskii, R.V. 97892
Vigil, A.J., Belkerdid, M.A., Malocha, D.C. Finite truncated cosine series design of full response

signaling offset quadrature binary modulation systems 57330
Vigil, J., Elder, G., Cronin, D., Draskiewicz, S., Wiltshire, T. Progression of overlay performance on a 0.5 NA broadband DUV wafer exposure system 71533
Vigil, R.S. *see* Birch, J.R. 76149
Vigilante, M. *see* Grassi, D. 88039
Vigliaturo, G. *see* Chiricozzi, E. 68588
Vigliotti, D.R. *see* von Gutfeld, R.J. 61334
Vigliotti, R. *see* Castellano, L. 77306
Vignaud, D., Wallart, X., Mollot, F. InAlAs/InP heterostructures: influence of a thin InAs layer at the interface 81273
Vignaud, L. *see* Bertrand, J. 58465
Vigneras, M.-F. Banal characteristic for reductive p-adic groups 61060
Vignola, G. DAΦNE, the Frascati Φ-factory 76433
Vignola, G. *see* Bassetti, M. 76544
Vignola, G. *see* Whitham, K. 67009
Vignoli, C. *see* Alessandrello, A. 59163
Vigon, B. *see* Tolle, D. 79235
Vigon, B.W., Curran, M.A. Life-cycle improvements analysis: procedure development and demonstration 54440
Vigotti, R., Rossi, E. Wireless service [photovoltaic power generation] 53968
Vigroux, L. *see* Cesarsky, C.J. 52955
Vigroux, L. *see* Perault, M. 52956
Viirola, H., Niinisto, L. Controlled growth of tin dioxide thin films by atomic layer epitaxy 79813
Viirola, H., Niinisto, L. Controlled growth of antimony-doped tin dioxide thin films by atomic layer epitaxy 91544
Viitanen, A.J., Lindell, I.V. Plane-wave propagation in an anisotropic chiral medium with isotropic permittivity and permeability 57076
Viitanen, A.J. *see* Lindell, I.V. 69309
Viitanen, V.-P., Mutikainen, R., Nenonen, S., Partanen, P. Comparison of ultrathin X-ray window designs 98721
Viitanen, V.-P. *see* Mutikainen, R. 67401
Viitanen, Y. *see* Riitahuhta, A. 58982
Vij, D.R. *see* Singh, N. 94258
Vij, J.K. *see* Huan Xu 82740
Vijay, D.P., Kwok, C.K., Pan, W., Yoo, I.K., Desu, S.B. Electrode effects on electrical properties of ferroelectric thin films 56129
Vijaya Kumar, B.V.K. Optical pattern recognition 64885
Vijaya Kumar, B.V.K. Partial information filters 73976
Vijaya Kumar, B.V.K., Brasher, J.D., Hester, C.F. Nonlinear decision boundaries from the use of complex constraints in synthetic discriminant function filters 51574
Vijaya Kumar, B.V.K., Brasher, J.D., Hester, C.F., Srinivasan, G., Bollapragada, S. Synthetic discriminant functions for recognition of images on the boundary of the convex hull of the training set 51672
Vijaya Kumar, B.V.K., Carlson, D.W., Mahalanobis, A. Optimal trade-off synthetic discriminant function filters for arbitrary devices 94236
Vijaya Kumar, B.V.K. *see* Hampshire, J.B., II 74510
Vijaya Kumar, B.V.K. *see* Hendrix, C.D. 72538
Vijaya Kumar, B.V.K. *see* Mahalanobis, A. 51647
Vijaya Kumar, B.V.K. *see* Mahalanobis, A. 64850
Vijaya Kumar, B.V.K. *see* Mahalanobis, A. 74359
Vijayakumar, P.S. *see* Chiang, P.K. 100673
Vijayalakshmi, V. *see* Parthasarathy, P.R. 69672
Vijayamohanan, K. *see* Vinod, M.P. 68947
Vijayan, D. *see* Kuo, S.M. 51517
Vijayan, D. *see* Kuo, S.M. 74124
Vijayan, R. *see* Grandhi, S.A. 52414
Vijayan, T., Roychowdhury, P., Iyyengar, S.K. Intense electron beam propagation by charge neutralization from a dielectric collimator 53124
Vijayan Asari, K., Eswaran, C. Systolic array implementation of artificial neural networks 92068
Vijayanand, A.S.J. *see* Khan, A.I. 70456
Vijayananda, K. *see* Raja, P. 85831
Vijayananda, K. *see* Riese, M. 65062
Vijayarajah, W.C. *see* John, P. 69928
Vijdea, A.-M., Vajdea, V., Popescu, I., Marinescu, A., Nitica, C., Gancz, V. Environment applications of the remote sensing techniques and GIS in Romania 77693
Vikdal, N. *see* Seite, P. 52398
Vikharev, V.D., Lomonosov, V.V., Talantov, M.Yu. Monitoring of γ-radiation on flat landscapes in the rapid-search mode for above-background spots 88073
Vikhrev, A.N. *see* Ivanov, V.V. 72278
Vikram, C.S., Witherow, W.K., Trolinger, J.D. Fringe contrast and phase effects in multi-colour holography 83384
Viktorov, B.V. *see* Verbitskaya, E.M. 58995
Viktorov, I.A. *see* Gremenok, V.F. 49789
Viktorov, L.V. *see* Kozlov, A.A. 98642
Viktorovitch, P. *see* Rojo-Romeo, P. 56038
Vikulina, K.I., D'yachenko, A.M. Thermal stabilization of the parameters of photoresistor light detectors 52841
Vikulov, O.V., Davydov, S.P., Sadovnikov, A.P., Kudryavtsev, A.Yu. A model of a space-time signal in multiposition radar systems 86539
Vila, A., Cornet, A., Morante, J.R., Ruterana, P. TEM analysis of the initial stage of GaAs ALMBE layers on Si 79827
Vila, A. *see* Georgakilas, A. 81272
Vila, C. *see* Liu, X. 77906
Vila, D. Prototypes for a city machine: installations with video and holography 56961
Vilain, P. *see* Aoki, S. 53304
Vilar, E. *see* Filip, M. 52448
Vilar, E. *see* Lam, W.K. 58304
Vilaseca, A., Riviere, S. A solid state broadband 80 W amplifier for 24 cm 70306
Vilbe, P. *see* Derrien, A. 51520
Vilcarromero, J., Marques, F.C. Structural properties of deuterated germanium nitrogen alloys 71130
Vilcheck, W.S. *see* Shipp, D.D. 78884
Vilcot, J.P. *see* Gouy, J.P. 72611
Vilcot, J.P. *see* Harari, J. 72610
Vilcot, J.P. *see* Peredo, E. 50674
Vileisis, A. *see* Valatkevicius, P. 90640
Vilela, M.F., Rossignol, V., Bensaoula, A., Medelci, N., Freundlich, A. Chemical beam epitaxy of InP-based solar cells and tunnel junctions 60471
Vilela, M.F. *see* Bensaoula, A. 60476
Vilela, M.F. *see* Freundlich, A. 100670
Vilesov, Yu.F. *see* Vishnevskii, V.G. 63503
Viljoen, P.E., Lambers, E.S., Holloway, P.H. Reaction between diamond and titanium for ohmic contact and metallization adhesion layers 93056
Vilkomir, S.A., Vinogradskaya, S.V., Yastrebenetskii, M.A. A software package for evaluating the reliability of power station automation systems 53853
Villa, M. *see* Halamek, J. 74127
Villa, M. *see* Kasal, M. 66161
Villa, T. *see* Saldanha, A. 49243
Villacci, D. *see* Carpinelli, G. 99413
Villacourt, M., Mahaney, M. Designing a reliability demonstration test on a lithography expose tool using Bayesian techniques 81691
Villadold-Abrigo, F.L. *see* Clemente, W.C. 53955
Village, R.K. *see* Kolts, B.S. 92308
Villagomez, R. *see* Hotz, D.F. 75912
Villain, J.P. *see* Uspensky, M.V. 67808
Villamediana, M.J. *see* Sanz-Bobi, M.A. 78438
Villani, M. *see* Chiricozzi, E. 68588
Villani, M. *see* Meo, S. 68639
Villanueva, J.J. *see* Binefa, X. 79481
Villanueva, J.J. *see* Perez, F.X. 79480
Villanueva, R.J. *see* Jodar, L. 48870
Villar, J.A. *see* Avignone, F.T. 67288
Villar, J.A. *see* Saenz, C. 59159
Villar, J.L. *see* Perez, R. 56174
Villard, L. *see* David, J.P. 70356
Villari, A.C.C. *see* Auger, G. 98385
Villarreal, F. *see* Colley, A.D. 56622
Villarreal, R.L. *see* Hallman, J.C. 89320
Villarrubia, J.S. *see* Teague, E.C. 55837
Villarrubia, L., Acero, A. Rejection techniques for digit recognition in telecommunication applications 84067
Villasenor, J.D. Optical Hartley transforms 51626
Villasenor, J.D. Tomographic image compression using multidimensional transforms 95857
Villasenor, J.D., Belzer, B., Liao, J. Filter evaluation and selection in wavelet image compression 57906
Villasenor, J.D. *see* Min-Jen Tsai 98831
Villata, F. *see* Fratta, A. 68558
Villate, D. *see* de Mascureau, J. 67025
Villate, D. *see* de Mascureau, J. 76437
Villate, D. *see* Eyharts, Ph. 66799
Villatoro, F.R. *see* Ramos, J.I. 56856
Villatoro, F.R. *see* Ramos, J.I. 94944
Villatte, N. *see* Ancelin, C. 68377
Villavecchia, C. *see* Boella, G. 86826
Villavecchia, C. *see* Boella, G. 93014
Villaverde, A.B. *see* Munin, E. 56713
Villavicencio-Ramirez, A., Rodriguez-Alvarez, J.M. Nuclear plants gain integrated information systems 99832
Ville, L.J.St. *see* St. Ville, L.J.
Villegas, M., Fernandez, J.F., Moure, C., Duran, P. Preparation, microstructural development and dielectric properties of $Pb(Mg_{1/3}Nb_{2/3}O_3)$-$Pb(Ti_xZr_{1-x})O_3$ multilayer ceramic capacitors 92640
Villeger, D. *see* Oklobdzija, V.G. 70350
Villegier, J.-C. *see* Jager, A. 93941
Villegier, J.-C. *see* Pourtier, F. 93940
Villegier, J.C., Boucher, H., Ghis, A., Levis, M., Mechin, L., Moriceau, H., Pourtier, F., Vabre, M., Nicoletti, S., Correra, L. Several alternative approaches to the manufacturing of HTS Josephson junctions 63318
Villegier, J.C. *see* Aboudihab, I. 66348
Villegier, J.C. *see* Borghs, G. 61944
Villegier, J.C. *see* Chicault, R. 63324
Villegier, J.C. *see* Ghis, A. 66351
Villegier, J.C. *see* Robbes, D. 66714
Villela, T., Braga, J., D'Amico, F., Jayanthi, U.B., Neri, J.A. A balloon-borne imaging telescope for high-energy astrophysics 88332
Villemain, C. *see* Stappers, V. 52542
Villemain, C. *see* Stappers, V. 82603
Villemoes, L.F. Continuity of nonseparable quincunx wavelets 54806
Villen-Altamirano, M. Activities on traffic engineering for b-ISDN in CCITT, SG II 52225
Villeneuve, A., Aitchison, J.S., Kang, J.U., Wigley, P.G., Stegeman, G.I. Integrated ultrafast saturable absorber 56907
Villeneuve, A., Stegeman, G.I., Aitchison, J.S., Alhemyari, K., Ironside, C.N., Yang, C.C., Lin, C.-H., Lin, H.-H. AlGaAs for nonliner integrated optics at 1.55 μm 56853
Villeneuve, A., Yang, C.C., Stegeman, G.I., Ironside, C.N., Scelsi, G., Osgood, R.M. Nonlinear absorption in a GaAs waveguide just above half the band gap 72357
Villeneuve, A. *see* Mamyshev, P.V. 56373
Villeneuve, A. *see* Sundheimer, M.L. 63710
Villeneuve, A. *see* Sundheimer, M.L. 82623
Villeneuve, B. *see* Guy, M. 50942
Villere, G.L. *see* Shapiro, J.C. 53509
Villeval, P. *see* Boulanger, B. 56890
Villiargio, M. *see* Abbate, G. 63497
Villing, A. *see* Galstyan, T. 63508
Villoresi, P., Nicolosi, P. Stigmatic spectrograph with a 2-D CCD detector for soft X-ray observations of laser produced plasmas 67414
Villuendas, F. *see* Alonso, R. 87244
Villuendas, F. *see* Blasco, P. 82611
Villuendas, F. *see* Subias, J. 72337
Vilmer-Bagen, S. *see* Darrow, D. 91034
Vilnrotter, V.A. Channel assignments for improved gain in baseband array feed compensation systems 57310
Viloria, G.C. *see* Pope, J., Jr. 62420
Viltart, P. *see* Meunier, C. 52919
Vin, H.M. *see* Ramanathan, S. 65150
Vin, H.M. *see* Venkat Rangan, P. 66035
Vina, A., Lopez Lerida, J., Molano, A., Del Val, D. Real-time multimedia systems 74818
Vinagre, L. *see* Griffiths, H.D. 64475
Vinai, F. *see* Allia, P. 72004
Vinai, F. *see* Allia, P. 72052
Vincent, D., Jorat, L., Monin, J., Noyel, G. Improvement of the transmission/reflection method for dielectric and magnetic measurements on liquids between 0.1 and 20 GHz 76153
Vincent, D. *see* Capolla, N. 57015
Vincent, D.A. *see* Kendall, J.D. 50033
Vincent, G. Optical properties of porous silicon superlattices 55586
Vincent, J. One-to-one radiocomms 58347
Vincent, J. *see* Naylor, D. 49601
Vincent, J.E. ISO 9000—management challenges 48712
Vincent, J.H., Humpston, G. Lead-free solders for electronic assembly 54488
Vincent, L. Fast opening functions and morphological granulometries 85121
Vincent, P.S., Johnston, J. The design of a temperature transmitter 97913
Vincent, T. *see* Buie, M.J. 62422
Vincent, T. *see* Elta, M.E. 62432
Vincent, W.A. *see* Ainslie, P.J. 78965
Vincent, W.R., Lott, G.K. Measurements of extensive HF industrial, scientific, and medical (ISM) interference far removed from the ITU allocated bands 94880
Vincent, W.R. *see* Lott, G.K. 97026
Vincente, J. *see* Pelaz, L. 49952
Vincentelli, M. *see* Caviglia, D.D. 55358
Vincenti, D., Hua Jin A three-phase regulated PWM rectifier with on-line feedforward input unbalance correction 90160
Vincenti, D., Hua Jin, Ziogas, P. Design and implementation of a 25-kVA three-phase PWM AC line conditioner 99487
Vincenti, D., Jin, H. A three phase regulated PWM rectifier using direct on-line feedforward input unbalance correction control 90194
Vincenti, D. *see* Agelidis, V.G. 68799
Vincenti, D. *see* Agelidis, V.G. 100325
Vincenzoni, R., Leo, G., Galluzzi, F. Metal/insulator/metal-type structures based on amorphous carbon-silicon alloys: electronic properties in dark conditions and under illumination 81390
Vinci, M. *see* Santini, E. 56199
Vinci, V. Housings for transformer substations 90314
Vinci, V. *see* Morin, S. 68915
Vinck, A.J.H. *see* Helberg, A.S.J. 51342
Vincken, K.L., Koster, A.S.E., Viergever, M.A. Probabilistic segmentation of partial volume voxels 57681
Vincken, K.L. *see* De Graaf, C.N. 57680
Vinckier, C. *see* Elgamel, H.E. 100575
Vinckier, R. *see* Wu, A. 58160
Vincze, M. *see* Gander, H. 97791
Vindigni, A. *see* D'Alto, V. 86729
Vine, D.Le *see* Le Vine, D.
Vine, D.M.Le *see* Le Vine, D.M.
Vine, E.L., Misuriello, H., Hopkins, M.E. A research agenda for demand-side management impact measurement 99591
Vine, E.L. *see* de Almeida, A.T. 68086
Vine, E.L. *see* De Almeida, A.T. 89385
Vine, P. *see* Weesakul, U. 77494

Vinelli, F. *see* Ceccarelli, M. 51707
Vinelli, F. *see* De Fazio, M. 77251
Vinelli, F. *see* Prodi, F. 67796
Vines, G., Hayes, M.H., III Adaptive IFS image coding with proximity maps 85022
Vinet, F. *see* Paniez, P.J. 81614
Vinet, F. *see* Schwalm, R. 81613
Vinet, F. *see* Spiess, W. 81620
Vinett, P. *see* Lamoree, J. 53728
Vinett, P. *see* Lamoree, J. 68207
Vinett, P. *see* Lamoree, J. 77881
Vinhas, A.V. *see* Campanholi, S.M. 85477
Viniotis, I. *see* Georgiadis, L. 69684
Viniotis, I. *see* Jagannath, S.V. 57956
Viniotis, I. *see* Rindos, A. 65359
Viniotis, I. *see* Zaghloul, A.O. 96149
Vinke, D. *see* Hongxia Xia 91976
Vinnakota, B. Selection of bases for a residue number system 57611
Vinnakota, B., Andrews, J. Functional test generation for FSMs by fault extraction 91719
Vinnakota, B. *see* Harjani, R. 50071
Vinnik, V. *see* Jach, C. 68677
Vinod, M.P., Vijayamohanan, K. Effect of gelling on the electrode kinetics of the Pb/$PbSO_4$ and hydrogen-electrode reactions in maintenance-free lead/acid batteries 68947
Vinod, V.V., Chaudhury, S., Mukherjee, J., Ghose, S. A connectionist approach for clustering with applications in image analysis 51585
Vinogradov, A.V. *see* Bashkirov, Yu.A. 82315
Vinogradov, A.V. *see* Kozhevnikov, I.V. 67409
Vinogradov, A.V. *see* Shlyaptsev, V.N. 50739
Vinogradov, E.A., Zayats, A.V., Nikigosyan, D.N., Repeev, Yu.A., Pudonin, F.A. Optical nonlinearity in amorphous Si/SiO_2 quantum structures 73089
Vinogradov, G.K. *see* Gorwadkar, S. 79992
Vinogradov, I.I., Kolotov, O.S., Pogozhev, V.A. Generator of short high-voltage pulses 90187
Vinogradov, I.I. *see* Arjanov, E.V. 94459
Vinogradov, I.I. *see* Arzhanov, E.V. 72795
Vinogradov, M.S. *see* Vassilevski, D. 62243
Vinogradov, S.V. *see* Alimov, O.A. 87330
Vinogradov, V. *see* Chen, M. 67340
Vinogradov, V. *see* Chen, M. 67349
Vinogradov, V.P. *see* Bogoyavlenskii, R.G. 89541
Vinogradova, G.V. *see* Dolginov, L.M. 93150
Vinogradskaya, S.V. *see* Vilkomir, S.A. 53853
Vinokurov, L.A. *see* Fouks, B.I. 58758
Vinokurov, N.A. *see* Litvinenko, V.N. 63869
Vinokurov, N.A. *see* Sokolov, A.S. 50883
Vinoslavskii, M.N. *see* Sarbei, O.G. 62154
Vinsant, R., DiFiore, J., Clarke, R. Digitally-controlled SMPS extends power system capabilities 68858
Vinsard, G., Laporte, B. A new formulation for induction machine computation 89934
Vinsard, G. *see* Laporte, B. 89954
Vintache, P. *see* Jourdin, P. 59768
Vinter, B. *see* Burgnies, L. 55607
Vinyes, J. *see* Alvarez-Campana, M. 58228
Vinzelberg, H. *see* Gladun, C. 92982
Viola, A. *see* Flanagan, K.A. 59232
Viola, F. *see* Brambilla, L. 99105
Viola, L. *see* Arena, V. 53299
Viola, M.B. *see* Han-Sheng Lee 66263
Viola, M.S., Nyquist, D.P. Born approximation of the continuous spectrum for dielectric waveguides using an electric field integral equation for the transverse field components 83779
Viola, R., Martin, R. A mechanical system for the positioning of accelerator magnets 76703
Viola, R. *see* Benedicto, X. 58352
Viola, R. *see* Elia, C. 86656
Violette, K.E. *see* Sanganeria, M.K. 93243
Violina, G.N. *see* Kudoyarova, V.Kh. 94249
Vion, D. *see* Joyez, P. 82376
Viorel, I.A. *see* Radulescu, M.M. 54196
Viovy, N., Saint, G. Hidden Markov models applied to vegetation dynamics analysis using satellite remote sensing 77722
Vira, N. *see* Alagudu, M. 87530
Virani, H. Selecting induction motors for industrial drives 69093
Virani, H. High-performance transistor AC drives 69094
Virball, V.G., Michalson, W.R., Levin, P.L., Enge, P.K. A GPS integrity channel based fault detection and exclusion algorithm using maximum solution separation 65736
Virdee, B.S., Parsons, A.J., Meadows, S.G. Commercial computer-aided design software optimises DRO circuit design 80644
Virk, G.S., Cheung, J.Y.M., Loveday, D.L. Occupancy and refurbishment effects on digital modelling for buildings 90672
Virk, G.S., Liang, D.T.W. Intelligent simulation of induction motor drives 60502
Virk, H.S. Heavy ion ranges in plastic track detectors 87976
Virk, H.S., Bedi, M. Aspect ratio of heavy ion tracks in mica and CR-39 plastic 67365
Virk, H.S., Kaur, R., Singh, G. Heavy ion ranges in glass detectors 87977
Virk, R.S., Maas, S.A. Modeling MESFET's for inter-modulation analysis in RF switches 93510
Virkovsky, V.A. *see* Stupp, S.E. 50325
Virojanapa, C., Hadkeaw, M., Kane, D. A drawback of converting to a low stress molding compound 91040
Viron, F.de *see* de Viron, F.
Virshup, G.F. *see* Bozovic, I. 54857
Virtamo, J., Norros, I. On the broadening of cell bursts in an ATM network 51781
Virtamo, J., Norros, I. Fluid queue driven by an M/M/1 queue 61073
Virtamo, J. *see* Aalto, S. 58173
Virtamo, J.T. *see* Aalto, S. 65527
Virtanen, L.R. *see* Johansson, T. 49585
Virzi, R.A. *see* Resnick, P. 65205
Vis, M.L., Scharf, L.L. A note on recursive maximum likelihood for autoregressive modeling 95405
Vischer, D. *see* Bleuler, H. 57056
Visco, G. *see* Campanella, L. 66220
Visco, S.J. *see* Lampert, C.M. 63486
Visconti, G. *see* Redaelli, G. 77398
Visconti, P. Information system for the information service 58080
Visentin, B., Harrault, F., Gobin, R., Leroy, P.A. A hollow cathode ion source as an electron-beam ion source injector for metallic elements 53172
Vishakantantaiah, P. *see* Thomas, T. 49234
Vishneveky, I.N. *see* Dolinsky, A.V. 87852
Vishnevskii, V.G., Vilesov, Yu.F., Groshenko, N.A., Lamekin, V.F., Yarygin, A.V. Characteristics of functioning of a multilayer magnetooptic spatial light modulator with a prism design 63503
Vishnyakov, A.N. Optimal methods for processing regular signals 74142
Vishnyakov, A.N. Robust deconvolution. Method of frequency response 84242
Vishvakarma, B.R., Rai, C.S. Limitations of Rayleigh scattering in the prediction of millimeter wave attenuation in sand and dust storms 73351
Vishwakarma, D.N., Ram, B. Microprocessor-based digital impedance relay 99750
Vishwakarma, S.R., Rahmatullah, Yadav, A.K., Prasad, H.C., Mishra, M. Theoretical aspects of doping in tin oxide thin films 55720
Vishwanath, M. The recursive pyramid algorithm for the discrete wavelet transform 51455
Vishwanath, M. Algorithms and architectures for hierarchical compression of video 85077
Vishwanath, M. *see* Nagendra, C. 74504
Vishwanath, M. *see* Wu, C.-M. 80458
Visintainer, I. *see* Perin, D. 89331
Visintin, M. An adaptive DSP predistortion technique for radio systems 75182
Visintin, M., Biglieri, E., Castellani, V. Four-dimensional signaling for bandlimited channels 51305
Visintin, M. *see* Sorbara, D. 97159
Visnjic, V. Fermilab Antiproton Accumulator in the Main Injector era 87849
Visnjic, V., Halling, M. Study of betatron stochastic cooling in Fermilab antiproton debuncher 87850
Visocchi, P., Taylor, J., Mason, R., Betts, A., Haigh, D. Design and evaluation of a high-precision, fully tunable OTA-C bandpass filter implemented in GaAs MESFET technology 70727
Visokay, M.R. *see* Kuwabara, M. 63184
Visone, C. *see* Bobbio, S. 63263
Visone, C. *see* Bobbio, S. 82233
Visone, C. *see* de Magistris, M. 83616
Visscher, G.J.W., Kornet, J.G. Long-term tests of capacitive humidity sensors 99165
Vissche re, P.De *see* De Visschere, P.
Visser, A.de *see* de Visser, A.
Visser, H.J. *see* Smolders, B. 64234
Visser, H.K.A. *see* De Bruin, N.C. 67589
Visser, I. *see* Averin, S.V. 63582
Visser, M. *see* Gilbert, G. 65870
Visser, R. *see* Dorenbos, P. 59079
Visser, R. *see* van Eijk, C.W.E. 88043
Visser, R. *see* van Eijk, C.W.E. 98627
Vistoli, I. *see* Di Gerlando, A. 90045
Visvanatha, K. *see* Tarof, L.E. 72602
Visvanatha, K. *see* Yu, J. 56546
Visvikis, D. *see* Wells, K. 88090
Viswanadham, P., Coplin, D., Emerick, A., Haggett, R. Solder joint reliability of TSOPs—an overview 91054
Viswanadham, P., Zalesinski, J. "Flexible appliques" speed design changes [PCBs] 49715
Viswanathan, B. *see* Amarendra, G. 87660
Viswanathan, B. *see* Amarendra, G. 87661
Viswanathan, B. *see* Dias, E.D. 87358
Viswanathan, C.R., Hsu, J.-T., Aum, P., Chan, D. Enhanced gate-controlled-diode current (EGCDC) measurement 50031
Viswanathan, C.R. *see* Divakaruni, R. 62805
Viswanathan, C.R. *see* Divakaruni, R. 81905
Viswanathan, C.R. *see* Fonash, S.J. 71339
Viswanathan, C.R. *see* Hsu, J.-T. 62994
Viswanathan, C.R. *see* Wang, J. 50010
Viswanathan, C.R. *see* Xiaoyu Li 50015
Viswanathan, G. *see* Kishore, P. 77393
Viswanathan, K.V. Multinuclear nonmagnetic resonance studies of perfluoro poly ether lubricants 63237
Viswanathan, R. Fault tolerance in simple perceptrons 49612
Viswanathan, R. *see* Ansari, A. 75195
Viswanathan, R. *see* Ansari, I. 58290
Viswanathan, R.Raju *see* Raju Viswanathan, R.
Viswanathan, S. *see* Imielinski, T. 65344
Viswanathan, V.R. *see* Ali, M. 58608
Vita, E.De *see* De Vita, E.
Vita, L. *see* Casale, S. 65348
Vita, L. *see* Catania, V. 49578
Vita, L. *see* Catania, V. 65033
Vita, L. *see* Catania, V. 65235
Vita, L. *see* Catania, V. 85717
Vita, P.Di *see* Di Vita, P.
Vital, J.C. *see* Pratas, J. 61769
Vitale, G., Spirito, P. Comments on "A new type of transistor: CBT" 81948
Vitale, G. *see* Fratelli, L. 55905
Vitale, S. *see* Cerdonio, M. 50404
Vitale, S. *see* Falferi, P. 82510
Vitale, S. *see* Franceschini, L. 50405
Vitale, S. *see* Maslennikov, Y.V. 72169
Vitale, S. *see* Pignatel, G.U. 58750
Vitali, G., Pizzuto, C., Rossi, M., Zollo, G., Karpuzov, D., Kalitzova, M. Laser-induced reduction of carrier activation energy in Zn-implanted GaAs 62160
Vitalpur, S. *see* Hu, V. 88649
Vitanov, P. *see* Siegert, G.R. 81923
Vitanyi, P.M.B. *see* Ming Li 73610
Vite, D. *see* Masciocchi, S. 59137
Vitek, C. Test lab dissects new medical device EMC guidelines 94867
Vitel, Y. *see* Besson, P. 49755
Vitela, J.E. *see* Reifman, J. 53895
Viterbi, A.J. A vision of the second century of wireless communication 65567
Viterbi, A.J. The evolution of digital wireless technology from space exploration to personal communication services 75334
Viterbi, A.J., Viterbi, A.M., Gilhousen, K.S., Zehavi, E. Soft handoff extends CDMA cell coverage and increases reverse link capacity 97051
Viterbi, A.J., Viterbi, A.M., Zehavi, E. Other-cell interference in cellular power-controlled CDMA 58341
Viterbi, A.M. *see* Viterbi, A.J. 58341
Viterbi, A.M. *see* Viterbi, A.J. 97051
Viterbi, A.M. *see* Walley, S.K. 65090
Vitetta, G.M. Some new rotationally invariant TCM schemes for multidimensional M-PSK 64300
Vitetta, G.M. *see* D'Andrea, A.N. 51368
Vitetta, G.M. *see* D'Andrea, A.N. 73686
Viticoli, S. *see* Smyntyna, V.A. 66529
Vitkov, M.G. Bell-shaped frequency responses for synthesizing filters with a short duration pulse response 55332
Vitkov, V.M., Zyabrev, S.S. A system for analyzing operating experience at nuclear power stations 89540
Vitkov, V.M. *see* Andreev, V.I. 99847
Vito, A.Di *see* Di Vito, A.
Vitoria Lobo, N.da *see* da Vitoria Lobo, N.
Vitrant, G. *see* Heatley, D.R. 50511
Vitria, J. *see* Binefa, X. 79481
Vitria, J. *see* Perez, F.X. 79480
Vitriencho, E.A., Dolgopolov, B.Ya. Rotation of the satellite Prognoz-9 77105
Vitrik, O.B. *see* Kirichenko, O.V. 87216
Vitrik, O.B. *see* Kulchin, Y.N. 52909
Vitrik, O.B. *see* Kulchin, Y.N. 72546
Vitruk, P.P., Baker, H.J., Hall, D.R. Similarity and scaling in diffusion-cooled RF-excited carbon dioxide lasers 72702
Vitry, J.de *see* de Vitry, J.
Vittai, V. *see* Chadalavada, V. 89021
Vittal, A., Marek-Sadowska, M. Minimal delay interconnect design using alphabetic trees 93525
Vittal, V. The power systems program area at NSF (1993-1994) 79160
Vittal, V., Khammash, M.H., Pawloski, C.D. Analysis of control performance for stability robustness of power systems 89037
Vittal, V. *see* Fouad, A.A. 78193
Vittal, V. *see* Venkataraman, S. 89161
Vitter, J.S. *see* Hoang, D.T. 57892
Vitter, J.S. *see* Howard, P.G. 64322
Vitter, J.S. *see* Howard, P.G. 64679
Vitter, J.S. *see* Howard, P.G. 95161
Vitter, J.S. *see* Miltersen, P.B. 70216
Vittitoe, C.N. *see* Kotulski, J.D. 87111
Vittone, S. *see* Novak, T. 69298
Vittone, E. *see* Basile, G. 86968
Vittone, E. *see* Basile, G. 86982
Vittone, E. *see* Manfredotti, C. 88052
Vittor, P.De *see* De Vittor, P.
Vittoria, C. *see* Dmitriev, V. 61882
Vittoria, C. *see* Dorsey, P.C. 50240
Vittoria, C. *see* Guan, D. 49627
Vittoria, C. *see* How, H. 73469
Vittoria, C. *see* How, H. 73506
Vittoria, C. *see* How, H. 80572
Vittoria, C. *see* How, H. 94951
Vittoria, C. *see* Jiang, H. 56243
Vittoria, C. *see* Kwan, P. 49626
Vittoria, C. *see* Kwan, P. 51177
Vittoria, C. *see* Seed, R.G. 55387
Vittoria, C. *see* Seed, R.G. 82386
Vittoz, E.A. Analog VLSI signal processing: why, where, and how? 61828
Vittoz, E.A. Analog VLSI signal processing: why, where, and how? 70778

Vittoz, E.A. Low-power design: ways to approach the limits 93556
Vittoz, E.A. *see* Heim, P. 80521
Vittoz, E.A. *see* Mortara, A. 61847
Vitulano, S. *see* Flauto, A. 73602
Vitulo, P. *see* Arena, V. 53299
Vitulo, P. *see* Arena, V. 98656
Vitushkin, L.F., Zakharenko, Yu. G., Melnikov, N.A., Jianpei Hu, Ikonen, E., Riski, K. Russian-Finnish comparison of the frequencies of iodine-stabilized He-Ne lasers at 633 nm 66098
Viveash, J.P., Belyavin, A.J., Bigmore, D.J., Clarkson, G.J., McCarthy, G.W., Rumbold, D.A., Stott, J.R.R. Determination of eye position in fast jet flight 67672
Viveash, J.P., Cable, A.N., King, S.K., Stott, J.R.R., Wright, R. Aircraft vibration and the readability of an electronic flight instrument display 99087
Vivekanandan, J., Bringi, V.N., Hagen, M., Meischner, P. Polarimetric radar studies of atmospheric ice particles 59552
Vivekanandan, J., Turk, J., Marzano, F.S., Mugnai, A., Spencer, R.W., Hood, R.E., LaFontaine, F.J., Smith, E.A., Bringi, V.N. Active and passive remote sensing of precipitation over ocean surfaces 77375
Vivekanandan, J. *see* Adams, W.M. 67824
Vivekanandan, J. *see* Monakov, A.A. 59599
Vivekanandan, J. *see* Monakov, A.A. 75582
Vivekanandan, J. *see* Raghavan, R. 77387
Vivensang, C., Turban, G., Anger, E., Gicquel, A. Reactive ion etching of diamond and diamond-like carbon films 71344
Vivenzio, T.A. *see* Kuhr, R.W. 78003
Viverge, P.J. *see* Sarrus, F. 100222
Vivoli, M. *see* Biffi Gentili, G. 77056
Viyogi, Y.P. *see* Banerjee, A. 98484
Vizen, F.L. *see* Epikhin, V.M. 72503
Vizoso, B., Vazquez, C., Civera, R., Lopez-Amo, M., Muriel, M.A. Amplified fiber-optic recirculating delay lines 50484
Vizuete, M.M. *see* Guitart, J. 72897
Vizvari, B. *see* Kolumban, G. 49210
Vizvary, G. *see* Trefonas, P. 81671
Vizzini, A.J. *see* Divekar, A.A. 91671
Vlachopoulos, N. *see* Hagfeldt, A. 72438
Vlachos, D.S. *see* Skafidas, P.D. 66572
Vlachos, D.S. *see* Skafidas, P.D. 98172
Vladar, A.E. *see* Lowney, J.R. 82026
Vladimirescu, A., Chariot, J.-J. MOS analogue circuit simulation with SPICE 71792
Vladimirov, A.B. *see* Arbuzov, V.L. 70132
Vladimirov, A.G. Theoretical analysis of multimode instability in a laser with a saturable absorber 94630
Vladimirov, Yu.F. Analysis of the steady-state asymmetrical operating mode of cable networks up to 1 kV with an isolated neutral 53690
Vladimirov, Yu.F. Peculiarities of calculating steady-state unbalanced working parameters in 1 kV cable networks with an insulated neutral 99425
Vladykov, G.M. *see* Kovalevich, O.M. 89493
Vlag, H.A.B.van de *see* van de Vlag, H.A.B.
Vlahavas, I. *see* Pombortsis, A. 96128
Vlahinic, I., Vucetic, D. Contribution to the integration of marine diesel-generator control equipment 99961
Vlahodimitropulos, K. *see* Lopez, R. 64152
Vlaicu, A., Lungu, S., Meciu, E., Iacob, S. Anatomic segmentation, feature extraction and pseudocoloring for biomedical image measurements 76910
Vlaicu, A., Lungu, S., Rusu, C. Surface interpolation technique and 3D segmentation for reconstructing 3D objects from serial sections 74290
Vlakos, K.M. *see* Sykas, E.D. 64989
Vlakos, K.M. *see* Sykas, E.D. 85975
Vlaminck, M.De *see* De Vlaminck, M.
Vlasenko, A.I., Lyubchenko, A.V. Extraction of minority carriers in photoresistive $Cd_xHg_{1-x}Te$ crystals with various conductivities 92934
Vlasik, K.F. *see* Bolotnikov, A.E. 67415
Vlasik, K.F. *see* Ulin, S.E. 88134
Vlasov, A.N., Privalov, V.E., Chulyaeva, E.G. The effect of discharge current modulation on frequency instability of a stabilized helium-neon laser with an external absorption cell 72704
Vlasov, A.N. *see* Nusinovich, G.S. 62117
Vlasov, G.K., Chernyavskii, G.M., Dolgikh, N.A., Vylegzhanin, D.N. One-directional ring laser with running wave of inverse population and devices of guidance and navigation on its base 72969
Vlasov, N.G., Vorob'ev, S.P., Shtan'ko, A.E. Reconstruction of holographic images with the aid of an extended source 94672
Vlasov, S.N. Radiation structure of single-mode gyrotron 49740
Vlasov, Y.G. *see* Levichev, S.S. 66257
Vlasschaert, T. *see* Hashemi, H. 73359
Vlatkovic, V., Borojevic, D. Digital-signal-processor-based control of three-phase space vector modulated converters 60360
Vlatkovic, V., Borojevic, D. Digital-signal-processor-based control of three-phase space vector modulated converters 61550
Vlatkovic, V., Borojevic, D., Lee, F.C. Input filter design for power factor correction circuits 90149
Vlatkovic, V., Borojevic, D., Lee, F.C. Soft-transition three-phase PWM conversion technology 100264
Vlatkovic, V. *see* Cuadros, C. 100262
Vlatkovic, V. *see* Hiti, S. 60323
Vleck, E.S.Van *see* Van Vleck, E.S.
Vledder, F. *see* Centen, P. 97689
Vlekkert, H.H.van den *see* van den Vlekkert, H.H.
Vlemincq, M. *see* Robert, J. 89799
Vleuten, R.J.van der *see* van der Vleuten, R.J.
Vleuten, W.C.Van Der *see* Van Der Vleuten, W.C.
Vleuten, W.van der *see* van der Vleuten, W.
Vlieks, A. *see* Caryotakis, G. 67156
Vlieks, A. *see* Ruth, R.D. 66791
Vlieks, A.E., Callin, R., Deruyter, H., Early, R., Fant, K.S., Farkas, Z.D., Fowkes, W.R., Galloway, C., Hoag, H.A., Koontz, R., Loew, G.A., Lavine, T.L., Menegat, A., Miller, R.H., Palmer, D., Pearson, C.C., Ruth, R.D., Tantawi, S.G., Wilson, P.B., Wang, J.W., Yoneda, C., Kroll, N., Nantista, C. Accelerator and RF system development for NLC 67011
Vlieks, A.E. *see* Farkas, Z.D. 66824
Vlieks, A.E. *see* Hantista, C. 66823
Vlieks, A.E. *see* Hoag, H.A. 66816
Vliet, A.van *see* van Vliet, A.
Vliet, L.J.Van *see* Van Vliet, L.J.
Vlist, W.van der *see* van der Vlist, W.
Vlokh, O.G. *see* Berezhnaya, S.Yu. 57700
Vlontzos, J.A. *see* Geiger, D. 96042
Vlugt, M.van der *see* van der Vlugt, M.
Vlummens, J. *see* Dierickx, B. 67378
Vlummens, J. *see* Ricquier, N. 66457
Vo, C. *see* Donahoe, K.E. 89186
Vo Anh, Gras, F., Hung Tat Tsui A class of fractional random fields for image texture modelling 95934
Vobian, J., Morl, K., Keilig, W. Different aspects of the polarization mode dispersion measuring technique 82617
Vobian, J. *see* Lieber, W. 82610
Vobian, J. *see* Reichel, V. 52490
Vobly, P.D. *see* Kang, B.K. 76650
Voccio, J.P., Joshi, C.H., Lindberg, J.F. Application of high-temperature superconducting wires to magnetostrictive transducers for underwater sonar 82414
Vodopianov, F.A. Mechanically tuned accelerating resonators 67147
Voelker, R.H. *see* Frankel, M.Y. 49618
Voelzke, E. International standardization — a prerequisite for corporate networks 96404
Vogai, P. *see* Ostermeir, R. 63603
Vogas, J.L. The complementary roles of simulation and sneak-analysis 54627
Voge, C. *see* Algalarrondo, D. 96848
Vogel, A., Schule, V., Baier, G., Mahl, A. Sensor for on-line in situ measurement of soot concentration in flue gases 66253
Vogel, B. *see* Lu, G. 65967
Vogel, C.R., Wade, J.G. Iterative SVD-based methods for ill-posed problems 54738
Vogel, D. Re-engineering towards the meeting of the future 85927
Vogel, D., Harrer, S. DGPS emergency location system for vehicles 97484
Vogel, E.M. *see* Wang, J.S. 94081
Vogel, E.M. *see* Wang, J.S. 94380
Vogel, G. Software for reduction of assembly costs 92842
Vogel, H. *see* Dasbach, D. 67148
Vogel, H. *see* Schwarz, E. 58542
Vogel, M. Gas turbines—the 'prime movers' of modern power plant engineering 78444
Vogel, P. Analytical coding of Gaussian sources 95197
Vogel, P. *see* Altwegg, L. 52592
Vogel, P. *see* Chen, M. 59169
Vogel, P. *see* Wang, U. 80545
Vogel, R. *see* Geib, P. 60386
Vogel, R. *see* Meyer, H. 90701
Vogele, B. *see* McMeekin, S.G. 72649
Vogele, H., Simond, J.-J., Sprysl, H. Major design aspects of large hydro generators 89886
Vogele, H. *see* Simond, J.-J. 89742
Vogeli, C. *see* Ross, R. 100540
Vogels, W. *see* Verissimo, P. 96775
Vogelsang, T. *see* Abramo, A. 81195
Voges, E. *see* Hoffmann, M. 87076
Voges, E. *see* Lee, P.-C. 50523
Voges, E. *see* Schulz, D. 63474
Vogl, P. *see* Di Carlo, A. 93311
Vogl, P. *see* Zandler, G. 63592
Vogl, W. *see* Schwille, W.J. 76785
Vogler, T. *see* Metzner, D. 93298
Vogt, C. *see* Delgrossi, L. 65126
Vogt, C. *see* Katker, S. 58079
Vogt, H. *see* Adam, A. 88087
Vogt, H. *see* Adam, A. 88102
Vogt, H. *see* Adriani, O. 88023
Vogt, H. *see* Buttler, W. 93648
Vogt, H. *see* Werno, J. 66203
Vogt, H. *see* Weyers, J. 61558
Vogt, M. *see* Griese, E. 92686
Vogtmann, T. *see* Fehn, T. 73084
Vohra, A. *see* Lal, M. 63546
Vohra, S.T. Characterization of nonlinear magnetostrictive dynamics by fiber optic interferometry 53034
Vohra, S.T. *see* Fabiny, L. 98043
Vohra, Y.K. *see* Jun Liu 66309
Vohra, Y.K. *see* Jun Liu 87594
Voicu, L. *see* Petris, A. 64026
Voicu, N., Iordache, M. A computing method for thermal resistance modelling of the heating of indirect convection cooled turbogenerator rotors 78544
Voicu, N. *see* Iordache, M. 61486
Voigt, A., Rillich, B., Strunk, H.P. Defect structure of multicrystalline chemical vapor deposited silicon films 79917
Voigt, A., Strunk, H.P. Influence of surface treatment on electrical activity of dislocations and minority carrier diffusion length in cast multicrystalline silicon 55537
Voigt, A. *see* Wolf, E. 81185
Voigt, B., Horneber, E.-H., Augsburger, R., Neubauer, C. Analogue simulation of digital logic 80218
Voigt, H. *see* Bogner, G. 93907
Voigt, J.A. *see* Tuttle, B.A. 56120
Voigt, M.J.A.de *see* de Voigt, M.J.A.
Voigt, R. Evolving buses: backplane buses mature to keep pace with technology 85783
Voigtlander, B., Zinner, A. Surfactant-mediated epitaxy of Ge on Si(111): the role of kinetics and characterization of the Ge layers 91497
Voigtlander, B. *see* Scheuch, V. 91445
Voillat, D. *see* Allport, P.P. 76752
Voinigescu, S., Schumacher, M., Iniewski, K., Lisak, R., Parpia, Z. Emerging SiGe technology—a review 62220
Voinigescu, S.P., Iniewski, K., Lisak, R., Salama, C.A.T., Noel, J.-P., Houghton, D.C. New technique for the characterization of Si/SiGe layers using heterostructure MOS capacitors 55664
Voinov, V.G., Dorofeyev, V.E. Integral equation of convolution type: a new algorithm for analytical deconvolver computing 64549
Voinovsky, I.V. *see* Khimenko, O.A. 66009
Voisin, G. *see* Thuries, E. 53752
Voisin, G. *see* Thuries, E. 68229
Voitekh, A.A., Kislenko, V.I., Malykhin, E.I., Bondarenko, Yu.N. Problems of developing series of general-purpose low-voltage induction motors in the Ukraine 90001
Voitovich, A.P., Kulminskii, A.M., Severikov, V.N. Generation dynamics of a He-Ne laser with a nonuniformly rotating amplitude-phase element 94360
Voitsekh, S.I. *see* Kuznetsov, G.V. 73622
Voitsekhovskii, A.V. Lifetime of charge carriers in $Hg_{1-x}Cd_xTe(x=0.20)$ crystals 92938
Vojak, R. *see* Sworder, D.D. 95967
Vojcic, B.R., Milstein, L.B., Pickholtz, R.L. Power control versus capacity of a CDMA system operating over a low Earth orbiting satellite link 75377
Vojcic, B.R., Pickholtz, R.L., Milstein, L.B. Performance of DS-CDMA with imperfect power control operating over a low earth orbiting satellite link 65606
Vojdani, F. *see* Rosling, M. 93362
Vojislav, A. *see* Mirko, O. 58937
Vojtanik, P., Macko, D., Lovas, A. The Perminvar effect in binary amorphous CoB alloys 72003
Vojtyla, P., Beer, J., Stavina, P. Experimental and simulated cosmic muon induced background of a Ge spectrometer equipped with a top side anticoincidence proportional chamber 53361
Vokhnik, O.M. *see* Vasilev, A.B. 50893
Vokurka, E. *see* Baggs, R. 76791
Vokurka, V.J. *see* Birtcher, C.R. 52618
Vokurka, V.J. *see* van de Griendt, M.A.J. 57302
Vol, E.D., Omelyanchouk, A.N. Current and magnetic field-controlled superconducting multiterminal microstructures 72241
Volakis, J.L. EM programmer's notebook 97375
Volakis, J.L., Chatterjee, A., Gong, J., Kempel, L.C., Ross, D.C. Progress on the application of the finite element method for 3D electromagnetic scattering and radiation 73270
Volakis, J.L., Petropoulos, P.G., Appel-Hansen, J. EM programmer's notebook 51066
Volakis, J.L. *see* Chatterjee, A. 83618
Volakis, J.L. *see* Jian Gong 94961
Volakis, J.L. *see* Kempel, L.C. 95013
Volakis, J.L. *see* Ozdemir, T. 95024
Volakis, T.L., Chatterjee, A., Kempel, L.C. Review of the finite-element method for three-dimensional electromagnetic scattering 51054
Volanschi, A., Olthuis, W., Bergveld, P. Design of a miniature electrolyte conductivity probe using ISFETs in a four point configuration 66230
Volcker, M., Krieger, W., Walther, H. Laser-frequency mixing in a scanning force microscope and its application to detect local conductivity 76193
Voldman, S., Marceau, M., Baker, A., Adler, E., Geissler, S., Slinkman, J., Johnson, J., Paggi, M. Retrograde well and epitaxial thickness optimization for shallow- and deep-trench collar merged isolation and node trench SPT DRAM cell and CMOS logic technology 63008

Voldstad, P. *see* Pham, D. 92287
Volejnik, W. *see* Stummer, B. 96403
Volf, J. Methods of processing tactile information based on the solution of Helmholtz's equation 57621
Volf, P. Proportional intensity model for regression in event-history analysis 61068
Volfson, L.B. *see* Martin, J.F. 88359
Volgin, L., Buldakov, O. Digital controlling processor for rank-addressing identification and selection of analog signals 95573
Voljin, V. *see* Faur, M. 100687
Volk, K. *see* Kipper, A. 76527
Volk, K. *see* Ludwig, T. 53131
Volk, S.R. *see* Allen, R.A. 62975
Volkart, P. *see* Speerli, J. 89720
Volken, W. *see* Borer, K. 76790
Volker, M. *see* Kauffmann, F. 58668
Volkert, R. *see* Bahr, J. 88245
Volkonsky, V. *see* Vetrov, A. 87054
Volkonsky, V.B. *see* Berezhnoy, A.A. 82690
Volkov, A.A. Optimization of the amplitude-frequency response of the electroacoustic channel of a communications system used on transportation facilities 64521
Volkov, A.A. Optimization of the transmission of single-sideband companded signals 83906
Volkov, A.D. *see* Demortier, L. 59090
Volkov, A.P. *see* Solov'ev, V.I. 89585
Volkov, A.V., Slavutskiy, L.A., Shevtsov, B.M. Use of microwave radar scattering to determine the characteristics of energy-bearing sea waves 67850
Volkov, E.A., Neches, I.O., Pirogova, N.D. Modeling of radio-receiving channels using Volterra series 83887
Volkov, E.P. Forecast for nontraditional energy development at the beginning of the 21st century according to the data presented at the 15th Congress of the World Energy Council 89422
Volkov, E.P., Prokhorov, V.B., Rogalev, N.D., Safronov, S.V. Reduction of the adverse environmental impact of thermal power plant emissions by optimizing loading of the equipment 53913
Volkov, J.N. *see* Batalin, V.A. 98496
Volkov, L.V., Larkin, A.I. Potential applications of quasi-cw partially coherent radiation in optical data recording and processing 57738
Volkov, S.S., Doroshina, N.V., Sergachev, A.A., Tolstoguzov, A.B., Fetisov, S.A. Cesium gun for a scanning ion microprobe 53141
Volkov, V. *see* Anishchenko, N. 94012
Volkov, V.A. *see* Urlin, V.D. 50734
Volkov, V.A. *see* Videneev, E.N. 89461
Volkov, V.G. *see* Bakunov, A.S. 55017
Volkov, V.M. *see* Logvin, Yu.A. 94627
Volkovoy, V.B. *see* Boardman, A.D. 50938
Volksen, W. *see* Labadie, J.W. 91021
Volksen, W. *see* Miller, R.D. 56913
Volksen, W. *see* Twieg, R.J. 56415
Vollert, M. *see* Nonnenmacher, B. 75073
Vollertsen, R.-P. *see* Abadeer, W.W. 71703
Vollin, J., Tan, F.D., Cuk, S.M. Magnetic regulator modeling 60333
Vollin, J.L. *see* Tan, F.D. 56229
Vollmar, H.-E. *see* Bayer, W. 59835
Vollmer, B., Licata, T., Restaino, D., Ryan, J. Recent advances in the application of collimated sputtering 61410
Vollmer, B. *see* Kersch, A. 61394
Vollmer, E., Ruhaak, J., Janik, D., Peinelt, W., Butz, W., Stumper, U. Microcalorimetric measurement of the effective efficiency of microwave power sensors comprising thermocouples 86867
Vollmer, E. *see* Gutmann, P. 87405
Vollmer, E. *see* Meyer, H.-G. 66112
Vollmer, J., Hein, H., Menz, W., Walter, F. Bistable fluidic elements in LIGA technique for flow control in fluidic microactuators 68924
Vollmer, W. *see* Rukes, B. 78433
Vollmerhausen, R. Display of sampled imagery 64855
Vollmerhausen, R.H., Nash, C.J. Design criteria for helicopter night pilotage sensors 67718
Vollrath, J. Low temperature CMOS-compatible JFET's 62996
Vollrath, J. *see* Thakur, D.K. 63031
Vollrath, K. Terminal blocks for installation in buildings 89248
Volm, D. *see* Wetzel, C. 70045
Volmich, P. *see* Lakner, H. 81314
Volodarsky, V., Shaimardanov, P., Bakirov, A., Kudriavtsev, A. Reliability investigation of fault-tolerant ring communication channel for multicomputer system 96733
Volodchenko, K.V. *see* Bogdanov, Yu.V. 72940
Volodin, B.A. *see* Belov, R.K. 82515
Volodin, B.L. *see* Meerholz, K. 94040
Volodko, A.G. *see* Butenko, V.A. 53317
Vologin, V.G., Teploukhov, S.G., Eidlin, A.O., Denisov, D.S., Elyutin, N.O., Matveev, S.K. Efficient germanium monochromators of thermal neutrons 87859
Volokhov, S.A. Indirect determination of the quality of rotor lamination in electric machines 60156
Volokitin, Ya.E., Thiel, R.C., de Jongh, L.J. Heat capacity of thick-film resistor thermometers and pure RuO_2 at low temperatures 87574
Voloshchenko, D.A. *see* Yaroshchuk, O.V. 73143
Voloshin, A. *see* Han, L. 87264
Voloshin, A.S., Pei-Haw Tsao Analysis of the stresses in the chip's coating 91041
Voloshin, O.I., Leshchuk, I.I. Analysis of the effect of the edge region of a reflector on the level of the side lobes 64209
Voloshin, V.I. *see* Brandstadt, A. 61092
Voloshinov, V.B., Karasev, V.A., Molchanov, V.Ya., Ponomareva, V.P., Tupitsa, V.S. Wide-aperture acoustooptical modulator of nonpolarized radiation for high-power solid-state technological lasers 56466
Volosovitch, A., Konopaltseva, L., Semerenko, M. New information methods for development integrated optics design 82689
Volosyuk, V.K. Transformation of fields and their correlation functions into spectral characteristics of extended sources of wideband radiation 58522
Volosyuk, V.K., Kravchenko, V.F., Fal'kovich, S.E. Reconstruction of electrophysical parameters of soils for subsurface cartography 99156
Volotinen, T.T., Yuce, H.H., Frantz, R.A. Effects of glass preparation on the surface corrosion of fused silica optical fibres 94103
Volovitenkova, I.L. *see* Mitin, L.A. 81141
Volovov, V.I., Klyuev, M.S. Effect of receiver antenna rotation on the accuracy of acoustic measurements of small vessel displacements 75659
Volpe, R., Ivlev, R. A survey and experimental evaluation of proximity sensors for space robotics 97986
Volpini, G. *see* Acerbi, E. 89295
Volpini, G. *see* Baccaglioni, G. 87617
Volsdhenk, A.F. *see* Kamper, M.J. 69104
Volski, V. *see* Biglieri, E. 64269
Volte, A. *see* Benayoun, M. 59095
Voltz, D.A. *see* Bow, K.E. 55451
Volyar, A.V., Lapaeva, S.N., Fadeeva, T.A., Modnikova, E.A., Dyadyura, A.M. Stability of wave caustics in multimode optical fibers 94071
Volyar, A.V., Lapayeva, S.N., Fadeeva, T.A. Change in sign of the topological charge of optical vortices in the field of a multimode fiber 56365
Volyar, A.V., Mitsai, Y.N., Lapaeva, S.N. Influence of curvature of the cross section of a multimode fiber on angular rotation of the ray, caustic 56351
Volyar, A.V., Mitsai, Y.N., Myagkov, V.I., Fadeeva, T.A. Interaction of the topological Berry phase with the optical Magnus effect. I. Topological birefringence in optical fibers 56364
Volynets, V.I. Algorithms of the Hartley fast transformation with conjugate pairs 69908
Volzhev, A.A. *see* Demsky, M.I. 67022
Vombach, A. *see* Ecker, W. 96217
Von Ammon, R. Solar neutrino measurement with the radiochemical gallium detector (GALLEX) 88130
von Apeldoorn, G., Arnoud, Y., Aubret, C., Baillon, P., Battaglia, M., Berggren, M., Bloch, D., Bourdarios, C., Brunet, J.M., Buys, A., Carrie, P., Chevry, M., Christophel, E., D'Almagne, B., Davenport, M., Dolbeau, J., Dracos, M., Dris, M., Engel, J.P., Fassouliotis, D., Filippas, T.A., Fokitis, E., Fraissard, D., Fulda, F., Gazis, E.N., Guglielmi, L., Hahn, F., Haider, S., Honore, P.F., Huet, K., Ioannou, P., Juillot, P., Karvelas, E., Katsanevas, S., Katsoufis, E., Njaer, N., Kluit, P.M., Koene, B., Kourkoumelis, C., Lecoeur, G., Lenzen, G., Loukas, D., Maltezos, A., Maltezos, S., Markou, A., Mourgue, G., Nicolaidou, R., Papadopoulou, T.D., Poutot, D., Polok, G., Rahmani, H., Resvanis, L.K., Schyns, E., Strub, R., Thadome, J., Theodosiou, G.E., Toet, D.Z., Tristram, G., Tsirou, A. Performance of the Barrel Ring Imaging Cherenkov counter of DELPHI 88116
von Bally, G. *see* Dirksen, D. 83379
von Bergmann, H.M. *see* Botha, L.R. 94320
von Bergmann, H.M. *see* Klopper, W. 94321
von Bochmann, G., Petrenko, A. Protocol testing: review of methods and relevance for software testing 96220
von Bochmann, G. *see* Gang Luo 65060
von Borany, J. *see* Kogler, R. 55533
von Borany, J. *see* Schmidt, B. 66218
von Borstel, D., Hoogestraat, G., Ziechmann, W. Efficiency of lignosulfonates and humic-related substances as expanders in negative electrodes of the lead/acid system 68950
von Brisinski, I.Spitczok *see* Spitczok von Brisinski, I.
von Bunau, R. *see* Jeong, H.J. 49413
Von Campbell, C. Customer-driven development of a new high-performance data acquisition system 97813
Von Delport, V., Neubert, U. Image sequence coding using vector quantization (Part 1) 84609
von der Emde, M. *see* Schultz, C. 93044
von der Emde, M. *see* Wright, A.C. 79836
von der Linde, D. *see* Zhao Futan 83279
von der Linden, M.B. *see* Schropp, R.E.I. 100599
Von Der Muhll, R. *see* Huang, S.-Y. 56123
von der Weid, J.P., da Silva, J.A.P., Gama, A.L., Sant'Anna, A.C. Subsea electric generator 100977
von der Weid, J.P., da Silva, J.A.P., Sant'Anna, A.C. Underwater cableless data transmission 97279
Von der Weid, J.P. *see* Gisin, N. 72309
von der Weid, J.P. *see* Passy, R. 82618
von der Weid, J.P. *see* Passy, R. 87258
von der Weid, J.P. *see* Passy, R. 98326
von Dollen, D.W. *see* Bascom, E.C., III 68338
Von Dollen, D.W. *see* Bascom, E.C., III 89272
Von Dosch, C. Digital HDTV satellite broadcasting in the 21.4 to 22 GHz range and its incorporation into the present and future media infrastructure — state of the "HD-SAT" RACE project 86667
von Drachenfels, W.-G., Horn, K. A concept for intelligent sensors with integrated calibration and functional monitoring 75926
von Dratzig, A.Schultz *see* Schultz von Dratzig, A.
von Flotow, A. *see* Edberg, D. 99058
von Flotow, A.H. *see* Collins, S.A. 53508
Von Goeler, S., Jones, S., Kaita, R., Bernabei, S., Davis, W., Fishman, H., Gettelfinger, G., Ignat, D., Paoletti, F., Petravich, G., Rimini, F., Roney, P., Stevens, J., Stodiek, W. Camera for imaging hard X-rays from suprathermal electrons during lower hybrid current drive on PBX-M 59246
von Gutfeld, R.J., Vigliotti, D.R., Wells, O.C., Khanna, V.D., O'Sullivan, E.J. Maskless laser patterning of insulating films from salt solutions 61334
Von Hagmanns, F.J. Reception techniques for high speed vehicles in the GSM mobile radio system, Part 1: Antenna-diversity 86092
Von Hahn, R. *see* Grieser, M. 76310
von Haslingen, T.Graf *see* Graf von Haslingen, T.
Von Hentschel, C. Movement detection in video systems with interlaced scanning 85148
Von Hilberg, W. A novel neural network with different nodes in meshed layers 83936
Von Hugo, D., Wilde, A. An adaptive resource sharing strategy for TDMA 86249
von Jena, A., Fischer, B., Magori, V., Talke, W. Intelligent sensor for monitoring freight-waggon working conditions 66175
von Kanel, H. *see* Sirringhaus, H. 81343
von Klitzing, K. *see* Fischer, C.M. 93012
Von Klitzing, K. *see* Grahn, H.T. 62270
Von Klitzing, K. *see* Mani, R.G. 62622
von Leeuwen, J.H. *see* Grabandt, O. 52516
Von Leirer, O. *see* Tanke, E.D. 96517
von Lucadou, I. *see* Lager, W. 67447
Von Marquardt, J., Wendel, R., Grimm, M. Calculation of a transition between a circular waveguide and a perpendicular rectangular waveguide 83746
von Molnar, S., Terry, I., Penney, T., Becla, P. Local magnetization and magnetotransport in magnetic semiconductors 55579
von Molnar, S. *see* Terry, I. 49788
von Munch, W., Nagele, M., Wohl, G., Ploss, B., Ruppel, W. A 3×3 pyroelectric detector array with improved sensor technology 58793
von Munch, W., Wiebach, S. Production of β-SiC buffer layers for CVD diamond thin films by ion implantation 69933
Von Munch, W. *see* Fischer, M. 82845
von Munch, W. *see* Lienhard, D. 66323
von Munch, W. *see* Reuther, H.M. 66211
von Ortenberg, M., Portugall, O., Muller, H.-U., Puhlmann, N., Thiede, M., Machel, G., Barczewski, M., Breitlow-Hertzfeld, J. The HUMBOLDT High Magnetic Field Center in Berlin 82505
von Ortenberg, M. *see* Lang, M. 61293
von Ortenberg, M. *see* Lu, W. 62226
von Ortenberg, M. *see* Machel, G. 83572
von Ortenberg, M. *see* Schikora, D. 61282
von Pattay, W.P. International cabling standard ready to break through 52294
von Plessen, G., Feldmann, J., Goossen, K.W., Schlichtherle, B., Gobel, E.O., Miller, D.A.B., Cunningham, J.E. Carrier escape tunnelling out of shallow multiple quantum wells studied by transient four-wave mixing 62267
von Przewoski, B. *see* Ross, M.A. 53283
Von Przewoski, B.V. *see* Blinov, B.B. 87861
von Puttkamer, E. *see* Buchberger, M. 52650
von Rhoneck, C. *see* Grob, K. 79184
von Roedern, B. *see* Luft, W. 100534
von Roedern, B.G. *see* Zweibel, K. 100489
von Sacken, U., Nodwell, E., Sundher, A., Dahn, J.R. Comparative thermal stability of carbon intercalation anodes and lithium metal anodes for rechargeable lithium batteries 90361
von Sacken, U. *see* Dahn, J.R. 90359
Von Salza Brown, T. *see* Sethi, S. 81699
von Schickfus, M., Stanzel, R., Kammereck, T., Weiskat, D., Dittrich, W., Fuchs, H. Improving the SAW gas sensor: device, electronics and sensor layer 66526
von Schilling, P. *see* Levis, J. 52117
von Schwerin, A. *see* Jacobs, H. 93396
Von Specht, H. *see* Pethe, J. 76913
von Specht, H. *see* Pethe, J. 98874
von Staa, F., Hempel, K.A., Wang, Y. Determination of the texture distribution of Nd-Fe-B magnets using a torsion pendulum magnetometer 50219

von Stengel, B. *see* Esparza, J. 61094
von Steuber, O., Lipp, H.M. ARTUS—an open framework for logic synthesis 92067
Von Wedel, G. *see* Holley, E.P. 78427
Von Wehr, A. Design criteria for an imaging CW-laser-ranging-system and its realization (Part II) 86600
von Westerholt, E. *see* Frick, A. 90484
von Windheim, J.A. *see* McClure, M.T. 48990
von Wingerden, P.P.M. *see* Blankevoort, J.E. 97694
Von Witsch, W. *see* Barakat, M. 98712
Von Wood, D. Away from the starting block: Digital television broadcasting in Europe 86666
Von Zuben, A.A.G. *see* Morosini, M.B.Z. 50800
Vongas, G. *see* Honary, B. 94812
Vongas, G. *see* Walker, P. 96996
Vonlanthen, F. *see* Guedes Silveira, J. 58224
Vonno, N.van *see* van Vonno, N.
Vonno, N.W.van *see* van Vonno, N.W.
VonReyn, T. *see* Bechade, R. 92285
Vonwiller, C.C. Global telecommunications development: Market forces or multi-lateral planning? 96337
Vook, D., Kamins, T.I., Burton, G., Vande Voorde, P.J., Wang, H.-H., Coen, R., Lin, J., Pettengill, D.F., Yu, P.-K., Rosner, S.J., Turner, J.E., Laderman, S.S., Horng-Sen Fu, Wang, A.S. Double-diffused graded SiGe-base bipolar transistors 61908
Vook, R.W. *see* Kothari, R. 61986
Voon, L.C.Lew Yan *see* Lew Yan Voon, L.C.
Voor, T. *see* Wahid, P.F. 73540
Voorde, N.E.Van de *see* Van de Voorde, N.E.
Voorde, P.J.Vande *see* Vande Voorde, P.J.
Voorhees, J.W. *see* Weiland, M.Z. 99081
Voort, C.van der *see* van der Voort, C.
Voorter, P.H.C. Keep the gas motor of a heat and power installation turning 89682
Voos, M. *see* Warren, P. 93099
Vopilkin, A.Kh. *see* Badalyan, V.G. 55006
Voran, S.D., Scharf, L.L. Polar coordinate quantizers that minimize mean-squared error 64285
Vorburger, T.V. *see* McWaid, T.H. 76189
Vorburger, T.V. *see* Schneir, J. 86836
Vorenkamp, P., Verdaasdonk, J., van de Plassche, R., Scheffer, D. A 1 Gs/s, 10b digital-to-analog converter 92323
Vorfolomeev, G.N. Transformer phase-number converter for the supply of two-phase power consumers 100355
Voris, S.S., Jr. *see* Mills, A.P., Jr. 87944
Vorlander, M., Bietz, H. Novel broad-band reciprocity technique for simultaneous free-field and diffuse-field microphone calibration 77747
Vormann, H. *see* Kipper, A. 76527
Vormes, E. *see* Eskenazi, M. 98965
Vorob'ev, A.A., Kolchanova, S.A., Sizykh, A.G., Sul'kis, I.G. The formation of light-induced gratings in the rigid eosin K solution in gelatin 94671
Vorob'ev, A.K. *see* Belov, R.K. 82515
Vorob'ev, A.N. *see* Afanas'ev, A.A. 78563
Vorob'ev, A.N. *see* Afanas'ev, A.A. 100055
Vorob'ev, A.P., Chmil', V.B., Chuntonov, A.V., Koretskii, A.V., Potapov, A.I., Tolbanov, O.P., Khludkov, S.S. A study of GaAs structures with built-in π-ν junctions used for making position-sensitive detectors 76751
Vorob'ev, A.Yu., Nikitin, D.V., Khachaturova, E.A. A way of calculating and controlling the operating conditions of energy storages in power systems 99499
Vorob'ev, L.A. *see* Sidulov, M.V. 89662
Vorob'ev, L.S. *see* Akimov, V.A. 53286
Vorob'ev, S.P. *see* Vlasov, N.G. 94672
Vorob'ev, V.N. *see* Afanas'ev, A.A. 100104
Vorob'ev, Y.P., Dedunovich, M.A. Prospects of using solid-state extremely high frequency active devices 61912
Vorob'eva, A.I., Parkun, V.N. AES and SEM investigation of anodization of thin-film Al-Ta composites 61428
Vorobjev, L.E., Danilov, S.N., Donetsky, D.V., Firsov, D.A., Kochegarov, Yu.V., Stafeev, V.I. An injectionless FIR laser based on interband transitions of hot holes in germanium 63749
Vorobjov, I.A. *see* Kapchinskiy, I.M. 76313
Vorob'jova, A. *see* Heremans, G. 82444
Vorobjova, A. *see* Nikulin, A. 82452
Vorobjova, A.E. *see* Nikulin, A.D. 83563
Vorob'yev, A.N. *see* Afanas'yev, A.A. 54006
Vorob'yev, A.N. *see* Afanas'yev, A.A. 78550
Vorobyev, A.Y., Nikitin, D.V., Khachaturova, Y.A. Analysis and control of electrical energy storage operation in electrical power systems 53689
Voronichev, P.P., Rozenblat, M.A. High-frequency magnetic amplifiers and current limiters, stabilizers, and switches using amorphous magnetic alloys 72199
Voronin, E.N. A medical radiotomograph 59283
Voronin, Yu.M., Pavlov, N.I. Probability of recognizing objects on the monitor screen of an optoelectronic observation system 87275
Voronko, A.I. *see* Boardman, A.D. 50938
Voronkov, S.N. *see* Loza, O.T. 81143
Voronkov, V.P. *see* Maksimova, N.K. 93071
Voronkov, V.V., Zhukova, L.A., Mil'vidskii, M.G., Simonova, T.V. Stability of a regular stepped surface in chemical vapor deposition of silicon: influence of vapor composition 54820
Voronkov, V.V., Zhukova, L.A., Simonova, T.V., Mil'vidskii, M.G., Nalivaiko, I.I., Anokhina, E.N. Stability of a regular stepped structure on vicinal GaAs surface during the OMC-hydride epitaxial growth 61316
Voronov, A.M., Khodakovskii, A.M., Goryachev, V.L. Radiative cooling of a plasma with a high-current pulsed discharge 55503
Voronov, V.N., Nazarenko, P.N., Nikitina, I.S., Titarenko, A.P., Shmelev, A.G. Experience in developing water-chemistry monitoring systems for thermal and nuclear power stations 99836
Voronov, V.N., Nazarenko, P.N., Shmelev, A.G., Titarenko, A.P., Shchedrin, M.G., Sotnikov, A.F., Luchkin, V.G. The water-chemistry parameters of PGV-1000 steam generators 99843
Voros, J. Top-down generation of quadtree representation using color-change-code 64704
Voroshilov, A.N. *see* Anashin, V.V. 76538
Voroshilov, A.N. *see* Belomestnykh, S.A. 87819
Voroshilov, S.A. *see* Kisin, V.V. 70130
Vorotilov, K.A. *see* Maleto, M.I. 79885
Vorotilov, K.A. *see* Orlova, E.V. 56153
Vorotnev, P.A., Zhiglinskii, A.G., Izmailov, A.M. Features of mode competition of the line and continuous spectra in a polychromatic dye laser 63683
Vorotnev, P.A. *see* Zhiglinsky, A.G. 56646
Vorozov, N.N. *see* Bondarenko, V.P. 69982
Vorsheim, G.A., Jr. *see* Doin, D.M. 60872
Vorst, A.Vander *see* Vander Vorst, A.
Vorst, C.P.J.M.van der *see* van der Vorst, C.P.J.M.
Vorst, N.A.van der *see* van der Vorst, N.A.
Voruganti, R.R. A global network management framework for the '90s 74990
Vorwalder, G. *see* Albert, R. 86754
Vorwalter, K. *see* Bruckner, W. 88025
Vorzobova, N.D., Ryabova, R.V. On some problems of the registration of the colored holograms with the pulsed lasers 73145
Vos, F. *see* Decreton, M. 72533
Vos, L. *see* Burns, A. 76487
Vos, M., Ashton, G., Van Bogart, J., Ensminger, R. Heat and moisture diffusion in magnetic tape packs 72151
Vos, M.J., Brott, R.L., Zhu, J.-G., Carlson, L.W. Computed hysteresis behavior and interaction effects in spheroidal particle assemblies 50286
Voshchenkov, A.M. *see* Lee, K.F. 62856
Voshchenkov, A.M. *see* Liu, T.M. 61659
Voshchenkov, A.M. *see* Liu, T.M. 82092
Voskamp, J.H. *see* Herweijer, J.A. 58656
Voskoboinikov, Yu.E. Nonlinear regularizing algorithm for pulse signal reconstruction 52784
Voskresenskyi, D.I. *see* Bratchikov, A.N. 94514
Voss, A. *see* Giesen, A. 56668
Voss, B. *see* Beier, J. 100478
Voss, C. *see* Stichtenoth, H. 73712
Voss, D. *see* Liu, J. 66926
Voss, E., Weitkamp, C., Michaelis, W. Lead-vapor filters for high-spectral-resolution temperature lidar 59549
Voss, E. *see* Luckow, F. 73188
Voss, F. *see* Daring, H. 75453
Voss, F. *see* Ringling, J. 94364
Voss, H.H. *see* Wilkinson, D.P. 60447
Voss, J. *see* Navratil, K. 59837
Voss, K. *see* Suesse, H. 85170
Voss, K.F. *see* Guan-Jye Chen 88299
Voss, M. *see* Rothermel, H. 66014
Voss, W. *see* Bartelink, M. 89688
Vosshenrich, R. *see* Doler, W. 59282
Vossnack, O. *see* Kurata, M. 98524
Vostokov, V.S. *see* Mitenkov, F.M. 68372
Vosylius, J. *see* Galdikas, A. 81537
Vosylius, J. *see* Galdikas, A. 93235
Votaw, A.J. *see* Kahana, E. 98459
Votaw, A.J. *see* Lenkszus, F.R. 76840
Votaw, K. *see* Lumpkin, A.N. 76436
Vote, E.C. *see* Kenny, T.W. 87077
Votlucka, J. *see* Blecha, J. 89142
Votockova, I. *see* Spurny, F. 77097
Votockova, I. *see* Spurny, F. 88159
Votockova, I. *see* Spurny, F. 88575
Votta, M. *see* Piovano, B. 80150
Vottier, S. *see* Lecordier, B. 76268
Vouillot, J.M. *see* Burtin, G. 76611
Vouk, M.A. Engineering of telecommunications software 58019
Vounckx, R. *see* Fobelets, K. 55866
Vounckx, R. *see* Fobelets, K. 97980
Vounckx, R. *see* Heremans, P. 73025
Vounckx, R. *see* Kuijk, M. 50678
Vourch, E., Drissi, M., Citerne, J., Hanna, V.F. A full-wave analysis of coplanar waveguide-slotline transition 94919
Vourdas, A. Mesoscopic Josephson junctions in the presence of nonclassical electromagnetic fields 63303
Vourdas, A. *see* Petouris, A. 48592
Vourdas, A. *see* Smith, R. 82532
Vournas, C.D., Maratos, N., Papadias, B.C. Power system stabiliser co-ordination using a parameter optimisation method 59756
Vournas, C.D. *see* Fameliaris, A.K. 53926
Vovk, V.I. *see* Potabenko, V.S. 58035
Vowden, K.R. *see* Ibbett, D.A. 76974
Vowden, P. *see* Ibbett, D.A. 76974
Voy, D. *see* McInturff, A.D. 87671
Voye, T. *see* Barthel, K.U. 73603
Voyvodic, L. Leading particles, beam and target fragmentation 76816
Voz, J.-L. *see* Verleysen, M. 61836
Vozdvizhenskii, V.A. *see* Alferov, D.F. 60380
Voznesenski, V.A., Svechnikov, G.S. Surface doped sillenite crystals for integrated optics 72282
Vrana, M. *see* Somora, M. 93920
Vrba, J. *see* Fife, A.A. 93943
Vrba, J. *see* McKay, J. 88468
Vrckovnik, G., Chung, T., Carter, C.R. Classification of impulse radar waveforms using neural networks 86535
Vre, R.De *see* De Vre, R.
Vredenberg, A.M. *see* Gossmann, H.-J. 81422
Vreede, A.I.de *see* de Vreede, A.I.
Vreede, J.P.M.De *see* De Vreede, J.P.M.
Vreede, L.C.N.de *see* de Vreede, L.C.N.
Vreeland, T. *see* Lie, D.Y.C. 49793
Vretenar, M. *see* Andreev, V.A. 76416
Vrettos, A., Barton, M.H. Analysis and simulation of a mobile telecommunications system using overlaying macrocells 86090
Vrey, D. *see* Hancke, G. 99587
Vrhel, M.J., Trussell, H.J. Filter considerations in color correction 51618
Vrhel, M.J., Trussell, H.J. Color filter selection for color correction in the presence of noise 85014
Vriendt, J.De *see* De Vriendt, J.
Vries, B.de *see* de Vries, B.
Vries, H.de *see* de Vries, H.
Vries, M.De *see* De Vries, M.
Vries, M.J.de *see* de Vries, M.J.
Vries, P.de *see* de Vries, P.
Vries, P.M.J.M.de *see* de Vries, P.M.J.M.
Vries, R.de *see* de Vries, R.
Vrignaud, G., Pyle, K. Fiber in the loop migration from plain old telephone service to video and broadband interactive services 86394
Vrijling, J.K. The probabilistic design of the storm surge barrier Eastern Scheldt and the consequent developments 79261
Vrijmoeth, J. *see* Zagwijn, P.M. 98597
Vrijssen, G.A.H.M. *see* Cornelissen, H.J. 83413
Vrnata, M. *see* Machac, P. 71195
Vroman, N.B. *see* Sarma, L. 67630
Vrtacnik, P., Suhel, P. Bioimpedance measurements in the lower urinary tract—electrical properties of the electrode-electrolyte interface 88502
Vrtacnik, P., Trlep, M., Suhel, P. Bioimpedance measurements in the lower urinary tract—volume conduction 88503
Vrt'o, I. *see* Sykora, O. 80020
Vrublevski, A.R. *see* Fominski, V.Yu. 70163
Vrudhula, S.B.K. *see* Ho, K.C. 80274
Vrudhula, S.B.K. *see* Lai, Y.-T. 79634
Vrudhula, S.B.K. *see* Majumdar, A. 80294
Vsevolodov, N.N. *see* Korchemskaya, E.Y. 64013
Vtorov, M.F. *see* Lititskii, V.A. 99030
Vtorova, N.E. *see* Aleksandrov, B.P. 63651
Vu, H. *see* Quoc, T.T. 89067
Vu, H. *see* Quoc, T.T. 89068
Vu, H. *see* Tuan, T.Q. 59776
Vu, K.V. *see* Doeringer, W.A. 65362
Vu, Q.T. *see* Gardner, D.S. 90982
Vu Dinh, T., Cabon, B., Chilo, J. SPICE simulation of lossy and coupled interconnection lines 80028
Vu-Quoc, L., Srinivas, V. A new methodology to obtain accurate models for ferroelectrics with application to $BaTiO_3$ 50128
Vucetic, B.S. *see* Rapajic, P.B. 65558
Vucetic, D. *see* Vlahinic, I. 99961
Vuchkov, N.K., Astadjov, D.N., Sabotinov, N.V. Influence of the excitation circuits on the CuBr laser performance 63647
Vuchkov, N.K. *see* Astadjov, D.N. 72693
Vuchkov, N.K. *see* Sabotinov, N.V. 82909
Vucht, R.van *see* van Vucht, R.
Vucina, D. Flow formulation viscoplastic FE analysis with boundary friction 100968
Vucinic, M. *see* Vukelja, P. 68018
Vucinic, M. *see* Vukelja, P. 68542
Vuckovic, I. *see* Hrabar, S. 97844
Vuckovic, V. *see* Katic, V. 90513
Vugts, M.J.M. *see* Joosten, G.J.P. 55773
Vuillemin, J.E. On circuits and numbers 70400
Vuillemin, J.E. Fast linear Hough transform 85076
Vuillemin, V. *see* Gingrich, D. 53291
Vuilleumier, J.-C. *see* Jorgens, V. 59161
Vuilleumier, J.-L. *see* Jorgens, V. 59161
Vuilleumier, P. *see* Harboe-Sorensen, R. 70467
Vuilleumier, R. *see* Jaecklin, V.P. 56404
Vuilleumier, R. *see* Jaecklin, V.P. 56433
Vuilleumier, R. *see* Jaecklin, V.P. 63532
Vujanic, A. *see* Djuric, Z. 52853
Vujevic, D. Low frequency magnetic fields in the vicinity of measurement equipment 67637
Vujevic, D. Insecurity statements in measuring 75824
Vujevic, D. Uncertainty [measurement] 86813
Vujevic, D. Measurement and uncertainty 97747

Vukelic, I., Urh, Z. Personal mobile satellite communications—INMARSAT-P 97139
Vukelja, P., Naumov, R., Vucinic, M., Budisin, P. Ferroresonance in the neutral isolated networks 68018
Vukelja, P., Naumov, R., Vucinic, M., Budisin, P. Switching overvoltages on the insulation of high-voltage motors 68542
Vukic, D. *see* Stojanovic, D. 77825
Vukicevic, D. *see* Bjelkhagen, H.I. 56954
Vukonich, W. *see* Southey, R.D. 68265
Vuksan, V. Audio transducers with piezopolymer membranes 99352
Vuksic, A., Fuchs, K. A new BIST approach for delay fault testing 49221
Vukusic, J.I. *see* Rehman, S.S. 50837
Vulcan, W. *see* Yan, C. 73240
Vullierme, B. *see* Benda, V. 94030
Vullierme, B. *see* Rossi, L. 94021
Vullo, T., Cahill, P.T., Pascone, R. A rectangular birdcage coil for MRI of the hand 59376
Vullo, T., Pascone, R., Mancuso, R., Zipagan, R., Cahill, P.T. Transmission line analysis of noncylindrical birdcage resonators 88364
Vuong, D.Q. *see* Kazimierczuk, M.K. 59512
Vuong, H.-H. *see* Rafferty, C.S. 93397
Vuong, H.H. *see* Ebert, C.W. 61238
Vuono, W.R., Pruitt, T.C. The impact of lead density on cleaning of fine pitch surface mount technology 92723
Vuori, I. *see* Sievanen, H. 76996
Vuorinen, A. Safety principles for nuclear power plants 78337
Vuppala, V. *see* Weinstein, S.J. 52922
Vural, K. *see* Bailey, R.B. 66491
Vural, K. *see* Cooper, D.E. 58853
Vural, K. *see* Kozlowski, L.J. 52954
Vural, K. *see* Kozlowski, L.J. 58852
Vural, K. *see* Kozlowski, L.J. 58855
Vural, K. *see* Kozlowski, L.J. 66492
Vurgaftman, I., Singh, J. Carrier relaxation in quantum wires: consequences for quantum wire laser performance 63854
Vurgaftman, I., Singh, J. Monte Carlo study of electron relaxation in quantum-wire laser structures 83115
Vurgaftman, I., Singh, J. Dynamic instabilities in the power spectrum of deeply modulated semiconductor lasers 83153
Vurpillot, S. *see* Inaudi, D. 87267
Vutz, P. *see* Suni, P. 66476
Vvdenskaya, N.D. *see* Linnartz, J.P.M.G. 85269
Vyas, P.D. *see* Thakur, D.K. 63031
Vyas, R., Arkadan, A.A. Effect of toothless stator design on the dynamic performance characteristics of high speed permanent magnet generator-load systems 78541
Vyatkin, A.F. *see* Buravlyov, A.V. 54874
Vyatkin, A.F. *see* Kuznetsov, A.Yu. 49862
Vyatkin, A.F. *see* Kuznetsov, A.Yu. 79824
Vyatkin, A.P. *see* Maksimova, N.K. 93071
Vyavahare, P.D. *see* Khalid, M. 74998
Vyazankina, L.A. *see* Akimov, A.I. 63680
Vyazigin, A.S., Skobelev, S.P. Generation of sectoral partial directivity diagrams in an antenna array of coupled two-mode waveguides 83868
Vychuzhanin, A.A. *see* Petrov, L.P. 69082
Vyden, B., Hackworth, J., Silver, G., Cook, S. An efficient DSP approach to meteor burst communications 97221
Vydyanath, H.R. *see* Hahn, S.R. 71110
Vygon, V.G., Malikov, S.N., Sevost'yanov, K.K. Determining the angular coordinates of high-orbit satellites by television astrometry 52735
Vyhnalek, P. *see* Neubert, G. 96430
Vykhodets, V.B. *see* Arbuzov, V.L. 70132
Vylegzhanin, D.N. *see* Vlasov, G.K. 72969
Vylet, V. *see* Ruth, R.D. 66791
Vylet, V. *see* Winick, H. 63870
Vylet, V. *see* Winick, H. 83178
Vylov, T. *see* Perelstein, E. 76542
Vypanasenko, S.I. Self-excited inverters with aligned functions of power elements 80123
Vysloukh, V.A. *see* Marti-Panameno, E. 63697
Vysotina, N.V., Kuprenyuk, V.I., Ladygin, I.N., Lazunin, K.G., Sergeev, V.V., Smirnov, V.A., Yur'ev, M.S. Phase conjugation of millisecond radiation pulses from a pulse-periodic CO_2 laser 83246
Vysotskii, V.G. Improvement of the reliability of water-flow measurements in the primary and secondary coolant circuits of a VVER-1000 reactor 99902
Vysotsky, V.S., Tsikhon, V.N. Normal zone origination and propagation in superconducting wire with fast changing current 89299
Vysotsky, V.S., Tsikhon, V.N., Ilyin, Yu.A. Normal zone propagation velocity in high current NbTi/CuNi superconductor with fast changing current 93909
Vyukhin, V.N. Study and development of instrumentation for statistical processing of broadband signals 58650
Vyukov, L.A. *see* Fominski, V.Yu. 71369
Vyun, V.A. Sensing and measurement with self-sustained acoustoelectric and photoelectric oscillations in structures with relaxation 97941
Vyvenko, O. *see* Zozime, A. 81183
Wa, P.Li Kam *see* Li Kam Wa, P.
Wa, P.L.K. *see* Wang, H.S. 82976
Wa Wong Yin *see* Yin Wa Wong
Waag, A., Bacher, G., Jakobs, A., Forchel, A., Landwehr, G. Stimulated emission from a (CdMg)Te separate confinement quantum well laser 63799
Waag, A., Fischer, F., Litz, T., Kuhn-Heinrich, B., Zehnder, U., Ossau, W., Spahn, W., Heinke, H., Landwehr, G. Wide gap $Cd_{1-x}Mg_xTe$: molecular beam epitaxial growth and characterization 69995
Waag, A., Litz, T., Fischer, F., Heinke, H., Scholl, S., Hommel, D., Landwehr, G., Bilger, G. Halogen doping of II-VI semiconductors during molecular beam epitaxy 71284
Waag, A. *see* Bacher, G. 63559
Waag, A. *see* Illing, M. 63558
Waag, A. *see* Ruppert, P. 61288
Waag, R.C. *see* Dong-Lai Liu 88389
Waal, W.R.M.de *see* de Waal, W.R.M.
Waard, J.de *see* de Waard, J.
Waard, P.J.de *see* de Waard, P.J.
Waardt, H.de *see* de Waardt, H.
Waarts, O. *see* Moses, Y. 65058
Waarts, R.G. *see* Ehlert, J.C. 83203
Waas, T. *see* Eisenmann, H. 81715
Wabnitz, S. *see* Ferro, P. 56350
Wabnitz, S. *see* Ferro, P. 82589
Wabnitz, S. *see* Romagnoli, M. 56345
Wabuka, H. *see* Shimohara, K. 61759
Wac-Wlodarczyk, A. A magnetic frequency nontupler supplied with increased frequency 64117
Wacey, G. *see* Bull, D.R. 74505
Wacey, G. *see* Bull, D.R. 92381
Wachendorf, H.G. Electricity production from coal in Germany 68434
Wachi, Y., Hanawa, S., Ono, M., Shimada, M., Hamajima, T., Takano, H., Shinohara, H., Takahata, K., Yamamoto, J., Motojima, O. Stability characteristics of a cable-in-conduit conductor by subcooled supercritical helium 82435
Wachi, Y. *see* Inoue, K. 82501
Wachi, Y. *see* Inoue, K. 94026
Wachnik, R.A. *see* Rathore, H.S. 62545
Wachowski, M. *see* Pobozan, P. 85725
Wachs, M.L. σ-restricted growth functions and p, q-Stirling numbers 91297
Wachsmann, U. *see* Huber, J. 51287
Wachsmuth, H. Neutrino beams and experiments 76808
Wachtel, H., Barnes, F.S., Ravenel, R. A new degree program for students seeking a broader education in addition to engineering training 60780
Wachter, A., Klingert, R. Spectrum efficiency improvement of cellular networks with power control for indoor/outdoor applications 52392
Wachter, F. *see* Zipser, L. 66567
Wachter, F. *see* Zisper, L. 58895
Wachter, G. *see* Helmke, B. 52321
Wachter, J. *see* Stretton, M. 99409
Wachter, R.M. *see* Valacich, J.S. 52044
Wachtman, J.B., Jr. *see* Lai, C. 61366
Wachutka, G. Problem-oriented modeling of microtransducers: state of the art and future challenges 58722
Wachutka, G. *see* Riccobene, C. 66305
Wachutka, G. *see* Riccobene, C. 75930
Wachutka, G. *see* Riccobene, C. 87063
Wack, O.K. *see* Lessmann, K. 81016
Wacker, A., Scholl, E. Spiking at vertical electrical transport in a heterostructure device 62676
Wacker, A. *see* Kastrup, J. 81332
Wacker, G., Tollefson, G. Consulting end-users on infrastructure worth 59857
Wacker, G. *see* Billinton, R. 89106
Wacker, G. *see* Tollefson, G. 59781
Wacker, J. Limitations for CATV distribution by analog optical frequency modulation 86756
Wacker, J. *see* Schellin, R. 58723
Wacker, T. *see* Frankowsky, G. 54925
Wackerman, C. Estimation of synthetic aperture radar modulation transfer function parameters with spotlight mode data 99244
Wackerman, C. *see* Shuchman, R. 77349
Wackerman, C.C. *see* Shuchman, R.A. 77432
Wacks, K.P. The impact of home automation on power electronics 52301
Wacogne, B., Goedgebuer, J.-P., Porte, H. Single lithium niobate crystal for mode selection and phase modulation in a tunable extended-cavity laser diode 83212
Wacrenier, J.M. *see* Belbounaguia, N. 58943
Wactor, M.W. *see* Bridger, B., Jr. 90293
Wada, H., Kamijoh, T. Effects of heat treatment on bonding properties in InP-to-Si direct wafer bonding 93042
Wada, H. *see* Hasegawa, K. 80395
Wada, H. *see* Inoue, K. 82501
Wada, H. *see* Katoh, Y. 72924
Wada, H. *see* Nishitani, M. 100455
Wada, H. *see* Terauchi, M. 91565
Wada, K., Cho, Y. Improved expression for the time-bandwidth product of picosecond optical pulses from gain-switched semiconductor lasers 94532
Wada, K., Kitamura, M., Akage, Y., Cho, Y. Intensity and phase correlation method for determining the linewidth enhancement factor of semiconductor lasers 72885
Wada, K., Umeda, T., Cho, Y. Linewidth enhancement factor dependence of the instability in semiconductor lasers with delayed feedback and its influence on the analyses 63760
Wada, K. *see* Mori, T. 92207
Wada, K. *see* Uchida, M. 89581
Wada, M., Hamabe, M., Tsuji, K., Tsuda, H., Miyamoto, N., Ohtani, Y. Microwave ion source with linear antennae 53232
Wada, M., Hamabe, M., Tsuji, K., Tsuda, H., Miyamoto, N., Ohtani, Y. Microwave ion source with linear antennae 59055
Wada, M., Miyazaki, Y. Amplification characteristics of waveguide type optical amplifier using Nd doped garnet thin film 83022
Wada, M., Tsuda, H., Sasao, M., Kawano, H. Production of negative lithium ions from powdery LiH by ion stimulated desorption 53204
Wada, M., Tsuda, H., Sasao, M., Kawano, H. Production of negative lithium ions from powdery LiH by ion stimulated desorption 67267
Wada, M. *see* Fukui, A. 96748
Wada, M. *see* Hatanaka, M. 67822
Wada, M. *see* Kawano, H. 53203
Wada, M. *see* Ohishi, Y. 63699
Wada, M. *see* Takasaki, I. 92867
Wada, M. *see* Takishima, Y. 51356
Wada, M. *see* Uchida, H.H. 91573
Wada, N., Sakai, S., Yoshimi, S., Shintani, Y., Fukui, M. GaAs/AlGaAs light emitters fabricated on undercut GaAs on Si 56566
Wada, S. *see* Miyazaki, H. 50659
Wada, S. *see* Sakai, K. 64841
Wada, T., Hagiwara, N. Generation mechanism of the singular transient response waveform of a ceramic transformer 78680
Wada, T., Matsuoka, Y., Sekiya, M., Sasaki, K., Sasabe, H. Refractive index change of vanadyl phthalacyanine thin film in guided wave geometry 72390
Wada, T., Nakano, S. Defect detection of passivation layer by a bias-free Cu decoration method 62458
Wada, T., Negami, T., Nishitani, M. Preparation of chalcopyrite-type semiconductor films by sulfuration of oxide films 62193
Wada, T., Negami, T., Nishitani, M. Growth defects in $CuInSe_2$ thin films 79958
Wada, T., Seki, M., Matsuyama, T. High precision γ-ω Hough transformation algorithm to detect arbitrary digital lines 51611
Wada, T. *see* Fiegna, C. 62791
Wada, T. *see* Fiegna, C. 71693
Wada, T. *see* Inoue, Y. 92232
Wada, T. *see* Kaneko, A. 72402
Wada, T. *see* Kaneko, A. 73123
Wada, T. *see* Katsuse, H. 76116
Wada, T. *see* Kitazawa, M. 56871
Wada, T. *see* Koden, M. 50591
Wada, T. *see* Koden, M. 56457
Wada, T. *see* Koden, M. 72460
Wada, T. *see* Kohiki, S. 55572
Wada, T. *see* Negami, T. 91561
Wada, T. *see* Negami, T. 100457
Wada, T. *see* Nishitani, M. 100455
Wada, T. *see* Nishitani, M. 100463
Wada, T. *see* Osawa, M. 80201
Wada, T. *see* Takahashi, J. 70540
Wada, T. *see* Terauchi, M. 91565
Wada, T. *see* Tsuboi, Y. 49966
Wada, T. *see* Usami, A. 71237
Wada, T. *see* Yamashita, M. 72100
Wada, Y., Hamano, S., Mori, T. Self-rehealing characteristics of a sodium current limiter and its overcurrent coordination for low voltage distribution systems 89227
Wada, Y., Kobayashi, T., Kure, T., Yoshimura, T., Sudou, Y., Gotou, Y., Kondo, S. Nucleation and crystallization characteristics of phosphorus-doped amorphous silicon "slit nano wire" 55573
Wada, Y. *see* Enokizono, M. 90656
Wada, Y. *see* Kobayashi, T. 54941
Wada, Y. *see* Shigeno, K. 63572
Wadaka, S. *see* Nagatsuka, T. 93812
Wadas, A. *see* Rice, P. 76163
Wadatsumi, K. *see* Raghavan, V. 77248
Wadayama, T., Shibata, H., Ohtani, T., Hatta, A. Deposition process of W onto a-Si:H observed in-situ with polarization modulation IR and quadrupole mass spectroscopies 49922
Wadayama, T., Shibata, H., Ohtani, T., Hatta, A. Real-time IR and mass spectroscopic study of the reaction process of WF_6 and a-Si:H:F 93254
Wadayama, T., Wakasugi, K., Kasahara, M. An 8-dimensional trellis-coded 8-PSK with non-zero crossing constraint 95135
Wadayama, U. *see* Isono, T. 82466
Wadayama, Y. *see* Nakajima, H. 72261
Wadayama, Y. *see* Nishi, M. 93992
Wadayama, Y. *see* Takahashi, Y. 72219
Waddell, E.M. *see* Gibson, D.R. 50663
Waddick, R.K. *see* Zakis, E. 89070
Waddington, J. Kalman filter applications for coal-fired generating unit control 60080
Wade, A.E. Distributed client/server objectbases 96761
Wade, C. *see* Measures, R.M. 52888

Wade, C.A. *see* Faulkner, D.W. 52532
Wade, G., Roberts, A. Ordering of cascade FIR filter structures 80432
Wade, G., Roberts, A., Williams, G. Multiplier-less FIR filter design using a genetic algorithm 61811
Wade, G. *see* Bhatoolaul, D. 52456
Wade, J.C. *see* Gilmore, R.S. 79999
Wade, J.G. *see* Darragh, N.R. 50307
Wade, J.G. *see* Vogel, C.R. 54738
Wade, R. *see* Parker, M. 65240
Wade, R.L. No clean soldering of electronic assemblies 92729
Wade, S., Dunnigan, M.W., Williams, B.W. Parameter identification for vector controlled induction machines 60210
Wade, T. *see* Goulding, R.H. 51271
Wade, T. *see* Ryan, P.M. 51272
Wadehra, I. *see* Kirby, J.R. 54454
Wadehra, I.L. *see* Brinkley, A. 79364
Wadewitz, S. *see* Waldfried, C. 66667
Wadey, T.C. The detection of low probability of intercept communications 96999
Wadhams, K.R. *see* Di Mauro, E.C. 58980
Wadle, S., Lakes, R.S. Holographic diffusers: polarization effects 56930
Wadlinger, E.A. *see* Johnson, K.F. 76427
Wadsworth, M.V., Borrello, S., Dodge, J., Gooch, R., McCardel, W., Nado, G., Shilhanek, M. Monolithic CCD time-delay-and-integrate arrays in HgCdTe 98088
Waeber, W.B., Shi, M., Taqqu, D., Zimmermann, U., Gerola, D., Hegedus, F., Roellig, L.O. Development of a high intensity low energy positron beam 87938
Waeber, W.B. *see* Shi, M. 87665
Waeckerle, T., Mekhiche, M., Brun, C. Improvement of magnetic permeability in pure iron sheets 63142
Waeckerle, T. *see* Mekhiche, M. 63136
Waeckerle, T. *see* Pera, T. 63134
Waer, P. *see* Pantazis, J. 88314
Waer, P. *see* Pantazis, J. 98600
Waganer, L.M. Innovation leads the way to attractive inertial fusion energy reactors—Prometheus-L and Prometheus-H 89425
Wagatsuma, Y. *see* Yamanouchi, K. 63118
Wagatsuma, Y. *see* Yamanouchi, K. 71901
Wagatsuma, Y. *see* Yamanouchi, K. 93836
Wagatsuma, Y. *see* Yamanouchi, K. 93840
Wagdy, M.F., Goff, M. Linearizing average transfer characteristics of ideal ADC's via analog and digital dither 75890
Wagemann, H.G. *see* Bruns, J. 60458
Wagemans, A.G. *see* Smulders, P.F.M. 95009
Wagener, H. *see* Hromkovic, J. 57928
Wagener, J.L., Digonnet, M.J.F., Wysocki, P.F., Shaw, H.J. Effect of composition on clustering in Er-doped fiber lasers 56717
Wagener, J.L., Wysocki, P.F., Digonnet, M.J.F., Shaw, H.J. Effects of Er^{3+} pairs on the gain and noise figure of EDFAs 56723
Wagener, M. *see* Burger, J. 98570
Wagener, M. *see* Pitzl, D. 88027
Wagener, T.J. *see* Mocker, H.W. 94696
Wager, D. *see* Fife, A.A. 93943
Wager, J.F. *see* Lim, S. 61381
Wager, J.F. *see* Pham, L.V. 87384
Wager, J.F. *see* Ryu, J.H. 72618
Waggett, P. *see* Hutchins, M.S. 77229
Waggoner, R. Electrical noise and EMI—part 2 67740
Waggoner, R. Harmonic interaction and varying impedances 77821
Waggoner, R. Beware of single-phase harmonic interaction. II 90129
Waggoner, R. Beware of single-phase harmonic interactions—III 99461
Waggoner, R. Dirty power and sensitive equipment damage 99670
Wagner, B. Rail traffic safely in hand: a modern remote alarm system equips the Swiss Federal Railways against emergencies 78928
Wagner, B., Fuhr, G., Muller, T., Schnelle, T., Benecke, W. Fluid-filled dielectric induction micromotor with Al-SiO_2 rotor 60268
Wagner, B. *see* Fuhr, G. 57065
Wagner, B. *see* Hagedorn, R. 100181
Wagner, B. *see* Hartiti, B. 100642
Wagner, B. *see* Schindler, R. 100630
Wagner, B.F., Schetter, C., Sulima, O.V., Bett, A. 15.9% efficiency for Si thin film concentrator solar cell grown by LPE 100485
Wagner, B.K. *see* Summers, C.J. 61254
Wagner, C., Soonpaa, H.H. A simple picoammeter for thermionic emission measurements 48590
Wagner, C. *see* Frison, P. 80356
Wagner, D., Chollet, G., Gibard, P., Taton, M., Gonnard, H., Jullien, A. Application of surface mount devices to railway technology 90591
Wagner, D., Frankenberger, J., Deimel, P.P. Optical pressure sensor using two Mach-Zehnder interferometers for the TE and TM polarization 52808
Wagner, D. *see* Anderson, B.E. 88246
Wagner, D. *see* Sarrafzadeh, M. 49098
Wagner, E. *see* Hinkov, I. 94221
Wagner, F. *see* Aurenhammer, F. 79566
Wagner, F. *see* Sarrafzadeh, M. 49098
Wagner, G., Steiner, B. Silicon layers grown by liquid phase epitaxy on polycrystalline silicon substrates 79802
Wagner, G. *see* Becher, S. 70059
Wagner, G. *see* Becher, S. 91506
Wagner, G. *see* Horak, W. 82606
Wagner, H., Frohlich, K., Grill, R. Late restrike behaviour of vacuum interrupter gaps after short circuit current interruption 90256
Wagner, H. *see* Kolter, M. 100699
Wagner, H. *see* Peters, D. 65830
Wagner, H. *see* Ulrichs, C. 100691
Wagner, H.-J., Hartig, W., Buttgenbach, S. Design and fabrication of resonating AT-quartz diaphragms as pressure transducers 66182
Wagner, H.-J. *see* Fabula, T. 66179
Wagner, H.P. *see* Wolf, K. 69999
Wagner, I. Networking actors and organisations 58105
Wagner, I. Tightly knitted connections: the politics of networking 85654
Wagner, J. Draft CBEMA information letter: guidelines for grounding information technology equipment (ITE) 68287
Wagner, J. *see* Ruiz, A. 54875
Wagner, J.R. Failure mode testing tool set for automotive electronic controllers 54236
Wagner, J.W. *see* Deaton, J.B., Jr. 49031
Wagner, J.W. *see* Deaton, J.B., Jr. 70205
Wagner, K. *see* Sarto, A.W. 51267
Wagner, K.C., Reindl, L., Manner, O. Surface wave to bulk wave conversion in SAW reflectors on strong coupling substrates 92347
Wagner, K.C. *see* Manner, O. 99324
Wagner, L.S., Goldstein, J.A., Rupar, M.A., Kennedy, E.J. Measurements of delay and Doppler spread on a 1300 km HF transauroral channel: solar maximum 83674
Wagner, L.S. *see* Bernhardt, P.A. 51114
Wagner, M., Geiler, H.-D., Kowalski, P. Nondestructive measuring and testing with optically excited thermal waves 49024
Wagner, M. *see* Xiaoyuan Zhu 95346
Wagner, P. *see* Schmitt, M. 63321
Wagner, P.M. *see* Steinhilber, R. 97876
Wagner, R. *see* Lottgen, J. 88417
Wagner, R.E. *see* Ali, M.A. 82991
Wagner, R.E. *see* Ali, M.A. 86480
Wagner, R.J. *see* Jorgenson, J.A. 48705
Wagner, R.L., Weng Cho Chew A ray propagation fast multipole algorithm 73251
Wagner, R.S., Joseph, J.R., Hilko, R.A., Harper, R.W., Tinsley, J.R. The temporal response and relative proton-to-gamma ratio of radiation detectors made from natural diamond 59107
Wagner, S., Vasanth, K., Nakata, M., Yang, J., Guha, S. Measuring and modelling of a-Si,Ge:H solar cells 100589
Wagner, S. *see* Nakata, M. 91576
Wagner, S. *see* Shen, D.S. 62202
Wagner, S.S. *see* Chapuran, T.E. 75423
Wagner, T. *see* Kosa, T.I. 72279
Wagner, Th. *see* Gotz, M. 63322
Wagner, U. *see* Remme, R. 80302
Wagner, V., Drews, D., Esser, N., Zahn, D.R.T., Geurts, J., Richter, W. Raman monitoring of semiconductor growth 61278
Wagner, W., Rauch, F., Jeschkowski, U., Bange, K. Ion-beam analysis investigations on multilayer devices for visible optics 94044
Wagner, W. *see* Fomichev, A.S. 53328
Wagner, W. *see* Tenenbaum, P. 76679
Wagneur, E. *see* Lejmi, S. 92047
Wagniere, J.-D. *see* Picasso, M. 50989
Wagoner, G.A. *see* Jin, Y. 71209
Wagt, J.P.A.van der *see* van der Wagt, J.P.A.
Waguri, S., Endoh, K., Uchino, Y., Nadaya, N., Yamada, S., Watanabe, M., Satoh, T., Hatanaka, T., Furutoh, K., Tamamura, K., Sugiyama, M. NEFAX880/D880 plain-paper facsimile with flat-bed scanner 58095
Wah, B.W. *see* Aizawa, A.N. 48818
Wah Chan Choong *see* Chan Choong Wah
Wah Ng Tuck *see* Tuck Wah Ng
Wah Ngiam Kia *see* Kia Wah Ngiam
Wah Wong Ping *see* Ping Wah Wong
Wah Wu Chai *see* Chai Wah Wu
Wah-Keat Lee, Mills, D.M. High heat load X-ray optics research and development at the Advanced Photon Source—an overview 87759
Wahaab, S.M.Abd El *see* Abd El Wahaab, S.M.
Wahab, Q., Sardela, M.R., Jr., Hultman, T., Henry, A., Willander, M., Janzen, E., Sundgren, J.-E. Growth of high-quality 3C-SiC epitaxial films on off-axis Si(001) substrates at 850°C by reactive magnetron sputtering 70031
Wahab, Y. *see* Deraman, K. 71133
Waheed, A. *see* Kadachi, A. 59427
Wahid, P.F., Voor, T. Mutual impedance between skewed patch antennas 73540
Wahid, P.F. *see* Gu, C. 51253
Wahl, D.E., Eichel, P.H., Ghiglia, D.C., Jakowatz, C.V., Jr. Phase gradient autofocus—a robust tool for high resolution SAR phase correction 74300
Wahl, D.E. *see* Jakowatz, C.V., Jr. 75576
Wahl, F.M. *see* Mingyune, D. 74580
Wahl, H. *see* Fanti, V. 76788
Wahl, T., Rothermel, K. Representing time in multimedia systems 58051
Wahl, U. *see* Hofsass, H. 71274
Wahl, V. *see* Buchner, T. 49470
Wahlers, R.L. *see* Dychala, D.H. 92648
Wahlgren, B. *see* Dagys, M. 87460
Wahlgren, B.I. *see* Jansson, M.C.O. 83614
Wahlgren, C.M. *see* Marz, M.B. 89244
Wahlstrom, C.-G. *see* Starczewski, T. 73049
Wahlstrom, C.G. *see* Svanberg, S. 50784
Wahlstrom, T. *see* Lebrun, P. 94023
Waho, T. *see* Koch, S. 80666
Wahrer, R. *see* Wang, S.-T. 82477
Wahrer, R. *see* Wang, S.T. 82325
Wahrer, R. *see* Wang, S.T. 83561
Wahrer, R. *see* Wang, S.T. 88369
Wai, P.K.A., Menyuk, C.R. Polarization decorrelation in optical fibers with randomly varying birefringence 94059
Wai, P.K.A. *see* Chinni, V.R. 50554
Wai, P.K.A. *see* Menyuk, C.R. 72339
Wai, P.K.A. *see* Menyuk, C.R. 72340
Wai, P.K.A. *see* Saxena, S. 82782
Wai, R. *see* KrishnaKumar, K. 77117
Wai Chen *see* Yi-Bing Lin 65206
Wai Ho Mow On the bounds on odd correlation of sequences 73585
Wai Ho Mow Comments on "About the enumeration of best biphase codes" 73676
Wai Ho Mow Maximum likelihood sequence estimation from the lattice viewpoint 95588
Wai Kin Chiu *see* Funk, J. 53463
Wai Ko *see* Harms, P. 94949
Wai Kuen Cham *see* Cham Wai Kuen
Wai Kuen Lai *see* Lai Wai Kuen
Wai Shing Lau *see* Cheng Chiang Phua 54867
Wai Shing Lau *see* Leng Seow Tan 71715
Wai Tung Ng *see* Efland, T. 61660
Wai-Hoi Wong, Uribe, J., Hicks, K., Zambelli, M. A 2-dimensional detector decoding study on BGO arrays with quadrant sharing photomultipliers 88412
Wai-Hoi Wong, Uribe, J., Hicks, K., Zambelli, M. A 2-dimensional detector decoding study on BGO arrays with quadrant sharing photomultipliers 98824
Wai-Kuen Cham *see* Kwok-Tung Lo 85191
Wai-On Law *see* Sungho Kang 92041
Wai-Shing Choi *see* Smits, J.G. 56098
Wai-Shing Choi *see* Smits, J.G. 63099
Wai-Tak Wong *see* Shih, F.Y. 84627
Wai-Yeung Yip *see* Chi-Taou Tsai 91038
Wai-Yip Chan, Gersho, A. Generalized product code vector quantization: a family of efficient techniques for signal compression 51464
Waibel, A. *see* Bregler, C. 73822
Waibel, A. *see* Hild, H. 84023
Waibel, A. *see* Zeppenfeld, T. 84072
Waight, J.G. *see* Irisarri, G.D. 53653
Waight, J.G. *see* Irisarri, G.D. 77838
Waight, M. *see* Scheinberg, N. 61835
Waikar, D.L., Elangovan, S., Liew, A.C. Fault impedance estimation algorithm for digital distance relaying 78231
Waikar, D.L., Liew, A.C., Elangovan, S. Performance comparison of symmetrical component based fault impedance estimation methods for digital distance relay applications 59998
Wailes, T.S., O'Connor, W.D., Mehalic, M.A. Design of a 16-point Winograd fast Fourier transform algorithm integrated circuit system 55179
Wainberg, S. *see* Leung, A.T. 52551
Wainwright, D.S. *see* Wu Li 60423
Wainwright, S.P., Hall, S., Marsh, C.D. Electrical characterization of thin film, thin buried oxide SIMOX SOI substrates produced by low-energy, low-dose implantation 71238
Waisbard, A. *see* Jaeger, A.A. 67370
Waisbard, J. *see* Jaeger, J.J. 67373
Wait, D.F. Relative accuracy of isolated and unisolated noise comparison radiometers 87120
Wait, G.D., Barnes, M.J., Bishop, D., Waters, G. Interleaved wide and narrow pulses for the KAON factory 1 MHz chopper 67165
Wait, G.D., Barnes, M.J., Tran, H.J. Magnetic field in a prototype kicker magnet for the KAON Factory 87777
Wait, G.D. *see* Barnes, M.J. 67184
Wait, G.D. *see* Tran, H.J. 87715
Wait, G.D. *see* Waters, G. 67229
Wait, J.R. On measuring the horizontal electric field just above the Earth's surface 67791
Wait, J.R. Comments on "Propagation of EM pulses excited by electric dipole in a conducting medium" 73214
Wait, J.R. Simple model for current leakage in insulating liner 77575
Wait, J.R. *see* Nabulsi, K.A. 64061
Wait, M.A., Mavoori, J., Singh, R., Harriss, J.E., Poole, K.F., Kolis, J.W., Thakur, R.P.S., Ogale, A.A. Effects of dual spectral sources on the curing of polyimide films by rapid isothermal processing 62379
Waite, A., Evans, A.G.R., Afshar-Hanaii, N. Electrical stressing of submicrometre MOSFETs with raised source/drain structures realised by selective epitaxial growth of silicon using silane only 81879
Waite, M. *see* Fisher, R.B. 84890
Waiter, G. *see* Jun Zhang 74078
Waiter, T. *see* Baier, T. 94257

Waites, H. *see* Jones, L. 82202
Waites, H. *see* Jones, L. 82216
Waites, H.B. *see* Duong, K. 82205
Waitkus, P.E., Gaugler, K.W. Developing the optimum paste formulation to meet SMT & FPT process requirements 81075
Waitkus, P.E., Gaugler, K.W. Developing the optimum paste formulation to meet SMT & FPT process requirements: a design of experiments case study 92732
Waits, R.K. Controlling your vacuum process: Effective use of a QMA 90929
Waizman, A. A delay line loop for frequency synthesis of de-skewed clock 92342
Wajsburt, F. *see* Greiner, A. 49477
Wakabayashi, H., Weeks, W.F., Jeffries, M.O. A C-band backscatter model for lake ice in Alaska 77459
Wakabayashi, H. *see* Horiuchi, T. 71421
Wakabayashi, H. *see* Isono, T. 82466
Wakabayashi, H. *see* Jeffries, M.O. 77470
Wakabayashi, H. *see* Kominami, M. 83592
Wakabayashi, H. *see* Nakajima, H. 72261
Wakabayashi, H. *see* Taga, H. 52554
Wakabayashi, H. *see* Taga, H. 75463
Wakabayashi, H. *see* Taga, H. 86447
Wakabayashi, H. *see* Taga, H. 86448
Wakabayashi, H. *see* Taga, H. 97254
Wakabayashi, H. *see* Takahashi, Y. 72219
Wakabayashi, J. *see* Nagashima, N. 86839
Wakabayashi, K. *see* Inumaru, F. 85461
Wakabayashi, N. *see* Hayashi, Y. 64842
Wakabayashi, O. *see* Kobayashi, Y. 71527
Wakabayashi, R. *see* Kawakami, H. 83869
Wakabayashi, S. *see* Hasegawa, Y. 68897
Wakabayashi, Y. *see* Minami, K. 55784
Wakabayashi, Y. *see* Murakami, K. 55785
Wakabara, A. *see* Lin, X.W. 79843
Wakabara, A. *see* Xue-Lun Wang 93023
Wakahara, T. Shape matching using LAT and its application to handwritten numeral recognition 64781
Wakahara, T. *see* Kinoshita, K. 52154
Wakahara, Y. *see* Fujioka, M. 52248
Wakahara, Y. *see* Yamazaki, K. 51760
Wakai, R.T. *see* Leuthold, A.C. 82389
Wakai, T., Matsumoto, Y., Sakuma, O., Shinjo, K., Motoyama, H. Observation of lightning surge characteristics of Okushishiku test transmission line for lightning stoke 68336
Wakamatsu, H. *see* Sato, K. 50304
Wakamatsu, H. *see* Shinohara, M. 71972
Wakami, N. *see* Araki, S. 51635
Wakamiya, M. *see* Hase, H. 66296
Wakamiya, W. *see* Nakajima, M. 71464
Wakamoto, S. *see* Okuno, A. 54540
Wakana, H. *see* Kimura, S. 86263
Wakana, H. *see* Kimura, S. 97215
Wakana, H. *see* Kozono, S. 88723
Wakana, H. *see* Suzuki, K. 88724
Wakana, H. *see* Suzuki, Y. 86258
Wakana, H. *see* Tanaka, K. 86264
Wakana, H. *see* Yamamoto, S. 97126
Wakana, H. *see* Yoshimura, N. 88722
Wakano, M. *see* Berndt, H. 96450
Wakao, K. *see* Nobuhara, H. 72906
Wakao, K. *see* Yamamoto, T. 94502
Wakao, M. *see* Kinoshito, K. 86130
Wakao, S. *see* Onuki, T. 51006
Wakao, S. *see* Onuki, T. 83426
Wakao, S. *see* Takahagi, T. 81517
Wakao, Y. *see* Kobayashi, I. 79901
Wakashima, K. *see* Nakayama, Z. 65260
Wakasugi, K. *see* Wadayama, T. 95135
Wakatabe, M. *see* Yee, H.P. 91888
Wakatsuki, M., Takano, K.J., Kagi, H., Yuino, T., Kumagai, S. Real-time evaluation of pressure using the pressure effect on EMF of thermocouples 87595
Wakatsuki, N. *see* Ueda, M. 78683
Wakatsuki, R. *see* Nishiguchi, M. 73868
Wakayama, S., Tsukagoshi, K., Oto, K., Takaoka, S., Murase, K., Gamo, K. Angular distribution of emitted electrons from wire by magnetic electron focusing effect and low field magnetoresistance 93049
Wakayama, T., Taga, F., Sato, T., Kimura, I. Radar image reconstruction in an inhomogeneous medium using an arbitrary array 75640
Wakayama, T. *see* Sato, T. 97422
Wakayama, Y. *see* Ikeda, T. 92947
Wake, D. *see* Mirshekar-Syahkal, D. 80754
Wake, D. *see* Sommer, D. 61923
Wake, H. *see* Hayashi, Y. 64842
Wake, M., Delchamps, S.W., DiMarco, J., Hanft, R., Jaffery, T.S., Koska, W., Kuzminski, J., Lamm, M.J., Mazur, P.O., Ogitsu, T., Strait, J., Tompkins, J. Design and fabrication issues affecting the field quality of SSC collider dipole magnets built at Fermilab 87685
Wake, M. *see* Jaffery, T.S. 76656
Wake, M. *see* Jaffery, T.S. 93975
Wake, M. *see* Wanderer, P. 82422
Wake, Y. *see* Harada, R. 85952
Wakefield, G. *see* Lambert, K.P. 88219
Wakefield, G.H., Feng, B.J., Raghavan, K.R., Blommer, M.A. SP Education Laboratory 84538
Wakefield, J. *see* Lee, W.S. 52587
Wakefield, J. *see* Lee, W.S. 65808
Wakejima, A., Inoue, A., Kitada, T., Tomita, N., Shimomura, S., Hiyamizu, S., Fujii, M., Yamamoto, T., Kobayashi, K., Sano, N. Lateral variation of indium content in InGaAs grown on GaAs channeled substrates by molecular beam epitaxy 54847
Wakejima, A. *see* Hiyamizu, S. 55595
Wakeman, F.J. *see* Morris, R.J. 90168
Wakeman, I., Crowcroft, J. A combined admission and congestion control scheme for variable bit rate video 85948
Waker, A.J. *see* Surette, R.A. 88585
Waker, A.J. *see* Surette, R.A. 99022
Waki, H. *see* Kurosaki, M. 95871
Waki, K., Minami, M. A Lossnay heat-exchange element for in-floor installation 79024
Wakid, S. *see* Burr, W.E. 58141
Wakid, S. *see* Xiaomei Qian 58143
Wakim, F.G. *see* Kuo, C.S. 62652
Wakimoto, H. *see* Seshita, T. 96942
Wakimoto, T. *see* Shirota, Y. 82828
Wakino, K., Nishikawa, T., Ishikawa, Y. Miniaturization technologies of dielectric resonator filters for mobile communications 70832
Wakino, K. *see* Ishikawa, Y. 63042
Wakisaka, K. *see* Kuriyama, H. 92918
Wakisaka, S. *see* Hasegawa, K. 80395
Wakita, H., Ono, Y., Kimura, K., Nishino, A. Multifunctional heater: deodorization of living atmosphere by quartz heater coated with catalyst 90670
Wakita, H.J. *see* Takada, Y. 74502
Wakita, J. *see* Cho, Y. 63122
Wakita, J. *see* Cho, Y. 93764
Wakita, K., Kotaka, I., Kozen, A. InGaAs/InAlAs multiquantum-well waveguided pin photodiodes with wide tunability and avalanche multiplication 94260
Wakita, K. *see* Kataoka, T. 58428
Wakita, K. *see* Kotaka, I. 72923
Wakita, K. *see* Sato, K. 72809
Wakita, K. *see* Sato, K. 75390
Wakita, K. *see* Yoshida, S. 94185
Wakita, M. *see* Hirose, M. 63288
Wakita, N., Uemura, T., Ohnishi, H., Mizuno, H., Yamazoe, H. Shock-problem free FLCDs and mechanism of alignment destruction by mechanical shock 72464
Wakitani, J. *see* Uchiyama, T. 58835
Wakiwaka, H., Watanabe, J., Hanabusa, M., Sakata, F., Yamazaki, N., Yamada, H. The simulation of transmitting distance on magnetic signal transmitting method 58443
Wakiwaka, K., Suyama, S., Mizuno, T., Yamamoto, S. Development and error analysis of linear sensor using meander coils 60251
Wakiyama, S. *see* Yasutake, M. 76202
Wakiyama, T. *see* Chichibu, S. 61307
Wakiyama, T. *see* Chichibu, S. 79822
Wakiyama, T. *see* Shimatsu, T. 72043
Wakiyama, T. *see* Takahashi, M. 48969
Wakizaka, S., Kobayashi, M., Mizuno, M. Solder crack caused by die attach paste 91022
Waknell, R.D. General overview of earthing systems in current practice 53793
Wakolbinger, W. *see* Schalkhammer, T. 66511
Waks, A., Ginsburg, H. A multi-disciplinary approach for detecting sub-cellular objects in low level light fluorescence microscopy 76927
Wakui, G. *see* Horii, T. 60223
Wakui, G. *see* Kubota, T. 78601
Wakui, G. *see* Kurihara, K. 60191
Wakui, G. *see* Kurihara, K. 68576
Wakui, G. *see* Kurihara, K. 78590
Wakui, Y. Optical fiber network structure 86334
Wakui, Y., Yamamoto, Y., Fuchigami, T. Strategic deployment of fibre-optic subscriber loops 52524
Wakui, Y. *see* Kawachi, G. 76120
Wakuta, Y., Maehata, K., Arima, H., Hirose, T., Noda, F., Hichida, N., Sumita, J. Kyushu University polarized ion source 53270
Wakuta, Y. *see* Koga, S. 93964
Wal, K.Van der *see* Van der Wal, K.
Wal, L.M. *see* Iskander, M.F. 61425
Wal, P.D.van der *see* van der Wal, P.D.
Walaine, C. *see* Pribat, D. 58930
Walborn, J.R. *see* McClary, C.R. 67703
Walbridge, M.R. *see* Howland, P.E. 97414
Walc, M. *see* Farries, M.C. 65798
Walch, M. A framework for performance analysis of parallel protocol execution 85327
Walck, S.D. *see* Capano, M.A. 61398
Walck, S.D. *see* Merkel, K.G. 93051
Walckiers, L. *see* Billan, J. 76350
Walckiers, L. *see* Verweij, A.P. 82427
Walczuk, E., Blaszczyk, H., Boczkowski, D. Computer-aided investigations of arc erosion characteristics and contact resistance 90271
Walczuk, E. *see* Glaba, M. 90268
Walczyna, A.M. Reduction of current and flux distortions of VSI-fed induction motors with direct self-control 100853
Walczyna, A.M., Hill, R.J. Novel PWM strategy for direct self-control of inverter-fed induction motors 100141
Walczyna, A.M., Hill, R.J. Space vector PWM strategy for 3-level inverters with direct self-control 100894
Waldele, F. *see* Busch, K. 76191
Walden, D.G. *see* Williams, B.R. 78073
Walden, R.W. *see* Nagaraj, K. 70782
Waldenvik, M. *see* Leyser, T.B. 94822
Waldfried, C., Wadewitz, S., Dewar, G. A microwave transmission spectrometer 66667
Waldie, A.H. *see* Stufflebeam, J.L. 66137
Walding Moore, W., Jr. *see* Giles, K. 74234
Waldl, H.-P. *see* Beyer, H.G. 89762
Waldman, J. *see* Mueller, E.R. 63675
Waldman, J. *see* Mueller, E.R. 98277
Waldmeier, S. *see* Adam, A. 88087
Waldmeier, S. *see* Adam, A. 88102
Waldmeier, S. *see* Adriani, O. 88023
Waldmuller, S., Lang, M., Wellmann, P., Winnacker, A. Spatial distribution of charge carrier temperature and lifetime in semi-insulating InP:Fe, observed via photoluminescence spectroscopy 55569
Waldner, F. *see* Horvath, D. 53123
Waldo, W. *see* Krasnoperova, A.A. 81601
Waldo, W.G., Capasso, C., Krasnoperova, A.A., Khan, M., Taylor, J.W., Cerrina, F. A comparative study of X-ray lithography process optimization using theoretical and empirical tools 81590
Waldo, W.G., Krasnoperova, A.A., Khan, M., Capasso, C., Taylor, J.W., Cerrina, F. Spectral effects on X-ray lithography 81594
Waldram, J.R. *see* Edgcombe, C.J. 53043
Waldrop, J.R. Schottky barrier height of metal contacts to p-type alpha 6H-SiC 55650
Waldrop, P.C. *see* Fuller, L.F. 54410
Waldschmidt, H. EMC standardisation and accreditation of EMC test laboratories 73389
Waldschmidt, H. Uniform display and operating interface on personal computer for digital field instrumentation 87018
Waldstein, R.S., Boothroyd, A. Speechreading enhancement using a sinusoidal substitute for voice fundamental frequency 84150
Waldvogel, C. *see* Hohl, W. 83954
Walejeski, W.E., Jr. *see* Thibault, S.E. 53886
Walend, D. *see* Muller, H. 76717
Walendziak, A. Full subdirect and weak direct products of algebras 91165
Wales, R.R. *see* Brown, G.M. 73154
Walesch, H., Meyer, H., Pial, H., Schurr, J. The gravitational force at mass separation from 0.6 m to 2.1 m and the precise measurement of G 86976
Walf, G. *see* Dietrich, E. 97237
Walfridsson, L. *see* Sunesson, A. 82169
Walge, E.K. *see* Wang, Q.Z. 94111
Walia, A.K. *see* Singh, R.N. 58842
Waligorski, M.P.R. *see* Bilski, P. 99012
Walivadekar, V.N., Athani, V.V., Sr., Acharya, G.N. Equivalent circuit for switched reluctance motor 100095
Walivadekar, V.N. *see* Athani, V.V. 78850
Walk, H. *see* Bell, W.W. 89719
Walke, R.L., Evans, R.A., Woods, R.F., Floyd, G., Wood, K.W. A high performance IIR filter chip and its evaluation system 80495
Walkenhorst, A. *see* Petersen, K. 63320
Walker, A.B. *see* Dunn, G.M. 63580
Walker, A.B. *see* Mills, R.J. 62302
Walker, A.C. *see* Desmulliez, M.P.Y. 72433
Walker, A.J. *see* van Dort, M.J. 93121
Walker, A.J. *see* Woerlee, P.H. 62997
Walker, D.M.H. *see* Griep, S. 82035
Walker, D.R., Flood, C.J., van Driel, H.M., Greiner, U.J., Klingenberg, H.H. Efficient continuous-wave TEM_{00} operation of a transversely diode-pumped Nd:YAG laser 72748
Walker, D.R. *see* Greiner, U.J. 56672
Walker, D.S. *see* Plowman, T.E. 63457
Walker, E.L. A theoretical analysis of the performance of code division multiple access communications over multimode optical fiber channels—part I: transmission and detection 65752
Walker, E.L. A theoretical analysis of the performance of code division multiple access communications over multimode optical fiber channels .II. System performance evaluation 75497
Walker, E.L. *see* Hang-Bong Kang 84910
Walker, F.J., McKee, R.A., Huan-Wun Yen, Zelmon, D.E. Optical clarity and waveguide performance of thin film perovskites on MgO 82662
Walker, G. *see* Beaman, B. 92668
Walker, G.W., Kun, S., Peura, R.A. Comparative sensitivity analysis between spherical and cylindrical intraventricular impedance imaging catheters 67548
Walker, I.D., Cavallaro, J.R. Parallel VLSI architectures for real-time kinematics of redundant robots 61745
Walker, I.K. *see* Bishop, G.J. 73331
Walker, J. New governors from new Heinzmann factory 78446
Walker, J. *see* Thompson, V. 77792
Walker, J. *see* Zheng, J.F. 72812
Walker, J.A. *see* Cunningham, J.E. 56425
Walker, J.A. *see* Goossen, K.W. 86477
Walker, J.C., Holmes, R., Jones, G.R. A comparison of the matrix and star topologies for optical sensor networks 87228
Walker, J.F. Introduction of new energies in utility networks 99497

Walker, J.L.B. Important considerations relating to GaAs FET power amplifiers intended for use in radar systems 80701
Walker, J.M. *see* Seligson, A.L. 49006
Walker, J.R., Jr. *see* Huddleston, D.G. 77781
Walker, K.L. *see* Lee, D. 86476
Walker, L.R. *see* Ren, J. 51268
Walker, M. Interpolation with hybrid B-spline surfaces 79663
Walker, M. *see* Katz, C. 89281
Walker, M.L., Helton, J.W. Application of signal subspace algorithms to scattered geometric optics and edge-diffracted signals 86546
Walker, M.T. *see* Glabus, M.F. 53433
Walker, N. *see* Adolphsen, C. 76537
Walker, N.J., Helm, R., Irwin, J., Woodley, M. Third-order corrections to the SLC final focus 66865
Walker, N.J., Irwin, J., Woodley, M. Global tuning knobs for the SLC final focus 66866
Walker, N.J., Irwin, J., Woodley, M. Analysis of higher order optical aberrations in the SLC final focus using Lie algebra techniques 66875
Walker, N.J. *see* Emma, P. 66874
Walker, N.J. *see* Raimondi, P. 66867
WAlker, N.J. *see* Raimondi, P. 66868
Walker, N.P., Eglen, S.J., Lawrence, B.A. Image compression using neural networks 57655
Walker, P. Regulation for competition and choice 65468
Walker, P., Riley, N.G., Darnell, M., Vongas, G. System control and simulation for adaptive 2-200 MHz multiple mechanism radio communication 96996
Walker, P.J. *see* Barnes, D.J. 55592
Walker, R. The acoustic design of listening rooms and control rooms 97716
Walker, R. *see* de Barbaro, P. 98584
Walker, R.C. *see* Napier, P.J. 58524
Walker, R.F., Haasdijk, E.W. Sex between models—inductive modelling using genetic algorithms 54704
Walker, R.G. High speed semiconductor guided-wave optical modulators 50586
Walker, R.K., Srinivasan, V. Creation and evolution of the ASME Y14.5.1M standard 60721
Walker, R.P., Codutti, A., Bracco, R., Diviacco, B., Millo, D., Poloni, C., Zangrando, D. Design, construction and testing of insertion devices for ELETTRA 67242
Walker, R.P., Zangrando, D. Measurement and correction of the ELETTRA storage ring dipole magnets 76682
Walker, R.P. *see* Abrami, A. 98715
Walker, R.P. *see* Zangrando, D. 76681
Walker, S. A high speed feed forward pseudo automatic gain control circuit for an amplifier cascade 80159
Walker, S. *see* Buttar, C.M. 67379
Walker, S. *see* Carratt, M. 50453
Walker, S.C. *see* Dixon, D.A. 79049
Walker, S.L. *see* Sasian, J.M. 94056
Walker, S.R. *see* Hult, M. 49817
Walker, S.R. *see* Johnston, P.N. 48992
Walker, W. *see* Knebel, P. 70592
Walker, W.D. Quark nucleon cross section 76817
Walker, W.F., Friemel, B.H., Bohs, L.N., Trahey, G.E. Real-time imaging of tissue vibration using a two-dimensional speckle tracking system 98769
Walker, W.F., Trahey, G.E. A fundamental limit on the performance of correlation based phase correction and flow estimation techniques 84248
Walker, W.J. A summability method for the arithmetic Fourier transform 79681
Walkington, N.J. Numerical approximation of non-convex variational problems 91348
Walkup, E.A., Borriello, G. Interface timing verification with application to synthesis 92133
Walkup, J.F. *see* Bashaw, M.C. 83378
Walkup, J.F. *see* Downie, J.D. 57745
Walkup, J.F. *see* Ellett, S.A. 50649
Walkup, J.F. *see* Ellett, S.A. 72531
Walkup, J.F. *see* Morelli, M.V. 56448
Walkup, J.F. *see* Timucin, D.A. 50641
Wall, B., Katter, M., Rodewald, W., Velicescu, M. Dependence of the magnetic properties of Zn bonded $Sm_2Fe_{17}N_x$ magnets on the particle size distribution 72020
Wall, B. *see* Handstein, A. 72182
Wall, B. *see* Martin, G. 71912
Wall, B. *see* Martin, G. 93817
Wall, B. *see* Velicescu, M. 49022
Wall, B. *see* Westmont, C. 49246
Wall, C.F. *see* Mossavati, R. 82885
Wall, D. *see* Arrington, K. 88112
Wall, D. *see* Arrington, K. 98564
Wall, D. *see* Brown, D. 59084
Wall, D. *see* Kefford, D. 59092
Wall, M., Whitehill, J. Network management technology: A paradigm for future enterprise control 96464
Wall, M.E. *see* Gruner, S.M. 59234
Wall, P. *see* Brewster, A.E. 98751
Wall, S., Jackson, R. Fast controller design for practical power-factor correction systems 90154
Wall, W.E. *see* Ecker, H.A. 85773
Wallace, A.K. *see* Brune, C. 68502
Wallace, A.K. *see* Brune, C.S. 68508
Wallace, A.K. *see* Ruqi Li 78890
Wallace, A.K. *see* Zhou, D. 100859
Wallace, A.K. *see* Zhou, D. 100860
Wallace, A.M. *see* Trucco, E. 84673
Wallace, D., Ciambrone, D. HART simplifies advanced SCADA 75871
Wallace, D. *see* Hansen, R.W.C. 88285
Wallace, D.I. *see* Tiu, P.D. 73734
Wallace, D.J., Rogers, G.C., Crossley, S.L. Modifications to improve entrance slit thermal stability for grasshopper monochromators 87758
Wallace, I.T., Novotny, D.W., Lorenz, R.D., Divan, D.M. Verification of enhanced dynamic torque per ampere capability in saturated induction machines 89978
Wallace, J. *see* Nachman, R. 81592
Wallace, J.D. *see* Rogers, J.D. 67180
Wallace, J.D. *see* Schaffer, G. 67132
Wallace, J.F. *see* Farquharson, S. 49039
Wallace, J.L. An extremely low-cost interface between an Inchworm piezoelectric motor and a personal computer 68661
Wallace, P. *see* Bayruns, R. 93539
Wallace, R. *see* Moran, L. 100243
Wallace, R. *see* Yi, J. 78822
Wallace, R. *see* Yi, J. 100690
Wallace, R.M. *see* Cho, C.-C. 81497
Wallace, R.S. Miniature direct drive rotary actuators. II. Eye, finger and leg 78644
Wallace, R.S., Ping-Wen Ong, Bederson, B.B., Schwartz, E.L. Space variant image processing 95727
Wallace, R.S. *see* Julian, A.L. 54019
Wallace, W.E. *see* Huang, M.Q. 71930
Wallack, J.R., Dandapani, R. Coverage metrics for functional tests 49384
Wallance, W.E. *see* Lian, F.Z. 71931
Walland, P.W. *see* St. Ville, L.J. 97300
Wallart, X. *see* Vignaud, D. 81273
Wallat, O. *see* Kleis, U. 70240
Wallbank, E. Master planning: turning vision into action [change management] 48617
Walle, C.G.Van de *see* Van de Walle, C.G.
Walle, J.R. *see* King, R.R. 100631
Wallenberg, L.R. *see* Vavra, I. 93048
Wallenstein, R. *see* Beier, B. 56670
Wallenstein, R. *see* Schroder, T. 56872
Wallentowitz, H., Mueller, R., Werner, J., Jeebe, H. Requirements for customer benefits and system safety of chassis control systems 78979
Waller, L. *see* Leacock, T. 97659
Waller, M., Triscari, J., Owens, R. Performance modelling in a large engineering project 52641
Walley, S.K., Tan, H.H., Viterbi, A.M. Limit distributions for the diameter and the shortest path hop count in random graphs with positive integer edge costs 65090
Walliker, J., Daley, J., Smith, K., Faulkner, A., Fourcin, A. Speech analytic hearing aids for the profoundly deaf: technical design aspects and user field trial results 98963
Wallin, J. *see* Lourdudoss, S. 56817
Wallin, J. *see* Streubel, K. 56792
Wallin, J. *see* Streubel, K. 83155
Wallin, J. *see* Varga, D. 56812
Wallin, S. *see* Odling, O. 58062
Wallin, S.P. *see* Priedhorsky, W. 77102
Wallinder, E. *see* Edner, H. 59589
Walling, L., Hulsey, G., Grimm, T. Broadband higher-order mode (HOM) damper for SSC LEB ferrite-tuned cavity 67149
Walling, L. *see* Coleman, P. 67076
Walling, L. *see* Goren, Y. 67090
Walling, L. *see* Goren, Y. 67091
Walling, L. *see* Ruiz, E. 87716
Walling, L. *see* Shu, Q.S. 87932
Walling, L.H. A remark on differences of theta series 79586
Walling, R.A., Hartana, R.K., Reckard, R.M., Sampat, M.P., Balgie, T.R. Performance of metal-oxide arresters exposed to ferroresonance in padmount transformers 68199
Walling, R.A., Hartana, R.K., Ros, W.J. Self-generated overvoltages due to open-phasing of ungrounded-wye delta transformer banks 90084
Walling, R.S. *see* Wan, A.S. 50741
Walling, R.S. *see* Wan, A.S. 72666
Walling, R.W. *see* Ratowsky, R.P. 50733
Wallinga, H. *see* Masa, P. 61838
Wallinga, H. *see* Zhou, M.-J. 56590
Wallis, C.R., Teitsworth, S.W. Hopf bifurcations and hysteresis in resonant tunneling diode circuits 80180
Wallis, C.R. *see* Teitsworth, S.W. 62264
Walliser, R.F., Landy, C.F. Determination of interbar current effects in the detection of broken rotor bars in squirrel cage induction motors 60219
Walliser, R.F., Landy, C.F. Assessment of interbar currents in double-cage induction motors with broken bars 60220
Wallker, R.P. *see* Diviacco, B. 67216
Wallmeier, E. *see* Fischer, W. 74985
Wallmeier, E. *see* Heiss, H. 57941
Wallrabe, U., Bley, P., Krevet, B., Menz, W., Mohr, J. Design rules and test of electrostatic micromotors made by the LIGA process 54043
Wallrabe, U. *see* Beerschwinger, U. 49030
Wallraff, W. L3P, a lepton photon precision physics experiment for LHC 53289
Walls, D.F. *see* Plimak, L.I. 83334
Walls, F.L. *see* Drullinger, R.E. 86922
Walls, F.L. *see* Nelson, L.M. 80169
Walls, F.L. *see* Szekely, C. 75826
Walls, I.A. *see* Turner, A.K. 100462
Walmsley, I. *see* Wong, V. 73004
Walmsley, N.S., Hart, A., Parker, D.A., Chantrell, R.W. Analytical solutions to electron imaging of head fields 50263
Walmsley, R.G. *see* Strom, B.D. 93882
Walowit, E. *see* Wolski, M. 87569
Walpole, J.N. *see* Liau, Z.L. 63915
Walpole, J.N. *see* Livas, J.C. 50491
Walpole, J.N. *see* Livas, J.E. 63743
Walpole, J.N. *see* Wang, C.A. 50819
Walrand, J. *see* Chen, T.M. 96190
Walrand, J. *see* de Veciana, G. 65180
Walrand, J. *see* Kesidis, G. 65026
Walrand, J. *see* Kesidis, G. 74655
Walser, R.M. *see* Becker, M.F. 82519
Walser, R.M. *see* Chunchi Ma 62339
Walser, R.M. *see* Giulianelli, L.C. 98064
Walseth, S. Security [telecommunications] 84012
Walsh, B. *see* Lee, F.T. 81568
Walsh, C.A. *see* Miller, R.D. 56913
Walsh, C.A. *see* Silence, S.M. 50439
Walsh, C.A. *see* Twieg, R.J. 56415
Walsh, D. An overview of current trends in the general purpose DSP development systems market 55281
Walsh, D. The changing nature of in-circuit test 61999
Walsh, D. *see* Andresen, J. 88067
Walsh, D.O. *see* Delaney, P.A. 73972
Walsh, J., Woods, K., Yeager, S. Intensity of Smith-Purcell radiation in the relativistic regime 51036
Walsh, J. *see* Gill, E.W. 77540
Walsh, K., Wyler, J. Improved lighting efficiency for active matrix liquid crystals displays 76130
Walsh, M.I., Donnelly, K.E. Power frequency electric and magnetic field exposure and human health 59424
Walsh, N.E. *see* Morimoto, A.K. 59379
Walsh, P.A., Miller, D.M. Goal-directed simulated annealing and simulated sintering 69773
Walsh, R. *see* Barbara, D. 96557
Walsh, R.J. *see* Souza, R.J. 58116
Walsh, R.P. *see* Sims, J.R. 83551
Walsh, T.F. *see* Hertzler, J. 53326
Walshak, D. *see* Hashemi, H. 69558
Walshe, A. Face to face: PC videoconferencing 96830
Walstrom, P. *see* Rusnak, B. 67128
Walstrom, P.L. Dipole-sheet multipole magnets for accelerators 87793
Walsworth, R.L., Mattison, E.M., Vessot, R.F.C., Silvera, I.F. Recent investigations with the Harvard-Smithsonian cryogenic hydrogen maser 63618
Walt, P.W.van der *see* van der Walt, P.W.
Walter, C., Richards, E.P. Federal law and individual activities 79203
Walter, C.D. Logarithmic speed modular multiplication 80230
Walter, D.T. *see* Asgarpoor, S. 78051
Walter, F. *see* Vollmer, J. 68924
Walter, G. Experiences of on-line vibration diagnostics on the 900 MW steam turbo unit at the Isar 1 nuclear power station. I. Time range monitoring 68374
Walter, G.G. Translation and dilation invariance in orthogonal wavelets 95498
Walter, H. *see* Burkhard, H. 86510
Walter, H. *see* Hansmann, S. 72882
Walter, H. *see* Hillmer, H. 94468
Walter, H. *see* Mohrdiek, S. 50822
Walter, H. *see* Mohrdiek, S. 52495
Walter, J.W. *see* Bauer, J.G. 72605
Walter, M. *see* Menge, P.R. 87700
Walter, M.T. *see* Gilgenbach, R.M. 76640
Walter, T. Characterizing frequency stability: a continuous power-law model with discrete sampling 55160
Walter, T., Schock, H.W. Fundamental studies and development of technologies for $CuInSe_2$ based thin film solar cells in the EUROCIS program 90408
Walter, T. *see* Herberholz, R. 81264
Walter, T. *see* Klenk, R. 61354
Walter, T. *see* Klenk, R. 79919
Walters, C.R. *see* Baynham, D.E. 76795
Walters, C.R. *see* Bruzzone, P. 82460
Walters, D., Little, T., Quaicoe, J., Brothers, C. Harmonics on wind/diesel grids 60146
Walters, D. *see* Seidler, W. 82077
Walters, G., Carter, M. A new proprietary electrode for metallized DC film capacitors 80913
Walters, M.R. *see* Lord, K.R., II 100751
Walters, R.J. A review of radiation effects in InP solar cells 60475
Walters, R.J., Messenger, S.R., Wanlass, M.W., Summers, G.P. 1 MeV electron irradiation of monolithic, two-terminal $InP/Ga_{0.47}In_{0.53}As$ solar cells 100753
Walters, R.J. *see* Messenger, S.R. 60481
Walters, R.J. *see* Summers, G.P. 100747
Walters, R.M., Bradley, D.A., Dorey, A.P. The high level design of electronic systems for mechatronic applications 55079

Walters, S.A., Stephenson, M.M. Virtual Test Station (VTS) 58633
Walters, W. *see* Capote, M.A. 92800
Walterson, R.A. *see* Hibbs-Brenner, M.K. 71153
Walthall, D.B. *see* Moulton, J.R., Sr. 66439
Walther, A. *see* Appuhn, R.D. 98542
Walther, A. *see* Janoth, J. 92905
Walther, H. *see* Benson, O. 56599
Walther, H. *see* Briegel, H.-J. 50716
Walther, H. *see* Volcker, M. 76193
Walther, H. *see* Wehner, E. 82882
Walther, M., Kramer, G., Tsui, R., Goronkin, H., Adam, M., Tehrani, S., Rogers, S., Cave, N. Growth of GaSb/AlSb heterostructures on patterned substrates by molecular beam epitaxy 81333
Walther, M. *see* Boerner, W.-M. 77484
Walther, M. *see* Segal, A.C. 86555
Walther, S.R. Characterization of a Bernas ion source for multiply charged ion implantation 53228
Waltman, S. *see* Jungner, P. 86872
Waltman, W.B. *see* Thacker, D.L. 88772
Walton, A.J., Fallon, M., Stevenson, J.T.M., Ross, A.W.S. Design considerations for a test structure which can be used to determine the optimum focus 55684
Walton, A.J., Fallon, M., Stevenson, J.T.M., Ross, A.W.S., Reeves, C.M. A modified Gaudi structure for the optimisation of the focus of wafer steppers 62925
Walton, A.J. *see* Chester, A.J. 61687
Walton, A.J. *see* Fallon, M. 56056
Walton, A.J. *see* Fallon, M. 62754
Walton, A.J. *see* Fallon, M. 81400
Walton, A.J. *see* Gaston, G.J. 56058
Walton, A.J. *see* Tang, C.K. 82659
Walton, A.J. *see* Wilson, D. 61686
Walton, D.J. *see* Meek, D.S. 51699
Walton, D.J. *see* Stone, P.J.W. 56905
Walton, D.J. *see* Stone, P.J.W. 63944
Walton, E.K. *see* Moghaddar, A. 94767
Walton, J.T., Wong, Y.K., Derhacobian, N., Haller, E.E. Lithium drifted silicon detector fabrication on gettered floating-zone silicon 88121
Walton, J.T. *see* Derhacobian, N. 81188
Walton, J.T. *see* Derhacobian, N. 92932
Walton, J.T. *see* Derhacobian, N. 94250
Walton, J.T. *see* Hubbard, G.S. 88069
Walton, J.T. *see* Hubbard, G.S. 98614
Walton, J.W. *see* Barnett, C.W. 54066
Walton, M.D., Bernstein, B.S., Smith, J.T., III, Thue, W.A., Groeger, J.H. Accelerated cable life testing of EPR-insulated medium voltage distribution cables 78096
Walton, N. *see* Ioannidis, G. 67957
Walton, P.W. *see* Ying Bao 87074
Waltrich, J.B. Results of 64 QAM field tests over cable and alternate media 96540
Waltrip, B.C., Oldham, N.M. Design and performance evaluation of the NIST digital impedance bridge 86949
Waltz, F.M. Fast signal processing hardware for industrial inspection 69605
Walukiewicz, W. *see* Chen, W.M. 71098
Walus, W. *see* Miskowiec, D. 98541
Walvick, E.A. *see* Super, T.M. 85966
Walz, D. *see* Irwin, J. 66896
Walz, F., Rivas, J., Martinez, D., Kronmuller, H. Influence of Ba content on the magnetic after-effect spectra in barium ferrites 63205
Walz, H.V. *see* Tenenbaum, P. 76679
Walz, M.F. *see* Biss, D. 60101
Walz, R. *see* Tetzlaff, K.H. 68994
Walzel, G. *see* Gasparini, F. 53303
Walzel, G. *see* Moers, T. 67364
Wambacq, P., Fernandez, F.V., Gielen, C., Sansen, W., Rodriguez-Vazquez, A. Algorithm for efficient symbolic analysis of large analogue circuits 70233
Wambacq, P. *see* Zhang, D. 77690
Wambof, P.D. *see* Javadi, H.H.S. 97217
Wambof, P.D. *see* Weller, T.M. 80634
Wampler, W.R., Barbour, J.C. Hydrogen uptake into silicon from an electron cyclotron resonance plasma 93227
Wampler, W.R., Doyle, B.L. Low-energy beta spectroscopy using pin diodes to monitor tritium surface contamination 98527
Wan, A.B. *see* Raveendran, P. 74226
Wan, A.S., Moreno, J.C., MacGowan, B.J., Koch, J.A., Libby, S.B., Nilsen, J., Osterheld, A.L., Scofield, J.H., Trebes, J.E., Van Wonterghem, B., Walling, R.S. Characterization of germanium stripe X-ray lasers 50741
Wan, A.S., Moreno, J.C., MacGowan, B.J., Libby, S.B., Koch, J.A., Nilsen, J., Osterheld, A.L., Scofield, J.H., Trebes, J.E., Walling, R.S. Characterization of germanium stripe X-ray lasers 72666
Wan, C.C. *see* Chan, D.S. 68988
Wan, C.C. *see* Chan, D.S. 68992
Wan, K.W. *see* Lam, W.K. 58304
Wan Chun Shi *see* Shi Wan Chun
Wan Faguan *see* Lo Huiguo 84562
Wan Faguan *see* Wang Wei 85197
Wan Guo-Long *see* Guo-Long Wan
Wan Guoxiang *see* Guoxiang Wan
Wan Koo Yong *see* Yong Wan Koo
Wan Liangfeng *see* Fu Yonglai 50788
Wan Liangfeng *sce* Li Hong 56733
Wan Lixi The tolerance method for electromagnetic scattering 73282
Wan Mim Ki *see* Ki Wan Mim
Wan Neng *see* Neng Wan
Wan Park Jong *see* Jong Wan Park
Wan Shuyun *see* Wu Longan 93425
Wan Wei *see* Yin Wenyan 61864
Wan Wei *see* Yin Wenyan 73518
Wan Weishi *see* Weishi Wan
Wan Ya *see* Ya Wan
Wan Yongming *see* You Dahai 68484
Wan Zhe-Xian *see* Zhe-Xian Wan
Wan Zhong *see* Zhong Wan
Wan Zhongliang *see* Guo Jianen 82601
Wan Zuowen, Zhu Dayong Analyses of the Stark optical bistability with Doppler broadening 73081
Wan-Chi Siu *see* Pui-Kin Ser 96108
Wan-Chi Siu *see* Yuk-Hee Chan 64464
Wan-Chi Siu *see* Yuk-Hee Chan 95173
Wan-Guo Zhu *see* Guo-Zhong Zhou 77933
Wan-Lee Yin, Dale, J.L. The effects of adhesive nonlinearity on thermal stress in layered components 69564
Wan-Ping Hu *see* Hu Wan-Ping
Wan-Young Chung, Chang-Hyun Shim, Soon-Don Choi, Duk-Dong Lee Tin oxide microsensor for LPG monitoring 97882
Wanchun Wu *see* Wu Wanchun
Wand, M.P., Jones, M.C. Multivariate plug-in bandwidth selection 54757
Wandell, B.A. *see* Farrell, J.E. 52961
Wandelt, K. *see* Varichenko, V.S. 71079
Wanderer, P. Status of superconducting magnet development (SSC, RHIC, LHC) 76643
Wanderer, P., Anerella, M., Ganetis, G., Garber, M., Ghosh, A., Greene, A., Gupta, R., Jain, A., Kahn, S., Kelly, E., Morgan, G., Muratore, J., Prodell, A., Rehak, M., Rohrer, E.P., Sampson, W., Shutt, R., Thomas, R., Thompson, P., Willen, E. Test of eight superconducting arc quadrupoles for RHIC 82421
Wanderer, P., Anerella, M., Ganetis, G., Garber, M., Ghosh, A.K., Greene, A., Gupta, R., Jain, A., Kahn, S., Kelly, E., Morgan, G., Muratore, J., Prodell, A., Rehak, M., Rohrer, E.P., Sampson, W., Shutt, R., Thomas, R., Thompson, P., Willen, E., Akhmetov, A., Bush, T., Capone, W.D., II, Coombes, R., Devred, A., Dimarco, J., Goodzeit, C., Krzywinski, J., Kuzminski, J., Nah, W., Ogitsu, T., Radusewicz, P., Schermer, R., Stiening, R., Tompkins, J.C., Wake, M., Zbasnik, J., Zhao, Y., Zheng, H. Partial lifetime test of an SSC Collider dipole 82422
Wanderer, P. *see* Gupta, R. 76648
Wanderer, P. *see* Lindner, M. 82420
Wanderer, P. *see* Muratore, J. 82419
Wanderer, P. *see* Ogitsu, T. 87687
Wanderer, P. *see* Thompson, P. 76655
Wandesforde, A. *see* Scanlan, R.M. 82411
Wandinger, U., Ansmann, A., Weitkamp, C. Atmospheric Raman depolarization-ratio measurements 88766
Waner Chen *see* Chen Waner
Wang, A., Zhang, P., May, R.G., Murphy, K.A., Claus, R.O. Sapphire fiber-based polarimetric optical sensor for high temperature applications 98048
Wang, A. *see* Devadas, S. 55238
Wang, A. *see* Devadas, S. 80241
Wang, A. *see* Fang, X. 87218
Wang, A. *see* Murphy, K.A. 91667
Wang, A. *see* Murphy, K.A. 98063
Wang, A. *see* Nasta, M.H. 98072
Wang, A. *see* Rudraraju, S. 91673
Wang, A. *see* Tran, T. 52924
Wang, A. *see* Weinstein, S.J. 52922
Wang, A. *see* Xiuying Gong 56525
Wang, A. *see* Zhao, J. 78813
Wang, A. *see* Zhao, J. 78814
Wang, A. *see* Zhao, J. 100728
Wang, A.D., Ge, Y.Z., Lai, L.L., Johns, A.T. A new digital algorithm for power system frequency measurements 60021
Wang, A.P. *see* Ueno, S. 77252
Wang, A.S. *see* Vook, D. 61908
Wang, B., Rose, D.M., Farag, A.A., Delp, E.J. Local estimation of Gaussian-based edge enhancement filters using Fourier analysis 84943
Wang, B. *see* Tsai, M.S. 68140
Wang, B.-Z., Lin, W. Small-hole formalism for the finite-difference time-domain analysis of small hole coupling 83638
Wang, B.C. *see* Wu, W.Y. 90606
Wang, C., Marks, S., Kincaid, B. Spectral quality of ALS U5.0 undulator and field error effects 67241
Wang, C., Shahidehpour, S.M. Ramp-rate limits in unit commitment and economic dispatch incorporating rotor fatigue effect 89011
Wang, C. *see* Marks, S. 67240
Wang, C.-C. *see* Davidson, F. 94254
Wang, C.-H. *see* Lin, W.-S. 60206
Wang, C.-J., Wu, C.-H. Analog neural networks solve ambiguity problems in medium PRF radar systems 55363
Wang, C.A., Choi, H.K., Walpole, J.N., Evans, G.A., Reichert, W.F., Chow, W.W., Fuller, C.T. High-power, high-temperature InGaAs-AlGaAs strained-layer quantum-well diode lasers 50819
Wang, C.A. *see* Lau, S.D. 72413
Wang, C.A. *see* Livas, J.C. 50491
Wang, C.A. *see* Livas, J.E. 63743
Wang, C.A. *see* Sanders, G.D. 94456
Wang, C.C. *see* Chu, M. 91528
Wang, C.H., Lloyd, A.D., Wherrett, B.S. Design and modeling of asymmetric Fabry-Perot electrooptic modulators containing a polymeric film 63479
Wang, C.H., Wherrett, B.S., Harvey, T.G. Fabrication and characterisation of a 4×4 array of polymer-based asymmetric Fabry-Perot reflection modulators 72453
Wang, C.J. *see* Chen, J.S. 87621
Wang, C.J. *see* Sullivan, M. 60914
Wang, C.M., Iyer, H.K. Tolerance intervals for the distribution of true values in the presence of measurement errors 91117
Wang, C.R.C., Hsu, C.C., Liu, W.Y., Tsai, W.C., Tzeng, W.B. Determination of laser beam waist using photoionization time-of-flight mass spectrometer 83244
Wang, C.X., Small, L., Snyder, W.E., Williams, R. Edge detection in gated cardiac nuclear medicine images 76941
Wang, C.Y. *see* Chen, Y.-C. 90960
Wang, C.Y. *see* Liao, B.Y. 58996
Wang, D., Bosman, G., Li, S.S. On the dark current noise of quantum well infrared photodetectors 75984
Wang, D., Inagaki, T. Time-dependent optimality of an alarm subsystem 69499
Wang, D. *see* Bailey, R. 76535
Wang, D. *see* Brandt, D. 87724
Wang, D. *see* Davis, M.R. 98366
Wang, D. *see* Flanz, J.B. 76496
Wang, D. *see* Ihloff, E. 87649
Wang, D. *see* Ivey, D.G. 55657
Wang, D.C. *see* Teng, S.J.J. 81958
Wang, D.N., Ning, Y.N., Palmer, A.W., Grattan, K.T.V., Weir, K. An optical scanning technique in a white light interferometric system 83397
Wang, D.T. *see* Chao, D.Y. 74733
Wang, D.T. *see* Lu, D.L. 53198
Wang, D.W., Papathomas, K.I. Encapsulant for fatigue life enhancement of controlled collapse chip connection (C4) 91050
Wang, D.X., Wang, J.G., Kehne, D., Reiser, M., Haber, I. Experimental study of longitudinal dynamics of space-charge dominated parabolic bunches 87816
Wang, D.X. *see* Brown, N. 66857
Wang, D.X. *see* Wang, J.G. 87913
Wang, D.Y., Johnson, R.P., Ng, L.S.B., Pearce, W.J. Ramping control using a spreadsheet 76430
Wang, D.Y. *see* Johnson, R.P. 67236
Wang, E. *see* Bhandari, R. 66953
Wang, E.Z., Liu, X.M., Tong, L.Z. Comparative study of the charge simulation method and the finite element method for computing electric field 90282
Wang, F., Haertling, G.H. A PLZT optical phase modulator and its applications 56417
Wang, F., Li, K.K., Haertling, G.H. Transverse electrooptic properties of antiferroelectric lead containing thin films 56108
Wang, F., Lo, T., Litva, J., Read, W. VHF antenna array processing: high accuracy direction finding and performance evaluation with real data 58514
Wang, F. *see* Bai, J.Z. 53324
Wang, F. *see* Kunkel, G. 56254
Wang, F. *see* Kunkel, G. 93938
Wang, F. *see* Soundranayagam, R. 67193
Wang, F.C. Design and test of mixed-signal VLSI 80502
Wang, F.T. *see* Chen, J.L. 79510
Wang, F.X. *see* Bonert, R. 60540
Wang, G. Physical images of extraction systems with four and five electrodes 53278
Wang, G., Zhang, J., Pan, G.W. Solution of inverse problems in image processing by wavelet expansion 84955
Wang, G. *see* Barron, C.C. 97999
Wang, G. *see* Lokberg, O.J. 83353
Wang, G. *see* Mao, J.M. 71158
Wang, G. *see* Tran, T. 52924
Wang, G.-C. *see* Yang, H.-N. 91537
Wang, G.J. *see* Jiang, S.F. 53180
Wang, G.Y. *see* Bai, J.Z. 53324
Wang, H. Characterization of a metal-clad anisotropic thin film by the guided-wave method 94171
Wang, H., Chang, K.W., Lo, D.C.W., Tan, K.L., Streit, D., Dow, G.S., Allen, B.R. A monolithic 23.5 to 94 GHz frequency quadrupler using 0.1 μm pseudomorphic AlGaAs/InGaAs/GaAs HEMT technology 92614
Wang, H., Chang, K.W., Smith, D., Dow, G.S., Tan, K.L., Oki, A., Allen, B.R. A W-band source module using MMICs 80766
Wang, H., Jaszczak, R.J., Hawman, E.G., Greer, K.L., Coleman, R.E. Forced detection for astigmatic collimation based on circular acceptance cone approximation 59298

Wang, H., Michael, C., Geha, S., Guo, R.S., Messick, C., Lahri, R. An optimized gate oxide breakdown test by activating oxide traps at low fields 63058
Wang, H., Onodera, T., Hirose, T., Fisher, R. Portable telephone for CDMA cellular system 86083
Wang, H., Park, H.R., Wicks, M.C. Recent results in space-time processing 65884
Wang, H., Ton, T.N., Lai, R., Lo, D.C.W., Chen, S., Streit, D., Dow, G.S., Tan, K.L., Berenz, J. Low noise and high gain 94 GHz monolithic InP-based HEMT amplifiers 92543
Wang, H., Xue, W.R., Lu, P.W., Shen, D.W., Zhang, Q.T., Zhao, M.Y. Large anisotropy on electromechanical properties of rare-earth and alkaline-earth oxides complex modified $PbTiO_3$ ceramics 50143
Wang, H., Zhang, Q.M., Cross, L.E., Sykes, A.O. Clamping effect on the piezoelectric properties of poly(vinylidene fluoride-trifluoroethylene) copolymer 71846
Wang, H. *see* Benetti, P. 67327
Wang, H. *see* Benetti, P. 67328
Wang, H. *see* Cennini, P. 67285
Wang, H. *see* Cennini, P. 76755
Wang, H. *see* Chang, K.W. 80755
Wang, H. *see* Daley, S. 91139
Wang, H. *see* Lai, R. 70913
Wang, H. *see* Li, J. 59362
Wang, H. *see* Lo, D.C.W. 66312
Wang, H. *see* Lo, D.C.W. 80832
Wang, H. *see* Lo, D.C.W. 92592
Wang, H. *see* Minot, K. 86298
Wang, H. *see* Minot, K. 97171
Wang, H. *see* Nche, C.F. 86703
Wang, H. *see* Plouchart, J.O. 86225
Wang, H. *see* Plouchart, J.O. 97077
Wang, H. *see* Sangster, A.J. 51264
Wang, H. *see* Sangster, A.J. 51265
Wang, H. *see* Wu, J. 99752
Wang, H. *see* Yin, Z. 54984
Wang, H. *see* Zhang, Q. 49017
Wang, H. *see* Zhang, Q.M. 56112
Wang, H. *see* Zuberek, W.M. 49069
Wang, H.-C., Chen, M.-S., Yang, T. A novel approach to the speaker identification over telephone networks 85568
Wang, H.-C. *see* Kuo, C.-C. 73867
Wang, H.-C. *see* Pai, H.-F. 84119
Wang, H.-F. *see* Sun, H.-T. 55439
Wang, H.-H. *see* Vook, D. 61908
Wang, H.-L. *see* Tsao, S.-H. 96270
Wang, H.-m. *see* Lee, L.-s. 84079
Wang, H.-W. *see* Chan, C.C. 60544
Wang, H.C. *see* DiVenere, A. 54853
Wang, H.C. *see* Huang, Y.C. 53114
Wang, H.C. *see* Huang, Y.C. 72930
Wang, H.D. *see* Breipohl, A.M. 89166
Wang, H.F., Hao, Y.S., Hogg, B.W., Yang, Y.H. An adaptive power system stabilizer based on turbine governor control 59745
Wang, H.H. *see* Giakos, G.C. 83777
Wang, H.O., Abed, E.H. Control of nonlinear phenomena at the inception of voltage collapse 59852
Wang, H.O., Abed, E.H., Hamdan, A.M.A. Bifurcations, chaos, and crises in voltage collapse of a model power system 53703
Wang, H.S., Wa, P.L.K., Lefaucheur, J.L., Chai, B.H.T., Miller, A. CW and self-mode-locking performance of a red pumped Cr^{3+}:$LiSr_{0.8}Ca_{0.2}AlF_6$ laser 82976
Wang, H.S. *see* Li Kam Wa, P. 72776
Wang, H.T.G. *see* Jian Gong 94961
Wang, H.W. *see* Hall, D.A. 87086
Wang, H.X. *see* Yang, W.Q. 87088
Wang, H.Z. *see* Barakat, M. 98712
Wang, I.-Y.A., Busch-Vishniac, I. A new repulsive magnetic levitation approach using permanent magnets and air-core electromagnets 78937
Wang, J. New convergence estimates for multilevel algorithms for finite-element approximations 69881
Wang, J., Beton, P.H., Mori, N., Buhmann, H., Mansouri, L., Eaves, L., Main, P.C., Foster, T.J., Henini, M. Submicrometer resonant tunnelling diodes fabricated by photolithography and selective wet etching 71590
Wang, J., Beton, P.H., Mori, N., Eaves, L., Buhmann, H., Mansouri, L., Main, P.C., Foster, T.J., Henini, M. Resonant magnetotunneling via one-dimensional quantum confined states 81782
Wang, J., Chau-Chin Yang Sequential detection for code acquisition with and without data modulation on 84582
Wang, J., Hagino, K., Takano, T. Adaptive antennas using a Kalman filter for fast mobile communications 86106
Wang, J., Hao, Y., Chen, J., Lu, Y. Solving travelling wave rate equations applicable to InGaAsP semiconductor lasers 94519
Wang, J., Kistler, N., Woo, J., Viswanathan, C.R. Mobility-field behavior of fully depleted SOI MOSFET's 50010
Wang, J., Li, Q., Wei, W. Fuzzy logic for underwater target noise recognition 52653
Wang, J., Takagi, T. Performance of local frequency offset space diversity for 16 star QAM 86188
Wang, J. *see* Cai, W.Z. 79851
Wang, J. *see* Chang, C.-I. 95907
Wang, J. *see* D'Amours, C. 86063
Wang, J. *see* Hewak, D.W. 56708
Wang, J. *see* Hewak, D.W. 56726
Wang, J. *see* Hu, V. 88649
Wang, J. *see* Lai, D. 95097
Wang, J. *see* Lee, P.C.Y. 93739
Wang, J. *see* McAulay, A.D. 50648
Wang, J. *see* Mu, X. 57180
Wang, J. *see* Sheik-Bahae, M. 63933
Wang, J. *see* Shepherd, D.P. 63752
Wang, J. *see* Taylor, K.N.R. 56234
Wang, J. *see* Wang, R.L. 57832
Wang, J. *see* Xing-Zhong Li 88162
Wang, J.-K., Siegel, Y., Lu, C., Mazur, E., Reintjes, T. Subpicosecond stimulated Raman scattering in high-pressure hydrogen 73072
Wang, J.-M., Kanterakis, E., Katz, A., Zhang, Y., Li, Y., Murray, N. High-speed free-space interconnect based on optical ring topology: experimental demonstration 82776
Wang, J.-M. *see* Yan Zhang 84724
Wang, J.-M. *see* Zhang, Y. 57675
Wang, J.-S., Mittra, R. Finite element analysis of MMIC structures and electronic packages using absorbing boundary conditions 49673
Wang, J.-S., Mittra, R. A finite element cavity resonance method for waveguide and microstrip line discontinuity problems 51190
Wang, J.-S. *see* Shih, C.-G. 86506
Wang, J.C. *see* Youngborg, L.H. 99890
Wang, J.C.B., Knight, P., Lehtoranta, V.K. A study of LF/MF skywave data collected in ITU Region 83671
Wang, J.D., Liu, T.S. A discrete stress-strength interference model for unreliability bounds 61028
Wang, J.F. *see* Lee, L.W. 85040
Wang, J.G., Wang, D.X., Kehne, D., Reiser, M. Generation of space-charge waves due to localized perturbations 87913
Wang, J.G. *see* Bai, J.Z. 53324
Wang, J.G. *see* Brown, N. 66857
Wang, J.G. *see* Wang, D.X. 87816
Wang, J.H. *see* Chen, J.L. 79510
Wang, J.H. *see* Jin, M.S. 56577
Wang, J.H. *see* Zhang, B.M. 59823
Wang, J.I., Lin, W.G., Tang, N., Li, W.Z., Gao, Y.H., Yang, F.M. Magnetic properties of $(Er,R)_2Fe_{17}N_y$ compounds (R=Y,Gd) 71974
Wang, J.L., Tsuchiya, T., Takeuchi, H., Shirotori, K., Miyazaki, S., Nakata, T. A miniature ultra low-power 2.5 GHz downconverter IC for wireless communications 49592
Wang, J.L. *see* Erramilli, A. 86779
Wang, J.L. *see* Fujita, K. 61940
Wang, J.L. *see* Hou, V.T. 51825
Wang, J.L. *see* Lin, F.Y.S. 85378
Wang, J.M. *see* Thomas, M.G. 67234
Wang, J.P. *see* Jiang, S.H. 88061
Wang, J.P. *see* Jiang, S.H. 98572
Wang, J.Q., Lala, P.K. Partially strongly fault secure and partially strongly code disjoint 1-out-of-3 code checker 80289
Wang, J.Q. *see* Qin Zhang 82544
Wang, J.R., Melfi, S.H., Racette, P., Whitemen, D.N., Kakar, R.K., Ferrare, R.A., Evans, K.D., Schmidlin, F.J. Simultaneous measurements of atmospheric water vapor with MIR, Raman lidar and rawinsondes 77407
Wang, J.R., Meneghini, R., Kumagai, H., Wilheit, T.T., Jr., Boncyk, W.C., Racette, P., Tesmer, J.R., Maves, B. Airborne active and passive microwave observations of Super Typhoon Flo 77399
Wang, J.R., Rao, K.S. The effect of topography on the SAR measurements of surface soil moisture 77516
Wang, J.R. *see* Kumagai, H. 77358
Wang, J.S., Machewirth, D.P., Wu, F., Snitzer, E., Vogel, E.M. Neodymium-doped tellurite single-mode fiber laser 94380
Wang, J.S., Vogel, E.M., Snitzer, E. Tellurite glass: a new candidate for fiber devices 94081
Wang, J.S.-H., Dai, W.W.-M. Optimal design of self-damped lossy transmission lines for multichip modules 92832
Wang, J.W., Nelson, E.M. Design of the detuned accelerator structure 67150
Wang, J.W. *see* Farkas, Z.D. 66824
Wang, J.W. *see* Hoag, H.A. 67100
Wang, J.W. *see* Ruth, R.D. 66791
Wang, J.W. *see* Vlieks, A.E. 67011
Wang, J.Y. *see* Bai, J.Z. 53324
Wang, J.Y.A., Adelson, E.H. Spatio-temporal segmentation of video data 64656
Wang, J.Y.A., Adelson, E.H. Representing moving images with layers 84772
Wang, J.Y.A., Adelson, E.H. Layered representation for image sequence coding 84992
Wang, K., Shamma, S.A. Modeling the auditory functions in the primary cortex 59247
Wang, K., Shamma, S.A., Byrne, W.J. Noise robustness in the auditory representation of speech signals 84043
Wang, K. *see* Anzivino, G. 67353
Wang, K. *see* Xiu, L. 76419
Wang, K.K. *see* Chou, H. 72217
Wang, K.L. *see* Carns, T.K. 55729
Wang, K.L. *see* Carns, T.K. 71138
Wang, K.L. *see* Chen, Y.W. 81295
Wang, K.L. *see* Chen, Y.W. 94186
Wang, K.L. *see* Dawen Wang 81507
Wang, K.L. *see* Gamani Karunasiri, R.P. 58756
Wang, K.L. *see* Jo, J. 49956
Wang, K.L. *see* Li, H.S. 56543
Wang, K.L. *see* Lie, D.Y.C. 49793
Wang, K.L. *see* Liming Tsau 49886
Wang, K.L. *see* Liu, W.S. 54917
Wang, K.L. *see* Nayak, D.K. 62740
Wang, K.L. *see* Nayak, D.K. 62842
Wang, K.L. *see* Wang, S.J. 62875
Wang, K.R. *see* Grajales, L. 68723
Wang, L. Bit rate control for hybrid DPCM/DCT video codec 95669
Wang, L., Aboulnasr, T. Practical adaptive hybrids with no bursting 85571
Wang, L., Denbigh, P.N. Monaural localization using combination of TD (λ) with backpropagation 64530
Wang, L., Hartimo, I. A pipelined systolic architecture for 2-D discrete Fourier transform 84579
Wang, L., Hartimo, I. Systolic array for binary multiplier 92303
Wang, L., Zhou, J., Sha, F., Zhao, X. Intelligent network management system of PSTN under future's B-ISDN environment a combination of intelligent network concept and SONET technology 75097
Wang, L. *see* Bantly, J. 88241
Wang, L. *see* Bantly, J. 98590
Wang, L. *see* Diaz, J. 72894
Wang, L. *see* Lin, Q. 94756
Wang, L. *see* Miura, Y. 55181
Wang, L. *see* Wang, Y.J. 68758
Wang, L. *see* Zielinski, A. 97368
Wang, L.-X., Mendel, J.M. An RLS fuzzy adaptive filter, with application to nonlinear channel equalization 51284
Wang, L.K. *see* Binglong Zhang 93458
Wang, L.K. *see* Ming-Horn Tsai 50013
Wang, L.M. *see* Wu, A.Y. 56118
Wang, L.S. *see* Bai, J.Z. 53324
Wang, L.S. *see* Coates, R. 97369
Wang, L.Y., Liu, B.D., Lai, Y.T., Yeh, M.Y. Performance-driven global routing based on simulated evolution 70250
Wang, L.Z. *see* Bai, J.Z. 53324
Wang, M., Dickin, F.J., Williams, R.A. Electrical resistance tomography of metal walled vessels and pipelines 58638
Wang, M. *see* Bai, J.Z. 53324
Wang, M. *see* Yicheng Lu 49739
Wang, M.-J.J., Shiau-Chyi Chang, Chih-Ming Liu, Wen-Yen Wu A new edge detection method through template matching 95732
Wang, M.-X. *see* Qu, X.-X. 54943
Wang, M.C., Hwang, D.M., Lin, P.S.D., Dechiaro, L., Zah, C.E., Ovadia, S., Lee, T.P., Darby, D. Facet degradation of aged strained quantum-well lasers studied by high-voltage electron-beam-induced current 63805
Wang, M.C. *see* Chung-En Zah 63780
Wang, M.C. *see* Hwang, D.M. 61038
Wang, M.H. *see* Chang, H.P. 76581
Wang, M.M. *see* Benerofe, S.J. 54968
Wang, M.M. *see* Tonguz, O.K. 75327
Wang, M.M. *see* Zorzi, M. 86091
Wang, M.R., Lin, F. Design of achromatic holographic grating couplers for substrate and backplane optical interconnects 72659
Wang, M.S., Carriere, M., O'Sullivan, P., Maoz, B. A single-chip MMIC transceiver for 2.4 GHz spread spectrum communication 86223
Wang, M.W. *see* Collins, D.A. 55557
Wang, M.W. *see* Swenberg, J.F. 72633
Wang, N. *see* Aust, M.V. 80828
Wang, N. *see* Aust, M.V. 92589
Wang, N. *see* Minot, K. 86298
Wang, N. *see* Minot, K. 97171
Wang, N.L. *see* Martin, M.Z. 93330
Wang, P., Hogg, B.W., Chen, Z.Y. Real-time simulation algorithms of "generator-infinite busbar system" and transputer implementation 99433
Wang, P., Wojciechowski, E. New signal processing algorithms for communication waveform identification 84559
Wang, P. *see* Bai, J.Z. 53324
Wang, P. *see* Zhang, L. 94713
Wang, P.-H.P., McNamee, L.P. A graph-based signal flow direction assignment method for CMOS circuits 93651
Wang, P.-K., Krounbi, M., Heim, D.E., Lee, R. Sensitivity of orthogonal magnetoresistive heads 50340
Wang, P.J. *see* Horng-Chih Lin 81437
Wang, P.J. *see* Ueng, S.Y. 55819
Wang, P.J. *see* Xie, S.W. 50958
Wang, P.J. *see* Xie, S.W. 56868
Wang, P.L. *see* Bai, J.Z. 53324
Wang, P.P. *see* Tyan, C.-Y. 51634
Wang, P.S.P. 3D line-drawing image analysis and recognition 84862

Wang, P.S.P. 3D line image analysis—a heuristic parallel approach with learning and recognition 95772
Wang, P.W. *see* Hassenzahl, W.V. 82468
Wang, P.W. *see* Schultz, J.H. 89348
Wang, Q., Clarke, R.J. Estimation of general 2D motion using Fourier descriptors 51552
Wang, Q. *see* Bigloo, A.M.Y. 75205
Wang, Q. *see* Brox, M. 71656
Wang, Q. *see* Fair, I.J. 95154
Wang, Q.H., Bowser, M.I., Swanson, J.G. Thermal emission of charges at Si_3N_4-GaAs interfaces plasma pretreated with H_2, Ar, and $Ar+H_2$ 81384
Wang, Q.N. *see* Brubaker, R.M. 73073
Wang, Q.S., McDermott, D.B., Kou, C.S., Lin, A.T., Chu, K.R., Luhmann, N.C., Jr., Pretterebner, J. High-power second harmonic gyro-TWT amplifier 62123
Wang, Q.Z., Liu, Q.D., Ho, P.P., Walge, E.K., Alfano, R.R. High-resolution spectra of cross-phase modulation in optical fibers 94111
Wang, Q.Z., Liu, Q.D., Liu, D., Ho, P.P., Alfano, R.R. High-resolution spectra of self-phase modulation in optical fibers 72329
Wang, R., Cosentino, J., Knewtson, M., Cendes, Z. Finite element analysis and SPICE team up to model motor transient performance 89878
Wang, R., Furlani, E.P., Cendes, Z.J. Design and analysis of a permanent magnet axial coupling using 3D finite element field computations 82286
Wang, R., Harjani, R. Acoustic feedback cancellation in hearing aids 77076
Wang, R., Karmouch, A. A multimedia file structure for continuous and discrete media 96411
Wang, R. *see* Chakrabarti, S. 58200
Wang, R. *see* Jackson, M.S. 58260
Wang, R.F. *see* Wu, C.S. 92551
Wang, R.L., Hua, T.J., Wang, J., Fan, Y.J. Combination of FT and WT for fingerprint recognition 57832
Wang, R.L. *see* Perry, I.R. 63690
Wang, R.L. *see* Tsai, H.H. 81792
Wang, R.Y., Anderson, T.E. xFS: a wide area mass storage file system 96720
Wang, R.Y., Riskin, E.A., Ladner, R. Codebook organization to enhance maximum a posteriori detection of progressive transmission of vector quantized images over noisy channels 84995
Wang, R.Y. *see* Dahlin, M.D. 85298
Wang, S., Jones, N.B., Richardson, J.B., Klaassens, E. Automatic positioning of reference systems of radiographic images 98868
Wang, S., Liu, F., Maranowski, K.D., Kryder, M.N. Fabrication and performance of high moment laminated FeAlN thin film inductive recording heads 72128
Wang, S., Reid, A., McGill, C., Ikeda, R., Zent, G. Clutter suppression in range/Doppler map using wavelet filters 58472
Wang, S. *see* Miller, J.J.H. 62635
Wang, S. *see* Oda, T. 63053
Wang, S.-C., Duffy, A.P., Christopoulos, C. Characterization and modelling of electrically small systems to predict EMC performance in different environments 51143
Wang, S.-P. *see* Lee, W.-J. 60013
Wang, S.-Q. *see* Hoener, C.F. 70099
Wang, S.-T., Wahrer, R., Anet, F., Chen, C.J., Juang, Y.F., Dell'Orco, D., Scanlan, R., Taylor, C., Green, M.A., Slack, D., Ekin, J., Campana, N. A preliminary design for a one GHz NMR spectrometer magnet 82477
Wang, S.C., Dziura, T.G., Yang, Y.J. Surface emitting lasers for avionics applications 59504
Wang, S.C., Price, P.B. Etching characteristics of phosphate glass track detector 88198
Wang, S.C. *see* Pin Ho 55408
Wang, S.F. *see* Badr, N. 72900
Wang, S.H. *see* Ahn, J.H. 70559
Wang, S.I. *see* Holley, E.P. 78427
Wang, S.J., Provence, J.D. Branch-skipped pipelined microprocessor 70568
Wang, S.J., Wu, S.L., Chung, H.D., Carns, T.K., Zheng, X., Wang, K.L. A p-channel coupled delta-doped silicon MESFET grown by molecular beam epitaxy 62875
Wang, S.J. *see* Battiston, R. 53350
Wang, S.J. *see* Carns, T.K. 55729
Wang, S.L. *see* Heemskerk, R. 55947
Wang, S.L. *see* Yan, L.G. 90456
Wang, S.M. *see* Bai, J.Z. 53324
Wang, S.M. *see* Yang, B.J. 63557
Wang, S.P. *see* Lee, W.-J. 67981
Wang, S.Q. *see* Bai, J.Z. 53324
Wang, S.Q. *see* Jones, N.B. 51494
Wang, S.Q. *see* Sehmi, A.S. 53419
Wang, S.S., Magnusson, R. Design of waveguide-grating filters with symmetrical line shapes and low sidebands 63540
Wang, S.S., Silvester, J.A. A discrete-time performance model for integrated service ATM multiplexers 96135
Wang, S.S. *see* Han-Sheng Lee 66263
Wang, S.S. *see* Magnusson, R. 55365
Wang, S.S. *see* Magnusson, R. 72406
Wang, S.T., Wahrer, R., Chen, C.J., Tenforde, T.S., Scanlan, R.M., Ekin, J., Bray, S. Evaluation of Nb_3Sn superconductors for use in a 23.5 T NMR magnet 82325
Wang, S.T., Wahrer, R., Juang, Y.F., Chen, C.J., Su, M. Design and construction of a 9.38 T, 183 mm-bore NMR/MRI spectrometer magnet 88369
Wang, S.T., Wahrer, R., Su, M., Juang, Y.F., Anet, F., Chen, C.J., Jiang, H. Design and construction of a 5 T 1028 mm bore magnetic resonance imaging (MRI) magnet 83561
Wang, S.T. *see* Pourrahimi, S. 82478
Wang, S.Y., Thompson, P., Horsburgh, G., Mullins, J.T., Hauksson, I., Prior, K.A., Cavenett, B.C. A ZnSe/ZnCdSe quantum well symmetric self-electro-optic effect device operating in the blue-green region 63487
Wang, S.Y. *see* Houng, Y.M. 54914
Wang, S.Y. *see* Houng, Y.M. 56818
Wang, S.Y. *see* Ku, L.C. 82357
Wang, S.Y. *see* Mullins, J.T. 71302
Wang, S.Y. *see* Zhang, B.M. 59823
Wang, T., Cooper, R., Fitzgerald, D., Frankle, S., Hardek, T., Hutson, R., Macek, R., Ohmori, C., Plum, M., Thiessen, H., Wilkinson, C., Colton, E., Neuffer, D., Rees, G. Recent study of beam stability in the PSR 87918
Wang, T., Fadda, M., Martelli, S., Marcacci, M., Allotta, B., Natale, M.D., Dario, P. Force signal processing and control for surgical robot system 76877
Wang, T. *see* Hlynka, M. 69683
Wang, T.-S. *see* Hardek, T. 76493
Wang, T.-S.F. Synchrotron beam-loading stability with a higher RF harmonic 87804
Wang, T.C., Varshney, P.K. Measurement preprocessing approach for target tracking in a cluttered environment 58460
Wang, T.C., Varshney, P.K. A tracking algorithm of maneuvering targets 75556
Wang, T.C. *see* Wyczalek, F.A. 54199
Wang, T.F. *see* Goren, Y. 67092
Wang, T.G. *see* Grugel, R.N. 70106
Wang, T.H., Ciszek, T.F., Tsuo, Y.S., Alleman, J., Wu, X., Schwerdtfeger, C.R., Burrows, R.W. Liquid phase epitaxy for thin-layer silicon PV devices 90411
Wang, T.H. *see* Ciszek, T.F. 100614
Wang, T.H. *see* Ciszek, T.F. 100619
Wang, T.J. *see* Bai, J.Z. 53324
Wang, U., Vogel, P. Phase modulated microwave source based on Brillouin scattering 80545
Wang, V.S., Matyi, R.J., Nordheden, K.J. Triple-crystal X-ray diffraction analysis of reactive ion etched gallium arsenide 49903
Wang, W., Brown, B.H., Leathard, A.D., Lu, L. Noise equalization within EIT images 67584
Wang, W., Gupta, S.K. Weighted random robust path delay testing of synthesized multilevel circuits 49394
Wang, W., Ohtsu, M. Iodine absorption-line-stabilized frequency-tunable green light using sum-frequency generation of diode lasers 56756
Wang, W. *see* Ding, P.J. 81579
Wang, W. *see* Fetterman, H.R. 80651
Wang, W. *see* Li, Y. 82787
Wang, W. *see* Liao, K. 91640
Wang, W. *see* Shabestari, B.N. 87378
Wang, W. *see* Suo, Z. 93253
Wang, W.-S., Bhat, I. Use of germanium interfacial layer for the hetero-epitaxial growth of CdTe on Si substrates 61287
Wang, W.H., Wang, W.K. Silicide formation in Co/amorphous Si multilayers 81346
Wang, W.I. *see* Jimenez, J.L. 49799
Wang, W.I. *see* Li, L.K. 55727
Wang, W.I. *see* Li, X. 72598
Wang, W.I. *see* Wang, Y. 54888
Wang, W.J., Campbell, W.N., Iwahashi, N., Sagisaka, Y. Tree-based unit selection for English speech synthesis 73878
Wang, W.K. *see* Wang, W.H. 81346
Wang, W.M., Grattan, K.T.V., Palmer, A.W., Boyle, W.J.O. Self-mixing interference inside a single-mode diode laser for optical sensing applications 94463
Wang, W.T. *see* Duan, B.Y. 83850
Wang, W.W., Lee, T.-C., Rhea, K., Rubsam, D., Arachtingi, J., Popelka, J., Lauffenburger, J., Kwor, R. Very high density magneto-optical disk drive by using pulse erasure technology 56324
Wang, W.W., Tzuo-Chang Lee, Kwor, R.Y. Observation of ultra-thin ring domains in a TbFeCo magnetooptical medium 72162
Wang, X., Lu, P., Shen, D., Zue, W., Zhao, M. The mechanism of low temperature sintering PZT ceramics with additives of Li_2O-Bi_2O_3-CdO 54982
Wang, X., Shende, S.M., Sayood, K. Online compression of video sequences using adaptive VQ codebooks 57893
Wang, X. *see* Chang, Y. 64297
Wang, X. *see* Cline, D. 76545
Wang, X. *see* Fang, M. 51725
Wang, X. *see* Huang, B. 56126
Wang, X. *see* Lumpkin, A.H. 98460
Wang, X. *see* Lumpkin, A.N. 76436
Wang, X. *see* Ooi, B.T. 90112
Wang, X. *see* Sellyey, W. 76468
Wang, X.-S., Self, K.W., Weinberg, W.H. Growth mode of Ge on GaAs(100) 91496
Wang, X.D., Lecours, M. The effect of delay spread on a FH-FSK spread spectrum mobile radio system over frequency-selective fading channels 52425
Wang, X.F., Lei, X.L. Hot-electron mobility in laterally confined systems 71161
Wang, X.J., Batchelor, K., Ben-Zvi, I., Lynch, D., Sheehan, J., Woodle, M. Design and construction a full copper photocathode RF gun 76748
Wang, X.J., Malone, R., Batchelor, K., Ben-Zvi, I. Automatic emittance measurement at the ATF 76608
Wang, X.K. *see* Zhang, T.G. 94659
Wang, X.L., Chandramouli, V., Maziar, C.M., Tasch, A.F. An efficient multi-band Monte Carlo model with anisotropic impact ionization 62644
Wang, X.M. *see* Knauss, L.A. 93741
Wang, X.Q. *see* Rogers, J.D. 67180
Wang, X.Q. *see* Schaffer, G. 67132
Wang, X.W. *see* Bai, J.Z. 53324
Wang, X.X., Martoff, C.J., Kaczanowicz, E. Thin film GeAu bolometers for particle detection 53323
Wang, X.Y. *see* Chan, C.C. 54227
Wang, X.Y. *see* Chan, C.C. 90600
Wang, X.Z., Wessels, B.W. Electroluminescence from Er-doped GaP 72637
Wang, X.Z. *see* Lang, W. 63302
Wang, Y. Analog CMOS implementation of backward error propagation 61839
Wang, Y., Ball, M., Brabson, B., Budnick, J., Caussyn, D.D., Chao, A.W., Collins, J., Derenchuk, V., Dutt, S., East, G., Ellison, M., Friesel, D., Hamilton, B., Huang, H., Jones, W.P., Lee, S.Y., Li, D., Minty, M., Nagaitsev, S., Ng, K.y., Pei, X., Sloan, T., Syphers, M., Teng, L., Yan, Y.T., Zhang, P.L. Experimental results of the betatron sum resonance 66910
Wang, Y., Baruch, N., Wang, W.I., Cheney, M.E., Huang, C.I., Scherer, R.L. AlGaAs/Ge/GaAs heterostructures grown by molecular beam epitaxy 54888
Wang, Y., Bu, H., Lytle, T.E., Rabalais, J.W. Structure of Ge epilayers on Si{100} 91444
Wang, Y., Chou, S.Y., Melloch, M.R. Effects of bias and temperature on one-dimensional ballistic transport in a planar double-gate quantum wire transistor 81999
Wang, Y., Cruz, J.R. Adaptive antenna arrays for the reverse link of CDMA cellular communication systems 64996
Wang, Y., Griffiths, B.J., Wilkie, B.A., Silverwood, P.A., Norgate, P. Colored object inspection with n-tuple system 64794
Wang, Y., Hu, Y.Z., Irene, E.A. Electron cyclotron resonance plasma and thermal oxidation mechanisms of germanium 93208
Wang, Y., Joos, G., Jin, H. DC-side shunt active power filter for phase-controlled magnet-load power supplies 100274
Wang, Y., Lei, T. A new look at finite mixture models in medical image analysis 98867
Wang, Y., Xie, L., Hill, D.J., Middleton, R.H. Robust nonlinear controller design for transient stability enhancement of power systems 68139
Wang, Y., Zhou, R., Wen, C. New robust adaptive load-frequency control with system parametric uncertainties 53674
Wang, Y., Zhu, W., Mohler, R.R., Spee, R. Variable-structure control of flexible AC transmission systems 78054
Wang, Y. *see* Altwegg, L. 52592
Wang, Y. *see* Banks, H.T. 71879
Wang, Y. *see* Ellison, M. 66909
Wang, Y. *see* Hill, D.J. 89036
Wang, Y. *see* Jin, H. 64113
Wang, Y. *see* Li, D. 98409
Wang, Y. *see* Li, X. 72598
Wang, Y. *see* Liu, J.Y. 98399
Wang, Y. *see* Syphers, M.J. 66966
Wang, Y. *see* Tong, X. 71308
Wang, Y. *see* von Staa, F. 50219
Wang, Y. *see* Watanabe, K. 87648
Wang, Y.-D. *see* Byrne, J. 79003
Wang, Y.-L. *see* Lin, J.C. 67614
Wang, Y.C. *see* Lai, C. 61366
Wang, Y.F., Jih-Fang Wang On 3D model construction by fusing heterogeneous sensor data 95745
Wang, Y.F. *see* Ahlen, S. 98641
Wang, Y.H., Jung-Chi Chiang, Li, S.S., Pin Ho A GaAs/AlAs/AlGaAs and GaAs/AlGaAs stacked quantum well infrared photodetector for 3-5 and 8-14 μm detection 87183
Wang, Y.H., Rasmussen, T., Povlsen, J.H., Bjarklev, A., Lumholt, O., Pedersen, B., Rottwitt, K. Comments on "Detailed comparison of two approximate methods for the scalar wave equation for a rectangular optical waveguide" [and reply] 94921
Wang, Y.H. *see* Yarn, K.F. 82001
Wang, Y.J., Iwanczyk, J.S., Graham, W.R. Evaluation of HgI_2 detectors for lead detection in paint 88269

Wang, Y.J., Iwanczyk, J.S., Patt, B.E. New concepts for scintillator/HgI_2 gamma ray spectroscopy 88326
Wang, Y.J., Iwanczyk, J.S., Patt, B.E. New concepts for scintillator/HgI_2 gamma ray spectroscopy 98731
Wang, Y.J., Pierrat, L., Wang, L. Summation of harmonic currents produced by AC/DC static power converters with randomly fluctuating loads 68758
Wang, Y.J. *see* Huang, D. 72106
Wang, Y.L. *see* Harriott, L.R. 91455
Wang, Y.L. *see* Toyama, S. 66792
Wang, Y.M. *see* Chew, W.C. 51061
Wang, Y.Q., Kline, R.A. Ray tracing in isotropic and anisotropic materials: application to tomographic image reconstruction 59619
Wang, Y.Q. *see* Hu, Y.Z. 93209
Wang, Y.Q. *see* Kline, R.A. 91656
Wang, Y.T. *see* Pati, Y.C. 71482
Wang, Y.Y. *see* Bai, J.Z. 53324
Wang, Y.Y. *see* Shan, Y.Y. 81226
Wang, Y.Y. *see* Shang, E.C. 57614
Wang, Y.Y. *see* Wu, N.E. 69631
Wang, Z., Cheeke, J.D.N., Jen, C.K. Sensitivity analysis for Love mode acoustic gravimetric sensors 56189
Wang, Z., Crowcroft, J. Analysis of burstiness and jitter in multimedia communications 74830
Wang, Z., Darby, D.B., Whitney, P., Panock, R., Flanders, D. High speed, ultralow noise, tensile strained InGaAlAs MQW lasers emitting at 1300 nm for optical communication and microwave applications 83053
Wang, Z., Director, S.W. An efficient yield optimization method using a two step linear approximation of circuit performance 50061
Wang, Z., Durhuus, T., Mikkelsen, B., Stubkjaer, K.E. Distributed feedback laser amplifiers combining the functions of amplifiers and channel filters 50762
Wang, Z., Hanson, J.V. Code-excited neural vector quantization 73807
Wang, Z., Jen, C.K., Cheeke, J.D.N. Mass sensitivity of two-layer shear horizontal plate wave sensors 53554
Wang, Z., Jen, C.K., Cheeke, J.D.N. Mass sensitivities of shear horizontal waves in three-layer plate sensors 58712
Wang, Z., Jen, C.K., Cheeke, J.D.N. Mass sensitivity analysis for planar acoustic sensors by the perturbation method 99317
Wang, Z., Jin, D., Li, Z. Single-chip realization of a fuzzy logic controller with neural network structure (NNFLC) 49259
Wang, Z., Mirchandani, G., Pegram, R.B., III Automatic transfer from C to flowgraph for multiprocessor DSP implementation 84225
Wang, Z. *see* Hagan, D.J. 83321
Wang, Z. *see* Viens, M. 98322
Wang, Z. *see* Zheng, J.C. 99733
Wang, Z.G. *see* Mayinger, F. 79407
Wang, Z.H. *see* Bai, J.Z. 53324
Wang, Z.H. *see* Meunier, J.P. 82560
Wang, Z.J. *see* Bai, J.Z. 53324
Wang, Z.K. *see* Lin, L.Z. 94024
Wang, Z.K. *see* Yan, L.G. 90456
Wang, Z.L., Bentley, J., Clausing, R.E., Heatherly, L., Horton, L.L. Direct correlation of microtwin distribution with growth face morphology of CVD diamond films by a novel TEM technique 79935
Wang, Z.Q., Cartwright, C.M., Gillespie, W.A. Real-time intensity correlation with a synthetic discriminant function filter 82795
Wang, Z.Q. *see* Qian, Z.L. 62404
Wang, Z.Q. *see* Wang, Z.S. 75619
Wang, Z.S., Wang, Z.Q., Xu, J. The effect of orientation of circular orbiting space-borne SAR on image reconstruction 75619
Wang Aihua *see* Aihua Wang
Wang Anbo *see* Anbo Wang
Wang Baiping iRmx for Windows operating system and its application in power system automation 99543
Wang Baofa, Liu Tiejun The electromagnetic scattering analysis and simulation of complex aircraft targets 99065
Wang Ben *see* He Fengcheng 75994
Wang Biao, Zhou Baoqing, Bai Linxian Development of broad-band finline integrated circuit mixers at 4 mm 80760
Wang Bin *see* Bin Wang
Wang Bing *see* Bing Wang
Wang Bing-Zhong *see* Bing-Zhong Wang
Wang Bingda *see* Bingda Wang
Wang Bor-Jenq *see* Bor-Jenq Wang
Wang Bor-Min *see* Bor-Min Wang
Wang Chaijie *see* Mao Jicheng 85650
Wang Chang-Jia *see* Chang-Jia Wang
Wang Changbiao *see* Changbiao Wang
Wang Changheng *see* Du Quangang 70011
Wang Changjiang, Tan Guojun, Wang Nanyan High performance speed-sensor-less AC drive system for induction motor 100832
Wang Chao *see* Chao Wang
Wang Chao-Ming *see* Chao-Ming Wang
Wang Chen-Chia *see* Chen-Chia Wang
Wang Cheng *see* Cheng Wang
Wang Cheng-Hao *see* Cheng-Hao Wang
Wang Chengshan *see* Dai Hongwei 99616
Wang Chengshan *see* Yu Yixin 89120
Wang Chengxun *see* Xu Shouyi 60930
Wang Chi-Hsiang *see* Chi-Hsiang Wang
Wang Chi-Luen *see* Chi-Luen Wang
Wang Chia-Chi *see* Chia-Chi Wang
Wang Chia-Jiu *see* Chia-Jiu Wang
Wang Chia-Li *see* Chia-Li Wang
Wang Chin-Liang *see* Chin-Liang Wang
Wang Chinlee *see* Chinlee Wang
Wang Chuan *see* Fan Yanhe 85259
Wang Chuanming *see* Chuanming Wang
Wang Chun *see* Chun Wang
Wang Chun-Gang *see* Wang Xiao-Hui 58976
Wang Chun-Xi *see* Chun-Xi Wang
Wang Da Yu *see* Da Yu Wang
Wang Daguang *see* Yan Qingmeng 99575
Wang Dah-Jyuu *see* Dah-Jyuu Wang
Wang Dawen *see* Dawen Wang
Wang Dazhong, Ma Changwen China plans first 200 MW district heating reactor 99904
Wang Dazhong, Zheng Wenxiang Nuclear heating reactor, an advanced and passive reactor 89537
Wang De-Jung *see* Wang Zai-Xing 96899
Wang De-Jung *see* De-Jung Wang
Wang Dehuang *see* Wang Weili 73083
Wang Dejun *see* Hui Guanghui 85955
Wang Dejun *see* Tian Wenshun 85956
Wang Dejung *see* Bai Ming 96898
Wang Demin *see* Wang Qinglin 85096
Wang Demin *see* Demin Wang
Wang Derong *see* Hao Zhaoyin 61232
Wang Dingyi, Wu Yonggang Automatic generation control for Gezhouba Erjiang Hydropower Plant 89732
Wang Dong-Xue *see* Dong-Xue Wang
Wang Duanyi, Yue Guangxin A simplified multistage decoding method using threshold technique for multilevel coding 95142
Wang Duen-Jeng *see* Duen-Jeng Wang
Wang Duoyuan *see* Duoyuan Wang
Wang Euzhi, Xu Jianyuan, Lin Xin Interrupting characteristics analysis of puffer type circuit breaker 90249
Wang Faji, Fang Lihua, Ye Qing, Yang Zhisheng, Jing Lihua, He Zhili Digital fiber optic remote gauging system of tank with temperature compensation 52921
Wang Fangzong, Chen Deshu A new method for power system transient stability on-line simulation 77832
Wang Fangzong, Chen Deshu, He Yangzan An integrated method for transient security assessment of power systems 99554
Wang Feng-Jian *see* Feng-Jian Wang
Wang Fengzhen *see* Fengzhen Wang
Wang Fu-Quan *see* Fu-Quan Wang
Wang Fuhua *see* Fuhua Wang
Wang Gang *see* Mu Gang 99430
Wang Gang *see* Wang Yi 99574
Wang Gaofeng *see* Gaofeng Wang
Wang Guan-Wu *see* Guan-Wu Wang
Wang Guan-Zong *see* Guan-Zong Wang
Wang Guang-Sheng *see* Guang-Sheng Wang
Wang Guangchang *see* Xiong Xuming 72689
Wang Guangsheng, Hu Zhaoguang, Wang Pingyang Decision support system for thermal power plant siting (SDSS) 99919
Wang GuangXing *see* Zhang ZhenChuan 96960
Wang Guangxue Analysis of zero-sequence current compensation coefficient for ground-fault distance protection in power system 53807
Wang Guangyi A topological method for analysing RC-nullor networks and the direct generation of an indefinite admittance matrix 80430
Wang Gug Lee *see* Kyeong Hoon Do 74397
Wang Gui-Song *see* Zhu Ben-Ren 69844
Wang Guide *see* Li Xingyuan 77938
Wang Guifang *see* Guifang Wang
Wang Guiling, Liu Yuyan, Wei Zengquan Determination of Bragg peak location for heavy charged particles with CR-39 solid track detectors 98650
Wang Guo-Ping *see* Chen Qi-Rui 50966
Wang Guoliang *see* Dong Youmei 81802
Wang Guoliang *see* Mao Huishun 98593
Wang Guolin *see* Guolin Wang
Wang Gwo-En *see* Gwo-En Wang
Wang Hai-Ping *see* Jin Si-Xuan 81793
Wang Haigeng *see* Haigeng Wang
Wang Haihong *see* Haihong Wang
Wang Haiming *see* Haiming Wang
Wang Haixian *see* Wu Jintong 53607
Wang Haiyun *see* Haiyun Wang
Wang Han-Chung *see* Han-Chung Wang
Wang Hao, Zou Jiyan, Cheng Zhongyuan, Cheng Lichun Plasma diagnostics in a metal vapor vacuum arc ion source 53282
Wang Hao *see* Sun Xiaowei 56847
Wang Haojin *see* Haojin Wang
Wang Heng-Yi *see* Heng-Yi Wang
Wang Hong *see* Hong Wang
Wang Hong Xiang *see* Hong Xiang Wang
Wang Honghua, Sun Yukun, Ren Zhaoxiang, Yuan Aiping Design of a microcontroller based switched reluctance motor drive system 100803
Wang Hongli, Zhang Weipo, Wu Weihan Calculation of transient parameters and overvoltages in cable/GIS power systems 99442
Wang Hongyan *see* Zhang Zongcheng 80397
Wang Hongyuan *see* Zhao Zhentang 92872
Wang Hongzhang *see* Yang Yihong 53392
Wang Houwen A 90° nondispersive two-magnet deflecting system 59036
Wang Hsiao-Chuan *see* Hsiao-Chuan Wang
Wang Hsiao-Cruan *see* Hsiao-Cruan Wang
Wang Hsin-Min *see* Hsin-Min Wang
Wang Hua *see* Hua Wang
Wang Huafu *see* Huafu Wang
Wang Huanquan, Guo Xiuming The optical dual-loop communication network of the Wanan hydropower station control system 99969
Wang Huei *see* Huei Wang
Wang Huey-Min *see* Huey-Min Wang
Wang Huey-Yih *see* Huey-Yih Wang
Wang Hui Min *see* Hui Min Wang
Wang Huijiong Technology innovation and enterprise management, and a case study in China 69483
Wang Huiqiang Interworkstation Reference: a new approach to LAN application development 74999
Wang Hwa-Chi *see* Hwa-Chi Wang
Wang Jen-Chuan *see* Jen-Chuan Wang
Wang Jhing-Fa *see* Jhing-Fa Wang
Wang Ji *see* Ji Wang
Wang Jia-Perng *see* Jia-Perng Wang
Wang Jia-Shang *see* Jia-Shang Wang
Wang Jiahong *see* Deng Youman 99540
Wang Jiamin *see* Li Guangyou 89892
Wang Jian Ping *see* Jian Ping Wang
Wang Jian-Li *see* Jian-Li Wang
Wang Jianbao *see* Jianbao Wang
Wang Jiandong *see* Hong Yi 61856
Wang Jianfang *see* Jianfang Wang
Wang Jianglin *see* Jianglin Wang
Wang Jiangzhou *see* Jiangzhou Wang
Wang Jianhua *see* Luo Yi 72851
Wang Jianli *see* Fan Yanhe 85259
Wang Jianmin, Cao Liping Experimental research for subcooled boiling mixing between subchannels in a bundle 99876
Wang Jiannong *see* Jiannong Wang
Wang Jianping *see* Jianping Wang
Wang Jianqi, Zhang Boming A composite automatic generation control 99539
Wang Jianqing *see* Jianqing Wang
Wang Jianwe *see* Jianwe Wang
Wang Jianwei *see* Jianwei Wang
Wang Jianwu *see* Hu Baoxin 77584
Wang Jianxiang *see* Jianxiang Wang
Wang Jiaxian *see* Zeng Jinchuan 72561
Wang Jiaxin *see* Jiaxin Wang
Wang Jiazhu Major problems with the design of Three Gorges [hydroelectric power station] 78502
Wang Jie *see* Jie Wang
Wang Jih-Fang *see* Jih-Fang Wang
Wang Jin *see* Jin Wang
Wang Jin-Cheng *see* Jin-Cheng Wang
Wang Jin-Shui *see* Liu Wei-Zhong 60379
Wang Jing, Li Ning, Wang Shigeng, Zhang Yihuang Computer application in design of large hydrogenerator 89724
Wang Jinggong *see* Luo Yuanyu 53699
Wang Jingyi *see* Jingyi Wang
Wang Jinkuan *see* Jinkuan Wang
Wang Jinn-Der *see* Jinn-Der Wang
Wang Jinqi *see* Jinqi Wang
Wang Jinxue *see* Jinxue Wang
Wang Jirong *see* Pei Zhongdi 68057
Wang Jiwen *see* Jiwen Wang
Wang Jiyang *see* Jiyang Wang
Wang Jizhong *see* Fang Qiwan 57032
Wang Jun *see* Jun Wang
Wang Junping *see* Wang Peiqing 81851
Wang Jyh-Herng *see* Jyh-Herng Wang
Wang Jyh-Ming *see* Jyh-Ming Wang
Wang Jyhpyng *see* Jyhpyng Wang
Wang Kaiming, Wu Weiling Viterbi hardware implementation for GSM 97099
Wang Ke-Ming *see* Ke-Ming Wang
Wang Kemei *see* Kemei Wang
Wang Keyu *see* Sun Yi 85626
Wang Keyu *see* Sun Yi 85627
Wang Kim An analysis of transient characteristics on grounding systems in the radio relay station 96977
Wang Kuansan *see* Kuansan Wang
Wang Kung *see* Kung Wang
Wang Kuo Hua *see* Kuo Hua Wang
Wang Kuo-Hua *see* Kuo-Hua Wang
Wang Kuochen *see* Kuochen Wang
Wang Kuoping *see* Kuoping Wang
Wang Lahu *see* Lahu Wang
Wang Lan-Ping *see* Jin Si-Xuan 81793
Wang Li *see* Wu Shilin 96252
Wang Li *see* Li Wang
Wang Li-Qiong *see* Li-Qiong Wang
Wang Liang *see* Liang Wang
Wang Ligang *see* Zhu Shouzhen 99440
Wang Limei, Fu Qiang, Guo Qingding Study of steady-state characteristics simulation of variable-reluctance stepping motor 100172
Wang Limei *see* Guo Qingding 100811
Wang Lin *see* Lin Wang
Wang Ling *see* Yan Qingmeng 99575
Wang Linghui *see* Pei Zhongdi 68057
Wang Liwen *see* Shao Yali 100078
Wang Liyan *see* Wang Shoujue 92450

Wang Meiyi, Xie Baoyan, Yang Qixun The organization and management of EHV substation information 54126
Wang Min *see* Min Wang
Wang Min-Wen *see* Min-Wen Wang
Wang Mingchang The new progress of free electron lasers 83194
Wang Minghua *see* Feng Hao 72372
Wang Mingji *see* Wang Yunshan 57030
Wang Mingjun *see* Fu Shuti 89113
Wang Mingxin, Zeng Nanchao Fault analysis for Ge-Nan HVDC link in 1992 53735
Wang Mingxin *see* Zeng Nanchao 53729
Wang Mingxin *see* Mingxin Wang
Wang Minsheng *see* Yang Jun 97418
Wang Muzhong *see* Muzhong Wang
Wang Na-Xin *see* Na-Xin Wang
Wang Nan Lei *see* Nan Lei Wang
Wang Nanyan *see* Wang Changjiang 100832
Wang Nien Ming *see* Nien Ming Wang
Wang Ning *see* Ning Wang
Wang Peilu *see* Zheng Sixiao 87947
Wang Peilu *see* Peilu Wang
Wang Peiming *see* Xu Ning 54942
Wang Peiqing, Chen Yongqi, Zhang Bin, Wang Junping, Wang Xiaobin Improvement of some dynamic parameters of fast switching thyristor 81851
Wang Peng-Ye *see* Peng-Ye Wang
Wang Pi-Chieh *see* Pi-Chieh Wang
Wang Ping, Duan Shangshu, Zhao Xinmin, Guo Zhenqin Research on the dynamic test method for force-balance accelerometers (FBAs) with electric stimulation. I. Errors analysis of current-source type FBAs 97918
Wang Ping, Zhao Xinmin, Duan Shangshu, Guo Zhenqin On modelling the dynamic non-linearity of force-balance accelerometers (FBAs) 97951
Wang Ping, Zhao Yushan An investigation of fully balanced OTA-C continuous-time filter 61791
Wang Ping *see* Zhu Yongsheng 76392
Wang Ping-Tsung *see* Ping-Tsung Wang
Wang Ping-Yan *see* Ping-Yan Wang
Wang Pingshan *see* Pingshan Wang
Wang Pingyang *see* Hu Zhaoguang 53711
Wang Pingyang *see* Wang Guangsheng 99919
Wang Qi-Ping *see* Hu Wan-Ping 90244
Wang Qiang *see* Qiang Wang
Wang Qing *see* Qing Wang
Wang Qing-Yuan *see* Qing-Yuan Wang
Wang Qinglin, Yang Fulin, Wang Demin A class of morphological band-pass filters and its property analysis 85096
Wang Qingpu *see* Qingpu Wang
Wang Qingyuan *see* Qingyuan Wang
Wang Qinhua *see* Qinhua Wang
Wang Qinyuan *see* Qinyuan Wang
Wang Qinyue Femtosecond laser techniques and relative subjects 83416
Wang Qiping *see* Qiping Wang
Wang Qizhi *see* Qiu Daxiong 69028
Wang Qun *see* Liu Wei 82256
Wang Rei-Chang *see* Rei-Chang Wang
Wang Ren Ming *see* Ren Ming Wang
Wang Ren-Yuh *see* Ren-Yuh Wang
Wang Renzhou *see* Chang Xianrong 89905
Wang Rong-Tyh *see* Rong-Tyh Wang
Wang Ronghua *see* Ronghua Wang
Wang Ruey-Jen *see* Ruey-Jen Wang
Wang Ruibo *see* Ruibo Wang
Wang Run-Wen *see* Run-Wen Wang
Wang Runwen, Ye Cao Optical conformal transformation 83391
Wang Ruo-Peng *see* Ruo-Peng Wang
Wang Ruwen, Zhang Hang Analysis of modulation function of switch matrix of power converters by using high frequency chopping techniques 100232
Wang Ruzhang, Sun Lin Safety and technique of hot washing 78169
Wang Shang-Hua *see* Shang-Hua Wang
Wang Shaojun *see* Xia Qing 78026
Wang Shaolin, Zheng Xiaosong Hough transform: it's application to the linearly moving point targets detection 96119
Wang Shaolin *see* Zheng Xiaosong 85097
Wang Shaoqing, Lin Weigan A synchronized oscillation system with N oscillators mutually injection-locked 91943
Wang Shen-Ge *see* Shen-Ge Wang
Wang Sheng Wu Development of fiber optic gyro at Shanghai Precision Instrument Institute 76043
Wang Sheng-Ping *see* Sheng-Ping Wang
Wang Shengqi, Tian Lifeng, Liu Zhengjin The OS/2 based ScadaNet distributed system 97817
Wang Shi-Cheng *see* Shi-Cheng Wang
Wang Shi-Liang *see* Shi-Liang Wang
Wang Shigeng *see* Wang Jing 89724
Wang Shih-Jen *see* Shih-Jen Wang
Wang Shih-Ming *see* Shih-Ming Wang
Wang Shikui *see* Shikui Wang
Wang Shingmin *see* Shingmin Wang
Wang Shiuh-Luen *see* Shiuh-Luen Wang
Wang Shiying *see* Zhu Mingzhe 68116
Wang Shou-Lui *see* Yang Sheng-Hua 60463
Wang Shoujue, Wang Liyan, Wei Yun, Lu Huaxiang A general purpose neuro processor with digital-analog processing 92450
Wang Shu-Min *see* Shu-Min Wang
Wang Shuenn-Shyang *see* Shuenn-Shyang Wang
Wang Shui Jinn *see* Shui Jinn Wang
Wang Shuicai, Tang Jianming, Li Hao, Xiao Dong, Hou Xun Dynamic study on self-modelocked Ti:sapphire femtosecond lasers 72770
Wang Shuicai *see* Shuicai Wang
Wang Shumin *see* Yang Zhijian 50853
Wang Shuxun *see* Liang Yingchang 73949
Wang Shuying, Wu Shanpei Hidden Markov model with noise-adaptive codebook for noisy speech recognition 84173
Wang Shwu-Fen *see* Shwu-Fen Wang
Wang Shyh-Chyang *see* Shyh-Chyang Wang
Wang Song-Feng *see* Song-Feng Wang
Wang Songling *see* An Liansuo 53085
Wang Sujane *see* Sujane Wang
Wang Suk-Hee *see* Suk-Hee Wang
Wang Sying-Jyan *see* Sying-Jyan Wang
Wang Tahui *see* Tahui Wang
Wang Tai-Ching *see* Tai-Ching Wang
Wang Taijie *see* Taijie Wang
Wang Tang, McClintock, R.L. Terrain correlation suitability 77790
Wang Tao, He Zhijun, Yu Ruizhao Reconstructing binary textured images by mean field technique 74265
Wang Tao *see* Tao Wang
Wang Tien-Ko *see* Tien-Ko Wang
Wang Ting *see* Ting Wang
Wang Tong *see* Tong Wang
Wang Tongqing *see* Tongqing Wang
Wang Tsili *see* Tsili Wang
Wang Way-Seen *see* Way-Seen Wang
Wang Wei An adaptive tracking algorithm for bistatic radar system with an independent receiver 86556
Wang Wei, He Lixing The location method and accuracy analysis for bistatic systems 87543
Wang Wei, Zhang Guanghui, Cai Dejun, Wan Faguan A novel hybrid coding scheme based on wavelet transform 85197
Wang Wei *see* Zhang Guanghui 84474
Wang Wei *see* Wei Wang
Wang Wei-Chun *see* Wei-Chun Wang
Wang Wei-Jer *see* Wei-Jer Wang
Wang Wei-Ming *see* Wei-Ming Wang
Wang Weidong *see* Weidong Wang
Wang Weiguo *see* Mu Gang 89187
Wang Weijian, Liu Junhong, Meng Ninghai Calculation analysis for domestic differential protection of large generators 78548
Wang Weijian *see* Liu Junhong 78498
Wang Weijian *see* Weijian Wang
Wang Weili, Wang Dehuang, Zheng Yinjun $KNbO_3$:Fe temperature dependence of two-wave coupling 73083
Wang Weiran *see* Wang Yifei 82814
Wang Weiyuan *see* Weiyuan Wang
Wang Wen-Der *see* Wen-Der Wang
Wang Wen-Sheng *see* Wen-Sheng Wang
Wang Wen-Sing *see* Wen-Sing Wang
Wang Wen-Yi *see* Ding Zhen-Liang 58614
Wang Wenbiao *see* Wenbiao Wang
Wang Wenbing *see* Fang Guangyou 94784
Wang Wenbing *see* Yin Wenyan 61864
Wang Wenbing *see* Yin Wenyan 64186
Wang Wenbing *see* Yin Wenyan 73518
Wang Wenbo *see* Bai Ming 96898
Wang Wencheng *see* Wencheng Wang
Wang Wengbing *see* Yin Wenyan 73254
Wang Wenhong, Zhang Defu An efficient method for mapping loop algorithms to systolic arrays 91805
Wang Wenlong *see* Wenlong Wang
Wang Wenlu *see* Wenlu Wang
Wang Wenshen *see* Wenshen Wang
Wang Wern-Jun *see* Wern-Jun Wang
Wang Winxiang *see* Guo Yue 80329
Wang Xia Hong *see* Xia Hong Wang
Wang Xian-Shan *see* Xian-Shan Wang
Wang Xiang *see* Li Guoqing 89116
Wang Xiang-Zhao *see* Xiang-Zhao Wang
Wang Xiangheng, Li Fahai Space harmonics in salient-pole synchronous machine and corresponding mathematic models 89903
Wang Xiangheng *see* Li Chongjian 89913
Wang Xiangheng *see* Li Yaohua 100087
Wang Xiangwu, Lu Chunyi, Zhao Zhongyong Improved two-step way for growing double-layer, heter-type Si epitaxial structure 79812
Wang Xiangyong *see* Xiangyong Wang
Wang Xiangzhao *see* Xiangzhao Wang
Wang Xiao *see* Xiao Wang
Wang Xiao Feng *see* Xiao Feng Wang
Wang Xiao-Fang *see* Xu Zhi-Zhan 82890
Wang Xiao-Hui, Wang Chun-Gang, Yuan Zhe-Jun, Zhang Guang-Yu, Wu Qi Workpiece form accuracy in-process measurement and control system—a discussion on key parts and preliminary experiment 58976
Wang Xiaobin *see* Wang Peiqing 81851
Wang Xiaodong Chinese digital speech recognition using neural network 51410
Wang Xiaohong, Zhou Xiaoxin The user-defined modelling method and application to a small disturbance subsynchronous oscillation analyses 53593
Wang Xiaolin *see* Xiaolin Wang
Wang Xifan *see* Xifan Wang
Wang Xin-Mei *see* Xin-Mei Wang
Wang Xin-yun, Kong MingQi, Li JingFeng Embedded ADPCM for variable bit rate coding in ATM 84170
Wang Xinfeng *see* Zhu Mingzhe 68116
Wang Xinggong *see* Zhang Jian 88589
Wang Xinglong *see* Xinglong Wang
Wang Xinhui *see* Chen Lianxiang 98857
Wang Xinmei, Li Yuanxing, Wu Chuankun Modification of McEliece's public-key cryptosystem 73601
Wang Xiuli *see* Xiuli Wang
Wang Xiulong *see* Zhang Qinghai 67203
Wang Xiwei *see* Hou Yiming 53616
Wang Xu, Haung Zhaoming, Zhu Hongwei, Yan, F. Theoretical and experimental studies of metal-clad planar waveguide polarizer and on-line single-mode fiber polarizer 72382
Wang Xudong *see* Xudong Wang
Wang Xue-Chuan *see* Huang Qi-Bai 59002
Wang Xue-Lun *see* Xue-Lun Wang
Wang Xuemei *see* Shen Dingyu 87769
Wang Xun *see* Gong Dawei 75995
Wang Xun *see* Xun Wang
Wang Yan, Feng Yong, Xu Dianguo Control of a high performance variable reluctance motor using microcomputer 89914
Wang Yan *see* Shu Huaying 85257
Wang Yan *see* Yan Wang
Wang Yan Dan *see* Yan Dan Wang
Wang Yan-Chun *see* Yan-Chun Wang
Wang Yanchun, Ni Yixin, Yang Jian, Yuan Bentao, Cui Yongxin, Li Qingzhen Automatic load regulation system of heat and power plant based on microcomputer local area network 60083
Wang Yang *see* Yang Wang
Wang Yangyuan, Xi Xuemei, Gan Xuewen, Cheng Yuhua, Li Yingxue TFSOI/CMOS ICs simulation using SPICE 82081
Wang Yangyuan *see* Liu Xiaowei 81383
Wang Yangyuan *see* Yangyuan Wang
Wang Yanjie *see* Yanjie Wang
Wang Yanping *see* Luo Yingli 89740
Wang Yanping *see* Luo Yingli 89741
Wang Yanyun *see* Yanyun Wang
Wang Yao *see* Yao Wang
Wang Yao-Ting *see* Yao-Ting Wang
Wang Yao-Tzung *see* Yao-Tzung Wang
Wang Yaolin, Xu Yigang, Chen Feng, Hu Xinsong A new silicon unitized micro-acceleration sensor 97946
Wang Yaoming *see* Yaoming Wang
Wang Yaoyu *see* Yu Yixin 89114
Wang Yaqin *see* Li Wenyan 53916
Wang Yaujen *see* Yaujen Wang
Wang Yen-Chu *see* Yen-Chu Wang
Wang Yeong-cheng *see* Yeong-cheng Wang
Wang Yeong-Her *see* Yeong-Her Wang
Wang Yi, Wang Gang Calculation and analysis of frequency dynamics for power system in asynchronous state 99574
Wang Yi *see* Fang Zhenhe 76044
Wang Yi *see* Fang Zhenhe 77140
Wang Yi *see* Zhou Weiming 94294
Wang Yi-Min *see* Yi-Min Wang
Wang Yi-Qiu *see* Yi-Qiu Wang
Wang Yi-Zhong *see* Yi-Zhong Wang
Wang Yibing, Tian Qian, Zhang Enyao Influence of light intensity on measurement accuracy of laser diode multiplexing optical fiber displacement sensor 58818
Wang Yifang *see* Ye Feng 59017
Wang Yifei, Zhao Jiansen, Wang Weiran Operation mode analyses of laser scanning imaging systems 82814
Wang Yih-Ru *see* Yih-Ru Wang
Wang Yin-Lai *see* Yin-Lai Wang
Wang Yinfong *see* Yinfong Wang
Wang Ying-ngai *see* Ying-ngai Wang
Wang Yingmin *see* Zhang Guoqiang 62317
Wang Yingmin *see* Zhang Guoqiang 93428
Wang Yizhong *see* Yizhong Wang
Wang Yong *see* Song Yanrong 72319
Wang Yongji, Xu Guiying, Tu Jian, Chen Jie The neural network intelligent synchronization control of hydraulic turbine generator set 78486
Wang Yongqiang *see* Ma Weixin 89051
Wang Yongqing, Luo Jingyu The application and potential market of low temperature district heating reactor 99870
Wang Young Doo *see* Young Doo Wang
Wang Youyi *see* Youyi Wang
Wang Yu *see* Yu Wang
Wang Yu-Long *see* Yu-Long Wang
Wang Yuanmei *see* Yuanmei Wang
Wang Yuanxun *see* Fan Desen 64052
Wang Yuanxun *see* Yuanxun Wang
Wang YueXian *see* Zhang ZhenChuan 96960
Wang Yumin *see* Ma Jianfeng 95141
Wang Yun-che *see* Yun-che Wang
Wang Yung, Wu Lide The posterior mean method of image restoring and edge extracting 64615
Wang Yung-Shan *see* Yung-Shan Wang

Wang Yunshan, Liu Yehou, Wang Mingji, Fu Shiyou A laser speckle method to measure small displacement in water 57030
Wang YunYi *see* YunYi Wang
Wang Yuxiao *see* Yuxiao Wang
Wang Yuzhang *see* Qu Shuzeng 89885
Wang Ywiao *see* Ywiao Wang
Wang Zai-Xing, Wang De-Jung, Bai Ming A DCME frame structure 96899
Wang Zanming *see* Zanming Wang
Wang Zeyi *see* Wu Qiming 80036
Wang Zeyi *see* Yuan Yanhong 80040
Wang Zezhong *see* Zezhong Wang
Wang Zhan-Guo *see* Guang-Bao, R. 92941
Wang Zhangqi, Sun Min, Cheng Lichun Computer simulation and tests on pressure and temperature of arcing in SF_6-SBCB 90250
Wang Zhangqi *see* Cheng Lichun 60376
Wang Zhanguo *see* Li Ruigang 80413
Wang Zhao-hui *see* Zhao-hui Wang
Wang Zhaoan *see* Liu Jinjun 99606
Wang Zhaoan *see* Pei Yunqing 100812
Wang Zhaoan *see* Yang Jun 92372
Wang Zhen-chao *see* Zhen-chao Wang
Wang Zheng, Zhang Yinping, Liang Xingang, Ge Xinshi Long/short hot-probe method for determining thermophysical properties 76238
Wang Zheng *see* Zheng Wang
Wang Zheng-Ming The two-step etch contour for high voltage and isolation grids in plane-junction devices 81801
Wang Zheng-Shi *see* Wu Yi-Liang 80111
Wang ZhengMin *see* ZhengMin Wang
Wang Zhengou *see* Zhengou Wang
Wang Zhengyuan *see* Zhao Shangi 81852
Wang Zhenxi *see* Zhenxi Wang
Wang Zhi-Gong *see* Zhi-Gong Wang
Wang Zhi-Liang *see* Zhi-Liang Wang
Wang Zhi-Zhong *see* Zhi-Zhong Wang
Wang Zhibi *see* Zhibi Wang
Wang Zhicheng *see* Zhicheng Wang
Wang Zhihua *see* Zhihua Wang
Wang Zhijiang *see* Zhou Fuzheng 83029
Wang Zhiliang, Chen Mingze, Xie Yuting One-piece GAL pulse divider for stepping motor 100171
Wang Zhiming *see* Mu Gang 89187
Wang Zhiwei *see* Zhiwei Wang
Wang Zhong-he *see* Zhong-he Wang
Wang Zhong-lie *see* Zhong-lie Wang
Wang Zhongde *see* Zhongde Wang
Wang Zhonghong *see* Mu Gang 53997
Wang Zhonghong *see* Zhonghong Wang
Wang Zhongmin *see* Zhongmin Wang
Wang Zhongtuo *see* Zhongtuo Wang
Wang Zhongyang, Chen Zuliang, Liu Yajian, Zhang Yuehong, Chen Zulin, Shi Jianqing, Fu Jianxin, Yin Nanyong Electron-beam irradiation technology for decreasing the h_{FE} value of transistors 93295
Wang Zhuding, Zhou Feng, Feng Qishan, Tang Hong, Pu Xinmao An analytical method for solving reactive optimization in power systems 99557
Wang Zi-Qin *see* Zi-Qin Wang
Wang Zuoying *see* Wu Jun 95348
Wang Zuoying *see* Zuoying Wang
Wang-Dauh Tseng *see* Kuochen Wang 80256
Wang-Hong *see* Yang-Xingwei 77694
Wang-Long Zhou, Sasaki, T., Nakai, S. Single-longitudinal-mode operation and larger energy diffusion due to intracavity second harmonic generation in a Nd:YVO_4 microchip laser 63740
Wang-Sup Kim, Seok-Jin Yoon, Kyung-Yong Kim Effects of sintering conditions of sintered Ni-Zn ferrites on properties of electromagnetic wave absorber 50252
Wang-Yuel Cheng *see* Tyson Lin 50745
Wangensteen, T. *see* Abou-Elfotouh, F.A. 90393
Wanghai Yang *see* Yang Wanghai
Wangler, R.J. *see* Olson, R.A. 52649
Wangler, T.P., Garnett, R., Krawczyk, F., Billen, J., Bultman, N., Christensen, K., Fox, W., Wood, R. Design study for a superconducting proton linac from 20 to 100 MeV 76301
Wanguo Zhu *see* Zhu Wanguo
Wani, M.A., Batchelor, B.G. Edge-region-based segmentation of range images 51592
Wanjik Lee, Taeyoup Kim, Sungjin Huh, Kijun Han Implementation of an HSTP peer-to-peer connection oriented mode using the STREAMS mechanism 96233
Wanjun Sun *see* Sun Wanjun
Wanjun Zhao *see* Zhao Wanjun
Wanke, E. k-NLC graphs and polynomial algorithms 91257
Wankowicz, J. Application of the Obenaus model to determination of flashover voltage of group-nonuniformly polluted insulator 89324
Wankowicz, J., Pohl, Z., Chrzan, K. Surface conductivity and ESDD as parameters of the pollution severity of high voltage insulators 89323
Wankowicz, J. *see* Gubanski, S.M. 89343
Wankowicz, J.G., Gubanski, S.M., Lampe, W.D. Loss and recovery of hydrophobicity on RTV coating surfaces 82166
Wankowicz, J.G. *see* Skopec, A. 53788
Wanlass, D.R. *see* Lee, F.T. 81568
Wanlass, M. *see* Sharps, P.R. 100668
Wanlass, M.W., Ward, J.S., Emery, K.A., Coutts, T.J. Monolithic, series-connected $InP/Ga_{0.47}In_{0.53}As$ tandem solar cells 100666
Wanlass, M.W. *see* Walters, R.J. 100753
Wanlass, M.W. *see* Ward, J.S. 100671
Wanli Zhang *see* Zhang Wanli
Wanlin Zhang *see* Jiachun Deng 63998
Wanmi, F. *see* McCarthy, D.K. 83664
Wann, H.-J. *see* Chen, I.-C. 81909
Wann, H.J. *see* Liu, Z.H. 62825
Wann, H.J. *see* Ma, Z.J. 62775
Wann, H.J. *see* Ma, Z.J. 62784
Wann Hsing-jen *see* Hsing-jen Wann
Wannberg, G. *see* Pellinen-Wannberg, A. 75697
Wannemacher, M., Halang, W.A. GPS-based timing and clock synchronisation for real time computers 92432
Wanner, G. *see* Hairer, E. 79729
Wanner, J.J., Kubis, S.E., Anderson, N.W. Implementing a low-pass digital filter using the Motorola MC68HC11 microcontroller 79165
Wannop, N.M., Dickinson, M.R., Charlton, A., King, T.A. Q-switching the erbium-YAG laser 94430
Wannow, K. Oil cable installations from the viewpoint of the water conservation legislation 59949
Wanq Yingxu, Wei Jia A new NFA algorithm for SPC switching systems 86001
Wanru Zhang *see* Zhang Wanru
Wanser, S., Krahendbuhl, L., Nicolas, A. Computation of 3D induction hardening problems by combined finite and boundary element methods 83492
Wanyu Weng *see* Weng Wanyu
Wapman, K. *see* Fiksel, J. 90908
Wapman, W. *see* Drotning, W. 81044
Wappelhorst, M.H. *see* George, T. 76144
Warabisako, T., Matsukuma, K., Kokunai, S., Kida, Y., Uematsu, T., Yagi, H. Bifacial multicrystalline silicon solar cells 100646
Warabisako, T. *see* Matsukuma, K. 100568
Warabisako, T. *see* Ohtsuka, H. 100758
Warabisako, T. *see* Uematsu, T. 100484
Warabisako, T. *see* Uematsu, T. 100570
Warabisako, T. *see* Yazawa, Y. 100446
Warashina, Y. *see* Takeichi, M. 59531
Warber, C.R., Field, E.C., Jr., Shearer, M.J. A long wave TE/TM noise prediction model 83712
Warburton, G. *see* Folks, L. 60947
Warburton, P.A. *see* Burnell, G. 82351
Warburton, R.J. *see* Barnes, D.J. 55592
Warburton, W.K., Russell, S.R. Direct observation of individual SPEAR electron bunch orbit oscillations at frequencies above 30 kHz 87747
Warburton, W.K., Russell, S.R., Kleinfelder, S.A. The 150 ns detector project: prototype preamplifier results 88304
Warburton, W.K., Russell, S.R., Kleinfelder, S.A., Segal, J. The 150 ns detector project: progress with small detectors 88034
Ward, A.L., Tan, R.J., Kaul, R. Spike leakage of thin Si PIN limiters 92519
Ward, B.D., Thomas, R.M., Meehan, D.H. Characteristics of equatorial clutter as observed from the Jindalee OTH radar facility 65905
Ward, B.D. *see* Flaherty, J.P. 65898
Ward, B.D. *see* Providakes, J. 65899
Ward, B.D. *see* Thome, G.D. 65903
Ward, C., Mitra, S., Phillips, T.M. Throughput efficiency of an enhanced link management procedure 85286
Ward, D. *see* Axelrad, V. 71510
Ward, D. *see* Molinar, G.F. 66752
Ward, D.D. Development of guidelines for in-vehicle software 69186
Ward, D.D. *see* Lawton, S. 54234
Ward, D.T. *see* Hoppe, T.C. 78305
Ward, G.J. *see* Rushmeier, H.E. 84470
Ward, G.P. DSP technology for smart communications antennas 58281
Ward, H. *see* Morrison, E. 83400
Ward, H.N., Zhu, L. Existence of Abelian group code partitions 69735
Ward, J. *see* Zerkus, M. 53474
Ward, J.A. *see* Lamiell, J.M. 67508
Ward, J.F. *see* Dewey, W.C. 98805
Ward, J.S., Wanlass, M.W., Emery, K.A., Coutts, T.J. GaInAsP solar cells with the ideal band gap for terrestrial concentrator applications 100671
Ward, J.S. *see* Sharps, P.R. 100668
Ward, J.S. *see* Wanlass, M.W. 100666
Ward, K.D., Wlodarczyk, J. Transmission line modelling of helix slow wave structures 92899
Ward, K.D. *see* Stoica, P. 57529
Ward, M.C.L., Cullis, A.G., Brunson, K.M., Smith, P.W., Hodge, A.M. A cross-section TEM investigation of SOI transistor structures 81913
Ward, M.J. *see* Keefer, C.W. 50615
Ward, N. Monitoring the integrity of GNSS 65945
Ward, P. *see* Spinella, C. 79823
Ward, R. *see* Qin Zhang 95826
Ward, R.K. *see* Nasiopoulos, P. 86731
Ward, R.K. *see* Nasiopoulos, P. 95825
Ward, R.K. *see* Xiaotian Shi 57744
Ward, R.K. *see* Xiaotian Shi 85082
Ward, S.T. *see* Baker, R.J. 91948
Ward, V., Syrzycki, M. VLSI implementation of receptive fields for smart vision sensors 98099
Ward, W., Young, S. Flexible use of semantic constraints in speech recognition 73842
Ward, W. *see* Young, S.R. 84098
Warde, C. *see* Shrauger, V.E. 83356
Warden, D. *see* Cherrick, S. 97597
Wardi, Y. *see* Cao, X.-R. 61076
Wardle, J.F.C. *see* Roberts, D.H. 66003
Ware, R., Rocken, C., Solheim, F., Van Hove, T., Alber, C., Johnson, J. Pointed water vapor radiometer corrections for accurate Global Positioning System surveying 59537
Ware, R. *see* Rocken, C. 59550
Ware, R.E. *see* Mazumder, M.K. 57050
Ware, R.H. *see* Bevis, M. 73356
Wareham, E.M. ISO9000 and the very small firm 91089
Warembourg, D. Fort St. Vrain Defueling & Decommissioning Considerations 89497
Wargowski, D.A. *see* Kowalczyk, T.C. 82629
Warhola, G.T. *see* Colombi, J.M. 64379
Warhola, G.T. *see* Colombi, J.M. 84126
Waring, D.L. *see* Chen, W.Y. 52721
Wark, D.L. *see* Boardman, R.J. 55528
Wark, J.S. *see* Key, M.H. 50731
Warkentin, D.J., Crawley, E.F. Power flow and amplifier design for piezoelectric actuators in intelligent structures 90332
Warmuth, M.K. *see* Cesa-Bianchi, N. 91220
Warn, C.E. *see* Baltrusaitis, R.M. 76519
Warnagiris, T.J. *see* Grimes, M.D. 97416
Warnagiris, T.J. *see* Grimes, M.D. 97417
Warne, L.K. Eddy current power dissipation at sharp corners: an external impedance solution applied to a wedge with large ratio of internal to external magnetic permeabilities 73234
Warne, L.K. Eddy current power dissipation at sharp corners: an approximate variational conducting wedge solution and simple function fit for general ratios of internal to external magnetic permeabilities 83513
Warne, L.K., Chen, K.C. A bound on aperture coupling from realistic EMP 57132
Warnecke, P. *see* Pesel, E. 87426
Warneke, T. *see* Hopf, S. 70223
Warner, A.C. Design and certification of a multiple concept system 54254
Warner, B.E. *see* Chang, J.J. 82901
Warner, B.G. *see* Theimer, B.D. 77236
Warner, D. *see* Pollock, D. 76653
Warner, E.S., Mulgrew, B., Grant, P.M. Spread-spectrum PN-coded waveform detection 51373
Warner, E.S., Mulgrew, B., Grant, P.M. Robust spreading code detection in multipath 95365
Warner, E.S., Mulgrew, B., Grant, P.M. Triple correlation analysis of binary sequences for codeword detection 96998
Warner, F. Changes in telecommunications services 51898
Warner, F.L. *see* Kilby, G. 86866
Warner, F.L. *see* Kilby, G.J. 53015
Warner, J.A. *see* Marine, S.S. 81596
Warner, J.D. *see* Stan, M.A. 54828
Warner, T.A. *see* Cetin, H. 53531
Warner, T.L., Bawolek, E.J. Reviewing angle-resolved methods for improved surface particle detection 62939
Warnierke, O. *see* Riedel, P. 86988
Warning, D., Schuller, G., Kruger-Elencwajg, H. SPICE modelling of transimpedance amplifiers: a contribution to the BMFT library of models for complex analogue components 80154
Warnkross, V. *see* Ries, G. 58313
Warnock, J., Cressler, J.D., Burghartz, J., Harame, D., Jenkins, K., Chuang, C.T. High performance complementary bipolar technology 71771
Warnock, J. *see* Burghartz, J.N. 71830
Warnock, J. *see* Shahidi, G.G. 71790
Warnock, J. *see* Shahidi, G.G. 71797
Warnock, J.D. *see* Burghartz, J.N. 82094
Warnock, J.D. *see* Harame, D.L. 71770
Warnock, J.D. *see* Lu, P.-F. 81834
Warnock, R.L. A formula for the high frequency longitudinal impedance of a tube with smoothly varying radius 87709
Warnock, R.L. *see* Berg, J.S. 66927
Waro, P., Leroy, Y. Thermometry of lossy microstriplines by correlation radiometry 70820
Warren, A.C. *see* Sadana, D.K. 62845
Warren, A.C. *see* Shahidi, G.G. 71790
Warren, C. Spectral response and infra red (IR) temperature measurement 87575
Warren, C.A., Burns, C.W. Home power quality—the Niagara Mohawk study 89403
Warren, C.A. *see* Barker, P.P. 68330
Warren, D.E. *see* Desourdis, R.I., Jr. 75386
Warren, D.S. *see* Barlow, D.B. 76606
Warren, G.W. *see* Arroyo, J.C. 63219
Warren, H.E. *see* McCaskill, T.B. 87560
Warren, J.C., Casto, P.R. Project planning and execution for automation 60907
Warren, J.L., Weitz, K.A. Development of an integrated life-cycle cost assessment model 90875
Warren, M. *see* Greaves, C. 64380
Warren, P., Sagnes, I., Dutartre, D., Badoz, P.A., Berroir, J.M., Guldner, Y., Vieren, J.P., Voos,

M. Charge transfer in p^+-Si-$Si_{1-x}Ge_x$ modulation doped heterostructures grown by RTCVD 93099
Warren, P. *see* Dutartre, D. 91612
Warren, P. *see* Dutartre, D. 93026
Warren, P. *see* Giroult-Matlakowski, G. 62701
Warren, R. *see* Deis, G. 87958
Warren, R. *see* Heim, J. 88070
Warren, R.E., Proft, C.R. Design leverage and partnering in the design of a pressure scanning analog-to-digital converter 92311
Warren, R.S. *see* Morris, P.B. 65728
Warren, R.W., Fortgang, C.M. Fabrication of high-field short-period permanent magnet wigglers 53117
Warren, R.W. *see* Fortgang, C.M. 53115
Warren, W.L., Fleetwood, D.M., Schwank, J.R., Shaneyfelt, M.R., Winokur, P.S., Devine, R.A.B., Maszara, W.P., McKitterick, J.B. Shallow oxygen-related donors in bonded and etchback silicon on insulator structures 93078
Warren, W.L., Fleetwood, D.M., Shaneyfelt, M.R., Schwank, J.R., Winokur, P.S., Devine, R.A.B., Mathiot, D. Links between oxide, interface, and border traps in high-temperature annealed Si/SiO_2 systems 62330
Warren, W.L. *see* Dimes, D. 82529
Warren, W.L. *see* Dimos, D. 93753
Warren, W.S. *see* Hillegas, C.W. 56836
Warrick, A.L., Delaney, P.A. The effect of frequency domain measurement errors on the time domain signal 95534
Warrier, K.G.K. *see* Ananthakumar, S. 54988
Warrington, E.M. On the processing of FMCW signals for ionospheric sounding applications 99173
Warrington, E.M., Dhanda, B.S., Jones, T.B. Observations of Doppler spreading and FSK signalling errors on HF signals propagating over a high latitude path 97024
Warrington, E.M. *see* Milan, S.E. 94827
Warrington, R.O. *see* Gao, R.X. 75855
Warrington, R.O. *see* Rao, B.C. 98316
Warta, W., Glunz, S.W., Sproul, A.B., Lautenschlager, H., Reis, I., Schindler, R. Properties of multicrystalline silicon heat treated by classical and rapid thermal processing 81184
Warta, W. *see* Schindler, R. 100630
Wartak, M.S., Boothroyd, S.A., Chrostowski, J., Lit, J.W.Y. Influence of thermal fluctuation noise on two-wave mixing in saturable absorbers 94611
Wartenhorst, P. *see* van der Duyn Schouten, F.A. 48729
Warter, P.J. *see* Hakami, M.R. 55342
Warthen, B.J. *see* Luther, G.G. 87606
Wartmann, T. *see* Mohr, S. 85693
Wartski, L. *see* Farchi, A. 53162
Warty, P. *see* Bramley, J.S. 85546
Warwick, B.K. *see* McElray, J.L. 78228
Warwick, C.A., Yan, R.-H., Kim, Y.O., Ourmazd, A. Toward giga-scale silicon integrated circuits 56048
Warwick, D.R. *see* Heathershaw, A.D. 99297
Warwick, M., Hedges, P. Solder paste design considerations 92707
Warwick, M., Hedges, P. Design considerations for solder pastes used in fine pitch inert gas soldering 92745
Warwick, M. *see* Roy, R. 97088
Warwick, W. A review of AT&T's business history in China: the Memorandum of Understanding in context 58016
Warzemann, L. *see* Schambach, J. 56257
Wasa, K., Adachi, H., Kitabatake, M. Basic deposition process and ferroelectric properties of sputtered PLZT thin films 91502
Wasaki, H., Horio, Y., Nakamura, S. A modified Hebbian algorithm for analog VLSI neural network implementation 80524
Wasem, O.J. Power distribution in robust, passive, fiber optic local communications networks with circulant topologies 52613
Wasenko, J.J., Rosenbaum, A.E., Yu, S.F., Falen, S.W., Collins, C.S. Gradient echo imaging of the lumbar spine 88400
Wasfy, T. *see* Ish-Shalom, J. 100182
Washabaugh, P.D., Peters, K.J. Sensitive structures that retain stiffness by incorporating finite length measurement paths 87265
Washabaugh, S., Franzon, P.D., Nagle, H.T. SABSA: switching-activity-based state assignment 80300
Washburn, J., Galloway, J., Kent, H. Standard compass/attitude and heading reference system (C/AHRS) utilizing fiber optic gyroscopes 59471
Washburn, J. *see* Lin, X.W. 79843
Washima, M., Mishima, T., Kudo, M. Enhanced electron mobility in the inverted high electron mobility transistor structure by two-step molecular beam epitaxy (MBE) growth 71716
Washima, M. *see* Kudo, M. 48913
Washimi, K. *see* Kim, K.-w. 98046
Washington, G. *see* Silverberg, L. 73519
Washington, M.A. *see* Bylsma, R.B. 72804
Washio, H., Katsu, T., Tonomura, Y., Hisamatsu, T., Saga, T., Matsutani, T., Suzuki, A., Yamamoto, Y., Matsuda, S. Development of high efficiency thin silicon space solar cells 99102
Washio, H. *see* Hisamatsu, T. 100452
Washio, K. *see* Idei, Y. 70451
Washio, K. *see* Onai, T. 93578
Washio, K. *see* Tanoue, T. 62706
Washiya, K. *see* Akiba, N. 99723
Washizu, K. *see* Hojo, H. 67677
Washizu, M., Jones, T.B. Multipolar dielectrophoretic force calculation 94731
Washizu, M., Kurosawa, O., Arai, I., Suzuki, S., Shimamoto, N. Applications of electrostatic stretch-and-positioning of DNA 64074
Washizu, M. *see* Jones, T.B. 94732
Washizu, T. *see* Sakai, K. 68523
Washizuka, I. Present status and future prospects for liquid crystal display technology 98214
Washkurak, W. *see* Agwani, S. 66468
Washkurak, W.D. *see* Lula, J.J. 76087
Wasiela, A. *see* Grieshaber, W. 81268
Wasilewski, Z.R., Liu, H.C., Buchanan, M. Studies of Si segregation in GaAs using current-voltage characteristics of quantum well infrared photodetectors 55561
Wasilewski, Z.R. *see* Dupont, E. 87196
Wasilewski, Z.R. *see* Krishnamurthi, K. 80698
Wasilewski, Z.R. *see* Liu, H.C. 94262
Wasilewski, Z.R. *see* Piva, P.G. 71178
Wasilewski, Z.R. *see* Steele, A.G. 75977
Wasilewski, Z.R. *see* Xing, B. 87180
Wasiljeff, A. *see* de Heering, P. 58503
Wasiljeff, A. *see* Simmer, K.U. 97711
Wasilkowski, G.W. Integration and approximation of multivariate functions: average case complexity with isotropic Wiener measure 54755
Wasim, S.M., Essaleh, L., Galibert, J., Leotin, J. On the negative magnetoresistance in the variable range hopping regime in n-type $CuInSe_2$ 71143
Wasim, S.M. *see* Albornoz, J.G. 62219
Wasim, S.M. *see* Hernandez, E. 62209
Waskiewicz, W.K. *see* Tichenor, D.A. 81591
Wassenaar, R.F. *see* Botma, J.H. 70310
Wassick, T.A. *see* Patel, R.S. 79324
Wassmus, O., Cammann, K. Nitrate sensor system for continuous flow monitoring 66227
Wasson, L. *see* Solnet, R. 60797
Wasylkiwskyj, W. *see* Boyle, R.J. 75578
Wasynczuk, O. Analysis of line-commutated converters during unbalanced operating conditions 78698
Watabe, A. *see* Shimada, J. 72535
Watabe, A. *see* Toyokura, M. 92281
Watabe, S. *see* Yanashima, K. 70019
Watabe, Y. *see* Miyashita, H. 49978
Watada, M., Yanashima, K., Oishi, Y., Ebihara, D., Dohmeki, H. Improvement on characteristics of linear oscillatory actuator for artificial hearts 53454
Watakabe, Y. *see* Nakajima, M. 71464
Watakabe, Y. *see* Yoshioka, N. 93547
Watanabe, A., Honma, I., Ohnishi, S., Kitajima, H. A novel stacked capacitor with porous-Si electrodes for high density DRAMs 70499
Watanabe, A., Mukai, H., Nishizawa, N., Itoh, T., Nomura, Y. Portable fuel cell and its application 90377
Watanabe, A., Tanaka, A., Sukegawa, T. Homogeneous GaInSb bulk alloy pulling by solute-feeding Czochralski method 61229
Watanabe, A. *see* Fukami, A. 71833
Watanabe, A. *see* Ishizuka, H. 63887
Watanabe, A. *see* Nagano, T. 63036
Watanabe, A. *see* Tanaka, T. 71116
Watanabe, A. *see* Uchino, T. 93337
Watanabe, D. *see* Rayner, J. 66425
Watanabe, E. *see* Du-Yih Tsai 98853
Watanabe, E. *see* Endo, H. 98134
Watanabe, E.H. *see* Garcia, G.O. 68624
Watanabe, E.H. *see* Garcia, G.O. 90528
Watanabe, H. MPEG2/H.262 57754
Watanabe, H. A reliability design method for maintenance strategy of telecommunication network 58073
Watanabe, H. Advances in cooling fan technologies help to enhance equipment reliability 69560
Watanabe, H., Aritome, S., Hemink, G.J., Maruyama, T., Shirota, R. Scaling of tunnel oxide thickness for flash EEPROMs realizing stress-induced leakage current reduction 70515
Watanabe, H., Chen, D. Evaluation of fuzzy instructions in a RISC processor 49494
Watanabe, H., Miki, H., Sugai, S., Kawasaki, K., Kioka, T. Crystallization process of polycrystalline silicon by KrF excimer laser annealing 81177
Watanabe, H., Saito, H., Takahashi, M. Soft magnetic properties and structures of nanocrystalline Fe-Al-Si-Nb-B alloy ribbons 72041
Watanabe, H., Tatsumi, T., Ohnishi, S., Hamada, T., Honma, I., Kikkawa, T. A new cylindrical capacitor using hemispherical grained Si (HSG-Si) for 256Mb DRAMs 61719
Watanabe, H. *see* Fukui, K. 100565
Watanabe, H. *see* Hamada, T. 61733
Watanabe, H. *see* Honda, K. 52180
Watanabe, H. *see* Honma, H. 70065
Watanabe, H. *see* Ishihara, A. 56752
Watanabe, H. *see* Kamiyama, S. 55438
Watanabe, H. *see* Kamiyama, S. 93536
Watanabe, H. *see* Kasa, N. 90520
Watanabe, H. *see* Koyanagi, M. 93401
Watanabe, H. *see* Matsui, S. 71546
Watanabe, H. *see* Mihara, T. 82139
Watanabe, H. *see* Mihara, T. 92641
Watanabe, H. *see* Morita, Y. 86785
Watanabe, H. *see* Ohkawa, K. 96428
Watanabe, H. *see* Rokugawa, S. 77276
Watanabe, H. *see* Saitoh, Y. 71780
Watanabe, H. *see* Scott, J.F. 61938
Watanabe, H. *see* Shima, A. 72907
Watanabe, H. *see* Shirasawa, K. 100648
Watanabe, H. *see* Stark, D. 70535
Watanabe, H. *see* Sugiyama, M. 84055
Watanabe, H. *see* Takai, Y. 49421
Watanabe, H. *see* Takai, Y. 70550
Watanabe, H. *see* Yoda, H. 77569
Watanabe, I., Kobayashi, H. Circuit quality degradation caused by optical fiber cable switching 75408
Watanabe, I. *see* Iseki, Y. 72679
Watanabe, I. *see* Nagamine, K. 76398
Watanabe, I. *see* Nakamura, Y. 72088
Watanabe, I. *see* Tsujino, J. 77753
Watanabe, I. *see* Tsujino, J. 99373
Watanabe, J. *see* Kawai, Y. 49888
Watanabe, J. *see* Wakiwaka, H. 58443
Watanabe, K. A network administration: concerning a 'semi-subnetted' network 74915
Watanabe, K., Awaji, S., Fukase, T., Yamada, Y., Sakuraba, J., Hata, F., Chong, C.K., Hasebe, T., Ishihara, M. Liquid helium-free superconducting magnets and their applications 94008
Watanabe, K., Awaji, S., Katagiri, K., Noto, K., Goto, K., Sugimoto, M., Saito, T., Kohno, O. Highly strengthened multifilamentary $(Nb,Ti)_3Sn$ wires stabilized with CuNb composite 82313
Watanabe, K., Be, S.H., Oikawa, Y., Sakaue, H.A., Xu, C.Y., Yokouchi, S., Wang, Y., Takahashi, S., Tsuchiya, M., Yanagi, Y. Vacuum chamber and crotch absorber for the SPring-8 storage ring vacuum system 87648
Watanabe, K., Hirayama, H. A study of Si(111) surface oxidation by temperature programmed desorption 81556
Watanabe, K., Kakishima, M., Yokoyama, K. A comparison of location methods for pinholes in pipelines 99376
Watanabe, K., Kim, C. Non-contact revolution measurement by the magnetic field intensity from axes 98303
Watanabe, K., Komori, A., Kiyama, T. Diagnosis of instrument fault 97745
Watanabe, K., Mizumachi, M. Study on departure regulation and air traffic flow management 88712
Watanabe, K., Sengoku, M., Tamura, H., Yamaguchi, Y. Realization problems of a tree with a transmission number sequence 48809
Watanabe, K., Takeda, T., Okada, K., Takino, H. Demonstration of track following technique based on discrete track media 50354
Watanabe, K., Uwano, S., Matsue, H. Pre-interference canceller for digital microwave radio systems 86052
Watanabe, K., Yoshida, K., Aoki, T., Kohjiro, S. Kinetic inductance of superconducting coplanar waveguides 94036
Watanabe, K. *see* Hata, F. 82436
Watanabe, K. *see* Hiramoto, T. 61716
Watanabe, K. *see* Ichikura, Y. 98361
Watanabe, K. *see* Kagami, O. 65568
Watanabe, K. *see* Kashiwabara, S. 98802
Watanabe, K. *see* Kido, G. 82508
Watanabe, K. *see* Kikuchi, K. 59340
Watanabe, K. *see* Kikuchi, K. 88404
Watanabe, K. *see* Kimura, H. 70772
Watanabe, K. *see* Kitagawa, S. 75789
Watanabe, K. *see* Kobayashi, K. 97496
Watanabe, K. *see* Mukaiyama, Y. 99706
Watanabe, K. *see* Ohara, Y. 53179
Watanabe, K. *see* Okamoto, K. 76265
Watanabe, K. *see* Sawada, A. 98273
Watanabe, K. *see* Shibata, K. 60445
Watanabe, K. *see* Takeda, T. 93889
Watanabe, K. *see* Tamba, N. 92241
Watanabe, K. *see* Tosaka, H. 100393
Watanabe, K. *see* Yamada, M. 73118
Watanabe, K. *see* Yamada, M. 97938
Watanabe, K. *see* Yamazaki, H. 55698
Watanabe, K. *see* Yoshida, M. 93680
Watanabe, M. Bistability between two cross-coupled lateral modes in twin-stripe lasers 63995
Watanabe, M., Fujiki, H., Mukai, S., Ogura, M., Yajima, H., Shimoyama, K., Gotoh, H. Observation of switching related to bistability between two cross-coupled lateral modes in twin-stripe lasers 94464
Watanabe, M., Hayasaka, K., Imajo, H., Ohmukai, R., Urabe, S. Sum-frequency generation near 194 nm with an external cavity by simultaneous enhancement of frequency-stabilized fundamental lasers 56874
Watanabe, M., Mukai, S., Itoh, H. Optical ternary logic operations using a twin-stripe laser 63525
Watanabe, M., Mukai, S., Itoh, H. Light-current nonlinearity in twin-stripe lasers 63844
Watanabe, M., Ohmukai, R., Hayasaka, K., Imajo, H., Urabe, S. High-power second-harmonic

generation with picosecond and hundreds-of-picosecond pulses of a cw mode-locked Ti:sapphire laser 56864
Watanabe, M., Oshida, Y., Nakayama, Y., Yoshida, M., Funatsu, R., Fujii, A., Ninomiya, T. Focusing and leveling based on wafer surface profile detection with interferometry for optical lithography 71534
Watanabe, M. *see* Fujita, K. 86094
Watanabe, M. *see* Hayasaka, K. 56873
Watanabe, M. *see* Ide, K. 68575
Watanabe, M. *see* Igarashi, R. 89369
Watanabe, M. *see* Kodaira, M. 67214
Watanabe, M. *see* Kubota, T. 99708
Watanabe, M. *see* Kyung-Woo Yi 54811
Watanabe, M. *see* Matsui, K. 67995
Watanabe, M. *see* Mukai, S. 94540
Watanabe, M. *see* Nagata, T. 76062
Watanabe, M. *see* Seino, T. 94196
Watanabe, M. *see* Suemasu, T. 93342
Watanabe, M. *see* Suemasu, T. 93486
Watanabe, M. *see* Tomeoka, H. 89176
Watanabe, M. *see* Urabe, S. 86940
Watanabe, M. *see* Waguri, S. 58095
Watanabe, M. *see* Yokota, K. 62406
Watanabe, N. On efficiency of optical modulations for optical channel with noise 65789
Watanabe, N., Iwano, T., Shine, T., Chikuma, T., Ushirozawa, M. High sensitive receiver module for 622 Mbps long span transmission 86526
Watanabe, N., Nittono, T., Ito, H. Low-temperature metalorganic chemical vapor deposition growth of InGaAs for a non-alloyed ohmic contact to n-GaAs 48997
Watanabe, N., Tajima, T., Komatsu, K., Iwano, T., Takenaka, H., Shimizu, H. 2.4 Gbps 2 channel NB-WDM optical transmission system using an electro-absorption modulator and an optical booster amplifier 52494
Watanabe, N. *see* Ito, H. 55710
Watanabe, N. *see* Ito, H. 81808
Watanabe, N. *see* Iwamoto, H. 92216
Watanabe, N. *see* Kogiku, I. 85744
Watanabe, N. *see* Komatsu, K. 75443
Watanabe, N. *see* Tani, T. 93720
Watanabe, O. *see* Sasaki, S. 86159
Watanabe, R. *see* Yamada, S. 72257
Watanabe, S. Plasma cleaning and etching using quartz bell jar with SnO_2 transparent thin-film heater in CHF_3-SiO_2 microwave etching system 71348
Watanabe, S. Cancellation of four-wave mixing in a single-mode fiber by midway optical phase conjugation 83322
Watanabe, S., Cheong, C., Saito, T., Aizawa, K. An algorithm for making a correspondence of zero-crossing points in a wavelet transform domain with a second-order derivative property 95778
Watanabe, S., Chikama, T. Cancellation of four-wave mixing in multichannel fibre transmission by midway optical phase conjugation 75393
Watanabe, S., Minami, T. Estimation of yield suppression for 1.5 V-1 Gbit DRAMs caused by threshold voltage variation of MOSFET due to microscopic fluctuation in dopant distributions 49412
Watanabe, S., Suzuki, M., Yoshimura, N., Fujita, H. Effect of temperature on static friction characteristics for silicon wafer/silicon wafer contact 92925
Watanabe, S., Taki, M., Kamimura, Y. Frequency characteristics of energy deposition in human model exposed to near field of an electric or a magnetic dipole 99003
Watanabe, S. *see* Kako, Y. 50146
Watanabe, S. *see* Kako, Y. 50147
Watanabe, S. *see* Kumada, M. 68748
Watanabe, S. *see* Main, W. 70867
Watanabe, S. *see* Ozawa, Y. 78450
Watanabe, S. *see* Shiratake, S. 70528
Watanabe, S. *see* Takashima, D. 49423
Watanabe, S. *see* Takashima, D. 49429
Watanabe, S. *see* Takashima, D. 70543
Watanabe, S. *see* Takashima, D. 70555
Watanabe, S. *see* Takashima, D. 70558
Watanabe, S. *see* Takasu, H. 80852
Watanabe, S. *see* Tanzawa, T. 70527
Watanabe, S. *see* Terada, H. 99005
Watanabe, S. *see* Tomizawa, M. 66850
Watanabe, T. Picture coding making use of B-spline surfaces 64713
Watanabe, T. New supercomputer Y-MP4E comes in RTRI 78909
Watanabe, T., Amano, M., Hikita, M., Shuto, Y., Tomaru, S. Novel "serially grafted" connection between functional and passive polymer waveguides 82621
Watanabe, T., Isotani, R., Tsukada, S. Speaker-independent speech recognition based on hidden Markov model using demi-syllable units 64327
Watanabe, T., Matsui, M., Mori, K. Thin film solar cells based on $CuInS_2$ films through a two-stage process of sputtering and H_2S annealing 100460
Watanabe, T., Tsukada, S. Unknown utterance rejection using likelihood normalization based on syllable recognition 95251
Watanabe, T., Yasunaga, M. Present status and future perspective of neuro-LSI's 80526
Watanabe, T., Yoshida, K., Hatazaki, K. High-speed continuous speech recognition using a bundle search algorithm 64328
Watanabe, T. *see* Aizawa, T. 72369
Watanabe, T. *see* Aizawa, T. 94195
Watanabe, T. *see* Fujita, I. 86426
Watanabe, T. *see* Furuyama, T. 92208
Watanabe, T. *see* Hirasawa, S. 93113
Watanabe, T. *see* Ikeno, H. 78385
Watanabe, T. *see* Kasai, A. 87410
Watanabe, T. *see* Kumazawa, T. 59946
Watanabe, T. *see* Mizuno, K. 53004
Watanabe, T. *see* Nobuhara, H. 72906
Watanabe, T. *see* Osaka, T. 56222
Watanabe, T. *see* Osaka, T. 72091
Watanabe, T. *see* Sano, A. 50262
Watanabe, T. *see* Tominaga, K. 56427
Watanabe, T. *see* Tominaga, K. 73044
Watanabe, T. *see* Tomizawa, M. 66850
Watanabe, T. *see* Ver Ploeg, E.P. 62829
Watanabe, T. *see* Yamaguchi, H. 90593
Watanabe, T. *see* Yamamoto, T. 94502
Watanabe, Y. Sliding characteristics of the contacts of new composite materials 70967
Watanabe, Y., Aoki, T., Higuchi, T. Design of multiwave computing circuits based on a model of integrated opto-electronic devices 56595
Watanabe, Y., Brayton, R.K. State minimization of pseudo non-deterministic FSMs 49078
Watanabe, Y., Hadama, H. Adaptive virtual path capacity control in multimedia ATM networks 96271
Watanabe, Y., Itahara, H., Kohara, S. Research and development of turbo engines in HYPR project 77194
Watanabe, Y., Nakasha, Y., Imanishi, K., Takikawa, M. Monolithic integration of InGaAs/InAlAs resonant tunneling diode and HEMT for single-transistor cell SRAM application 61724
Watanabe, Y., Sekimoto, H., Kitada, Y., Oomura, Y. Measurement and analysis of charge distributions induced on rectangular AT-cut quartz resonators 50159
Watanabe, Y., Sekimoto, H., Kitada, Y., Oomura, Y. Two-dimensional charge patterns of spurious modes in rectangular AT-cut quartz plates 93852
Watanabe, Y. *see* Aoki, T. 94307
Watanabe, Y. *see* Jian-Jun Shi 96185
Watanabe, Y. *see* Kobayashi, H. 99019
Watanabe, Y. *see* Kuwahara, K. 58119
Watanabe, Y. *see* Matsui, M. 97632
Watanabe, Y. *see* Miyahara, Y. 98146
Watanabe, Y. *see* Nakao, M.T. 69876
Watanabe, Y. *see* Pin, F.G. 92294
Watanabe, Y. *see* Shi, J.-J. 80290
Watanabe, Y. *see* Shiho, M. 50886
Watanabe, Y. *see* Shiratani, M. 49838
Watanabe, Y. *see* Terauchi, H. 91503
Watanabe, Y. *see* Yamaguchi, Y. 65893
Watanabe, Y. *see* Yonekura, T. 64538
Watanuki, O. *see* Tsuji, S. 72096
Watanuki, Y. *see* Fukui, A. 96748
Watarai, T. *see* Soeda, K. 61704
Watari, N. *see* Inoue, T. 88885
Watari, N. *see* Yamamoto, M. 99347
Watari, S. *see* Kondo, T. 58521
Watari, S. *see* Kondo, T. 86633
Watas, C. Expert system for surveillance of a television distribution system—applications in automatic maintenance of municipal systems 58596
Watase, Y. *see* Fukushima, Y. 67382
Watase, Y. *see* Kyushima, H. 92908
Watatani, Y. *see* Fujiwara, H. 96440
Watchers, J.G. *see* Harris, V.E. 69264
Watenabe, T. *see* Kawakami, H. 83869
Water, W.Van De *see* Van De Water, W.
Waterbury, R.C. Defusing disaster: intrinsic safety 48642
Waterbury, R.C. Hot issue: RTDs vs. thermocouples 52834
Waterbury, R.C. Tank gauging is on the level 58662
Waterbury, R.C. Level sensing tips towards basics 66275
Waterfall, R.C. *see* Etuke, E.O. 87587
Waterfall, R.C. *see* He, R. 53911
Waterfall, R.C. *see* He, R. 87422
Waterhouse, D.L. *see* Dhere, N.G. 100656
Waterhouse, R.B., Shuley, N.V. Full characterisation of varactor-loaded, probe-fed, rectangular, microstrip patch antennas 94995
Waterhouse, R.B. *see* Novak, D. 51260
Waterman, R. *see* Tsai, M.C. 80198
Waterman, R. *see* Tsai, M.C. 80812
Waterman, R.C. *see* Mazumder, S.R. 80765
Waters, C. Clamp-on current monitors achieve wide bandwidth 68335
Waters, D.B. *see* Dyke, P.J. 52566
Waters, G., Bishop, D., Barnes, M.J., Wait, G.D. A pulse sequencer for the KAON factory beam chopper 67229
Waters, G. *see* Wait, G.D. 67165
Waters, J.W. *see* Redaelli, G. 77398
Waters, J.W. *see* Tompkins, P.A. 67406
Waters, M. *see* Dahmen, M. 87984
Waters, R., Pothoven, F., Branst, L. LCD testing and repair 87374
Waters, R.T. *see* Bouziane, A. 50121
Waters, R.T. *see* Bouziane, A. 50122
Waters, R.T. *see* Rickard, D.A. 99630
Waters, W. *see* Martin, E.A. 56555
Watkins, A. *see* Dimopoulos, N.J. 97667
Watkins, A.J. Review: likelihood method for fitting Weibull log-linear models to accelerated life-test data 90912
Watkins, D.S. Shifting strategies for the parallel QR algorithm 69846
Watkins, J. *see* Pope, J., Jr. 62420
Watkins, J. *see* Uysal, S. 49639
Watkins, J.J. *see* Martinelli, V.P. 76037
Watkins, L.R., Le Bihan, J. Fast, accurate interpolation with B-spline scaling functions 64550
Watkins, L.R., Yu Rong Zhou Modeling propagation in optical fibers using wavelets 94066
Watkins, L.R., Zhou, Y.R. Dispersion compensation for long-haul, high capacity NRZ systems by pre-chirping and optimum receiver signal processing 65804
Watkins, L.R. *see* Zhou, Y.R. 86484
Watkins, M. *see* Parker, C.G. 61349
Watkins, M.J. *see* Misra, V. 93430
Watkins, W.R. Environmental bugs invade EO imaging systems 66436
Watkins, W.R., Dutro, R.W. Contrast transmission predictions versus far-infrared imager measurements for low-altitude horizontal paths 87280
Watkins, W.R. *see* Kantrowitz, F.T. 58823
Watkinson, P.J. *see* Widdowson, T. 50933
Watlington, J.A. *see* Bove, V.M., Jr. 57408
Watmough, D.J. Role of ultrasonic cleaning in control of cross-infection in dentistry 67936
Watring, D.A., Johnson, M. Ampoule failure sensor development for semiconductor crystal growth experiments 54813
Watrous, R.L. A comparison between squared error and relative entropy metrics using several optimization algorithms 48823
Watson, A. *see* Brawn, I. 98678
Watson, A. *see* Eisenhandler, E. 59183
Watson, A. *see* Stevenson, T.J. 96183
Watson, A.B., Solomon, J.A., Ahumada, A.J., Jr. Visibility of DCT basis functions: effects of display resolution 57908
Watson, A.B. *see* Solomon, J.A. 57907
Watson, A.M. *see* Watson, D.B. 54044
Watson, A.T. *see* Brawn, I.P. 98657
Watson, C.I. *see* Wilson, C.L. 84782
Watson, D. Supply options for battery power 55111
Watson, D., Simpkins, S. Right-first-time design of RF ASICs 92426
Watson, D.B., Kho, S.K. Location of impact points in the impulse flashover of air from a pointed electrode 50120
Watson, D.B., Watson, A.M. Linear ball-bearing motor 54044
Watson, D.B., Watson, D.M., Bate, G.J. Surface winding for moving small conducting particles 54016
Watson, D.L. *see* Castelli, C.M. 88322
Watson, D.M. *see* Watson, D.B. 54016
Watson, E.A., Barnes, L.J. Optical design considerations for agile beam steering 94569
Watson, E.A., McManamon, P.F., Barnes, L.J., Carney, A.J. Application of dynamic gratings to broad spectral band beam steering 94568
Watson, E.A. *see* Barnard, K.J. 98084
Watson, E.A. *see* McManamon, P.F. 65928
Watson, E.A. *see* Overbeck, J.A. 88914
Watson, G. The S++ MAC protocol 51848
Watson, G. *see* Spratt, M. 85701
Watson, G.A. Linear best approximation using a class of k-major l_p norms 91356
Watson, G.A., Blair, W.D. Revisit calculation and waveform control for a multifunction radar 75597
Watson, G.A., Blair, W.D. Tracking performance of a phased array radar with revisit time controlled using the IMM algorithm 75605
Watson, G.A. *see* Li Chong 61143
Watson, G.H. *see* Jones, G.J. 57826
Watson, G.P. *see* Ya-Hong Xie 62739
Watson, J. The stannic oxide gas sensor 58893
Watson, J., Salin, F., Georges, P., Brun, A. Conical emission accompanying spectral continuum generation: a Cerenkov-based effect 56852
Watson, J. *see* Donohue, B.F. 79395
Watson, J. *see* Kilpatrick, J.M. 64016
Watson, J. *see* Qiu, W. 60944
Watson, J.F. *see* Nour, F. 100147
Watson, J.G. *see* Prewett, P.D. 81694
Watson, K.L. *see* Gala, M.M.R. 49395
Watson, L.T. *see* Ulrich, G. 54728
Watson, N.R., Hadipurnomo, M.S. Gate-turn-off thyristor inverters tapping HVDC lines to supply remote areas 68185
Watson, N.R. *see* Dominguez, M. 67990
Watson, P.A. *see* Fernandes, J.J.G. 74989
Watson, P.A. *see* Papatsoris, A.D. 94799
Watson, P.A. *see* Zainal, A.R. 73354
Watson, P.G. *see* Brinkley, A. 79364
Watson, R. Improvements to the instrumentation of a laboratory demonstration surge tank 76256
Watson, R. Creating and sustaining a global community of scholars 96743

Watson, R., Hua, G.C., Lee, F.C. Characterization of an active clamp flyback topology for power factor correction applications 68804
Watson, R., Lee, C. Analysis, design, and experimental results of a 1 kW ZVS-FB-PWM converter employing magamp secondary side control 68793
Watson, R. *see* Hua, G.C. 68077
Watson, R.K. *see* Nichols, D.K. 71551
Watson, R.M., Munro, A., Barton, M.H. A performance analysis of the ESPRIT Home System specification 65031
Watson, S. *see* Kauppila, T. 71028
Watson, S.A. Real-time spot size measurement for pulsed high-energy radiographic machines 76867
Watson, S.J., Landberg, L., Halliday, J.A. Application of wind speed forecasting to the integration of wind energy into a large scale power system 77808
Watson, S.K. *see* Denlinger, D.W. 52810
Watson Swager, A. Power ICs: weighing the benefits of integration 71752
Watt, D.W. Column-relaxed algebraic reconstruction algorithm for tomography with noisy data 74352
Watt, G.C. *see* Evans, P.J. 98491
Watt, H. *see* Huang, J.C. 95605
Watt, M. *see* Sayer, M. 93810
Watt, R.G., Oertel, J., Archeluta, T. Gated X-ray imager gain correction using a tapered microchannel-plate stripline 88339
Watt, V.H.C., Bower, R.W. Low temperature direct bonding of nonhydrophilic surfaces 55732
Watte, J., Silverans, R.E., Van Hove, M., Apetz, R., Munder, H. Structural and electronic properties of pulsed laser beam mixed Ni/GaAs 81807
Wattenhofer, J.-P. *see* Perotto, J.-F. 80353
Watton, R. Ferroelectric materials and IR bolometer arrays: from hybrid arrays towards integration 53570
Watton, R. IR bolometers and thermal imaging: the role of ferroelectric materials 66333
Watton, R. *see* Whatmore, R.W. 58761
Watts, B.E. *see* Alvazzi Delfrate, M. 63049
Watts, D. *see* Foley, P. 60866
Watts, G. *see* Amidei, D. 98639
Watts, J. *see* Barnett, M. 58041
Watts, M.J. Using template NAMAS procedures to provide quality calibration 66108
Watts, R.J. *see* Gruesbeck, W.G. 99057
Watts, R.N. *see* Haass, M. 88287
Watts, R.N. *see* Tarrio, C. 67402
Watts Butler, S. *see* Stefani, J. 55735
Wauters, F. *see* Hine, N.A. 98993
Wauters, J. *see* Vermeeren, L. 98485
Wautier, A., Dany, J.-C., Mourot, C. Reduced-complexity channel estimation and equalization for TDMA mobile radio systems 75258
Wavering, A.J. *see* Fiala, J.C. 57695
Wawer, P. *see* Bruns, J. 60458
Wawra, M. *see* Pavuza, F.G. 90599
Wawryn, K., Suszynski, R., Mazurek, A. Switched current building block's for analog sampled circuits 70688
Wawrzynek, J. *see* Lazzaro, J. 61819
Wax, M., Sheinvald, J. Direction finding of coherent signals via spatial smoothing for uniform circular arrays 74004
Waxman, S. *see* Cory, H. 73452
Way, C.B.Van *see* Van Way, C.B.
Way, J. The EOS SAR mission: a new approach 77213
Way, J., Bachman, J.E., Paige, D.A. Sensitivity to forest biomass based on analysis of scattering mechanism 67918
Way, J., Evans, D., Elachi, C. The SIR-C/X-SAR mission 77590
Way, J., Rignot, E., McDonald, K., Viereck, L., Williams, C., Adams, P., Payne, C., Wood, W. Monitoring seasonal change in taiga forests using ERS-1 SAR data 77660
Way, J., Rignot, E.J.M., McDonald, K.C., Oren, R., Kwok, R., Bonan, G., Dobson, M.C., Viereck, L.A., Roth, J.E. Evaluating the type and state of Alaska taiga forests with imaging radar for use in ecosystem models 77297
Way, J. *see* Kwok, R. 77698
Way, J. *see* McDonald, K.C. 67870
Way, J. *see* Rignot, E. 88873
Way, J. *see* Rignot, E.J.M. 88865
Way, J.B. *see* Rignot, E. 77529
Way, J.B. *see* Rignot, E. 77659
Way, S. *see* LaBel, K.A. 77141
Way, W.I., Lai, Y.W., Chen, Y.K. The effect of transient gain compression in a saturated EDFA on optical time domain reflectometry testing 98329
Way, W.I. *see* Lai, Y.W. 52573
Way, W.I. *see* Yung-Kuang Chen 86478
Way-Seen Wang *see* Han-Bin Lin 82674
Way-Seen Wang *see* Keh-Yi Lee 64184
Wayne, M. *see* Baumbaugh, B. 59149
Waynert, J.A. *see* Miinfeng Xu 87681
Waythe, M.A. *see* Leite, M.S. 100911
Wazer, D.E. *see* Engler, M.J. 77042
Wazlowski, M. *see* Agarwal, L. 70410
Wazynska-Fiok, K. *see* Jazwinski, J. 75838
Wcislik, M. Operating characteristic of the quasi-symmetric circuit of the arc appliance with consideration of an arc nonlinearity 69227
Wcislik, M. Simulation of instantaneous currents and voltages of a steelmaking arc furnace circuit 69252
We, S. *see* Mazzola, M.S. 55875
We Duke Cho *see* Joon Yul Joo 95512
Weakley, S. Will SONET give your network the jitters? 52578
Weals, B.T. *see* Curry, G.R. 65917
Weatherburn, H. *see* van den Broek, J.G. 59429
Weatherspoon, D. *see* Rashid, E. 92286
Weaver, A.C. The xpress transfer protocol 57989
Weaver, A.C. XTP: a communications protocol for real-time distributed systems 85829
Weaver, B.D., Jackson, E.M., Summers, G.P. Radiation damage and grain boundary effects in high-T_c microwave devices and tunnel junctions 72230
Weaver, E.T., Ahmad, R., Halsall, F. Effective multipriority scheme for DQDB MAC protocol 96254
Weaver, H.J. *see* Parkhomchuk, V.V. 76382
Weaver, J. *see* Healy, D. 59372
Weaver, J. *see* Main, W. 70867
Weaver, J.B., Healy, D.M., Jr., Nagy, H., Poplack, S.P., Lu, J., Sauerland, T., Langdon, D. Classification of masses in digitized mammograms with features in the wavelet transform domain 57843
Weaver, J.B. *see* Jian Lu 74500
Weaver, J.B. *see* Lu, J. 57844
Weaver, J.H. *see* Laaksonen, R.T. 70105
Weaver, J.H. *see* Rioux, D. 55762
Weaver, J.H. *see* Rioux, D. 81502
Weaver, J.H. *see* Stepniak, F. 93198
Weaver, J.N., Genin, R.D., Golceff, P., Morales, H., Sebek, J. Experience with a radio frequency gun on the SSRL Injector Linac 76739
Weaver, J.T. *see* Andle, J.C. 98130
Weaver, L.D., Butts, R. ABLEX: high altitude laser propagation experiment 94838
Weaver, L.D. *see* Butts, R. 94837
Weaver, M.D. *see* Jackson, P.L. 79065
Weaver, M.L., West, D.B. Relaxed chromatic numbers of graphs 48803
Weaver, P.M., McBride, J.W. Magnetic and gas dynamic effects on arc motion in miniature circuit breakers 68886
Weaver, P.M., McBride, J.W. An optical fibre imaging system for the study of high speed motion 87225
Weaver, S.K. *see* Absi, A.E. 67675
Weaver, T.L., Hoard, M.A., Seal, D.W. The photonic exchange network: a reconfigurable data network for mobile platforms 88681
Weaverdyck, C. *see* Chapman, J.W. 59148
Webb, A. Risk analysis for business decisions. I 69488
Webb, A. Risk analysis for business decisions: Part 2 90863
Webb, A.B. *see* Curtis, T.E. 52655
Webb, C. *see* Bandy, S. 62086
Webb, C. *see* Scott, L. 66487
Webb, C.E. *see* Hooker, S.M. 50790
Webb, C.M. Laboratory analysis of discretely sampled thermal imaging systems 66500
Webb, D. *see* Henry, R.E. 89603
Webb, D. *see* Rao, Y. 87212
Webb, D.J., Kiessling, A., Sturman, B.I., Shamonina, E., Ringhofer, K.H. Verification of the standard model of the photorefractive nonlinearity in BSO crystals 56292
Webb, D.J. *see* Bao, X. 52905
Webb, D.J. *see* Brady, G.P. 52899
Webb, D.J. *see* Brady, G.P. 87251
Webb, D.J. *see* Kozlovsky, W.J. 72889
Webb, D.J. *see* Pechstedt, R.D. 87211
Webb, D.J. *see* Podoleanu, A.G. 73186
Webb, D.J. *see* Podoleanu, A.G. 90828
Webb, D.J. *see* Rathod, R. 52881
Webb, D.J. *see* Solymar, L. 94601
Webb, G.W., Pinck, L.H. Light-controlled MMW beam scanner 83832
Webb, J.B. *see* Beaulieu, Y. 71181
Webb, J.J., Rissanen, E.L. Speaker identification experiments using HMMs 84053
Webb, J.P., Forghani, B. Adaptive improvement of magnetic fields using hierarchal tetrahedral finite elements 83439
Webb, J.P. *see* Dillon, B.M. 70830
Webb, J.P. *see* Mias, C. 73275
Webb, J.S. *see* Lin, C.T. 54934
Webb, K. *see* Keh-Ching Huang 93307
Webb, K.F. EMC compliance for distributed systems—a proposed code of practice for installers 57147
Webb, M. Temperature sensitivity of KDP for phase-matched frequency conversion of 1 μm laser light 83260
Webb, M.R. *see* Smith, G.M. 82754
Webb, P. *see* Zappa, F. 63575
Webb, P.G., Sailasuta, N., Kohler, S.J., Raidy, T., Moats, R.A., Hurd, R.E. Automated single-voxel proton MRS: technical development and multisite verification 67529
Webb, R.P. Optoelectronic implementation of neural networks 50650
Webb, R.P. *see* Geatches, R.M. 71175
Webb, R.P. *see* Hammiche, A. 70100
Webb, W. Advanced telecommunications services 65465
Webb, W.T., Shenton, R.D. Pan-European railway communications: where PMR and cellular meet 86107
Webb, W.T. *see* Hanzo, L. 65648
Webb, W.W. *see* Ghislain, L.P. 87558
Webber, D. Video games protected as cinematograph films: Nintendo Co Ltd v Golden China TV-Game Centre and others 86710
Webber, R. *see* Datte, P. 76438
Webber, R. *see* Datte, P. 98455
Webber, R.C. Overview and status of beam instrumentation at the SSC 76556
Webber, R.C. *see* Mestha, L.K. 76513
Webber, R.E. *see* Zhang, Y. 57811
Webberley, A. *see* Thompson, D. 100362
Weber, A. Practical realisation of load tests within the framework of a system test for the digital mobile radio system DMCS 900 75226
Weber, A. *see* Ullmann, J. 71077
Weber, A.M. *see* Gambogi, W.J. 56952
Weber, B.L. *see* Miller, P.A. 99185
Weber, B.R. *see* Niemann, R.C. 82453
Weber, B.W. *see* Ginsburg, M. 51943
Weber, C. Generic test chip formats for ASIC-oriented semiconductor process development 56073
Weber, D. *see* Lebowsky, F. 97627
Weber, D.A. *see* Ivanovic, M. 67466
Weber, D.M., Kruger, C.C. Detection of tonals in lofargrams using connectionist methods 65937
Weber, D.M. *see* Lourens, J.G. 58553
Weber, D.M. *see* Swan, J.S. 53385
Weber, D.P. Fuzzy Weibull for risk analysis 54629
Weber, E. *see* Reinbold, J. 58901
Weber, E.R. *see* Bailey, J. 81201
Weber, E.R. *see* Chen, W.M. 71098
Weber, E.R. *see* He, Y. 79842
Weber, E.R. *see* Lin, X.W. 79843
Weber, E.R. *see* Zheng, J.F. 71103
Weber, E.R. *see* Zheng, J.F. 72812
Weber, G. *see* de Paula, A.M. 62280
Weber, G.R. *see* Manchanda, L. 93617
Weber, H. *see* Bostanjoglo, G. 72984
Weber, H.G. *see* Pieper, W. 58380
Weber, H.P. *see* Ghisler, Ch. 63736
Weber, H.P. *see* Helfer, D. 53445
Weber, H.P. *see* Morris, P.J. 94431
Weber, H.P. *see* Peter, D.S. 83011
Weber, H.P. *see* Peter, D.S. 94087
Weber, H.P. *see* Pfistner, C. 72757
Weber, H.P. *see* Pollnau, M. 56662
Weber, H.P. *see* Schutz, J. 82600
Weber, H.W. High temperature superconductors in a magnetic field 82345
Weber, H.W. *see* Dou, S.X. 63301
Weber, J. Planning factors and their influence on system aspects [digital terrestrial TV] 86651
Weber, J. *see* Haisch, H. 86520
Weber, J.-P. Optimization of the carrier-induced effective index change in InGaAsP waveguides—application to tunable Bragg filters 82627
Weber, J.-P. Device design using Gaussian beams and ray matrices in planar optics 94168
Weber, K.J. Lambertson upgrade program 76692
Weber, L. *see* Bauer, H.-D. 82702
Weber, M. Scattering of non-relativistic electrons in tip structures 71064
Weber, M., Koch, R., Rieder, K.H. UHV cantilever beam technique for quantitative measurements of magnetization, magnetostriction, and intrinsic stress of ultrathin magnetic films 87444
Weber, M. *see* Sarstedt, M. 59021
Weber, M.E., Stone, M.L. Low altitude wind shear detection using airport surveillance radars 65922
Weber, M.E. *see* Chornoboy, E.S. 65926
Weber, M.E. *see* Nguyen, D.C. 83193
Weber, N. *see* Carlson, P. 88068
Weber, N. *see* Carlson, P. 98532
Weber, N. *see* Carlson, P. 98556
Weber, P. *see* Meyer, H.-G. 56256
Weber, P. *see* Meyer, H.-G. 66112
Weber, P. *see* Schambach, J. 56257
Weber, R. Stochastic analysis of intelligent switching 51739
Weber, R. From electronic mail to multimedia post 96556
Weber, R. *see* Pfistner, C. 72757
Weber, R. *see* Reiss, S. 55662
Weber, R. *see* Sayre, A.N. 76266
Weber, R.J. *see* Doherty, J.F. 75917
Weber, T. *see* de Viron, F. 68391
Weber, W. Implementing the evaluating interactive video technology: instructional improvement/enhancement project 79171
Weber, W. *see* Bauerschmidt, K. 99610
Weber, W. *see* Brox, M. 50016
Weber, W. *see* Brox, M. 71656
Weber, W. *see* Thewes, R. 62818
Weber, W. *see* Verhaege, T. 89367
Weber, W.E. *see* Hinich, M.J. 57503
Weber, Z. The radon transform and its application of the processing of the VSP data 59539
Weberhofer, D. *see* Jungen, M. 65378

Weberhofer, D.M. *see* Rao, S. 85986
Webers, G.A., Delhez, J.L., Botman, J.I.M., Hagedoorn, H.L. Optical design of the 75 MeV Eindhoven racetrack microtron 76547
Webers, G.A. *see* Botman, J.I.M. 50884
Webers, G.A. *see* Delhez, J.L. 76548
Webers, G.A. *see* Delhez, J.L. 87722
Webers, G.A. *see* Wetzels, S.F.C.L. 76708
Webjorn, J., Pruneri, V., Russell, P.S.J., Barr, J.R.M., Hanna, D.C. Quasi-phase-matched blue light generation in bulk lithium niobate, electrically poled via periodic liquid electrodes 56921
Webman, I. *see* Efrat, I. 91037
Webs, A. Electrical conditions in a three-phase network in operation of an asymmetric bank of transformers with an untwisted overhead line 89192
Webs, A. *see* Lerch, E. 59701
Webster, A. The effect of atmospheric water vapour on radio interferometers with very short baselines 58519
Webster, A. *see* Unno, Y. 98558
Webster, D. A pulsed ultrasonic distance measurement system based upon phase digitizing 88890
Webster, E. *see* Yerkes, C. 75625
Webster, E.W. *see* Rosenstein, M. 77099
Webster, J.G. *see* Cohen, K.P. 59360
Webster, J.G. *see* Panescu, D. 77057
Webster, J.G. *see* Woo, E.J. 98887
Webster, K. *see* Da Via, C. 53348
Webster, M. Polyspectra-based, blind, MMSE, fractionally-spaced equalization of a cyclostationary signal 84442
Webster, R.J. A random number generator for ocean noise statistics 59574
Webster, R.T. *see* Slobodnik, A.J., Jr. 92455
Wechsler, H. *see* Milanese, R. 84686
Wecht, K. *see* Froberg, N.M. 50820
Wecht, K.W. *see* Chen, Y.K. 72896
Wecht, K.W. *see* Morton, P.A. 56750
Wecht, K.W. *see* Morton, P.A. 56761
Wecht, K.W. *see* Morton, P.A. 56788
Weck, M., Hermanns, C., Ostendarp, H., Wermeyer, K. Operating performance of transmissive optics during laser material processing 63920
Weckenmann, A., Schmitz, S. Optical shape testing on highly flexible and soft workpieces 69591
Wecker, J. *see* Helmolt, R.v. 50204
Wecker, J. *see* Kuhrt, C. 50198
Weckman, J. Semiconductor workbench for integrated modeling 62368
Weckwerth, M.V., van der Wagt, J.P.A., Harris, J.S., Jr. Observation of quantum mechanical reflections of electrons at an in situ grown GaAs/aluminum Schottky barrier 55655
Wedding, B., Franz, B., Junginger, B. 10-Gb/s optical transmission up to 253 km via standard single-mode fiber using the method of dispersion-supported transmission 97338
Wedding, B. *see* Chesnoy, J. 97334
Wedding, C.A., Stoller, R.A. High-performance, cost-effective computer and video interfacing to megapixel FPDs 66612
Wedding, D., II *see* Kaur, D. 64277
Wedekind, M., Brown, R., Derenchuk, V., Friesel, D., Hicks, J., Schwandt, P. The IUCF high intensity polarized ion source project 76732
Wedel, G. *see* Kessler, V. 74930
Wedel, G.Von *see* Von Wedel, G.
Wedemeyer, D.J. *see* Savage, J.G. *(editor)* 79114
Wedemeyer, D.J. *see* Savage, J.G. *(editor)* 90717
Wedemeyer, R. *see* Bock, B. 53325
Wedemeyer, R. *see* Schwille, W.J. 76785
Wedge, S.W. *see* Hacker, J.B. 80709
Wee, W.G. *see* Yong-Lin Hu 77963
Wee Kyung Yu *see* In Seob Song 76076
Wee Leng Goh *see* Goh Wee Leng
Wee-Leng Goh *see* Wee-Soon Ching 95946
Wee-Soon Ching A new method of identifying occlusion and specular highlights using active vision 96100
Wee-Soon Ching, Peng-Seng Toh Enhancement of speech signal corrupted by high acoustic noise 73789
Wee-Soon Ching, Peng-Seng Toh, Wee-Leng Goh Concurrent acquisition and processing of multispectral shadow information for 3D computer vision 95946
Weeber, A.W., de Moor, H.H.C., Steeman, R.A., Sinke, W.C., Schuurmans, F.M., Michiels, P.-P., Verhoef, L.A., Alkemabe, P.F.A., Algra, E. Hydrogen and deuterium in semi-crystalline silicon wafers and solar cells 81491
Weed, J. *see* Ferguson, R. 71450
Weed, J. *see* Martino, R. 71505
Weed, J.T. *see* Ferguson, R.A. 62566
Weed, J.T. *see* Liebmann, L.W. 71507
Weedon, W.H. *see* Weng Cho Chew 94797
Weegels, L.M., Saitoh, T., Oohashi, H., Kanbe, H. In situ monitoring of electron cyclotron resonance plasma processing of GaAs surfaces by optical reflection spectroscopy 55739
Weegink, J.E. *see* Borger, J.B. 77617
Weekley, C.A. Case history: meeting HIRF requirements 94871
Weeks, A.R., Kasparis, T., Keif, B. An adaptive median filter for the removal of periodic interference from an image 74378
Weeks, A.R., Myler, H.R., Apley, L.F. An adaptive local thresholding algorithm which maximizes the contour features within the thresholded image 64636
Weeks, A.R., Myler, H.R., Cinci, L.D., IV An interpretive programming language for image algebra 85115
Weeks, A.R., Myler, H.R., Emery, J.D. Nonlinear image transformations implemented with spatial light modulators 51710
Weeks, M.M. *see* Jimenez, J.R. 62654
Weeks, W.F. *see* Jeffries, M.O. 77470
Weeks, W.F. *see* Wakabayashi, H. 77459
Weeks, W.L., Steiner, J.P. Above ground detection and interpretation of transient signals on underground power distribution systems 89241
Weelderen, R.van *see* van Weelderen, R.
Weems, B.P. *see* Wen-Gong Shieh 95217
Weerackody, V., Kassam, S.A. Dual-mode type algorithms for blind equalization 51282
Weerasooriya, S., El-Sharkawi, M.A. Dynamic security assessment of power systems using neural networks 68025
Weerasooriya, S., Low, T.S. Adaptive sliding mode control of a disk drive actuator 78772
Weerrahandi, S., Hisiger, R.S., Chien, V. A framework for forecasting demand for new services and their cross effects on existing services 85389
Wees, B.J.van *see* van Wees, B.J.
Weesakul, U., Puech, C., Vine, P. Estimation of annual runoff on the basis of satellite imagery and digital geographical information 77494
Wefel, J.P. *see* Ahlen, S. 98641
Weg, W.F.Van der *see* Van der Weg, W.F.
Wegener, D. *see* Appuhn, R.D. 98542
Wegener, D. *see* Janoth, J. 92905
Wegener, H.A.R. *see* Belgal, H. 62990
Wegener, I. *see* Conrad, A. 54660
Wegener, M. *see* Agrawal, N. 56436
Wegener, M. *see* Agrawal, N. 72444
Weger, A.J. *see* Silverman, J.P. 87631
Weger, P., Simburger, W., Knapp, H., Leslie, T.C., Rohringer, N., Popp, J., Schultes, G., Scholtz, A., Treitinger, L. Completely integrated 1.5 GHz direct conversion transceiver 75301
Weger, P. *see* Rein, H.-M. 80414
Weger, P. *see* Wilhelm, W. 92123
Weger, R.C. *see* Kwo-Sen Kuo 77395
Weggel, R. *see* Miller, J.R. 82404
Weggel, R.J., Hake, M.E., Stejskal, V. Conceptual design of a 24-32 MW radially-cooled insert for a $\geqslant$45 T hybrid system 82445
Weggel, R.J., Ratka, J.O., Spiegelberg, W.D., Sakai, Y. Strength of Hycon 3 HP Be-Cu and other copper alloys from 20°C to 200°C 83546
Weggel, R.J. *see* Iwasa, Y. 82442
Weggel, R.J. *see* Williams, J.E.C. 82412
Wegiel, T. *see* Sobczyk, T.J. 89869
Wegmann, J. *see* Adam, A. 88087
Wegmann, J. *see* Adriani, O. 88023
Wegmuller, U., Matzler, C., Huppi, R., Schanda, E. Active and passive microwave signature catalog on bare soil (2-12 GHz) 88855
Wegner, C.A. *see* Nyati, S. 68065
Wegner, G. Control of molecular and supramolecular architecture of polymers, polymersystems and nanocomposites 54996
Wegner, G.E. The RC circuit in theory and practice. I 49048
Wegner, G.E. An RC circuit in theory and practice 70217
Wegner, K.R. *see* Romanski, J.G. 66486
Wegner, W. Plasma-nitriding of components for medium-high-speed diesel engines 99962
Wegscheider, W., Pfeiffer, L., Dignam, M., Pinczuk, A., West, K., Hull, R. Stimulated emission in quantum wires fabricated by cleaved edge overgrowth 94461
Wehbeh, J.A., Saab, D.G. Efficient simulation of switch-level circuits in a hierarchical simulation environment 49283
Wehe, D.K. *see* DeVol, T.A. 87989
Wehe, D.K. *see* DeVol, T.A. 98624
Wehe, D.K. *see* Dogan, N. 57570
Wehe, D.K. *see* Dogan, N. 98603
Wehe, D.K. *see* Guru, S.V. 88325
Wehe, D.K. *see* Martin, J.B. 88270
Wehe, D.K. *see* Martin, J.B. 88329
Wehe, D.K. *see* Martin, J.B. 98585
Wehenkel, L., Pavella, M. Advances in decision trees applied to power system security assessment 59733
Wehenkel, L., Pavella, M., Euxibie, E., Heilbronn, B. Decision tree based transient stability method a case study 59680
Weher, P.M. *see* Kyunghwan Oh 72741
Wehling, B. *see* Hill, W. 58798
Wehmann, A. *see* Christian, D.C. 59094
Wehmann, H.-H. *see* Bakin, A. 91457
Wehmann, H.-H. *see* Klockenbrink, R. 62480
Wehmann, H.-H. *see* Klockenbrink, R. 98000
Wehmann, H.-H. *see* Lubnow, A. 69986
Wehmeyer, K.F. Is there a difference in VRLA battery designs? 68957
Wehn, N. *see* Wurth, B. 49335
Wehner, E., Seno, R., Sterpi, N., Englert, B.-G., Walther, H. Atom pairs in the micromaser 82882
Wehnes, F. *see* Schwille, W.J. 76785
Wehr, A. Design criteria for an imaging CW-laser-ranging system and its realization (part I) 58496
Wehr, A.Von *see* Von Wehr, A.
Wehrend, H. *see* Gertkemper, C. 68307
Wehrlen, D.J. *see* Werst, M.D. 73242
Wehrmann, F. *see* Tian, F. 75470
Wei, A. *see* Kosier, S.L. 56054
Wei, A. *see* Kosier, S.L. 62943
Wei, B. *see* Komvopoulos, K. 82267
Wei, B.W.Y. *see* Tsang, K. 80528
Wei, C. *see* Lin, W.-Y. 81546
Wei, C.-H. *see* Kuo, H.-C. 83924
Wei, C.J., Hwang, J.C.M. New method for direct extraction of HBT equivalent circuit parameters 92532
Wei, C.J. *see* Sugeng, B.R.A. 61929
Wei, C.L. *see* Bai, J.Z. 53324
Wei, C.L. *see* Bai, J.Z. 53324
Wei, D., Bertram, H.N., Jeffers, F. A simplified model of high density tape recording 82269
Wei, D., Seidel, G.M., Jones, S.C. Thermal method for continuous measurement of cerebral perfusion 98736
Wei, D. *see* Weidong Li 55190
Wei, G.Y. *see* Crowder, S.W. 62408
Wei, H.F., Kalkhoran, N.M., Namavar, F., Chung, J.E. Improvement of breakdown voltage and off-state leakage in Ge-implanted SOI n-MOSFETs 93444
Wei, J., Gupta, R., Peggs, S. Magnetic correction of RHIC triplets 66918
Wei, J. *see* Kraemer, B. 80837
Wei, J. *see* Kraemer, B. 92580
Wei, J. *see* Shu, J. 92523
Wei, J. *see* Trbojevic, D. 98408
Wei, K., Machewirth, D.P., Wenzel, J., Snitzer, E., Sigel, G.H., Jr. Spectroscopy of Dy^{3+} in Ge-Ga-S glass and its suitability for 1.3-μm fiber-optical amplifier applications 63341
Wei, K.C., Sheu, J.J., Liu, B.D. Low overhead design for programmable logic array with testability 80306
Wei, L. *see* Muramatsu, S. 91594
Wei, M. *see* Schwarz, K.P. 65964
Wei, M. *see* Stover, R.J. 66477
Wei, S.C. *see* Golden, A., Jr. 75558
Wei, S.C. *see* Werness, S.A. 59600
Wei, S.X. An alternative derivation for the signal-to-noise ratio of a SSMA system 65585
Wei, T., Stapleton, S. Effect of spacer layers on capacitance of resonant tunneling diodes 81771
Wei, T. *see* Zemon, S. 94065
Wei, T.Y.C. *see* Reifman, J. 78296
Wei, V.K., Feng, G.L. Improved lower bounds on the sizes of error-correcting codes for list decoding 73713
Wei, V.K. *see* Anantharam, V. 75216
Wei, V.K. *see* Gui-Liang Feng 95103
Wei, W. *see* Wang, J. 52653
Wei, W. *see* Jinming, L. *(editor)* 79097
Wei, X., Raikh, M., Vardeny, Z.V., Yang, Y., Moses, D. Photoresponse of poly(para-phenylenevinylene) light-emitting diodes 72632
Wei, X. *see* Sumic, Z. 99561
Wei, X.-G., Sumic, Z., Venkata, S.S. ADSM—an automated distribution system modeling tool for engineering analyses 89231
Wei, Y. *see* Lu, W. 49929
Wei, Y. *see* Lu, W. 62599
Wei, Y. *see* Lu, W. 81729
Wei, Y. *see* Wurm, K. 81500
Wei, Y.D. *see* Ling, W.Y. 56121
Wei, Z.C. *see* Gu, C.L. 89901
Wei, Z.Z. *see* Bai, J.Z. 53324
Wei Baowen *see* Yuan Ping 53220
Wei Chang, Jingai Liu, Kari, B. A new modular detector for a cylindrical brain SPECT system 88430
Wei Chang, Jingai Liu, Kari, B. A new modular detector for a cylindrical brain SPECT system 98847
Wei Chang, Kam, M. Asynchronous distributed detection 73962
Wei Chang Kwo *see* Kwo Wei Chang
Wei Chao *see* Chao Wei
Wei Che-Ho *see* Che-Ho Wei
Wei Chen, Kraner, H.W., Zheng Li, Rehak, P., Hess, F. Fabrication of large area Si cylindrical drift detectors 88054
Wei Chen *see* Yen-Kuang Kuo 94400
Wei Chen *see* Chen Wei
Wei Cheng *see* Longya Xu 89985
Wei Daozheng *see* Xiang Dong 55046
Wei Daozheng *see* Daozheng Wei
Wei Ding Optimal vector transform for vector quantization 74550
Wei Dong Wei *see* Wei Wei Dong
Wei Fan *see* Bangjiao Ye 59205
Wei Feng *see* Feng Wei
Wei Fu *see* Fu Wei
Wei Gang *see* Gang Wei
Wei Gao, Nomura, T., Kiyono, S. Roundness measurement with software datum method. Comparison between mixed method and 3-point method by computer simulations 87502
Wei Gong, Hadjipanayis, G.C., Krause, R.F. Mechanically alloyed nanocomposite magnets 71936

Wei Gong, Qingyun Shi Morphological 1-D greyscale structural function decomposition 74382
Wei Guang-Pu, Zheng Yi-Ming, Huang Zhao-Jian, Li Yu, Feng Jing-Wei, Mo Yio-Wu Porous silicon and its application test for photovoltaic devices 100468
Wei Guanghui *see* Xin Jianguo 82947
Wei Guanghui *see* Guanghui Wei
Wei Guangyu *see* Peng Ruiwu 79870
Wei He A simulation model for integrated molten carbonate fuel cell systems 60437
Wei Hong, Shen Chun-Neng Study of in-process measuring methods of form-and-position errors of shaft parts 58967
Wei Hong, YaoWu Liu, Mei, K.K. Application of the measured equation of invariance to solve scattering problems involving a penetrable medium 83596
Wei Hong *see* Hong Wei
Wei Houng-Chi *see* Houng-Chi Wei
Wei Hsien-Chung *see* Hsien-Chung Wei
Wei Hua *see* Hua Wei
Wei Huawu *see* Huawu Wei
Wei Jeng-Hua *see* Jeng-Hua Wei
Wei Jia *see* Wanq Yingxu 86001
Wei Jia-Ding *see* Mu Gang 99430
Wei Jiang, Xunlang Liu, Shizhong Ye, Jianqun Zhao, Wenrong Sun, Huimei Cao, Dun Jin A new nonpoisonous polishing slurry used in ultraflat InP substrates production 55692
Wei Jiang *see* Jiang Wei
Wei Jun *see* Jun Wei
Wei Kai Chua *see* Youyi Wang 99584
Wei Kai-Cheng *see* Kai-Cheng Wei
Wei Kang Tsai *see* Chen, Y. 49270
Wei Kang Wu *see* Wu Wei Kang
Wei Lee-Fang *see* Lee-Fang Wei
Wei Lei *see* Lei Wei
Wei Li, Kunt, M. Morphological segmentation applied to displaced frame difference coding 74336
Wei Li *see* Li Wei
Wei Lin, Lee, Y.C., Johnson, K.M. Study of soldering for VLSI/FLC spatial light modulators 94212
Wei Lin *see* Chung-En Zah 63780
Wei Lin *see* Lin Wei
Wei Liu *see* Pinsky, E. 64256
Wei Liu *see* Liu Wei
Wei Liutao, Zeng Qingchuan, Jiang Tiebing, Yu Jinjiang, Huang Dinjiang A new heuristic genetic algorithm and its application in solution of the unit commitment 53701
Wei Long *see* Long Wei
Wei Luncun, Ding Furong Resistivity and damage annealing of high energy (MeV) oxygen ion implanted semi-insulating GaAs 92950
Wei Ming Ming *see* Ming Ming Wei
Wei Qian, Clarke, L.P., Huai Dong Li, Clark, R., Silbiger, M.L. Digital mammography: m-channel quadrature mirror filters (QMFs) for microcalcification extraction 88395
Wei Qian, Clarke, L.P., Kallergi, M., Clark, R.A. Tree-structured nonlinear filters in digital mammography 53374
Wei Qiu *see* Qiu Wei
Wei Qizhen *see* Wu Qun 99007
Wei Ren *see* Reason, J. 84329
Wei Sen Jung *see* Sen Jung Wei
Wei Shugang *see* Shugang Wei
Wei Song *see* Song Wei
Wei Sun Shih *see* Shih Wei Sun
Wei Tongli, Zheng Jiang Potential and developing trends of silicon ultrafast bipolar technology 62961
Wei Tongli *see* Cai Yimin 94295
Wei Tongli *see* Cao Juncheng 62627
Wei Tongli *see* Cao Juncheng 71565
Wei Tongli *see* Cao Juncheng 81759
Wei Tongli *see* Cao Juncheng 81787
Wei Tongli *see* Zheng Jiang 81840
Wei Tse-Chung *see* Tse-Chung Wei
Wei Wan *see* Wan Wei
Wei Wang *see* Brown, B.H. 67551
Wei Wang *see* Dianguo Xu 100845
Wei Wang *see* Wang Wei
Wei Wei, Kun, S., Peura, R.A. Development of a testing model for an intraventricular impedance imaging system 67545
Wei Wei *see* Yasuda, A. 75672
Wei Wei *see* Wei Wei
Wei Wei Dong *see* Tompkins, P.A. 67406
Wei Wen *see* Wen Wei
Wei Wenyuan *see* Zhang Xiaomiao 95028
Wei Wu *see* Jianzhong Hu 66516
Wei Wu *see* Wu Wei
Wei Xia *see* Lei Jian Liu 74363
Wei Xiaoming, Lin Junyin, Zhang Lidong, He Renmu Fault location algorithm and field measured results analysis 99792
Wei Xin *see* Gong Dawei 75995
Wei Xin *see* Xin Wei
Wei Xu *see* Xu Wei
Wei Yang, Nanning Zheng A high-speed multifunction image processing architecture based on microcomputer 51640
Wei Yang *see* Freking, W. 83140
Wei Yanming, Liu Jingru, Sun Ruifan Experimental investigation on characteristics of positive-branch confocal unstable resonator of discharge-pumped XeCl laser 56624
Wei Yi Xie *see* Ming Ming Wei 61418
Wei Yongtian, Huang Liming, Chen Jiping, Chi Shu The calculation of ventilation system in hydroelectric generator by network matrix approach 89727
Wei Yongtian, Liu Ronglin, Zhang Jing The simulated test and calculation of the radiant coefficients of the surface on the main parts in large hydroelectric generator 89728
Wei Yu, Shiyi Mao, Pinxing Lin, Shaohong Li Neural solution to multitarget tracking in clutter with velocity measurements 86567
Wei Yu *see* Cui Yiping 82520
Wei Yu *see* Yu Wei
Wei Yuji *see* Yuji Wei
Wei Yun *see* Wang Shoujue 92450
Wei Yunrong *see* Ye Zhenhuan 73047
Wei Zengquan *see* Wang Guiling 98650
Wei Zhang Scattering of radiowaves by a melting layer of precipitation in backward and forward directions 51075
Wei Zhang *see* Han Ooi Lim 71002
Wei Zhang *see* Ruo Feng 88469
Wei Zhang *see* Zhang Wei
Wei Zhao, Kumar, A., Agrawal, G., Kamat, S., Malcolm, N., Biao Chen Real-time communication in FDDI-based reconfigurable networks 58132
Wei Zhao, Yuxin Li, Liquan Chen, Zhijun Liu, Yuzheng Huang, Zhongxian Zhao Metal vapor synthesis of air-sensitive transition metal fullerides: evidence of IR spectra 87338
Wei Zhao *see* Kamat, S. 65337
Wei Zhihong Technology options for reducing energy-related CO_2 emission 53849
Wei Zhiyong *see* Liu Guanhua 59141
Wei Zhou, Ping Liang Phase difference variation characteristics between frequency signals and its uses in measurement 98255
Wei-Chou Hsu, Hir-Ming Shieh, Chang-Luen Wu, Tien-Shou Wu High performance symmetric double δ-doped GaAs/InGaAs/GaAs pseudomorphic HFETs grown by MOCVD 50045
Wei-Chou Hsu *see* Chang-Luen Wu 81299
Wei-Chou Hsu *see* Chang-Luen Wu 93508
Wei-Chou Hsu *see* Hir-Ming Shieh 55605
Wei-Chun Wang, Scholtz, R.A. A new pulse compression scheme applied to spread ALOHA in VSAT networks 97205
Wei-Chung Lin *see* Liang-Hua Chen 51698
Wei-Chung Lin *see* Tsao, E.C.-K. 74472
Wei-Chung Lin *see* Tsu-Wang Chen 74303
Wei-Da Hao, Jenq, Y.C. Waveform estimation with jitter noise using stochastic up and down method 75893
Wei-Dong Hu *see* Hu Wei-Dong
Wei-Dong Qing *see* Fu-Ming Yang 82247
Wei-Han Wu *see* Wu Wei-Han
Wei-Hsiang Liao *see* Pao-Ta Yu 95382
Wei-Hsin Tseng, Jau-Hsiung Huang A high performance video server for karaoke systems 97608
Wei-I Lee *see* Wei-Kuo Chen 54866
Wei-Jen Ko *see* Quader, K.N. 49351
Wei-Jen Lee *see* Ren-Jun Li 68331
Wei-Jer Wang, Kuan-Chung Lin A higher-order shear deformable plate strip element for free vibrations of laminated plates 91646
Wei-Ji Shyu, Jenho Tsao Sinusoidal frequency estimation at low signal-to-noise ratio 64422
Wei-Jin Dai *see* Nan-Chi Chou 92108
Wei-Kuo Chen, Chen-Shiung Chang, Wen-Chun Chen Low-temperature epitaxy of GaAs by metalorganic chemical vapor deposition 70056
Wei-Kuo Chen, Ou, J., Wei-I Lee Organometallic vapor phase epitaxial growth of $AlAs_xSb_{1-x}$ films using tertiarybutylarsine 54866
Wei-Kuo Cken, Ming-Ta Chin Influence of thermodynamic factors on growth of $AlAs_{1-x}Sb_x$ alloys 91478
Wei-Lian Guo *see* Xiang-Liu Jiang 55920
Wei-Liang Jin, Luz, E. Improving importance sampling method in structural reliability 60067
Wei-Liang Li *see* Zhong Ouyang 73002
Wei-Liang Li *see* Li Wei-Liang
Wei-Liang Lin, Sarrafzadeh, M., Wong, C.K. The reproducing placement problem with applications 91699
Wei-Lin Yang *see* Shi-Chung Chang 68483
Wei-Ming Chen *see* Ming-Yin Hao 71385
Wei-Ming Dai, W. *see* Darnauer, J. 71007
Wei-Ming Dai, W. *see* Haifang Liao 91829
Wei-ming Ma *see* Ma Wei-ming
Wei-Ming Su *see* Ming Ouhyoung 58093
Wei-Ming Wang, Jiann-Fuh Chen Steady-state stability criterion and uniqueness of load flow solutions for distribution systems 99663
Wei-Nan Jiang, Mishra, U.K. Study of the I-V characteristics of planar-doped-barrier electron emitters 62057
Wei-Nan Jiang *see* Mishra, U.K. 62061
Wei-Ping Huang *see* Sarangan, A.M. 61876
Wei-Ping Yang, Zhen-Kang Shen, Zhi-Yong Li The application of difference method to dim point target detection in infrared images 85069
Wei-Shang Chu, Current, W. Quaternary multiplier circuit 55224
Wei-Sheng Chang *see* Jeng-Ming Chen 64519
Wei-Song Lin *see* Chi-Hsiang Wang 68619
Wei-Song Lin *see* Sheng-Wen Shih 57924
Wei-Tek Tsai *see* Mojdehrakhsh, R. 53458
Wei-Tou Ni, Chui, T.C.P., Sheau-Shi Pan, Bo-Yuan Cheng Search for anomalous spin-spin interactions between electrons using a DC SQUID 50432
Wei-Tou Ni, Jia-Ruey Duann, Gwo-Sheng Peng, Hsien-Fen Hsieh, Chung-Ping Lai, King-Hung Lee, Yeou-Song Lee, Fu-Jeng Lin, Huay-Chung Liou, Sheau-Shi Pan, Chien-Ming Wu, Hsien-Chi Yeh, Mei-yun Yeh A new method to measure silicon lattice spacings and possible new definition of the kilogram: scheme and progress 86822
Wei-Tzen Yang *see* Yung-Chung Chang 88947
Wei-Xin Ni *see* Larsson, M.I. 79816
Wei-Xin Ni *see* Sardela, M.R., Jr. 62398
Wei-Xun Lin *see* Jin-Fa Zhang 90661
Wei-Yan Pan, Hao-Ming Shen The influence of random variations in the tropospheric refractive index on the focusing of an intense microwave beam from a phased array 95023
Wei-Ying Li, Xiao-Mei Tang, Ke-Chu Yi, Zheng Hu Recurrent sub neural networks applied to speech recognition 95302
Wei-Yu Lee *see* Huey-Min Wang 56392
Wei-Yu Lee *see* Jin-Shin Lin 58920
Wei-Zhong Liu *see* Liu Wei-Zhong
Wei-Zhu Lin *see* Lin Wei-Zhu
Weiang Luo *see* Chaochin Su 62487
Weibel, M.L. Test plan for experiments to provide preliminary end-to-end communication system performance of an advanced satellite system 75380
Weibo Deng *see* Deng Weibo
Weibo Gong *see* Ganz, A. 75449
Weich, K., Eggemann, R., Horer, J., As, D.J., Mohrle, M., Patzak, E. 10 Gbit/s all-optical clocked decision circuit using two-section semiconductor lasers 56889
Weicheng Fan *see* Fan Weicheng
Weichold, M.H. *see* Legg, J.D. 62072
Weichun Ge *see* Ge Weichun
Weici Yuan *see* Yuan Weici
Weid, J.P.Von der *see* Von der Weid, J.P.
Weidan Li, Anan, T., Schowalter, L.J. Molecular beam epitaxial growth of GaAs on CaF_2/Si(111) substrate 54842
Weidan Li, Anan, T., Schowalter, L.J. Nucleation of GaAs on CaF_2/Si(111) substrates 70040
Weidberg, A. *see* Anghinolfi, F. 88228
Weidberg, A. *see* Anghinolfi, F. 98663
Weidberg, A. *see* Borer, K. 53347
Weidberg, A. *see* Borer, K. 98687
Weide, C. *see* Jin, G. 79920
Weide, D.W.van der *see* van der Weide, D.W.
Weide, J.van der *see* van der Weide, J.
Weideman, D. Automated focus determination 58838
Weidemann, B. *see* Kuffe, M. 68528
Weidemann, H. *see* Kung, P. 81122
Weiden, T.C.J.van der *see* van der Weiden, T.C.J.
Weidenfeller, B., Riehemann, W. Frequency dependence of loss-improvement of grain oriented silicon steels by laser scribing 63138
Weidensohler, A. *see* Deppert, K. 62475
Weides, G. *see* Hirsekorn, S. 77756
Weidman, D. *see* Jun Yu 63420
Weidman, M., Nunn, B. A new cleaning evaluation benchmark 92753
Weidman, T.W. *see* Joubert, O. 81644
Weidong Huang *see* Antonuk, L.E. 88367
Weidong Li, Abd-El-Barr, M., McCrosky, C., Wei, D. D-CPT: a time/space efficient fault simulator 55190
Weidong Liu *see* Liu Weidong
Weidong Sun *see* Fenghua Xiong 67821
Weidong Sun *see* Houqiang Li 77593
Weidong Sun *see* Xianghong Liu 77285
Weidong Tian *see* Tian Weidong
Weidong Wang, Haizhou Li, Youan Ke Generalized eigenvector decomposition method for pole extraction and GPOF method 84481
Weigan Lin *see* Naichang Yuan 64199
Weigan Lin *see* Lin Weigan
Weigand, R., Guerra, J.M. Laser-threshold calculations for lasing of acid-base species in proton-transfer media 94366
Weigang Zhao *see* Zhao Weigang
Weigel, R., Holm, A., Russer, P., Ruile, W., Solkner, G. Accurate optical measurement of surface acoustic wave phase velocity 98376
Weigel, R. *see* Fauter, A. 93821
Weigel, R. *see* Fischerauer, G. 75264
Weigel, R. *see* Fischerauer, G. 96969
Weigel, R. *see* Muller, G. 82229
Weigel, R. *see* Muller, G. 99335
Weigel, R. *see* Rheinfelder, C. 97078
Weigel, W. *see* Braun, K. 86150
Weight, J.P. *see* Stacey, R. 80002
Weight, J.P. *see* Stacey, R. 91653
Weigl, A. Requirements for robot assisted disassembly of not appropriately designed electronic products: lessons from first studies 79282
Weigl, H., Alexander, H.L. Robot free-flyers in Space extravehicular activity 53493
Weiglhofer, W.S. Dyadic Green function for unbounded general uniaxial bianisotropic medium 83591

Weiglhofer, W.S., Lakhtakia, A. Time-dependent scalar Beltrami-Hertz potentials in free space 64057
Weiglhofer, W.S., Lakhtakia, A. Uniformity constraint on recently conceptualised linear uniaxial bianisotropic media 94762
Weiglhofer, W.S. *see* Lakhtakia, A. 83454
Weiglhofer, W.S. *see* Lakhtakia, W.S. 83593
Weiglhofer, W.S. *see* Lindell, I.V. 57096
Weiglhofer, W.S. *see* Lindell, I.V. 73296
Weigmann, H.-J. *see* Lademann, J. 59408
Weigold, H., Rohde, W. Digital Video Component Analyzer VCA: Waveform monitor and signal analyzer for digital video signals to CCIR 601 86696
Weiguo Wang *see* Wang Weiguo
Weiguo Xi, Baiqiang Tian, Tinga, W.R. Numerical analysis of a movable dielectric gap in coaxial resonators for dielectric measurements 66653
Weiguo Xi, Stuchly, M.A. High spatial resolution analysis of electric currents induced in man by ELF magnetic fields 77088
Weiguo Xi, Stuchly, M.A., Gandhi, O.P. Computer simulation of induced electric currents and fields in biological bodies by 60 Hz magnetic fields 98996
Weihan Wu *see* Wu Weihan
Weibe, K. *see* Sarrafzadeh, M. 49098
Weihnacht, M. *see* Martin, G. 71912
Weihnacht, M. *see* Martin, G. 82217
Weihnacht, M. *see* Martin, G. 93817
Weihreter, E. *see* Jaeschke, E. 67275
Weihs, W. *see* Rost, M. 59208
Weihua Jiang, Zinsmeyer, K., Less, M., Schoenbach, K.H., Kristiansen, M. Electron-beam controlled switching using quartz and polycrystalline ZnS 54113
Weijers, A.L. *see* Koelink, M.H. 87551
Weijers, B. *see* Flaherty, J.P. 65900
Weijers, H.W. *see* Hascicek, Y.S. 82448
Weijian Wang Reflection and transmission properties of holographic mirrors and holographic Fabry-Perot filters. I. Holographic mirrors with monochromatic light 56935
Weijian Wang Reflection and transmission properties of holographic mirrors and holographic Fabry-Perot filters. II. Holographic mirrors with partially coherent light 56936
Weijian Wang *see* Wang Weijian
Weijian Xu, Yao, S.J., Su-Ying Yao, Wolfson, S.K., Jr. Low-potential glucose sensing utilizing a small planar electrode 66517
Weijiang Zhao *see* Zhao Weijiang
Weijters, T., Thole, J. Speech synthesis with artificial neural networks 64377
Weijun Yin, Tanaka, J., Damon, D.H. A study of dielectric relaxation in aluminosilicate-filled low-density polyethylene 50149
WeiKai Sun, YunYi Wang Scattering by an E plane dielectric sheet in rectangular waveguide 64188
Weikle, R.M., II *see* Porterfield, D.W. 82794
Weil, C. *see* Winkler, M. 76564
Weil, M., Manji, J.F., Davies, O., Vacca, J. Auto ID 65578
Weil, T.A. Unbalance effects on the quality of harmonic cancellation by multiphasing 59712
Weiland, C. *see* Miller, S.P. 99141
Weiland, L.H. *see* Hess, C. 60921
Weiland, L.H. *see* Hess, C. 62926
Weiland, M.Z., Convery, B.A., Zaklad, A.L., Zachary, W.W., Fry, C.A., Voorhees, J.W. Active man machine interface for advanced rotorcraft 99081
Weiland, R.J. *see* Collier, W.C. 69170
Weiland, T. *see* Bartsch, M. 83483
Weiland, T. *see* Dehler, M. 79526
Weiland, T. *see* Min Zhang 80550
Weiland, T. *see* Schmitt, D. 83763
Weiland, T. *see* Wolter, H. 83758
Weilenmann, M.F., Geering, H.P. Test bench for rotorcraft hover control 77114
Weiler, K.W. *see* Clegg, A.W. 83715
Weiler, M. *see* Gerber, J. 70094
Weiler, M.H. *see* Mitra, P. 91526
Weilhammer, P. *see* Fallot-Burghardt, W. 88244
Weilhammer, P. *see* Ronnqvist, C. 88024
Weilhammer, P. *see* Straver, J. 88089
Weilhammer, P. *see* Turchetta, R. 88247
Weilhammer, P. *see* Turchetta, R. 98692
Weili Luo *see* Tengda Du 87139
Weili Ren *see* Ren Weili
Weili Wang *see* Wang Weili
Weilian Guo *see* Guo Weilian
Weiliang Zeng *see* Zeng Weiliang
Weiling, G. *see* Bobula, A. 78146
Weiling Wu *see* Wu Weiling
Weill, A. *see* Pons, M. 49925
Weill, A.P. *see* Fadda, E. 81660
Weill, R. *see* Adam, A. 88087
Weill, R. *see* Adam, A. 88102
Weill, R. *see* Adriani, O. 88023
Weilu Lei *see* Lei Weilu
Weiman, C.F.R. Efficient discrete Gabor functions for robot vision 57827
Weimann, G. *see* Geiger, H.-W. 72902
Weimann, G. *see* Godel, W. 61899
Weimann, G. *see* Hauser, M. 62293
Weimann, G. *see* Klein, W. 56024
Weimann, G. *see* Lang, W. 62472
Weimann, G. *see* Leitenstorfer, A. 81238
Weimann, G. *see* Lettau, C. 93037
Weimann, G. *see* Rupprecht, H.S. *(editor)* 90753
Weimar, U. *see* Di Natale, C. 66564
Weimer, C.S., Velichansky, V.L., Fox, R.W., Zibrov, A.S., Hollberg, L. Diode lasers for precision spectroscopy of calcium 86923
Weimer, J. *see* Yuvarajan, S. 62730
Weimer, J.A. *see* Kazimierczuk, M.K. 59512
Weimers, L., Wenyan Zhang Active DC filters and outdoor thyristor valves enhance HVDC 68184
Weimin Li *see* Li Weimin
Weimin Si *see* Si Weimin
Weimin Sun, Balanis, C.A. Edge-based FEM solution of scattering from inhomogeneous and anisotropic objects 73280
Weimin Sun, Balanis, C.A. Vector one-way wave absorbing boundary conditions for FEM applications 73310
Weimin Sun, Purchine, M.P., Jian Peng, Balanis, C.A., Barber, G.C. Automatic and efficient surface FDTD mesh generation for analysis of EM scattering and radiation 73260
Weimin Xie *see* Xie Weimin
Weiming Lu *see* Lu Weiming
Weiming Zhou *see* Zhou Weiming
Wein, B. *see* Kelch, J. 98775
Weinan Chen *see* Chen Weinan
Weinberg, H. *see* Gaetz, W. 77765
Weinberg, I., Jain, R.K., Swartz, C.K., Curtis, H.B., Brinker, D.J., Vargas-Aburto, C., Drevinsky, P.J. Proton irradiated heteroepitaxial InP solar cells 100754
Weinberg, I. *see* Chatterjee, B. 71149
Weinberg, I. *see* Eran, Y. 79453
Weinberg, I. *see* Faur, M. 60478
Weinberg, I. *see* Faur, M. 100749
Weinberg, I.N. *see* Murthy, K. 88126
Weinberg, I.N. *see* Thompson, C.J. 53404
Weinberg, M. *see* Bernstein, J. 58741
Weinberg, W.H. *see* Bressler-Hill, V. 91441
Weinberg, W.H. *see* Reaves, C.M. 54926
Weinberg, W.H. *see* Wang, X.-S. 91496
Weinberger, M.J., Merhav, N., Feder, M. Optimal sequential probability assignment for individual sequences 73696
Weindler, P. *see* Gluck, A. 66255
Weiner, A.M. *see* Nuss, M.C. 56933
Weiner, B. *see* Skokov, S. 55763
Weiner, K.H., McCarthy, A.M. Fabrication of sub-40-nm *p-n* junctions for 0.18 μm MOS device applications using a cluster-tool-compatible, nanosecond thermal doping technique 62396
Weiner, K.H. *see* Kramer, K.-J. 79845
Weiner, M. *see* Lis, R.J. 55940
Weiner, M. *see* Zhao, J.H. 55941
Weiner, R., Arnold, M., Rentrop, P., Strehmel, K. Partitioning strategies in Runge-Kutta type methods 48860
Weingarten, K.J., Braun, B., Keller, U. In situ small-signal gain of solid-state lasers determined from relaxation oscillation frequency measurements 72742
Weingarten, W. *see* Benvenuti, C. 98478
Weingarten, W. *see* Cavallari, G. 67070
Weinger, A.M., Sadchikov, K.G., Potoskuev, S.U. The structure of universal microprocessor device for automatically guided AC drives 60518
Weinhous, M.S. *see* Nath, R. 77051
Weininger, S. *see* Leverich, M.K. 77015
Weinman, J.A. *see* Schols, J.L. 77357
Weinman, J.B., Jr. *see* Hsu, J.C. 48606
Weinmann, D., Hausler, W., Pfaff, W., Kramer, B., Weiss, U. Spin blockade in non-linear transport through quantum dots 55623
Weinmann, M. *see* Reuther, H.M. 66211
Weinmann, R. *see* Cebulla, U. 65812
Weinmeier, P. *see* Schroedl, M. 60522
Weinreb, K. *see* Sobczyk, T.J. 89869
Weinreb, S. *see* Budka, T.P. 61955
Weinreb, S. *see* Duncan, S.W. 80780
Weinreb, S. *see* Tu, D.-W. 80779
Weinreich, I. *see* Dahlke, S. 79724
Weinrib, A. The need for a software infrastructure to support community networking applications 85770
Weinrichter, H. *see* Mayr, B.J. 73628
Weinshall, D. Local shape approximation from shading 64789
Weinshall, D. Model-based invariant functions and their use for recognition 74624
Weinstein, A. *see* Becker, D.C. 85548
Weinstein, E., Oppenheim, A.V., Feder, M., Buck, J.R. Iterative and sequential algorithms for multisensor signal enhancement 57547
Weinstein, E. *see* Oppenheim, A.V. 51468
Weinstein, E. *see* Shalvi, O. 74159
Weinstein, E. *see* Yellin, D. 74201
Weinstein, H. *see* Hademenos, G.J. 59296
Weinstein, L. *see* Mandeville, J.B. 76855
Weinstein, L.F., Ercoline, W.R. Procedures and metrics for aircraft cockpit display evaluations 99061
Weinstein, R.E. *see* Owens, W.R. 100780
Weinstein, S.J., Vuppala, V., Gunther, M., Wang, A., Murphy, K., Claus, R.O. High temperature Fabry-Perot-based strain sensor for ceramic barrier filters 52922
Weinstein, S.L. *see* Schiff, S.J. 59393
Weinstein, S.L. *see* Schiff, S.J. 77018
Weintraub, B.L. *see* Sturrock, J.C. 76825
Weintraub, E. *see* Townsend, S. 53472
Weintraub, M. Keyword-spotting using SRI's DECIPHER large-vocabulary speech-recognition system 84069
Weintraub, M. *see* Murveit, H. 84039
Weintraub, M. *see* Neumeyer, L.G. 95247
Weiping Li, Ya-Qin Zhang A study of vector transform coding of subband-decomposed images 84757
Weiping Li *see* Qinghong Cao 75864
Weiping Shi *see* Peichen Pan 91832
Weiping Zhang, Chu, P.L., Xue, Y.L. Distortion of a modulated signal by multiwave mixing in an erbium-doped-fiber amplifier 72754
Weipo Zhang *see* Zhang Weipo
Weiqi Jin *see* Jin Weiqi
Weiqiang Li *see* Li Weiqiang
Weiqing Xie A nonlinear elliptic system modelling the thermistor problem 49677
Weiqun Cheng *see* Peng Jiang 100224
Weiqun Liu *see* Liu Weiqun
Weir, B. *see* Park, B.G. 62227
Weir, B.E., Feldman, T.C., Monroe, D., Grossmann, H.-J., Headrick, R.L., Hart, T.R. Electrical characterization of an ultrahigh concentration boron delta-doping layer 71086
Weir, D.G. *see* Lemonias, P.J. 55725
Weir, K. *see* Chitaree, R. 82549
Weir, K. *see* Chitaree, R. 98325
Weir, K. *see* Wang, D.N. 83397
Weir, K. *see* Yupapin, P.V.P. 87235
Weiran Wang *see* Wang Weiran
Weirauch, W. *see* Kruger, E. 86971
Weiren Liu *see* Liu Weiren
Weirong Xiao *see* Kuffe, M. 68528
Weis, B.X. *see* Apfelbeck, J. 65693
Weis, B.X. *see* Rheinschmitt, R. 65695
Weis, O. *see* Borst, T.H. 69935
Weis, R.S., Kersey, A.D., Berkoff, T.A. A four element fiber grating sensor array with phase sensitive detection 98060
Weisand, J., III *see* Burgett, W. 98480
Weisang, C., Neupert, D., Winkler, K. Knowledge-based information processing in supervisory control of power plants 68355
Weisbrich, A.L., Duffy, R.E., Rigamonti, G.F. WARP-X: a wind power system for the 21st century 78524
Weisbuch, C. Recent progress in III-V quantum optoelectronic devices 72825
Weisbuch, C. Fundamental research and device applications of molecular beam epitaxy grown heterostructures 91494
Weisbuch, C. *see* Slusher, R.E. 94399
Weisburn, B.A., Mitchell, S.G., Clark, C.W., Parks, T.W. Isolating biological acoustic transient signals 76874
Weise, K., Woger, W. Comparison of two measurement results using the Bayesian theory of measurement uncertainty 75810
Weiselthier, J.E., Barnhart, C.M., Ephremides, A. Optimal admission control in circuit-switched multihop radio networks 65593
Weisen, K., Lansky, R.M., Sobey, C. Recording asymmetries at large skew angles 50331
Weisenberger, A. *see* Majewski, S. 88005
Weisenberger, A. *see* Pourang, R. 55527
Weisenberger, A. *see* Zorn, C. 88099
Weisenberger, A.G., Cheung, F., Kross, B., Majewski, S., Wojcik, R., Zorn, C. Optimization of the use of small inexpensive side-window photomultiplier tubes for scintillator readout 81158
Weisenberger, A.G., Cheung, F., Kross, B., Majewski, S., Wojcik, R., Zorn, C. Optimization of the use of small inexpensive side-window photomultiplier tubes for scintillator readout 98631
Weisenberger, A.G., Day, A., Houck, J., Kross, B., Majewski, S., Piller, M., Wojcik, R., Zorn, C. Low cross-talk fiber readout of scintillating detectors 59136
Weisenberger, A.G. *see* Wojcik, R. 59086
Weisend, J., II *see* McInturff, A.D. 76652
Weisend, J.G., II, Levin, M., Franks, D., Pletzer, R., Augustynowicz, S., McInturff, A.D., Boroski, W. Heat leak performance of SSC collider dipole magnets 87684
Weisend, J.G., II *see* Datskov, V.I. 97966
Weisend, J.G., II *see* McInturff, A.D. 87671
Weisenseel, R.A. *see* Gaudreau, M.P.J. 69131
Weiser, G. *see* Hofmann, M. 50845
Weiser, K. *see* Haridim, M. 62149
Weiser, P.S., Prawer, S., Hoffman, A., Paterson, P.J.K., Manory, R.R. Chemically vapor deposited diamond films grown on titanium nitride coated and uncoated iron substrates 79906
Weisfield, R. *see* Wu, X.D. 66470
Weisgerber, A. *see* Kerber, M. 63037
Weisheng Jiang, Baoqun Cui, Hanjun Li The investigation of a negative hydrogen ion source 53209
Weishi Wan, Berz, M. Four cell third order achromats and their application to multi-pass time-of-flight spectrometers 67391

Weishu Wu, Campbell, S., Shaomin Zhou, Pochi Yeh Optical implementation of carry generation for a multiwavelength full adder 56469
Weishu Wu *see* Shaomin Zhou 82763
Weiskat, D. *see* von Schickfus, M. 66526
Weisman, D.L. Asymmetrical regulation: Principles for emerging competition in local service markets 96363
Weispfenning, V. Finite Grobner bases in non-Noetherian skew polynomial rings 69838
Weiss, A. *see* Eick, S.G. 85226
Weiss, A. *see* Forman, G.A. 90999
Weiss, A. *see* Moody, R.V. 61100
Weiss, A. *see* Xiangyong Wang 61101
Weiss, A.J., Friedlander, B. Preprocessing for direction finding with minimal variance degradation 64495
Weiss, A.J., Friedlander, B. Effects of modeling errors on the resolution threshold of the MUSIC algorithm 64499
Weiss, A.J., Friedlander, B. The effects of preprocessing on direction of arrival estimation 84532
Weiss, A.J., Friedlander, B., Stoica, P. Direction finding with interpolated mode 95620
Weiss, A.J. *see* Friedlander, B. 74076
Weiss, A.J. *see* Friedlander, B. 84534
Weiss, B. *see* Wenger, G. 97344
Weiss, B.L. *see* Geatches, R.M. 71175
Weiss, B.L. *see* Yang, Z. 82657
Weiss, C.O. *see* Slekys, G. 63676
Weiss, C.O. *see* Slekys, G. 94361
Weiss, E. *see* Baggs, R. 76791
Weiss, E. *see* Juravel, Y. 94274
Weiss, G.J., Landis, R. Advanced design of the control and safety systems for steam turbines 89592
Weiss, H. *see* Manser, H. 69404
Weiss, I. High-order differentiation filters that work 74305
Weiss, I. Invariants for recovering shape from shading 74616
Weiss, J. Homogeneous decomposition of polynomials 69792
Weiss, J. *see* Cole, R. 99929
Weiss, J. *see* Del Marco, S. 57598
Weiss, J. *see* Del Marco, S. 74045
Weiss, J.A. *see* Harris, N.W. 80598
Weiss, J.D. Impurity-doped fiber-optic shock position sensor 98076
Weiss, J.M. *see* Nelson, R.F. 68353
Weiss, L.E. *see* Fasching, M.M. 52836
Weiss, M.A., Weissert, T.P. Sifting through nine years of NIST clock data with TA2 66692
Weiss, P. *see* Oswald, R. 90428
Weiss, P.L., August, S., Peters, G., Sampalis, J. Using the Exos Handmaster to measure digital range of motion: reliability and validity 67457
Weiss, R. Probing the limits of logic synthesis 49248
Weiss, R. Error-minimizing Krylov subspace methods 54727
Weiss, R. Communication networks go digital 74819
Weiss, R. *see* Johnson, K.F. 76427
Weiss, R. *see* Platzner, M. 70678
Weiss, R. *see* Szeliski, R. 96060
Weiss, R. *see* Zhang, Z. 51687
Weiss, R.J. *see* Kish, F.A. 94290
Weiss, S. *see* Botkin, D. 56769
Weiss, S. *see* Johnson, R.K. 68180
Weiss, S. *see* Rent, K. 59815
Weiss, S. *see* Stewart, R.W. 77763
Weiss, S. *see* Wiesenfeld, J.M. 94478
Weiss, S.C., Edberg, T.K., Sadoulet, B. A high pressure gas scintillation drift chamber to search for evidence of a massive neutrino in the beta decay spectrum of ^{14}C 59088
Weiss, S.M. *see* Sasisekharan, R. 74856
Weiss, U. *see* Weinmann, D. 55623
Weiss, V., Friesem, A.A. Storage mechanism of volume phase holograms recorded in silver halide emulsions 73127
Weiss, V., Peled, A., Friesem, A.A. Spatial-frequency response of holographic gratings photodeposited from inorganic colloids 83365
Weiss, V. *see* Peled, A. 73163
Weissenberg, W. *see* Kunze, D. 59941
Weissenburger, D. *see* Ingold, G. 63868
Weissenburger, D.W. *see* Reusch, M.F. 72256
Weissenfelt, M. *see* Karkkainen, M. 49713
Weisser, A.S. *see* Schneider, H. 72876
Weisser, S., Esquivias, I., Ralston, J.D., Rosenzweig, J., Schonfelder, A., Larkins, E.C., Fleissner, J. Influence of facet reflectivity on the differential gain and K-factor in high-speed GaAs/AlGaAs and InGaAs/GaAs MQW lasers 63859
Weisser, S., Esquivias, I., Tasker, P.J., Ralston, J.D., Rosenzweig, J. Impedance, modulation response, and equivalent circuit of ultra-high-speed $In_{0.35}Ga_{0.65}As/GaAs$ MQW lasers with p-doping 72916
Weisser, S., Ralston, J.D., Larkins, E.C., Esquivias, I., Tasker, P.J., Fleissner, J., Rosenzweig, J. High-frequency characterization of 30 GHz p-type modulation-doped $In_{0.35}Ga_{0.65}As/GaAs$ MQW lasers 63863
Weisser, S., Tasker, P.J., Esquivias, I., Ralston, J.D., Rosenzweig, J. Impedance, modulation response, and equivalent circuit of ultra-high-speed InGaAs/GaAs MQW lasers 94517
Weisser, S. *see* Ralston, J.D. 83163
Weisser, S. *see* Schonfelder, A. 50857
Weisser, S. *see* Schonfelder, A. 83087
Weissert, T.P. *see* Weiss, M.A. 66692
Weisshaar, A. *see* Gallawa, R.L. 50459
Weissman, D.E. The application of a Ku-band scatterometer model function for friction velocity to SEASAT measurements and to airborne scatterometer measurements 77532
Weissman, D.E., Davidson, K.L., Brown, R.A., Friehe, C.A., Fuk Li The relationship between the microwave radar cross section and both wind speed and stress: model function studies using Frontal Air-Sea Interaction Experiment data 67847
Weissman, D.E., Plant, W.J., Stolte, S., Dugan, J.P. The modulation and coherence functions between atmospheric turbulence at the sea surface and the microwave radar cross section 99267
Weissman, J., Zolotoyabko, E., Levin, L., Ginzburg, A. Time stability of Fe films epitaxially grown on a GaAs substrate 48952
Weissman, M. *see* Jakobson, G. 58066
Weissman, Y. Optical noise in frequency-periodic networks 97256
Weissnar, G. Experiences with regional traction power supply control centres at Austrian Federal Railways 78899
Weisz, S. Proton extraction from the CERN-SPS by a bent crystal 66846
Weitkamp, C. *see* Luckow, F. 73188
Weitkamp, C. *see* Voss, E. 59549
Weitkamp, C. *see* Wandinger, U. 88766
Weitong Chuang, Hajj, I.N. Delay and area optimization for compact placement by gate resizing and relocation 91814
Weitsman, O.V. *see* Soicher, H. 83672
Weitsman, O.V. *see* Tsedilina, E.E. 73327
Weitz, K.A. *see* Warren, J.L. 90875
Weitz, R.L., Zimmer, W.J., Calton, T.L., Prairie, R. Model benchmarking with a statistical grading scale 54662
Weitzel, C.E., Palmour, J.W., Carter, C.H., Nordquist, K.J. 4H-SiC MESFET with 2.8 W/mm power density at 1.8 GHz 92536
Weitzel, W.F. *see* O'Donnell, M. 98771
Weitzen, J.A. *see* Cannon, P.S. 94811
Weitzing, H. *see* Meyer, R., Jr. 75938
Weitzman, D.O. Identifying information requirements for air traffic control problem solving 99123
Weitzman, P.S., Dunn, J.M., Mickelson, A.R. Approximate calculation of transmission line parameters and field distributions of coplanar electrodes in the presence of a buffer layer 51158
Weitzman, P.S., Kester, J.J., Osterberg, U. Electric field induced second harmonic generation in germanium doped silica planar waveguides 56372
Weitzman, P.S., Osterberg, U., Kester, J.J. Use of the asymmetric photoionization model to explain the length and time dependence of second harmonic generation in fibers 63971
Weiwei Mao, Ciletti, M.D. Reducing correlation to improve coverage of delay faults in scan-path design 49286
Weiwei Qi, Hoft, R.G. Induction motor sliding mode control performance results 68621
Weiwu Xu The challenges and the ways to deal with—where is airborne fire control radar going 59636
Weixel, J. *see* Plaza, D.J. 95558
Weixi Chen *see* Chen Weixi
Weixiao Liu *see* Liu Weixiao
Weixin Ma *see* Ma Weixin
Weixin Shen *see* Shen Weixin
Weixin Xie *see* Jianzhuang Liu 74436
Weixin Xie *see* Xiaofan Liu 57869
Weixing Fu *see* Fu Weixing
Weixing Lu *see* Lu Weixing
Weixing Ma *see* Ma Weixing
Weixun Lin *see* Xiao Ming Yuan 90180
Weiyi Jia, Huimin Liu, Yanyun Wang, Hommerich, U., Eilers, H., Hoffman, K., Yen, W.M. Stress effects on the fluorescence spectra of tetravalent chromium in some crystalline hosts 72570
Weiyi Jia *see* Huimin Liu 50920
Weiyi Yin *see* Yin Weiyi
Weiyou Chen *see* Chen Weiyou
Weiyuan Wang *see* Minyao Mao 91472
Weizer, V.G., Fatemi, N.S., Korenyi-Both, A.L. Nondestructive, ultra-low resistance, thermally stable contacts for use on shallow junction InP solar cells 100520
Weizhang Huang, Sloan, D.M. A simple adaptive grid method in two dimensions 69896
Weizhen Ma The systolic array implementation of DCT-4 74034
Weizhen Ma *see* Ruixiang Yin 95633
Weizhen Ni *see* Ni Weizhen
Weizhu Zhang *see* Zhang Weizhu
Weizuo Zhang *see* Kinzer, D. 80102
Wel, W.van der *see* van der Wel, W.
Welbourne, L.A., Clarke, J.A., Dykes, D.M., Hill, S.F., Hughes, E.A., Poole, M.W., Quinn, P.D., Smith, S.L., Suller, V.P. Single bunch effects in the Daresbury SRS 87820
Welbourne, L.A. *see* Clarke, J.A. 87809
Welbourne, L.A. *see* Poole, M.W. 67207
Welbourne, L.A. *see* Poole, M.W. 67245
Welbourne, L.A. *see* Quinn, P.D. 98464
Welch, A.J. *see* Jerath, M.R. 59399
Welch, A.J. *see* van Leeuwen, T.G. 77047
Welch, B.E. *see* Schmidt, J.W. 66733
Welch, D. New dawn beckons for semiconductor lasers 50867
Welch, D. *see* Goldberg, L. 83161
Welch, D. *see* Mar, A. 83160
Welch, D.F. *see* Bour, D.P. 56791
Welch, D.F. *see* Bour, D.P. 63787
Welch, D.F. *see* Ehlert, J.C. 83203
Welch, D.F. *see* Lang, R.J. 63795
Welch, D.F. *see* Mehuys, D. 63812
Welch, D.F. *see* Mehuys, D. 94527
Welch, D.F. *see* Mehuys, D.G. 72796
Welch, D.F. *see* Osinski, J.S. 83085
Welch, D.F. *see* Osinski, J.S. 94509
Welch, D.F. *see* Plano, W.E. 50854
Welch, D.O. *see* Fuerst, C.D. 50386
Welch, D.R. *see* Carlson, R.L. 67019
Welch, D.R. *see* Sanford, T.W.L. 76389
Welch, E. *see* Beaini, J.E. 54375
Welch, J.J. *see* Temnykh, A.B. 76534
Welch, J.J. *see* Temnykh, A.B. 87864
Welch, J.L. *see* Dolev, S. 74736
Welch, P.D. *see* Hood, S.J. 71267
Welch, R.L.W. *see* Perlstein, D. 54616
Welch, R.M. *see* Kwo-Sen Kuo 77395
Welch, R.V., Gay, C. Validation approach for the modular attitude determination control subsystem implemented on topex/poseidon (T/P) 59478
Welch, T. *see* Korba, L. 75988
Weldige, K.de *see* de Weldige, K.
Weldon, W.F. *see* Werst, M.D. 73242
Welfonder, E. *see* Hall, B. 99667
Welford, D. *see* Rines, D.M. 56665
Welgan, R. *see* Stormont, D.P. 88902
Welge, M.K. *see* Peier, D. 53658
Weling, M. *see* Jain, V. 62549
Weling, M.G. *see* Gabriel, C.T. 82063
Weling, M.G. *see* Gabriel, C.T. 93212
Weling Milind *see* Milind Weling
Welker, D.J. *see* Kuzyk, M.G. 82553
Welker, T. *see* Ronda, C.R. 56530
Well, A.A.van *see* van Well, A.A.
Well, J.A. *see* Wheless, W.P., Jr. 82231
Welland, D.R., Phillip, S.M., Leung, Ka.Y., Tuttle, G.T., Dupuie, S.T., Holberg, D.R., Jack, R.V., Sooch, N.S., Anderson, K.D., Armstrong, A.J., Behrens, R.T., Bliss, W.G., Dudley, T.O., Foland, W.R., Glover, N., King, L.D. A digital read/write channel with EEPR4 detection 93886
Wellegehausen, B. *see* Rittner, K. 72670
Wellekens, D. *see* Van Houdt, J. 80326
Weller, D. *see* Farrow, R.F.C. 91514
Weller, H.R. *see* Chasteler, R.M. 53285
Weller, J.F. *see* Frankel, M.Y. 56706
Weller, T., Hajek, B. Scheduling nonuniform traffic in a packet switching system with small propagation delay 64965
Weller, T.M., Katehi, L.P., Herman, M.I., Wamhof, P.D. Membrane technology (MIST-T) applied to microstrip: a 33 GHz Wilkinson power divider 80634
Weller, T.M. *see* Cheng, H. 49615
Weller, T.M. *see* Cheng, H. 92462
Welling, H. *see* Freitag, I. 63726
Welling, H. *see* Rittner, K. 72670
Wellman, B. *see* Haythornthwaite, C. 51933
Wellmann, P. *see* Waldmuller, S. 55569
Wells, A. *see* Fraser, G.W. 98552
Wells, A. *see* Owens, A. 67418
Wells, F.D., Shafer, R.E., Gilpatrick, J.D. Beam position monitoring in the 100-MHz to 500-MHz frequency range using the log-ratio technique 76492
Wells, G.M., Brodsky, E.L., Reilly, M., Taylor, J.W., Cerrina, F. The Center for X-ray Lithography facility status and beamlines development 88300
Wells, G.M. *see* Nachman, R. 81592
Wells, H.T. *see* Yu Lo Cyrus Chang 91132
Wells, J. *see* Hendtlass, T. 51402
Wells, J.D., Scott, D.S. Fuel cells for telephone networks 52040
Wells, K., Visvikis, D., Ott, R.J., Bateman, J.E., Stephenson, R., Connolly, J., Tappern, G. Operation of a BaF_2-TMAE prototype detector 88090
Wells, K. *see* Sanghera, B. 59303
Wells, O.C. *see* von Gutfeld, R.J. 61334
Wells, P. *see* Grant, J.A. 88374
Wells, R., Calkins, P., Balikov, H. Measuring environmental performance 90891
Wells, R.B. A simple but efficient iteration algorithm for self-consistent magnetic recording models 72153
Wells, R.O., Jr Wavelets and wave propagation modeling 59576
Wells, R.O., Jr. Adaptive wave propagation modeling 74048
Wells, R.O., Jr. *see* McCormick, K. 69858
Wells, R.O., Jr. *see* Rieder, A. 54653

Wells, R.O., Jr. *see* Rieder, A. 95500
Wells, R.P. *see* Kwan, J.W. 76727
Wells, R.P. *see* Young, A.T. 76304
Wells, T.B. *see* Birch, J.R. 76149
Wells, W.M., III *see* Grimson, W.E.L. 84809
Wells, W.M., III. *see* Menon, M.M. 64749
Wellssow, W.N. The significance of reliability indices to system planning 53723
Wellstead, P.E. *see* Di Mauro, E.C. 58980
Wellstood, F.C., Black, R.C., Mathai, A., Gim, Y., Song, D., Amar, A., Dantsker, E., Miklich, A.H., Nemeth, D.T., Kingston, J.J., Koelle, D., Ludwig, F., Clarke, J. Magnetic microscopy using SQUIDs 97906
Wellstood, F.C. *see* Amar, A. 56261
Wels, H.C. The analysis and feedback of power plant failures in the Netherlands 89417
Welser, J., Hoyt, J.L., Gibbons, J.F. Growth and processing of relaxed-$Si_{1-x}Ge_x$/strained-Si structures for metal-oxide semiconductor applications 62741
Welser, J., Hoyt, J.L., Gibbons, J.F. NMOS and PMOS transistors fabricated in strained silicon/relaxed silicon-germanium structures 62855
Welser, J., Hoyt, J.L., Gibbons, J.F. Evidence of real-space hot-electron transfer in high mobility, strained-Si multilayer MOSFETs 93419
Welsh, D.J. *see* Sagdeev, I.R. 59153
Welsh, J. *see* Rogers, W.J.S. 53978
Welsh, K. *see* Conley, W. 81650
Welsh, K. *see* Fahey, J. 81648
Welsh, M.C. *see* Wu, J. 98360
Welsh, W.J. *see* Shah, D. 85924
Welstand, R. *see* Yu, P.K.L. 71180
Welt, D. *see* Hilton, A.R., Sr. 63333
Welti, A.L., Bernhard, U.P. Mean time to lose lock of the first- and second-order modified code tracking loop used in spread spectrum systems 65591
Welti, A.L., Bobrovsky, B.-Z. On optimal AGC structure for direct sequence spread spectrum PN-code tracking 52330
Welti, A.L., Bobrovsky, B.Z. Mean time to lose lock for the "Langevin"-type delay-locked loop 85211
Welti, M. Future-oriented cabling concepts for communications installations. 2 86026
Welti, M. Communications cabling systems for buildings 86030
Welti, M. Future-oriented cabling concepts for communications installations. 3. Requirements of installation components 86031
Welton, S. *see* Bonito-Oliva, A. 94025
Welton, S. *see* Miller, J.R. 82404
Welton, S. *see* Van Sciver, S.W. 94003
Welz, F., Rothig, J. A preventative load control scheme for BISDN/ATM 85867
Weman, K. Health hazards caused by electromagnetic fields during welding 53483
Wen, C. *see* Serafin, C. 96879
Wen, C. *see* Wang, Y. 53674
Wen, C.P. *see* Kuno, H.J. *(editor)* 79115
Wen, D. *see* Lawler, B. 66469
Wen, F., Gajdeczko, B. A two-point method for turbulent pipe flow measurements 76257
Wen, H.M. *see* Li, J.D. 93908
Wen, J.G. *see* Joosse, K. 50399
Wen, S., Chi, S. Undoing of soliton interaction by optical phase conjugation 50934
Wen, S. *see* Chen, C.-Y. 56732
Wen, S.J., Campet, G. Electronic properties of Sn- or Ge-doped In_2O_3 semiconductors 62196
Wen, X.Y. *see* Jin, S. 81456
Wen, Z., Farhat, N.H., Lin, S.Y. Pulsating neuron produced by electron-trapping materials 94224
Wen Bin Tian *see* Tian Wen Bin
Wen Chang Huang, Tan Fu Lei, Chung Len Lee Pd-Ge contact to n-GaAs with the TiW diffusion barrier 49812
Wen Chen Dao *see* Dao Wen Chen
Wen Chia-Hsien *see* Chia-Hsien Wen
Wen Ching Wu, Chung Len Lee, Jwu E Chen, Won Yih Lin Distributed fault simulation for sequential circuits by pattern partitioning 49338
Wen Ching-Ju *see* Ching-Ju Wen
Wen Chou Jih *see* Jih Wen Chou
Wen Daigang, Jiang Kexun P-version adaptive computation of FEM 83509
Wen De Zhong, Tsukada, M., Yukimatsu, K., Shimazu, Y. Terahipas: a modular and expandable terabit/second hierarchically multiplexing photonic ATM switch architecture 75165
Wen Duen-Shun *see* Duen-Shun Wen
Wen Fushuan, Han Zhenxiang Fault section estimation in power systems using genetic algorithm and simulated annealing 77822
Wen Geyi The method of measuring equation of invariance and its applications 94932
Wen Hao Huang *see* Huang Wen Hao
Wen Jian-guo *see* Jian-guo Wen
Wen Jiang *see* Jiang Wen
Wen Jing, Paterakis, M. Message delay analysis of the DQDB subnetwork based on an approximate node model 52167
Wen Jinke *see* Jinke Wen
Wen Junding, Yong-Zhong Xiong, Mei-Juan Shi, Guo-Fong Chen, Ming-De Yu Analysis of twin ferrite toroidal phase shifter in grooved waveguide 55376
Wen Kuei-Ann *see* Kuei-Ann Wen
Wen Kun-Li *see* Kun-Li Wen
Wen Li Jiin *see* Jiin Wen Li
Wen Liang-Chi *see* Liang-Chi Wen
Wen Lin Chiou *see* Yau, S.S.-T. 74116
Wen Liu *see* Liu Wen
Wen Ma, Chin Chou Lim, Saida, T., Okamoto, H., Hamakawa, Y. Microcrystalline silicon carbide — new useful material for improvement of solar cell performance 100592
Wen Ma *see* Horiuchi, T. 68998
Wen Mei *see* Bangjiao Ye 59205
Wen Qian *see* Qian Wen
Wen Senfar *see* Senfar Wen
Wen Shu *see* Hmurcik, L.V. 70418
Wen Wei, Mendel, J.M. Optimality tests for the fuzzy c-means algorithm 91328
Wen Xia *see* Xia Wen
Wen Xiangcai *see* Guan Zhihong 54780
Wen Xiangcai *see* Guan Zhihong 79523
Wen Xiao-Jian *see* Zhu Ming-Wu 97960
Wen Xing Zeng *see* Zeng Wen Xing
Wen Xuhui *see* Xuhui Wen
Wen Xun Zhang *see* Hong Cheng Yin 76157
Wen Ying *see* Ying Wen
Wen Yue *see* Yue Wen
Wen Zenyin *see* Tu Guangyu 59688
Wen Zheng Huang *see* Susaki, M. 56507
Wen Zhengquan Modified nodal analysis for canonical piecewise linear dynamic network 91864
Wen Zhiyu *see* Zhiyu Wen
Wen Zhongmin *see* Zhongmin Wen
Wen-an Loong, Shyi-long Shy, Guey-chi Guo, Yueh-lin Chou Simulation and fabrication of a new phase shifting mask for 0.35 μm contact hole pattern transfer: halftone-rim 62583
Wen-Ben Jone, Cheng-Juei Wu Multiple fault detection in parity checkers 70443
Wen-Bin Yang, Geraniotis, E. Admission policies for integrated voice and data traffic in CDMA packet radio networks 65556
Wen-Chang Fang, Gupta, S.K. Clock grouping: a low cost DFT methodology for delay testing 92131
Wen-Chau Lee, Marks, F.D., Jr., Carbone, R.E. Velocity track display—a technique to extract real-time tropical cyclone circulations using a single airborne Doppler radar 99205
Wen-Chau Liu, Der-Feng Guo, Shiuh-Ren Yih, Jing-Tong Liang, Lih-Wen Liah, Gau-Ming Lyuu GaAs-InGaAs quantum-well resonant-tunneling switching device grown by molecular beam epitaxy 55874
Wen-Chen Chu, Bin-Kwie Chen, Pao-Hau Yu The measurement and economic evaluation of the residential wiring system losses 89213
Wen-Chih Huang, Cheng-Yan Kao, Jorng-Tzong Horng A genetic algorithm approach for set covering problems 91323
Wen-Chin Chen *see* Ming Ouhyoung 58093
Wen-Chin Tsay *see* Tean-Sen Jen 63597
Wen-Chun Chen *see* Wei-Kuo Chen 70056
Wen-Chung Liu *see* Guan-Wu Wang 86304
Wen-Der Chen, Jung-Jae Chao An improved PN matched filter rapid acquisition system 74128
Wen-Der Wang *see* Zsehong Tsai 58084
Wen-Fa Wu, Bi-Shiou Chiou Properties of radio-frequency magnetron sputtered ITO films without in-situ substrate heating and post-deposition annealing 70074
Wen-Fa Wu, Bi-Shiou Chiou, Shu-Ta Hsieh Effect of sputtering power on the structural and optical properties of RF magnetron sputtered ITO films 61377
Wen-Fei Liu *see* Liu Wen-Fei
Wen-Feng Hsieh *see* Kuei-Huei Lin 56832
Wen-Gong Shieh, Weems, B.P., Kavi, K.M. Extending N-grid group authorization using compact encoding 95217
Wen-Gou Lin, Shuenn-Shyang Wang A note on the calculation of moments 95844
Wen-Hao Cheng, Gluckstern, R.L., Okamoto, H. Synchrobetatron coupling effects in alternating phase focusing 66908
Wen-Hsiang Shen *see* Hsuen-Chyun Shyu 75541
Wen-Hsiang Tsai *see* Ja-Chen Lin 64593
Wen-Hsiang Tsai *see* Shyi-Chyi Cheng 95150
Wen-Hsien Fang, Yagle, A.E. Two-dimensional linear prediction and spectral estimation on a polar raster 51450
Wen-Hsing Hsu *see* Yung-Sheng Chen 74468
Wen-Hui Su *see* Xiao Tong 81230
Wen-Inne Tsai, York-Yih Sun Design and implementation of three phase HIPWM inverters with instantaneous and average feedback 90207
Wen-Inne Tsai *see* Jia-You Lee 90147
Wen-Inne Tsai *see* Yu-Ming Chang 90158
Wen-Ji Peng *see* Zhong Ouyang 73002
Wen-Jiang Chen *see* Che-Ho Wei 86095
Wen-Jie Chang *see* Chong-Yung Chi 95404
Wen-Jie Zhang *see* Yao-Nan Yu 99424
Wen-Jone Chen *see* Jiunn-Lee Lin 77038
Wen-Juh Kang *see* Jiue-Rou Shin 77017
Wen-Jyh Sah *see* Kang-Chen Lin 58858
Wen-Lian Li, Gui Yu, Xu Zhao The preparation and luminescence of Eu(III) activated o-phenanthroline containing Gd(III) succinate phosphors 56528
Wen-Liang Hwang Parameter estimation of a fractional Brownian motion in a white noise using wavelets 95634
Wen-Liang Kao *see* Yu Chang Tzeng 88869
Wen-Liang Wu *see* Smith, C.E. 92695
Wen-Min Hong *see* Jin-Fa Zhang 90661
Wen-Ming Qian *see* Qian Wen-Ming
Wen-Nan Song *see* Song Wen-Nan
Wen-Pin Lien *see* Jiunn-Lee Lin 77038
Wen-Qi Gu *see* Gu Wen-Qi
Wen-Rong Wu Blind ghost cancellation for HDTV 97639
Wen-Rong Wu, Peen-Pau Cheng A nonlinear IMM algorithm for maneuvering target tracking 73963
Wen-Ruey Wu *see* Chii-Lian Lin 74849
Wen-Sheng Wang *see* Bhat, I.B. 61257
Wen-Sheng Zeng *see* Zeng Wen-Sheng
Wen-Shiow Kao, Chia-Jen Lin, Chiang-Tsang Huang, Yung-Tien Chen, Chiew-Yann Chiou Comparison of simulated power system dynamics applying various load models with actual recorded data 59769
Wen-Shyang Chen, Yuan-Tung Cheng, Kin-Lu Wong Circularly polarized radiation from a rectangular microstrip patch antenna on a uniaxial substrate 64221
Wen-Shyang Chen *see* Kin-Lu Wong 51240
Wen-Sing Wang *see* Kuo-Hua Wang 92035
Wen-Tao Huang, Huei-Tsan Lin The accelerated life test for lognormal distribution based on type I and type II censored data 69530
Wen-Teng Lo, Tzuang, C.-K.C., Peng, S.-T., Lin, C.-H. Full-wave and experimental investigations of resonant and leaky phenomena of microstrip step discontinuity problems with and without top cover 92461
Wen-Thong Chang *see* Ming-Haw Yaou 61806
Wen-Thong Chang *see* Ming-Haw Yaou 73969
Wen-Tseng Chiang *see* Yong-Cheng Liou 76086
Wen-Tsuen Chen, Chia-Hsien Wen, Chin-Wen Yang A fast two-dimensional entropic thresholding algorithm 64740
Wen-Tsuen Chen, Huai-Jen Liu, Yeong-Tsong Tsay A high-throughput cell scheduling algorithm for delay-sensitive traffic in broadband switching systems 64991
Wen-Tsuen Chen, Pi-Rong Sheu, Jiunn-Hwa Yu Time slot assignment in TDM multicast switching systems 51744
Wen-Wei Yang *see* Chen-Yi Lee 92298
Wen-Xian Yu *see* Yu Wen-Xian
Wen-Xiang Lu *see* Lu Wen-Xiang
Wen-Yeau Chang *see* Hong-Tzer Yang 60023
Wen-Yen Hwang, Miller, D.L., Chen, Y.K., Humphrey, D.A. Carbon doping of InGaAs in solid-source molecular beam epitaxy using carbon tetrabromide 55726
Wen-Yen Wu *see* Wang, M.-J.J. 95732
Wen-Yi Wang *see* Wang Wen-Yi
Wen-Yu Su, Kim, S.K. High resolution reconstruction of video frames 74524
Wen-Zen Shen *see* Jiing-Yuan Lin 92155
Wenas, M., Theys, M. Provision of the broadband connectionless data bearer service in N-ISDN 96803
Wenas, W.W., De, A., Yamada, A., Konagai, M., Takahashi, K. Optimization of ZnO for front and rear contacts in a-Si solar cells 100582
Wenas, W.W., Yamada, A., Konagai, M., Takahashi, K. Metalorganic chemical vapor deposition of ZnO using D_2O as oxidant 48998
Wenas, W.W., Yoshino, M., Tabuchi, K., Yamada, A., Konagai, M., Takahashi, K. Large-area ZnO films grown by photo-MOCVD and their application to a-Si solar cells 100545
Wenbiao Wang *see* Yu, D.C. 78254
Wenbin Meng *see* Meng Wenbin
Wenbing Wang *see* Wang Wenbing
Wenbo Chen *see* Chen Wenbo
Wenbo Mao, Boyd, C. Development of authentication protocols: some misconceptions and a new approach 74691
Wenbo Wang *see* Wang Wenbo
Wenbo Xu *see* Andrews, M.P. 56914
Wencheng Niu *see* Niu Wencheng
Wencheng Wang *see* Shihong Ma 94647
Wencheng Wu, Chaung Lin Optimal reliable control system design for steam generators in pressurized water reactors 53894
Wenckebach, W.T. *see* Strijbos, R.C. 63751
Wenckebach, W.T. *see* Strijbos, R.C. 82988
Wende, G. *see* Meyer, H.-G. 66112
Wende Chen *see* Dongfeng Li 95111
Wendel, M., Kuhn, S., Lorenz, H., Kotthaus, J.P., Holland, M. Nanolithography with an atomic force microscope for integrated fabrication of quantum electronic devices 81742
Wendel, M. *see* Lettau, C. 93037
Wendel, R. *see* Von Marquardt, J. 83746
Wendhausen, P.A.P., Bo-Ping Hu, Gebel, B., Eckert, D., Handstein, A., Muller, K.-H. Metal bonded $Sm_2Fe_{17}C_x$ permanent magnets 72184
Wendhausen, P.A.P., Hu, B.-P., Handstein, A., Eckert, D., Pitschke, W., Muller, K.-H. Modified $Sm_2Fe_{17}N_y$ permanent magnets 50200

Wendhausen, P.A.P. *see* Bo-Ping Hu 72019
Wendhausen, P.A.P. *see* Handstein, A. 50199
Wendhausen, P.A.P. *see* Muller, K.-H. 72181
Wendin, G. *see* Hurd, M. 72224
Wendler, E. *see* Muller, P. 49867
Wendong Zhu *see* Zhu Wendong
Wendorff, J.H. *see* Anderle, K. 64038
Wendsche, S. *see* Habiger, E. 83706
Wendt, A.E. *see* Kirmse, K.H.R. 93207
Wendt, H. Improved slow-motion video reproduction through VT and VCM technology 97686
Wenfang Sun *see* Jinhai Si 63948
Wenfang Sun *see* Jinhai Si 73023
Wenfeng Sun *see* Sun Wenfeng
Weng, F., Ferraro, R.R., Grody, N.C. Global precipitation estimations using Defense Meteorological Satellite Program F10 and F11 special sensor microwave imager data 88754
Weng, H.M. *see* Beling, C.D. 87662
Weng, H.M. *see* Shan, Y.Y. 81226
Weng, J. Error correction in high-frequency "on-wafer" measurements 66665
Weng, J., Cui, U., Ahuja, N., Singh, A. Integration of transitory image sequences 84710
Weng, W.T. *see* Reece, R.K. 87835
Weng, W.T. *see* Zhang, S.Y. 87908
Weng, W.T. *see* Zhang, S.Y. 98398
Weng, W.Y. Operation of the Brookhaven AGS with the Booster 87827
Weng, X. *see* Sobolewski, R. 63308
Weng, Y., Zeng, G.L., Gullberg, G.T. A reconstruction algorithm for helical cone beam SPECT 59294
Weng, Z.H. *see* De-Gui Sun 72504
Weng Cheng-l *see* Cheng-l Weng
Weng Cheng-Ming *see* Cheng-Ming Weng
Weng Cho Chew, Weedon, W.H. A 3D perfectly matched medium from modified Maxwell's equations with stretched coordinates 94797
Weng Cho Chew *see* Cai-Cheng Lu 73253
Weng Cho Chew *see* Jianming Jin 57037
Weng Cho Chew *see* Otto, G.P. 88480
Weng Cho Chew *see* Qing-Huo Liu 77301
Weng Cho Chew *see* Qing-Huo Liu 83599
Weng Cho Chew *see* Qing-Huo Liu 88727
Weng Cho Chew *see* Wagner, R.L. 73251
Weng Chun-Jen *see* Chun-Jen Weng
Weng Huiming *see* Huiming Weng
Weng Wanyu Discussion on nonattended substation 78760
Weng Ying-Hong *see* Cai Dun-He 58973
Weng Zhao-Heng *see* Zhao-Heng Weng
Weng-Sieh, Z., Krulevitch, P., Gronsky, R., Johnson, G.C. Stress-induced formation of structural defects on the {311} planes of silicon 81189
Wengang Lu *see* Jia-Guu Leu 74379
Wengbing Wang *see* Wang Wengbing
Wengdong Zhang *see* Jing Zu 98184
Wenge Ren *see* Gelin Chen 88897
Wenge Yang, Messler, R.W., Jr., Felton, L.E. Microstructure evolution of eutectic Sn-Ag solder joints 79976
Wengenroth, H. *see* Padmanaban, M. 81618
Wengenroth, H. *see* Spiess, W. 81620
Wenger, G., Stoll, L., Weiss, B., Schienle, M., Muller-Nawrath, R., Eichinger, S., Muller, J., Acklin, B., Muller, G. Design and fabrication of monolithic optical spot size transformers (MOSTs) for highly efficient fiber-chip coupling 97344
Wenger, G. *see* Achatz, V. 94315
Wenger, G.M., Machusak, D.A. Soldering evaluations of organic solderability preservatives 92717
Wenger, H.J. *see* Hoff, T. 100002
Wenger, P.-A. *see* Mantle, H. 96362
Wengler, M.J. *see* Dubash, N.B. 58709
Wengler, M.J. *see* Pance, G. 55421
Wengping Li *see* Li Wengping
Wenguang Rao *see* Rao Wenguang
Wenguo Yong *see* Jiubin Tan 98297
Wenham, S.R., Honsberg, C.B., Green, M.A. Buried contact silicon solar cells 100564
Wenham, S.R. *see* Aberle, A.G. 100625
Wenham, S.R. *see* Bowden, S. 100705
Wenham, S.R. *see* Dai, X.M. 100628
Wenham, S.R. *see* Green, M.A. 100562
Wenham, S.R. *see* Green, M.A. 100608
Wenham, S.R. *see* Honsberg, C.B. 100577
Wenham, S.R. *see* Shi, Z. 100761
Wenham, S.R. *see* Zhao, J. 100728
Wenhong Wang *see* Wang Wenhong
Wenhua Liu, Renjie Ding, Zhonghong Wang Integrated optimal control of speed, excitation and load sharing of parallel operating diesel generator sets 60114
Wenhua Zhu *see* Chenglu Lin 49873
Wenhua Zong *see* Zong Wenhua
Wenhui Duan *see* Jia-Lin Zhu 93017
Wenhui Hau *see* Hau Wenhui
Wenhui Zhang *see* Zhang Wenhui
Wenig, E. *see* Hartlieb, C. 52079
Weniger, R. *see* Magee, M. 57640
Wenjie Ren, Fujie Cheng, Shikung Lee, Zhijiang Yang, Ji Miao, Xubang Shen A fast placer for wafer scale 80034
Wenjing Li *see* Li Wenjing
Wenjun, Z. Transient scattering in dispersive media by FDTD method 94709
Wenjun Zhang *see* Zhang Wenjun
Wenlan Xu, Fu, Y., Willander, M., Shen, S.C. Theory of normal-incidence absorption for the intersubband transition in n-type indirect-gap semiconductor quantum wells 66363
Wenli Xu *see* Xu Wenli
Wenlong Hu *see* Hongyan Sun 84545
Wenlong Wang *see* Chenhsin Lien 81946
Wenlong Zhan *see* Kurata, M. 98524
Wenlong Zhan *see* Zhan Wenlong
Wenlong Zhang *see* Zhang Wenlong
Wenlu Wang, Minxian Wu, Shutian Liu, Jie Wu, Chunfei Li Feature enhanced IPA neural network and optical realization 56489
Wennan Song *see* Song Wennan
Wennberg, P.O., Cohen, R.C., Hazen, N.L., Lapson, L.B., Allen, N.T., Hanisco, T.F., Oliver, J.F., Lanham, N.W., Demusz, J.N., Anderson, J.G. Aircraft-borne, laser-induced fluorescence instrument for the in situ detection of hydroxyl and hydroperoxyl radicals 67814
Wennekers, P. Dual-modulus frequency dividers with minimum gate count 70436
Wennersten, R. *see* Heino, P. 60882
Wennerstrom, O. *see* Berggren, M. 82842
Wennerstrom, O. *see* Berggren, M. 94296
Wenninger, J. *see* Arnaudon, L. 66851
Wenocur, R.S. A probabilistic proof of Gauss' ${}_2F_1$ identity 91284
Wenpeng Lang *see* Lang Wenpeng
Wenqin Zhang *see* Zhang Wenqin
Wenrong Sun *see* Wei Jiang 55692
Wenshan Yang, Chong Li Strong unicity for monotone approximation by reciprocals of polynomials 69816
Wenshen Wang, Datong Chen, Fetterman, H.R., Yongqiang Shi, Steier, W.H., Dalton, L.R. Traveling wave electro-optic phase modulator using cross-linked nonlinear optical polymer 72451
Wenshun Tian *see* Tian Wenshun
Wensley, P.R. *see* Grant, M.F. 72368
Wentai Liu, Gray, C.T., Fan, D., Farlow, W.J., Hughes, T.A., Cavin, R.K. A 250-MHz wave pipelined adder in 2-μm CMOS 80278
Wentai Liu *see* Gray, C.T. 52782
Wentai Liu *see* Gray, C.T. 80287
Wentao Hu *see* Hu Wentao
Wentao Zhang *see* Zhang Wentao
Wentink, R., Carbone, J. Charge injection device (CID) technology—a solution for photon and particle imaging applications 88301
Wentworth, R.H. Small-signal resonance distortion of semiconductor lasers 63794
Wentz, M.L., Drapcho, C.L.A. The formation of focused teams for technology exchange 54414
Wentzel, S., Jendral, A., Brauer, R., Bryngdahl, O. Increase of the space-bandwidth product of computer-generated near-field holograms by optical means 83385
Wenwu Cao *see* Zhang, Q.M. 71853
Wenxian Yu *see* Yu Wenxian
Wenxiang Zheng *see* Zheng Wenxiang
Wenxin Zheng, Hulten, O., Rylander, R. Erbium-doped fiber splicing and splice loss estimation 50489
Wenxiu Zhang *see* Zhang Wenxiu
Wenxuan Guo *see* Guo Wenxuan
Wenxun Zhang *see* Zhang Wenxun
Wenyan Li *see* Li Wenyan
Wenyan Tang, Xifu Qiang, Feifan Chen A new system for automatic measurement of the three-dimensional form of turbine blades 87008
Wenyan Tang *see* Tang Wenyan
Wenyan Yin *see* Yin Wenyan
Wenyan Zhang *see* Weimers, L. 68184
Wenyi Chen *see* Hong Zhao 74447
Wenyu Gao *see* Gao Wenyu
Wenyuan Guo *see* Guo Wenyuan
Wenyuan Wei *see* Wei Wenyuan
Wenyuan Xu, Kaveh, M. The optimum weight of angle-dependent weighted MUSIC and its approximations 95616
Wenyuan Xu *see* Zhong Chen 93488
Wenyuan Xu *see* Xu Wenyuan
Wenzel, F. *see* Daring, H. 75453
Wenzel, F. *see* Schmietainski, U. 56341
Wenzel, H. Electrical equipment for use in the presence of explosive dust atmosphere—experiences in Germany since 1980 53983
Wenzel, H., Hauschild, M.Z., Jorgensen, J., Alting, L. Environmental tools in product development 90909
Wenzel, H., Wunsche, H.-J. An equation for the amplitudes of the modes in semiconductor lasers 83121
Wenzel, H. *see* Amidei, D. 98639
Wenzel, J. *see* Wei, K. 63341
Wenzel, K.W., Li, C.K., Pappas, D.A., Korde, R. Soft X-Ray silicon photodiodes with 100% quantum efficiency 88058
Wenzel, K.W., Li, C.K., Pappas, D.A., Korde, R. Soft X-ray silicon photodiodes with 100% quantum efficiency 98690
Wenzhe Luo *see* Luo Wenzhe
Wenzhen Zhang *see* Zhang Wenzhen
Wenzhong Shi, Ehlers, M. "S-BAND", a model to describe uncertainty of an object in an integrated GIS/remote sensing environment 67897
Wenzhong Zhang *see* Zhang Wenzhong
Weon Goo Kim *see* Yong Hoon Lim 73794
Weon-Guk Jeong *see* Seoung-Hwan Park 56768
Werahera, P.N., Jayasumana, A.P. Fiber distributed data interface: throughput evaluation with multiple classes of traffic 52146
Wercinski, P.F. *see* Hubbard, G.S. 88069
Wercinski, P.F. *see* Hubbard, G.S. 98614
Wercinski, P.F. *see* McMurray, R.E., Jr. 59110
Werding, R. *see* Bruckner, W. 88025
Wereley, N.M. Active damping of flexible rotor blades using ER fluid based actuators 88622
Werelius, P., Tharning, P., Holmgren, B., Gafvert, U. High voltage dielectric response as a tool for diagnostics of XLPE cables 89287
Werf, F.Van de *see* Van de Werf, F.
Werf, J.van der *see* van der Werf, J.
Wergen, W. *see* Steinhagen, H. 99188
Wergifosse, C.de *see* de Wergifosse, C.
Werbo, D. *see* Christenson, K.K. 71327
Werin, S. Simulations of the beam performance in the MAX-II electron storage ring 67259
Werin, S. *see* Andersson, A. 53104
Werkema, S.J., Fullett, K.D., Ping Zhou Measurement of trapped ion pockets and control of ion instabilities in the Fermilab antiproton accumulator 87922
Werkema, S.J., Peterson, D.W., Ping Zhou Transverse emittance growth in the Fermilab antiproton accumulator with high-current antiproton stacks 87886
Werkema, S.J. *see* Zhou, P. 87920
Werkhoven, C., Granneman, E., Hendriks, M., de Blank, R., Verhaverbeke, S., Mertens, P., Meuris, M., Vandervorst, W., Heijns, M., Philipossian, A. Wet and dry HF-last cleaning process for high-integrity gate oxides 62493
Werkhoven, C. *see* Reuss, R.H. 63028
Werle, P., Scheumann, B., Schandl, J. Real-time signal-processing concepts for trace-gas analysis by diode-laser spectroscopy 98343
Werlen, M. *see* Chen, M. 67349
Werlich, H. *see* Strand, T.C. 63345
Werman, M. *see* Berthod, M. 74600
Werman, M. *see* Hel-Or, Y. 84791
Wermeyer, K. *see* Weck, M. 63920
Wern-Ho Sheen, Stuber, G.L. Error probability for maximum likelihood sequence estimation of trellis-coded modulation on ISI channels 57358
Wern-Ho Sheen, Stuber, G.L. Effects of multipath fading on delay-locked loops for spread spectrum systems 58291
Wern-Jieh Sun, Sechen, C. A loosely coupled parallel algorithm for standard cell placement 91813
Wern-Jun Wang *see* Bor-Shenn Jeng 95296
Werneck, M.M., Barrientos, E.M. Fiberoptic transmission of biological signals 76962
Werner, C. *see* Kersch, A. 61394
Werner, C. *see* Small, D. 77284
Werner, C.L. *see* Zebker, H.A. 77324
Werner, D.H., Werner, P.L., Breakall, J.K. Some computational aspects of Pocklington's electric field integral equation for thin wires 57270
Werner, D.H. *see* Breakall, J.K. 51224
Werner, D.H. *see* Breakall, J.K. 73523
Werner, D.H. *see* Gera, A.E. 73503
Werner, F. *see* Theirich, D. 54995
Werner, J. *see* Fliegel, W. 66539
Werner, J. *see* Wallentowitz, H. 78979
Werner, J.-J. *see* Harman, D.D. 86758
Werner, J.H., Kolodinski, S., Queisser, H.J. Novel optimization principles and efficiency limits for semiconductor solar cells 69013
Werner, J.H. *see* Kolodinski, S. 78831
Werner, J.H. *see* Schofthaler, M. 81206
Werner, J.H. *see* Schofthaler, M. 100477
Werner, J.J. *see* Ahamed, S.V. 85595
Werner, K. Flat panels fill the color bill for laptops 76117
Werner, K. Higher visibility for LEDs 78997
Werner, M., Dorsch, O., Baerwind, H.U., Ersoy, A., Obermeier, E., Johnston, C., Romani, S., Chalker, P.R., Moore, V., Buckley-Golder, I.M. Very low resistivity Al-Si ohmic contacts to boron-doped polycrystalline diamond films 81345
Werner, M. *see* Bottcher, A. 65742
Werner, M. *see* Klein, A. 65683
Werner, M.J., Drummond, P.D. Strongly coupled nonlinear parametric solitary waves 56861
Werner, P. *see* Kirstaedter, N. 83054
Werner, P.L. *see* Werner, D.H. 57270
Werner, R., Haux, R., Leiner, F., Winter, A. On the necessity of mobile information processing in hospitals 86192
Werner, S. *see* Dickmanns, E.D. 77139
Werner, T. *see* Bertz, A. 49879
Werner, T. *see* Cox, J.A. 66625
Werner, W. *see* Berg, H.P. 89458
Werner, W. *see* Blomenhofer, H. 65976
Werner, W.V. Optical amplifiers and optical fiber sensors integrated to form an all-optical multiplexed system 52894
Werness, S.A., Wei, S.C., Carpinella, R. Experiments with wavelets for compression of SAR data 59600
Werness, S.A.S. *see* Stuff, M.A. 75626
Wernick, M.N., Morris, G.M. Effect of spatial coherence on knife-edge measurements of detector modulation transfer function 87291

Wernicke, G., Hornung, J., Gruber, H. Holographic microscopy with conjugated reconstruction for the investigation of deformations of surfaces 56983
Wernke, M. *see* Berger, M.G. 62255
Wernli, C. *see* Azimi-Garakani, D. 88158
Wernli, C. *see* Marshall, T.O. 88598
Werno, J., Kersjes, R., Mokwa, W., Vogt, H. Reduction of heat loss of silicon membranes by the use of trench-etching techniques 66203
Werntz, P.C., Stutzman, W.L., Takamizawa, K. A high-grain trireflector antenna configuration for beam scanning 94981
Wernz, H. *see* Moller, M. 75411
Wernz, H. *see* Moller, M. 80147
Wernz, H. *see* Moller, M. 86457
Werra, D.de *see* de Werra, D.
Wersing, W. *see* Bruchhaus, R. 79911
Werst, M.D., Ingram, S.K., Wehrlen, D.J., Weldon, W.F. High magnetic field generation using single-turn coils 73242
Wert, J.L. *see* Oberg, D.L. 70580
Werter, M.J. FSK demodulation with an adaptive direct form II filter 83913
Werter, M.J., Willson, A.N., Jr. Automated programming of digital filters for parallel processing implementation 49556
Werter, M.J. *see* Kwentus, A.Y. 70627
Werth, G. Present status and prospects of ion trap frequency standards 58616
Werth, L. *see* Mahn, U. 78904
Wertheizer, G. *see* Berger, S. 70672
Werthen, M. *see* Rittweger, M. 79437
Werthen, M. *see* Rittweger, M. 92598
Werthenbach, U. *see* Schmidt, S. 76792
Werthimer, D.R. *see* Kapadia, A.A. 70752
Werthmann, J.R. *see* Hong, L. 57468
Werthner, H. *see* Hitz, M. 52197
Wescehnfelder, K.D., Oeynhausen, H., Bergmann, D., Hosbein, P., Termuehlen, H. Turbine steam path replacement at the Grafenrheinfeld nuclear power station 89451
Wesch, W. *see* Muller, P. 49867
Wesche, R. *see* Fuchs, A.M. 94005
Wesche, R. *see* Pasztor, C. 89293
Wesel, R.D., Gray, R.M. Bayes risk weighted VQ and learning VQ 57910
Wesela, M.F. *see* Luke, P.N. 88123
Wesenbeeck, P.J.M.M.van *see* van Wesenbeeck, P.J.M.M.
Wesley, J.C., Mondino, P.-L. Status of the poloidal field system design for the International Thermonuclear Experimental Reactor 82409
Wesley, R. *see* Wong, K.Y. 89569
Wesley, S.A. *see* Canter, K.F. 81161
Wesling, P., Emamjomeh, A. TAB inner-lead bond process characterization for single-point laser bonding 62032
Wesner, J. *see* Gatenby, D.A. 48643
Wesolowski, C. Error correction with Hamming codes 51329
Wesolowski, P.J. *see* Woisetschlager, J. 88378
Wesolowski, W. *see* White, M. 67007
Wessel, J.G., Repasky, K.S., Carlsten, J.L. Efficient seeding of a Raman amplifier with a visible laser diode 94322
Wessel, S. *see* den Ouden, A. 87690
Wessel-Berg, T. Self-consistent field theory of general periodic circuits for traveling wave tubes 55520
Wessel-Berg, T. A new quadrupole PPM focusing scheme for high density electron beams 94742
Wesseling, M. *see* Ramacher, U. 49600
Wesselkamper, T.C. *see* Cabrasawan, F.J. 91795
Wessels, B.W. *see* Wang, X.Z. 72637
Wessels, J. *see* Korst, J. 69744
Wessendorf, K.O. *see* Martin, S.J. 87152
Wesshigk, K.-D. Failure of an electric power switchgear installation due to an earth fault in a network employing resonance star point earthing 68895
Wesson, D. *see* Christian, D.C. 59094
Wesson, T.R. *see* Amidei, D. 98639
West, B.O. *see* Leech, P.W. 49870
West, C.H. The challenges facing formal description techniques 85296
West, C.P. The untold Pearl Harbor radar story 53576
West, D. *see* Baggaley, A. 56904
West, D.B. *see* Weaver, M.L. 48803
West, G. *see* Kisworo, M. 51597
West, G.A.W., Rosin, P.L. Multistage combined ellipse and line detection 84657
West, J.A. *see* Shin-Puu Jeng 71760
West, J.D.K., Van Den Heever, D.A. An improvement in co-location performance of 100 W transceivers by means of low level filtering 97138
West, J.G.W. DC, induction, reluctance and PM motors for electric vehicles 54224
West, J.L. *see* Yang, D.-K. 82733
West, K. *see* Wegscheider, W. 94461
West, K.W. *see* Schubert, E.F. 49851
West, K.W. *see* Schubert, E.F. 56511
West, L.C. *see* Becker, P.C. 73106
West, L.C. *see* de Barros, M.R.X. 66367
West, M. *see* Bailey, M. 85481
West, R.H., Buker, H., Friebele, E.J., Henschel, H., Lyons, P.B. The use of optical time domain reflectometers to measure radiation-induced losses in optical fibers 63370
West, R.H., Dowling, S. Effects in a lithium tantalate waveguide structure exposed to radiation from a flash X-ray source 72364
West, T.M. *see* Randhawa, S.U. 60894
Westberg, U., Klefsjo, B. TTT-plotting with censored data based on the PEXE 79493
Westbrook, E. *see* Naday, I. 88303
Westbrook, E. *see* Phillips, W. 58843
Westbrook, E.M. *see* Naday, I. 88311
Westbrook, L.D. *see* Tatham, M.C. 75511
Westbrook, M. *see* Naday, I. 88303
Westbrook, M.L. *see* Naday, I. 88311
Westbrook, S. Test vehicle for MCM-D interconnect process development 54522
Westbrook, S. *see* Marshall, J. 58644
Westby, G. *see* Yu-Wen Huang 92764
Westcott, B.S., Zaporozhets, A.A. Single reflector synthesis using an analytical gradient procedure 83844
Westcott, J.C. *see* de Mello, F.P. 59722
Westcott, M. *see* Van Calster, A. 98203
Weste, N. OK, if these CAD tools are so great, why isn't my chip design on schedule? 93601
Westelius, C.-J. *see* Knutsson, H. 96084
Westenhofer, S. *see* Tian, F. 75470
Westenskow, G. *see* Barletta, B. 76636
Westenskow, G.A., Houck, T.L. Reacceleration experiment to demonstrate the concept of efficiency enhancement in a relativistic klystron two-beam accelerator 76368
Wester, J. *see* De Caluwe, I. 96505
Wester, W.C., III *see* Amidei, D. 98639
Westera, W. *see* Fife, A.A. 93943
Westerberg, L. *see* Avdeichikov, V.V. 98537
Westerfield, P. *see* Caluwaerts, J. 85517
Westerfield, P.B. *see* Desai, S. 51981
Westerfield, P.L. *see* Blain, M.G. 71394
Westergren, U. *see* Kerzar, B. 86527
Westerholt, E.von *see* von Westerholt, E.
Westerholz, U. *see* Wilberg, J. 95706
Westerink, P. *see* Devaney, P. 66065
Westerkamp, D. System aspects of digital hierarchical TV and HDTV transmission 52699
Westerkamp, D. *see* Artigalas, M. 86668
Westerkamp, J.J. *see* Moorman, R.A. 59635
Westerkamp, J.J. *see* Williams, R. 88519
Westerlaken, E. *see* Cole, H. 92743
Westerlind, V. *see* Storment, C.W. 83530
Westerlund, S., Ekstam, L. Capacitor theory 92644
Westerman, M. *see* Linnartz, J.-P.M.G. 86157
Westermann, D. *see* Handschin, E. 59788
Westermann, J., Nienhaus, H., Monch, W. Oxidation stages of clean and H-terminated Si(001) surfaces at room temperature 55737
Westermann, T. *see* Illy, S. 87667
Westermeier, H. *see* Achatz, V. 94315
Westermo, B. *see* Thompson, L. 97974
Westerveld, R., Prasad, R. Rural communications in India using fixed cellular radio systems 96965
Westerwick, E.H. *see* Lee, K.F. 62856
Westerwick, E.H. *see* Lee, K.F. 93613
Westerwick, E.H. *see* Manchanda, L. 62854
Westfall, B. *see* Enge, P. 52658
Westfall, R.M. *see* Strang, W.M. 89255
Westgate, C.R. *see* Pavasovic, A. 63020
Westgate, C.R. *see* Pavasovic, A. 71779
Westgate, J. *see* Keith, R.D.F. 76885
Westin, C.-F. *see* Knutsson, H. 96028
Westin, C.-F. *see* Knutsson, H. 96084
Westinga, E. *see* Looyen, W.J. 77618
Westlake, A.J.G., Bumby, J.R., Spooner, E., Williamson, A.C. Damping the rotor angle oscillations of a permanent magnet wind generator 100049
Westlander, G. The simultaneous attack on several work environment factors—an organizational change project inspired by occupational health research findings 65115
Westlander, G., Soderberg, I., Cocke, B., Aberg, E. The success of an ambitious broad QWL strategy—our methods of evaluation and interpretation of the findings 65213
Westlander, G. *see* Aberg, E. 65212
Westlander, G. *see* Cocke, B. 65211
Westmont, C., Wall, B. Reprogrammability eases PCMCIA designs 49246
Weston, B., Tinkham, R., Chloupek, J. Unit undergoes controls upgrade to meet cycling needs 78402
Weston, J.H. Automated internetworking using HF radio links 96990
Weston, J.H. *see* Zhang, C.N. 80242
Weston, R. *see* Cochran, A. 82385
Weston, R.H. *see* Zhang, J.B. 54566
Weston, S.J. *see* Hagston, W.E. 55600
Westphal, A. *see* Unterberger, M. 61003
Westphal, A.J., He, Y.D., Wojdowski, P.S. Apparent binary microscopic response to relativistic ions of a large class of track-etch detectors 53338
Westphal, E. *see* Baake, E. 69254
Westphal, F.-J. *see* Hilbk, U. 52498
Westphal, F.-J. *see* Saniter, J. 86404
Westphal, G., Colombo, L., Anderson, J. The application of advanced sensors to the LPE growth of MCT 91531
Westphal, G.H. *see* Colombo, L. 91523
Westrick, A. *see* Niblack, C. 58857
Westrum, D.C.van *see* van Westrum, D.C.
Westwick, A.L. *see* Brooks, T.L. 91896
Westwood, D.I. *see* Wilks, S.P. 92936
Westwood, D.I. *see* Williams, J.P. 69940
Westwood, I.D. *see* McCaffrey, P.J. 69182
Wetenkamp, L. *see* Schmitt, N.P. 82989
Wetherbee, T. A low temperature method for safe manual installation and removal of thru-hole and surface mount components 81040
Wetherhold, R.C., Panthalingal, N. Piezoelectric PZT/epoxy composites for controlling torsional motion 82195
Wetherholt, D.M. *see* Hebert, J.E. 76607
Wettergren, J. *see* Hirokawa, J. 94962
Wetteroth, T. *see* Bor-Yuan Hwang 93642
Wettling, W. *see* Baldus, A. 79806
Wettling, W. *see* Blieske, U. 100685
Wettling, W. *see* Knobloch, J. 100470
Wettstein, A. *see* Burri, R. 65131
Wettstein, K., Schilling, C., Hohn, V., Witzschel, T. Planar antennas with electrical beam-dipping for mobile radio base stations 58314
Wetzel, C., Volm, D., Meyer, B.K., Pressel, K., Nilsson, S., Mokhov, E.N., Baranov, P.G. GaN epitaxial layers grown on 6H-SiC by the sublimation sandwich technique 70045
Wetzel, H. *see* Strehmel, B. 79991
Wetzel, R.C. *see* Hong, M. 81480
Wetzels, S.F.C.L., Timmermans, C.J., Webers, G.A., Schellekens, P.H.J., Botman, J.I.M., Hagedoorn, H.L. Geodetic concept for the storage ring EUTERPE 76708
Wever, U. *see* Kleis, U. 70240
Weverka, R.T. *see* Sarto, A.W. 51267
Wexler, A. *see* Mu, Z. 98902
Wexler, B. *see* Sica, L. 83355
Wey, C.-L. Concurrent error detection in high speed carry-free division using alternative input data 92025
Wey, Y.G. *see* Lee, K.F. 93613
Weyand, K., Willenberg, G.D., Simon, E. Using the modified measuring setup at the PTB 87445
Weyand, K., Yi Zhang, Bousack, H. Compound material for electromagnetic shielding in electrical and cryoelectronical applications 83717
Weyburne, D.W. *see* Vernon, S.M. 54964
Weydahl, D.J. Multitemporal analysis of ERS-1 SAR images over land areas 77717
Weydahl, D.J. Detecting seasonal changes at Nordic latitudes using ERS-1 SAR images 77718
Weyers, J., Vogt, H. A 50 V smart power process with dielectric isolation by SIMOX 61558
Weyl, R. *see* Meister, T.F. 62964
Weyrich, N. *see* Quak, E. 79756
Weyrich, R. *see* Brees, A. 92613
Wezeman, C. *see* Cusack, E. 52105
Wha Chong Jong *see* Jong Wha Chong
Wha Sook Jeon, Dong Geun Jeong A hybrid ALOHA-Reservation protocol for voice/data integrated services wireless LAN 65027
Wha Sook Jeon *see* Dong Geun Jeong 74711
Wha Sook Jeon *see* Jeon Wha Sook
Whalen, T.J. *see* Tsung-Yu Pan 70986
Whall, T.E. *see* Basaran, E. 62258
Whalley, D.C. *see* Boyle, O. 92818
Whalley, D.C. *see* Ogunjimi, A.O. 92848
Whan Cha Ih *see* Ih Whan Cha
Whan Cha Il *see* Il Whan Cha
Whan Lee Jung *see* Jung Whan Lee
Whan-Kyung Seong *see* Seung-Ri Kim 87278
Whang, Y.M. *see* Choo, Y.B. 90554
Whang Choi Kyu *see* Kyu Whang Choi
Whang In Kwan *see* In Kwan Whang
Whang Keum Chan *see* Keum Chan Whang
Whangbo Taegkeun *see* Taegkeun Whangbo
Wharam, D.A. *see* Godel, W. 61899
Whartenby, W.G. *see* Daniell, R.E., Jr. 83656
Wharton, C., Marics, M., Engelbeck, G. Speech recognition vocabulary scoping for automated call routing 96519
Whatmore, R. *see* Shorrocks, N. 63126
Whatmore, R.W., Shorrocks, N.W., Osbond, P.C., Stringfellow, S.B., Carter, C.F., Watton, R. Modified lead scandium tantalate for uncooled LWIR detection and thermal imaging 58761
Whatmore, R.W. *see* Salloway, A.J. 56172
Whatmore, R.W. *see* Tossell, D.A. 50131
Wheadon, N.S., Whitehouse, J.C., Milsom, J.D., Herring, R.N. Ionospheric modelling and target coordinate registration for HF sky-wave radars 99171
Wheadon, R. Radiation damage studies on single-sided and double-sided silicon microstrip detectors 88026
Wheat, R.M. *see* Stringfield, R.M. 71045
Wheat, T.A. *see* Ahmad, A. 50139
Wheat, T.A. *see* Ahmad, A. 56144
Wheatley, C.F. *see* Dolny, G.M. 61560
Wheatley, C.F., Jr. *see* Schrimpf, R.D. 50069
Wheeler, B.C. *see* Valacich, J.S. 52044
Wheeler, D.J. *see* Knecht, B.A. 82908
Wheeler, J.D. *see* Brough, C.A. 99652
Wheeler, M.L. *see* Daher, J.K. 83721
Wheeler, M.L. *see* Daher, J.K. 83722
Wheeler, N. Measurement of RF power at the milliwatt level 87348
Wheeler, N.J. *see* Zhang, H. 100365
Wheeler, P.W. *see* Zhang, H. 100365

Wheeler, R. *see* Krusin-Elbaum, L. 63282
Wheeler, T.E. CTIA: an expanding role in the post-divestiture wireless communications marketplace 52420
Whelan, C.D. *see* Cole, B.C. 60881
Whelan, D. *see* Folving, S. 67913
Whelan, K. *see* Carroll, J. 93501
Whelan, K. *see* Izu, M. 100542
Whelen, C. *see* Dowell, D. 76384
Wheless, W.P., Jr., Wurtz, L.T., Well, J.A. An equivalent-circuit radiation sensor model 82231
Wheling Cheng *see* Chin-Chieh Chao 69578
Wherrett, B.S. *see* Desmulliez, M.P.Y. 72433
Wherrett, B.S. *see* Wang, C.H. 63479
Wherrett, B.S. *see* Wang, C.H. 72453
Wherry, D.C. *see* Brennan, S. 82032
Whetsel, L. IEEE std. 1149.1—an introduction 87021
Whicker, S.L. Automated radiometric cryoprobe of IRFPA wafers 97802
Whight, K.R. Large signal periodic time-domain circuit simulation 70272
While, R.L. *see* Sharp, D.W.N. 84085
Whipple, D.P. The CDMA standard 85263
Whisnant, R.A. *see* Hutchby, J.A. 100443
Whisnant, R.A. *see* Stolte, W.J. 100005
Whiston, S., Stakelum, B., O'Neill, M., Lane, W. Influence of BiCMOS processing steps on thin gate oxide quality 63032
Whitacre, J., McNett, K., Miller, B., Bohn, R.G., Compaan, A.D. NSF research experiences for undergraduates summer projects: 1. Measuring electrical properties of polycrystalline films 2. Calibrating a spectral quantum efficiency system 3. Implementing an optical beam induced current (OBIC) system 100660
Whitaker, C.M. *see* Hutchinson, P.A. 99997
Whitaker, E.G. *see* Ainslie, P.J. 78965
Whitaker, E.W. *see* Sanford, M.O. 89173
Whitaker, F.L., Lueckel, W.J. The phosphoric acid PC25 fuel cell power plant—and beyond 78523
Whitaker, H.L. *see* Spindel, A. 93977
Whitaker, J.F., Cheng, H.-J., Craig, D., Mourou, G.A. Optical sampling for high speed electronics 82054
Whitaker, J.F. *see* Cheng, H. 49615
Whitaker, J.F. *see* Cheng, H. 92462
Whitaker, J.F. *see* Giakos, G.C. 83777
Whitaker, J.F. *see* Yongqian Liu 66357
Whitaker, J.S. *see* Abe, K. 88115
Whitaker, J.S. *see* Antilogus, P. 59064
Whitaker, J.S. *see* Antilogus, P. 59127
Whitaker, L.A., Fox, S.L., Peters, L.J. Communication between crews: the effects of speech intelligibility on team performance 95258
Whitaker, N. *see* Huang, A. 82779
Whitaker, S. *see* Maki, G. 54388
Whitaker, S. *see* Wiseman, D. 70339
Whitby, E. *see* Xinming Huang 79760
Whitcombe, D.N. Fast model building using demigration and single-step ray migration 77234
White, A.B. *see* Aguero, V. 88632
White, A.B. *see* Angevine, W.M. 99196
White, A.J., Milne, W.I. Primary reaction processes in the deposition of diamond-like carbon films by photon-enhanced CVD of methane using a windowless hydrogen lamp 70089
White, B., Marquis, M. Vertical MTF measurements 66445
White, B.A. *see* El-Mahy, M.K. 64542
White, B.J., Zachariah, K.J., Hingston, R.S. Commissioning of a power system stabiliser using a dynamic signal analyser 59755
White, B.Y., Frederiksen, J.R., Spoehr, K.T. Conceptual models for understanding the behavior of electrical circuits 79178
White, C. *see* Tesarek, R.J. 98504
White, C.T. *see* Sinnott, S.B. 81688
White, C.W. *see* Fulin Xiong 94638
White, C.W. *see* Haglund, R.F., Jr. 72363
White, D. Interpolating set partition statistics 91289
White, D., Jr. Steady state particle motion in a single wafer reactor 81399
White, D.D., Jr. *see* Barna, G.G. 62351
White, D.D., Jr. *see* Collins, D.J. 61347
White, D.J. Structural properties for contracting state partially observable Markov decision processes 91211
White, D.L. *see* Tichenor, D.A. 81591
White, D.P. *see* Pollak, P. 76287
White, E.K. *see* Dunne, M.C.M. 98741
White, F., Hill, W., Eslinger, S., Payne, E., Cote, W., Chen, B., Johnson, K. Damascene stud local interconnect in CMOS technology 62532
White, F. *see* Bertsch, J. 70593
White, G.L. *see* Perkes, G. 74262
White, G.R., Sherwin, G. Machine protection system algorithm compiler and simulator 87622
White, H. *see* Baister, G.C. 52445
White, H.B. *see* Ishac, M.F. 89334
White, H.E. *see* Reitmeier, G.A. 97660
White, I.A. *see* Smith, G.E. 87209
White, I.H. *see* Asghari, M. 58436
White, I.H. *see* Asghari, M. 94442
White, I.H. *see* Badr, N. 72900
White, I.H. *see* Day, I.E. 63997
White, I.H. *see* Fells, J.A.J. 75400
White, I.H. *see* Lauder, R.D.T. 72782
White, I.H. *see* Mason, P.L. 65803
White, I.H. *see* Mason, P.L. 75501
White, I.H. *see* Summers, H.D. 72987
White, I.H. *see* Whiteaway, J.E.A. 94483
White, I.H. *see* Williams, K.A. 72853
White, I.H. *see* Williams, K.A. 94448
White, I.H. *see* Zhu, B. 50898
White, J. *see* Castaneda, C. 62012
White, J. *see* Castenada, C. 70990
White, J. *see* Cavalli-Sforza, M. 87772
White, J. *see* Chao, E.Y. 93457
White, J. *see* Chao, E.Y. 93461
White, J. *see* Doing, P. 87738
White, J. *see* Gingrich, D. 53291
White, J. *see* Klein, S.R. 98488
White, J. *see* Lieberman, P. 90621
White, J. *see* Nabors, K. 54789
White, J. *see* Phillips, J.R. 91825
White, J. *see* Xuejun Cai 66269
White, J.D. *see* Nakazato, K. 61664
White, J.K. *see* Kamon, M. 79349
White, J.K. *see* Miguel Silveira, L. 94887
White, J.M. *see* Bhat, M. 49885
White, J.S. *see* Horazak, D.A. 89557
White, J.V., Broder, B. Nonlinear state-space modeling and filtering using extended state vectors 84281
White, L.B., Ross, J.D. Adaptive demodulation of phase modulated signals using hidden Markov models 83918
White, L.B. *see* Sherman, P.J. 84439
White, L.H. *see* Shaukatullah, H. 91018
White, L.H. *see* Shaukatullah, H. 91086
White, M., Berg, W., Fuja, R., Grelick, A., Mavrogenes, G., Nassiri, A., Russell, T., Wesolowski, W. Status of the Advanced Photon Source (APS) linear accelerator 67007
White, M.H. *see* French, M.L. 80327
White, M.H. *see* Paulsen, R.E. 71236
White, M.R. *see* Legras, J.C. 66753
White, M.S., Flockton, S.J. A genetic adaptive algorithm for data equalization 92395
White, M.S. *see* Flockton, S.J. 55034
White, N. *see* Brignell, J. 79195
White, P. Management consultancy solutions. Development of the project 69492
White, P.A. Electrode arrays for measuring groundwater flow direction and velocity 67834
White, P.B. Caller ID and privacy: New options 96528
White, R. *see* Lum, N. 58851
White, R.G., Schowengerdt, R.A. Effect of point-spread functions on precision edge measurement 95640
White, R.G. *see* Oliver, C.J. 75561
White, R.G. *see* Oliver, C.J. 75575
White, R.G. *see* Pryde, G.C. 75623
White, R.L. Giant magnetoresistance materials and their potential as read head sensors 72192
White, R.L. *see* Jones, R.E., Jr. 50319
White, R.S. *see* O'Neill, T.J. 67668
White, R.S. *see* Sarmouk, A. 98612
White, R.V. Futurebus+ power requirements 52124
White, R.V. Component tolerance and circuit performance: a case study 54568
White, R.V. Constant power limiter: a linear approximation 68813
White, R.V. *see* Duncan, S.H. 61517
White, S. The data network disaster recovery plan: considerations and concerns 96662
White, S. *see* Bigorgne, D. 73877
White, S.J. *see* Grimson, W.E.L. 84809
White, S.J. *see* Grimson, W.E.L. 91124
White, T., Bieszczad, A. A customization environment for the Expert Advisor network management system 58191
White, T.J., Hinton, J.C. Improved dynamic performance of the 3-phase induction motor using equivalent circuit parameter correction 60211
White, W.E. *see* Bonlie, J.D. 82986
Whiteaway, J.E.A., Wright, A.P., Garrett, B., Thompson, G.H.B., Carroll, J.E., Zhang, L.M., Tsang, C.F., White, I.H., Williams, K.A. Detailed large-signal dynamic modelling of DFB laser structures and comparison with experiment 94483
Whiteaway, J.E.A. *see* Williams, K.A. 72853
Whitehead, M. *see* Mottahedeh, R. 72442
Whitehead, M.L. Failure mechanisms in VRLA batteries 60411
Whitehead, M.L., Stagner, B.B., Lonsbury-Martin, B.L., Martin, G.K. Measurement of otoacoustic emissions for hearing assessment 53388
Whitehill, J. *see* Wall, M. 96464
Whiteborn, J. Brushless servos: 2-phase or 3-phase? 68666
Whitehouse, C.R. *see* Tagg, W.I.E. 81323
Whitehouse, J.C. *see* Wheadon, N.S. 99171
Whitehouse, J.E. *see* Sangwine, S.J. 51485
Whiteley, L., Yam, L. The telephone: equalizer for the disabled 52042
Whiteley, S. *see* Martens, J. 93934
Whitemen, D.N. *see* Wang, J.R. 77407
Whitenton, E. *see* McWaid, T.H. 76189
Whites, K.W., Mittra, R. Scattered field properties of symmetric periodic structures 73283
Whitesel, H.K., Tatem, P. Detection of shipboard fires with fiber optic temperature sensors 52912
Whitesel, H.K. *see* Hegner, H.R. 52911
Whitesell, J.K., Hye Kyung Chang Surface oriented polymers for nonlinear optics 56901
Whitford, L.A. *see* Busby, P.A. 59414
Whitham, A.R. *see* Chadwick, A.V. 58889
Whitham, K., Anamkath, H., Lyons, S., Manca, J., Miller, R., Treas, P., Zante, T., Miller, R., Heese, R., Keane, J. 200 MeV RF linac for Brookhaven National Laboratory 67008
Whitham, K., Anamkath, H., Lyons, S., Manca, J., Miller, R., Zante, T., Treas, P., Nett, D., Miller, R., Boni, R., Hsieh, H., Kulinski, S., Sanibale, F., Spataro, B., Vescovi, M., Vignola, G. Design of the e^+/e^- Frascati linear accelerator for DAΦNE 67009
Whitham, K. *see* Curtin, M. 68742
Whiting, C.A. *see* Marine, S.S. 81596
Whiting, J.P. Earthing and bonding of electrical systems to minimise lightning effects 53797
Whitley, L.D. *see* Mathias, K.E. 95179
Whitley, L.D. *see* Mathias, K.E. 95976
Whitley, R.H. *see* Glasgow, B.B. 76071
Whitley, T. 1.3 micron optical fibre amplifiers 94437
Whitley, T. *see* Kikushima, K. 86347
Whitley, T. *see* Wyatt, R. 56727
Whitley, T.J. *see* Kashyap, R. 63746
Whitley, T.J. *see* Pataca, D.M. 63706
Whitlock, B.K. *see* Kang, S.-M. 82859
Whitlock, I., Young, D.J., Baker, M.H. Static var compensators for the city 68133
Whitlock, J.B. *see* Belt, R.F. 72058
Whitlow, H.J. *see* Hult, M. 49817
Whitlow, H.J. *see* Johnston, P.N. 48992
Whitman, J. *see* D'Iorio, M.A. 67787
Whitmer, G.A. *see* Dougherty, J.J. 59490
Whitmore, M. *see* Morris, R.B. 59450
Whitnall, D.F. *see* Chan, H.L.W. 76903
Whitney, C.G. *see* Gulbransen, D.J. 66490
Whitney, D.E. *see* Eppinger, S.D. 69518
Whitney, P. *see* Wang, Z. 83053
Whitney, T. *see* Schlageter, J. 70389
Whitney, W.T. *see* Scott, A.M. 94427
Whitson, W. *see* Dunbar, T. 76132
Whitt, W. *see* Abate, J. 61072
Whitt, W. *see* Abate, J. 91189
Whitt, W. *see* Berger, A.W. 51806
Whitt, W. *see* Glynn, P.W. 79543
Whitt, W. *see* Leung, K.K. 65644
Whitt, W. *see* Leung, K.K. 97056
Whitt, W. *see* Lucantoni, D.M. 85284
Whittaker, A.G. *see* Porter, G.S. 55077
Whittaker, D.M. *see* Buckle, P.D. 62269
Whittaker, D.M. *see* David, J.P.R. 93314
Whittaker, D.M. *see* Tagg, W.I.E. 81323
Whittaker, E.A. *see* Sun, H.C. 55765
Whittaker, T. *see* Ardema, M.D. 99120
Whittal, D.M. *see* Cummings, W.J. 64116
Whittenberg, W.A. *see* Guy, F.W. 76417
Whittenberg, W.A. *see* Hebert, J.E. 76607
Whittet, M. Scottish Nuclear's AGRs: the way forward 78345
Whittey, J.M. Improvements in 2 dimensional X/Y metrology on photomasks and wafers 62568
Whittingham, K.L. *see* Pitts, B.L. 61321
Whittington, H.W., Robson, I.A. Hydroelectric power in emissions-constrained electricity generation 78504
Whittington, H.W. *see* Gupta, N.K. 100938
Whittington, H.W. *see* Robson, I.A. 59827
Whittington Professor *see* Professor Whittington
Whittle, S.M. A practical Cartesian loop transmitter for narrowband linear modulation PMR systems 52434
Whitton, B. *see* Theus, G. 65471
Whitton, R. Developing applications for TI's MVP 92270
Whittum, D. *see* Barletta, B. 76636
Whittum, D. *see* Ogata, A. 87880
Whittum, D.H. *see* Kim, J.S. 87915
Whittum, D.H. *see* Kishiro, J. 66800
Whittum, D.H. *see* Yu, X.T. 87714
Whitworth, D. Cost of compliance—a cost/benefit approach [EMC] 57152
Who Kee Chung Reliability and availability analysis of a k-out-of-N:G redundant system with repair in the presence of chance of multiple critical errors 54577
Who Kee Chung Reliability analysis of a cold standby system with multiple critical errors 54578
Whoan Lee Joon *see* Joon Whoan Lee
Wholey, J. *see* Negus, K. 97135
Wiak, S. *see* Di Barba, P. 54047
Wiak, S. *see* Komeza, K. 83582
Wiart, R. *see* Cachet, C. 78792
Wiatr, W. Characterization of rădiometer using 8-term linear model 87125
Wiatrzyk, J. *see* Ross, J. 94013
Wichman, R., Lilleberg, J., Neuvo, Y. Matched median detectors for multiple-access channels 84203
Wichmann, R. *see* Barberis, E. 88104
Wichmann, R. *see* Barberis, E. 98609
Wicht, A. *see* Rittner, K. 72670
Wick, D.T., Hajare, A.R., Shehad, N.M. An automated test facility for Space robots 53502
Wick, D.T. *see* Hajare, A. 74978

Wickenden, A.E., Wickenden, D.K., Kistenmacher, T.J. The effect of thermal annealing on GaN nucleation layers deposited on (0001) sapphire by metalorganic chemical vapor deposition 61275

Wickenden, D.K., Miragliotta, J.A., Bryden, W.A., Kistenmacher, T.J. Thermally annealed GaN nucleation layers and the device-quality metal organic chemical vapor deposition growth of Si-doped GaN films on (00.1) sapphire 61280

Wickenden, D.K. *see* Wickenden, A.E. 61275

Wickens, C. *see* Long, J. 67700

Wickens, C.D. *see* Rate, C.R. 88668

Wicker, D. *see* Jha, S. 70628

Wicker, S.B., Bartz, M.J. The design and implementation of type-I and type-II hybrid-ARQ protocols based on first-order Reed-Muller codes 51839

Wicker, S.B., Bartz, M.J. Type-II hybrid-ARQ protocols using punctured MDS codes 57359

Wicker, S.B. *see* Harvey, B.A. 57363

Wicker, S.B. *see* Rasmussen, L.K. 74720

Wicker, S.B. *see* Rasmussen, L.K. 74731

Wicker, S.B. *see* Rice, M. 51361

Wicker, S.B. *see* Rice, M. 57362

Wickerhauser, M.V. Wavelet approximations to Jacobians and the inversion of complicated maps 57825

Wickerhauser, M.V. Two fast approximate wavelet algorithms for image processing, classification, and recognition 74453

Wickerhauser, M.V. *see* Coifman, R.R. 74044

Wickesberg, E.B. *see* Shohet, J.L. 93138

Wickham, A.H. Fuel cells: the next generation 90374

Wickham, K.M. *see* Sage, K.H. 95893

Wickramanayaka, S., Matsumoto, A., Nakanishi, Y., Hosokawa, N., Hatanaka, Y. Remote plasma SiO_2 deposition by tetraethoxysilane with chemically and energetically different atomic species 70133

Wickramasinghe, Y.A.B.D. *see* Houston, R.J.F. 67502

Wicks, G.W., Koch, M.W., Johnson, F.G., Varriano, J.A., Kohnke, G.E., Colombo, P. Operation of a molecular-beam epitaxy machine employing a valved solid phosphorus source 54851

Wicks, G.W. *see* Xu, Z. 94603

Wicks, M. *see* Hong Wang 88687

Wicks, M. *see* Sarkar, T.K. 51465

Wicks, M.C. *see* Wang, H. 65884

Widarta, A., Kuwano, S., Kokubun, K. Analytical solutions of the scattering properties of H-plane junctions in rectangular waveguides 73472

Widdowson, T., Ellis, A.D. 20 Gbit/s soliton transmission over 125 Mm 97312

Widdowson, T., Lord, A., Malyon, D.J. Polarisation guiding in ultralong distance soliton transmission 56369

Widdowson, T., Malyon, D.J., Ellis, A.D., Smith, K., Blow, K.J. Soliton shepherding: all-optical active soliton control over global distances 65787

Widdowson, T., Malyon, D.J., Shan, X., Watkinson, P.J. Soliton propagation without transmission control using a phase-locked erbium fibre ring laser 50933

Widdowson, T. *see* Ellis, A.D. 75510

Widdowson, T. *see* Shan, X. 65800

Widen, L. *see* Larsson, S.A. 59361

Widera, R. *see* Hessenmuller, H. 86797

Widera, R. *see* Hessenmuller, H. 97634

Widgoff, M. *see* Chang, Y.H. 98645

Widipangestu, I., Jong, A.J.T., Prasad, R. Capture probability and throughput analysis of slotted ALOHA and unslotted np-ISMA in a Rician/Rayleigh environment 75323

Widjaja, I., Leon-Garcia, A. The helical switch: a multipath ATM switch which preserves cell sequence 85998

Widjaja, I. *see* Elwalid, A.I. 85909

Widjaja, I. *see* Guckel, H. 60262

Widjaja, J., Uozumi, J., Asakura, T. Optical implementation of artificial synapses by means of the Wigner distribution approach 56468

Widlund, O.B. *see* Dryja, M. 54733

Widmayer, P. *see* Roos, T. 91313

Widmer, H.M. *see* Singer, E. 66503

Widmer, T. *see* Lang, M. 61293

Widmer, T. *see* Schikora, D. 61282

Widodo, S., Iwamoto, O., Nohtomi, A., Uozumi, Y., Sakae, T., Ijiri, H., Koori, N., Matoba, M. Electron drift measurements using self-quenching streamer mode in single wire gas counter 59139

Widom, A. *see* Jiang, H. 56243

Widom, A. *see* Seed, R.G. 55387

Widom, A. *see* Seed, R.G. 82386

Widom, H. The asymptotics of a continuous analogue of orthogonal polynomials 54744

Widom, S. Extending EDIF to standardize on rule set technologies 91784

Widrow, B. *see* Beaufays, F. 84560

Wiebach, S. *see* von Munch, W. 69933

Wiechmann, E. *see* Rodriguez, J. 100246

Wiechmann, E.P., Garcia, A.R., Rodriguez, J.R., Salazar, L.D. Real-time operation surveillance of a static cycloconvertor based on waveform supervision 100239

Wiechmann, E.P. *see* Salazar, L.D. 99511

Wieczorek, K., Schreiber, H.-U. Low thermal budget titanium-based salicide contacts and their application to 65 GHz f_T Si/SiGe-HBT technology 81822

Wiedeman, L.H. *see* Helvajian, H. 62446

Wiedeman, R.A. The role of GLOBALSTAR, a satellite-based personal communications system, in the wireless revolution 97085

Wiedeman, R.A. *see* Izadian, J.S. 52443

Wiedeman, S. *see* Arya, R.R. 100513

Wiedeman, S. *see* Fonash, S.J. 72588

Wiedeman, S. *see* Lommasson, T.C. 90439

Wiedemann, H. *see* Kung, P.H. 83192

Wiedensohler, A. *see* Samuelson, L. 55638

Wieder, H.H. *see* Chen, J. 93025

Wieder, H.H. *see* Goldman, R.S. 81229

Wieder, H.H. *see* Rossi, D.V. 66481

Wieder, H.H. *see* Shih, D.W. 94299

Wieder, H.H. *see* Young, A.P. 55634

Wieder, H.H. *see* Young, A.P. 81330

Wiederhold, A. *see* Glaser, U. 92142

Wiederick, H.D. *see* Sherrit, S. 56102

Wiederick, H.D. *see* Sherrit, S. 56176

Wiegand, D.A. Control of transformer losses in Canada 90083

Wiegand, D.A. *see* Kwok, W. 98858

Wiegand, L. *see* Kwok, W. 98858

Wiegele, T. *see* Guckel, H. 62591

Wiegerink, R.J. *see* Botma, J.H. 70310

Wiel, M.J.van der *see* van der Wiel, M.J.

Wiel, P.van de *see* van de Wiel, P.

Wiele, F.Van de *see* Van de Wiele, F.

Wieler, R.W., Zhang, Z., McLeod, R.D. Using an FPGA based computer as a hardware emulator for built-in self-test structures 70358

Wielunski, M. *see* Sadowski, M. 59175

Wieman, H. *see* Gong, W.G. 88119

Wiemann, S. *see* Hamm, P. 98006

Wien, A., Thumm, M. Numerical analysis of the aperture coverage of a Vlasov antenna 55508

Wienands, U. *see* Blinov, B.B. 87861

Wienands, U. *see* Wu, X. 66917

Wienands, U. *see* Wu, X. 66957

Wiencke, L. *see* Bird, D. 98533

Wienhard, K. *see* Dahlbom, M. 76921

Wienhard, K. *see* Eriksson, L. 88438

Wienhard, K. *see* Lottgen, J. 88417

Wienhard, K. *see* Sossi, V. 98823

Wiens, D.A., Gabbitas, I. CAD tools for the design of high performance MCMs 80985

Wiens, R.H. *see* Thomas, P.J. 67887

Wierenga, R.D.J. *see* Zevenhoven, C.A.P. 51022

Wierer, P., Spitz, H. Thin-film technology for light valve image projectors 58579

Wierig, A. *see* Reinbold, J. 58901

Wiersch, A. *see* Stohr, A. 82709

Wierse, M. *see* Friedlmeier, G. 89745

Wiersma, D.A. *see* Pshenichnikov, M.S. 50783

Wierzbicki, J.G., Maruyama, Y., Porter, A.T. Measurement of augmentation of ^{252}Cf implant by ^{10}B and ^{157}Gd neutron capture 67616

Wies, R. Policies in network and systems management—formal definition and architecture 74834

Wiesbeck, W. *see* Becker, T.C. 52676

Wiesbeck, W. *see* Heidrich, E. 57207

Wiesbeck, W. *see* Jha, R.H. 73319

Wiesbeck, W. *see* Kurner, T. 52391

Wiesbeck, W. *see* Kurner, T. 52394

Wiesbeck, W. *see* Pillai, E. 80978

Wiese, A. *see* Kaltschmitt, M. 68358

Wiesel, A. *see* Beeler, R. 58230

Wieselthier, J.E., Barnhart, C.M., Ephremides, A. A neural network approach to routing without interference in multihop radio networks 52319

Wieselthier, J.E., Barnhart, C.M., Ephremides, A. Ordinal optimization of admission control in wireless multihop voice/data networks via standard clock simulation 65573

Wieselthier, J.E. *see* Barnhart, C.M. 85274

Wiesendanger, R. Contributions of scanning probe microscopy and spectroscopy to the investigation and fabrication of nanometer-scale structures 55694

Wiesenfeld, J.M., Perino, J.S., Gnauck, A.H., Glance, B. Bit error rate performance for wavelength conversion at 20 Gbit/s 58377

Wiesenfeld, J.M., Weiss, S., Botkin, D., Chemla, D.S. Carrier transport effects and dynamics in multiple quantum well optical amplifiers 94478

Wiesenfeld, J.M. *see* Botkin, D. 56769

Wiesenfeld, J.M. *see* Poole, C.D. 97341

Wiesenfeld, K., Benz, S.P., Booi, P.A.A. Phase-locked oscillator optimization for arrays of Josephson junctions 91935

Wiesenfeld, K. *see* Braiman, Y. 72223

Wiesenfeld, K. *see* Nichols, S. 72239

Wiesing, J. *see* Grotstallen, H. 60228

Wiesner, U., Pillath, J., Bauhofer, W., Kohl, A., Kusters, A.M., Brittner, S., Heime, K. In-plane effective masses and quantum scattering times of electrons in narrow modulation-doped InGaAs/InP quantum wells 55587

Wieting, D.W. *see* Durand, L.G. 77066

Wieting, D.W. *see* Eberhardt, A.C. 77069

Wieting, D.W. *see* Nygaard, H. 77065

Wietrzak, A. *see* Poulikakos, D. 79410

Wietschel, M. *see* Rentz, O. 68350

Wigderson, A. The wonders of the digital envelope—a crash course in modern cryptography 83980

Wigderson, A. *see* Karchmer, M. 85325

Wigen, P.E. *see* Zhou, L. 48970

Wigger, T.D. *see* Tempero, P.E. 89607

Wiggers, L.W. *see* Boterenbrood, H. 59185

Wiggers, L.W. *see* Boterenbrood, H. 59186

Wiggers, L.W. *see* Kolstein, M. 74343

Wiggins, C.M., Thomas, D.E., Salas, T.M., Nickel, F.S., Ng, H.W. A novel concept for URD cable fault location 53739

Wiggins, D.S. *see* Cirillo, A.J. 78395

Wiggins, E.G. Determining the optimum insulation thickness 60808

Wiggins, R.C. *see* O'Donnell, M. 98771

Wight, J.S. *see* Frlan, E. 50960

Wight, J.S. *see* Frlan, E. 80659

Wight, J.S. *see* Frlan, E. 97955

Wight, J.S. *see* Petosa, A. 64230

Wight, J.S. *see* Petosa, A. 73501

Wight, S. *see* Gillen, G. 71542

Wightman, C.W., Ostendorf, M. Automatic labeling of prosodic patterns 95237

Wightman, J.A. *see* Christian, D.C. 59094

Wiglasz, V. *see* Pacl, P. 70167

Wigley, P.G. *see* Mamyshev, P.V. 63412

Wigley, P.G. *see* Villeneuve, A. 56907

Wigmans, R. *see* Brown, D. 59084

Wigneron, J.-P. *see* Calvet, J.-C. 77700

Wignot, L.S., Badger, D.M. New tuner performance for cable ready receivers 86759

Wigren, T. *see* Minde, T.B. 84102

Wiik, B.H. HERA operations and physics 66788

Wijaranokula, W. *see* Kim, S.S. 69917

Wijbrands, R.J. ISDN as an access road to stored information 96814

Wijegunaratne, I., Socic, M., Chow, B. An architecture for client/server application software 75013

Wijesuriya, D. *see* Anderson, G.P. 67513

Wijk, A.J.M.van *see* van Wijk, A.J.M.

Wijk, A.van der *see* van der Wijk, A.

Wijkstra, H. *see* Rijkhoff, N.J.M. 67606

Wijkstra, H. *see* Rijkhoff, N.J.M. 88524

Wijnbergen, J.J. *see* Chance, K. 67811

Wijnen, P.J.van *see* van Wijnen, P.J.

Wijngaarden, A.van *see* van Wijngaarden, A.

Wijngaart, R.A.van den *see* van den Wijngaart, R.A.

Wijnmalen, D.J.D. *see* Hontelez, J.A.M. 79229

Wik, T.R. *see* Kramer, A. 70425

Wikborg, E. *see* Ivanov, Z.G. 55183

Wikinger, C. *see* Hofmann, F. 100418

Wikler, G.A. *see* Baruch, S.B. 89027

Wikstrom, D. *see* Eriksson, A. 89338

Wilamowski, B.M. *see* Torvik, L.M. 80541

Wilber, P.B. *see* O'Grady, D.S. 71472

Wilberg, J., Camposano, R., Rosenstiel, W. Design flow for hardware/software cosynthesis of a video compression system 84334

Wilberg, J., Camposano, R., Westerholz, U., Steinhausen, U. Design of an embedded video compression system—a quantitative approach 95706

Wilbert, B. Meter reading on wheels 65231

Wilbertz, C., Miller, T., Kalbitzer, S. Recent progress in gas field ion source technology 81724

Wilbertz, C. *see* Krotz, G. 79912

Wilbrandt, R. *see* Sommer-Larsen, P. 55496

Wilbur, E.J. LAN integration of photomask tools at IBM Burlington using the IBM RISC/6000 62579

Wilbur, J., Kargl, S.G. Application of wavelets to acoustic resonance—elastic targets surrounded by biologics 86619

Wilbur, S. Computer support for cooperative teams: applications in concurrent engineering 60887

Wilburn, C.D. *see* Allport, P.P. 88021

Wilburn, C.D. *see* Kaplan, D. 59067

Wilby, M. *see* Tandon, V. 58437

Wilcox, D.J. *see* Hurley, W.G. 55447

Wilcox, E. *see* Dobson, M.C. 77672

Wilcox, E.P. *see* Pierce, L.E. 67921

Wilcox, L.D. *see* Chen, F.R. 84940

Wilcoxson, M., Manousiouthakis, V. Continuum fluid models for plasma etching reactor control 62445

Wilczewski, F. Bending loss of leaky modes in optical fibers with arbitrary index profiles 72327

Wilczynski, A. *see* Arya, R.R. 90414

Wilczynski, A. *see* Arya, R.R. 100522

Wild, C., Kohl, R., Herres, N., Muller-Sebert, W., Koidl, P. Oriented CVD diamond films: twin formation, structure and morphology 69926

Wild, C. *see* Locher, R. 70109

Wild, K. *see* Auernhammer, H. 100973

Wild, P. *see* Murphy, S. 57374

Wild, P. *see* Sazhin, S. 63628

Wild, P. *see* Sazhin, S. 63663

Wild, P. *see* Spiridonov, M. 56620

Wild, P.U. *see* Maniloff, E.S. 56318

Wild, U.P. *see* Bernet, S. 56975

Wildberger, M. Stability and nonlinear dynamics in power systems 99473

Wilde, A. *see* Etkin, V. 77450

Wilde, A. *see* Von Hugo, D. 86249

Wilde, J.P. *see* De Vre, R. 63342

Wilde, K. *see* Chran-Ham Chang 85707

Wilde, M. *see* Cartiglia, N. 71769
Wildeman, J. *see* Gill, R.E. 50671
Wilden, D.L. Mechanical and electrical equipment for Cardiff Bay barrage 90327
Wilder, M. *see* Barberis, E. 67376
Wilder, M. *see* Unno, Y. 98558
Wilder, M. *see* Ziock, H.J. 76767
Wildermuth, D. *see* Cho, G. 59129
Wildermuth, D. *see* Drewery, J. 59104
Wildermuth, D. *see* Jing, T. 88408
Wildi, E.J. *see* Chow, T.P. 62707
Wilding, M. The first evolutionary advanced PWR 99899
Wildman, D., Harkay, K. HOM RF cavity dampers for suppressing coupled bunch instabilities in the Fermilab Booster 87906
Wildman, D. *see* Bhat, C.M. 66961
Wildman, D. *see* Dey, J. 67172
Wiles, C.M. *see* Hughes, T.A.T. 67583
Wiles, C.R., Forshaw, M.R.B. Recognition of volcanoes on Venus using correlation methods 88736
Wiles, J. Photovoltaics: electrical power from sunlight 100029
Wiles, M. Anechoic chamber compliance to emission standards 51131
Wiley, B. *see* Samuelson, L.A. 66518
Wiley, J.N., Zurbrick, L.S., Schuda, S.J. Comprehensive detection of defects on reduction reticles 81695
Wiley, J.N. *see* Zurbrick, L.S. 71475
Wiley, L.L., Brown, R.W. MH-53J PAVE LOW helmet-mounted display flight test 67689
Wiley, R.E., Butler, R.J. Can information markets survive the transition to local exchange competition? 51892
Wiley, R.W. *see* Kotulak, J.C. 98091
Wilgus, J.S. An optical approach to a post-2000 avionics architecture: PAVE PACE 88905
Wilheit, T.T. TRMM microwave radiometer algorithms 67831
Wilheit, T.T., Jr. *see* Wang, J.R. 77399
Wilhelm, C.E., Swaney, R.E. Robust solution of algebraic process modelling equations 48855
Wilhelm, J. *see* Goodman, R. 65919
Wilhelm, M. *see* Kezunovic, M. 78201
Wilhelm, R.V., Norppa, E.M., Casey, K.D. Voice of the customer linkages to powertrain controller design 78948
Wilhelm, W., Weger, P. 2V low-power bipolar logic 92123
Wilhelmi, H. *see* Kyas, A. 100943
Wilhelmy, L., Sawitzky, U. Electromagnetic compatibility recommendations for connection of digital tachometers 94877
Wilhoyte, M.E. *see* Rice, B.F. 84222
Wili, U. *see* Lortscher, M. 100888
Wilikens, M. *see* Nordvik, J.-P. 60883
Wilk, G.D., Martinez, R.E., Chervinsky, J.F., Spaepen, F., Golovchenko, J.A. Low-temperature homoepitaxial growth on Si(111) mediated by thin overlayers of Au 79775
Wilk, G.E. *see* Duchon, C.E. 77410
Wilk, L.F., Capaccio, P.E. Treatment/recycle of wastewaters from alternative cleaning processes 92772
Wilke, G.D. *see* Payne, S.A. 83032
Wilke, I., Oppliger, Y., Herrmann, W., Kneubuhl, F.K. Nanometer thin-film Ni-NiO-Ni diodes for 30 THz radiation 52857
Wilke, M.D. *see* Barlow, D.B. 76606
Wilke, W.St. *see* Herzog, R. 78390
Wilkening, G. *see* Jusko, O. 87541
Wilkens, B. *see* Harr, R. 88209
Wilkens, B.J. *see* Yilmaz, S. 82712
Wilkens, H. Digital Audio Broadcasting—the sound of 2000 97579
Wilkens, W. *see* Petersen, K. 63320
Wilker, C. *see* Zhi-Yuan Shen 55385
Wilkerson, G.A. *see* Tichenor, D.A. 81591
Wilkerson, R. *see* Rankin, R. 48825
Wilkes, C.T. *see* Nicol, J.R. 85799
Wilkes, D., Tsotsos, J. Integration of camera motion behaviours for active object recognition 64892
Wilkes, D.M., Alnajjar, H., Liang, G., Cadzow, J.A. Recursive eigenspace decomposition, RISE, and applications 51463
Wilkes, D.M. *see* Alnajjar, H. 84410
Wilkes, D.M. *see* Kara, A. 96001
Wilkes, J.E. *see* D'Angelo, D.M. 85602
Wilkes, R., Megargle, R. Integration of instruments and a laboratory information management system at the information level—an inductively coupled plasma spectrometer 66125
Wilkes, W. *see* Straube, M. 49101
Wilkie, B.A. *see* Wang, Y. 64794
Wilkie, D. Electrical test of PCBs 49709
Wilkins, B.R. *see* Shi, C. 80248
Wilkins, D. *see* Hardy, G. 77153
Wilkins, E. *see* Vaidya, R. 88345
Wilkins, G. All that's needed for substation control 89088
Wilkins, G.D. The Wright Laboratory Avionics Directorate Laser Communications Laboratory, a facility to perform free space laser communications system testing 86508
Wilkins, R., Cline, H.C. An advanced applications tool to enhance the fuse protection of power semiconductors 61998
Wilkins, W. *see* Lanier, D. 58186
Wilkinson, A.J. *see* Griffiths, H.D. 52645
Wilkinson, C., Fitzgerald, D., Frankle, S., Hutson, R., Macek, R. Monte Carlo based formula for radiation shielding assessment in the forward direction 76325
Wilkinson, C. *see* Donahue, J. 66950
Wilkinson, C. *see* Frankle, S. 76324
Wilkinson, C. *see* Hutson, R. 66949
Wilkinson, C. *see* Wang, T. 87918
Wilkinson, C.D. Integrated I&C upgrade plant demonstration status [nuclear plants] 86995
Wilkinson, C.D. *see* Berg, R.M. 89438
Wilkinson, C.D.W. *see* Krauss, T. 83081
Wilkinson, D. *see* Jehlen, J. 99851
Wilkinson, D.P., Voss, H.H., Prater, K. Water management and stack design for solid polymer fuel cells 60447
Wilkinson, G.G. *see* Kanellopoulos, I. 77305
Wilkinson, G.G. *see* Schoenmakers, R.P.H.M. 77631
Wilkinson, I. Fail safe radio remote control 65574
Wilkinson, J. *see* Liddle, L. 97522
Wilkinson, J.H., Stone, J.J. Cascading different types of video compression systems 86694
Wilkinson, J.S. *see* Amin, J. 94386
Wilkinson, M. Material progress in cable accessories up to 33 kV 53790
Wilkinson, M.H.F. A simple data compression scheme for binary images of bacteria compared with commonly used image data compression schemes 67434
Wilkinson, M.H.F. Shading correction and calibration in bacterial fluorescence measurement by image processing system 84743
Wilkinson, P.J., George, P.L., Caruana, J. Towards the optimum use of the ionospheric channel for HF communications 86042
Wilkinson, R.H. High-fidelity FIR filters based on central-difference operators 49547
Wilkinson, R.J. *see* Boloorian, M. 52435
Wilkinson, R.L. An optical disc solution for digital video storage 97703
Wilkinson, S.T., Kim, Y.W., Jokerst, N.M., Allen, M.G. Integration of thin film optoelectronic devices onto micromachined movable platforms 82875
Wilkinson, T.A., Barton, S.K. Diversity performance of direct sequence spread spectrum ISM band radio LANS in multipath channels 52199
Wilkinson, T.D., O'Brien, D.C., Mears, R.J. Dynamic asymmetric binary holograms using a ferroelectric liquid crystal spatial light modulator 64031
Wilkinson, T.D., O'Brien, D.C., Mears, R.J. Scale-invariant binary phase-only matched filter using a ferroelectric-liquid-crystal spatial light modulator 72549
Wilkinson, T.D. *see* O'Brien, D.C. 56447
Wilkinson, T.S. *see* Vaughn, V.D. 96086
Wilks, S.C. *see* Eder, D.C. 63677
Wilks, S.P., Cornish, A.E., Elliott, M., Woolf, D.A., Westwood, D.I., Williams, R.H. Investigation of silicon delta-doped gallium arsenide using the Shubnikov-de Haas effect and theoretical modeling 92936
Wilks, S.P., Williams, R.H., Williams, J.P., Tarry, H.A. An XPS study of metal-$Cd_xHg_{1-x}Te$ (CMT $x=0.225$) interfaces for surfaces prepared in vacuum (110) and by chemical etching (100): a comparison of the interfacial stability 81359
Wilks, S.P. *see* Clark, S.A. 55796
Will, D. *see* Raabe, C. 83034
Willander, M. *see* Assadi, A. 66576
Willander, M. *see* Bruce, S. 55417
Willander, M. *see* Chen, Q. 62889
Willander, M. *see* Fu, Y. 82843
Willander, M. *see* Mamontov, Y.V. 49761
Willander, M. *see* Nanzhi Zou 81786
Willander, M. *see* Nur, O. 81831
Willander, M. *see* Wahab, Q. 70031
Willander, M. *see* Wenlan Xu 66363
Willard, S. *see* Dunkley, J. 62724
Willatzen, M., Tanaka, T., Arakawa, Y., Singh, J. Polarization dependence of optoelectronic properties in quantum dots and quantum wires-consequences of valence-band mixing 63790
Willcocks, M. *see* Levinson, E. 67938
Willcox, A.R.K. *see* Buckle, P.D. 62269
Willcox, A.R.K. *see* David, J.P.R. 93314
Wille, J. *see* Scheunders, P. 67521
Wille, V., Al-Nuaimi, M.O., Haslett, C.J. Obstacle diffraction loss and shielding effectiveness under non-uniform illumination 52316
Willebeek-LeMair, M., Shahabuddin, P. Approximating dependability measures of FDDI networks 65335
Willebeek-LeMair, M. *see* Bisdikian, C. 74918
Willebeek-LeMair, M. *see* Cohen, R. 65284
Willebeek-LeMair, M. *see* Schaffa, F. 85351
Willeboer, W. *see* Zon, G.D. 78471
Willeke, F. *see* Brinkmann, R. 87830
Willeke, G. *see* Keppner, H. 100572
Willekens, P. *see* Genin, D. 70652
Willemen, J.A. *see* Zeman, M. 100605
Willems, D., Bahl, I. An MMIC-compatible tightly coupled line structure using embedded microstrip 49622
Willems, D.A. A broadband MMIC quadrature coupler using a braided microstrip structure 80631
Willems, F. *see* Loesch, K. 52508
Willems, F.M.J. *see* Bergmans, J.W.M. 64553
Willems, F.W., van der Plaats, J.C., DiGiovanni, D.J. EDFA noise figure degradation caused by amplified signal double Rayleigh scattering in erbium doped fibres 50764
Willems, G. *see* Bosisio, L. 59074
Willems, J.L. *see* Rubel, P. 67562
Willems, L.F. *see* Changxue Ma 51389
Willen, D.W.A. *see* Cave, J.R. 82434
Willen, E. *see* Anerella, M. 76663
Willen, E. *see* Gupta, R. 76648
Willen, E. *see* Lindner, M. 82420
Willen, E. *see* Muratore, J. 82419
Willen, E. *see* Thompson, P. 76655
Willen, E. *see* Wanderer, P. 82421
Willen, E. *see* Wanderer, P. 82422
Willenberg, G.D. *see* Weyand, K. 87445
Willenberg, H. Integration of the new Federal States into the national radio coverage in Germany 97569
Willenberg, H.J. *see* Feonychev, A.I. 77109
Willenborg, D.L. *see* Fanton, J.T. 76207
Willersinn, D. *see* Kropatsch, W.G. 85161
Willett, D., Kuriyagawa, S. The effects of sweep rate, voltage bias and light soaking on the measurement of CIS-based solar cell characteristics 100509
Willett, D. *see* Fredric, C. 100499
Willett, M.J. *see* Mousa-Bahia, A.A. 66568
Willett, P., Alford, M., Vannicola, V. The case for like-sensor predetection fusion 97891
Willett, P. *see* Javidi, B. 51569
Willett, P. *see* Javidi, B. 74360
Willett, P. *see* Nuttall, J.A. 74053
Willett, P. *see* Rago, C. 51544
Willett, P. *see* Rago, C. 57511
Willett, R.L. *see* Greywall, D.S. 55159
Willetts, K. Service management—the drive for re-engineering 51976
Willey, B. The future of value-added networks in the Pacific 85408
Willhite, J.R. *see* Smith, P.M. 80839
Williams, A., King, D., Gerrard, S. ATM: fact or fiction? 74954
Williams, A. *see* Roberts, G. 99286
Williams, A. *see* Sharma, A. 73054
Williams, A. *see* Sharma, A. 82582
Williams, A.A. *see* Alexiev, D. 79772
Williams, A.E. *see* Bonetti, R.R. 80757
Williams, A.J., III A free-drifting measurement of mid-water mixing by an acoustic current meter array in NATRE 88831
Williams, A.J., III *see* Morrison, A.T. 88833
Williams, B. Welsh letter-to-sound rules: rewrite rules and two-level rules compared 73786
Williams, B. *see* Turner, A. 98114
Williams, B.A., Blanchard, A.J., Colquitt, W.N., Krenek, B.D. Interferometric SAR images from holographic SAR data 77610
Williams, B.A., Schmidt, W.M., Krenek, B.D. Comparing holographic synthetic aperture radar images obtained from multifacet computer models with chamber measurements 77650
Williams, B.E., Binkley, D.M., Casey, M.E., Rochelle, J.M. A remote gain control for photomultiplier tubes 55525
Williams, B.R., Walden, D.G. Distribution automation strategy for the future—changing the momentum 78073
Williams, B.W. *see* Finney, S.J. 61512
Williams, B.W. *see* He, X. 49157
Williams, B.W. *see* He, X. 68736
Williams, B.W. *see* He, X. 80109
Williams, B.W. *see* He, X. 80112
Williams, B.W. *see* He, X. 90205
Williams, B.W. *see* Holliday, D. 89976
Williams, B.W. *see* Majed, A.-M. 54081
Williams, B.W. *see* Mirkazemi-Moud, M. 49166
Williams, B.W. *see* Mirkazemi-Moud, M. 90164
Williams, B.W. *see* Reay, D.S. 90565
Williams, B.W. *see* Wade, S. 60210
Williams, C. *see* Rignot, E. 77659
Williams, C. *see* Rignot, E. 88873
Williams, C. *see* Way, J. 77660
Williams, C.L. *see* Rignot, E.J.M. 88865
Williams, C.W. *see* Rajeswaran, S. 59291
Williams, C.W. *see* Rogers, J.G. 88125
Williams, D., Marthinuss, J., Bishop, R., Adams, D., Knoll, M., McClintock, R., Murray, J. A qualified radiation hardened EEPROM for space and tactical weapons applications 88671
Williams, D., Zeiler, J. Real-time DSP architectures: A case study 70681
Williams, D. *see* Almeida, J. 87994
Williams, D. *see* Barrios, J. 59548
Williams, D. *see* Massicott, J.F. 63705
Williams, D. *see* Xuan, Q.Y. 59982
Williams, D.A., Pettersen, E.K., Paul, D.J., Ahmed, H. High resolution scanning electron microscopy in mesoscopic physics 81409
Williams, D.A. *see* Abe, K. 88115
Williams, D.A. *see* Antilogus, P. 59064
Williams, D.A. *see* Antilogus, P. 59127
Williams, D.A. *see* Marsh, A.M. 92996
Williams, D.B. *see* Drake, D.F. 84228
Williams, D.B. *see* Schodorf, J.B. 73944

Williams, D.B. *see* Soonjoo Hwang 73943
Williams, D.E. *see* Johnson, R.L. 66610
Williams, D.E. *see* McGeehin, P. 58892
Williams, D.F., Marks, R.B. On-wafer impedance measurement on lossy substrates 66651
Williams, D.J. *see* Boyle, O. 92818
Williams, D.J. *see* Clays, K. 50937
Williams, D.J. *see* Clegg, A.J. 100960
Williams, D.J. *see* Ogunjimi, A.O. 92848
Williams, D.J. *see* Tilley, K.J. 69489
Williams, D.L., Ainslie, B.J., Kashyap, R., Maxwell, G.D., Armitage, J.R., Campbell, R.J., Wyatt, R. Photosensitive index changes in germania doped silica glass fibres and waveguides 63344
Williams, D.L. *see* Kashyap, R. 63383
Williams, D.L. *see* Ouellette, F. 63400
Williams, D.M., Thompson, C.L., Rieke, G.H., Montgomery, E.F. Compact high-resolution IR spectrometer for the Columbus telescope 66424
Williams, D.R. *see* Jerome, R.C. 93585
Williams, D.W. *see* Cox, J.D. 59228
Williams, D.W. *see* Cox, J.D. 59344
Williams, E. *see* Gonta, I. 67803
Williams, E.R. *see* Ghosh, R.N. 58910
Williams, E.R. *see* Olsen, P.T. 86829
Williams, E.W., Lawlor, C.M., Keeling, A.G., Gould, R.D. Novel room temperature carbon monoxide sensor utilizing rate of change of resistance in thick films of tin oxide 76099
Williams, E.W. *see* Jones, A.C. 54954
Williams, E.W. *see* Sproston, J.L. 57064
Williams, F. *see* Hafizi, M. 55926
Williams, F. *see* Hafizi, M. 61913
Williams, F. *see* Macdonald, F. 49676
Williams, G. Measuring amplifier noise on a noise source calibration radiometer 87493
Williams, G., Coles, G.S.V. An evaluation of thick and thin film tin dioxide based sensors for the selective detection of NO_2 87326
Williams, G., D'Silva, C. A multi-function sensor interface circuit (MFSIC) for use in chemical or biochemical sensors 87085
Williams, G., Moore, A.J., Bryce, M.R., Petty, M.C. Conductivity and electroluminescence in an organometallic Langmuir-Blodgett film/anthracene structure 63588
Williams, G. *see* Saminathan, M. 54480
Williams, G. *see* Wade, G. 61811
Williams, G.A. The WELL: on being in the community business 85921
Williams, G.A., Smith, J.G., Evans, J.H., Scholfield, J. The challenges and opportunities for electrical power systems [vehicles] 69188
Williams, G.A. *see* Fu, Y. 84317
Williams, G.L. *see* Sinclair, M.W. 53041
Williams, G.M., Cullis, A.G., Prior, K., Simpson, J., Cavenett, B.C., Adams, S.J.A. Cathodoluminescence studies of ZnSe grown on (001) GaAs using laser-assisted MBE 81319
Williams, G.M., Dutt, D.A., Ruller, J.A., Griscom, D.L., Jewell, J.M., Crahan, K.K., Friebele, E.J. Photosensitivity of rare earth-doped glasses 63403
Williams, G.M. *see* Askins, C.G. 50505
Williams, G.M. *see* Askins, C.G. 98054
Williams, G.M. *see* Mullins, J.T. 71302
Williams, G.V.M., Phillips, C.C., Woodbridge, K. Time-resolved DFWM, excite/probe and transient grating studies of $In_xGa_{1-x}As/GaAs$ superlattices 56922
Williams, H.C. *see* Scheidler, R. 83970
Williams, H.H. *see* Ekenberg, T. 70664
Williams, H.H. *see* Gerds, E.J. 59203
Williams, H.H. *see* Gerds, E.J. 80500
Williams, H.H. *see* Newcomer, F.M. 67375
Williams, J., Hills, D., Okazaki, D. An interactive swath mosaic editor in a visual programming environment 99278
Williams, J., Kalogiratou, Z. Best Chebyshev approximation from families of ordinary differential equations 48840
Williams, J. *see* Freeman, A. 77608
Williams, J.A.R., Bennion, I., Sugden, K., Doran, N.J. Fibre dispersion compensation using a chirped in-fibre Bragg grating 63381
Williams, J.E. *see* Gavrilovic, P. 83010
Williams, J.E. *see* Tihanyi, P.L. 72914
Williams, J.E.C., Baker, M., Bobrov, E.S., Iwasa, Y., Leupold, M.J., Stejskal, V.J., Weggel, R.J., Zhukovsky, A., Gung, J., Miller, J., Painter, T., van Sciver, S. The development of a niobium-titanium cable-in-conduit coil for a 45 T hybrid magnet 82412
Williams, J.E.C. *see* Bromberg, L. 82413
Williams, J.E.C. *see* Miller, J.R. 82404
Williams, J.E.C. *see* Pourrahimi, S. 82478
Williams, J.G. *see* Jouse, W.C. 99886
Williams, J.H. *see* Grosvenor, R.I. 60806
Williams, J.L. *see* Jones, R.E., Jr. 50319
Williams, J.O. *see* Baggaley, A. 56904
Williams, J.O. *see* Wright, A.C. 79836
Williams, J.P., Westwood, D.I., Sobiesierski, Z., Aubrey, J.E. Growth optimization of n-type GaAs on GaAs(201) substrates 69940
Williams, J.P. *see* Wilks, S.P. 81359
Williams, J.R., Amaratunga, K. Simulation based design using wavelets 57593
Williams, J.R. *see* Percival, R.M. 63744
Williams, J.R. *see* Percival, R.M. 83013
Williams, J.R. *see* Percival, R.M. 94372
Williams, J.R. *see* Wyatt, R. 56727
Williams, J.S., Petravic, M., Svensson, B.G., Conway, M. Oxidation of silicon by low energy oxygen bombardment 81474
Williams, J.S. *see* Jiang, H. 49845
Williams, J.S. *see* Ridgway, M.C. 55701
Williams, J.S. *see* Svensson, B.G. 49856
Williams, J.T. *see* Nghiem, D. 80563
Williams, K. *see* Bhattacharya, S. 52165
Williams, K. *see* Ducharme, R. 83404
Williams, K. *see* Schormans, J.A. 96155
Williams, K.A., Griffin, P.S., White, I.H., Garrett, B., Whiteaway, J.E.A., Thompson, G.H.B. Carrier transport effects in long-wavelength multi-quantum-well lasers under large-signal modulation 72853
Williams, K.A., White, I.H., Burns, D., Sibbett, W. Low jitter Q-switching using optoelectronic feedback 94448
Williams, K.A. *see* Whiteaway, J.E.A. 94483
Williams, K.J. Nonlinear mechanisms in microwave photodetectors operated with high intrinsic region electric fields 87173
Williams, K.J., Esman, R.D., Dagenais, M. Effects of high space-charge fields on the response of microwave photodetectors 58774
Williams, K.R., Muller, R.S. IC-processed hot-filament vacuum microdevices 62089
Williams, L. Libraries without walls: vision for a National Information Infrastructure 85781
Williams, L. *see* Dufay, L. 94020
Williams, L. *see* Lebrun, P. 94023
Williams, L. *see* Rossi, L. 94021
Williams, L.A., III, Wooley, B.A. A third-order sigma-delta modulator with extended dynamic range 49207
Williams, M. Quality management and training design 54383
Williams, M. A comparison of two examples of magnetic tracker systems 94737
Williams, M., Bonn, F., Gong, C., Quach, T. GaAs RF ICs target 2.4-GHz frequency band 70915
Williams, M. *see* Giesler, J. 80991
Williams, M. *see* Graber, Z. 75189
Williams, M.A., Hall, D.A., Wood, A.K. 0-3 piezoceramic-polymer composites prepared using thermoplastics and elastomers 56142
Williams, M.B., Sobottka, S.E., Shepherd, J.A. Properties of 100 mm×100 mm triple stacks of microchannel plates used in a sealed detector for X-ray crystallography 59226
Williams, M.B. *see* Shepherd, J.A. 59116
Williams, M.B. *see* Shepherd, J.A. 59235
Williams, M.C.S. *see* Charpak, G. 76753
Williams, M.C.S. *see* Crotty, I. 67347
Williams, M.D. *see* Chiu, T.H. 55826
Williams, M.D. *see* Chiu, T.H. 71364
Williams, M.D. *see* Cunningham, J.E. 48950
Williams, M.D. *see* Mendonca, C.A.C. 93154
Williams, M.E. *see* Trumper, D.L. 68550
Williams, M.J. *see* Lucovsky, G. 93431
Williams, M.L. *see* Heim, D.E. 72133
Williams, M.L. *see* Parsons, A.T. 57440
Williams, N.J. *see* DeFerrari, H.A. 88809
Williams, O. *see* Driggers, R.G. 76082
Williams, O.M. Imaging infrared fundamentals revisited 66438
Williams, P.I., Grundy, P.J. Magnetic and magnetostrictive properties of amorphous rare earth-transition metal alloy films 56198
Williams, P.J., Charles, P.M., Griffiths, I., Carr, N., Reid, D.J., Forbes, N., Thom, E. WDM transceiver OEICs for local access networks 86418
Williams, P.J.S. *see* Uspensky, M.V. 67808
Williams, P.J.S. *see* Uspensky, M.V. 94804
Williams, P.M. A novel automatic call restriction scheme for control of focused overloads 64915
Williams, R. Dual use applications of Wright Laboratory Avionics Technologies to computer assisted minimally invasive surgery (CAMIS) 88528
Williams, R., Grant, D.A., Gowar, J. Multi-element (matrix) transformers for switched-mode power supplies 60289
Williams, R., Leonard, J. Surgery benefits from defense technology: dual use applications of Wright Laboratory Avionics technologies to Computer Assisted Minimally Invasive Surgery (CAMIS) 88526
Williams, R., Westerkamp, J.J. Single epoch adaptive estimation of evoked potentials using the modified p-vector algorithm 88519
Williams, R. *see* Barletta, B. 76636
Williams, R. *see* Piva, P.G. 71178
Williams, R. *see* Wang, C.X. 76941
Williams, R.A. Electronically controlled automotive suspensions 60605
Williams, R.A. *see* Bhattacharya, S.S. 62761
Williams, R.A. *see* Etuke, E.O. 87587
Williams, R.A. *see* Wang, M. 58638
Williams, R.B., Ewart, P., Dreizler, A. Velocimetry of gas flows using degenerate four-wave mixing 98357
Williams, R.B., Phinney, H.K., Steege, K.L. Mail facilities in a multimedia environment 58089
Williams, R.C. Centralized management in a distributed world 58065
Williams, R.G. *see* Appell, G.F. 99271
Williams, R.G.D. *see* So, E.C.T. 68656
Williams, R.H. *see* Clark, S.A. 55796
Williams, R.H. *see* Luo, J.K. 55571
Williams, R.H. *see* Wilks, S.P. 81359
Williams, R.H. *see* Wilks, S.P. 92936
Williams, R.K., Blattner, R. Benefits of DMOS voltage scaling on synchronous buck regulator efficiency 55133
Williams, R.K., Sevilla, L.T., Rodamaker, M.C. Predicting hysteretic oscillations in over-temperature protection of a power IC using transient electrothermal circuit simulation 55144
Williams, R.K. *see* Kasem, Y.M. 55146
Williams, R.K., Baliga, B.J. *(editors)* Proceedings of the 5th International Symposium on Power Semiconductor Devices and ICs ISPSD '93 (Cat. No.93CH3314-2) 54316
Williams, R.L. *see* Pratt, A.R. 79777
Williams, R.S. *see* Talin, A.A. 71576
Williams, R.T. *see* Legg, J.D. 62072
Williams, S. *see* Aguero, V. 88632
Williams, S.H. *see* Abe, K. 88115
Williams, S.H. *see* Antilogus, P. 59064
Williams, S.H. *see* Antilogus, P. 59127
Williams, S.H. *see* Tenenbaum, P. 76679
Williams, S.L. *see* Nelson, R. 89102
Williams, S.M., Kline, D.B. An object-oriented graphical approach for teaching electric machinery analysis 78553
Williams, S.M. *see* Alexander, D.R. 60348
Williams, T.D.N. Measurement techniques and test methods: developments, costs and options 57141
Williams, T.W. *see* Park, J. 49386
Williams, T.W. *see* Sousa, J.T. 49223
Williams, W.A. *see* Berglund, R.C. 89532
Williams, W.F. *see* Maddocks, M.C.D. 97548
Williams, W.G. *see* Eaton, G.H. 76399
Williams, W.G. *see* Nagamine, K. 76398
Williams, W.J. Time-frequency analysis of biological signals 77008
Williams, W.J. *see* Amin, M.G. 84262
Williams, W.J. *see* Cuningham, G.S. 84500
Williams, W.J. *see* Cunningham, G.S. 64490
Williams, W.J. *see* Cunningham, G.S. 64497
Williams, W.S. *see* Rybicki, G.C. 92943
Williamson, A.C. *see* Westlake, A.J.G. 100049
Williamson, B. *see* Taylor, R.H. 67628
Williamson, C.L. *see* Basil, N. 75051
Williamson, C.L. *see* Gulati, N. 65364
Williamson, D. *see* Barry, T. 84182
Williamson, D.C. *see* Liou, J.J. 62693
Williamson, D.C. *see* Liou, J.J. 81828
Williamson, D.L., Chen, Y., Jones, S.J. Microstructure of a-Si:H, a-SiGe:H, and a-SiC:H solar cell materials 90449
Williamson, D.L. *see* Kim, D. 90433
Williamson, E.C. *see* Rego, C.A. 79913
Williamson, G.A. Globally convergent adaptive filters with infinite impulse responses 80479
Williamson, G.A. Gradient-descent adaptation of cascade-form adaptive filters 95560
Williamson, J. *see* Titch, S. 85436
Williamson, M. The growth of microsats 59440
Williamson, P.R. *see* Aguero, V. 88632
Williamson, R.C., James, B., Anderson, B.D.O., Kootsookos, P.J. Threshold effects in multiharmonic maximum likelihood frequency estimation 64463
Williamson, R.C. *see* James, B. 64485
Williamson, R.C. *see* Karan, M. 84330
Williamson, R.C. *see* Karan, M. 95388
Williamson, R.G. *see* Nerem, R.S. 99255
Williamson, S. Induction motor modelling using finite elements 100145
Williamson, S., Flack, T.J. Effect of radial rotor ventilation ducts on cage motor equivalent circuit parameters 54025
Williamson, S.E. *see* Dolfini, S.M. 76854
Williamson, S.E. *see* Mandeville, J.B. 76855
Williamson, W., Jr., Drallos, P.J., Nagorny, V.P. Physics and modeling of an AC-plasma display picture element 87381
Willie, H. *see* Hessenmuller, H. 86797
Willie, H. *see* Hessenmuller, H. 97634
Willing, B., Maan, J.C. Nonlinear transport in semi-insulating GaAs: critical fields and nucleation of high-field domains 62176
Willing, F., Oswald, R., Newton, J. Controlling shorts in a-Si modules 100547
Willing, F. *see* O'Dowd, J.G. 100543
Willing, F. *see* Oswald, R. 90428
Willing, W.E., Helland, A.R. Implementing proper ASIC design margins: a must for reliable operation 55220
Willinger, L.J. *see* Somos, I.L. 62731
Willinger, W. *see* Duffy, D.E. 51971
Willinger, W. *see* Erramilli, A. 65013
Willinger, W. *see* Leland, W.E. 58125
Willink, T.J., Wittke, P.H. Comparison of optimised multicarrier and equalised single carrier transmission 85217
Willis, A.P., Kane, D.M. Modulation induced coherence collapse: the collapse of side mode suppression in external cavity diode lasers 94537
Willis, B. Multi-cultural issues in the delivery of distance education 96389
Willis, D.J. *see* Stephenson, N. 74890

Willis, F.M. *see* Johnson, M.H. 50479
Willis, H.L., Scott, W.G. Advanced engineering methods for optimizing and integrating distribution planning with demand-side management and dispersed generation 78099
Willis, K. *see* DiMatteo, D. 91967
Willis, M.R. *see* Critchley, S.M. 70064
Willis, N.P. *see* Bresler, Y. 88459
Willis, W. *see* Benary, O. 98640
Willis, W.J. *see* Benary, O. 53327
Willis, W.J. *see* Benary, O. 98517
Willis, W.J. *see* Fields, D.E. 98522
Willis, W.J. *see* van Hecke, H. 67350
Willke, T.L. *see* Nassiri, A. 98388
Willman, B. *see* Klimek, D.E. 72714
Willmann, G. *see* Bafutto, M. 51877
Willmes, H. *see* Bayer, W. 59835
Willmot, G.E., Xiaodong Lin Lundberg bounds on the tails of compound distributions 91191
Willner, A.E., Hwang, S.-M. Optically-amplified WDM ring network incorporating channel-dropping filters 75421
Willner, A.E. *see* Norte, A.D. 82676
Willner, B.E. Large scale multimedia and interactive television 51911
Willocq, S. *see* Abe, K. 88115
Willoughby, A.F.W. The control of radiation resistance in space solar cells 78817
Wills, D.S. *see* Lacy, W.S. 50701
Willsky, A.S. *see* Allen, T.G. 57836
Willsky, A.S. *see* Allen, T.G. 74455
Willsky, A.S. *see* Chaney, R.D. 75629
Willsky, A.S. *see* Karl, W.C. 51665
Willsky, A.S. *see* Luettgen, M. 79560
Willsky, A.S. *see* Luettgen, M.R. 84950
Willsky, A.S. *see* Miller, E.L. 57580
Willson, A.N., Jr., Orchard, H.J. An improvement to the Powell and Chau linear phase IIR filters 92374
Willson, A.N., Jr. *see* Green, M.M. 49539
Willson, A.N., Jr. *see* Kei-Yong Khoo 70751
Willson, A.N., Jr. *see* Kwentus, A.Y. 70627
Willson, A.N., Jr. *see* Werter, M.J. 49556
Willson, R.C., Shafer, S.A. What is the center of the image? 96062
Willson, S.D. *see* Massicott, J.F. 63705
Willutzki, P., Stormer, J., Britton, D.T., Kogel, G., Sperr, P., Steindl, R., Trifshauser, W. Retarding field and timing measurements of positrons from a W[100] foil 87666
Wilmarth, D.D. A hierarchical parallel processor for digital signal processing applications 70676
Wilmore, D.W. *see* Cha, K. 59390
Wilmsen, C.W. *see* Mitkas, P.A. 50627
Wilmshurst, T. Desert, diamonds, diplomas and degrees. Building an engineering department in Botswana 90791
Wilmshurst, T.H., Shah, J. PC processor for plethysmograph airway resistance and thoracic gas volume measurement 67449
Wilmut, M.J., Ozard, J.M., Woods, B. An efficient target tracking algorithm for matched field processing 97447
Wilmut, M.J. *see* Ozard, J.M. 97448
Wilpon, J.G. *see* Sukkar, R.A. 84066
Wilquet, G. *see* Aoki, S. 53304
Wilschut, H.W. *see* Gabler, A.R. 67416
Wilshaw, P.R., Boswell, E.C. Field emission from pyramidal cathodes covered in porous silicon 62045
Wilshaw, P.R. *see* Galloway, S.A. 55553
Wilson, A., Tamizi, M., Wright, J.D. Detection of nitro compounds by organic semiconductor sensors 66549
Wilson, A., Wright, J.D., Murphy, J.J., Stroud, M.A.M., Thorpe, S.C. Sol-gel materials for gas-sensing applications 66548
Wilson, A. *see* Auret, F.D. 55564
Wilson, A. *see* Chadwick, A.V. 58889
Wilson, A. *see* Hodgson, E. 63667
Wilson, A.F. *see* Hobbs, B.F. 77900
Wilson, A.W. Synchronizing a TDI camera to an image processing system 98116
Wilson, B. *see* Akiyama, T. 97609
Wilson, B. *see* Doverspike, R. 85352
Wilson, B. *see* Ghassemlooy, Z. 64259
Wilson, B. *see* Lu Chao 85850
Wilson, B. *see* Peyton, A.J. 61570
Wilson, B. *see* Toyokura, M. 92281
Wilson, B.D., Mannucci, A.J., Edwards, C.D. Sub-daily northern hemisphere ionospheric maps using the IGS GPS network 73330
Wilson, B.W., Hansen, N.H., Davis, K.C. Magnetic-field flux density and spectral characteristics of motor-driven personal appliances 98994
Wilson, C. A new horizon for network management 58058
Wilson, C. Telephony's competitive landscape 65203
Wilson, C. Coordination vs master-slave motion system applications 89810
Wilson, C. Service testing gathers steam [telecommunication service quality] 96767
Wilson, C. *see* Smith, A.M. 77270
Wilson, C.L., Candela, G.T., Watson, C.I. Neural-network fingerprint classification 84782
Wilson, C.T. *see* Lue, J.W. 82479
Wilson, D., Walton, A.J. Automatic in-line to end-of-line defect correlation using FSRAM test structure for quick killer defect identification 61686
Wilson, D. *see* Bitterman, D. 77548
Wilson, D. *see* Sun, H. 50892
Wilson, D.E. *see* Amin, V.R. 99357
Wilson, D.G. *see* Korakianitis, T. 60104
Wilson, D.H. Health and safety considerations in the specification of battery systems 60415
Wilson, D.R. *see* Rodgers, P.A. 54465
Wilson, D.V. *see* Leland, W.E. 58125
Wilson, D.W., Tsui, B.M.W. Noise properties of filtered-backprojection and ML-EM reconstructed emission tomographic images 59306
Wilson, E., Umesh, S., Tufts, D.W. Multistage neural network structure for transient detection and feature extraction 74111
Wilson, E.A. *see* Becker, D.C. 85548
Wilson, E.G. *see* Scott, K. 49729
Wilson, G., Chan, P.K. Analysis of nonlinearities in MOS floating resistor networks 49120
Wilson, G.R. *see* Hardwicke, K.R. 57444
Wilson, G.R. *see* Ladd, M.D. 84504
Wilson, H.K. *see* Hutchins, M.S. 77229
Wilson, H.S. Currents induced on a finite superconducting cylinder 72277
Wilson, I., Wuensch, W. Multibunching studies for CLIC 67049
Wilson, I.H. *see* Hammiche, A. 70100
Wilson, I.H. *see* Hsu, C.C. 48924
Wilson, I.H. *see* Hsu, C.C. 70122
Wilson, I.H. *see* Hsu, C.C. 79814
Wilson, I.H. *see* Hsu, C.C. 79856
Wilson, I.H. *see* Xu, J. 76237
Wilson, I.H. *see* Xu, J.B. 75910
Wilson, I.M. *see* Steinberg, C.J. 49695
Wilson, I.W. *see* Grant, M.F. 72368
Wilson, J. Practical problem solving 54467
Wilson, J. *see* McMahon, T. 88003
Wilson, J. *see* McMahon, T. 88013
Wilson, J. *see* Mamyshev, P.V. 63412
Wilson, J.D. *see* Kory, C.L. 62126
Wilson, J.F. The TETRA system and its requirements for linear amplification 52436
Wilson, J.G. *see* Gupta, N.K. 100938
Wilson, J.I.B. *see* Davidson, J.L. 81505
Wilson, J.I.B. *see* John, P. 69928
Wilson, J.I.B. *see* John, P. 70091
Wilson, J.J. *see* Hanson, S.G. 88769
Wilson, J.N., Forsman, R.H. Using templates and neighborhoods: Practical considerations and formal observations 85116
Wilson, J.S. *see* Rogers, R.R. 88779
Wilson, K.R. *see* Kohler, B. 83234
Wilson, M. *see* Deis, G. 87958
Wilson, M.G. *see* Mooney, M.G. 88347
Wilson, M.G.F. *see* Plissi, M.V. 63704
Wilson, M.N. *see* Kempson, V.C. 87892
Wilson, N.D. *see* Raychaudhuri, D. 97059
Wilson, P. *see* Seymour, R.S. 50662
Wilson, P. *see* Yu, D. 71046
Wilson, P.B. *see* Farkas, Z.D. 66824
Wilson, P.B. *see* Hantista, C. 66823
Wilson, P.B. *see* Ruth, R.D. 66791
Wilson, P.B. *see* Vlieks, A.E. 67011
Wilson, P.D. *see* Medlen, N.J. 52510
Wilson, P.H. *see* Dupont, E. 87196
Wilson, P.H. *see* Xing, B. 87180
Wilson, R. A fast track for MPEG applications 96393
Wilson, R., Hancock, E.R. Matching features in aerial images by relaxation labelling 84877
Wilson, R. *see* Calway, A.D. 57653
Wilson, R. *see* Calway, A.D. 84660
Wilson, R. *see* Radice, T. 58512
Wilson, R. *see* Roman, R. 89100
Wilson, R.A. *see* Yang, C.H. 62721
Wilson, R.E. PMUs [phasor measurement unit] 68230
Wilson, R.G. *see* Brown, J.J. 55409
Wilson, R.G. *see* Carns, T.K. 71138
Wilson, R.G. *see* Zavada, J.M. 55707
Wilson, R.J. *see* Abe, K. 88115
Wilson, R.J. *see* Antilogus, P. 59064
Wilson, R.J. *see* Antilogus, P. 59127
Wilson, R.M. *see* Klages, E.J. 91103
Wilson, R.W. *see* Glance, B. 72384
Wilson, S. Service management systems: supporting the customer interface 65165
Wilson, S.A.D. *see* Gibson, D.R. 50663
Wilson, S.E. *see* Anspach, J.H. 78113
Wilson, S.G. *see* Giallorenzi, T.R. 85271
Wilson, S.K., Delay, P. A method to improve cathode ray oscilloscope accuracy 66599
Wilson, S.P., Brand, S. Spatial impact ionization transients in GaAs: their origin and characteristics 62170
Wilson, S.S. Morphological Hopfield nets 85129
Wilson, T. Volume testing of commercial RFICs 79288
Wilson, T.C., Grewal, G.W., Banerji, D.K. An ILP solution for simultaneous scheduling, allocation, and binding in multiple block synthesis 91763
Wilson, T.E. *see* Mueller, E.R. 63675
Wilson, T.E. *see* Temofonte, T.A. 66482
Wilson, T.G. *see* Balakrishnan, A. 55450
Wilson, T.G. *see* Kelley, A.W. 70961
Wilson, T.G. *see* Miles, F.M. 49143
Wilson, T.G. *see* Wilson, T.G., Jr. 61526
Wilson, T.G., Jr., Wilson, T.G., Owen, H.A., Jr. Coupling of magnetic design choices to DC-to-DC converter electrical performance 61526
Wilson, W. *see* Li, F. 77360
Wilson, W. *see* Tanner, A. 59555
Wilson, W.J. *see* Yueh, S.H. 77535
Wilson, W.J. *see* Yueh, S.H. 88795
Wilson, W.L. *see* Kido, M. 71520
Wilson, W.R. *see* Baron, S. 74408
Wilson, W.W. Creating effective partnerships with contract manufacturers 90918
Wilsun Xu, Drakos, J.E., Mansour, Y., Chang, A. A three-phase converter model for harmonic analysis of HVDC systems 78062
Wilsun Xu *see* Mansour, Y. 78033
Wilt, D.M., Fatemi, N.S., Hoffman, R.W., Jr., Jenkins, P.P., Drinker, D.J., Scheiman, D., Lowe, R., Fauer, M., Jain, R.K. High efficiency indium gallium arsenide photovoltaic devices for thermophotovoltaic power systems 54153
Wilt, D.M. *see* Bailey, S.G. 100521
Wilt, D.M. *see* Faur, M. 55679
Wilt, D.M. *see* Jain, R.K. 100689
Wilt, D.P. Reliability of InGaAs/InP semiconductor diode lasers 56804
Wilt, D.P. *see* Bylsma, R.B. 72804
Wilt, P. *see* Wuosmaa, A.H. 67386
Wilton, D.T., Mapps, D.J., Shute, H.A. Exact field calculations for conventional and graded magnetization thin film recording heads 72154
Wilton, R. Determining the appropriate level of abstraction for simulating automotive systems 60596
Wiltshire, S.L., Dwyer, J.C. Development and implementation of a PC-based equipment information system 90081
Wiltshire, T. *see* Vigil, J. 71533
Wiltz, J. *see* Kobayashi, K.W. 92561
Wimalaratna, H.S.K. *see* Preece, A.W. 53426
Wimmer, C. *see* Reinbold, J. 58901
Wimmer, G. *see* Palencar, R. 75809
Wimmer, K. *see* Strasser, E. 49880
Wimpenny, S.J. *see* Ziock, H.J. 76767
Win, P., Druelle, Y., Cappy, A., Cordier, Y., Adam, D., Favre, J. Metamorphic $In_{0.3}Ga_{0.7}As/In_{0.29}Al_{0.71}As$ layer on GaAs: a new structure for millimeter wave ICs 61958
Win, P., Druelle, Y., Cordier, Y., Adam, D., Favre, J., Cappy, A. High-performance $In_{0.3}Ga_{0.7}As/In_{0.29}Al_{0.71}As/GaAs$ metamorphic high-electron-mobility transistor 71731
Win, P.de *see* de Win, P.
Win Naing Maung, Butler, D.P., Xiong, W., Kula, W., Sobolewski, R. Propagation characteristics of monolithic YBaCuO coplanar strip transmission lines fabricated by laser-writing patterning technique 55381
Win Naing Maung, Butler, D.P., Xiong, W., Kula, W., Sobolewski, R. Microwave properties of monolithic YBaCuO transmission line devices fabricated by the laser-writing patterning technique 92493
Winans, J.R. *see* Nawrocki, G.J. 76333
Winau, D., Itoh, H., Schmid, A.K., Ichinokawa, T. Ag on Si(001)(2×1) formation of a 2×3 superstructure 71199
Winau, D. *see* Ichinokawa, T. 71198
Winau, D. *see* Itoh, H. 71200
Wincheringer, W. Maintenance as a partner of the quality system. I. Decentralised structures of production require a coordinated togetherness 69586
Wincheringer, W. Maintenance, a partner of the quality system. II. The use of diagnosis system based on knowledge 91119
Wincheski, B. *see* Namkung, M. 93870
Winckel, L. *see* Greiner, A. 49477
Wind, S. *see* Mii, Y. 71804
Wind, S. *see* Taur, Y. 62851
Wind, S. *see* Taur, Y. 93612
Winde, M. *see* Burger, J. 98570
Windeatt, T. *see* Hilton, A. 69609
Windeatt, T. *see* Tai, A. 84650
Windels, W.J. *see* Horspool, R.N. 77011
Winder, S. Poles and zeros 91696
Winderickx, G. *see* Bosisio, L. 59074
Windgassen, R.A. *see* Hurkx, G.A.M. 62853
Windham, J.P. *see* Soltanian-Zadeh, H. 53378
Windheim, J.A.von *see* von Windheim, J.A.
Windheiser, D. *see* Chatterjee, A. 83618
Windingland, L. *see* Sharpe, W.N. 68631
Windisch, A. *see* Lecot, C. 52937
Windisch, H.J. *see* Hansen, W.G. 89189
Windley, P. *see* Arora, T. 55307
Windley, P.J. *see* Fura, D.A. 55309
Windmar, D. *see* Gubanski, S.M. 89343
Windram, M.D., Drury, G.M. Satellite and terrestrial broadcasting—the digital solution 97539
Windram, M.D., Mason, A.G. Digital terrestrial broadcasting — issues for successful implementation 86652
Windt, D.L. *see* Tichenor, D.A. 81591
Winebrenner, D.P. *see* Joughin, I.R. 88729
Wineland, D.J. *see* Jefferts, S.R. 86939
Wineland, D.J. *see* Tan, J.N. 86906
Wineman, S. *see* Deis, G. 87958
Wineman, S. *see* Heim, J. 88070
Winer, B. *see* de Barbaro, P. 98584
Wines, R. *see* Yan, C. 73240
Winfield, J.S. *see* Mercer, D.J. 87998

Winfield, R.J. *see* Fieret, J. 63666
Winful, H.G. *see* Rahman, L. 72859
Wing, M., Gieras, J.F. Simulation of transient performance of small permanent magnet DC commutator motors using the finite element method 90018
Wing, O., Liu, H. Lumped approximation of the characteristic impedance of the RLGC transmission line with error analysis 55096
Wing, O. *see* Hong Liu 91762
Wing, O. *see* Hong Shi 96903
Wing Cheng Siu *see* Siu Wing Cheng
Wing Hung Lau, Hancock, E. Pyramidal hierarchical relaxation 96114
Wing Ning Strongly NP-hard discrete gate-sizing problems 80223
Wing Sang Lee, Greenstreet, M.R., Seger, C.-J. Automatic verification of refinement 93532
Wing Yau *see* Lardizabal, S. 81986
Wing-Hung Ki *see* Jyhfong Lin 95408
Wing-Yan Ng *see* Xiang-Ming Li 98875
Wingate, G.A.S., Preece, C. A software-implemented fault-tolerant technique for microprocessor controllers 55294
Wingelaar, K. *see* Stroucken, M. 96567
Wingenroth, J.L. Improved data telemetry and location via satellite for ocean environment applications 99260
Wingerden, P.P.M.von *see* von Wingerden, P.P.M.
Wingerter-Seez, I. *see* Gingrich, D. 53291
Wingfield, S.L., Venema, T.L. The joint direct attack munition (JDAM)I cost and operational effectiveness analysis (COEA): the philosophy and methodology 88932
Wingham, D.J. *see* Scott, R.F. 88739
Wingreen, N.S., Meir, Y. Anderson model out of equilibrium: noncrossing-approximation approach to transport through a quantum dot 55610
Winiarski, B., Zakrzewski, Z. Simplified analysis and element selection method of indirect resonant circuit with pulse width modulation 70218
Winiarski, B. *see* Zakrzewski, Z. 70282
Winick, H. High energy synchrotron radiation sources 53362
Winick, H., Bane, K., Boyce, R., Cobb, J., Loew, G., Morton, P., Nuhn, H.-D., Paterson, J., Pianetta, P., Raubenheimer, T., Seeman, J., Tatchyn, R., Vylet, V., Pellegrini, C., Rosenzweig, J., Travish, G., Prosnitz, D., Scharlemann, E.T., Halbach, K., Kim, K.-J., Schlueter, R., Xie, M., Bonifacio, R., De Salvo, L., Pierini, P. Short wavelength FELs using the SLAC linac 83178
Winick, H., Bane, K., Boyce, R., Loew, G., Morton, P., Nuhn, H.-D., Paterson, J., Pianetta, P., Raubenheimer, T., Seeman, J., Tatchyn, R., Vylet, V., Pellegrini, C., Rosenzweig, J., Travish, G., Prosnitz, D., Scharlemann, E.T., Halbach, K., Kim, K.-J., Xie, M. A 2-4 nm Linac Coherent Light Source (LCLS) using the SLAC linac 63870
Winick, H. *see* Tatchyn, R. 63889
Winick, H. *see* Tran, P. 66892
Winick, K.A. *see* Sangmin Lee 73583
Winje, D. Integration of the West Berlin network into the German grid system 68124
Winkelman, J. *see* Krtolica, R. 57927
Winkelstein, D., Stevenson, D. Supercomputer communications as an application for ATM local area networks 58156
Winkelstein, D. *see* Basch, B. 85666
Winker, D.M. Fabrication and testing of large steering mirrors for a scanning lidar 86602
Winkler, A. *see* Ricker, G. 95089
Winkler, C., Cohen, G. Precision RF channel development for high performance HF systems 97018
Winkler, D. The race between modern microprocessors 55297
Winkler, D. *see* Danerud, M. 58749
Winkler, D. *see* Danerud, M. 87181
Winkler, D. *see* Karasik, B. 66353
Winkler, D. *see* Lindgren, M. 56521
Winkler, D. *see* Nilsson, P.A. 72227
Winkler, D. *see* Zhang, Y.M. 55428
Winkler, D. *see* Zhang, Y.M. 56245
Winkler, E.R. *see* Cadogan, D.P. 99092
Winkler, F. *see* Beetz, B.H. 98321
Winkler, G. *see* Gusewell, D. 76381
Winkler, J., Sager, K. A metrological model of thin-film humidity sensors 75942
Winkler, J.F.H., Diessl, G. Object CHILL—an object oriented language for systems implementation 52283
Winkler, K. *see* Weisang, C. 68355
Winkler, M., Li, G., Weil, C., Wollnik, H., Spiller, P., Hoffmann, D.H.H., Tauschwitz, A. High current pulsed quadrupole lenses 76564
Winkler, R., Sano, M. Improvement of the gate oxide integrity by modifying crystal pulling and its impact on device failures 54810
Winkler, R. *see* Bagnoli, G. 96417
Winkler, R. *see* Baiocchi, A. 51849
Winkler, W. *see* Dawid, Z. 78566
Winkler, W. *see* Janiczek, R. 79159
Winkler, W. *see* Pavuza, F.G. 90599
Winn, D.R. *see* Arrington, K. 88112
Winn, D.R. *see* Arrington, K. 98564
Winn, D.R. *see* Arrington, K. 98634
Winn, D.R. *see* Brown, D. 59084
Winn, D.R. *see* Kefford, D. 59092
Winn, D.R. *see* Lin, B.-Y. 62129
Winn, P. *see* Hale, J.R. 83558
Winnacker, A. *see* Waldmuller, S. 55569
Winnerl, J. Silicides for high density memory and logic circuits 93632
Winnerl, J. *see* Griep, S. 82035
Winnerl, J. *see* Heinrich, R. 92420
Winnick, J. *see* Harris, D. 55552
Winnicke, H. *see* Bruns, J. 60458
Winningham, J.D. *see* Stone, N.H. 88634
Winogradow, A. *see* Morew, W. 85577
Winokur, P.S., Shaneyfelt, M.R., Meisenheimer, T.L., Fleetwood, D.M. Advanced qualification techniques [microelectronics] 71776
Winokur, P.S. *see* Warren, W.L. 62330
Winokur, P.S. *see* Warren, W.L. 93078
Winslade, J. *see* Saiedian, H. 96568
Winslow, T.A., Morris, A.S., Trew, R.J. An improved gate breakdown model for studying high efficiency MESFET operation 62894
Winslow, T.A., Trew, R.J. Principles of large-signal MESFET operation 70871
Winsor, P. *see* Papadopoulos, G. 90342
Winsor, P., IV *see* MacDougall, F.W. 90339
Winstanley, S.B., Cuthbert, L.G. Permit delivery rates of an ATM cell based access network MAC protocol 65030
Winston, A.E. *see* Cala, F.R. 90953
Winston, P.B. *see* Barnett, C.W. 54066
Winston, P.B. *see* McElray, J.L. 78228
Wintenberg, A.L. *see* Britton, C.L. 71809
Wintenberg, A.L. *see* Todd, R.A. 88236
Wintenberg, A.L. *see* Todd, R.A. 98675
Winter, A. Simple generation of COFDM signals with Software DAB-K1 86650
Winter, A. *see* Schlemmer, B. 82561
Winter, A. *see* Werner, R. 86192
Winter, A.R.de *see* de Winter, A.R.
Winter, B. *see* Fisher, M.V. 88288
Winter, C.H. *see* Lewkebandara, T.S. 54955
Winter, E.M., Schlangen, M.J., Hendrickson, C.R. Comparisons of target detection in clutter using data from the 1993 FOPEN experiments 75628
Winter, G.B. *see* Sy, B.K. 80050
Winter, H.M.J.de *see* de Winter, H.M.J.
Winter, H.P. *see* Wutte, D. 53160
Winter, K. *see* Aoki, S. 53304
Winter, K. *see* Bellmore, M.A. 88784
Winter, P., Syslo, M.M. Maximal outerplanar graphs with perfect face-independent vertex covers 91258
Winter, U. *see* Brandes, J. 100891
Winter, W. *see* Bissen, M. 87752
Winterbottom, A. *see* Stickley, A. 79472
Winterer, M., Bock, C., Temerinac, M., Menkhoff, A., Backes, R. Digital filter processor: A low cost one-chip solution for audio and speech processing 70626
Winterfeld, C.van *see* van Winterfeld, C.
Winters, E.D., Baxter, W.K., Choudhury, A. A comparison of electrolytic and electroless Ni/Au finishing processes for multilayer ceramic IC packages 71006
Winters, G.A. *see* Bauer, M.A. 85645
Winters, G.S. *see* Rieke, M.J. 66414
Winters, G.S. *see* Smith, W.K. 66415
Winters, J.H., Salz, J., Gitlin, R.D. The impact of antenna diversity on the capacity of wireless communication systems 58289
Winters, J.H. *see* Seshadri, N. 65634
Winters, K.B. *see* Rouseff, D. 99275
Winters, K.D. *see* Eshraghi, A. 80277
Winters, R.C. *see* Bennett, K.D. 76046
Winterton, S.S. *see* Smy, T. 49921
Winther, C.A.D. *see* Klonz, M. 86898
Winthrop, J. *see* Prohaska, J.D. 63411
Wintraecken, Y. *see* Schotanus, P. 88324
Wintraecken, Y. *see* Schotanus, P. 98733
Winxiang Wang *see* Wang Winxiang
Winzen, A. Matching of 3d-lines for automatic model-generation 84891
Winzen, A. *see* Fischer, V. 95705
Winzer, S.R. *see* Hom, C.L. 71868
Wipf, T.J. *see* Gupta, S. 68260
Wippermann, K. *see* Divisek, J. 60435
Wirant, J.A. *see* Dye, T.E. 60649
Wires, G. Broadband deployment: A salad bar of services for the masses 65140
Wirges, W. *see* Gerhard-Multhaupt, R. 63950
Wirner, C. *see* Hauser, M. 62293
Wirth, F.H., Sung, D. Evaluation of an elastomeric holographic index-matching medium 83354
Wirth, G.J. Obtaining data to verify transient operation of nuclear station emergency diesel generators 78293
Wirth, H. *see* Hamann, N.H. 67312
Wirth, P.E., Meier-Hellstern, K.S. Traffic models for ISDN and B-ISDN users 58220
Wirth, S. *see* Muller, K.-H. 72181
Wirthlin, M.J., Hutchings, B.L., Gilson, K.L. The Nano Processor: a low resource reconfigurable processor 70604
Wirtz, R.A., Chen, W., Colban, D. Convection in arrays of electronic packages containing longitudinal fin heat sinks 79406
Wirzbicki, M.A. *see* Lekas, J.S. 81707
Wischnewski, R. *see* Belolaptikov, I.A. 59156
Wise, F. *see* Davidson, A. 81222
Wise, F. *see* Yanovsky, V. 72777
Wise, F.H., Wise, S.R. MMDS in Hong Kong: Wharf Cable's initial cable television distribution system 97673
Wise, F.W. *see* Gitin, M.M. 51226
Wise, F.W. *see* Yanovsky, V.P. 94060
Wise, G.L. *see* Thompson, M.W. 57532
Wise, J.A. *see* Dyck, J.L. 67701
Wise, J.D., Ciscon, L.A., Graves, S. A distributed telerobotics system for Space operations 52062
Wise, J.L. *see* Duvvury, C. 93408
Wise, K.D. *see* Changhyun Kim 77072
Wise, K.D. *see* Hetke, J.F. 67422
Wise, K.D. *see* Johnson, C.L. 66575
Wise, K.D. *see* Najafi, N. 98141
Wise, K.D. *see* Wolffenbuttel, R.F. 62362
Wise, K.D. *see* Yafan Zhang 66299
Wise, K.D. *see* Yoon, E. 80087
Wise, K.D. *see* Zhang, Y. 60274
Wise, R. *see* Hwang, J.M. 71806
Wise, R.M. *see* Kuelz, K.W. 77040
Wise, S.R. *see* Wise, F.H. 97673
Wise, T. *see* Ross, M.A. 53283
Wiseman, D., Canaris, J., Whitaker, S., Venbrux, J., Cameron, K., Arave, K., Arave, L., Liu, M.N., Liu, K. Design and testing of SEU/SEL immune memory and logic circuits in a commercial CMOS process 70339
Wiseman, D. *see* LaBel, K.A. 70336
Wiseman, G.H. *see* Mikli, N. 61960
Wiseman, J. *see* Howell, D. 59444
Wiseman, J.R. Use of the TI TMS320C30 chip in the design of a programmable HDTV video decoder 75742
Wiseman, M. *see* Drury, M. 67082
Wiseman, M. *see* Schneider, W.J. 76709
Wiseman, M. *see* Susta, J. 67141
Wishart, A.W. *see* Craig, A.D. 58353
Wishart, M.T., Harley, R.G. Identification and control of induction machines using artificial neural networks 60234
Wisk, P.W., Abernathy, C.R., Pearton, S.J., Ren, F., Lothian, J.R., Katz, A., Jones, K. Growth of GaN, AlN and InN by electron cyclotron resonance-metal organic molecular beam epitaxy 48949
Wisk, P.W. *see* Abernathy, C.R. 93137
Wisk, P.W. *see* Bharatan, S. 91489
Wisk, P.W. *see* Ren, F. 71594
Wisk, P.W. *see* Ren, F. 93351
Wisk, P.W. *see* Yang, L.W. 62715
Wiskin, J.W., Johnson, S.A., Borup, D.T., Berggren, M., Eidens, R. Full inverse scattering vs. Born-like approximation for imaging in a stratified ocean 99276
Wisler, K., Doyle, J.J., Jr., Giuglianotti, M. Display readability 77163
Wisler, K. *see* Giuglianotti, M. 77162
Wismann, V. Radar signatures of mineral oil spills measured by an airborne multi-frequency radar and the ERS-1 SAR 77451
Wismann, V., Boehnke, K. Radar signatures of the ocean surface and global wind fields measured by the ERS-1 scatterometer 77454
Wismann, V., Boehnke, K., Schmullius, C. Large scale radar signatures of the land surface measured by the ERS-1 scatterometer 77640
Wismann, V., Gade, M., Alpers, W., Huhnerfuss, H. Radar signatures of mineral oil spills measured by an airborne multi-frequency multi-polarization microwave scatterometer 99301
Wismann, V., Theis, R., Alpers, W., Huhnerfuss, H. The damping of short gravity-capillary waves by experimental sea slicks measured by an airborne multi-frequency microwave scatterometer 99266
Wismann, V. *see* Huhnerfuss, H. 67845
Wismann, V. *see* Huhnerfuss, H. 99265
Wismann, V. *see* Romeiser, R. 77436
Wismann, V. *see* Schmidt, A. 99241
Wismayer, A.C. *see* Kalingamudali, S.R.D. 81821
Wisniewski, D. *see* Wojtowicz, A.J. 98625
Wisniewski, K. *see* Turska, E. 48826
Wisniewski, R., Molinar, G.F. A pressure transducer with a ceramic free-rod as the active element 66286
Wisniewski, R., Molinar, G.F. High pressure transducer with ceramic free rod as active element 87129
Wisniewski, R., Siegoczynski, R.M., Jedrzejewski, J. Phase transitions in pure castor oil at pressures below 1 GPa 66747
Wisniewski, R. *see* Bock, W.J. 87250
Wisniewski, R. *see* Molinar, G.F. 66288
Wisnivesky, D., Remy, M.A., Farias, R.H.A. Construction of an RF cavity for the LNLS synchrotron 67151
Wisnivesky, D. *see* Rodrigues, A.R.D. 66838
Wisowaty, J.J. *see* Florkey, C. 64359
Wisser, C. *see* Arlt, S. 80518
Wisskirchen, J. *see* Schwille, W.J. 76785
Wissler, J.B. *see* Kyrazis, D.T. 94839
Wissman, B.D. *see* Gidley, D.W. 81162
Wistbacka, M. *see* Sipila, K. 78841
Wistrom, J.D. *see* Blue, L.S. 89536
Wisung, P. *see* Ruebeck, F. 75043
Wiszniewski, W.R., Collins, R.E., Pailthorpe, B.A. Mechanical light modulator fabricated on a silicon chip using SIMOX technology 63480

Witczak, S.C., Gaitan, M., Suehle, J.S., Peckerar, M.C., Ma, D.I. The interaction of stoichiometry, mechanical stress, and interface trap density in LPCVD Si-rich SiN_x-Si structures 71218
Witczak, Z., Jemielniak, R., Szczepek, J. The apparatus for mechanical testing of materials under high hydrostatic pressure with the in-situ acoustic emission analyzer 87127
Withagen, C. Pollution and exhaustibility of fossil fuels 89568
Withana, V. *see* Seneviratne, A. 74866
Withanawasam, L., Hadjipanayis, G.C., Krause, R.F. Enhanced remanence in isotropic Fe-rich melt-spun Nd-Fe-B ribbons 71989
Witherell, M. *see* Antilogus, P. 59064
Witherell, M. *see* Antilogus, P. 59127
Witherow, W.K. *see* Vikram, C.S. 83384
Withers, L.P., Jr. A parallel algorithm for generalized inverses of matrices, with applications to optimum beamforming 74057
Withers, R.S., Cole, B.F., Johansson, M.E., Liang, G.-C., ZaharchuK, G. HTS receiver coils for magnetic-resonance instruments 93976
Withers, R.S. *see* Guo-chun Liang 53038
Withers, R.S. *see* Lee, L.H. 50397
Withers, R.S. *see* Liang, G.-C. 80599
Withers, R.S. *see* Liang, G.-C. 98254
Withers, R.S. *see* Zhang, D. 98287
Witherspoon, N. *see* Telfer, B.A. 74047
Witherspoon, S. *see* Simrock, S.N. 67045
Witherspoon, S.D. *see* Krafft, G.A. 76507
Withford, M.J., Brown, D.J.W., Piper, J.A. Investigation of the effects of hydrogen and deuterium on copper vapour laser performance 82918
Withford, M.J., Brown, D.J.W., Piper, J.A. Effects of H_2 buffer gas additive on repetition rate scaling of a copper vapour laser 94329
Withman, R. *see* Fister, T. 58449
Withnell, J. Supporting teleworking into the next millennium 74832
Witkover, R. *see* Smith, G.A. 98471
Witsch, W.Von *see* Von Witsch, W.
Witt, C.E., Mitchell, R.L., Mooney, G.D., Herwig, L.O., Hasti, D., Sellers, R. Progress in phases 2 and 3 of the Photovoltaic Manufacturing Technology project (PVMAT) 100725
Witt, H.de *see* de Witt, H.
Witt, R.J. *see* Shamoun, B.I. 78331
Witt, T.J. A review of realizations and comparisons of Josephson array voltage standards 86963
Witt, T.J., Reymann, D., Avrons, D. A study of the stability of some Zener-diode based voltage standards 87404
Witt, T.J. *see* Delahaye, F. 86862
Witt, T.J. *see* Reymann, D. 66639
Witt, U.de *see* de Witt, U.
Wittamore, K. *see* Pearce, P.D. 48620
Wittberg, T.N. *see* Quinlan, K.P. 55733
Wittchow, E. *see* Rukes, B. 78433
Witte, C.S., Gandhi, P.P. Performance of distributed CFAR processors in nonhomogeneous background 75538
Witte, G., Moller, K. Novel approach to numerical equivalence investigations on synthetic circuits for circuit-breaker testing 54122
Witte, H. *see* Panckow, A.N. 98734
Witte, J.F., DeCesaro, F.P., Mendis, S.R. Damaging long-term overvoltages on industrial capacitor banks due to transformer energization inrush currents 67994
Witte, J.F., DeCesaro, F.P., Mendis, S.R. Damaging long-term overvoltages on industrial capacitor banks due to transformer energization inrush currents 77883
Witte, J.F. *see* Andrews, D. 54270
Witte, L.C. *see* Struble, C.L. 69573
Witte, R. Turbine condensers 68447
Wittekamp, J.W. *see* de Maagt, P.J.I. 64224
Wittekoek, S. *see* Luehrmann, P. 71490
Witteman, W.J. *see* Botman, J.I.M. 50884
Witteman, W.J. *see* Heeman-Ilieva, M.B. 82942
Witteman, W.J. *see* Lankhorst, F.T.J.L. 56607
Witteman, W.J. *see* Udalov, Yu.B. 82943
Witteman, W.J. *see* Ustinovskii, N.N. 81131
Wittemann, R.W. Battery recycling and the law 68960
Witten, A. *see* Molyneux, J.E. 67753
Witten, A.J., Molyneux, J.E., Nyquist, J.E. Ground penetrating radar tomography: algorithms and case studies 77298
Witten, I.H., Bell, T.C., Emberson, H., Inglis, S., Moffat, A. Textual image compression: two-stage lossy/lossless encoding of textual images 64877
Witten, I.H., Bell, T.C., Moffat, A., Nevill-Manning, C.G., Smith, T.C., Thimbleby, H. Semantic and generative models for lossy text compression 51643
Witten, I.H. *see* Inglis, S. 57886
Witten, I.H. *see* Moffat, A. 95162
Witten, I.H. *see* Nevill-Manning, C.G. 57626
Wittenauer, J.P. *see* Zakis, E. 89070
Wittenberg, G. Take one atom [nanotechnology] 60951
Wittenberg, R. *see* Ottensmeyer, J. 52098
Wittenbreder, E.H. A simple clamped ZVS PWM converter 60341
Wittenburg, K. Preservation of beam loss induced quenches, beam lifetime and beam loss measurements with the HERAp beam-loss-monitor system 59038
Witter, D.E., Beratan, H.R., Kulwicki, B.M., Amin, A. Pyroelectric materials for uncooled IR detectors 97988
Witteveen, F.J.F.M. *see* van Slooten, J. 54394
Wittevrongel, S., Bruneel, H. Performance assessment of statistical multiplexers with heterogeneous leaky-bucket controlled sources 85240
Wittevrongel, S.S.M., Bruneel, H.L. A heuristic analytic technique to calculate the cell loss ratio in a leaky bucket with bursty input traffic 57945
Wittig, H. *see* Katker, S. 58079
Wittig, J.E. *see* Ning Qiu 82253
Wittig, K. *see* Borik, S. 63918
Wittig, K. *see* Giesen, A. 56668
Wittig, O. *see* Schluns, K. 84885
Wittig, S. Gas turbines for power plant technology: new development trends 78448
Witting, C.-H. *see* Porzel, R. 58624
Wittke, P.H. *see* Smith, W.S. 51302
Wittke, P.H. *see* Willink, T.J. 85217
Wittler, M. Ignitions caused by partial discharges 53991
Wittler, M. Mobile installation for broadband partial discharge measurements on high voltage cables 59942
Wittman, H., Henftling, M. Efficient path identification for delay testing — time and space optimization 49329
Wittmann, A. *see* Tawfik, M.S. 80493
Wittmann, F. *see* Gossner, H. 62593
Wittmann, H.C. *see* Henftling, M. 91993
Wittmann, R., Schardein, W., Hosticka, B., Schanz, M., Vahrmann, R., Kern, S. Application-independent hierarchical synthesis methodology for analogue circuits 91747
Wittmer, M., Freeouf, J.L. Schottky barriers and the reactivity of the interface 49811
Wittstruck, R. *see* Flemish, J.R. 71078
Wittwer, C., Riehemann, W., Heye, W. Dynamic losses in nanocrystalline finemet for various annealing temperatures 63149
Wittwer, V. *see* Scheydecker, A. 90386
Witulski, A.F. Modeling and design of transformers and coupled inductors 55449
Witulski, A.F. *see* Glaser, J.S. 55125
Witulski, A.F. *see* Goldman, M. 55140
Witulski, A.F. *see* Hsiu, L. 100213
Witulski, A.F. *see* Smith, D. 91906
Witzke, E.L., Pierson, L.G. Key management for large scale end-to-end encryption 95171
Witzschel, T. *see* Wettstein, K. 58314
Wixom, M.R. NCMS solvent substitution and material compatibility databases 79239
Wixom, M.R. The NCMS Green Design Advisor, a CAE tool for environmentally conscious design 79362
Wixson, L. Viewpoint selection for visual search 84689
Wixson, L.E., Ballard, D.H. Using intermediate objects to improve the efficiency of visual search 57694
Wlaschitz, G. *see* Kropatsch, W.G. 85161
Wlazlo, W. *see* Wojcik, M. 67287
Wlochal, M. *see* Bock, R. 59147
Wlodarczyk, J. *see* Ward, K.D. 92899
Wlodarczyk, M.T. *see* Gang He 52913
Wlodarczyk, M.T. *see* He, G. 66394
Wlodarczyk, M.T. *see* He, G. 76022
Wlodarczyk, M.T. *see* He, G. 76023
Wlodarczyk, R.T., Gang He A fiber-optic combustion pressure sensor system for automotive engine control 98077
Wlodarski, W. *see* Hong-Tao Sun 66249
Wlodarski, W.B. *see* Banda, P.A. 66524
Wlodarski, W.B. *see* Kondoh, J. 98126
Wlodek, R. *see* Florkowska, B. 89308
Wo, D., Forward, K. Compiling to the gate level for a reconfigurable co-processor 70606
Wober, J. *see* Gibbons, G. 68457
Wobke, H. *see* Jarmuzek, M. 60381
Woch, T.J. *see* Argade, P.V. 70586
Wodarczyk, P.J. *see* Dolny, G.M. 61560
Wodek, G.M. *see* Jerome, R.C. 93585
Wodley-Smith, R. Transformer protection, control and alarms 78689
Wodzinski, J. *see* Mosinski, F. 61970
Wodzinski, J. *see* Mosinski, F. 82167
Wodzinski, J. *see* Mosinski, F. 98244
Woeginger, G.J. *see* Deineko, V. 69845
Woei-Yun Ho *see* Chunchi Ma 62339
Woenckhaus, J., Becker, J.A. A fast pressure monitor for pulsed laser vaporization cluster sources 67283
Woerd, A.C.van der *see* van der Woerd, A.C.
Woerden, J.A.Van *see* Van Woerden, J.A.
Woerdman, J.P. *see* Kuppens, S.J.M. 63671
Woerdman, J.P. *see* van Exter, M.P. 72991
Woerlee, P. *see* Woltjer, R. 93389
Woerlee, P.H., Juffermans, C.A.H., Lifka, H., Manders, W., Pomp, H., Paulzen, G., Walker, A.J., Woltjer, R. A low power 0.25 μm CMOS technology 62997
Woerlee, P.H. *see* Pomp, H.G. 93171
Woerlee, P.H. *see* van Dort, M.J. 49850
Woerlee, P.H. *see* van Dort, M.J. 93121
Woerlee, P.H. *see* Woltjer, R. 71672
Woerner, B.D., Reed, J.H., Rappaport, T.S. Simulation issues for future wireless modems 75271
Woerner, B.D. *see* Buehrer, R.M. 65580
Woest, P.J. *see* Aboulenein, N.M. 58109
Woger, W. *see* Weise, K. 75810
Wohl, G. *see* von Munch, W. 58793
Wohlert, R. *see* Teeter, D. 80823
Wohlert, R. *see* Teeter, D. 92609
Wohlert, R.M., Jackson, G., Adlerstein, M.G. 35 GHz pulsed HBT MMIC amplifiers 80824
Wohlert, R.M., Jackson, G., Adlerstein, M.G. 35 GHz pulsed HBT MMIC amplifiers 92610
Wohlfahrt, H. *see* Heyn, H. 94575
Wohlfarth, A. *see* Schaal, M. 89650
Wohlfarth, R. *see* Howell, J. 51868
Wohlgemuth, J.H., Narayanan, S., Tomlinson, T. Improved material quality via impurity and defect analysis for enhanced device performance: collaborative work between Solarex and NREL 90403
Wohlgemuth, J.H., Petersen, R.C. Reliability of EVA modules 100709
Wohlgemuth, J.H. *see* Hwang, I.G. 100633
Wohlgemuth, J.H. *see* Narayanan, S. 100471
Wohlleben, D. *see* Drzazga, Z. 72208
Wohlleben, R. *see* Eilhardt, K. 57246
Wohlleben, R. *see* Eilhardt, K. 94985
Wohlmuth, W. *see* Adesida, I. 58796
Wohlmuth, W. *see* Reuter, E.E. 82812
Wohrle, D., Tennigkeit, B., Elbe, J., Kreienhoop, L., Schnurpfeil, G. Various porphyrins and aromatic tetracarboxylic acid diimides in thin film p/n-solar cells 60472
Woias, P. *see* Aberl, F. 59251
Woicik, J.C. *see* Karlin, B.A. 88296
Woirgard, E., Zardini, Ch., Aucouturier, J.L. Study of the thermomechanical problems in hybrid assemblies satisfying the automotive electronics conditions 81104
Woisetschlager, J., Sheffer, D.B., Loughry, C.W., Somasundaram, K., Chawla, S.K., Wesolowski, P.J. Phase-shifting holographic interferometry for breast cancer detection 88378
Woitok, J. *see* Kohl, A. 54921
Woitok, J. *see* Opitz, B. 56556
Woitok, J. *see* Sollner, J. 61286
Wojak, G.J. *see* Liu, J. 62051
Wojas, J. Theoretical thermodynamic considerations concerning Fermi energy 49950
Wojciechowski, E. *see* Wang, P. 84559
Wojciechowski, S. *see* Jezierska, E. 72180
Wojcik, A. *see* Holt, D.B. 81965
Wojcik, G., Mould, J., Jr., Ferguson, R., Martino, R., Low, K.K. Some image modeling issues for i-line, 5X phase shifting masks 71494
Wojcik, G.L., Vaughan, D.K., Abboud, N., Mould, J., Jr. Electromechanical modeling using explicit time-domain finite elements 93765
Wojcik, J. *see* Bock, W.J. 98036
Wojcik, J. *see* Olszewski, J. 50239
Wojcik, M., Wlazlo, W. A high-sensitivity scintillation chamber for radon in gas 67287
Wojcik, M.J. *see* Novotny, R.A. 96944
Wojcik, M.J. *see* Sasian, J.M. 94056
Wojcik, R., Kross, B., Majewski, S., Seaford, B., Weisenberger, A.G., Zorn, C. Embedded waveshifting fiber readout of long scintillators 59086
Wojcik, R. *see* Pourang, R. 55527
Wojcik, R. *see* Weisenberger, A.G. 59136
Wojcik, R. *see* Weisenberger, A.G. 81158
Wojcik, R. *see* Weisenberger, A.G. 98631
Wojcik, R. *see* Zorn, C. 88099
Wojdowski, P.S. *see* Westphal, A.J. 53338
Wojnarwoski, R.J. *see* Forman, G.A. 90999
Wojtasiewicz, A. *see* Beraud, R. 67398
Wojtaszek, J.H. *see* Desourdis, R.I., Jr. 75384
Wojtczuk, S.J., Vernon, S.M., Sanfacon, M.M. Comparison of windows for P-on-N InGaP solar cells 100672
Wojtowicz, A.J., Balcerzyk, M., Wisniewski, D., Lempicki, A. CeF_3 scintillator: the state of the art 98625
Wojtowycz, M.M. *see* Swan, J.S. 53385
Wol-Yon Hwang, Jang-Joo Kim, Sang-Don Jung, Taehyung Zyung A 1×N thermo-optic space switch in a polymeric planar waveguide 65542
Wolak, E. *see* Carnahan, R.E. 62263
Wolanski, Z. *see* Ooi, B.T. 90112
Wolber, R., Glaser, U., Vierhaus, H.T. Testability analysis for test generation in synchronous sequential circuits 92039
Wold, K. *see* Covell, S. 52015
Woldar, A.J. *see* Lazebnik, F. 48778
Wolf, A. Power measurements in ATM networks 74814
Wolf, A. Choice of optimal coding for test cells in ATM networks 85233
Wolf, A. *see* Hochadel, B. 53103
Wolf, A. *see* Schwille, W.J. 76785
Wolf, B., Fabricius, N. Integrated optical 2×N splitters 82701
Wolf, B. *see* Schulte, H. 53157
Wolf, B.H. High current metal ion production 53211
Wolf, B.H., Emig, H., Ruck, D., Spadtke, P. Investigation of MEVVA ion source for metal ion injection into accelerators at GSI 98493
Wolf, B.H. *see* Muhle, C. 53156

Wolf, B.H. *see* Oks, E. 53214
Wolf, B.H. *see* Oks, E. 98497
Wolf, B.H. *see* Spadtke, P. 53215
Wolf, B.H. *see* Spadtke, P. 98498
Wolf, D. *see* Banerjee, A. 100523
Wolf, E., Geissler, U., Klinger, D., Voigt, A. A contribution to the characterization of multicrystalline solar silicon 81185
Wolf, H., Hombach, V., Hunscher, C. A double reflector antenna with shaped surfaces for production of a pivotable elliptical radiation lobe in the Ku band 57243
Wolf, H. *see* Aberl, F. 59251
Wolf, H. *see* Dudok, E. 57240
Wolf, H. *see* Scheler, J. 60566
Wolf, I.De *see* De Wolf, I.
Wolf, J. Low-background far-infrared detectors and arrays 58766
Wolf, J. The arc: the ideal circuit component in protective switching technology 99769
Wolf, J. *see* Habiger, E. 83706
Wolf, J. *see* Herbst, T.M. 66429
Wolf, J. *see* Lemke, D. 66417
Wolf, J. *see* Sun, Y. 81577
Wolf, J.A., Krebs, J.J., Prinz, G.A. Growth and magnetic characterization of face centered cubic Co on (001) diamond 70046
Wolf, J.K., Chun, D. The single burst error detection performance of binary cyclic codes 51323
Wolf, J.K. *see* Barbosa, L.C. 50355
Wolf, J.K. *see* Chun, D. 95212
Wolf, J.K. *see* Fitzpatrick, J. 84549
Wolf, J.K. *see* Knudson, K.J. 84007
Wolf, K., Stanzl, H., Naumov, A., Wagner, H.P., Kuhn, W., Hahn, B., Gebhardt, W. Growth and doping of ZnTe and ZnSe epilayers with metalorganic vapour phase epitaxy 69999
Wolf, K. *see* Fields, D.E. 98522
Wolf, K. *see* Kuhn, W.S. 69942
Wolf, K. *see* Stanzl, H. 91517
Wolf, M., Wolfe, A., Chinatti, S., Koshy, R., Slater, G., Sun, S. TigerSwitch: a case study in embedded computing system design 85999
Wolf, M. *see* Brinkley, A. 79364
Wolf, M. *see* Gehring, H. 85317
Wolf, M. *see* Muller, K.-H. 72181
Wolf, P. *see* Petit, G. 65775
Wolf, P.van der *see* van der Wolf, P.
Wolf, R. Optimum copper to superconductor ratio in cables for superconducting magnets at 1.9 K 76565
Wolf, R. *see* Verweij, A.P. 82427
Wolf, R.M. *see* Blom, P.W.M. 93774
Wolf, S.N., Cooper, D.K., Orchard, B.J. Environmentally adaptive signal processing in shallow water 77546
Wolf, T., Zinke, T., Krost, A., Scheffler, H., Ullrich, H., Bimberg, D., Harde, P. Fe and Ti doping of InP grown by metalorganic chemical-vapor deposition for the fabrication of thermally stable high-resistivity layers 48943
Wolf, T. *see* Illek, S. 94525
Wolf, T. *see* Macii, E. 91978
Wolf, T. *see* Macii, E. 91979
Wolf, Th. *see* Polak, M. 82320
Wolf, W. *see* Dutta, S. 95707
Wolf, W. *see* Tavrin, Y. 56250
Wolfbeis, O.S. *see* Del Bianco, A. 58899
Wolfe, A. *see* Tiwari, V. 92301
Wolfe, A. *see* Wolf, M. 85999
Wolfe, D.E., Coleman, J.D. Cost considerations for cable TV splicing 86762
Wolfe, J.C. *see* Hans, L. 81722
Wolfe, J.C. *see* Loschner, H. 62601
Wolfe, J.C. *see* Miller, J.H., Jr. 72225
Wolfe, J.C. *see* Miller, J.H., Jr. 93939
Wolfe, J.C. *see* Pendharkar, S.V. 62415
Wolfe, M.A. An interval algorithm for constrained global optimization 69775
Wolfe, R. *see* Deeter, M.N. 52814
Wolfe, R. *see* Levy, M. 72495
Wolfe, S. Top-down FPGA design—from synthesis to silicon 92082
Wolfel, G. Contracting: opportunities and risks from the point of view of the electricity supply undertaking 89081
Wolff, A. *see* Jagdhold, U. 81651
Wolff, A. *see* Lubitz, K. 67928
Wolff, A. *see* Lubitz, K. 99341
Wolff, A. *see* Richter, H.H. 93187
Wolff, G.B., Haubrich, H.-J., Seitz, T. Evaluation of nonsteady loading limits for network components using artificial neural networks 59947
Wolff, G.B., Haubrich, H.-J., Seitz, Th. Evaluation of nonsteady loading limits for network components using artificial neural networks 59939
Wolff, H. *see* Jusko, O. 87541
Wolff, I. *see* Becks, T. 57306
Wolff, I. *see* Heberling, D. 58317
Wolff, I. *see* Hofschen, S. 80763
Wolff, I. *see* Hopf, B. 80829
Wolff, I. *see* Hopf, B. 92590
Wolff, I. *see* Hui, W.K. 49671
Wolff, I. *see* Jian-Guo Ma 94924
Wolff, I. *see* Kumpel, W. 57162
Wolff, I. *see* Mertin, W. 80804
Wolff, I. *see* Pogatzki, P. 92596
Wolff, I. *see* Rittweger, M. 79437
Wolff, I. *see* Rittweger, M. 92598
Wolff, I. *see* Schroeder, W. 57042
Wolff, I. *see* Schroeder, W. 80843
Wolff, K. Bridge between electricity supply and local history 79509
Wolff, L. *see* Abdo-Tuko, M. 70931
Wolff, L.B. Scene understanding from propagation and consistency of polarization-based constraints 84716
Wolff, L.B., Fan, J. Segmentation of surface curvature using a photometric invariant 84789
Wolff, L.W., Costianes, P. Polarization vision for object detection 58836
Wolff, R.W. *see* Yamazaki, G. 96621
Wolff, S. *see* Llerena, P. 96297
Wolff, U. *see* Achatz, V. 94315
Wolffenbuttel, I.F. *see* Aratani, K. 63531
Wolffenbuttel, M.R., Regtien, P.P.L. The accurate measurement of a micromechanical force using force-sensitive capacitances 87119
Wolffenbuttel, M.R. *see* Li, Y.X. 55782
Wolffenbuttel, R.F. Fabrication compatibility of integrated silicon smart physical sensors 58684
Wolffenbuttel, R.F., de Graaf, G. Noise performance and chopper frequency in integrated micromachined chopper-detectors in silicon 87121
Wolffenbuttel, R.F., Wise, K.D. Low-temperature silicon wafer-to-wafer bonding using gold at eutectic temperature 62362
Wolffenbuttel, R.F. *see* Aratani, K. 56413
Wolffenbuttel, R.F. *see* Bartek, M. 58792
Wolffenbuttel, R.F. *see* French, P.J. 87082
Wolffenbuttel, R.F. *see* Li, Y.X. 55782
Wolffenbuttel, R.F. *see* Poenar, D. 54972
Wolffenbuttel, R.F. *see* van Drieenhuizen, B.P. 87105
Wolffenbuttel, R.F. *see* van Kampen, R.P. 66240
Wolfgang, E. *see* Gornik, E. 82349
Wolfgang, G. State school in a houseboat on the Danube in Vienna—heating and air conditioning 90668
Wolfgang, H. Fibre to the desk: a novel approach to business communication with voice and high speed packet data 52481
Wolfmeyer, P.A. *see* Burns, H.S. 74858
Wolfmeyer, P.A. *see* Chin-Wang Chao 51993
Wolfrum, K. *see* Laenen, R. 94635
Wolfskill, J. Reduced algebraic numbers in the complex plane 79576
Wolfson, M.M., Delanoy, R.L., Pawlak, M.L., Forman, B.E., Hallowell, R.G., Smith, P.D. A microburst prediction algorithm for the FAA integrated terminal weather system 77202
Wolfson, O. *see* Huang, Y. 65343
Wolfson, S.K., Jr. *see* Weijian Xu 66517
Wolidski, W. *see* Mossakowska, A. 63766
Wolin, E. *see* Fenker, H. 67313
Wolinski, T.R. Stress effects in twisted highly birefringent fibers 87214
Wolinski, T.R., Bock, W.J., Bogumil, A., Domanski, A.W. Fiber-optic hydrostatic pressure measurement employing deformation effects in a liquid crystalline cell 98037
Wolinski, T.R., Bock, W.J., Dabrowski, R. Fiber optic pressure measurement with cholesteric liquid crystals 87596
Wolinski, T.R., Dabrowski, R., Bock, W.J., Bogumil, A., Klosowicz, S. Liquid crystalline films for fiber optic sensing of high hydrostatic pressure 76255
Wolinski, W. *see* Tyszka-Zawadzka, A. 82888
Wolisz, A. *see* Lewoc, J.B. 65057
Wolisz, A. *see* Tschammer, V. 85640
Wolk, S.I. *see* Baras, J.S. 58475
Wolke, M. *see* Dahmen, M. 87984
Wolkenhauer, J. Customised broadband telecommunications integrated circuits for ATM and SDH systems 52200
Wolkowicz, M. *see* Bousquet, A. 48627
Wollborn, M. Prototype prediction for colour update in object-based analysis-synthesis coding 74489
Wollenberg, B.F. *see* Schulz, N.N. 89072
Wollersheim, O., Zumaque, H., Hormes, J., Langen, J., Hoessel, P., Haussling, L., Hoffmann, G. Radiation chemistry of poly(lactides) as new polymer resists for the LIGA process 81685
Wollherr, H. Acoustical environment OB vans 97577
Wollman, D.A., Van Harlingen, D.J., Lee, W.C., Ginsberg, D.M., Leggett, A.J. Phase coherence in YBCO-Pb SQUIDs: direct experimental determination of the symmetry of the pairing state in high temperature superconductors 63299
Wollman, D.A. *see* Klemm, R.A. 82394
Wollnik, H. *see* Hartmann, B. 53133
Wollnik, H. *see* Winkler, M. 76564
Wolny, A., Stokes, A.D. Electrical arc ignition in narrow slots: high-voltage generation 78737
Wolny, A., Stokes, A.D. Varistor assisted fuse current breaking 90267
Wolny, A., Stokes, A.D. Ignition of an electrical arc in a capillary: arc parameters in the initial period 100387
Wolny, M., Duluc, T., Linne, C. Nondestructive characterization of II-VI materials for infrared detection by scanned photoluminescence 92963
Wolny, W.W. *see* Millar, C.E. 50134
Wolny, W.W. *see* Millar, C.E. 61417
Wolowski, J. *see* Mroz, W. 53219
Wolpaw, J.R., McFarland, D.J. Multichannel EEG-based brain-computer communication 88562
Wolpert, S. Recreating neural oscillators in VLSI 61842
Wolsey, L.A. *see* Aghezzaf, E.H. 54710
Wolske, J. *see* Hansen, R.W.C. 88285
Wolske, J. *see* Hansen, R.W.C. 88286
Wolski, D. *see* Moszynki, M. 67304
Wolski, M., Allebach, J., Bouman, C., Walowit, E. Optimization of sensor response functions for colorimetry of reflective and emissive objects 87569
Wolsky, J. *see* Meuser, T. 96243
Wolstenholme, G. *see* Bergemont, A. 92185
Wolstenholme, G. *see* Shacham, E. 61684
Wolt, B. *see* Brown, A. 65950
Wolter, H., Dohlus, M., Weiland, T. Broadband calculation of scattering parameters in the time domain 83758
Wolter, J. *see* Haojin Wang 77576
Wolter, J.H. *see* Christianen, P.C.M. 62313
Wolter, J.H. *see* Silov, A.Yu. 81290
Wolter, J.H. *see* Yoffe, G.W. 56779
Wolter, T.-M. *see* Juergensohn, T. 98748
Woltjer, R., Paulzen, G. Universal description of hot-carrier-induced interface states in NMOSFETs 62819
Woltjer, R., Paulzen, G.M. Modeling of oxide-charge generation during hot-carrier degradation of PMOSFET's 81888
Woltjer, R., Paulzen, G.M. Oxide-charge generation during hot-carrier degradation of PMOSTs 93441
Woltjer, R., Paulzen, G.M., Lifka, H., Woerlee, P. Positive oxide-charge generation during 0.25 μm PMOSFET hot-carrier degradation 93389
Woltjer, R., Paulzen, G.M., Pomp, H.G., Lifka, H., Woerlee, P.H. New hot-carrier degradation mechanisms in 0.25 μm PMOSFETs 71672
Woltjer, R. *see* Pomp, H.G. 93171
Woltjer, R. *see* Woerlee, P.H. 62997
Wolverton, J. *see* Masarweh, S.K. 80740
Womac, D.J., Incropera, F.P., Ramadhyani, S. Correlating equations for impingement cooling of small heat sources with multiple circular liquid jets 69572
Womack, J.E., Cruz, J.R. Seismic data filtering using a Gabor representation 77317
Womble, D.E. *see* Hendrickson, B.A. 79696
Won, C.Chung *see* Chung Won, C.
Won, C.Y., Kim, D.H., Kim, S.C., Yood, D.W. New fuzzy-sliding mode controller for position control for induction motor 54018
Won, J. *see* Hong, S. 82252
Won, J.S., Moon, W.M., Yoo, H.R. Multiple SAR data integration using wavelet transform 77258
Won, S.C., Kwon, S. Gateway for inter-network connection in the Pohang Light Source control system 75010
Won, Y. *see* Gader, P.D. 85113
Won, Y.-H. *see* Shin, S. 86375
Won, Y.K., Park, R.-H., Park, J.H., Lee, B.-U. Variable LMS algorithms using the time constant concept 84492
Won Chan Kim *see* Joong Sik Kih 92435
Won Chee Sun *see* Chee Sun Won
Won Chel Choi *see* Suk-Ki Min 100669
Won Cho Tae *see* Tae Won Cho
Won Chung-Yuen *see* Chung-Yuen Won
Won Dong Ho *see* Dong Ho Won
Won Dongyeon *see* Dongyeon Won
Won Hyo Yoon, Soon Heung Chang Systematic Bayes prior-assignment by coupling the minimax entropy and moment-matching methods 78343
Won Ick Jang *see* Doh Hoon Kim 71536
Won Jae Hee *see* Jae Hee Won
Won Jong Yoo *see* Steinbruchel, C. 71393
Won Kang Sang *see* Sang Won Kang
Won Kang Su *see* Su Won Kang
Won Kim Choong *see* Choong Won Kim
Won Kim Jong *see* Jong Won Kim
Won Kim Sok *see* Sok Won Kim
Won Kyung Cho *see* Hyun Shik Yoon 70802
Won Lee Bang *see* Bang Won Lee
Won Lee Ki *see* Ki Won Lee
Won Lee Seung *see* Seung Won Lee
Won Lee Soo *see* Soo Won Lee
Won Namkung *see* Seung Yu Rah 88274
Won Park Jin *see* Jin Won Park
Won Seok Oh, Yoon Jong Lee A study on the self tuning control system for servo motor drives 78867
Won Shin Dong *see* Dong Won Shin
Won Sik Youn, Chong Kwan Un Robust adaptive beamforming based on the eigenstructure method 64503
Won Tae Young *see* Tae Young Won
Won Tai-Kyung *see* Tai-Kyung Won
Won Yih Lin *see* Wen Ching Wu 49338
Won Yoo Hyung *see* Hyung Won Yoo
Won Yun Sang *see* Sang Won Yun
Won-Gi Jung *see* Jung Yon 71925
Won-Gu Kang, Sung-Won Kang, Jong-Son Lyu, Sang-Won Kang, Jin-Hyo Lee SOI MOSFET

with grounded body potential by using the silicon direct bonding (SDB) technology 93465
Won-Ho Kim *see* Geun-Hie Rim 100843
Won-Hyuk Lee *see* Kasuga, T. 61422
Won-Ju Cho, Takeuchi, Y., Kuwano, H. Energy distribution of grain boundary traps in semi-insulating polycrystalline silicon films doped with oxygen 62142
Won-Sam Kim *see* Chung-Yuen Won 100756
Wonchan Kim, Joongsik Kih, Gyudong Kim, Sanghun Jung, Gijung Ahn An experimental high-density DRAM cell with a built-in gain stage 80317
Wonchan Kim *see* Dae jeong Kim 70698
Wonchan Kim *see* Inyeol Lee 91899
Wonchan Kim *see* Ook Kim 70700
Wonchan Kim *see* Seong-Ik Jang 66063
Wonchan Kim *see* Yongman Lee 66062
Wonchul Do, Kyunrak Chong Solving module orientation problem using Hopfield network 55082
Wong, A. *see* Lin, K.H. 83673
Wong, A. *see* Ma, Q.Y. 72203
Wong, A. *see* Pierrat, C. 62616
Wong, A.C.B., Ho, H.K., Teo, C.Y. Use of an expert system shell to develop a power plant simulator for monitoring and fault diagnosis 53940
Wong, A.C.B., Teo, C.Y., Ho, H.K. Development of a knowledge-based system to improve power plant thermal efficiency 60092
Wong, A.K., Ferguson, R.A., Neureuther, A.R. Phase-shifter edge effects on attenuated phase-shifting mask image quality 71465
Wong, A.K., Neureuther, A.R. Mask topography effects in projection printing of phase-shifting masks 62613
Wong, A.K., Neureuther, A.R. Examination of polarization and edge effects in photolithographic masks using three-dimensional rigorous simulation 71500
Wong, A.K. *see* Ferguson, R.A. 71466
Wong, A.K.C. *see* Kamel, M.S. 84829
Wong, A.S. *see* Keen, T.G. 89614
Wong, A.T. Framing our common future: Strategies for promoting cooperation among stakeholders 97611
Wong, B.C.Y., Blake, I.F. Detection in multivariate non-Gaussian noise 57533
Wong, B.Y., Sui, X., Laughlin, D.E., Kryder, M.H. Microstructural investigations of barium ferrite longitudinal thin-film media 63199
Wong, B.Y. *see* Sui, X. 50250
Wong, B.Y. *see* Suwabe, S. 50235
Wong, C. *see* Leung, K. 75694
Wong, C. *see* Shahidi, G.G. 71790
Wong, C.C. "SPICE" as a Maxwell's equations solver 51007
Wong, C.C. Substation power-transformer-loading analysis and computer simulations of loadability under realistic operating conditions 100407
Wong, C.K. *see* Jin-Fuw Lee 92173
Wong, C.K. *see* Lee, D.T. 61450
Wong, C.K. *see* Shen Lin 91826
Wong, C.K. *see* Wei-Liang Lin 91699
Wong, C.P., McBride, R. Robust titanate-modified encapsulants for high voltage potting application of multi-chip module 91047
Wong, C.P. *see* Chang, D.D. 92793
Wong, C.Y. *see* Jenkins, K.A. 93623
Wong, D.-P. *see* Dumin, D.J. 55670
Wong, D.-P. *see* Dumin, D.J. 71262
Wong, D.F. *see* Chen, Y.P. 92046
Wong, D.F. *see* Honghua Yang 91808
Wong, D.F. *see* Honghua Yang 91815
Wong, D.F. *see* Kai-Yuan Chao 91849
Wong, D.F. *see* Thakur, S. 92005
Wong, D.F. *see* Yao-Wen Chang 92159
Wong, D.F. *see* Yung-Ming Fang 91827
Wong, D.F. *see* Zhu, K. 92102
Wong, D.F. *see* Zhu, K. 92106
Wong, E.M.C., Ho, T.F. A microcomputer-based infant pulmonary function system for determination of forced and passive expiratory flow-volume curves: technical aspects 98760
Wong, E.M.C. *see* Zhang, W. 69606
Wong, E.W.M., Yum, T.-S.P. The optimal multicopy Aloha 65059
Wong, F., Cumming, I., Raney, R.K. Processing simulated RADARSAT SAR data with squint by a high precision algorithm 77621
Wong, F.H. *see* Raney, R.K. 77323
Wong, F.S.L. *see* Elliott, J.C. 67483
Wong, G.G. *see* Tian Wenshun 85470
Wong, G.K. *see* Dhinojwala, A. 83296
Wong, G.K. *see* DiVenere, A. 54853
Wong, G.K. *see* Fulin Xiong 94638
Wong, G.K. *see* Lundquist, P.M. 50928
Wong, G.K. *see* Lundquist, P.M. 73102
Wong, G.K. *see* Zhang, T.G. 94659
Wong, H., Antoniou, A. One-dimensional signal processing techniques for airborne laser bathymetry 59584
Wong, H., Antoniou, A. Reconstruction and enhancement of sea-bed topography by using 2-D signal processing 99140
Wong, H. *see* Jorgens, V. 59161
Wong, H. *see* Nesbit, L. 92191
Wong, H.K., Lee, C.K. Application of energy audit in buildings and a case study 60490
Wong, H.T. *see* Aoki, S. 53304
Wong, J. *see* Jung, W. 91898
Wong, J. *see* Scanlan, R.M. 82411
Wong, J.S.K., Elumalai, V. Multimedia information-delivery systems 85728
Wong, J.S.L. *see* Jelenkovic, E.V. 81382
Wong, J.W. *see* Hassanein, H.S. 65330
Wong, J.W. *see* Hassanein, H.S. 65405
Wong, J.W. *see* Hassanein, H.S. 96652
Wong, J.W. *see* Kamal, A.E. 51846
Wong, K., Grewal, R.S. Microwave electronic calibration: transferring standards lab accuracy to the production floor 97751
Wong, K. *see* Levenson, S. 86174
Wong, K. *see* Norton, P.W. 91524
Wong, K.C., Kittler, J. Recognising polyhedral objects from a single perspective view 84677
Wong, K.F., Leung, S.H., Ng, H.C. An eigendecomposition based two sided linear prediction model for robust speech recognition 95304
Wong, K.F. *see* Leung, S.H. 95339
Wong, K.H. *see* Canter, K.F. 81161
Wong, K.M. *see* Jin, Q. 74167
Wong, K.M. *see* Jin, Q. 75594
Wong, K.P., David, A.K. Competitive electricity: incentive contracts and bid parameters 77902
Wong, K.P., Fung, C.C. Minimum emission dispatch: a simulated annealing based approach 78391
Wong, K.P., Wong, Y.W. Short-term hydrothermal scheduling part. I. Simulated annealing approach 99416
Wong, K.P., Wong, Y.W. Short-term hydrothermal scheduling. II. Parallel simulated annealing approach 99417
Wong, K.P., Wong, Y.W. Genetic and genetic/simulated-annealing approaches to economic dispatch 99477
Wong, K.P. *see* De Azevedo, H.R. 54002
Wong, K.W., Cheng, L.M. Space-variant optical logic operations based on operation-dependent encoding method 50619
Wong, K.W., Cheng, L.M. Optical modified signed-digit addition based on binary logical operations 72523
Wong, K.W., Lai, A.K.Y. Phase tuning beyond 180 degrees by injection-locked oscillators 91937
Wong, K.W., Lai, A.K.Y. Frequency synthesis using non-integral subharmonic injection locking 97096
Wong, K.W. *see* Alzayed, N.S. 75906
Wong, K.W. *see* Fan, C.-X. 70196
Wong, K.Y., Wesley, R., Lowenthal, A. Modelling of coal handling operations in a thermal power station 89569
Wong, L. *see* Abbott, M. 70473
Wong, L.Y.L. A practical object oriented programming approach for implementing real-time speech compression algorithm 95345
Wong, M. *see* Amidei, D. 98639
Wong, M.K. *see* Harman, D.D. 86758
Wong, M.K.W. Experiments and analysis of lateral piezoresistance gauges 87110
Wong, P.-C., Chan, H.-H. Multi-fiber linear lightwave networks; Design and implementation issues 96941
Wong, P.C., Chan, K.H. Multi-fiber linear lightwave networks 75481
Wong, P.C., Tak-Shing Peter Yum Design and analysis of a pipeline ring protocol 51843
Wong, P.J.Y., Agarwal, R.P. Explicit error estimates for quintic and biquintic spline interpolation. II 79650
Wong, P.J.Y., Agarwal, R.P. Sharp error bounds for the derivatives of Lidstone-spline interpolation 91341
Wong, P.K. *see* Kuhr, R.W. 78003
Wong, P.S., Rind, T.M., Harvey, S.M., Scheer, R.R. Power frequency electric and magnetic fields from a 230 kV gas-insulated substation 78759
Wong, P.T. *see* Berg, S.K. 92368
Wong, P.W. *see* Vander Kam, R.A. 57890
Wong, P.Y., Miaoulis, I.N. Real-time image analysis and control of the solid/liquid interface during zone-melting recrystallization of thin films 62347
Wong, P.Y. *see* Lone, M.A. 98531
Wong, R. *see* Hall, J. 83189
Wong, R.J., Gordon, K.E. Reliability mechanism of the unprogrammed amorphous silicon antifuse 61641
Wong, R.J. *see* Gordon, K.E. 92188
Wong, R.K., Colson, W.B. Transverse mode effects in free electron laser oscillations 83188
Wong, R.K. *see* Quick, D.D. 83190
Wong, R.L. *see* Hassenzahl, W.V. 82468
Wong, R.S.K. *see* Yung, E.K.N. 57254
Wong, S.H., Chan, K.L., Fung, P.W. Automatic segmentation of ultrasonic image 76892
Wong, S.K., Oliver, R., Schepler, K.L., Fenimore, D.L. Difference-frequency generation of 4-μm radiation from Nd:YAG lasers 94593
Wong, S.P., Lo, V.C., Lam, Y.W. SIMS study of implantation-induced boron redistribution in silicon 55719
Wong, S.S. *see* Beiley, M.A. 62002
Wong, S.S. *see* Cheng, W. 54517
Wong, S.S. *see* Cho, J.S.H. 62531
Wong, S.S. *see* Cho, J.S.H. 93256
Wong, S.S. *see* Nguyen, C.T. 50012
Wong, S.S. *see* Nguyen, C.T. 62814
Wong, S.S. *see* Sakui, K. 71759
Wong, S.S. *see* Sakui, K. 81884
Wong, S.S. *see* Ver Ploeg, E.P. 62794
Wong, T., Gargour, C., Batani, N. A DSP realization of a CELP testbench 84013
Wong, T. *see* Schlageter, J. 70389
Wong, T.C.P. *see* Wright, P.V. 73312
Wong, T.K.S. *see* Hsu, C.C. 70122
Wong, T.Z., Trembly, B.S. A theoretical model for input impedance of interstitial microwave antennas with choke 53448
Wong, V., Leung, C. A transmit power control scheme for improving performance in a mobile packet radio system 52413
Wong, V., Leung, C. Transmission strategies in multihop mobile packet radio networks 86199
Wong, V., Walmsley, I. Pulse-shape measurement using linear interferometers 73004
Wong, V. *see* Smith, G.A. 98471
Wong, V.K. *see* Blinov, B.B. 87861
Wong, W. Traceability tops in-house calibration 86954
Wong, W. *see* Ortiz-Conde, A. 62780
Wong, W. *see* Schlageter, J. 70389
Wong, W.-H., Hicks, K., Nguyen, D. A positron camera detector design with cross-coupled scintillators and quadrant sharing photomultipliers 53408
Wong, W.C., Sundberg, C.E.-W., Seshadri, N. Low delay, high quality wireless digital speech communications by shared time division duplexing 86178
Wong, W.C. *see* Ching, W.S. 96876
Wong, W.C. *see* Kuek, S.S. 52366
Wong, W.K., Martin, D.E., Othman, H.A., Bahrman, M.P. Advanced technologies as a solution to damp power system oscillations 89032
Wong, W.S. Solving combinatorial optimization problems by gradient flows 69755
Wong, Y. *see* Abbott, W.L. 92396
Wong, Y.-f. A clustering filter for scale-space filtering and image restoration 96061
Wong, Y.C.A., Shore, K.A. A modified bandwidth K factor relationship due to parasitic effects in semiconductor lasers 63840
Wong, Y.K. *see* Derhacobian, N. 81188
Wong, Y.K. *see* Derhacobian, N. 92932
Wong, Y.K. *see* Derhacobian, N. 94250
Wong, Y.K. *see* Hubbard, G.S. 88069
Wong, Y.K. *see* Hubbard, G.S. 98614
Wong, Y.K. *see* Walton, J.T. 88121
Wong, Y.K. *see* Wu, C.W. 60627
Wong, Y.S. *see* Ji, P. 90966
Wong, Y.W. *see* Wong, K.P. 99416
Wong, Y.W. *see* Wong, K.P. 99417
Wong, Y.W. *see* Wong, K.P. 99477
Wong Chi-Chung *see* Chi-Chung Wong
Wong Chun-Fan *see* Chun-Fan Wong
Wong Hon-Sum *see* Hon-Sum Wong
Wong Kam *see* Kam Wong
Wong Kin-Lu *see* Kin-Lu Wong
Wong Kit Po *see* Kit Po Wong
Wong Kon Max *see* Kon Max Wong
Wong Kwo-Jyr *see* Kwo-Jyr Wong
Wong Kwok-Yin *see* Kwok-Yin Wong
Wong Ping Wah *see* Ping Wah Wong
Wong Wai-Hoi *see* Wai-Hoi Wong
Wong Wai-Tak *see* Wai-Tak Wong
Wong Yin Wa *see* Yin Wa Wong
Wong Yin Yin *see* Yin Yin Wong
Wong Yin-Fai *see* Yin-Fai Wong
Wong Yip-San *see* Yip-San Wong
Wong Yiu-fai *see* Yiu-fai Wong
Wong Yue-Chung *see* Yue-Chung Wong
Wong-Ng, W., Freiman, S.W. High T_c superconducting Bi-Sr-Ca-Cu-O glass ceramics: a review 63272
Wongcharoen, T., Rahman, B.M.A., Grattan, K.T.V. Design and characterization of optical directional couplers using the finite element method 82632
Wongcharoen, T. *see* Rahman, B.M.A. 64185
Wongsawang, D., Okamoto, M. Dependency data compression with self-organizing lists 73678
Wongsekiarttirat, W. *see* Pongsapich, A. 69027
Wongsekiarttirat, W. *see* Smith, K.R. 68362
Wonham, W.M. *see* Rudie, K. 74694
Wonjong Kim, Hyunchul Shin A hierarchical placement technique using region refinement 80029
Wonju Cho, Takeuchi, Y., Kuwano, H. Annealing effects on the electrical properties and microscopic structure of semi-insulating polycrystalline silicon films 71073
Wonterghem, B.Van *see* Van Wonterghem, B.
Wonyong Sung *see* Seehyun Kim 70647
Woo, A.C. *see* Jian Gong 94961
Woo, A.C. *see* Schuh, M.J. 97376
Woo, B.C. *see* Cheol Gi Kim 98302
Woo, B.C. *see* Kim, C.G. 53030
Woo, C., Ramachandran, R., Burns, L., Marasco, K., Fisher, D. A frequency agile X-band homodyne GaAs MMIC transceiver with a synthesized phase locked source for automotive collision avoidance radar 80811
Woo, C.K. *see* Orans, R. 89061

Woo, E.J., Hua, P., Webster, J.G., Tomkins, W.J. Finite-element method in electrical impedance tomography 98887
Woo, J. *see* Kistler, N. 71657
Woo, J. *see* Kistler, N. 93627
Woo, J. *see* Wang, J. 50010
Woo, J.C.S. *see* Chen, V.M.C. 71831
Woo, J.C.S. *see* Chen, V.M.C. 93674
Woo, J.C.S. *see* Nayak, D.K. 62740
Woo, J.C.S. *see* Nayak, D.K. 62842
Woo, J.C.S. *see* Song, M. 62838
Woo, J.C.S. *see* Song, M. 93413
Woo, J.T. *see* Castracane, J. 76894
Woo, M. *see* Pfiester, J.R. 63010
Woo, M. *see* Sharma, U. 70505
Woo, M. *see* Sharma, U. 70620
Woo, M.P. *see* Hayden, J.D. 63040
Woo, M.P. *see* Perera, A.H. 62551
Woo, S.H., Lim, C., Lee, W.G., Park, Y.J., Kim, J.C., Choi, S.H. Selective etching technology of in-situ P doped poly-Si (SEDOP) for high density DRAM capacitors 71379
Woo, S.Y., Keprt, A., Lee, H.J. A new design of manganin gauge and its metrological characteristics 66287
Woo, S.Y., Lee, H.J., Kim, B.S., Han, S.W., Kim, K.J. The performance of newly designed manganin high pressure gauge 76254
Woo Byung Chill *see* Byung Chill Woo
Woo Cho Dong *see* Dong Woo Cho
Woo Choi Jong *see* Jong Woo Choi
Woo Choi Seok *see* Seok Woo Choi
Woo Dong Min *see* Dong Min Woo
Woo Hong Chae *see* Hong Chae Woo
Woo Hong Jin *see* Jin Woo Hong
Woo Hyen Kwon *see* Chi Hwan Lee 89928
Woo Hyen Kwon *see* Sung Woon Im 92440
Woo Jae Ik *see* Jae Ik Woo
Woo Jisuk *see* Jisuk Woo
Woo Jung Kang *see* Sang Yoon Choi 75379
Woo Kim Jeong *see* Jeong Woo Kim
Woo Kim Jin *see* Jin Woo Kim
Woo Kim Seong *see* Seong Woo Kim
Woo Kwang Bang *see* Kwang Bang Woo
Woo Lee Chang *see* Chang Woo Lee
Woo Lee Jin *see* Jin Woo Lee
Woo Lee See *see* See Woo Lee
Woo Miae *see* Miae Woo
Woo Moon Gun *see* Gun Woo Moon
Woo Nam Shin *see* Shin Woo Nam
Woo Nam-Sung *see* Nam-Sung Woo
Woo Park Jin *see* Jin Woo Park
Woo Park Jung *see* Jung Woo Park
Woo Park Si *see* Si Woo Park
Woo Pyo Jeong, Dong Ryul Ryu, Kwang Sun Yang, Jong Tae Park, Bong Ryul Kim A lifetime prediction modeling for PMOSFET degraded by hot-carrier 81864
Woo Pyo Jeong, Dong Ryul Ryu, Kwang Sun Yang, Jong Tae Park, Bong Ryul Kim A lifetime prediction modeling for PMOSFET degraded by hot-carrier. II. A lifetime prediction modeling using gate current for PMOSFET 93390
Woo Rhee Kee *see* Kee Woo Rhee
Woo Rhee Shi *see* Shi Woo Rhee
Woo Sang Gyun *see* Sang Gyun Woo
Woo Seo Seong *see* Seong Woo Seo
Woo Shik Rho *see* Seok Jin Jang 74402
Woo-Hu Tsai *see* Shih-Chieh Chao 50486
Woo-Hu Tsai *see* Shih-Chieh Chao 94133
Woo-Hyeong Lee, Young June Park, Jong Duk Lee Gate recessed (GR) MOSFET with selectively halo-doped channel and deep graded source/drain for deep submicron CMOS 93614
Woo-Jin Song *see* Min-Soo Park 80438
Woo-Jung Ji *see* Ji Woo-Jung
Woo-Sun Lee, Neudeck, G.W., Min-Koo Han Temperature-dependent I_D-V_D characteristics and analytical model for a-Si:H thin film transistors 81925
Woo-Sung Choi, Jae-Gyung Ahn, Young-June Park, Hong-Shick Min, Chang-Gyu Hwang A time dependent hydrodynamic device simulator SNU-2D with new discretization scheme and algorithm 62638
Woo-Sung Han, Chang-Jin Sohn, Ho-Young Kang, Young-Bum Koh, Moon-Yong Lee Overcoming of global topography and improvement of lithographic performance using a transmittance controlled mask (TCM) 71467
Woo-Sung Han *see* Chang-Jin Sohn 71483
Woo-Sung Han *see* Ho-Young Kang 49935
Woo-Young Choi, Fonstad, C.G. Growth optimization of molecular beam epitaxy grown InAlAs on InP 54832
Woobin Lee, Yongmin Kim, Gove, R.J., Read, C.J. MediaStation 5000: integrating video and audio 75714
Wood, A. Availability modeling 54632
Wood, A.K. *see* Williams, M.A. 56142
Wood, A.P., Elerath, J.G. A comparison of predicted MTBFs to field and test data 54623
Wood, B. *see* Chen, Q.X. 67506
Wood, B. *see* Sanjurjo, A. 81209
Wood, B.M., Schumacher, B. Adaptive current sources and feedback applied to the cryogenic current comparator 80513
Wood, B.P. *see* Rej, D.J. 62387
Wood, C.C. Using network management systems to achieve information security 74906
Wood, C.C. Fifty ways to secure dial-up connections 85742
Wood, C.C. Network management systems and information security 96459
Wood, C.E.C., Tabatabaei, S.A., Mimomye, L.V., Grober, L.M. Reconstruction controlled dopant incorporation and "coercion" effects in molecular-beam epitaxial germanium grown on gallium arsenide 81431
Wood, D. On the eve of the revolution—digital television broadcasting in April 1994 97583
Wood, D. *see* Chung, T. 86593
Wood, D. *see* Lavelle, S. 62348
Wood, D. *see* Lodge, N.K. 97621
Wood, D. *see* Sen, P.K. 90284
Wood, D.H. Towards a theory for the runaway state of a horizontal-axis wind turbine 89772
Wood, D.Von *see* Von Wood, D.
Wood, E. *see* Jackson, T.J. 59585
Wood, E.F. *see* Dah-Syang Lin 67860
Wood, E.P., Nimmo, K.L. In search of new lead-free electronic solders 79972
Wood, F. *see* Datte, P. 76438
Wood, G. *see* Arya, R.R. 90414
Wood, G. *see* Arya, R.R. 100522
Wood, G. *see* Bachmann, K.J. 61265
Wood, J. European satellite communications 97194
Wood, J. Ethereal curtain. The biggest shortwave station in the world 97593
Wood, J. The application of power factor correction equipment 99486
Wood, J. *see* Morton, C.G. 81947
Wood, J.C., Barry, D.T. Tomographic time-frequency analysis and its application toward time-varying filtering and adaptive kernel design for multicomponent linear-FM signals 74195
Wood, J.C., Barry, D.T. Linear signal synthesis using the Radon-Wigner transform 74196
Wood, J.F. *see* Black, Q.R. 75680
Wood, J.T. *see* Vice, R.L. 99613
Wood, K. *see* Noaks, D.R. 60595
Wood, K. *see* Woods, R.F. 70656
Wood, K.R., Turner, S.J. A generalized carrier-null method for conservative parallel simulation 70237
Wood, K.W. *see* Walke, R.L. 80495
Wood, L.C. *see* Holmes, W.J. 84075
Wood, L.L., Miedema, A.K., Cates, S.C. Modeling the technical and economic potential of thermal energy storage systems using pseudo-data analysis 68134
Wood, M. *see* Kaplan, D. 59067
Wood, M.E.J., Lewis, E. Grammatical recognition in computer aided conversation 98983
Wood, N.D. *see* Stowers, J.P. 87025
Wood, O.R., II *see* Tichenor, D.A. 81591
Wood, P. *see* Blake, C. 61520
Wood, P.N. Monolithic level-shifting MOS gate drivers cut parts count while providing added control functions 91902
Wood, R. Turbo-PRML: a compromise EPRML detector 50350
Wood, R. *see* Allen, S.L. 63878
Wood, R. *see* Wangler, T.P. 76301
Wood, R.A. High-performance infrared thermal imaging with monolithic silicon focal planes operating at room temperature 98087
Wood, R.A. *see* Hong, L. 57468
Wood, R.J. *see* Miller, J.R. 82404
Wood, R.L. *see* Jagannathan, P. 81615
Wood, R.L. *see* Linehan, L.L. 81639
Wood, R.M., Benson, J.L., Trikouros, N., Temple, T. Needs assessment and conceptual design for an interactive design basis database (IDB) 68392
Wood, R.M. *see* Yi Lu 68142
Wood, S.C., Saraswat, K.C. Performance evaluation of adaptable manufacturing systems for semiconductor IC production 71802
Wood, S.C. *see* Saraswat, K.C. 62352
Wood, S.C. *see* Saraswat, K.C. 69548
Wood, S.L. *see* Hsieh, L.S.L. 84316
Wood, S.N. Monotonic smoothing splines fitted by cross validation 79658
Wood, T.H., Feldman, R.D., Austin, R.F. Demonstration of a cost-effective, broadband passive optical network system 52601
Wood, T.H., Ostar, L.M., Suzuki, M. The effect of modulator nonlinearity on measurements of chirp in electroabsorption modulators 72445
Wood, T.H. *see* Lee, J.S. 86369
Wood, T.H. *see* Raybon, G. 75508
Wood, W. *see* Bissen, M. 87752
Wood, W. *see* Way, J. 77660
Wood, W.A. *see* Woollen, D.P. 77083
Wood-Hi Cheng Effect of carrier lifetime on mode partition noise in multimode semiconductor lasers 50832
Woodall, D.K. *see* Levine, J.D. 100637
Woodall, J.M. *see* Lin, C.L. 93505
Woodall, J.M. *see* Melloch, M.R. 62163
Woodall, J.M. *see* Rahman, A. 51241
Woodall, J.M. *see* Tiwari, S. 50812
Woodall, J.M. *see* Tiwari, S. 63858
Woodall, J.M. *see* Tiwari, S. 72791
Woodard, D. *see* Litvin, K. 65860
Woodbridge, K. *see* Guy, P. 83114
Woodbridge, K. *see* Norman, C.E. 81317
Woodbridge, K. *see* Williams, G.V.M. 56922
Woodburn, R. *see* Pope, J., Jr. 62420
Woodburn, R.J. *see* Murray, A.F. 61837
Woodcock, J.M. *see* Turner, A.K. 100462
Woodford, D. Expanding the capacity of existing transmission corridors 68181
Woodford, D.A. *see* Mader, D. 53594
Woodham, R.J. *see* Iwahori, Y. 95750
Woodham, R.J. *see* Ying Li 84796
Woodhead, J., Reddy, M., David, J.P.R. Electroluminescence from InGaAs/InAlAs HEMTs 71717
Woodhead, J. *see* David, J.P.R. 93314
Woodhead, J. *see* Pabla, A.S. 82720
Woodhouse, G. Low-cost calibration: key to effective placement 81026
Woodin, C. *see* Staudinger, J. 50044
Wooding, M., Attema, E. *(editors)* South American Radar EXperiment. SAREX-92 Workshop Proceedings (ESA WPP-76) 60774
Woodland, P.C. *see* Giguere, C. 84128
Woodland, P.C. *see* Jones, M. 84040
Woodland, P.C. *see* Odell, J.J. 95352
Woodland, P.C. *see* Young, S.J. 95254
Woodle, K. *see* Danby, G.T. 87675
Woodle, M. *see* Fisher, A.S. 76360
Woodle, M. *see* Wang, X.J. 76748
Woodle, M.H. *see* Shleifer, M. 88380
Woodle, N. *see* Ingold, G. 63868
Woodley, J. *see* Siddiqi, R. 53656
Woodley, M. *see* Adolphsen, C. 76537
Woodley, M. *see* Walker, N.J. 66865
Woodley, M. *see* Walker, N.J. 66866
Woodley, M. *see* Walker, N.J. 66875
Woodley, M.D. *see* Spence, W.L. 87887
Woodman, C. *see* Abou-Arrage, G. 65520
Woodman, M.J. *see* Kirek, L.S. 79060
Woodman, R.F. *see* Maekawa, Y. 77390
Woodruff, G.W. *see* Black, W.Z. 78127
Woodruff, J. *see* Helsel, M. 67704
Woodruff, M.W., Sirkis, J.S. Corrosion sensing of aluminum using optical fiber 91674
Woods, A.C. *see* Dumir, V.C. 54685
Woods, B. *see* Wilmut, M.J. 97447
Woods, C. *see* Khoury, J. 51577
Woods, C. *see* Khoury, J. 56938
Woods, C. *see* Khoury, J. 56947
Woods, C. *see* Khoury, J. 83358
Woods, C. *see* Khoury, J. 95850
Woods, C.L. *see* Khoury, J. 51711
Woods, C.L. *see* Khoury, J. 95881
Woods, D.D. Comparison and optimization of digital read channels using actual data 93892
Woods, E., Queeney, T. Multisensor detection and tracking of tactical ballistic missiles using knowledge-based state estimation 77776
Woods, G.L. *see* Chui, H.C. 63993
Woods, G.L. *see* Martinet, E.L. 94604
Woods, G.P. *see* Garling, L.K. 62343
Woods, J.V. *see* Furber, S.B. 92260
Woods, J.W., Naveen, T. Motion compensated multiresolution transmission of HD video using multistage quantizers 86732
Woods, J.W. *see* Kim, J. 64734
Woods, J.W. *see* Naveen, T. 57708
Woods, J.W. *see* Naveen, T. 85064
Woods, K. *see* Walsh, J. 51036
Woods, K.S., Bowyer, K.W. Generating ROC curves for artificial neural networks 76943
Woods, K.S., Doss, C.C., Bowyer, K.W., Solka, J.L., Prieve, C.E., Kegelmeyer, W.P., Jr. Comparative evaluation of pattern recognition techniques for detection of microcalcifications in mammography 59276
Woods, M. *see* Alley, R. 72713
Woods, M. *see* Clendenin, J.E. 76743
Woods, M. *see* Frisch, J. 72750
Woods, M. *see* Tang, H. 71025
Woods, M.B. *see* Yeremian, A.D. 76724
Woods, P., Allin, M.D., Pardoe, R.J.L. Precision radar measurements using a novel compact test range 53575
Woods, R. *see* Jason, A.J. 87950
Woods, R.C. *see* Kalingamudali, S.R.D. 81821
Woods, R.E. *see* Coucoulas, A. 94127
Woods, R.F., Floyd, G., Wood, K., McCanny, J.V., Evans, R.A. A very high performance IIR filter chip 70656
Woods, R.F. *see* McGovern, F.A. 49471
Woods, R.F. *see* Walke, R.L. 80495
Woods, R.Root *see* Root Woods, R.
Woods, W.A. Turbo-compressors and turbines as conjugate machines and a compressor as a machine with a non-zero lower limit to its isentropic efficiency 54368
Woodside, C.M. *see* Majumdar, S. 96261
Woodside, G. *see* Dalke, D.G. 79257
Woodstra, R.R. *see* Hudson, C.L. 98457
Woodtli, A. *see* Ghisler, Ch. 63736
Woodward, B., Bateman, S.C. Diver monitoring by ultrasonic digital data telemetry 67510
Woodward, B., Cook, J.C., Goodson, A.D., Lepper, P.A. A phase steered parametric array for sub-bottom profiling 99161
Woodward, B., Forsythe, W., Hole, S.K. Estimating backscattering strength for a correlation log 86623
Woodward, B.B. Will OSI be eclipsed by TCP? 96658

Woodward, J.A. *see* Bonett, D.G. 69622
Woodward, M.E. Burstiness of interrupted Bernoulli process 83894
Woodward, M.E., Harris, M.D.S. A discrete-time, fixed-point performance model for the Orwell protocol with bursty arrivals 65032
Woodward, R.C. *see* Folks, L. 60947
Woodward, R.C. *see* Folks, L. 82240
Woodward, S.L., Darcie, T.E. A method for reducing multipath interference noise 52574
Woodward, S.L. *see* Morton, P.A. 56750
Woodward, T.K., Lentine, A.L., Chirovsky, L.M.F. Experimental sensitivity studies of diode-clamped FET-SEED smart-pixel optical receivers 97257
Woodward, T.K., Lentine, A.L., Chirovsky, L.M.F., Pei, S.S., Freund, J.M., D'Asaro, L.A., Focht, M.F., Laskowski, E.J., Guth, G.D., Smith, L.E. Operating characteristics of GaAs/AlGaAs FET-SEED smart pixels 63617
Woodward, T.K. *see* Lentine, A.L. 56420
Woodward, T.K. *see* Lentine, A.L. 72641
Woodward, T.K. *see* Lentine, A.L. 86022
Woodward, T.K. *see* Sizer, T., II 63478
Woodworth, C., Golden, G.D., Gitlin, R.D. An integrated multimedia terminal for teleconferencing 75101
Woodworth, E. *see* Perry, J. 76459
Woodworth, J.R. *see* Mahoney, A.R. 100723
Woodworth, J.R. *see* Quintana, M.A. 100719
Woodworth, M.B., Yaghjian, A.D. Multiwavelength three-dimensional scattering with dual-surface integral equations 51052
Woody, C. *see* David, G. 87983
Woody, C.L. *see* Kierstead, J.A. 59085
Woody, D., Vail, D., Schaal, W. Design, construction, and performance of the Leighton 10.4-m-diameter radio telescopes 58525
Woody, J.A. *see* Denny, H.W. 88926
Woodyard, J. *see* Howell, D. 59444
Woodyard, J.R. *see* Lord, K.R., II 100751
Wooff, R. *see* Murowinski, R. 58856
Woogon Chung, Micheli-Tzanakou, E. A simulation study for different moment sets 95648
Wooi Boon Goh, Martin, G.R. Model-based multiresolution motion estimation in noisy images 57651
Wook Ahn Hee *see* Hee Wook Ahn
Wook Han Sung *see* Sung Wook Han
Wook Jin Chung *see* Kwang Il Kim 81433
Wook Kang Dong *see* Dong Wook Kang
Wook Kim Dong *see* Dong Wook Kim
Wook Lee Jong *see* Lee Jong Wook
Wook Lee Seung *see* Seung Wook Lee
Wook-Hyun Kwon *see* Hong-Ju Moon 85833
Wook-Rae Cho *see* Kyu-Haeng Lee 73053
Wookhyun Kim, Hirai, Y., Furukawa, T., Arita, H. Extraction of road segments by spatial filters 84927
Woolard, D.L., Hong Tian, Littlejohn, M.A., Kim, K.W. Efficient ohmic boundary conditions for the Monte Carlo simulation of electron transport 49940
Woolard, D.L., Tian, H., Littlejohn, M.A., Kim, K.W. The implementation of physical boundary conditions in the Monte Carlo simulation of electron devices 81761
Woolard, D.L. *see* Tian, H. 62912
Woolet, S. *see* Rindos, A. 65359
Wooley, B.A. *see* Brandt, B.P. 61812
Wooley, B.A. *see* Brandt, B.P. 70766
Wooley, B.A. *see* Chin-Chieh Chao 69578
Wooley, B.A. *see* Haller, G.M. 49586
Wooley, B.A. *see* Haller, G.M. 70786
Wooley, B.A. *see* Haller, G.M. 80507
Wooley, B.A. *see* Loinaz, M.J. 61783
Wooley, B.A. *see* Sakui, K. 71759
Wooley, B.A. *see* Sakui, K. 81884
Wooley, B.A. *see* Williams, L.A., III 49207
Woolf, B.P. *see* Kraje, B. 68423
Woolf, D.A. *see* Clark, S.A. 55796
Woolf, D.A. *see* Wilks, S.P. 92936
Woolf, S. *see* Bradford, J.N. 71232
Woolfenden, J.M. *see* Barber, H.B. 59302
Woolfenden, J.M. *see* Barber, H.B. 98851
Woolfenden, J.M. *see* Hartsough, N.E. 98842
Woolfenden, J.M. *see* Matherson, K.J. 98844
Woolfenden, J.M. *see* Rogulski, M.M. 59292
Woolfson, M.S. *see* Duffy, A.P. 57129
Woolfson, M.S. *see* Munu, M. 75603
Woollam, J.A., McGahan, W.A., Johs, B. Spectroscopic ellipsometry studies of indium tin oxide and other flat panel display multilayer materials 52997
Woollen, D.P., Wood, W.A., Pankow, J.C. RF radiation hazard analysis at Crane Division, Naval Surface Warfare Center 77083
Woolley, J.A. *see* May, R.S. 99852
Woolley, S.J., Monro, D.M. Rate/distortion performance of fractal transforms for image compression 64763
Woolley, S.J. *see* Monro, D.M. 95911
Woolsey, G.A., O'Byrne, S.B., Lamb, D.W. Temperature profiles for axially symmetrical distributions using integrated optical fiber sensing 66397
Woolven, S., Reid, D.B. IMU noise evaluation for attitude determination and stabilization in ground and airborne applications 67714
Woon Choi Seong *see* Seong Woon Choi
Woon Im Sung *see* Sung Woon Im
Woong Chae Kim, Kie Hyung Chung, Byung Ho Choi Characteristics of Hall effect plasma accelerator for industrial application 53252
Woong Choi Pill *see* Pill Woong Choi
Woong Lee Choong *see* Choong Woong Lee
Woong Lee Saang *see* Saang Woong Lee
Woos, J.C.S. *see* Ver Ploeg, E.P. 62829
Woosung Han *see* Hye-Keun Oh 71479
Wootten, D. *see* Kerr, J.A. 70461
Wooyoun Ahn *see* Jechang Jeong 86735
Worboys, M.R., Day, S.C.M., Foster, S.J., Radcliffe, S., Mitchell, K., Vass, D.G., Underwood, I. Miniature display technologies for helmet and head mounted displays 66623
Worcester, P.F. *see* Dushaw, B.D. 77555
Word, G. *see* Abe, K. 88115
Word, G. *see* Antilogus, P. 59064
Word, G. *see* Antilogus, P. 59127
Wordeman, M.R. *see* Hsu, C.C.-H. 55980
Worden, H.M. *see* Alexander, J.P. 59072
Worden, H.M. *see* Alexander, J.P. 70305
Worden, P. *see* Mason, P. 99040
Worgan, J.S. *see* Lewis, R.A. 87997
Workman, A., Cowen, A.R., Brettle, D.S. Physical evaluation of computed radiography as a mammographic X-ray imaging system 98856
Workman, R. *see* Chen, D. 61328
Worledge, D.H. Industry advances in reliability centered maintenance [nuclear plants] 68395
Worley, E.R. *see* Bhattacharya, S.S. 62761
Worley, J.F. *see* Mitchell, I.H. 68934
Worm, T. *see* Elsener, K. 67194
Wormald, N.C. *see* Gao, Z. 79609
Wormald, P.W. *see* Cheshire, D.G. 54466
Wormer, K.Van *see* Van Wormer, K.
Wormington, P. *see* Halbleib, L. 100435
Worms, J. *see* Kushel, H. 58482
Worms, J.G. Possible methods of diagram shaping in conformal antennas 57277
Wornell, G.W. *see* Papadopoulos, H.C. 84226
Worobey, W. *see* Norwood, D. 92837
Worotynska, E. *see* Worotynski, J. 54040
Worotynski, J., Turowski, M., Worotynska, E. Generation of an optimal reluctance network model for fast 2-D and 3-D simulations of electromagnetic devices 54040
Worrell, S.S. *see* Ng, G.C. 84247
Worring, M., Pfluger, P., Smeulders, A.W.M., Houtsmuller, A.B. Measurement of 3D-line shaped objects 57683
Worring, M., Smeulders, A.W.M. Shape of an arbitrary finite point set in IR^2 64791
Worstell, W. *see* Arrington, K. 88112
Worstell, W. *see* Arrington, K. 98564
Worstell, W. *see* Brown, D. 59084
Worstell, W. *see* Young, K.G. 76765
Worster, T. *see* Fischer, W. 74985
Worster, T. *see* Fischer, W. 75160
Wortge, M. *see* Freund, J. 61406
Worth, A.J., Kennedy, D.N. Employing shape to aid magnetic resonance brain segmentation 67507
Worth, A.J., Kennedy, D.N. Segmentation of magnetic resonance brain images using analogue constraint satisfaction neural networks 67516
Worth, G.T. *see* Johnson, K.F. 76415
Wortman, J.J. *see* Misra, V. 93217
Wortman, J.J. *see* Misra, V. 93430
Wortman, J.J. *see* Spanos, L. 93164
Wortman, M.A., Klutke, G.-A., Ayhan, H. A maintenance strategy for systems subjected to deterioration governed by random shocks 91088
Woryna, E. *see* Mroz, W. 53219
Woschnagg, E. Turbogenerator field winding shorted turn detection by AC flux measurement 78542
Woschni, E.-G. Signals and information theory in measurement science 75815
Woschni, E.-G. Application of signal, system and information theory in measurement—a survey 86817
Wosinski, T. *see* Figielski, T. 81282
Wosowski, J. *see* Dziuban, J. 66178
Wothke, K. *see* Pachunke, T. 73784
Woudberg, J.J. *see* Bodger, P.S. 78110
Woudenberg, R.van *see* van Woudenberg, R.
Woudstra, M.J. *see* Hemmes, H. 93918
Wouk, V. Hybrid vs. all-electric vehicles: what are the pros and cons for rapid introduction 54208
Wouters, D. *see* Bosisio, L. 59074
Wouters, E., De Cooman, M., Puers, R. A multipurpose CMOS sensor interface for low-power applications 88368
Wouters, F. *see* Dobrowolny, M. 88635
Wouters, J. *see* Stahle, C.K. 53363
Wouters, P., de Cooman, M., Lapadatu, D., Puers, R. A low power multi-sensor interface for injectable microprocessor-based animal monitoring system 58646
Wouters, P.A.A.F., van der Laan, P.C.T., Steennis, E.F. Inductive ultra-wide band detection and location of partial discharges in high-voltage cables 78119
Wouthuyzen, S., Gotoh, K., Uno, S. Seasonal sea surface temperature of the Omura Bay, Japan estimated from multi-date Landsat-5 TM thermal infrared band 77489
Wowchak, A. *see* Bobel, F.G. 54912
Wowchak, A.M. *see* Van Hove, J.M. 91519
Wowka, B., Shalev, S. Thick phosphor screens for on-line portal imaging 88540
Woychik, C. *see* Bao-Tong Ma 92721
Wozniak, J.A. *see* Haan-Go Choi 59388
Wozniak, L. *see* Lansberry, J.E. 60121
Wozniak, L. *see* Throckmorton, P.J. 78539
Wozniak, P., Kuzminski, K. On the robust control of nonlinear systems 68615
Woznicki, Z.I. The Sigma-SOR algorithm and the optimal strategy for the utilization of the SOR iterative method 48846
Wraback, M. *see* Shen, H. 72441
Wraback, M. *see* Shen, H. 94183
Wragg, J.L. *see* Khan, A.H. 79967
Wray, A.J., Boscovic, D.M. Overcoming the implementation issues of linear transmitter technology-Motorola's experience 52433
Wray, L. *see* Berg, R.M. 89438
Wray, S., Glauert, T., Hopper, A. The Medusa applications environment 58042
Wrench, A.A., Jackson, M.S., Jack, M.A., Soutar, D.S., Robertson, A.G., MacKenzie Beck, J., Laver, J. A speech therapy workstation providing visual feedback of segmental quality 98988
Wrench, C.L. *see* Cudlip, W. 77272
Wrezel, J.A., Moffat, A., Hagner, L.R. The transition to non-ODS benchtop cleaning chemistries 81043
Wriedt, T. Deconvolution of particle size distributions measured by phase Doppler anemometry 76259
Wright, A., Ralston, P., Stoll, K., Harper, D., Leffew, K. Simulation and control of a multi-stage batch operation with measurement constraints 54569
Wright, A.C., Williams, J.O., von der Emde, M., Zahn, D.R.T., Krost, A., Richter, W. Transmission electron microscopy in the study of the growth of Ga_2Se_3 thin films by the heterovalent exchange mechanism 79836
Wright, A.C. *see* Bavdaz, M. 67408
Wright, A.P. *see* Bhumbra, B.S. 56778
Wright, A.P. *see* Thornton, K.E.B. 50846
Wright, A.P. *see* Whiteaway, J.E.A. 94483
Wright, A.St.C. Deep towed sidescan sonars 99280
Wright, B. *see* Padamsee, H. 67121
Wright, B.L., Alrick, K.R., Fritz, J.N. Measurement of large ground motions with the ASM gage 88742
Wright, C. *see* Allen, M.S. 85812
Wright, C.D., Clegg, W.W., Boudjemline, A., Heyes, N.A.E. Scanning laser microscopy of magneto-optic storage media 56224
Wright, C.D., Clegg, W.W., Cheng, S.T., Crozier, P.J., Cunningham, M.J., Hill, E.W., Hayashi, K., Birtwistle, J.K. A combined scanning optical and force microscope using interferometric detection 75874
Wright, C.D. *see* Jackson, J.E. 78961
Wright, C.H.G., Heckert, G.P., Bleier, T.E. Near term approach to data relay for satellites under test 77112
Wright, C.R. *see* Pizzi, S.V. 58340
Wright, D. Shaping the future of the international satellite organizations 65717
Wright, D. *see* Miller, S.P. 99141
Wright, D. *see* Rate, C. 67723
Wright, D.B., Cangellaris, A.C. Finite element grid truncation schemes based on the measured equation of invariance 83597
Wright, D.T. *see* Laflin, N.J. 97546
Wright, D.T. *see* Shore, K.A. 74631
Wright, E. *see* Caryotakis, G. 67156
Wright, E.L. *see* Fowkes, W.R. 62099
Wright, E.M. *see* Geddes, J.B. 94662
Wright, G.A., Zabin, S.M. Nonparametric density estimation for classes of positive random variables 95585
Wright, G.A. *see* Zabin, S.M. 57534
Wright, G.A. *see* Zabin, S.M. 57535
Wright, G.L. A primer on addressable decoders for pay TV operators 52718
Wright, H.A. *see* Hunter, S.R. 53340
Wright, J. Signals associated with nonlinear dynamical systems: identification and monitoring 51495
Wright, J.C. *see* Eichenlaub, J.B. 52988
Wright, J.D. *see* Peacock, S.J. 87318
Wright, J.D. *see* Wilson, A. 66548
Wright, J.D. *see* Wilson, A. 66549
Wright, J.R. *see* Berman, J.I. 51902
Wright, K. Robots in the news. Camera robot navigation in television studios 66033
Wright, K.H., Jr. *see* Stone, N.H. 88634
Wright, M.E. *see* Hearn, W.E. 82066
Wright, M.E. *see* Hearn, W.E. 98683
Wright, M.W., Mcinerney, J.G. Injection locking semiconductor lasers with phase conjugate feedback 83075
Wright, N. *see* Hardy, G. 77153
Wright, P.E. *see* Greenberg, A.G. 75270
Wright, P.E. *see* Mitrani, I. 74902
Wright, P.J. *see* Dhese, K.A. 70138
Wright, P.J. *see* Higgs, V. 81320
Wright, P.M., Croll, P.R., Hall, P. Novel approaches to parallel volume rendering 64758
Wright, P.S. *see* Pickering, J.R. 87355
Wright, P.T. Performance simulation of UMTS services within Monet 86120

Wright, P.V., Wong, T.C.P., Chambers, B., Anderson, A.P. Electrical characteristics of polypyrrole composites at microwave frequencies 73312
Wright, R. *see* Sandoval, D.P. 98467
Wright, R. *see* Viveash, J.P. 99087
Wright, R.E. *see* Gartenberg, E. 99048
Wright, R.M. *see* McDonald, C.F. 78299
Wright, S. *see* Crist, C.E. 76442
Wright, S. *see* Hurd, J.W. 76440
Wright, S.J. Stable parallel elimination for boundary value odes 61190
Wright, S.J. *see* Monteiro, R.D.C. 54708
Wright, V. *see* Kirk, J. 65915
Wright, V.J.C. *see* Chantler, M.J. 86615
Wright, W.A. *see* Mackeown, W.P.J. 84822
Wright, W.M.D., Schindel, D.W., Hutchins, D.A. Studies of laser-generated ultrasound using a micromachined silicon electrostatic transducer in air 59603
Wright, W.M.D. *see* Gachagan, A. 99364
Wright, W.M.D. *see* Hutchins, D.A. 99349
Wright, W.S. Procedure performs thermal measurements on pulsed devices 58991
Wrigley, C.Y. *see* Xiangyang Yang 63356
Wrigley, C.Y. *see* Yang, X. 56314
Wrigley, G., Izzo, M., Farkouh, S. Multi-layer operations functional analysis for broadband ATM networks and services 75096
Wristers, D. *see* Gardner, M. 71785
Wrobel, L.C. *see* Yamada, T. 83511
Wroblewski, B. *see* Mayberry, C.S. 81135
Wroblewski, D.E., Joshi, Y. Liquid immersion cooling of a substrate-mounted protrusion in a three-dimensional enclosure: the effects of geometry and boundary conditions 54495
Wroblewski, M. *see* Grzegory, I. 79771
Wrochna, G. The muon system of the CMS detector at LHC 53298
Wrochna, G. *see* Arefiev, A. 88007
Wrochna, G. *see* Gasparini, F. 53303
Wrochna, G. *see* Moers, T. 67364
Wroge, M.L. *see* Chih-Hsiang Lin 56432
Wrona, D. Teleco-operation: changes for increase in productivity and improvement in position? 90888
Wronski, C.R. *see* Dawson, R.M.A. 100550
Wronski, C.R. *see* Dawson, R.M.A. 100696
Wronski, C.R. *see* Gunes, M. 92916
Wronski, C.R. *see* Yang, S.-Y. 90448
Wronski, L.B. *see* Krasniewski, A. 92009
Wronski, L.D. *see* Hossain, R. 55219
Wrulich, A. *see* Abrami, A. 98715
Wrzeciono, A. *see* Idzikowski, B. 72011
Wu, A., Cattarius, D., Roy, M., Vinckier, R. RACE, integrated broadband communication and interworking 58160
Wu, A., Roy, M.F. Trans-European networks for a community without internal borders 65372
Wu, A. *see* Anghinolfi, F. 98663
Wu, A. *see* Mallary, M.L. 72129
Wu, A.C.-H. *see* Tsung-Yi Wu 49079
Wu, A.C.H. *see* Kuo-Hua Wang 92035
Wu, A.Y. Field enhancement and reduction and elimination of remanent light flow in electrooptic bulk and thin film displays and spatial light modulators. Theory and practice 56419
Wu, A.Y., Chen, T.C.C., Chen, H.Y. Model of electrooptic effects by Green function and summary representation: applications to bulk and thin film PLZT displays and spatial light modulators 56418
Wu, A.Y., Hwang, D.M., Wang, L.M. Highly oriented $(Pb,La)(Zr,Ti)O_3$ thin films on amorphous substrates 56118
Wu, B., Chu, P.L. A twin-core erbium-doped fiber amplifier 82992
Wu, B., DeWinter, F. GTO current source inverter drives for 500 to 10000 HP induction motors 90547
Wu, B., Slemon, G.R., Dewan, S.B. Analysis and design of GTO-CSI induction machine drive system 60535
Wu, B. *see* Arkwright, J. 56910
Wu, B. *see* Guan, C. 73857
Wu, B.-F., Jonckheere, E.A. Mutual Kolmogorov-Sinai entropy approach to nonlinear estimation 73571
Wu, B.J. *see* DePuydt, J.M. 63839
Wu, B.J. *see* Guha, S. 82834
Wu, B.J. *see* Huo, L.H. 92958
Wu, B.J. *see* Kuo, L.H. 92957
Wu, B.S., Chuang, C.T., Lu, P.F. Nonquasi-static effects in saturated bipolar circuits 61656
Wu, B.X. *see* Wu, L.B. 75316
Wu, C., Schulden, W. Specific heating load of thermoelectric heat pumps 54160
Wu, C. *see* Hwang, B. 78927
Wu, C. *see* Kimber, R. 99103
Wu, C. *see* Navarro, E.A. 94897
Wu, C. *see* Yasillo, N.J. 98821
Wu, C.-H. *see* Wang, C.-J. 55363
Wu, C.-H. *see* Xiao, Y. 52819
Wu, C.-H.J. *see* Li, C.C. 78576
Wu, C.-M., Vishwanath, M., Owens, R.M., Irwin, M.J. A new blocked IIR algorithm 80458
Wu, C.-S. *see* Huang, N.-F. 96821
Wu, C.C. *see* Chen, H.D. 62165
Wu, C.C. *see* Ho, J.M. 100240
Wu, C.F.J. *see* Li Deng 95238
Wu, C.J., Sung, A.H. Application of fuzzy controller to JPEG 84735
Wu, C.L., Hsu, W.C., Shieh, H.M., Liu, W.C. Mobility enhancement in double δ-doped $GaAs/In_xGa_{1-x}As/GaAs$ pseudomorphic structures by grading the heterointerfaces 55630
Wu, C.L., Hsu, W.C., Tsai, M.S., Shieh, H.M. High performance three-terminal δ-doped GaAs negative resistance field-effect transistor based on real-space transfer 81957
Wu, C.M. *see* Manouchehri, D. 53490
Wu, C.S., Ren, F., Pearton, S.J., Hu, M., Pao, C.K., Wang, R.F. Dry etch gate recess high breakdown voltage power P-HEMTs 92551
Wu, C.S. *see* Hafizi, M. 92618
Wu, C.S. *see* Teng, S.J.J. 81958
Wu, C.S. *see* Yau, W. 80827
Wu, C.S. *see* Yau, W. 92586
Wu, C.W., Wong, Y.K. Estimating residential air conditioner loads using consumer survey information 60627
Wu, C.Y., Pollock, C. Analysis and reduction of vibration and acoustic noise in the switched reluctance drive 69047
Wu, D., Gowdy, J.N. Tunable time delay neural networks for isolated word recognition 95289
Wu, D. *see* Chardaire, P. 64628
Wu, D. *see* Lampe, W. 53776
Wu, D. *see* Tran, P. 66892
Wu, D.-S., Hwang, Y.-S., Liu, S.-I., Wu, Y.-P. New multifunction filter using an inverting CCII and a voltage follower 49533
Wu, D.Y. *see* Badgett, W. 74345
Wu, E.C. *see* Iu, S.L. 84988
Wu, F. *see* Chakroun, N. 99369
Wu, F. *see* Wang, J.S. 94380
Wu, F. *see* Xiao, N. 74873
Wu, F.F. *see* Hsiao-Dong Chiang 77888
Wu, F.F. *see* Murphy, L. 59774
Wu, F.F. *see* Xiao, N. 65186
Wu, F.Y. *see* Dorundo, A.D. 69596
Wu, F.Y. *see* Slater, J.D. 53432
Wu, G., Bharadwaj, V., Lackey, J., McGinnis, D., Tomlin, R. A pseudo real time tune meter for the Fermilab Booster 76465
Wu, G., Bong, T.Y. A computer simulation study of indoor humidity during part-load 60628
Wu, G., Mukumoto, K., Fukada, A. Integration of voice and data in wireless information networks with data steal into voice multiple access 86158
Wu, G., Mukumoto, K., Fukuda, A. Performance evaluation of reserved idle signal multiple-access scheme for wireless communication networks 75336
Wu, G., Pruss, S., Capista, D. A new study of the Main Ring physical aperture 76471
Wu, G. *see* Oguri, Y. 59024
Wu, G.Y. *see* Hung, K.-M. 93321
Wu, G.Y. *see* Shih, J.-J. 81783
Wu, H., Zhuang, N., Perkowski, M.A. Novel CMOS scan design for VLSI testability 50084
Wu, H. *see* Hong, Q. 49251
Wu, H.-D., Barnes, F.S., Galt, D., Price, J., Beall, J.A. Dielectric properties of thin film $SrTiO_3$ grown on $LaAlO_3$ with $YBa_2Cu_3O_{7-x}$ electrodes 92491
Wu, H.-Y. *see* Liu, B.-D. 70783
Wu, H.F., Wu, L.L. MIL-HDBK-5 design allowables for fibre/metal laminates; ARALL 2 and ARALL 3 54990
Wu, H.M. *see* Knight, T. 70450
Wu, H.R. *see* Jian, Q.X. 84895
Wu, H.R. *see* Tai, R.C.V. 74430
Wu, H.R. *see* Tang, Y.Q. 83440
Wu, I.-W. *see* Lack, M. 93402
Wu, J., Liang, Z., Wang, H., Ma, X. A digital power system simulator for relay testing 99752
Wu, J., Minor, E.D., Passaneau, J.E., Heppelmann, S.F., Ng, C., Bunce, G., Mardor, I. The EVA trigger: transverse momentum selection in a solenoid 98659
Wu, J., Sheridan, J., Welsh, M.C., Hourigan, K., Thompson, M. Longitudinal vortex structures in a cylinder wake 98360
Wu, J., Spillman, W.B., Jr. Distributed defect detection system using a unidirectional acoustic waveguide 91670
Wu, J. *see* Casagrande, L.G. 91420
Wu, J. *see* Clement, T.S. 94324
Wu, J. *see* Di Marzio, D. 92960
Wu, J. *see* Geraniotis, E. 75203
Wu, J. *see* Larson, D.J., Jr. 91419
Wu, J.-C. *see* Jou, H.-L. 53672
Wu, J.-L.C. *see* Huang, T.-Y. 85220
Wu, J.-L.C. *see* Huang, T.-Y. 96496
Wu, J.C., Wybourne, M.N., Berven, C., Goodnick, S.M., Smith, D.D. Negative differential conductance in a lateral hot-electron device 62289
Wu, J.C.-H. *see* Rubin, I. 96642
Wu, J.H. *see* Chang Shi-Shing 58975
Wu, J.H. *see* Kun-Li Wen 55019
Wu, J.K., Ang, Y.H., Lam, P.C., Moorthy, S.K., Narasimhalu, A.D. Facial image retrieval, identification, and inference system 57883
Wu, J.L. *see* Li, Q. 62074
Wu, J.M. *see* Liu, C.S. 63203
Wu, J.W. High-temperature electro-optic polymers 56295
Wu, J.W. *see* Bai, J.Z. 53324
Wu, J.W. *see* Chen, H.D. 62165
Wu, J.X. *see* Liu, X. 98761
Wu, J.Y. *see* Yu-Kang Lo 90210
Wu, K., Sadat, R., Klemer, D., Bosisio, R.G. A class of radiationless wideband coplanar waveguide open stubs for monolithic and hybrid integrated circuits 80772
Wu, K. *see* Baerg, B. 62517
Wu, K. *see* Li, J. 86069
Wu, K. *see* Li, J. 91954
Wu, K. *see* Pregla, R. 92567
Wu, K.-S. *see* Fang, Y.K. 93310
Wu, K.J. *see* Kurz, E.A. 94118
Wu, K.Y., Chen, R.M.M., Cheng, L.M., Fong, A.S. A VHDL approach to system design for multiprocessor circuit simulation 70243
Wu, L., Lee, Y.-Y., Liang, C.-K. Microstructure and properties of Cr_2O_3 doped lead titanate piezoceramics 50141
Wu, L. *see* Cao, M. 75517
Wu, L. *see* Chao, T.-H. 97592
Wu, L.-M. *see* Yu, T.-H. 69197
Wu, L.B., Wu, B.X. Adaptive selection diversity and decision feedback evaluation for mobile radio systems with cochannel interference 75316
Wu, L.L. *see* Wu, H.F. 54990
Wu, M. *see* Cheng, Z. 51031
Wu, M. *see* Garito, A. 63343
Wu, M.-C. *see* Lin, J.-F. 94291
Wu, M.C., Lin, L.-Y., Itoh, T. A new ultrafast photodetector: optical-to-microwave transformer 75999
Wu, M.C. *see* Fan, L. 83051
Wu, M.C. *see* Siou Teck Chew 95015
Wu, M.C. *see* Tsang, W.T. 72855
Wu, M.H. *see* Pham, D.T. 61037
Wu, M.K. *see* Rao, S.M. 61234
Wu, M.K.T. *see* Burnett, J. 59927
Wu, N.E. Failure sensitive residual generators for reconfigurable control systems 91151
Wu, N.E., Wang, Y.Y. Robust failure detection with parity check on filtered measurements 69631
Wu, N.J. *see* Fredricksen, H. 56190
Wu, N.J. *see* Lin, H. 71899
Wu, O.K. Status of HgCdTe MBE technology for IRFPA 61256
Wu, O.K. *see* de Lyon, T.J. 61258
Wu, P. *see* Song, H. 98790
Wu, P.H. *see* Feng, Y.J. 94033
Wu, P.K., Yang, G.-R., Ma, X.F., Lu, T.-M. Interaction of amorphous fluoropolymer with metal 71001
Wu, P.S. Reliability analysis of mechanical components in undersea lightguide communication systems 58275
Wu, P.S., Simon, T.W. Effects of dissolved gases on subcooled flow boiling from small heated regions with and without streamwise concave curvature 91074
Wu, P.S.Y. *see* Djordjevich, A. 98026
Wu, P.W., Lev-Ari, H. Linear estimation of moments for non-stationary signals 84503
Wu, Q., Chen, C.Y.R., Acken, J.M. Efficient Boolean matching algorithm for cell libraries 91753
Wu, Q. *see* Lu, Z.G. 72944
Wu, Q. *see* Yang, J. 74108
Wu, Q.-H. *see* Zhou, Z.-B. 98171
Wu, Q.-Z., Jeng, B.-S., Kuan, Y.-F., Chou, K.-S., Chen, M.-T., Su, T.-K. A new stroke string matching algorithm for stroke-based on-line character recognition 74514
Wu, Q.H., Ma, J.T. Genetic search for optimal reactive power dispatch of power systems 59759
Wu, Q.H. *see* Ma, J.T. 60185
Wu, R. *see* Halvorson, C. 83328
Wu, S., Spencer, R., Hood, R. A preliminary report on Advanced Microwave Precipitation Radiometer measurements of tropical rainfall of cyclone Oliver 77373
Wu, S. *see* Chao, E.Y. 93461
Wu, S.F., Kaiser, G.E. On hard real-time management information 74836
Wu, S.F., Mazumdar, S., Brady, S. EMOSY: an SNMP protocol object generator for the protocol independent MIB 74687
Wu, S.H. *see* Bai, J.Z. 53324
Wu, S.L. *see* Carns, T.K. 55729
Wu, S.L. *see* Wang, S.J. 62875
Wu, S.M. *see* Chen, Y.D. 52652
Wu, S.M. *see* Chen, Y.D. 87017
Wu, S.M. *see* Lu, E. 97800
Wu, S.Q. *see* Bai, J.Z. 53324
Wu, S.W., Gersho, A. Enhanced video compression with standardized bit stream syntax 74412
Wu, S.W., Gersho, A. Rate-constrained picture-adaptive quantization for JPEG baseline coders 85031
Wu, S.W. *see* Lin, W.M. 99664
Wu, S.Y., Tran, B.N., Davis, F.Y., Trent, C.L., Edberg, D.L., Geideman, W.A. Active beam vibration control using PZT actuators 71897
Wu, T. *see* Luk, W. 80267
Wu, T.-F., Yu, T.-H., Huang, H.-M. Complete analysis and performance-characteristic compromise for self-excited half-bridge parallel resonant electronic ballasts 100926
Wu, T.-F. *see* Yu, T.-H. 69197
Wu, T.C. *see* Lin, C.H. 63843

Wu, T.F., Siri, K., Banda, J. The central-limit control and impact of cable resistance in current distribution for parallel-connected DC-DC converters 100309
Wu, T.H. *see* Merry, C.J. 77421
Wu, T.K., Huang, J. Low-cost antennas for direct broadcast satellite radio 73532
Wu, T.K., Shillue, W.P. Dichroic design for the orbiting VLBI earth station antenna 58537
Wu, T.L., Chang, H.-C. Rigorous analysis of form birefringence of fused fibre couplers 63384
Wu, T.S., Ehsani, M. A versatile DC-DC and DC-AC converter with zero current soft switching 100331
Wu, T.S. *see* Ehsani, M. 68717
Wu, U.A., Chang-Hasnain, C.J., Nabiev, R. Transverse mode selection with a passive antiguide region in vertical cavity surface emitting lasers 83096
Wu, W. *see* Gu, C.L. 90012
Wu, W. *see* Schrack, G. 79629
Wu, W.M. *see* Bai, J.Z. 53324
Wu, W.W., Miller, E.F., Pritchard, W.L., Pickholtz, R.L. Mobile satellite communications 86136
Wu, W.Y., Quan, J.T., Wang, B.C. Considerations in design and protection of a 400 ampere power MOSFETs chopper 90606
Wu, X., Fang, Y.G. Fast bintree-structured image coder for high subjective quality 57899
Wu, X., York, R., Servranckx, R., Machida, S., Knox-Seith, J.F., Wienands, U. Tracking studies and machine performance simulation of the SSC Low Energy Booster 66917
Wu, X., York, R., Wienands, U., Hunter, T., Sheynin, S. Extraction system design for the SSC Low Energy Booster 66957
Wu, X. *see* Anghinolfi, F. 88228
Wu, X. *see* Borer, K. 53347
Wu, X. *see* Borer, K. 98687
Wu, X. *see* Ciszek, T.F. 100614
Wu, X. *see* Ciszek, T.F. 100619
Wu, X. *see* Lu, A. 92061
Wu, X. *see* Tsuo, Y.S. 100472
Wu, X. *see* Tsuo, Y.S. 100473
Wu, X. *see* Wang, T.H. 90411
Wu, X. *see* Xu, S. 57195
Wu, X.-D. *see* Javor, R.D. 64242
Wu, X.-D. *see* Javor, R.D. 83865
Wu, X.D., Street, R.A., Weisfield, R., Nelson, S., Young, M., Nguyen, M., Nylen, P. Imaging with page sized a-Si:H 2-dimensional sensor arrays 66470
Wu, X.D. *see* Bai, J.Z. 53324
Wu, X.D. *see* Jia, Q.X. 72235
Wu, X.D. *see* Yilmaz, S. 82712
Wu, X.D. *see* Zhang, J. 91492
Wu, X.X. *see* Kneissl, M. 94300
Wu, X.Y. *see* Zhou, F.S. 53216
Wu, Y. Modulation and channel coding for ATV terrestrial transmission 86669
Wu, Y., Champaneri, R., Mehta, P. Use of the expert system as a design tool for the cable harness design 70966
Wu, Y., Ikeda, H., Kodera, H., Yoshida, H., Shinohara, S. Optical fiber multifrequency SWFM transmission system for sending low-speed parallel data 97267
Wu, Y., Litvinenko, V.N., Madey, J.M.J. Lattice and dynamic aperture of the Duke FEL storage ring 66907
Wu, Y., Montgomery, J.H., Refsum, A., Mitchell, S.J.N., Armstrong, B.M., Gamble, H.S. Large-area shower implanter for thin-film transistors 49865
Wu, Y., van Garderen, G., Hart, R., van der Laan, J., Maas, R., Schimmel, F. Parametrization of AmPS magnets for the control system 87694
Wu, Y. *see* Burnham, B. 76695
Wu, Y. *see* Li, G. 61849
Wu, Y. *see* Maas, R. 87627
Wu, Y. *see* McLaughlin, D.J. 86545
Wu, Y. *see* Quinn, L.J. 93429
Wu, Y.-C. *see* Lee, L.-s. 84079
Wu, Y.-F. *see* Shin, N.-F. 66343
Wu, Y.-J. *see* Huang, N.-F. 96821
Wu, Y.-J.J. *see* Liu, K.J.R. 84393
Wu, Y.-L., Marek-Sadowska, M. An efficient router for 2-D field programmable gate array 49324
Wu, Y.-M. *see* Tsao, S.-H. 96270
Wu, Y.-P. *see* Lu, S.-T. 53053
Wu, Y.-P. *see* Wu, D.-S. 49533
Wu, Y.H. *see* Hsu, R.T. 62251
Wu, Y.P. *see* Chen, H.P. 92138
Wu, Y.P. *see* Liu, C.M. 62792
Wu, Y.Q., Shankar, P.M., Lewin, P.A. Characterization of ultrasonic transducers using a fiberoptic sensor 98878
Wu, Z., Sayer, M. Defect structures and fatigue in ferroelectric PZT thin films 56110
Wu, Z. *see* Sharma, A. 73054
Wu, Z. *see* Xia, G. 56762
Wu, Z. *see* Yan, X.-H. 59335
Wu, Z.C. *see* Liu, J.-M. 72353
Wu, Z.C. *see* Liu, Z.G. 70161
Wu, Z.D. *see* Bai, J.Z. 53324
Wu, Z.Q. *see* Sharma, A. 82582
Wu, Z.Y. *see* Guena, M. 63499
Wu Bai-Shi *see* Dang Fu-Xi 83292
Wu Bin *see* Bin Wu
Wu Bing, Ma Youwu, Liu Bo, Zhang Zhaoming Adjustment and measurement of a hybrid undulator 63255
Wu Bing-Fei *see* Bing-Fei Wu
Wu Bochang *see* Lin Shujie 50956
Wu Boxin *see* Boxin Wu
Wu Cangpu *see* Li Chun 80042
Wu Chai Wah *see* Chai Wah Wu
Wu Chang-Cherng *see* Chang-Cherng Wu
Wu Chang-Luen *see* Chang-Luen Wu
Wu Chao-Hui *see* Chao-Hui Wu
Wu Chen *see* Chen Wu
Wu Chen-Hsiang *see* Chen-Hsiang Wu
Wu Chen-Mie *see* Chen-Mie Wu
Wu Cheng-Juei *see* Cheng-Juei Wu
Wu Cheng-Wen *see* Cheng-Wen Wu
Wu Cheng-Yu *see* Cheng-Yu Wu
Wu Chengke *see* Xu Zhengwei 64728
Wu Chenwu *see* Chenwu Wu
Wu Chi *see* Chi Wu
Wu Chien-Hsing *see* Chien-Hsing Wu
Wu Chien-Ming *see* Chien-Ming Wu
Wu Chien-Ting *see* Chien-Ting Wu
Wu Chih *see* Chih Wu
Wu Chih-Hung *see* Chih-Hung Wu
Wu Ching-Yuan *see* Ching-Yuan Wu
Wu Chiung-Shien *see* Chiung-Shien Wu
Wu Chuankun *see* Wang Xinmei 73601
Wu Chun-Meng *see* Chun-Meng Wu
Wu Chung-Hsien *see* Chung-Hsien Wu
Wu Chung-Yu *see* Chung-Yu Wu
Wu Chunmeng *see* Chunmeng Wu
Wu Chwan-Hwa *see* Chwan-Hwa Wu
Wu Cunkai *see* Cunkai Wu
Wu Da-Jin *see* Da-Jin Wu
Wu Dong *see* Dong Wu
Wu Fenglin *see* Fenglin Wu
Wu Fengqing *see* Fengqing Wu
Wu Fengtie *see* Fengtie Wu
Wu Gang *see* Huang Yongzhang 59027
Wu Gang *see* Huang Yongzhang 92871
Wu Gang *see* Xie Jialin 72933
Wu Gang *see* Gang Wu
Wu Geng Feng *see* Iyengar, S. 74996
Wu Gengsheng *see* Gengsheng Wu
Wu Haiqing *see* Haiqing Wu
Wu Hong Ying *see* Hong Ying Wu
Wu Hongshi *see* Chen Hui 92511
Wu Horng Jyh *see* Horng Jyh Wu
Wu Hsiang-Jui *see* Hsiang-Jui Wu
Wu Hsiao-Hua *see* Hsiao-Hua Wu
Wu Hsin-Huei *see* Hsin-Huei Wu
Wu Huey-Daw *see* Huey-Daw Wu
Wu Huichun *see* Fang Qiwan 57032
Wu I-Wei *see* I-Wei Wu
Wu Ja-Ling *see* Ja-Ling Wu
Wu Janne-Wha *see* Janne-Wha Wu
Wu Jau-Ming *see* Jau-Ming Wu
Wu Jen-Ying *see* Jen-Ying Wu
Wu Jer-Shyan *see* Jer-Shyan Wu
Wu Jiali *see* Jiali Wu
Wu Jian *see* Jian Wu
Wu Jian Kang *see* Jian Kang Wu
Wu Jian-Hua, Liu Ze-Min A simple closed form solution for two-dimensional FIR system identification using higher order cumulant 74132
Wu Jian-Hua, Liu Ze-Min Overdetermined recursive instrumental variable algorithm for FIR system identification with noisy data based on polyspectra 84477
Wu Jian-Hua, Liu Ze-Min A simple closed form solution for FIR system identification using higher order statistics 84478
Wu Jian-Hua, Liu Ze-Min, Zhou Zheng LS algorithm to estimate FIR system using third and fourth order cumulants 95519
Wu Jianhong, Chen Linsen A method for increasing spectacle protective angle against laser by using double-inclination compound holographic mirrors 56841
Wu Jianhua *see* Jianhua Wu
Wu Jianhui *see* Liu Yang 87009
Wu Jianhui *see* Yu Wenxian 70804
Wu Jianjun *see* Jianjun Wu
Wu Jianmin, Li Feng, Tai, L.C. The structure and magnetic properties of $Sm_2(Fe_{1-x}Co_x)_{17-y}Al_y$ compounds 63258
Wu Jiann-Rong *see* Jiann-Rong Wu
Wu Jiannan *see* Jiannan Wu
Wu Jianping *see* Yang Jiahai 85721
Wu Jiantin *see* Jiantin Wu
Wu Jianxiang *see* Jianxiang Wu
Wu Jianxiong *see* Jianxiong Wu
Wu Jie Generation of multifunction switched current biquadratic filters 80429
Wu Jie *see* Jie Wu
Wu Jijun, Zhang Changli General situation of power semiconductor devices and power converters in China 90166
Wu Jijun *see* Feng Yu Chen 81849
Wu Jijun *see* Zhang Changli 100221
Wu Jin *see* Cao Juncheng 81759
Wu Jin *see* Jin Wu
Wu Jing *see* Zheng Jiang 81840
Wu Jing Ho *see* Nan Lei Wang 92517
Wu Jingshown *see* Jingshown Wu
Wu Jinn-Chang *see* Jinn-Chang Wu
Wu Jintong, Liang Zhicheng, Ma Xiandong, Wang Haixian Digital power system simulators applied to protective relay testing 53607
Wu Jiunn-Shyen *see* Jiunn-Shyen Wu
Wu Jun, Wang Zuoying, Ren Yansong Stochastic language models for Chinese speech recognition based on Chinese spelling 95348
Wu Jya-Syin *see* Jya-Syin Wu
Wu Ke *see* Ke Wu
Wu Ke-Chih *see* Ke-Chih Wu
Wu Ke-Li *see* Ke-Li Wu
Wu Keng *see* Keng Wu
Wu Kequin *see* Li Xinwan 92496
Wu Kim Sang *see* Sang Wu Kim
Wu Kou Tan *see* Kou Tan Wu
Wu Kou-Tan *see* Kou-Tan Wu
Wu Li, Dahn, J.R., Wainwright, D.S. Rechargeable lithium batteries with aqueous electrolytes 60423
Wu Lide *see* Wang Yung 64615
Wu Lijun *see* De Souza, R. 81031
Wu Lixue *see* Lixue Wu
Wu Lizhong *see* Lizhong Wu
Wu Longan, Wan Shuyun, Zhang Xiaoguang, Huang Jinen, Deng Xiangzhen, Lai Shouhong A high speed and high reliability drive-protection circuit for power transistor 93425
Wu Lu, Haoying Shen, Jingxin Tao, Ning Gu, Yu Wei Improved proximity correction algorithm for electron-beam lithography 81717
Wu Manqing *see* Liang Diannong 65866
Wu Meng-Chyi *see* Meng-Chyi Wu
Wu Menq-Jiun *see* Hsieh Chen-Huei 98306
Wu Minxian *see* Minxian Wu
Wu Mu-Shiang *see* Mu-Shiang Wu
Wu Nianle *see* Nianle Wu
Wu Qi *see* Wang Xiao-Hui 58976
Wu Qi Hong *see* Qi Hong Wu
Wu Qiang *see* Qiang Wu
Wu Qiming, Dang Hui, Wang Zeyi Parallel process of layout verification on a transputer system 80036
Wu Qiming *see* Yuan Yanhong 80040
Wu Qun, Deng Shaofan A microwave technique for measuring three-phase saturations in cylindrical cores 87475
Wu Qun, Deng Shaofan, Wei Qizhen Microwave effect on sterilizing bacteria (or virus) by high-power microwaves 99007
Wu Ruey-Beei *see* Ruey-Beei Wu
Wu San Lein *see* San Lein Wu
Wu Shanpei *see* Wang Shuying 84173
Wu Shenglin Some suggestions on the research work of power transmission line in China 78115
Wu Shi-Da *see* Shi-Da Wu
Wu Shianlin *see* Shianlin Wu
Wu Shianling *see* Shianling Wu
Wu Shih-Chang *see* Shih-Chang Wu
Wu Shih-Tseng *see* Shih-Tseng Wu
Wu Shilin, Wang Li Specification and verification of OSI network protocol based on high-level Petri nets 96252
Wu Shin-Tson *see* Shin-Tson Wu
Wu Shiying *see* Xu Zurun 99797
Wu Shouyuan, Zhou Xiaoxin, Zhao He, Zhang Wentao Analysis and control simulation of unified power flow controller 99645
Wu Shun *see* Shun Wu
Wu Shun-Tang *see* Shun-Tang Wu
Wu Shuo-Jye *see* Shuo-Jye Wu
Wu Shye Lin *see* Shye Lin Wu
Wu Siliang, Sun Shenghe, Ma Shufen Two-dimensional ARMA modelling of two-dimensional harmonics in white noise 64412
Wu Siliang, Sun Shenghe, Ma Shufen A new method for maximum entropy spectral estimation 84565
Wu Siliang *see* Sun Shenghe 95493
Wu Siu-Wai *see* Siu-Wai Wu
Wu Sou-Pan *see* Sou-Pan Wu
Wu Te-ho *see* Te-ho Wu
Wu Te-Kao *see* Te-Kao Wu
Wu Tien-Shou *see* Tien-Shou Wu
Wu Tse-Sung *see* Tse-Sung Wu
Wu Tsong-Ho *see* Tsong-Ho Wu
Wu Tsung-Tsong *see* Tsung-Tsong Wu
Wu Tsung-Yi *see* Tsung-Yi Wu
Wu Tzong-Chen *see* Tzong-Chen Wu
Wu Wanchun *see* Chen Hui 92511
Wu Wang Sheng *see* Wang Sheng Wu
Wu Wei, Sponner, E., Lin Jinming Field analysis for disk-type permanent-magnet generators 89865
Wu Wei *see* Wei Wu
Wu Wei Kang Design features of large permanent magnet motor 89822
Wu Wei-Han *see* He Jin-Liang 99745
Wu Weihan *see* Wang Hongli 99442
Wu Weiling *see* Wang Kaiming 97099
Wu Weishu *see* Weishu Wu
Wu Wen Ching *see* Wen Ching Wu
Wu Wen-Fa *see* Wen-Fa Wu
Wu Wen-Liang *see* Wen-Liang Wu
Wu Wen-Rong *see* Wen-Rong Wu
Wu Wen-Ruey *see* Wen-Ruey Wu
Wu Wen-Yen *see* Wen-Yen Wu
Wu Wencheng *see* Wencheng Wu
Wu Wuchen *see* Wuchen Wu
Wu Xiangyin *see* Li Xinwan 92496
Wu Xiao-Dong *see* Xiao-Dong Wu

Wu Xiaolin *see* Xiaolin Wu
Wu Xiaomiao *see* Han Zhenxiang 99443
Wu Xiaomiao *see* Han Zhenxiang 99536
Wu Xiaoping, Zhu Zuhua Measurements on electric field distribution for new types of electro-optic source device 98245
Wu Xiaoshan, Lin Zhenjin, Ji Chengzhou, Yang Xizhen Ion beam and SIMS analysis on damage of GaAs doped with N^+ 81443
Wu Xing *see* Li Shenjun 50770
Wu Xing *see* Xing Wu
Wu Xizeng *see* Xizeng Wu
Wu Xuehua, Tikhonova, A.A., Sklovsky, D.E., Kiselev, N.A., Wu Ziqin HREM study of strained CdTe layer on rough GaAs(001) substrate grown by hot wall epitaxy 70025
Wu Xunwei *see* Jin Ou 80259
Wu Ya *see* Huang Qi-Bai 59002
Wu Yen *see* Yen Wu
Wu Yen-Pei *see* Yen-Pei Wu
Wu Yi-Hong *see* Yi-Hong Wu
Wu Yi-Jang *see* Yi-Jang Wu
Wu Yi-Liang, Wang Zheng-Shi, Xiang Qun, Chen Hui-Ming A snubber circuit minimizing switching stress due to fast diode's reverse recovery 80111
Wu Yihong *see* Yihong Wu
Wu Ying-Chieh *see* Ying-Chieh Wu
Wu Ying-Ming *see* Ying-Ming Wu
Wu Yiquan, Zhu Zhaoda New algorithms for the radix-3 fast W transform (−II, III) 64403
Wu Yiquan, Zhu Zhaoda A new real-multiplier FFT algorithm 64404
Wu Yiquan *see* Yiquan Wu
Wu Yiyan *see* Yiyan Wu
Wu Yong Ge *see* Yong Ge Wu
Wu Yonggang *see* Wang Dingyi 89732
Wu Yongjian *see* Jiang Xuyang 56391
Wu You-Lin *see* You-Lin Wu
Wu Youshou *see* Li Jin 74427
Wu Yu-Chi *see* Yu-Chi Wu
Wu Yu-Liang *see* Yu-Liang Wu
Wu Yue-Huei *see* Yue-Huei Wu
Wu Yuehua *see* Yuehua Wu
Wu Yuejian *see* Yuejian Wu
Wu Yuewu *see* Hou Xuguang 77993
Wu Yung-Chun *see* Yung-Chun Wu
Wu Yung-Gi *see* Yung-Gi Wu
Wu Yung-Tsun *see* Yung-Tsun Wu
Wu Yunqiu *see* Yunqiu Wu
Wu Yusheng *see* Fu Shuti 89113
Wu Yuyan *see* Yuyan Wu
Wu Yuying *see* Yuying Wu
Wu Zhaotong *see* Zeng Weiliang 52753
Wu Zhipeng *see* Zhipeng Wu
Wu Zhong-tang *see* Cheng Xiao-liang 61201
Wu Zhonghua *see* Zhonghua Wu
Wu Zhongxi *see* Liu Zenghuang 99573
Wu Ziqin *see* Wu Xuehua 70025
Wu Zuoguo *see* Zuoguo Wu
Wu Zuotan *see* Xu Shanchun 89725
Wu-Chang Feng *see* Dolter, J. 65401
Wu-Il Lee *see* Hyo-Derk Park 52971
Wu-Mian Shen, Tomkiewicz, M., Levy-Clement, C. Impedance of porous Si 92914
Wu-Shiung Feng *see* Chun-Jung Chen 91712
Wu-Shiung Feng *see* Jyh-Herng Wang 50086
Wu-Shiung Feng *see* Jyh-Ming Wang 70383
Wu-Song Huang, Kwong, R., Katnani, A., Khojasteh, M. Evaluation of a new environmentally stable positive tone chemically amplified deep-UV resist 81616
Wuchen Wu, Held, M., Umbricht, N., Birolini, A. dv/dt induced latching failure in 1200 V/400 A halfbridge IGBT modules 61516
Wucheng Liu *see* Lizhi Liu 99528
Wuchner, F. *see* Heller, R. 82483
Wuchner, F. *see* Nakajima, H. 72261
Wudl, F. *see* Halvorson, C. 83328
Wudl, F. *see* Zhang, C. 56573
Wuensch, W. *see* Sladen, J.P.H. 76501
Wuensch, W. *see* Wilson, I. 67049
Wuenstel, K. *see* Loesch, K. 52508
Wuerthwein, F.K. *see* Alexander, J.P. 70305
Wuertz, D.B. *see* Miller, P.A. 99185
Wuidart, L. *see* Nicolai, J. 68707
Wulf, F. *see* Klaer, J. 71231
Wulf, F. *see* Scharf, S. 71222
Wulff, F.W., Ahrens, T., Hieber, H. Defects in surface mount interconnections 62018
Wulfsohn, E. Total energy management 88988
Wulich, D., Goldfeld, L. Capacity of voiceband channel with speech signal interference 73577
Wullert, J.R., II, Delfyett, P.J. Multiwavelength, multilevel optical storage using dielectric mirrors 82530
Wullert, J.R., II, Yicheng Lu Limits of the capacity and density of holographic storage 50446
Wullstein, P. *see* Schrempp, W. 59477
Wulz, C.-E. *see* Arefiev, A. 88007
Wulz, C.-E. *see* Fanti, V. 76788
Wulz, C.-E. *see* Gasparini, F. 53303
Wulz, C.-E. *see* Moers, T. 67364
Wuming Zhang *see* Zhang Wuming
Wun-Fogle, M. *see* Sandlund, L. 63171
Wunderli, P. Lightning protection elements for electronic applications 99760
Wunderlich, H.-J. *see* Hellebrand, S. 49482
Wunderlich, H.-J. *see* Hellebrand, S. 92147
Wunderlich, R.A., Ghosh, P.K. Modeling the gate more accurately for power MOSFETs 55962
Wung, C.J. *see* Kwang-Sup Lee 54994
Wunsch, R.E. *see* Anderson, V.L. 79477
Wunsche, H.-J. *see* Wenzel, H. 83121
Wunsche, P. *see* Althausen, D. 56520
Wunstel, K. *see* Dutting, K. 63791
Wuosmaa, A.H., Wilt, P., Back, B.B., Betts, R.R., Freer, M., Glagola, B.G., Happ, T., Henderson, D.J., Bearden, I.G., Zurmuhle, R.W., Balamuth, D.P., Barrow, S., Benton, D., Li, Q., Liu, Z., Miao, Y. Instrumentation of double-sided silicon strip detectors for multi-particle detection 67386
Wuosmaa, A.H. *see* Rehm, K.E. 76794
Wurfl, J. *see* Miao, J. 81462
Wurm, K., Kliese, R., Hong, Y., Rottger, B., Wei, Y., Neddermeyer, H., Tsong, I.S.T. Evolution of surface morphology of Si(100)-(2×1) during oxygen adsorption at elevated temperatures 81500
Wurmli, M.E. *see* Talaat, T.N. 68034
Wurster, J.L., Stark, H., Galatsanos, N.P. Investigation of smoothing techniques for positron emission tomography imaging 67505
Wurtele, J. *see* Barletta, B. 76636
Wurtele, J.S. Advanced accelerator concepts 98389
Wurtele, J.S. *see* Chen, S.C. 76359
Wurtele, J.S. *see* Katsouleas, T. 76372
Wurtele, J.S. *see* Lin, L.C.-L. 81123
Wurtele, J.S. *see* Yu, X.T. 87714
Wurth, B., Wehn, N. Efficient calculation of Boolean relations for multi-level logic optimization 49335
Wurthman, G. *see* Rekiouak, A. 71047
Wurthwein, F. *see* Alexander, J.P. 59072
Wurtz, L.T. GaAsFET and HEMT small-signal parameter extraction from measured S-parameters 81891
Wurtz, L.T. *see* Wheless, W.P., Jr. 82231
Wurz, A. *see* Ramacher, U. 49600
Wurz, P., Gubler, L. Impedance-matching anode for fast timing signals 53312
Wurzer, H., Mahnkopf, R., Klose, H. Annealing of degraded npn-transistors—mechanisms and modeling 49965
Wussow, N.C. Quality improvement—a progress report 54567
Wust, P. *see* Schneider, C.J. 88533
Wust, R. *see* Bazuzi, J. 85720
Wustefeld, G. *see* Jaeschke, E. 67275
Wustenhagen, U. *see* Kirby, D.G. 96869
Wuthrich, M. Comparing remote sensing data (ERS-1 C-band SAR and airborne TIR) for the derivation of the spatial distribution of soil moisture on a local scale 77469
Wuthrich, M. *see* Hobel, M. 66162
Wutte, D., Leitner, M., Winter, H.P. A 2.45-GHz electron cyclotron resonance multi-mA Li^+ ion gun for fusion plasma diagnostics 53160
Wutzke, T. *see* Meyberg, M. 76396
Wuu Hsiao-Peng *see* Hsiao-Peng Wuu
Wuu Lih-Chyau *see* Lih-Chyau Wuu
Wuyts, I., De Zutter, D. Circuit model for plane-wave incidence an multiconductor transmission lines 73415
Wuyts, I. *see* Bruneel, H. 96194
Wvong, M.D. *see* Parsi-Feraidoonian, R. 99516
Wyatt, C. *see* Brown, C. 51399
Wyatt, F.E. *see* Jackson, M.S. 58260
Wyatt, L.R. Frequency and direction resolution in HF radar ocean wave measurements 77455
Wyatt, L.R. New developments in HF radar measurement of ocean waves 99289
Wyatt, L.R. *see* Isaac, F.E. 77424
Wyatt, L.R. *see* Isaac, F.E. 99290
Wyatt, P.W. *see* Cohen, S.S. 55239
Wyatt, R., Whitley, T., Fleming, S., Szebesta, D., Williams, J.R., Davey, S.T. Noise and cross-talk characteristics of a praseodymium doped fluoride fibre amplifier 56727
Wyatt, R. *see* Davey, S.T. 56725
Wyatt, R. *see* Massicott, J.F. 63705
Wyatt, R. *see* Pataca, D.M. 63706
Wyatt, R. *see* Williams, D.L. 63344
Wybourne, M.N. *see* Wu, J.C. 62289
Wybranietz, D. A hybrid STM/ATM multi-service switch for the private communications market 86012
Wyczalek, F.A. ASPS—American suborbital passenger system 2005 99034
Wyczalek, F.A., Oman, H. Letter to Editor—electrolysis heat 54158
Wyczalek, F.A., Wang, T.C. Programmable regenerative braking for electric vehicles 54199
Wyeth, N.C. Methods of array element localization for a towed underwater acoustic array 57539
Wyk, J.D.van *see* van Wyk, J.D.
Wyke, D. *see* Shin-Puu Jeng 71760
Wylangowski, G. *see* Hewak, D.W. 56708
Wylangowski, G. *see* Hewak, D.W. 56726
Wyler, F. *see* Altwegg, L. 52592
Wyler, J. *see* Walsh, K. 76130
Wylie, M.P., Roy, S., Schmitt, R.F. Self-calibration of linear equi-spaced (LES) arrays 74105
Wyllie, E. *see* Brunnen, D.J. 65254
Wymer, S.A., Popovics, J.S., Churma, M., Hollinger, R., Howland, B., Papa, F., Shanker, B., Terosky, J. Electromagnetic fields in magnetic materials: a resource letter 64058
Wynands, H.A. *see* Hartsell, M.L. 71242
Wyncke, B. *see* Espinosa, E. 50441
Wyndham, E. *see* Chuaqui, H. 62037
Wyndrum, R., Cox, J. Total quality management takes priority at IEEE 69444
Wyndrum, R.W., Jr. *see* Cox, J. 90841
Wyner, A.D., Ziv, J. The sliding-window Lempel-Ziv algorithm is asymptotically optimal 64561
Wyner, A.D. *see* Ozarow, L.H. 65661
Wynn, H.P., Bates, R.A., Buck, R.J., Carter, A. A statistical bolt-on for robust circuit design 61463
Wynn, J.D. *see* Hong, M. 55648
Wynn, J.D. *see* Hong, M. 56770
Wynn, J.D. *see* Vakhshoori, D. 72832
Wynn, J.D. *see* Vakhshoori, D. 94515
Wynne, K., Reid, G.D., Hochstrasser, R.M. Regenerative amplification of 30-fs pulses in Ti:sapphire at 5 kHz 63722
Wyrowski, F., Zuidema, R. Diffractive interconnection between a high-power Nd:YAG laser and a fiber bundle 94581
Wyrsch, N. *see* Fischer, D. 100537
Wyrsch, N. *see* Mettler, A. 92972
Wyrwas, R. *see* Qi, H. 51791
Wyrzykowski, R., Piech, H., Kanevski, J., Lepecha, V. New algorithms for the multiplication of series of rectangular matrices and their parallel implementations 48853
Wysacki, P.F. *see* Lee, D. 86476
Wyschogrod, D., Schultz, H.B., Harman, W.H., Eggert, J.R., Sasiela, R.J., Bush, R.W. Connected components and temporal association in airport surface radar tracking 77207
Wyschogrod, D. *see* Harman, W.H. 77203
Wyschogrod, D. *see* Schultz, H.B. 77204
Wyslocki, B. *see* Olszewski, J. 50239
Wyslocki, B. *see* Plusa, D. 50217
Wyslocki, J.J., Leonowicz, M., Davies, H.A. Magnetic rotational hysteresis energy in rapidly solidified Nd-Fe-B magnets 50194
Wysmolek, A. *see* Babinski, A. 92955
Wysocki, P.F., Digonnet, M.J.F., Kim, B.Y., Shaw, H.J. Characteristics of erbium-doped superfluorescent fiber sources for interferometric sensor applications 52885
Wysocki, P.F., Lee, D., Simpson, J.R. Simple theory of gain peaking in erbium-doped amplifier chains for long-haul communications 56728
Wysocki, P.F., Simpson, J.R., Donghan Lee Prediction of gain peak wavelength for Er-doped fiber amplifiers and amplifier chains 83030
Wysocki, P.F. *see* Simpson, J.R. 56720
Wysocki, P.F. *see* Wagener, J.L. 56717
Wysocki, P.F. *see* Wagener, J.L. 56723
Wysong, R.E., Madio, D.P., Lowe, I.J. A novel eddy current compensation scheme for pulsed gradient systems 76954
Wyss, C. Progress of the LEP energy upgrade project 76536
Wyss, J. *see* Bisello, D. 59138

Xakellis, M.G., Najm, F.N. Statistical estimation of the switching activity in digital circuits 93596
Xans, P. *see* Saidi, Z. 76145
Xavier, P. *see* Ladret, D. 61867
Xavier Neto, S.P. *see* Belfort de Oliveira, A.J. 87491
Xhaohong Yang *see* Yixin Gu 100368
Xi, B. *see* Botman, J.I.M. 76696
Xi, D.M. *see* Bai, J.Z. 53324
Xi, P. *see* Gao, Z. 85122
Xi, P. *see* Gao, Z. 85123
Xi, X.X. *see* Bhattacharya, S. 66358
Xi, X.X. *see* Lai, Y.S. 100787
Xi De-Xiong *see* Janik, D. 86835
Xi Hongfei *see* Liu Guanhua 59141
Xi Jiangtao *see* Jiangtao Xi
Xi Jianping *see* Jianping Xi
Xi Jun *see* Luo Fengguang 56500
Xi Mei Zhang *see* Zhang Xi Mei
Xi Min Deng *see* Deng Xi Min
Xi Sheng Sun Live-working techniques on 220 kV long-span towers 78149
Xi Shuren *see* Shuren Xi
Xi Weiguo *see* Weiguo Xi
Xi Xu Zhen *see* Zhen Xi Xu
Xi Xuemei *see* Wang Yangyuan 82081
Xi Yao *see* Hong-Tao Sun 66249
Xi Yao *see* Shi-Mei Su 79980
Xi-Guang Zang *see* Yu, D.C. 78254
Xi-Quan Shi *see* Dahmen, W. 69877
Xi-Ren Ao *see* Dye-Jyun Ma 74672
Xi-Sheng Fang *see* O'Donnell, T. 84795
Xi-Xian Chen *see* Chen Xi-Xian
Xia, G., Wu, Z., Chen, J., Lu, Y. Carrier deficit from the nominal threshold density and mode-suppression ratio of an above-threshold biased semiconductor laser 56762

Xia, H.H., Bertoni, H.L., Maciel, L.R., Lindsay-Stewart, A., Rowe, R. Microcellular propagation characteristics for personal communications in urban and suburban environments 75347
Xia, H.H., Lindsay-Stewart, A., Rowe, R.W. Measurements for spectrum sharing between microwave and personal communications systems 86235
Xia, H.H. *see* Bertoni, H.L. 86133
Xia, H.H. *see* Feuerstein, M.J. 86096
Xia, J. A digital implementation of tape equalizers 66080
Xia, J.J., Habashy, T.M., Jin Au Kong Profile inversion in a cylindrically stratified lossy medium 83604
Xia, J.J., Kong, J.A., Shin, R.T. A macroscopic model of nonlinear constitutive relations in superconductors 93903
Xia, W. *see* Pappert, S.A. 56422
Xia, X. *see* Anzivino, G. 67353
Xia, X.-G., Kuo, C.-C.J., Suter, B.W. Improved Backus-Gilbert method for signal reconstruction with a wavelet model 57592
Xia, X.-G., Zhang, Z. Estimation of aliasing error in sampling theorem for signals not necessarily in wavelet subspaces 84274
Xia, X.M. *see* Bai, J.Z. 53324
Xia, Y.Q., Li, K.K. Development and implementation of a variable-window algorithm for high-speed and accurate digital distance protection 78183
Xia, Y.Q., Li, K.K. A developing program for test and evaluation of digital relaying algorithms 99753
Xia, Y.Q. *see* Li, K.K. 60002
Xia, Y.Q. *see* Li, K.K. 99754
Xia, Z., Saarilahti, J., Ristolainen, E., Eranen, S., Ronkainen, H., Kuivalainen, P., Paine, D., Tuomi, T. Amorphization of silicon by high dose germanium ion implantation with no external cooling mechanism 71307
Xia, Z. *see* Meassick, S. 62077
Xia, Z.P., Zhu, Z.Q., Monkhouse, P.J., Howe, D. Electromagnetic modelling of a rolling rotor actuator 54135
Xia Chunliang *see* Chunliang Xia
Xia Dao-Zhi *see* Dao-Zhi Xia
Xia Daozhi *see* Liu Yutian 77935
Xia Daozhi *see* Liu Yutian 77937
Xia Feng *see* Feng Xia
Xia Guoyi *see* Guo Wenyuan 90242
Xia Hong Wang, Conrad, H. Effect of Sn content of Pb-Sn solder alloys on wetting dynamics 61413
Xia Hongsheng, Luo Zhenhuang, He Jianxun The two-level decision making method based on satisfaction 91213
Xia Hongsheng, Luo Zhenhuang, He Jianxun Multiobjective decision making method 91214
Xia Hongxia *see* Hongxia Xia
Xia Hui *see* Hui Xia
Xia Jun, Liang Changhong A new technique for dielectric measurement of double-layered dielectric samples using a quasi-optical resonator at millimeter wave bands 87479
Xia Ming *see* Zhao Bin 56301
Xia Mu Niu *see* Niu Xia Mu
Xia Ping-Chou *see* Ahlen, S. 98641
Xia Qing, Wang Shaojun, Xiang Niande The probabilistic power system production simulation based on chronological load curve 78026
Xia Qiyu *see* Zheng Yuping 68914
Xia Shaofeng *see* Shaofeng Xia
Xia Sheng *see* Sheng Xia
Xia Wei *see* Wei Xia
Xia Wen *see* Rovetta, A. 88527
Xia Xiang-Gen *see* Xiang-Gen Xia
Xia Xin-Shun *see* Lin Jian-Yi 100382
Xia Xinshun *see* Xinshun Xia
Xia Yongping *see* Yongping Xia
Xia Yuxing *see* Yuxing Xia
Xia-Xing Xiong *see* Zhong-Min Ren 48961
Xiaguang He *see* Mitchel, W.C. 81331
Xiahua Yang Interframe predictive coding for two special cases: zooming and rotation 85200
Xian Hong *see* Hong Xian
Xian Hua Yang *see* Pregla, R. 83774
Xian Liu *see* Schrack, G. 79629
Xian Ping Lu *see* Halling, A.M. 66980
Xian yun Zeng *see* Zeng Xian yun
Xian-cheng Hu *see* Hu Xian-cheng
Xian-Da Zhang, Ying-Chang Liang, Yan-Da Li A hybrid approach to harmonic retrieval in non-Gaussian ARMA noise 95431
Xian-Da Zhang, Yuan-Sheng Zhang FIR system identification using higher order statistics alone 95399
Xian-Deng Pei *see* Pei Xian-Deng
Xian-Lin Sun *see* Parsi-Feraidoonian, R. 99516
Xian-long Hong *see* Pu-jiang Huang 80037
Xian-lu Chen *see* Chen Xian-lu
Xian-Mo Zhang *see* Carlet, C. 73718
Xian-Shan Wang, Yoshikazu Takahashi, Masayuki Iijima, Euchi Fukada Dielectric relaxation in polyurea thin films prepared by vapor deposition polymerization 93690
Xianchao Liu *see* Liu Xianchao
Xianchun Ding *see* Frank, P.M. 54620
Xianchun Jiang *see* Jiang Xianchun
Xianda Zhang *see* Zhang Xianda
Xiande Meng *see* Meng Xiande
Xiandeng Pei *see* Pei Xiandeng
Xiandong Ma *see* Ma Xiandong
Xiandong Zhang *see* Zhang Xiandong
Xianfang Haung *see* Haung Xianfang
Xiang, L. *see* Lin, Q. 94756
Xiang, N.D. *see* Zhang, B.M. 59823
Xiang, X.B., Xu, Y., Fei, X.Y., Li, B. A multi-wafers LPE technique for $Al_xGa_{1-x}As/GaAs$ heterojunction solar cells 91433
Xiang, Y.Q. *see* Gu, C.L. 89844
Xiang, Z., Bi, G. Mixed gradient based fast learning algorithm for MLP with its applications to MQAM digital mobile radio receptions 75285
Xiang Cui *see* Cui Xiang
Xiang Dong, Wei Daozheng GLOBAL: a design for random testability algorithm 55046
Xiang Dong *see* Dong Xiang
Xiang Feng *see* Feng Xiang
Xiang Gao *see* Gao Xiang
Xiang Ge Jun *see* Jun Xiang Ge
Xiang Hua *see* Fang Fuqi 99445
Xiang Niande *see* Deng Youman 99540
Xiang Niande *see* Xia Qing 78026
Xiang Qing *see* Qing Xiang
Xiang Qun *see* Wu Yi-Liang 80111
Xiang Shiqing *see* Ye Zhenhuan 73047
Xiang Wang *see* Wang Xiang
Xiang Wang Hong *see* Hong Xiang Wang
Xiang Xiaoqing *see* Xiaoqing Xiang
Xiang Xuwu *see* Xuwu Xiang
Xiang Zengjun *see* Zengjun Xiang
Xiang Zhengme *see* Zhengme Xiang
Xiang Zhigang *see* Zhigang Xiang
Xiang Zigang *see* Zigang Xiang
Xiang-Dong Liu *see* Ke-Ming Wang 93116
Xiang-Dong Liu *see* Ke-Ming Wang 93134
Xiang-Dong Yu *see* Chang-Tai Yu 81682
Xiang-Gen Xia, Kuo, C.-C.J., Zhen Zhang Wavelet coefficient computation with optimal prefiltering 74208
Xiang-Liu Jiang, Wei-Lian Guo, Yong-Mei Zhang A unified model of a poly-Si emitter transistor for various emitter structures 55920
Xiang-Ming Li, FupChang Ruan, Wing-Yan Ng, Kwok-Yin Wong Scanning optical sensor for the measurement of dissolved oxygen and BOD 98875
Xiang-Wen Chen, Hui-Zhen Li, Gui-Qing Li, Ling Qin, Zhi-Fang Zhang The design of a quasi-optics power combiner for millimeter waves 92469
Xiang-Yong Hu *see* Hu Xiang-Yong
Xiang-Zhao Wang, Akira Hirai, Kouhei Shioya, Masashi Ohkawa, Seishi Sekine, Shigeru Ando Fast and highly parallel content addressing of a large amount of information recorded in a holographic memory 56948
Xian'gang Xu, Baibiao Huang, Hongwen Ren, Minhua Jiang Smoothing effect of $GaAs/Al_xGa_{1-x}As$ superlattices grown by metalorganic vapor phase epitaxy 55627
Xiangbo Feng *see* Yuguang Fang 91360
Xiangcai Wen *see* Wen Xiangcai
Xiangchun Han *see* Zhiquan Li 66400
Xiangchun Yang *see* Fengtie Wu 56928
Xiangdong Zhang *see* Tsang-Der Ni 50835
Xiangdong Zhang *see* Tsang-Der Ni 83141
Xiangdong Zhang *see* Xuesong Zhou 91952
Xiangfu Huang *see* Huang Xiangfu
Xiangheng Wang *see* Wang Xiangheng
Xianghong Liu, Fenghua Xiong, Weidong Sun Interpolation of HIRS/2 images using AVHRR image and it's application 77285
Xiangjiu Zhang *see* Zhang Xiangjiu
Xiangkun Chen *see* Chen Xiangkun
Xiangming Yu *see* Xingping Sun 62626
Xiangnan Sheng *see* Jing Zu 98184
Xiangsheng Xu The thermistor problem with vanishing conductivity for high temperature 49679
Xiangui Yu, Loh, N.K., Jullien, G.A., Miller, W.C. The design and training of an intelligent sensor implementation 98098
Xiangui Yu *see* Jiwen Wang 57526
Xianguo Cao *see* Cao Xianguo
Xiangwan Du *see* Du Xiangwan
Xiangwu Wang *see* Wang Xiangwu
Xiangxin Zhong, Xiaosong Sun, Zhiyu Wen, Youshu Huang, Tao Xu Hybrid fiber-optical/silicon sensor for speech recognition 64326
Xiangxun Chen *see* Chen Xiangxun
Xiangyang Xu *see* Xu Xiangyang
Xiangyang Xue, Changxin Fan Index-predicted vector quantizer for image coding 85190
Xiangyang Yang, Wrigley, C.Y., Lindmayer, J. Three-dimensional optical memory based on stacked-layer electron trapping thin films 63356
Xiangyang Yang *see* Chii-Maw Uang 84731
Xiangyang Yang *see* Shaomin Zhou 82763
Xiangyin Wu *see* Wu Xiangyin
Xiangying Li *see* Anju Yao 82940
Xiangyong Wang, Weiss, A. Permutation summands over Z 61101
Xiangyun Fang *see* Fang Xiangyun
Xiangyun Tang *see* Tang Xiangyun
Xiangzhao Wang, Sasaki, O., Takebayashi, Y., Suzuki, T., Maruyama, T. Sinusoidal phase-modulating Fizeau interferometer using a self-pumped phase conjugator for surface profile measurements 87511
Xiangzhen Deng *see* Deng Xiangzhen
Xianjie Li *see* Li Xianjie
Xianjun Mao, Ruibo Wang Optical time-division multi/demultiplexer utilizing optoelectronic switches 58268
Xianli Yu *see* Yu Xianli
Xianman Xu *see* Xu Xianman
Xianmin Ma *see* Ma Xianmin
Xianmin Yi, Pochi Yeh, Gu, C. Statistical analysis of cross-talk noise and storage capacity in volume holographic memory 94668
Xianming Chen *see* Chen Xianming
Xianming Gui *see* Gui Xianming
Xianping Liu *see* Sachdev, M.S. 99762
Xianrong Chang *see* Chang Xianrong
Xianrui Huang *see* Eyssa, Y.M. 90101
Xianshu Lin *see* Lin Xianshu
Xiantang Cheng *see* Cheng Xiantang
Xianyun Luo, Zhongzhi Zhang A Monte-Carlo method applied to backscattering from wheat at X-band 77708
Xianzheng Pan *see* Gruen, D.M. 91622
Xianzhong Dai, Gretsch, R. Quasi-synchronous sampling algorithm and its applications 75894
Xianzuo Jiang *see* Jiang Xianzuo
Xiao, D.Q., Zhu, J.G., Qian, Z.H. Ferroelectric integrated thin films 93746
Xiao, G. *see* Dusa, M.V. 62567
Xiao, G. *see* Dusa, M.V. 87519
Xiao, H.H. Laser technology application in gravure printing 83415
Xiao, H.Z., Yang, L.-C., Rockett, A. Structural, optical, and electrical properties of epitaxial chalcopyrite $CuIn_3Se_5$ films 81261
Xiao, J. Automatic determination of topological contacts in the presence of sensing uncertainties 53090
Xiao, J. *see* Bai, J.Z. 53324
Xiao, N., Wu, F., Lun, S.-M. Dynamic bandwidth allocation in integrated communication networks 74873
Xiao, N., Wu, F.F., Lun, S.-M. Dynamic bandwidth allocation using infinitesimal perturbation analysis 65186
Xiao, Q.F., Ponomarev, I.Yu., Kolomitsev, A.I., Gibson, D.M., Dilmanian, F.A., Nachaliel, E. Guiding hard X-rays with glass polycapillary fiber 88297
Xiao, Q.F. *see* Chen, H. 53109
Xiao, Q.F. *see* Chen, H. 59026
Xiao, S., Toumazou, C. Second generation single and two-step GaAs switched-current cells 55351
Xiao, S. *see* Toumazou, C. 55327
Xiao, W.J. *see* Kubicki, T. 67305
Xiao, X., Sturm, J.C., Parihar, S.R., Lyon, S.A., Meyerhofer, D., Palfrey, S. $Silicide/Si_{1-x}Ge_x$ Schottky-barrier long-wavelength infrared detectors 66483
Xiao, X. *see* Higgs, V. 81320
Xiao, X. *see* Jimenez, J.R. 62654
Xiao, X. *see* Liu, Y.M. 72640
Xiao, Y., Buchman, S., Keiser, G.M., Muhlfelder, B., Turneaure, J.P., Wu, C.-H. Magnetic flux distribution on a spherical superconducting shell 52819
Xiao, Y. *see* Tsuo, Y.S. 100473
Xiao, Z., Norrman, S., Engstrom, O. A fiber optical voltage sensor prepared by micromachining and wafer bonding 58813
Xiao, Z.B. *see* Chen, W.J. 100744
Xiao Bilin, Yu Xianli The management information system of Changde power industry 99542
Xiao Bing *see* Zhu Mingzhe 68116
Xiao Chen Yong *see* Chen Yong Xiao
Xiao Chengshan *see* Chengshan Xiao
Xiao Dachuarn *see* Tao Lan 77979
Xiao Dan Pan *see* Allee, D.R. 71547
Xiao Dingquan *see* Dingquan Xiao
Xiao Dong *see* Wang Shuicai 72770
Xiao Dunhe, Qian Guohui, Sang Enfang The recognition of human faces by computer 74435
Xiao Feng Wang, Ben-Dau Tseng Image sequence coding with hybrid block operation 95954
Xiao Gang *see* Gang Xiao
Xiao Guo Zheng *see* Guo Zheng Xiao
Xiao Guozhen *see* Feng Dengguo 73623
Xiao Guozhen *see* Zhang Muxiang 69664
Xiao Guozhen *see* Zhang Muxiang 83900
Xiao Hu *see* Honma, S. 50374
Xiao Huaitie, Zhuang Zhaowen, Guo Guirong An artificial neural network approach to radar target identification in polarization domain 75634
Xiao Jiabei *see* Jiabei Xiao
Xiao Jian *see* Dai Hongwei 99616
Xiao Jiang, Gole, A.M. Energy recovery filter with variable quality factor 77990
Xiao Jilie, Gu Shusheng Robust state observer for rotor flux in induction motor 89984
Xiao Jilie *see* Gu Shusheng 89983
Xiao Liang-Zhi *see* Liang-Zhi Xiao
Xiao Liling *see* Liu Zhijun 83780
Xiao Long *see* Long Xiao
Xiao Ming Fang *see* Hong Koo Kim 72418
Xiao Ming Gao *see* Gao Xiao Ming
Xiao Ming Yuan, Hong Ying Wu, Guo Qiao Sheng, Weixun Lin Development of a novel IGBT UPS with DC triport and passive waveshaping 90180
Xiao Qi-Fan *see* Qi-Fan Xiao
Xiao Qian Zhou *see* Zhou Xiao Qian

Xiao Qun-Feng *see* Liu Wei 82256
Xiao Shujun *see* Shujun Xiao
Xiao Shunping *see* Shunping Xiao
Xiao Su, Tao Wang, Xiaoliang Xing Binary image restoration using neural network models 74422
Xiao Tong, Da-Peng Xu, Wen-Hui Su, Liang-Zhi Xiao, Shou-Tian Li, Li Han Study on surface photovoltage spectra of CdS nanocrystalline materials synthesized under high static pressure 81230
Xiao Wang *see* Yan Guo 68850
Xiao Weirong *see* Weirong Xiao
Xiao Xudong, Shi Dufang, Huang Jianlin, Han Caiyuan Application of circulating algebraic iterative relax in measuring 3D temperature distribution by holographic tomography 50974
Xiao Yang New stability test theorems for two-dimensional IIR digital filters 84479
Xiao Yang Design of three-dimensional (3-D) QMF recursive digital filter banks for HDTV 86744
Xiao Yang Zhang, Xuan San Cai, Bin Wang New mode analysis of half-bridge zero-voltage-switched multi-resonant converters (HB ZVS-MRC) 100372
Xiao Yegui *see* Yegui Xiao
Xiao Yong-gang *see* Zhou, E. 89723
Xiao Zhenxi *see* Zhenxi Xiao
Xiao Zhi He *see* Zhi He Xiao
Xiao Zhili *see* Zhili Xiao
Xiao Zhixiong *see* Zheng Jiang 81840
Xiao-Bang Xu, Xiao-Mei Yang A simple computational method for predicting magnetic field in the vicinity of a three-phase underground cable with a fluid-filled steel-pipe enclosure 89276
Xiao-Dong Huang *see* Hui Kang 56474
Xiao-Dong Ji, De-Jung Wang Neural network controller for queueing in packet switch networks 85283
Xiao-Dong Wu, Kai Chang Novel active FET circular patch antenna arrays for quasi-optical power combining 64243
Xiao-Dong Wu *see* Javor, R.D. 51254
Xiao-Fang Wang *see* Wang Xiao-Fang
Xiao-Gang Lu *see* Lu Xiao-Gang
Xiao-Guang Ye, Jian-Gang Zhu Modeling of thin-film media with advanced microstructure for ultrahigh density recording 63129
Xiao-Guang Ye *see* Jian-Gang Zhu 82271
Xiao-Hai Yan Recent development of the mixed layer remote sensing models 77492
Xiao-Hai Yan *see* Nan-Jung Kuo 88794
Xiao-Hong Chen, Qi-Hua Fan, Hong-You Chen, Ying Zhang Symmetrical magnet magnetron sputtering method for improving target utilization 79952
Xiao-Hu Yu, Yi-Sheng Zhang, Zhen-Ya He Peak component latency-corrected average method for evoked potential waveform estimation 98919
Xiao-Hu Yu, Zhen-Ya He, Yi-Sheng Zhang Time-varying adaptive filters for evoked potential estimation 98918
Xiao-Huai Chen *see* Chen Xiao-Huai
Xiao-Hui Wang *see* Wang Xiao-Hui
Xiao-Jian Wen *see* Wen Xiao-Jian
Xiao-Lei Li *see* Tsu, R. 81366
Xiao-liang Cheng *see* Cheng Xiao-liang
Xiao-Liang Yu, Buckley, K.M. Bias and variance of direction-of-arrival estimates from MUSIC, MIN-NORM, and FINE 74084
Xiao-Lin Liu *see* Liu Xiao-Lin
Xiao-Mei Tang *see* Wei-Ying Li 95302
Xiao-Mei Yang *see* Xiao-Bang Xu 89276
Xiao-Min Ding *see* Bei Zhang 72887
Xiao-Ming Xiong *see* Carragher, R.J. 80019
Xiao-Peng Liang *see* Ji-Fuh Liang 70837
Xiao-Ping Zhang, Heng Chen Sequence-Decoupled Newton-Raphson three phase load flow 99526
Xiao-Qi Bao, Ounaies, Z., Varadan, V.K., Varadan, V.V. Active noise control using piezoelectric actuator for a machine 90325
Xiao-Shan Gao, Shang-Ching Chou A zero structure theorem for differential parametric systems 54723
Xiao-Shan Gao, Shang-Ching Chou Solving parametric algebraic systems 69796
Xiao-Ying Zhu *see* Hui Kang 56474
Xiao-Zhang Zhang, Hemp, J. Measurement of pipe flow by an electromagnetic probe 75949
Xiaobai Sun *see* Bischof, C. 54769
Xiaobin Wang *see* Wang Xiaobin
Xiaobing Lee, Ya-Qin Zhang, Leon-Garcia, A. Image and video reconstruction using fuzzy logic 85202
Xiaobo Hu, D'Ambrosio, J.G., Murray, B.T., Dah-Lain Tang Codesign of architectures for automotive powertrain modules 78991
Xiaobo Jiang *see* Jiang Xiaobo
Xiaobo Ni *see* Ni Xiaobo
Xiaochuan Zhou *see* Zhou Xiaochuan
Xiaochun Ye *see* Ye Xiaochun
Xiaochun Zhang *see* Longqing He 56998
Xiaodong Che, Neal Bertram, H. Micromagnetic studies of medium noise mechanisms 72117
Xiaodong Li *see* Li Xiaodong
Xiaodong Liao *see* Sixiao Zheng 53241
Xiaodong Liao *see* Sixiao Zheng 53242
Xiaodong Liao *see* Liao Xiaodong
Xiaodong Lin *see* Willmot, G.E. 91191
Xiaodong Shi *see* Carayannis, G. 75863
Xiaodong Sun *see* Li Deng 95238
Xiaodong Tang *see* Qiying Chen 63351
Xiaodong Tang *see* Tang Xiaodong
Xiaodong Wang *see* Wang Xiaodong
Xiaodong Yin Application of genetic algorithms to multiple load flow solution problem in electrical power systems 88953
XiaoDong Zhang, ZhengMin Wang, LiQun Hu A neutral lithium beam source 53205
Xiaodong Zhang *see* Nguyen, S.T. 83624
Xiaodong Zhang *see* Zhang Xiaodong
Xiaofan Feng, Schott, J.R., Gallagher, T.W. Modeling the performance of a high-speed scan mirror for an airborne line scanner 58826
Xiaofan Liu, Shaohua Tan, Srinivasan, V., Ong, S.H. Selection of key features for invariant object recognition using fuzzy entropy 95922
Xiaofan Liu, Shaohua Tan, Srinivasan, V., Ong, S.H., Weixin Xie Fuzzy pyramid-based invariant object recognition 57869
Xiaofeng Jing *see* Minyao Mao 91472
Xiaofeng Zhang *see* Zhang Xiaofeng
Xiaogang Gu, Lipp, A. DGPS positioning using carrier phase for precision navigation 67711
Xiaogang Huang *see* Huang Xiaogang
Xiaogang Luo *see* Chiping Sun 89974
Xiaogang Luo *see* El-Antably, A. 100855
Xiaoguang Jia, Nixon, M.S. Analysing front view face profiles for face recognition via the Walsh transform 64696
Xiaoguang Zhang *see* Zhang Xiaoguang
Xiaohai He *see* He Xiaohai
Xiaohan Yu *see* Yu Xiaohan
Xiaohan Yun *see* Bogy, D.B. 72137
Xiaohang Peng, Ruyten, W.M., Friedly, V.J., Keefer, D., Quan Zhang Particle simulation of ion optics and grid erosion for two-grid and three-grid systems 53523
Xiaohang Peng, Ruyten, W.M., Friedly, V.J., Keefer, D., Zhang, Q. Particle simulation of ion optics and grid erosion for two-grid and three-grid systems 57055
Xiaohao Zhang, Gallardo, J.C. The UV-FEL at the NSLS: straight injection configuration 72936
Xiaohe Pan, Novotny, V.J. Head material effects on interface tribochemistry 72145
Xiaohong Guan, Luh, P.B., Houzhong Yen, Rogan, P. Optimization-based scheduling of hydrothermal power systems with pumped-storage units 77850
Xiaohong Guan *see* Lan Zhang 53636
Xiaohong Guan *see* Lan Zhang 77955
Xiaohong Ouyang *see* Ouyang Xiaohong
Xiaohong Wang *see* Wang Xiaohong
Xiaohu Chen *see* Chen Xiaohu
Xiaohua Cheng *see* Cheng Xiaohua
Xiaohua Jia *see* Cheng, W.C.H. 74925
Xiaohua Shen *see* Shen Xiaohua
Xiaohua Zhu *see* Zhu Xiaohua
Xiaohui Bao *see* Bao Xiaohui
Xiaohui Qin *see* Sjogren, L.B. 55425
Xiaohui Qiu, Zhaoda Zhu Mutual coupling calibration using a single source in near field 83871
Xiaohui Zhang, Descout, R., Mabilleau, P. Video communication on LANs—multimedia CSCW applications 96832
Xiaoji Zhang *see* Zhang Xiaoji
Xiaojian Liu On the stability of a Newmark's scheme-based predictor-corrector algorithm 91370
Xiaojian Shu Harmonic resonance of electrons in combined helical wiggler and axial guide fields 63894
Xiaojian Xu *see* Xu Xiaojian
Xiaojian Zhao *see* Zhao Xiaojian
Xiaojuan Niu *see* Changxi Yang 63989
Xiaojuan Niu *see* Yong Zhu 50959
Xiaojun Chen, Liqun Qi A parameterized Newton method and a quasi-Newton method for nonsmooth equations 54709
Xiaojun Fang, Anbo Wang, May, R.G., Claus, R.O. A reciprocal-compensated fiber-optic electric current sensor 98075
Xiaojun Liu *see* Ilic, M.D. 89040
Xiaojun Shen, Guogang Li A new protocol conformance test generation method and experimental results 96258
Xiaojun Sun *see* Sun Xiaojun
Xiaojun Yu, Baiyun Quan, Kenji Narita Magnetic properties of flash annealed Fe-based amorphous cores 63246
Xiaojun Zeng *see* Zeng Xiaojun
Xiaokang Huang *see* Bernstein, G.H. 90830
Xiaokui Li *see* Li Xiaokui
Xiaolei Zhu *see* Fengtie Wu 56928
Xiaoli Yu *see* Gagliardi, R. 74236
Xiaoliang Ma, Songchun Zhang, Fenglin Wu, Shuchun Yang, Shumin Shen Practical application of a cycloconverter-fed field-oriented drive of an induction motor 90690
Xiaoliang Ma *see* Ma Xiaoliang
Xiaoliang Xing *see* Xiao Su 74422
Xiaoliang Xu *see* Yixin Gu 100368
Xiaolin Liu, Tollis, I.G. Improving over-the-cell channel routing in standard cell design 92166
Xiaolin Liu *see* Qifeng Yu 64847
Xiaolin Lu, Su, C.B., Lauer, R.B., Meslener, G.J., Ulbricht, L.W. Analysis of relative intensity noise in semiconductor lasers and its effect on subcarrier multiplexed lightwave systems 75468
Xiaolin Wang *see* Abramo, A. 81195
Xiaolin Wang *see* Agostinelli, V.M., Jr. 93369
Xiaolin Wu, Kaizhong Zhang A subjective distortion measure for vector quantization 57401
Xiaolin Wu, Lian Guan Acceleration of the LBG algorithm 57361
Xiaolin Wu, Yonggang Fang Progressive image coding by hierarchical linear approximation 95859
Xiaolin Zhang *see* Zhang Xiaolin
Xiaomai Zhou *see* Zhou Xiaomai
Xiaomei Qian, Kumar, S., Vaman, D., Wakid, S., Cypher, D. Provision of isochronous service on IEEE 802.6 58143
Xiaomei Qian *see* Burr, W.E. 58141
Xiaomei Qian *see* Vaman, D.R. 85251
Xiaomei Yu *see* Yuejin Zhao 74375
Xiaomeng Lei *see* Lei Xiaomeng
Xiaomiao Wu *see* Wu Xiaomiao
Xiaomiao Zhang *see* Zhang Xiaomiao
Xiaoming Gao *see* Gao Xiaoming
Xiaoming Guan *see* Guan Xiaoming
Xiaoming Ma, Changhong Liang Effect of antireflection coating on the performance of Faraday rotators 72488
Xiaoming Wei *see* Wei Xiaoming
Xiaoming Zhang *see* Zhang Xiaoming
Xiaonan Li *see* Jenkins, P. 78821
Xiaonong Zhu Explicit Jones transformation matrix for a tilted birefringent plate with its optic axis parallel to the plate surface 63911
Xiaonong Zhu, Piche, M. Physical description of kinematic mode locking 56823
Xiaoping Gao *see* Gao Xiaoping
Xiaoping Hu, Ahuja, N. Matching point features with ordered geometric, rigidity, and disparity constraints 95723
Xiaoping Ilu, Narendra Ahuja Necessary and sufficient conditions for a unique solution of plane motion and structure 95694
Xiaoping Li, Tongwen Chen Nonlinear diffusion with multiple edginess thresholds 74583
Xiaoping Ling, Amano, H. WASMII: a multifunction programmable logic device (MPLD) with data driven control 61747
Xiaoping Wu *see* Wu Xiaoping
Xiaoping Xu A gluing technique for constructing relatively self-dual codes 57339
Xiaoping Yang *see* Andersen, D.R. 83252
Xiaoping Yang *see* Yang Xiaoping
Xiaopinh Gao, Yee, S.S. Effect of anode material on high-field-induced hole current in SiO_2 layer of metal-oxide-semiconductor field-effect transistor 93371
Xiaoqi Yu *see* Bangjiao Ye 59205
Xiaoqin Huang Effect of ohmic conduction on open circuit-heated polyethyleneterephthalate electrets 63045
Xiaoqin Li *see* Chenglu Lin 49873
Xiaoqin Xue *see* Xue Xiaoqin
Xiaoqing Hu *see* Hu Xiaoqing
Xiaoqing Xiang *see* Chang, C.L. 57038
Xiaoqing Yang, Feliachi, A. Stabilization of inter-area oscillation modes through excitation systems 59785
Xiaoqing Zhang *see* Zhang Xiaoqing
Xiaoqun Zhou, Iiyama, K., Hayashi, K. Detection scheme of coherence-multiplexed sensor signals using an optical loop with a frequency shifter: sensitivity enhancement 76013
Xiaoren Pan *see* Dachun Zhao 91607
Xiaori Fang *see* Dattatreya, G.R. 57815
Xiaoshan Wu *see* Wu Xiaoshan
Xiaosong Li, Barros, C., Vandamme, E.P., Vandamme, L.K.J. Parameter extraction and 1/f noise in a surface and a bulk-type, p-channel LDD MOSFET 81924
Xiaosong Sun *see* Xiangxin Zhong 64326
Xiaosong Zheng *see* Zheng Xiaosong
Xiaotang Ren *see* Ren Xiaotang
Xiaotian Cui, Daozheng Wei LOD: automatic generation of logic diagrams 80043
Xiaotian Shi, Ward, R.K. Reconstruction of photon-limited stellar images by generalized projections with use of the self-cross spectrum 57744
Xiaotian Shi, Ward, R.K. Reconstruction of photon-limited stellar images by generalized projections using the cross spectrum 85082
Xiaowei Chen *see* Hegde, M.V. 64312
Xiaowei Deng *see* Deng Xiaowei
Xiaowei Li, Fuqing Yang A cost-effective scheme for at-speed self-test 80266
Xiaowei Li, Fuqing Yang A cost-effective BIST scheme for embedded RAMS 80321
Xiaowei Liu *see* Liu Xiaowei
Xiaowei Shi, Yiping Han, Changhong Liang Application of a variational method for inverting the potential profile [inverse scattering] 57078
Xiaowei Sun *see* Sun Xiaowei
Xiaowei Tang *see* Tang Xiaowei
Xiaowei Yao, Lei Xu, Lanping Zhang, Jun Hu, Guoqing Ge, Peirong Gong, Yaoliang Xu, Sonling Lu, Minqian Li Piezoelectric sliding-pushing micropositioner in a scanning tunneling microscope 71883
Xiaowu Gong *see* Gong Xiaowu

Xiaoxin Zhou *see* Zhou Xiaoxin
Xiaoyan Ma *see* He, Q.B. 73043
Xiaoyan Ma *see* Xuezhou Ding 94577
Xiaoyan Ma *see* Yuheng Zhang 94590
Xiaoyin Hong, Dan Liu, Jianping Lu Effect of polymer accelerators upon development-free vapor photolithography 49930
Xiaoying Mi *see* Mi Xiaoying
Xiaoyong Li, Peifu Gu, Jinfa Tang X-ray image conversion panel 59238
Xiaoyu Li, Divakaruni, R., Jen-Tai Hsu, Prabhakar, V., Aum, P., Chan, D., Viswanathan, C.R. Effect of plasma poly etch on effective channel length and hot carrier reliability in submicron transistors 50015
Xiaoyu Li *see* Shao Yang 87194
Xiaoyu Song An efficient DM switchbox router 80026
Xiaoyu Song On the efficiency of a routing model: KKD 80060
Xiaoyu Song, Xuehou Tan An optimal channel-routing algorithm in the times square model 61479
Xiaoyuan Zhu, Millar, B., Macleod, J., Wagner, M., Fangxin Chen, Shuping Ran A comparative study of mixture-Gaussian VQ, ergodic HMMs and left-to-right HMMs for speaker recognition 95346
Xiaozhong Dang *see* Dang Xiaozhong
Xiaqi Liu *see* Fan, H. 74068
Xichang Yu *see* Yu Xichang
Xichao Mo *see* Mo Xichao
Xide Xie *see* Aiguo Fei 93292
Xide Xie *see* Lin Jiang 71172
Xide Xie *see* Xie Xide
Xide Zhou *see* Zhou Xide
Xidong Liang *see* Liang Xidong
Xie, C.G. Review of process tomography image reconstruction methods 87050
Xie, C.G., Huang, S.M., Lenn, C.P., Stott, A.L., Beck, M.S. Experimental evaluation of capacitance tomographic flow imaging systems using physical models 98359
Xie, C.G. *see* He, R. 53911
Xie, C.G. *see* Yang, W.Q. 87088
Xie, D., Parameswaran, M., Filanovsky, I. A simple CMOS power stabilizer for integrated sensor applications 91889
Xie, E.X. *see* Taunay, T. 82583
Xie, G., Ema, K., Ito, Y. Surface modification of a MCFC anode by electrodeposition of yttrium 54149
Xie, H., Kuek, S. Priority handoff analysis 75262
Xie, H., Lee, Y.C., Mahajan, R.L., Su, R. Process optimization using a fuzzy logic response surface method 61371
Xie, H., Morris, J.M. Design of orthonormal wavelets with better time-frequency resolution 57605
Xie, J. *see* Maryanski, M.J. 88614
Xie, K. *see* Flemish, J.R. 49892
Xie, K. *see* Lin, H. 71899
Xie, L. *see* Ebner, W. 90357
Xie, L. *see* Wang, Y. 68139
Xie, M. *see* Kim, K.-J. 63874
Xie, M. *see* Winick, H. 63870
Xie, M. *see* Winick, H. 83178
Xie, M.H. *see* Ohtani, N. 70004
Xie, M.H. *see* Zhang, J. 91492
Xie, P. *see* Rand, S.C. 56652
Xie, P.P. *see* Bai, J.Z. 53324
Xie, Q. *see* Madhukar, A. 54936
Xie, R. *see* Canter, K.F. 81161
Xie, S. *see* Rochon, R. 56326
Xie, S.S. *see* Mao, J.M. 71158
Xie, S.W., Jia, W.Y., Wang, P.J., Chen, Y.L. The analytic representation of the effective nonlinear coefficients for biaxial crystals in the coordinate planes 50958
Xie, S.W., Jia, W.Y., Wang, P.J., Liou, T., Chen, Y.L. The self second harmonic generation crystal NYAB pumped by the laser output of Ti^{3+}:AL_2O_3 56868
Xie, W., Cooper, J.A., Jr., Melloch, M.R., Palmour, J.W., Carter, C.H., Jr. A vertically integrated bipolar storage cell in 6H silicon carbide for nonvolatile memory applications 61712
Xie, W.X. *see* Douay, M. 63391
Xie, W.X. *see* Poignant, H. 72788
Xie, X., Albicki, A. New advances in path delay fault testing of combinational circuits 49391
Xie, X., Sudhakar, R., Zhuang, H. On improving eye feature extraction using deformable templates 57873
Xie, X.X. *see* Bai, J.Z. 53324
Xie, Y.-G., Suzuki, S., Sawada, T., Hasegawa, H. Fabrication and electrical characterization of InGaAs MISFET using ultrathin Si interface control layer 81892
Xie, Y.M., Steven, G.P. Optimal design of multiple load case structures using an evolutionary procedure 69779
Xie, Z. *see* Lu, X. 93383
Xie, Z.W. *see* Abdou, M.S.A. 81675
Xie Baoyan *see* Wang Meiyi 54126
Xie Bizheng *see* Bizheng Xie
Xie Chufang *see* Zhang Wenjun 94786
Xie Dong *see* Liu Xiao-Lin 74348
Xie Erqing *see* Erqing Xie
Xie Guilin *see* Ma Xianmin 100806
Xie Jialin, Zhuang Jiejia, Huang Yongzhang, Li Yonggui, Lin Shaobo, Mao Chengsheng, Ying Runjie, Zhong Yuanyuan, Zhang Lingyi, Wu Gang, Zhang Yuzhen, Li Lihua, Fu Ensheng, Liu Weiren The infrared laser oscillation experiment on BFEL 72933
Xie Jialin *see* Du Xiangwan 50891
Xie Juanhui *see* Juanhui Xie
Xie Lianggui, Jiang Xinfa The performance analysis of cancelling interference in digital beamforming 64413
Xie Lihua *see* Lihua Xie
Xie Mao Hai *see* Mao Hai Xie
Xie Ming *see* Ming Xie
Xie Shao-Feng *see* Fei Ye-Tai 58977
Xie Shizhong *see* Shizhong Xie
Xie Tu-Qiang *see* Tang Liang-Jing 58822
Xie Wei Yi *see* Wei Yi Xie
Xie Weimin *see* Jiang Jianguo 78709
Xie Weimin *see* Jiang Jianguo 79071
Xie Weiqing *see* Weiqing Xie
Xie Weixin *see* Weixin Xie
Xie Xide, Zhang Kaiming Recent developments in some metal/semiconductor and superlattice interfaces 93058
Xie Xide *see* Xide Xie
Xie Xue-shu *see* Xue-shu Xie
Xie Ya-Hong *see* Ya-Hong Xie
Xie Yanying, Liu Fusheng A countermeasure for the suppression of TTO using supplementary suboptimal excitation controller 68118
Xie Yi Laws of capacitance and DF change in useful life test with temperature about aluminum capacitors 80934
Xie Yigang *see* Yigang Xie
Xie Yiqing *see* Yiqing Xie
Xie Yucheng *see* Cui Xiang 90063
Xie Yuting *see* Wang Zhiliang 100171
Xie Zhenhua *see* Zhenhua Xie
Xie Zhimai *see* Chen Qiaofu 89818
Xie Zhimei, Chen Qiaofu, Meng Hao A method of monitoring the partial discharges in large generators 89813
Xie Zhimei, Meng Hao A detecting device for PD signals 89814
Xie Zong-Ning *see* Jin Xue-Jiao 58974
Xie-Hua Sun On a Ditzian-Totik theorem 54753
Xieting Ling *see* Ling Xieting
Xifan Wang, Mochizuki, T., Xu, Z. A new approach to probabilistic modeling for two interconnected systems 68099
Xifan Wang, Xiuli Wang A new approach to probabilistic modeling for two interconnected systems 59818
Xifang Chen *see* Chen Xifang
Xifu Qiang *see* Jiubin Tan 98297
Xifu Qiang *see* Wenyan Tang 87008
Xibeng Hu, Jury, E.I. On two-dimensional filter stability test 80437
Xihong Yang *see* Kurata, M. 98524
Xijin Yin *see* Yin Xijin
Xikang Zhang *see* Minyao Mao 91472
Ximing Deng *see* Fengtie Wu 56928
Xin, S. *see* Short, S.W. 54855
Xin, S.H. *see* Luo, H. 54854
Xin, Y. *see* Fan, C.-X. 70196
Xin, Z., Ouali, F.F., Challis, L.J., Cooper, J., Jezierski, A.F., Henini, M. Studies of the asymmetry of phonon emission from hot carriers in the quantum Hall regime of GaAs 62283
Xin Chen *see* Liang Fu 53112
Xin Chen Shi *see* Shi Xin Chen
Xin He *see* Hambrusch, S. 64838
Xin Huang, Kavehrad, M. A WDMA ring network with holographic wavelength-selective partial demultiplexers 86468
Xin Jian Guo *see* Jian Guo Xin
Xin Jiang *see* Chongcheng Fan 63728
Xin Jianguo, Wei Guanghui Technological development and prospect of RF transversely excited diffusively cooled CO_2 lasers 82947
Xin Jianqiang *see* Jianqiang Xin
Xin Jin *see* Jin Xin
Xin Li Hankel operators and best Hankel approximation on the half-plane 69840
Xin Li *see* Li Xin
Xin Lin *see* Lin Xin
Xin Liu *see* Liu Xin
Xin Mi *see* Xuezhou Ding 94577
Xin Peisheng *see* Xu Ning 54942
Xin Ren *see* Ren Xin
Xin Rui *see* Dai Hongwei 99616
Xin Sui *see* Sui Xin
Xin Sun *see* Sun Xin
Xin Tan *see* Guozhen Yang 57747
Xin Tao, Zhou Mingtian Implementing MHS based on TCP/IP network 85723
Xin Wei *see* Chi Sheng 62436
Xin Wei *see* Wei Xin
Xin YaoZhong, Yang QiuHeng, Xu JianFei, Yao HePing, Hu XiWen The design and implementation of the application layer protocol for real time data communications in electric power system 99529
Xin Ying-Jie *see* Ying-Jie Xin
Xin Yu *see* Genrui Cao 76077
Xin Zhao, Srihari, S.N. Word recognition using ideal word patterns 95645
Xin-Gen Ren *see* Ren Xin-Gen
Xin-Guo Zhao *see* Zhao Xin-Guo
Xin-Hua Ren *see* Ren Xin-Hua
Xin-Mei Wang, Yi-Xian Yang On the undetected error probability of nonlinear binary constant weight codes 73664
Xin-Min Yang Semistrictly convex functions 54719
Xin-Shun Xia *see* Xia Xin-Shun
Xin-yun Wang *see* Wang Xin-yun
Xinbo Ruan *see* Ruan Xinbo
Xinfa Jiang *see* Jiang Xinfa
Xinfa Zhang *see* Zhang Xinfa
Xinfeng Wang *see* Wang Xinfeng
Xing, B., Liu, H.C., Wilson, P.H., Buchanan, M., Wasilewski, Z.R., Simmons, J.G. Noise and photoconductive gain in AlGaAs/GaAs quantum well intersubband infrared photodetectors 87180
Xing, G.-C. *see* Bachmann, K.J. 61265
Xing, L., Okrent, D. The use of neural networks and a prototype expert system in BWR ATWS accidents diagnosis 68379
Xing, Q.J., Brebner, J.L., Masut, R.A., Ahmad, G., Zhao, G., Tran, C.A., Isnard, L. Strained InAs/InP quantum well heterostructure lasers grown by low-pressure metalorganic chemical vapor deposition 72891
Xing Chang Li *see* Jian Ping Wang 55491
Xing Chen, Hayes, J.F., Mehmet-Ali, M.K. Performance comparison of two input access methods for a multicast switch 57952
Xing Jianli *see* Zhao Shanqi 76106
Xing Li, Hornak, J.P. T_2 calculations in MRI: linear versus nonlinear methods 53395
Xing Ma, Chu, P.L. A new type of temperature-compensated birefringent optical fiber 87266
Xing Ping Lin, Naishadham, K. A new computationally efficient method for the analysis of planar transmission lines and complex MMIC elements 83802
Xing Ping Lin *see* Naishadham, K. 80778
Xing Qian *see* Qian Xing
Xing Wu *see* Changxi Yang 63989
Xing Wu *see* Yingwu Lian 56860
Xing Wu *see* Yong Zhu 50959
Xing Wu *see* Zhiguo Zhang 94642
Xing Wu *see* Wu Xing
Xing Xiaoliang *see* Xiaoliang Xing
Xing Yirong, Ranke, W. Si(337)−a stable and intriguing high Miller-index surface 71265
Xing Zeng Wen *see* Zeng Wen Xing
Xing Zhang *see* Dodds, D.E. 96973
Xing Zhou Regional Monte Carlo modeling of electron transport and transit-time estimation in graded-base HBT's 49964
Xing Zhou Electron transport in graded-band devices: interplay of field, composition and length dependencies 81836
Xing-De Jia On B_{2k}-sequences 79583
Xing-Ye Yue *see* Yue Xing-Ye
Xing-Yuan Li A microprocessor-based fault monitor for rotating rectifiers of brushless ac exciters using a pattern-recognition approach 100261
Xing-Yuan Li, Malik, O.P. Performance of a double-star synchronous generator with bridge rectified output 89920
Xing-Zhong Li, Da-Wei Mo, Li Zhang, Shi-Cheng Wang, Tie-Sun Kang, Liu, S.J., Wang, J. Anomalous nuclear phenomena and solid state nuclear track detector 88162
Xing-Zhu Zhang, Hong-Yan Zhang, Ting-Yang Zhou Topologies and modelling of PWM DC-DC converters 100369
Xingang Liang *see* Liang Xingang
Xingbin Gao, Yongtan Liu Simulation of microwave scattering image recognition 59445
Xingbin Gao, Yongtan Liu BP nets applied to ISAR object recognition 75633
Xingbin Gao, Yongtan Liu Feature extraction and feature selection of microwave scattering images 86558
Xingen Ren *see* Ren Xingen
Xinggang Lin *see* Lin Xinggang
Xinggang Liu *see* Rongqing Xu 57462
Xinggong Wang *see* Wang Xinggong
Xingguo Li *see* Li Xingguo
Xinghao Chen, Bushnell, M.L. Dynamic state and objective learning for sequential circuit automatic test generation using recomposition equivalence 70375
Xinghun Yang *see* Hongmei Ai 95334
Xingjiong Peng *see* Shuming Chen 80975
Xinglong Wang, Guojiang Hu, Yu Li, Jianquan Yao Numerical analysis of beam parameters and stability regions in a folded or ring cavity 72953
Xingping Sun, Xiangming Yu Analytic monotone extension of boundary data 62626
Xingqiao Luo *see* Luo Xingqiao
Xingquan Lu *see* Lu Xingquan
Xingrong Zhao *see* Zhao Xingrong
Xingshan Li *see* Xisheng Han 100385
Xingwei Yang *see* Yang Xingwei
Xingwen Liu *see* Liu Xingwen
Xingwen Zeng *see* Zeng Xingwen
Xingyi Xu *see* Bonnano, C.J. 100848
Xingyi Xu *see* Longya Xu 89985
Xingyu Zhang, Shengzhi Zhao, Qingpu Wang, Yaogang Liu, Jiyang Wang Optimization of dye Q-switched lasers 63625
Xingyuan Li *see* Li Xingyuan
Xingze Lu *see* Shihong Ma 94647

Xingzhi Zhang, Zhenguo Li, Mingwu Fan Status of CIAE medical cyclotron 76409
Xinhua Zhuang, Yan Huang Robust 3-D-3-D pose estimation 74571
Xinhua Zhuang, Yunxin Zhao, Yan Huang, Tong Huang An initial independent and highly noise-resistant fuzzy possibilistic clustering algorithm 95923
Xinhua Zhuang *see* Takada, Y. 74502
Xinhui Wang *see* Wang Xinhui
Xining Zhang *see* Ramesh, V. 74604
Xinjian Jiang *see* Yaoming Wang 90605
Xinjian Yi *see* Yi Xinjian
Xinli Gu, Kuchcinski, K., Zebo Peng Testability analysis and improvement from VHDL behavioral specifications 91749
Xinlu Deng *see* Deng Xinlu
Xinmao Pu *see* Pu Xinmao
Xinmei Wang *see* Wang Xinmei
Xinmin Zhao *see* Zhao Xinmin
Xinming Huang, Terashima, K., Tokizaki, E., Kimura, S., Whitby, E. Evaporation rates of oxides from undoped and Sb-doped Si melts under atmospheres of pure Ne, Ar, and Kr 79760
Xinming Yu, Bui, T.D., Krzyzak, A. Robust estimation for range image segmentation and reconstruction 64590
Xinping Huang, Leung, H. Auto-regressive transfer function identification using chaos 74628
Xinqiang Zhu *see* Zhu Xinqiang
Xinqiao Liu *see* Liu Xinqiao
Xinqing Sheng *see* Sheng Xinqing
Xinru Lu *see* Lu Xinru
Xinshi Ge *see* Ge Xinshi
Xinshun Xia, Jing Qiu, Pingping Zhu, Kang Li A silent IGBT-SPWM AC motor drive system 90550
Xinsong Hu *see* Hu Xinsong
Xintang Li *see* Li Xintang
Xintian Lin *see* Kroll, N.M. 87732
Xinwan Li *see* Li Xinwan
Xinxin Zhang, Seret, D. Supporting network management through distributed directory service 85523
Xinyi Liu, Mouftah, H.T. Overflow control in multicast networks 96369
Xinyi Zhang *see* Runguang Sun 72391
Xinyin Xiong *see* Xiong Xinyin
Xinyu Zhang *see* Zhang Xinyu
Xiong, F., Saoud, M. Performance analysis for a convolutionally coded DPSK meteor-burst communication system 86307
Xiong, G.C. *see* Zhu, X. 72204
Xiong, G.Y. *see* Nasar, S.A. 78656
Xiong, W., Dawalibi, F.P. Transient performance of substation grounding systems subjected to lightning and similar surge currents 78763
Xiong, W., Kula, W., Sobolewski, R., Gavaler, J.R. Laser writing: A new technique for fabrication of electronic and optoelectronic YBaCuO devices and circuits 93936
Xiong, W. *see* Dawalibi, F.P. 68917
Xiong, W. *see* Sobolewski, R. 56253
Xiong, W. *see* Sobolewski, R. 63308
Xiong, W. *see* Win Naing Maung 55381
Xiong, W. *see* Win Naing Maung 92493
Xiong, Z., Galatsanos, N.P., Orchard, M.T. Marginal analysis prioritization for image compression based on a hierarchical wavelet decomposition 85050
Xiong, Z.X. *see* Huynh, C.-L. 69644
Xiong Fenghua *see* Fenghua Xiong
Xiong Fulin *see* Fulin Xiong
Xiong Fuqin *see* Fuqin Xiong
Xiong Manli *see* Li Guangxi 53724
Xiong Qingxu, Liu Youheng Upper and lower bounds on mean value of throughput of probabilistic telecommunication network 74816
Xiong Shaozhen, Meng Zhiguo, Dai Yongping, Zhou Zhenhua, Zhang Jianjun, Mo Xichao, Li Delin, Zhao Gengshen, Xu Wenyuan High On/Off current ratio of a-Si TFT 71675
Xiong Shen-Shu *see* Zhou Zhao-Ying 95488
Xiong Xia-Xing *see* Xia-Xing Xiong
Xiong Xiao-Ming *see* Xiao-Ming Xiong
Xiong Xinyin *see* Hou Xuguang 77993
Xiong Xuming, Nie Jingsong, Ma Susen, Zhang Zhaoping, Wang Guangchang, Qin Yuying Study of the dual oscillation of XeBr and XeCl laser 72689
Xiong Yalin *see* Yalin Xiong
Xiong Yan *see* Yan Xiong
Xiong Yanqing *see* Cheng Xiaohua 89890
Xiong Yijun *see* Yijun Xiong
Xiong Yong-Zhong *see* Yong-Zhong Xiong
Xiong Yongqian *see* Zhou Libing 89889
Xiong Zhaofei *see* Zhou Xiaomai 86492
Xiong Zixiang *see* Zixiang Xiong
Xiongyan Tang, Peida Ye Long distance optical soliton propagation using lumped amplifiers with nonideal gain 56367
Xiongyan Tang, Peida Ye Generalized nonlinear coupled mode equations for ultrashort pulse propagation in optical fibers 63406
Xiongyan Tang, Peida Ye Comparison of dynamic soliton communication and path-averaged soliton communication 65813
Xiongyan Tang, Peida Ye Performance evaluation of optical soliton communication systems with lumped amplifiers 86342
Xiongyan Tang, Peida Ye Effects of random polarization dispersion on soliton propagation in optical fibers 86496
Xiongyan Tang, Ruomei Mu, Peida Ye Effect of filters on soliton collisions in WDM systems with lumped amplifiers and periodically varying dispersion 97263
Xiongyan Tang *see* Hong Wang 86494
Xiongyan Tang *see* Ruomei Mu 86495
Xiren Yu *see* Yu Xiren
Xirgo, L.R. *see* Llopis, R.P. 92027
Xirong Zhao *see* San-Qi Li 96375
Xis Chunliang *see* Chunliang Xis
Xisheng Han, Xingshan Li, Zhixiang Jiang An equivalent PWM method using Walsh series for the harmonic processing 100385
Xisheng Han *see* Lizhi Zhu 100229
Xiting Lu *see* Lu Xiting
Xiu, L., Ohnuma, S., Wang, K., Meitzler, C.R., Xu, Y. Test of the transport properties of a helical electrostatic quadrupole and quasi-octupole 76419
Xiu Chen Qi *see* Qi Xiu Chen
Xiu Lin-Cheng *see* Min Yong 59748
Xiu Muhong *see* Huang Ronghua 54253
Xiu-Juan Qiao *see* Qiao Xiu-Juan
Xiudong Sun *see* Sun Xiudong
Xiufen Gong *see* Gong Xiufen
Xiuguang Zhou *see* Zhou Xiuguang
Xiuhua Zhou *see* Zhou Xiuhua
Xiuju Liu *see* Liu Xiuju
Xiuli Wang *see* Xifan Wang 59818
Xiuli Yang *see* Yang Xiuli
Xiulian Li *see* Li Xiulian
Xiulin Zheng *see* Guifeng Zhang 56505
Xiulong Wang *see* Wang Xiulong
Xiuluan Yao *see* Yao Xiuluan
Xiumiao Zhang Rapid interpretation of the linear sweep MOS C-t transients 71247
Xiuming Guo *see* Guo Xiuming
Xiuming Li *see* Li Xiuming
Xiuming Zhou *see* Zhou Xiuming
Xiuping Jia, Richards, J.A. Efficient maximum likelihood classification for imaging spectrometer data sets 77695
Xiupu Zhang, Jorgensen, B.F., Ebskamp, F., Pedersen, R.J. Input power limits and maximum capacity in long-haul WDM lightwave systems due to stimulated Raman scattering 50943
Xiutai Yang *see* Yang Xiutai
Xiuwei Zhao *see* Zhao Xiuwei
Xiuying, G., Kan, H., Yamaguchi, T., Suzuki, I., Aoyama, M., Kumagawa, M., Rowell, N.L., Aiguo, W., Rinfret, R. Liquid phase epitaxial growth and characterization of high quality GaInAsSb/InAs for photodiodes 61264
Xiuying, G. *see* Yamaguchi, T. 62232
Xiuying Gong, Kan, H., Yamaguchi, T., Suzuki, I., Aoyama, M., Kumagawa, M., Rowell, N.L., Wang, A., Rinfret, R. Optical properties of high-quality $Ga_{1-x}In_xAs_{1-y}Sb_y$/InAs grown by liquid-phase epitaxy 56525
Xiuzhi Chen *see* Chen Xiuzhi
Xiuzhi Li, Zhongyuan Ni, Ming Chen, Haitao Ni Digitization of excitation control system for synchronous motor 89868
Xiwei Wang *see* Wang Xiwei
XiWen Hu *see* Hu XiWen
Xiwen Zhu *see* Jinquan Deng 56598
Xiwen Zhu *see* Jinquan Deng 82883
Xixian Chen *see* Shijun Yang 84167
Xixiang Xu, Yang, J.C., Guha, S. Stability studies of component cells for multijunction amorphous silicon alloy solar cells 100552
Xixiong Li *see* Li Xixiong
Xiying Hu, Lambert, J.F. Congestion control in B-ISDN based on a fluid flow dynamic model 85900
Xiyu Du *see* Hai Liu 84480
Xiyuan Peng *see* Peng Xiyuan
Xizeng Wu *see* Barnes, G.T. 53386
Xizhen Yang *see* Yang Xizhen
Xizhi Shi *see* Zhigang Feng 84575
Xu, B., Huang, T.Y., Lin, Z.W., Zu, D.X., Ma, B. A general Chinese acoustic/phonetic decoder for syllable, word and continuous speech recognition 95356
Xu, B. *see* Fan, C.-X. 70196
Xu, B. *see* Yin, Z. 54984
Xu, C.-L., Huang, W.-P., Chaudhuri, S.K., Chrostowski, J. An unconditionally stable vectorial beam propagation method for 3-D structures 50533
Xu, C.L., Huang, W.P., Chaudhuri, S.K., Chu, S.T., Chrostowski, J. Computer-aided design of optical interconnects 82861
Xu, C.L., Huang, W.P., Stern, M.S., Chaudhuri, S.K. Full-vectorial mode calculations by finite difference method 94928
Xu, C.L. *see* Tay, C.J. 61446
Xu, C.Q. *see* Mamijoh, T. 63781
Xu, C.Y. *see* Watanabe, K. 87648
Xu, D. *see* Kapoor, V.J. 80324
Xu, D.-X., Peters, C.J., Noel, J.-P., Rolfe, S.J., Tarr, N.G. Control of anomalous boron diffusion in the base of Si/SiGe/Si heterojunction bipolar transistors using PtSi 62696
Xu, G. *see* Guo, Z.Y. 87899
Xu, G. *see* Hehl, K. 65968
Xu, G. *see* Suard, B. 86167
Xu, G. *see* Tong, L. 84441
Xu, G.H. *see* Duan, B.Y. 83850
Xu, H., Chi, X. Calibration and parameter identification for laser scanning sensor 50993
Xu, H., Lu, W.-S., Antoniou, A. A new approach for the design of FIR analysis-synthesis filter banks with short reconstruction delays 80497
Xu, H., Lu, W.-S., Antoniou, A. A new design of 2-D nonseparable hexagonal quadrature-mirror filter banks 84572
Xu, H. *see* Bantly, J. 88241
Xu, H. *see* Bantly, J. 98590
Xu, H. *see* Chen, D.M. 61405
Xu, J., Koslowski, B., Moller, R., Lauger, K., Dransfeld, K., Wilson, I.H. Proposal to study the thermopower produced by a vacuum-tunneling junction 76237
Xu, J., Lambrecht, A., Tacke, M. Lead chalcogenide implanted diode lasers in CW operation above 77 K 50866
Xu, J., Steiner, K., Tacke, M. Band discontinuities in the (Pb,Eu)Se system determined by frequency-dependent admittance analysis 72810
Xu, J. *see* Adriani, O. 88023
Xu, J. *see* Wang, Z.S. 75619
Xu, J.B., Lauger, K., Dransfeld, K., Wilson, I.H. Thermal sensors for investigation of heat transfer in scanning probe microscopy 75910
Xu, J.B. *see* Hsu, C.C. 48924
Xu, J.B. *see* Hsu, C.C. 70122
Xu, J.B. *see* Hsu, C.C. 79814
Xu, J.B. *see* Hsu, C.C. 79856
Xu, J.F. *see* Li, Q. 62074
Xu, J.G. *see* Bai, J.Z. 53324
Xu, J.H., Saadate, S., Davat, B. Variable-topology simulation of static converters: a new approach 90115
Xu, J.H. *see* Lott, C. 90124
Xu, J.J., Boggs, S.A. The chemical nature of water treeing: theories and evidence 93693
Xu, J.M. *see* Yang, R.Q. 81790
Xu, J.M. *see* Zhang, Q.M. 93332
Xu, J.Z. *see* Chen, S.D. 61302
Xu, K., Kajiwara, K., Okayama, H. Error-free compression of multispectral image data using linear vector prediction 64843
Xu, L., Azimi-Sadjadi, M.R. Two-dimensional modeling of image random field using artificial neural networks 74507
Xu, L., MacAulay, C. Acquisition of low light level biological images using an image intensified CCD camera for real time quantitative analysis 76928
Xu, L., McKenzie, L. Multi-level optimisation of fixed polarity Reed-Muller expansions using Reed-Muller binary decision diagrams 49344
Xu, L., Ye, L., El-Antably, A. A new design of permanent magnet machine for flux weakening operation 69043
Xu, L. *see* Tang, Y. 68612
Xu, L. *see* Tang, Y. 68733
Xu, L. *see* Ye, L. 69048
Xu, L.A., Yang, H.L., Zhang, T., Li, W., Chen, J., Ran, Z.M. A clamp-on ultrasound cross-correlation flowmeter for liquid/solid two-phase flow measurement 66770
Xu, L.A. *see* Yu, Z.Z. 86998
Xu, M. *see* Kral, S.F. 90470
Xu, M.-G., Geiger, H., Archambault, J.-L., Reekie, L., Dakin, J.P. Novel frequency-agile interrogating system for fibre Bragg grating sensors 52891
Xu, M.G., Archambault, J.-L., Reekie, L., Dakin, J.P. Discrimination between strain and temperature effects using dual-wavelength fibre grating sensors 66409
Xu, M.L. *see* Zhang, B.M. 59823
Xu, N. *see* Sun, Z. 79962
Xu, N.S., Tzeng, Y., Latham, R.V. A diagnostic study of the field emission characteristics of individual micro-emitters in CVD diamond films 81127
Xu, Q. *see* Gu, S.Q. 56526
Xu, Q. *see* Reuter, E.E. 82812
Xu, Q.C. *see* Newnham, R.E. 99340
Xu, Q.F., Refsum, A. Analysis of some numerical models of hysteresis loops 60282
Xu, R.S. *see* Bai, J.Z. 53324
Xu, S., Maines, J. Test of a new model pole assembly for an Advanced Photon Source undulator 87891
Xu, S., Vallee, R., Zhu, L., Lessard, R.A. Index grating in multimode $LiNbO_3$ monocrystal fiber 63405
Xu, S., Wu, X., Yoneyama, T. Scattering properties of discontinuities in NRD guide 57195
Xu, S.C. *see* Tang, Y.Q. 83440
Xu, S.H. A duality approach to admission and scheduling controls of queues 91209
Xu, T.-H., Tropea, C. Improving the performance of two-component phase Doppler anemometers 76264
Xu, W., Kaveh, M. Sensitivity and robustness of eigendecomposition-based detectors 84453
Xu, W., Mansour, Y. Voltage stability analysis using generic dynamic load models 59784

Xu, W., Martinich, T.G., Sawada, J.H., Mansour, Y. Harmonics from SVC transformer saturation with direct current offset 78686
Xu, W. *see* Leadley, D.R. 81280
Xu, W. *see* Mansour, Y. 53625
Xu, W. *see* Zou, H. 84277
Xu, X., Sankaran, V.A. Power electronics in electric vehicles: challenges and opportunities 69125
Xu, X., Yugami, N., Nishida, Y., Oya, K. Traveling wave amplifier using "$V_p \times B$" effect 55518
Xu, X. *see* Banerjee, A. 100523
Xu, X. *see* Guha, S. 90415
Xu, X. *see* Guha, S. 100584
Xu, X. *see* Liang, F. 69050
Xu, X. *see* McAulay, A.D. 50648
Xu, X. *see* McAulay, A.D. 75516
Xu, X.-L., Liow, J.-S., Strother, S.C. A non-iterative linear algebraic algorithm for image reconstruction 59334
Xu, X.-L., Liow, J.-S., Strother, S.C. A novel iterative reconstruction algorithm for emission computed tomography 88461
Xu, X.-L. *see* Misra, V. 93217
Xu, X.-L. *see* Misra, V. 93430
Xu, Y. Effects of dissimilar materials on submicron linewidth measurements from phase images 87520
Xu, Y., Cohen, D., O'Connor, J., Liu, K.C., Cohen, M. Experimental study of phase shifting mask defect detection using phase shifting interferometry 71476
Xu, Y., Smith, P.M. A COM analysis of SAW waveguide-coupled resonator filters 93816
Xu, Y. *see* Ghannouchi, F.M. 76179
Xu, Y. *see* Micchelli, C.A. 95502
Xu, Y. *see* Prestin, J. 54748
Xu, Y. *see* Xiang, X.B. 91433
Xu, Y. *see* Xiu, L. 76419
Xu, Y.B., Lu, M., Jin, Q.Y., Hu, C., Miao, Y.Z., Zhai, Y., Bie, Q.S., Zhai, H.R. Interlayer coupling and spin polarization of the nonmagnetic layers in Fe/Cu and Fe/Ag CMFs 63186
Xu, Y.Z. *see* Jones, B.K. 80958
Xu, Y.Z. *see* Jones, B.K. 93269
Xu, Z., Mochizuki, T., Tanaka, Y., Hanamoto, T. A method of designing AC/DC thyristor converter current control systems by using discrete time MRAC with deterministic disturbances 90131
Xu, Z., Vandyshev, J.V., Wicks, G.W., Fauchet, P.M., Shaw, M.J., Jaros, M., Richman, B., Rella, C., Schwettman, H.A. Second harmonic generation in p-type GaAs quantum wells 94603
Xu, Z. *see* Xifan Wang 68099
Xu, Z.H. *see* Han, M.X. 99617
Xu, Z.Q. *see* Bai, J.Z. 53324
Xu, Z.Y. *see* Chen, S.D. 61302
Xu, Z.Y. *see* Lundquist, P.M. 73102
Xu, Z.Y. *see* Zhang, T.G. 94659
Xu, Z.Z. *see* Ahlen, S. 98641
Xu Baokun *see* Zhao Shanqi 76106
Xu Bingye *see* Rui Jiabai 95983
Xu Bo *see* Guang-Bao, R. 92941
Xu Bowen *see* Fu Weixing 78039
Xu Boxing Noncontact automatic measurement of rotor temperature of electric machine with application of single-chip micro-processor 89811
Xu Cai *see* Cai Xu
Xu Chang-Qing *see* Chang-Qing Xu
Xu Changsheng *see* Changsheng Xu
Xu Chengping *see* Chengping Xu
Xu Chihao *see* Chihao Xu
Xu Chongquan *see* Zhang Hongxi 73082
Xu Chongquan *see* Chongquan Xu
Xu Chunfang *see* Xu Ning 54942
Xu Da-Peng *see* Da-Peng Xu
Xu Dan *see* Dan Xu
Xu Daxiong *see* He Fengcheng 75994
Xu Dazhi *see* Dazhi Xu
Xu Dehong, Cheng Zhaoji, Bian Jingming Multiple CSI fed motor drives detected by a distributed microcomputer network 100805
Xu Deming *see* Li Xinwan 92496
Xu Dianguo *see* Wang Yan 89914
Xu Dianguo *see* Dianguo Xu
Xu Dong Shen *see* Shen Xu Dong
Xu Dong-Guo *see* Dong-Guo Xu
Xu Dongliang *see* Que Duanlin 92928
Xu Fang *see* Fang Xu
Xu Gang *see* Gang Xu
Xu Gong *see* Gong Xu
Xu Guangbao *see* Guan Zhicheng 53785
Xu Guanghan *see* Guanghan Xu
Xu Guangzhao *see* Guangzhao Xu
Xu Guangzhi *see* Guangzhi Xu
Xu Guichang *see* Du Quangang 70011
Xu Guiying *see* Wang Yongji 78486
Xu Guo Qing, Chen Yong Xiao Switched reluctance motor drives (SRD) and applying power MOSFET in the drives 90549
Xu Guo-Ping *see* Ren Xin-Gen 83080
Xu Guoping *see* Ren Xingen 63756
Xu Guoping *see* Ren Xingen 94520
Xu Guoyu *see* Liang Zhixiang 99531
Xu Guoyu *see* Luo Chunlei 68015
Xu Guoyu *see* Zhang Zongyi 53700
Xu Guoyu *see* Zhang Zongyi 89062
Xu Hanying *see* Sun Anna 98149
Xu Heping *see* Chen Xianming 89906
Xu Hong-Qing *see* Hong-Qing Xu
Xu Hongjun *see* Hongjun Xu
Xu Hongqi *see* Hongqi Xu
Xu Huan *see* Huan Xu
Xu Huaqiao *see* Zheng Yuping 68914
Xu JianFei *see* Xin YaoZhong 99529
Xu Jianping *see* Jianping Xu
Xu Jianyuan *see* Wang Euzhi 90249
Xu Jiasheng *see* Luo Wenzhe 80301
Xu Jie *see* Jie Xu
Xu Jingping *see* Chen Tao 81850
Xu Jun, Yuan Baozong Next generation of Chinese text-to-speech system 73788
Xu Jun *see* Ding Zhen-Liang 58968
Xu Jungang, Kou Jouan Radar target identification by projection method 86565
Xu Kang *see* Kang Xu
Xu Kebin *see* Zhang Hongxi 73082
Xu Kebin *see* Zhang Jingwen 73080
Xu Kebin *see* Kebin Xu
Xu Ken A false balance avoidance transductor for measuring large DC currents 87411
Xu Keshu *see* Keshu Xu
Xu Kun *see* Davies, T. 66678
Xu Lei *see* Lei Xu
Xu Li-Hong *see* Li-Hong Xu
Xu Lie *see* Lie Xu
Xu Longya *see* Longya Xu
Xu Lou *see* Lou Xu
Xu Miinfeng *see* Miinfeng Xu
Xu Minfeng *see* Minfeng Xu
Xu Ming-Yao *see* Ming-Yao Xu
Xu Mingzhen *see* Liu Xiaowei 81383
Xu Mingzhen *see* Mingzhen Xu
Xu Mingzhou *see* Mingzhou Xu
Xu Muliang *see* Deng Youman 99540
Xu Myron *see* Myron Xu
Xu Ning, Zheng Zhihao, Sun Zhuo, Zhang Xiaofeng, Xu Chunfang, Wang Peiming, Xin Peisheng Selected-area diamond deposition on Si substrates pre-treated in different ways 54942
Xu Ning *see* Sun Zhou 61348
Xu Ning *see* Ning Xu
Xu Pei-Xia, Chen Zhou, Liu Wen-Fei Wavelet analysis based multiband excited vocoder 84179
Xu Penggen *see* Lu Shu 94785
Xu Ping *see* Ping Xu
Xu Qi-Hua, Lee Mei-Yun, Zheng Yong, Qiao Yuan-Ning A new method of computing the coil impedance of an eddy current sensor 97932
Xu Qiang *see* Qiang Xu
Xu Qichang *see* Qichang Xu
Xu Qifeng, Yang Yihan, Refsum, A. External compensation of current transformers 100208
Xu Qin *see* Qin Xu
Xu Qingzhong *see* Qingzhong Xu
Xu Rongqing *see* Rongqing Xu
Xu Shanchun, Wu Zuotan, Luo Rongjie A new transposition technique of stator bars of the hydrogenerator 89725
Xu Shanjia, Sheng Xinqing, Koshiba, M. A new high-order edge-element approach 80558
Xu Shanjian, Sheng Xinqing Automatic division technique for 3-D finte-element 91392
Xu Shensheng *see* Hu Mou 61630
Xu Shi *see* Shi Xu
Xu Shiming *see* Li Sufen 78312
Xu Shiyan The new circuitry topology for high efficiency high reliability and cost effective power inversion 100379
Xu Shizhang *see* Zhou Libing 89889
Xu Shouyi, Qi Ronggang, Yu Donggang, Wang Chengxun Application of computer vision control system to kinescope filament second winder 60930
Xu Siyong *see* Siyong Xu
Xu Song Steady state analysis of synchronous generators adapted for converter operations 100113
Xu Song, Gu Guobiao Steady state analysis of synchronous generators adapted for HVDC converters 89208
Xu Songjie *see* Niu Zhendong 92136
Xu Songling The status of laser technology in lifescience development 88470
Xu Tao *see* Tao Xu
Xu Tian-Bin *see* Tian-Bin Xu
Xu Tian-bing *see* Tian-bing Xu
Xu Wang *see* Wang Xu
Xu Wei *see* Mi Xiaoying 72475
Xu Wei *see* Zhu Shouzhen 99440
Xu Weijian *see* Weijian Xu
Xu Weiwu *see* Weiwu Xu
Xu Wenbo *see* Wenbo Xu
Xu Wenlan *see* Wenlan Xu
Xu Wenli, Zhang Lihua Pose estimation problem in computer vision 74438
Xu Wenyuan *see* Xiong Shaozhen 71675
Xu Wenyuan *see* Wenyuan Xu
Xu Wilsun *see* Wilsun Xu
Xu Xian'gang *see* Xian'gang Xu
Xu Xiangsheng *see* Xiangsheng Xu
Xu Xiangyang, Chen Xueqing Index-predicted vector quantizer and its application to image coding 74268
Xu Xianman, Sun Yugeng, Yang Shan, Huang Ruji Hypergraph theory with applications 91274
Xu Xiao-Bang *see* Xiao-Bang Xu
Xu Xiaojian *see* Fan Zhengfang 86581
Xu Xiaoliang *see* Xiaoliang Xu
Xu Xiaoping *see* Xiaoping Xu
Xu Xingyi *see* Xingyi Xu
Xu Xixiang *see* Xixiang Xu
Xu Yanliang *see* Li Guangyou 89892
Xu Yansheng *see* Yansheng Xu
Xu Yaoliang *see* Yaoliang Xu
Xu Yi *see* Sun Yutian 89863
Xu Yigang *see* Wang Yaolin 97946
Xu Yinfan *see* Pan Shuming 71932
Xu Yingfan *see* Yingfan Xu
Xu Yizhuang *see* Yizhuang Xu
Xu Youfang The practical criterion of generator self excitation and its field example analysis 59677
Xu Youfang The practical criterion of generator self excitation and its field example analysis 89108
Xu Youfang *see* Fu Shuti 59825
Xu Yu-Chun *see* Yu-Chun Xu
Xu Yuan *see* Yuan Xu
Xu Yufeng *see* Yufeng Xu
Xu Yubeng *see* Zhang Hongxi 73082
Xu Yun-Sheng *see* Yun-Sheng Xu
Xu Zhang Detection of moving corners in dynamic images 95757
Xu Zhao *see* Wen-Lian Li 56528
Xu Zhen Xi *see* Zhen Xi Xu
Xu Zheng DC filter performance and its optimization of Ge-Nan ±500 kV HVDC link 53734
Xu Zheng AC equivalent approach for AC/DC power system load flow 77913
Xu Zheng The digital simulation of HVDC systems by discrete circuit model and diakoptics 78063
Xu Zhengkui *see* Zhengkui Xu
Xu Zhengquan *see* Jiang Xuyang 56391
Xu Zhengwei, Zheng Lanfang, Wu Chengke, Lu Xinru A real time object recognition system based on feature matching 64728
Xu Zhi-Zhan, Fan Pin-Zhong, Lin Li-Huang, Li Yao-Lin, Wang Xiao-Fang, Lu Pei-Xiang, Han Shen-Sheng, Li Ru-Xin, Sun Lan, Qian Ai-Di, Zhang Zheng-Quan, Zhou Jin-Zhi Experimental study of short-wavelength Li-like soft X-ray lasers 82890
Xu Zhicai *see* Chen Shanhuai 80681
Xu Zhimin *see* Ma Xianmin 100806
Xu Zhimin *see* Zhimin Xu
Xu Zhiyou, Luan Zhaowen The investigation to voltage static stability 77834
Xu Zhiyou, Luan Zhaowen The analysis and countermeasure for voltage static stability 99538
Xu Zhizhong The electronic band structures of (110)-oriented superlattices $(Al_xGa_{1-x}As)_m/(GaAs)_m$ 62240
Xu Zhongsheng *see* Fang Qiwan 57032
Xu Zhuyan Optical parametric laser—progress of tuning lasers 83026
Xu Zianzhong *see* Li Xingguo 86580
Xu Zizong *see* Han Jiaxiang 98648
Xu Zong-Ben *see* Zhang Jiang-She 69853
Xu Zong-Ben *see* Zong-Ben Xu
Xu Zurun, Wu Shiying, Yang Chaowen, Liu Haitao Factory electric power monitoring, control and management system based on microcomputers 99797
Xu-Guang Huang *see* Huang Xu-Guang
Xu-Guang Lu *see* Lu Xu-Guang
Xu-Ning Shan *see* Lall, P. 55056
Xuan, B.C. *see* Bai, J.Z. 53324
Xuan, J., Chen, G.-L., Chao, J. Organic buildup on slider leading edge tapers and its effect on wet stiction 50313
Xuan, J. *see* Chen, G.-L. 50278
Xuan, J. *see* Chen, G.-L. 50318
Xuan, Q.Y., Johns, A.T. Frequency adaptive bypass filter for controlled series compensated EHV transmission system 99600
Xuan, Q.Y., Johns, A.T., Song, Y.H. Adaptive protection technique for controllable series compensated EHV transmission systems using neural networks 59985
Xuan, Q.Y., Morgan, R., Williams, D., Song, Y.H., Johns, A.T. Adaptive protection for series compensated EHV transmission systems using neural networks 59982
Xuan, Q.Y. *see* Johns, A.T. 99638
Xuan Dai Do *see* Murere, G. 88957
Xuan Dai Do *see* Sana, A.-R. 90118
Xuan Kong, Goutsias, J. A study of pyramidal techniques for image representation and compression 64727
Xuan San Cai, Yan Dan Wang Optimal control for the PWM switching-mode power supply 91904
Xuan San Cai *see* Xiao Yang Zhang 100372
Xuan Zhong Liu *see* Liu Xuan Zhong
Xuan-Dai Do *see* Belhadj, C. 99620
Xuanjun Jia *see* Jia Xuanjun
Xuanyi Liu *see* Liu Xuanyi
Xubang Shen *see* Wenjie Ren 80034
Xubao Zhang *see* Zhang Xubao
Xubin Sun *see* Yuefeng Zhang 91883
Xudong Wang *see* Ganz, A. 75449
Xudong Wang *see* Ganz, A. 86373
Xudong Xiao *see* Xiao Xudong
Xue, F. *see* Xue, Y. 89118

Xue, H., Di, C., Jess, J.A.G. Probability analysis for CMOS floating gate faults 49327
Xue, S., Ousi-Benomar, W., Lessard, R.A. Laser beam direct writing of fine lines of α-Fe_2O_3 from metalorganic spin-coated films and transient behaviour study of laser decomposition process 63127
Xue, S.Q., Zhang, J., Zhou, Y.Q., Li, H.H., Liu, R.M., Deng, P., Shen, X.C. 1-V and 10-V Josephson junction array voltage standard at NIM 86846
Xue, S.Q. *see* Liu, R.M. 86918
Xue, S.T. *see* Bai, J.Z. 53324
Xue, W. *see* Collings, N. 56471
Xue, W. *see* Zhang, Q. 49017
Xue, W.R. *see* Wang, H. 50143
Xue, Y., Luo, Y., Xue, F., Zhu, W., Yang, K., Jiang, J. On-line transient stability assessment in operation—DEEAC in Northeast China Power System 89118
Xue, Y. *see* Zhang, Y. 88969
Xue, Y.H. *see* Hess, H.L. 60536
Xue, Y.L. *see* Weiping Zhang 72754
Xue Deng-Ping *see* Deng-Ping Xue
Xue Dong Yang, Gupta, V. An improved threshold selection method for image segmentation 85157
Xue Fangshi, Zhang Yunqiang, Zhang Lingjun, Peng Zenfu, Gao Xiang Novel behavior of hole states in δ doped sample 62134
Xue Hongxi *see* Hongxi Xue
Xue Huimin *see* Huimin Xue
Xue Hun *see* Hun Xue
Xue Jiaqi *see* Guan Zhicheng 53785
Xue Jiaqi *see* Guan Zhicheng 99696
Xue Peiqing *see* Li Gengyin 89052
Xue Qiang *see* Qiang Xue
Xue Songsheng *see* Songsheng Xue
Xue Xiangyang *see* Xiangyang Xue
Xue Xiaoqin *see* Li Xingguo 86580
Xue Yongku *see* Yang Guoshan 88129
Xue Yusheng, Chen Yi, Mu Hong A simple method for studying the influence of bus loads on power system transient stability 88972
Xue Yusheng, Li Juan, Mao Xueyan Incorporation of fast valving and generator tripping in extended equal area criterion 53681
Xue-Chuan Wang *see* Wang Xue-Chuan
Xue-Feng Leng, Leung, P., Herron, L. Adaptive compensation of frequency-selective fading in narrow band mobile communication channel 97098
Xue-Jiao Jin *see* Jin Xue-Jiao
Xue-Jun Kang *see* Chang-Chun Zhu 56496
Xue-Lun Wang, Wakahara, A., Sasaki, A. Structural characterization of AlP/GaP disordered superlattice by dynamical simulation of X-ray diffraction 93023
Xue-Ming Yuan *see* Guang-Hui Hsu 91223
Xue-shu Xie, Yan Lu Optimization control of fast turbine valve 89046
Xuebin Shang *see* Hongxi Zhang 63349
Xuecheng Zhang *see* Zhang Xuecheng
Xuechu Shen *see* Shen Xuechu
Xuechu Zhong *see* Zhong Xuechu
Xuedao Gu *see* Vaman, D.R. 85251
Xuefeng Yu *see* Yu Xuefeng
Xuefeng Yue, Zongshu Shao, Jun Chen, Yongyuan Song, Huanchu Chen Photorefractive-crystal shape-parameter influence on formation of self-pumped phase conjugation 56870
Xuegang Zeng *see* Zeng Xuegang
Xuegao An *see* Qin Zhang 68406
Xuehao Hu *see* Hu Xuehao
Xuehou Tan *see* Xiaoyu Song 61479
Xuehua Wu *see* Wu Xuehua
Xuejia Lai *see* Hohl, W. 83954
Xuejun Cai, Osterberg, P., He Yie, Gilbert, J., Senturia, S., White, J. Self-consistent electromechanical analysis of complex 3-D microelectromechanical structures using relaxation/multipole-accelerated method 66269
Xuejun Zhang *see* Liren Liu 63515
Xuejun Zhang *see* Liren Liu 74442
Xuekun Lu *see* Lu Xuekun
Xuemei Wang *see* Wang Xuemei
Xuemei Xi *see* Xi Xuemei
Xuemin Chen, Reed, I.S., Helleseth, T., Truong, T.K. Use of Grobner bases to decode binary cyclic codes up to the true minimum distance 95200
Xuemin Chen, Reed, I.S., Helleseth, T., Truong, T.K. General principles for the algebraic decoding of cyclic codes 95201
Xuemin Chen, Reed, I.S., Truong, T.K. No binary quadratic residue code of length $8m-1$ is quasi-perfect 73701
Xuemin Cheng *see* Cheng Xuemin
Xuenong He *see* He Xuenong
Xueqing Chen *see* Chen Xueqing
Xueru Zhang *see* Zhang Xueru
Xueshan Han *see* Han Xueshan
Xuesong Zhou, Daryoush, A.S. An efficient self-oscillating mixer for communications 92563
Xuesong Zhou, Xiangdong Zhang, Daryoush, A.S. A phase controlled self-oscillating mixer 91952
Xuetai Li *see* Li Xuetai
Xuewen Gan *see* Gan Xuewen
Xuexia Zhang *see* Zhang Xuexia
Xueyan Mao *see* Mao Xueyan
Xueyin Lin *see* Huiqun Liu 84685
Xueyun Chen *see* Chen Xueyun
Xuezeng Pan, Di Yan, Lingdi Ping The design and implementation of the gridless algorithm with bidirectional expansion 80041
Xuezeng Zhuang *see* Zhuang Xuezeng
Xuezheng Zhu *see* Zhu Xuezheng
Xuezhou Ding, Zhiguo Zhang, Qian Jiang, Xin Mi, Zuhe Yu, Panming Fu, Dezhong Shen, Xiaoyan Ma Observation of beating between cw lasers by time-delayed laser-induced double gratings mediated by photorefractive effect 94577
Xuguang Hou *see* Hou Xuguang
Xuhui Wen, Ruoping Yao, Tegopoulos, J.A. Transient quasi-3D method in the transient electromagnetic field calculation of end region of turbogenerator 89846
Xuming Xiong *see* Xiong Xuming
Xun Hou *see* Hou Xun
Xun Jiang, Nochetto, R.H. Effect of numerical integration for elliptic obstacle problems 61181
Xun Wang *see* Cai, W.Z. 79851
Xun Wang *see* Chi Sheng 62436
Xun Wang *see* Li, Z.S. 62496
Xun Wang *see* Qiang Xu 81179
Xun Wang *see* Wang Xun
Xun Zhang Wen *see* Wen Xun Zhang
Xun-Da Chen A microwave and millimeter-wave simulation laboratory 53578
Xung Jin-wu *see* Jin-wu Xung
Xunlang Liu *see* Wei Jiang 55692
Xunwei Wu *see* Wu Xunwei
Xuwu Xiang *see* Farrar, M.R. 77411
Xuyang Jiang *see* Jiang Xuyang
Xydeas, C., So, K. A long history quantization approach to scalar and vector quantization of LSP coefficients 73830
Xydeas, C.S., Hiotakakos, D.J., Boyd, C.A. Speech scrambling prior to LPC coding 64355
Xydeas, C.S., So, K.K.M. Improving the performance of long history scalar and vector LSP quantizers 95333
Xydeas, C.S. *see* Farrow, G.S.D. 64831
Xydis, T.G., Yagle, A.E. A filtering approach to electrocardiography volume conductor inverse source problems 77006
Xydis, T.G., Yagle, A.E. Performance bound on depth estimation of bioelectrical source 88500

y Gonzalez, E.L., Mesquita, R.C. Convergence properties of magnetostatic formulations 83476
Ya Wan *see* Tian-bing Xu 55715
Ya Wu *see* Wu Ya
Ya-Hong Xie, Fitzgerald, E.A., Monroe, D., Watson, G.P., Silverman, P.J. From relaxed GeSi buffers to field effect transistors: current status and future prospects 62739
Ya-lin Lu, Lun Mao, Nai-ben Ming Blue-light generation by frequency doubling of an 810-nm cw GaAlAs diode laser in a quasi-phase-matched $LiNbO_3$ crystal 73059
Ya-Min Lee, J. *see* Jiun Tsuen Lai 81339
Ya-Min Lee Joseph *see* Joseph Ya-Min Lee
Ya-Ming Sun *see* Guo-Zhong Zhou 77933
Ya-Qin Zhang, Yow-Jong Liu, Pickholtz, R.L. Layered image transmission over cellular radio channels 75352
Ya-Qin Zhang *see* Marafih, N.M. 57716
Ya-Qin Zhang *see* Weiping Li 84757
Ya-Qin Zhang *see* Xiaobing Lee 85202
Ya-Qiu Jin Polarimetric scattering from a layer of random clusters of small spheroids 73317
Ya-Xiang Yuan *see* Yuan Ya-Xiang
Ya-Xun Zhou *see* Zhou Ya-Xun
Yaacob, P.Z., Zina, A.A.M. Electrical energy management in small, and medium size industries 99524
Yaagoub, A. *see* Scheuermann, P. 95715
Yabe, E., Takahashi, K., Takayama, K. Large volume radiofrequency plasma source using a magnetic line-cusp field 53255
Yabe, E. *see* Nanri, K. 53253
Yabe, H. *see* Kinoshita, M. 87459
Yabe, H. *see* Marumoto, K. 81603
Yabe, H. *see* Okuyama, H. 81595
Yabe, H. *see* Yakabe, T. 87458
Yabe, T., Matsuoka, F., Sato, K., Hayakawa, S., Sato, K., Matsui, M., Aono, A., Yoshimura, H., Ishimaru, K., Gojohbori, H., Morita, S., Unno, Y., Kakumu, M., Ochii, K. High-speed and low-standby-power circuit design of 1 to 5 V operating 1 Mb full CMOS SRAM 70566
Yabe, T. *see* Ito, T. 83371
Yabiku, G.K. *see* Nayak, D.K. 62842
Yabiku, T. *see* Torizuka, K. 56695
Yablonskii, G.P. *see* Gribkovskii, V.P. 63763
Yabo Li *see* Hong Koo Kim 70098
Yabre, G. *see* Le Bihan, J. 63829
Yabukami, S. *see* Yamaguchi, K. 49690
Yabuki, A., Aoyagi, M., Tomikawa, Y., Takano, T. Piezoelectric linear motors for driving head element of CD-ROM 93768
Yabuki, A. *see* Takano, T. 99310
Yabuki, N., Miki, S. Detection and recognition of the speed limit sign in a road scene 95736
Yabumoto, N. *see* Machida, K. 55983
Yabushita, K. *see* Sakai, Y. 50348
Yabuta, A. *see* Hagio, K. 97607
Yabuta, M. *see* Makino, S. 50261
Yabuta, T. *see* Tsujimura, T. 75171
Yabuta, T. *see* Tsujimura, T. 97306
Yabuzaki, T. *see* Tanaka, U. 56755
Yacamini, R. Power system harmonics. Part 1. Harmonic sources 77890
Yacamini, R., Bronzeado, H. Transformer inrush calculations using a coupled electromagnetic model 100196
Yachi, T. *see* Kim, I.J. 55994
Yachi, T. *see* Mino, M. 91881
Yachi, T. *see* Murakami, N. 49160
Yachi, T. *see* Murakami, N. 68827
Yachi, T. *see* Murakami, N. 100258
Yachi, T. *see* Sakai, T. 100289
Yachi, T. *see* Yamashita, N. 91912
Yachida, M. *see* Mine, N. 51662
Yachnev, I.L. *see* Sidorov, A.I. 72700
Yachou, D., Gautier, J., Raynaud, C. Self-heating effects on SOI devices and implication to parameter extraction 93474
Yackinous, W. *see* Hovens, M. 85512
Yackle, C. *see* Smith, B.E. 52579
Yacoob, Y., Davis, L. Labeling of human face components from range data 96039
Yacoob, Y., Davis, L.S. Labeling of human face components from range data 95743
Yacoob, Y. *see* Rosenblum, M. 96064
Yacoub, A. *see* Batarseh, I. 100298
Yacoub, M.D. *see* Leonardo, E.J. 97103
Yacoubi, S. An electronic toll and traffic management system 65588
Yada, C. *see* Takai, M. 50251
Yada, H., Yamakoshi, T., Takino, H., Okada, K., Takeda, T. High areal density recording using an MR/inductive head and pre-embossed rigid magnetic disk 72142
Yadav, A.K. *see* Vishwakarma, S.R. 55720
Yadav, H.O., Varadarajan, T.S., Mohanty, M., Pattanaik, B.N., Patnaik, L.N. Rise and decay time kinetics of photocurrent in merocyanine dyes 94243
Yadav, H.O., Varadarajan, T.S., Mohanty, M., Pattanaik, B.N., Patnaik, L.N. Structural dependence on the photoconduction and photovoltaic behaviour of merocyanine dyes-III 94244
Yadav, R.T. *see* Banerjee, A. 98484
Yadav, S. *see* Singh, V.R. 87091
Yadav, U.S. *see* Mishra, G. 56821
Yadava, R.D.S. Expression for intrinsic carrier concentration in $Hg_{1-x}Cd_xTe$ 81241
Yadava, R.D.S. *see* Bagai, R.K. 48901
Yadigaroglu, I.-A. *see* Povel, H.P. 76080
Yadin, E. SAR autofocusing viewed as adaptive beamforming on prominent scatterers 75528
Yadlowsky, M. *see* Biernacki, P. 82876
Yadon, L. *see* Cha-Mei Tang 92878
Yadon, L. *see* Palmer, W.D. 92875
Yadong Qiu *see* Qiu Yadong
Yadvish, R.D. *see* Feygenson, A. 61914
Yadvish, R.D. *see* Martin, S. 55411
Yadvish, R.D. *see* Montgomery, R.K. 61948
Yadvish, R.D. *see* Reygenson, A. 93345
Yaeger, E., Fields, T.R. Optimising the process [PCB manufacture] 70995
Yaeger, E., Fields, T.R. A comparison of optimized process options for low, moderate, and high volume semi-aqueous cleaning 81067
Yaeger, E.K. Process considerations for batch cleaning equipment 92756
Yafan Zhang, Wise, K.D. Performance of non-planar silicon diaphragms under large deflections 66299
Yafarov, R.K., Mevlyut, Sh.T., Terent'ev, S.A. Anisotropy of high-vacuum low-energy plasma etching of silicon 55767
Yaffe, H.H., Henry, C.H., Serbin, M.R., Cohen, L.G. Resonant couplers acting as add-drop filters made with silica-on-silicon waveguide technology 72385
Yaffe, H.H. *see* Koren, U. 94197
Yaffe, M.J. *see* Fahrig, R. 88419
Yaffe, M.J. *see* Maidment, A.D.A. 67518
Yafyasov, A.M. Electrical properties of PbTe and (PbSn)Te surfaces 55585
Yagaki, T. *see* Ishiyama, M. 69236
Yagami, T. *see* Kamei, M. 54830
Yagasa, F. *see* Harada, R. 85952
Yagawa, G., Yoshimura, S. Finite element system (1)—Application of neural network and fuzzy theory to the finite element method 54794
Yager, R.R. On the RAGE aggregation method with applications to neural networks and decision making 91215
Yager, R.R., Filev, D.P. Approximate clustering via the mountain method 74483
Yager, R.R. *see* Bouchon-Meunier, B. 48753
Yaghjian, A.D. *see* Hansen, T.B. 94948
Yaghjian, A.D. *see* Hansen, T.B. 94963
Yaghjian, A.D. *see* Woodworth, M.B. 51052
Yagi, H., Yutani, N., Nakanishi, J., Kimata, M., Nunoshita, M., Seto, T., Kamei, M. Monolithic Schottky-barrier infrared image sensor with 71% fill factor 58831

Yagi, H. *see* Goto, K. 71420
Yagi, H. *see* Nishio, T. 71939
Yagi, H. *see* Sakai, T. 97883
Yagi, H. *see* Warabisako, T. 100646
Yagi, I., Ikeda, E., Kuniya, Y. Pyrolytic properties of di-*n*-butyltin(iv) diacetate as a precursor for sprayed SnO_2 thin films 79887
Yagi, K. *see* Kurata, M. 98524
Yagi, M. *see* Suzuki, T. 70037
Yagi, M. *see* Takagi, N. 61644
Yagi, N. *see* Jong-Il Park 74493
Yagi, S. *see* Hofmeister, R. 50656
Yagi, S. *see* Sakuma, K. 55752
Yagi, T., Seguchi, T., Okuda, T., Kanemitsuya, K., Furukawa, K. Life evaluation of insulating materials for electric cable by accelerated thermal-radiation combined aging. II 61978
Yagi, T. *see* Ishii, H. 75087
Yagi, T. *see* Ohki, M. 71886
Yagi, T. *see* Ohtaka, O. 48908
Yagi, T. *see* Okuda, T. 61979
Yagi, Y. *see* Arai, K. 82513
Yagi, Y. *see* Ichikawa, Y. 78753
Yagi, Y. *see* Mine, N. 51662
Yaginuma, Y., Sakauchi, M. Moving TV image analysis based on multimedia fusion focusing on extracted common concepts 95949
Yaginuma, Y. *see* Nishikado, N. 95943
Yagle, A.E. Region-of-interest tomography using the wavelet transform and angular harmonics 84905
Yagle, A.E. *see* Hsue, J.-J. 64498
Yagle, A.E. *see* Hsue, J.-J. 84272
Yagle, A.E. *see* Jin-Jen Hsue 64467
Yagle, A.E. *see* Sahiner, B. 59311
Yagle, A.E. *see* Sahiner, B. 59324
Yagle, A.E. *see* Soltanian-Zadeh, H. 53378
Yagle, A.E. *see* Soltanian-Zadeh, H. 84325
Yagle, A.E. *see* Wen-Hsien Fang 51450
Yagle, A.E. *see* Xydis, T.G. 77006
Yagle, A.E. *see* Xydis, T.G. 88500
Yago, M. *see* Zhiming Chen 94047
Yagoub, M.C.E., Baudrand, H. Optimum design of nonlinear microwave circuits 61888
Yaguchi, H. *see* Ichino, M. 64582
Yaguchi, H. *see* Kuwano, N. 70016
Yague, M.A. *see* Vidal, J.C. 98140
Yagyu, T. Support system to construct distributed communication networks 52125
Yah Chen *see* Ming Ouhyoung 58093
Yahagi, H. *see* Kobayashi, M. 98519
Yahagi, H. *see* Nakano, Y. 57896
Yahagi, N., Hatano, H., Okamura, S., Takayama, K., Tsukamoto, T. Fabrication of $PbTiO_3$ thin films on $TiSi_2$/Si and their characterization 91552
Yahagi, T., Hasan, M.K. Estimation of noise variance from noisy measurements of AR and ARMA systems: application to blind identification of linear time-invariant systems 64565
Yahagi, T. *see* Hasan, M.K. 64458
Yahagi, T. *see* Shimizu, S. 95479
Yahalom, R. Optimality of asynchronous two-party secure data-exchange protocols 65036
Yahara, M. *see* Sasaki, H. 61834
Yahara, T., Kumagai, T., Iizuka, H., Kajioka, H., Mekada, N. Fiber optic gyroscope for automobiles utilizing integrated optical gyrochip and elliptical core polarization maintaining optical fiber 76040
Yahata, A., Tholmann, K., Yamaguchi, M., Ohashi, H. New method of surface recombination velocity measurement for power device simulation 55848
Yahata, K. *see* Nishitsuji, M. 61951
Yahiaoui, A., Bouillault, F. 2D and 3D numerical computation of electrical parameters of an induction motor 89933
Yahiaoui, A., Bouillault, F. Numerical determination of electrical parameters of an induction motor 89946
Yahnke, C.J., Srajer, G., Haeffner, D.R., Mills, D.M., Assoufid, L. Germanium X-ray phase plates for the production of circularly polarized X-rays 88277
Yahya, A.M. *see* Shirkoohi, G.H. 68590
Yaita, M. *see* Kato, K. 72594
Yaita, M. *see* Nagatsuma, T. 58407
Yajian Liu *see* Liu Yajian
Yajima, H. *see* Matsubara, K. 63448
Yajima, H. *see* Mukai, S. 94540
Yajima, H. *see* Watanabe, M. 94464
Yajima, M., Yamamoto, Y., Ohki, M., Hashiguchi, S. Image processing for the extension of the depth of focus in microscopic photography 74542
Yajima, S. *see* Shirai, Y. 78842
Yajima, S. *see* Yong-Jin Kwon 55184
Yajima, T. *see* Morisue, T. 72254
Yajima, T. *see* Morisue, T. 83502
Yajun Li, Katz, J. Optimum focusing of Gaussian laser beams: beam waist shift in spot size minimization 56842
Yajun Li *see* Ande Lu 66580
Yajun Li *see* Runguang Sun 72391
Yajun Mao *see* Mao Yajun
Yakabe, T., Yabe, H. A simple adapter de-embedding method in the six-port calibration process using a scalar analyzer 87458
Yakabe, T. *see* Kinoshita, M. 87459
Yakahashi, Y. *see* Lee, S.W. 51424
Yakhin, E.A. *see* Kurnosov, N.M. 89136
Yakihara, T. *see* Miura, A. 61915
Yakihara, T. *see* Miura, A. 62711
Yakimenko, V. *see* Eidelman, Yu. 66974
Yakimov, A.V. *see* Demin, N.V. 80172
Yakimov, A.V. *see* Dmitriev, M.D. 71588
Yakimov, A.V. *see* Mladentsev, A.L. 84381
Yakimov, M.Yu. *see* Generalov, N.A. 72959
Yakimov, S.S. *see* Babichev, A.P. 66521
Yakimova, R., Amaudov, B., Evtimova, S., Paskova, T. Electron transport in Sb-doped metalorganic epitaxial GaAs grown at moderate As-rich conditions 92935
Yakimovich, A.P. Rainbow and cylindrical holograms recording in a modified Denisyuk scheme 56993
Yakimovich, A.P. Recording of rainbow holograms of color images using white light 83382
Yako, T. *see* Shinzawa, T. 71436
Yakoh, H., Ohashi, T. Portable telephone for Japanese digital cellular systems (personal digital cellular system) 86084
Yakovelev, A.B. *see* Petrusenko, I.V. 57095
Yakovenko, G.N. The possibility of liquid crystal-based internal frequency modulation of laser radiation 94204
Yakovich, A. *see* Muizhnieks, A. 100771
Yakovlenko, S.I. *see* Boichenko, A.M. 78993
Yakovlenko, S.I. *see* Karelin, A.V. 63633
Yakovlev, A., Petrov, A., Lavagno, L. A low latency asynchronous arbitration circuit 80245
Yakovlev, A. *see* Kondratyev, A. 92097
Yakovlev, A.A. *see* Kovalevskiy, V.E. 84213
Yakovlev, A.V. *see* Astakhov, D.S. 60495
Yakovlev, A.V. *see* Samoilenko, V.I. 74406
Yakovlev, E.B. *see* Veiko, V.P. 50544
Yakovlev, E.B. *see* Veiko, V.P. 50546
Yakovlev, K.N. *see* Rynkov, A.E. 64142
Yakovlev, M.E. *see* Savluk, E.A. 90000
Yakovlev, S. *see* Coleman, P. 67076
Yakovlev, S.I. *see* Baranov, V.A. 76849
Yakovlev, S.V., Grebennik, I.V. Localization of solutions of some problems of nonlinear integer optimization 69758
Yakovlev, V. *see* Nezhevenko, O. 76375
Yakovlev, V.A. Estimating the mutual interference of two sources in a multiple access channel 85270
Yakovlev, V.A. *see* Zurabyan, A.Z. 98312
Yakovlev, V.P. *see* Chand, M. 63775
Yakovlev, V.P. *see* Goren, Y. 67090
Yakovlev, V.P. *see* Kosheleva, N.E. 84338
Yakovlev, V.P. *see* Kwiatkowski, S. 67111
Yakovlev, V.V. *see* Etkin, V.S. 77464
Yakovlev, V.V. *see* Kohler, B. 83234
Yakovlev, Yu.A. *see* Malikov, V.Ya. 58938
Yakovlev, Yu.P. *see* Andaspaeva, A.A. 56572
Yakovlev, Yu.P. *see* Baranov, A.N. 56748
Yakovlev, Yu.P. *see* Danilova, T.N. 56795
Yakovlev, Yu.P. *see* Danilova, T.N. 72627
Yakovlev, Yu.P. *see* Imenkov, A.N. 56794
Yakovleva, N.V. *see* Pashagin, A.I. 55016
Yakowitz, S. *see* Kedem, B. 95369
Yakubson, K.I. Technique of determining vanadium content in oil-saturated rocks and extracted oils and using the data obtained in the process of prospecting and development of oil and bitumen 99153
Yakunin, A.N. *see* Shcherbakov, Yu.N. 88529
Yakunin, A.N. *see* Shcherbakov, Yu.N. 88530
Yakunin, V. *see* Zhgoon, S. 66359
Yakunin, V.A. *see* Evstratov, F.F. 53583
Yakushev, M.V., Neumann, H., Tomlinson, R.D., Rimmer, P., Lippold, G. Influence of proton implantation on the properties of $CuInSe_2$ single crystals (II) 49791
Yakushev, M.V. *see* Mullan, C.A. 81449
Yakushev, S.A. *see* Kononenko, A.A. 49731
Yakushev, V.F. *see* Aglietta, M. 67318
Yakushiji, K. *see* Ogita, Y. 81210
Yakymakha, O.L., Kalnibolotskij, Y.M. Very-low-frequency resonance of MOSFET amplifier parameters 71637
Yakymyshyn, C.P. *see* Duggal, A.R. 57029
Yala, S. *see* Fu, Y. 90324
Yalabik, M.C. Electronic transport through a kink in an electron waveguide 93516
Yalamanchili, P., Christou, A., Martell, S., Rust, C. C-SAM sounds the warning for IC packaging defects 69570
Yalamanchili, R., Zheng An Qiu, Yen-Chu Wang Scattering by the transition junction between a conventional and a high-temperature superconducting waveguide 70818
Yalamanchili, S. *see* Allen, J.D. 52135
Yalamanchili Raj *see* Raj Yalamanchili
Yalandin, M.I. *see* Gabanov, V.P. 90182
Yalcintas, M. *see* Han, L. 87264
Yale, K. *see* Chapman, J.W. 59148
Yali Shao *see* Shao Yali
Yali Zhou *see* Zhou Yali
Yalin Xiong, Shafer, S.A. Variable window Gabor filters and their use in focus and correspondence 74603
Yalisove, S.M. *see* Karpenko, O.P. 79793
Yalla, M. *see* Ball, G.J. 78722
Yallup, K., Creighton, O. Growing reliable gate oxides on thick film SOI substrates 93639
Yam, L. *see* Whiteley, L. 52042
Yam, Y.-O. *see* Li, C.-H. 65549
Yam, Y.F. *see* Chow, T.W.S. 78248
Yam, Y.O. *see* Cheung, C.W. 55367
Yam Yu-On *see* Cheng Chi-Wai 91928
Yam Yu-On *see* Yu-On Yam
Yama, H. *see* Sadatomi, K. 61760
Yamaashi, K. *see* Tani, M. 66073
Yamabayashi, N. *see* Iwasaki, T. 94268
Yamabayashi, Y., Tomizawa, M., Sato, Y. Direct dispersion measurement of multiple fiber section concatenated with linear amplifier repeaters 94090
Yamabayashi, Y. *see* Takara, H. 66701
Yamabayashi, Y. *see* Tomizawa, M. 86441
Yamabayashi, Y. *see* Tomizawa, M. 87568
Yamabe, K. *see* Jun-Ichi Shiozawa 54939
Yamabe, K. *see* Momose, H.S. 49980
Yamabe, T. *see* Tachibana, A. 91577
Yamabe, T. *see* Tanaka, K. 81434
Yamabuchi, T. *see* Shimoyama, R. 57410
Yamada, A. Quality improvement of ultrasonic diffraction tomography based on knowledge of background velocity 76931
Yamada, A., Abe, C., Nishimoto, Y., Yokoyama, J., Kagamizone, H. Refrigerator insulation and inner liner compounds for use with HCFC-141b 79032
Yamada, A., Otsubo, T., Asai, A., Shinone, K., Onuki, S., Ashida, M. Semiconductor optical amplifier 94535
Yamada, A., Tamada, H., Saitoh, M. Photorefractive damage in $LiNbO_3$ thin-film optical waveguides grown by liquid phase epitaxy 82628
Yamada, A. *see* Kojima, N. 91481
Yamada, A. *see* Kushiya, K. 100458
Yamada, A. *see* Lee, J.-S. 62244
Yamada, A. *see* Niki, S. 61269
Yamada, A. *see* Okamoto, T. 70058
Yamada, A. *see* Oshima, T. 69963
Yamada, A. *see* Sakamoto, K. 90915
Yamada, A. *see* Tojima, H. 71305
Yamada, A. *see* Wenas, W.W. 48998
Yamada, A. *see* Wenas, W.W. 100545
Yamada, A. *see* Wenas, W.W. 100582
Yamada, E., Nakazawa, M. Reduction of amplified spontaneous emission from a transmitted soliton signal using a nonlinear amplifying loop mirror and a nonlinear optical loop mirror 82973
Yamada, E., Suzuki, K., Nakazawa, M. Reduction of amplified spontaneous emission (ASE) noise from transmitted soliton signals with a nonlinear amplifying optical loop mirror 73015
Yamada, E. *see* Izumi, K. 80129
Yamada, E. *see* Nakazawa, M. 75509
Yamada, E. *see* Nakazawa, M. 97250
Yamada, E. *see* Tanaka, K. 89749
Yamada, E. *see* Tsuji, M. 89962
Yamada, H., Fujiwara, T., Tamada, K. High-speed photography of PMMA breakdown under ns pulse voltages 82125
Yamada, H., Hanafusa, H. Mode shape convertor produced by the thermal diffusion of different dopants 50500
Yamada, H., Hoshi, T., Takewaki, T., Shibata, T., Ohmi, T., Nitta, T. Evaluation of electromigration and stressmigration reliabilities of copper interconnects by a simple pulsed-current stressing technique 93257
Yamada, H., Ogawa, Y., Itoh, K. Scattering center estimation of a conductive sphere using a superresolution technique 51081
Yamada, H., Sano, M., Hara, T. A new auto testing system for instrument transformers 61971
Yamada, H., Sato, K., Okada, K. Switching characteristics of LD transceivers for optical TCM transmission 75458
Yamada, H., Sumomogi, T., Endo, T. New method to measure dI/dV and d^2I/dV^2 of the tunneling current-voltage characteristics 76187
Yamada, H., Yano, Y., Sakai, I. 500 MHz 32-bit CMOS RISC processor 61754
Yamada, H. *see* Doi, Y. 75083
Yamada, H. *see* Horiuchi, T. 84613
Yamada, H. *see* Horiuchi, T. 85140
Yamada, H. *see* Masuda, W. 82897
Yamada, H. *see* Mizuno, M. 70426
Yamada, H. *see* Motomura, M. 70624
Yamada, H. *see* Murabayashi, F. 49486
Yamada, H. *see* Nomura, M. 49485
Yamada, H. *see* Okuda, T. 56798
Yamada, H. *see* Saito, H. 65523
Yamada, H. *see* Suematu, Y. 98112
Yamada, H. *see* Suzuki, K. 92288
Yamada, H. *see* Takada, K. 82562
Yamada, H. *see* Takada, K. 96933
Yamada, H. *see* Takada, R. 82634
Yamada, H. *see* Tanaka, S. 49489
Yamada, H. *see* Tanaka, S. 70666
Yamada, H. *see* Tojo, T. 58604
Yamada, H. *see* Ueki, N. 51613
Yamada, H. *see* Wakiwaka, H. 58443
Yamada, H. *see* Yamaguchi, H. 90593
Yamada, H. *see* Yamaguchi, M. 54139
Yamada, H. *see* Yamanaka, H. 75161
Yamada, I., Sakaniwa, K., Tsujii, S. A multidimensional isomorphic operator and its properties—a proposal of finite-extent multidimensional cepstrum 74080

Yamada, I. *see* Kurosawa, K. 49553
Yamada, J. Video CDs adopt data compression technologies, usher in multimedia market 97682
Yamada, J. *see* Matsuya, Y. 50092
Yamada, J. *see* Matsuya, Y. 92327
Yamada, K., Kuriyama, T. A novel degree of freedom separation technique in a multi-axis accelerometer 66243
Yamada, K., Kuriyama, T. FEM analysis for single-chip multiaxial servo accelerometer 87144
Yamada, K., Nakagawa, T., Nakamura, K. Powder transportation by unidirectional ultrasound radiated from a pair of phase-shifted bending vibrators 99361
Yamada, K., Nakagawa, T., Nakamura, K. Powder transportation by unidirectional ultrasound radiated from a pair of phase-shifted bending vibrators 99377
Yamada, K., Nakamura, K. Quasi-nondiffracting beam of Hankel type produced by weighted conical ultrasound transducers 53560
Yamada, K., Tanaka, A., Shinohara, H., Honda, M., Hatada, T., Yamagiwa, A., Shirai, Y. A CPU chip-on-board module 92299
Yamada, K., Tasei, K., Nakamura, K. Fabrication of weighted conical transducer for generation of quasi-nondiffracting beam 77743
Yamada, K., Todoriki, Y., Nakamura, K., Takagi, Y. Car audio system using digital signal processing techniques 75790
Yamada, K., Tomita, K., Ohmi, T. Formation of metal silicide-silicon contact with ultralow contact resistance by silicon-capping silicidation technique 62534
Yamada, K., Tomita, K., Ohmi, T. Ultra-low contact resistance metallization by a silicidation technology employing a silicon capping layer for protection against contamination 71434
Yamada, K. *see* Ching-Ju Wen 78826
Yamada, K. *see* Fan, R. 96913
Yamada, K. *see* Higuchi, K. 55289
Yamada, K. *see* Hosokawa, T. 87639
Yamada, K. *see* Kubota, T. 90058
Yamada, K. *see* Nakajima, M. 87746
Yamada, K. *see* Ohgaki, H. 87963
Yamada, K. *see* Ohguro, T. 93405
Yamada, K. *see* Ohta, N. 92029
Yamada, K. *see* Sakagami, E. 61697
Yamada, K. *see* Satoh, J. 61683
Yamada, K. *see* Shichijyo, S. 73057
Yamada, K. *see* Tanaka, A. 54539
Yamada, K. *see* Yamamoto, K. 51229
Yamada, K. *see* Yamazaki, T. 94544
Yamada, K. *see* Yoshikawa, K. 61725
Yamada, M. Coding of multimedia information 51924
Yamada, M. Variation of intensity noise and frequency noise with the spontaneous emission factor in semiconductor lasers 72860
Yamada, M., Honda, H., Oda, T. Digital cellular mobile communication switching systems 52347
Yamada, M., Ide, Y. Direct observation of species liberated from GaAs native oxides during atomic hydrogen cleaning 55755
Yamada, M., Miyata, M., Kawaguchi, T. On the statistical parameter space constructed by joint probability density functions and its applications 69668
Yamada, M., Nada, N., Yamaguchi, T., Saitoh, M., Watanabe, K. A quasi-phasematched waveguide for the blue second-harmonic-generation 73118
Yamada, M., Shimizu, M., Ohishi, Y., Horiguchi, M., Sudo, S., Shimizu, A. Flattening the gain spectrum of an erbium-doped fibre amplifier by connecting an Er^{3+}-doped SiO_2-Al_2O_3 fibre and an Er^{3+}-doped multicomponent fibre 94410
Yamada, M., Tanaka, T. Open Document Processor for document conferencing application 65446
Yamada, M., Watanabe, K. A sensor signal processor 97938
Yamada, M. *see* Chan, K.P. 98811
Yamada, M. *see* Genji, T. 78746
Yamada, M. *see* Horiguchi, M. 63748
Yamada, M. *see* Ide, Y. 93220
Yamada, M. *see* Ide, Y. 93282
Yamada, M. *see* Kato, Y. 100921
Yamada, M. *see* Kikuchi, T. 58213
Yamada, M. *see* Kikushima, K. 52571
Yamada, M. *see* Kimura, T. 91567
Yamada, M. *see* Miyano, I. 82049
Yamada, M. *see* Morita, Y. 86785
Yamada, M. *see* Nakata, T. 78473
Yamada, M. *see* Ohishi, Y. 63699
Yamada, M. *see* Okuda, T. 93721
Yamada, M. *see* Sawada, M. 62781
Yamada, M. *see* Shiomi, J. 63164
Yamada, M. *see* Tomigashi, Y. 49711
Yamada, M. *see* Yoshikawa, K. 71834
Yamada, N. *see* Nishimoto, T. 99705
Yamada, N. *see* Takusagawa, T. 91550
Yamada, N. *see* Yamamoto, Y. 73099
Yamada, O. *see* Fumoto, T. 64747
Yamada, O. *see* Kanamori, K. 52785
Yamada, O. *see* Kuroda, T. 65639
Yamada, R., Kuroki, K., Shinohara, J., Kagotani, T. High-frequency isolation UPS with novel SMR 100329
Yamada, S., Chikaraishi, H., Tanahashi, S., Mito, T., Takahata, K., Yanagi, N., Sakamoto, M., Nishimura, A., Motojima, O., Yamamoto, J., Yonenaga, Y., Watanabe, R. Improvement of a high current DC power supply system for testing the large scaled superconducting cables and magnets 72257
Yamada, S., Hiura, Y., Yamane, T., Amemiya, K., Ohshima, Y., Yoshikawa, K. Degradation mechanism of flash EEPROM programming after program/erase cycles 92187
Yamada, S., Kasai, M. Wire length expressions for analytical placement approach 61464
Yamada, S., Kato, N., Koyanagi, M. A new two-dimensional analysis method for polycrystalline-silicon TFTs 81896
Yamada, S. *see* Atsumi, S. 49426
Yamada, S. *see* Fu, S. 53275
Yamada, S. *see* Itakura, T. 52996
Yamada, S. *see* Kato, N. 62833
Yamada, S. *see* Kitagawa, A. 53159
Yamada, S. *see* Koyanagi, M. 93393
Yamada, S. *see* Kumada, M. 68748
Yamada, S. *see* Mito, T. 89302
Yamada, S. *see* Mizuno, F. 54549
Yamada, S. *see* Mizuno, F. 79452
Yamada, S. *see* Murakami, T. 76296
Yamada, S. *see* Sato, Y. 88546
Yamada, S. *see* Satoh, S. 93984
Yamada, S. *see* Shima, T. 92436
Yamada, S. *see* Takahata, K. 82416
Yamada, S. *see* Torikoshi, M. 53138
Yamada, S. *see* Umezawa, A. 70562
Yamada, S. *see* Waguri, S. 58095
Yamada, S. *see* Yoshikawa, K. 61725
Yamada, S. *see* Yoshikawa, K. 87506
Yamada, T. Distribution and customization of subscriber-switching nodes in H0-based N-ISDN 96811
Yamada, T. Signaling systems for distributed micro-switching networks in H0-ISDN 96812
Yamada, T., Horikoshi, Y. Comparison of GaAs facet formation on patterned substrate during molecular beam epitaxy and migration enhanced epitaxy 70054
Yamada, T., Jing-Rong Zhou, Miyata, H., Ferry, D.K. In-plane transport properties of $Si/Si_{1-x}Ge_x$ structure and its FET performance by computer simulation 81286
Yamada, T., Mori, M., Yoshida, Y., Date, M. A method for improving speed control characteristics at very low speed region by the least order disturbance observer 78557
Yamada, T., Nakata, T., Kannari, F. Subnanosecond seed pulse generation for VUV lasers by dual-wavelength pumped stimulated rotational Raman scattering 83330
Yamada, T., Takabashi, Y. Routing design of tree-shaped local public communication networks with high reliability and low cost 65488
Yamada, T., Wrobel, L.C. An application of the dual reciprocity boundary element method to magnetic field and eddy current problems 83511
Yamada, T. *see* Ametani, A. 78164
Yamada, T. *see* Fujikura, M. 56210
Yamada, T. *see* Fujiwara, G. 70530
Yamada, T. *see* Hamamoto, T. 92209
Yamada, T. *see* Kaneko, S. 79879
Yamada, T. *see* Kato, N. 62833
Yamada, T. *see* Kitagawa, A. 53159
Yamada, T. *see* Kondo, Y. 92452
Yamada, T. *see* Miki, I. 60236
Yamada, T. *see* Miyazaki, A. 55355
Yamada, T. *see* Murakami, T. 76296
Yamada, T. *see* Nishimura, H. 93260
Yamada, T. *see* Ohsato, M.H. 100339
Yamada, T. *see* Shikano, K. 64393
Yamada, T. *see* Sugiura, H. 52693
Yamada, T. *see* Takata, I. 55881
Yamada, T. *see* Uda, H. 92562
Yamada, T. *see* Zaima, E. 53826
Yamada, T. *see* Zaima, E. 53827
Yamada, Y., Cutkoskv, M.R. Tactile sensor with 3-axis force and vibration sensing functions and its application to detect rotational slip 97987
Yamada, Y., Sasayama, K., Habara, K. BER measurements in frequency-division-multiplexed optical loop buffer at data rate of 2.5 Gbit/s 97314
Yamada, Y., Sugita, A., Moriwaki, K., Ogawa, I., Hashimoto, T. An application of a silica-on-terraced-silicon platform to hybrid Mach-Zehnder interferometric circuits consisting of silica-waveguides and $LiNbO_3$ phase-shifters 82673
Yamada, Y. *see* Adachi, Y. 55292
Yamada, Y. *see* Fujiwara, H. 96440
Yamada, Y. *see* Hata, F. 82436
Yamada, Y. *see* Igarashi, R. 76831
Yamada, Y. *see* Javkin, H. 77078
Yamada, Y. *see* Javkin, H. 98989
Yamada, Y. *see* Kamisada, Y. 82322
Yamada, Y. *see* Kinjo, S. 95562
Yamada, Y. *see* Kuriyama, T. 94009
Yamada, Y. *see* Matsubara, Y. 71801
Yamada, Y. *see* Matsui, Y. 61702
Yamada, Y. *see* Minami, Y. 75140
Yamada, Y. *see* Mino, S. 94306
Yamada, Y. *see* Negi, Y.S. 58918
Yamada, Y. *see* Ogiwara, H. 89303
Yamada, Y. *see* Suzuki, M. 90025
Yamada, Y. *see* Suzuki, S. 65834
Yamada, Y. *see* Takagi, N. 61644
Yamada, Y. *see* Takahashi, Y. 72219
Yamada, Y. *see* Tsuchida, N. 60238
Yamada, Y. *see* Watanabe, K. 94008
Yamada, Y. *see* Yamamoto, N. 72468
Yamada, Y. *see* Yamashita, K. 75439
Yamada, Y. *see* Yoshida, J. 97363
Yamada-Kaneta, H. *see* Hara, A. 91409
Yamadai, S. A mathematical formulation of allocation and floorplanning problem in VLSI data path synthesis 70221
Yamagami, M. *see* Soeda, K. 61704
Yamagami, R. *see* Futagami, S. 85743
Yamagami, T. *see* Sekimoto, Y. 67333
Yamagami, T. *see* Takahashi, T. 76760
Yamagata, S. *see* Tohyama, S. 98089
Yamagata, T. *see* Hamamoto, T. 92219
Yamagata, T. *see* Sato, H. 70563
Yamagata, T. *see* Tsukude, M. 70534
Yamagata, Y., Miura, Y., Tamaki, E., Tominaga, M., Kishi, A., Shinkai, H. A 1050 kV, 3000/3MVA UHV transformer for extended qualification testing at Tokyo Electric Power Co.'s Shinharuna substation 78674
Yamagata, Y., Yasuoka, Y. Classification of wetland vegetation by texture analysis methods using ERS-1 and JERS-1 images 77642
Yamagata, Y. *see* Kawano, H. 78747
Yamagata, Y. *see* Yasuoka, Y. 67889
Yamagishi, A., Date, M. Pulsed high magnetic field facility at Osaka University 87449
Yamagishi, A. *see* Matsui, M. 51366
Yamagishi, A. *see* Takeuchi, T. 87446
Yamagishi, A. *see* Takeuchi, T. 87447
Yamagishi, H. *see* Nevin, W.A. 93245
Yamagishi, K. *see* Sawada, M. 62781
Yamagishi, K. *see* Tsukamoto, O. 89785
Yamagishi, K. *see* Yamamoto, J.K. 83323
Yamagishi, M. *see* Sugawara, T. 50351
Yamagishi, N. *see* Ogasawara, S. 54098
Yamagishi, T., Nanba, M., Egami, N., Okazaki, S., Tanioka, K., Hirai, T., Takasaki, Y. 1-inch all-electrostatic HARP tube for HDTV 86717
Yamagishi, T. *see* Endo, K. 100346
Yamagiwa, A. *see* Morimoto, S. 69046
Yamagiwa, A. *see* Takeda, Y. 68583
Yamagiwa, A. *see* Tanaka, A. 54539
Yamagiwa, A. *see* Yamada, K. 92299
Yamaguchi, A. *see* Maekawa, Y. 68251
Yamaguchi, A. *see* Ogawa, T. 55834
Yamaguchi, C. *see* Ishii, K. 58409
Yamaguchi, C. *see* Ishii, K. 70381
Yamaguchi, D., Yokota, N., Sato, K. Study of a buffer-insertion ATMR protocol 85313
Yamaguchi, F., Sugawara, H., Senda, T. Recent trends in camera and video signal processing LSIs 58603
Yamaguchi, F. *see* Ikeno, H. 78385
Yamaguchi, H., Matsubara, S., Takemura, K., Miyasaka, Y. Reactive coevaporation synthesis and characterization of $SrTiO_3$-$BaTiO_3$ thin films 56116
Yamaguchi, H., Saito, Y., Tanaka, Y. Realization of EDI message transfer on an MHS system using ISDN 85895
Yamaguchi, H., Watanabe, T., Yamada, H. Magnetic drag force due to iron losses in magnetic rail of magnetically levitated train 90593
Yamaguchi, H. *see* Fujita, H. 62565
Yamaguchi, H. *see* Kataoka, T. 60276
Yamaguchi, H. *see* Murakami, A. 59080
Yamaguchi, H. *see* Takemura, K. 82179
Yamaguchi, I., Yoshikawa, S., Takenaka, T., Fujino, S., Hayashi, K., Mitsuzuka, T., Suzuki, K., Enomoto, Y. I-V characteristic of YBCO step-edge Josephson junction 93959
Yamaguchi, J. *see* Iemura, M. 100931
Yamaguchi, K. A neural network controlled adaptive search strategy for HMM-based speech recognition 84096
Yamaguchi, K., Arakawa, S., Yabukami, S., Arai, K.I., Kumagai, F., Kikuchi, S. Estimation of the in-situ permeabilities in thin-film inductors 49690
Yamaguchi, K., Sakai, K., Shiohama, J., Unagami, S., Oka, H., Naito, W., Yamashita, H., Yamazaki, K. ATM transport systems based on flexible, non-stop architecture 75159
Yamaguchi, K., Sugawara, E., Nakajima, O., Matsuki, H., Murakami, K. Load characteristics of a spiral coil type thin film microtransformer 49689
Yamaguchi, K., Suzuki, K., Tanaka, S., Kawaji, A. Approximate analytic equations for small Shapiro step Josephson junctions 93968
Yamaguchi, K. *see* Abe, H. 97599
Yamaguchi, K. *see* Gohshi, S. 66043
Yamaguchi, K. *see* Ho, S. 49757
Yamaguchi, K. *see* Ho, S. 50037
Yamaguchi, K. *see* Kubo, H. 80607
Yamaguchi, K. *see* Mori, H. 67631
Yamaguchi, K. *see* Nagai, A. 73865
Yamaguchi, K. *see* Nambu, H. 70537
Yamaguchi, K. *see* Suzuki, K. 83878
Yamaguchi, K. *see* Suzuki, K. 93932
Yamaguchi, K. *see* Tamba, N. 92241
Yamaguchi, K. *see* Trehan, R. 58194
Yamaguchi, K. *see* Yoshikawa, S. 93966

Yamaguchi, M. Present status and future prospects for advanced space solar cells 100450
Yamaguchi, M., Endoh, H., Honda, T., Ohyama, N. Recording of high quality 3-D images by 'holoprinter' 73147
Yamaguchi, M., Honda, T., Ohyama, N., Ishikawa, J. Multidot recording of rainbow and multicolor holographic stereograms 83345
Yamaguchi, M., Ishihara, K., Arai, K.I. Application of thin-film inductors to *LC* filters 49521
Yamaguchi, M., Kawamura, S., Minami, K., Esashi, M. Distributed electrostatic micro actuator 57058
Yamaguchi, M., Kawazu, T., Arai, K.I. Resonance analysis of figure-8 coil type permeance meters 53022
Yamaguchi, M., Nagumo, M., Iio, M., Yamada, H., Mizuno, T., Suzuki, H. Static thrust analysis of a cylindrical moving-core linear oscillatory actuator 54139
Yamaguchi, M. *see* Arai, K.I. 63245
Yamaguchi, M. *see* Arai, K.I. 72198
Yamaguchi, M. *see* Hasegawa, H. 70703
Yamaguchi, M. *see* Hashimoto, K. 56183
Yamaguchi, M. *see* Hashimoto, K. 93827
Yamaguchi, M. *see* Hibino, Y. 50549
Yamaguchi, M. *see* Kim, Y.H. 72168
Yamaguchi, M. *see* Komatsu, K. 75443
Yamaguchi, M. *see* Kurano, T. 86007
Yamaguchi, M. *see* Makishima, Y. 71917
Yamaguchi, M. *see* Nagayoshi, H. 55753
Yamaguchi, M. *see* Nishihara, M. 96141
Yamaguchi, M. *see* Oda, N. 67522
Yamaguchi, M. *see* Sasaki, T. 56775
Yamaguchi, M. *see* Suk-Ki Min 100669
Yamaguchi, M. *see* Suzuki, T. 58262
Yamaguchi, M. *see* Yahata, A. 55848
Yamaguchi, M. *see* Yamamoto, K. 91470
Yamaguchi, M. *see* Yamazaki, H. 50829
Yamaguchi, N. *see* Koyama, K. 81111
Yamaguchi, S., Shinzato, T., Ichino, K., Kawakami, Y., Fujita, S., Fujita, S. Photopumped lasing properties in ZnCdSe-ZnSSe multiple quantum wells 83072
Yamaguchi, S. *see* Akiba, N. 99723
Yamaguchi, S. *see* Ebina, K. 56610
Yamaguchi, S. *see* Konashi, K. 49746
Yamaguchi, S. *see* Matsumoto, H. 67116
Yamaguchi, S. *see* Mori, M. 90695
Yamaguchi, S. *see* Oshima, Y. 96931
Yamaguchi, S. *see* Oshima, Y. 97328
Yamaguchi, S. *see* Takeuchi, N. 77356
Yamaguchi, S. *see* Yamamoto, Y. 73099
Yamaguchi, T. Coreless motor developments keep pace with expanding applications 78641
Yamaguchi, T. A new world of info-communications created by multimedia. Overview of the MPT's 1994 communications white paper 96399
Yamaguchi, T., Archer, T.M., Johnston, R.E., Lee, J.S. Process and device optimization of an analog complementary bipolar IC technology with 5.5-GHz f_T pnp transistors 62962
Yamaguchi, T., Kanai, K. Development of cell structure due to Benard-Marangoni-type convection in RuO_2-glass thick films 92820
Yamaguchi, T., Nakamura, T., Koyama, H., Kunugi, M., Tsukahara, K., Matsue, T. Present status and future vision of spacecraft system development 99045
Yamaguchi, T., Suzuki, I., Xiuying, G., Kan, H., Aoyama, M., Kumagawa, M. Actual carrier mobility determination of GaInAsSb/InAs grown by liquid phase epitaxy 62232
Yamaguchi, T., Suzuki, M., Yoshida, A. Preparation and characterizations of $CuIn_xGa_{1-x}Se_2$ thin films crystallized by annealing 61355
Yamaguchi, T., Takeoka, S., Iizuka, T., Nakano, T. Glass-substrate interaction in thick film technology 81089
Yamaguchi, T., Uppili, S., Lee, J.S., Kawamoto, G.H., Hanson, R.C. Process investigations for a 30-GHz f_T submicrometer double poly-Si bipolar technology 50074
Yamaguchi, T., Yamasaki, H. Angular velocity estimation based on fluid pressure distribution 98313
Yamaguchi, T. *see* Amemiya, Y. 83718
Yamaguchi, T. *see* Hidaka, R. 54974
Yamaguchi, T. *see* Imamura, M. 72051
Yamaguchi, T. *see* Inoue, Y. 92232
Yamaguchi, T. *see* Kawase, Y. 83555
Yamaguchi, T. *see* Kawase, Y. 83556
Yamaguchi, T. *see* Ohdachi, Y. 90069
Yamaguchi, T. *see* Sasada, I. 49133
Yamaguchi, T. *see* Shishida, K. 50358
Yamaguchi, T. *see* Tachibana, K. 96685
Yamaguchi, T. *see* Tanaka, K. 52237
Yamaguchi, T. *see* Toyoda, T. 61466
Yamaguchi, T. *see* Uppili, S. 62963
Yamaguchi, T. *see* Ushida, H. 51633
Yamaguchi, T. *see* Xiuying, G. 61264
Yamaguchi, T. *see* Xiuying Gong 56525
Yamaguchi, T. *see* Yamada, M. 73118
Yamaguchi, T. *see* Yamashita, H. 97663
Yamaguchi, Y., Iwamatsu, T., Joachim, H.-O., Oda, H., Inoue, Y., Nishimura, T., Tsukamoto, K. Source-to-drain breakdown voltage improvement in ultrathin-film SOI MOSFET's using a gate-overlapped LDD structure 71658
Yamaguchi, Y., Mitsumoto, M., Sengoku, M., Abe, T. Synthetic aperture FM-CW radar applied to the detection of objects buried in snowpack 58491
Yamaguchi, Y., Nishikawa, T., Boerner, W.-M., Sengoku, M., Hyo Joon Eom On radar polarimetry in FM-CW radar 67794
Yamaguchi, Y., Sakagami, E., Arai, N., Sato, M., Kamiya, E., Yoshikawa, K., Meguro, H., Tsunoda, H., Mori, S. ONO interpoly dielectric scaling limit for non-volatile memory devices 70498
Yamaguchi, Y., Toda, K., Nishida, K., Takahashi, E. The execution model and the architecture for real-time parallel systems 84378
Yamaguchi, Y., Tsurugi, M., Watanabe, Y., Sengoku, M., Kikuta, T., Nishino, M., Tsunasaki, M. Detection of objects in sandy ground by an FM-CW radar 65893
Yamaguchi, Y. *see* Arai, K. 77253
Yamaguchi, Y. *see* Boerner, W.-M. 77704
Yamaguchi, Y. *see* Eimori, T. 93610
Yamaguchi, Y. *see* Ejiri, Y. 96955
Yamaguchi, Y. *see* Inoue, Y. 92232
Yamaguchi, Y. *see* Iwamatsu, T. 93618
Yamaguchi, Y. *see* Mori, S. 70518
Yamaguchi, Y. *see* Mott, H. 67793
Yamaguchi, Y. *see* Nakagawa, A. 61559
Yamaguchi, Y. *see* Nakagawa, A. 93438
Yamaguchi, Y. *see* Okuyama, H. 81595
Yamaguchi, Y. *see* Rokugawa, S. 77276
Yamaguchi, Y. *see* Sakagami, E. 61697
Yamaguchi, Y. *see* Suma, K. 92221
Yamaguchi, Y. *see* Suma, K. 92238
Yamaguchi, Y. *see* Toda, K. 93561
Yamaguchi, Y. *see* Watanabe, K. 48809
Yamaguchi, Y. *see* Yokoyama, M. 94237
Yamahata, S., Matsuoka, Y., Ishibashi, T. High-performance small-scale collector-up AlGaAs/GaAs HBT's with a carbon-doped base fabricated using oxygen-ion implantation 93359
Yamahata, S. *see* Sano, E. 49184
Yamaji, A., Sako, K. Shielding design to obtain compact marine reactor 90583
Yamaji, E. *see* Kushida, K. 67910
Yamaji, E. *see* Yoshino, K. 67892
Yamaji, H. *see* Uchida, N. 100392
Yamaji, K. *see* Ishizaka, T. 68418
Yamaji, M., Tanigushi, K., Hamaguchi, C., Sukegawa, K., Kawamura, S. Degradation mechanisms of thin film SIMOX SOI-MOSFET characteristics. Optical and electrical evaluation 50028
Yamaji, T. Vector pulse-density modulation 95065
Yamaji, T., Abe, M., Takada, Y., Okada, K., Hiratani, T. Magnetic properties and workability of 6.5% silicon steel sheet manufactured in continuous CVD siliconizing line 63141
Yamaji, Y. *see* Hiruta, Y. 93682
Yamaji, Y. *see* Okada, T. 48694
Yamajo, N., Nunokawa, R., Sugiyama, K. Customer network with a highly reliable design method using short-wavelength electro-optical devices and optical fibers 85965
Yamajo, N. *see* Nunokawa, R. 86421
Yamakage, T. *see* Demura, T. 92280
Yamakawa, H. *see* Kimoto, T. 84615
Yamakawa, K., Magana, A., Chiu, P.H. Tunable Ti:sapphire regenerative amplifier for femtosecond chirped-pulse amplification 50752
Yamakawa, K., Sugio, H., Daido, H., Nakatsuka, M., Kato, Y., Nakai, S. 1 Hz, 1 ps, terawatt Nd:glass laser 94413
Yamakawa, S. Optical odor sensors using potential-sensitive dye coatings 87240
Yamakawa, S. *see* Yoshida, M. 78918
Yamakawa, T., Uchino, E., Miki, T., Nakamura, S. Hardware implementation of fuzzy filtering 49559
Yamakawa, T. *see* Kobayashi, Y. 66906
Yamaki, H. *see* Oka, S. 86784
Yamakita, J. *see* Asai, M. 99006
Yamakita, J. *see* Rokushima, K. 83803
Yamakoshi, H., Chin, C.T., Jaimungal, S., Herman, P.R., Zhao, L., Kulcsar, G., Budnik, F.W., Marjoribanks, R.S. A practical self-healing mercury target for efficient generation of soft X-ray radiation 67413
Yamakoshi, H., Takashima, H., Maeda, T., Sakurai, A. Theoretical model and algorithm for remote sensing of vertical salt density distributions in the sea ice by microwaves 77509
Yamakoshi, K., Tanaka, S., Shimazu, H. Electrical admittance cuff for non-invasive and simultaneous measurement of haematocrit, arterial pressure and elasticity using volume-oscillometric method 77001
Yamakoshi, K. *see* Tanaka, S. 67503
Yamakoshi, T. *see* Yada, H. 72142
Yamaleev, N.K. *see* Nabiev, V.U. 88923
Yamamaka, E. *see* Maekawa, T. 61756
Yamamichi, S. *see* Takemura, K. 82179
Yamamori, K., Nakamura, Y., Mizukoshi, H., Nunokawa, R. Home communications in an apartment building 85458
Yamamori, K. *see* Tanaka, T. 72104
Yamamoro, M., Abe, T. The new energy-saving way achieved by changing computer culture (saving energy by changing the computer room environment) 90674
Yamamoto, A., Tsujino, M., Ohkubo, M., Hashimoto, A. Metalorganic chemical vapor deposition growth of InN for InN/Si tandem solar cell 100448
Yamamoto, A. *see* Haruyama, T. 94010
Yamamoto, A. *see* Hashimoto, A. 62454
Yamamoto, A. *see* Kakimoto, Y. 58580
Yamamoto, A. *see* Kishimoto, T. 50981
Yamamoto, A. *see* Noda, M. 86684
Yamamoto, A. *see* Yano, T. 78954
Yamamoto, B.S. *see* Manouchehri, D. 53490
Yamamoto, E. *see* Konaka, S. 49932
Yamamoto, E. *see* Maekawa, T. 61756
Yamamoto, E. *see* Ochi, H. 76902
Yamamoto, E. *see* Ochi, H. 88371
Yamamoto, E. *see* Ochi, H. 88372
Yamamoto, E. *see* Taniguchi, Y. 53394
Yamamoto, H. Chip EMI filters handle large currents for DC power supply lines 57126
Yamamoto, H. Photofabrication technology for electronics use 79267
Yamamoto, H. NTT's VI&P vision 85945
Yamamoto, H., Fukuda, K., Isa, I., Yoshino, K. Electrolytic capacitor employing polypyrrole as solid electrolyte 55445
Yamamoto, H., Ishii, A. Effect of CaO and SiO_2 addition on magnetic properties of anisotropic Ba-Zn system W-Type hexagonal ferrite magnets 82262
Yamamoto, H., Iwasawa, J., Kumanbara, T., Kojima, T. Magnetic properties of $Sm_2(Fe_{1-x}Co_x)_{17}N_y$ compounds and their bonded magnets 50205
Yamamoto, H., Katagiri, E. Magnetic properties of melt-spun Nd-Fe-Co-B-Cu-Nb system alloys and their bonded magnets 82255
Yamamoto, H., Kurosawa, R., Nakamura, R. Novel vector controller for synchronous motor via inverse dynamics modeling 69056
Yamamoto, H., Ogasawara, K. Magnetic properties of anisotropic Pb-Zn-Mg system W-type hexagonal ferrite magnets 72056
Yamamoto, H., Ogasawara, K., Takahashi, T. Magnetic properties of anisotropic Pb-Zn-Na system W-Type hexagonal ferrite magnets 93895
Yamamoto, H. *see* Alexander, J.P. 59072
Yamamoto, H. *see* Alexander, J.P. 70305
Yamamoto, H. *see* Kawachi, G. 76120
Yamamoto, H. *see* Kikuchi, S. 48673
Yamamoto, H. *see* Kondoh, E. 93259
Yamamoto, H. *see* Look, D.C. 79787
Yamamoto, H. *see* Matsuyama, T. 64073
Yamamoto, H. *see* Matsuyama, T. 64090
Yamamoto, H. *see* Miwada, K. 66478
Yamamoto, H. *see* Miyazaki, T. 88402
Yamamoto, H. *see* Nishida, S. 86811
Yamamoto, H. *see* Ozaki, S. 70623
Yamamoto, H. *see* Valdez, C. 64261
Yamamoto, H. *see* Zevenhoven, C.A.P. 51022
Yamamoto, I., Terada, Y. Theoretical research on the modelling of a low-speed cruising vehicle for control law design 96584
Yamamoto, I. *see* Jo, S. 98947
Yamamoto, I. *see* Matsui, K. 67995
Yamamoto, I. *see* Sugibayashi, T. 92215
Yamamoto, J. *see* Fujiwara, T. 72248
Yamamoto, J. *see* Imagawa, S. 94022
Yamamoto, J. *see* Iwamoto, A. 93989
Yamamoto, J. *see* Kawashima, T. 72263
Yamamoto, J. *see* Kitamura, K. 82432
Yamamoto, J. *see* Mito, T. 89302
Yamamoto, J. *see* Miwada, K. 66478
Yamamoto, J. *see* Ninomiya, A. 94029
Yamamoto, J. *see* Nishimura, A. 82433
Yamamoto, J. *see* Satoh, S. 93984
Yamamoto, J. *see* Sumiyoshi, F. 82492
Yamamoto, J. *see* Takacs, S. 72252
Yamamoto, J. *see* Takacs, S. 99713
Yamamoto, J. *see* Wachi, Y. 82435
Yamamoto, J. *see* Yamada, S. 72257
Yamamoto, J.K., Sugimoto, A., Yamagishi, K. Self-frequency doubling in Nd,Sc_2O_3:$LiNbO_3$ at room temperature 83323
Yamamoto, K., Muramatsu, M., Yamamura, K., Ohmura, M., Utsuyama, H., Anzai, H., Hayama, Y. Stability and reliability of the double sided silicon strip detector 59130
Yamamoto, K., Muramatsu, M., Yamaura, Y., Ohmura, M., Utsuyama, H., Anzai, H., Saito, K., Konmura, M., Nakamura, M., Niwa, K. Interstrip capacitance of the double sided silicon strip detector 59131
Yamamoto, K., Nakata, Y. The viewing conditions of the television at home 97603
Yamamoto, K., Suzuki, T., Kondo, K., Okamoto, T., Yamaguchi, M., Izumina, M., Tawada, Y. Low temperature Si crystal growth by alternating deposition and hydrogen etching sequences and its application to the p-layer of a-Si:H solar cells 91470
Yamamoto, K., Yamada, K. A method to improve computation efficiency for the radiation pattern of an airborne antenna 51229
Yamamoto, K. *see* Barberis, E. 59063
Yamamoto, K. *see* Barberis, E. 88104
Yamamoto, K. *see* Barberis, E. 98609
Yamamoto, K. *see* Fujimura, K. 84924

Yamamoto, K. *see* Horiuchi, T. 84613
Yamamoto, K. *see* Horiuchi, T. 85140
Yamamoto, K. *see* Ishida, H. 96890
Yamamoto, K. *see* Kaigawa, H. 81470
Yamamoto, K. *see* Kitaoka, Y. 63717
Yamamoto, K. *see* Kuriyama, T. 94009
Yamamoto, K. *see* Kurosawa, K. 49553
Yamamoto, K. *see* Mizuno, S. 98991
Yamamoto, K. *see* Mizuuchi, K. 73076
Yamamoto, K. *see* Murakami, H. 67607
Yamamoto, K. *see* Nakajima, H. 72261
Yamamoto, K. *see* Nakata, J. 91408
Yamamoto, K. *see* Ochiai, Y. 81325
Yamamoto, K. *see* Ohsugi, T. 59069
Yamamoto, K. *see* Saito, A. 63163
Yamamoto, K. *see* Shimizu, K. 98929
Yamamoto, K. *see* Sugihara, M. 68932
Yamamoto, K. *see* Suyama, M. 82818
Yamamoto, K. *see* Suyama, M. 94271
Yamamoto, K. *see* Yamanouchi, K. 63118
Yamamoto, K. *see* Yamanouchi, K. 71901
Yamamoto, K. *see* Yamanouchi, K. 93836
Yamamoto, K. *see* Yamanouchi, K. 93840
Yamamoto, M. Application of a thermally evaporated WO_3 film to a shadow mask for the suppression of mislanding in color cathode ray tubes 55524
Yamamoto, M. Pose from motion: a direct method 57790
Yamamoto, M., Hama, Y., Shiba, H., Watari, N., Inoue, T. Miniaturized disk bender sound projector with dual radiation surface 99347
Yamamoto, M., Ifukube, A., Murata, Y., Hashimoto, M. Development of fault detector for 33 kV ungrounded power line 89398
Yamamoto, M., Ikeda, K. Stereoscopic correcting pose of 3D model of object 57774
Yamamoto, M., Negishi, T., Igarashi, J., Ikoma, H. Effects of surface orientation and molar ratio of $(Sr_xCa_y)F_2$ films on electrical characteristics of metal/fluoride/GaAs structures 93088
Yamamoto, M., Ogawa, T., Hara, K., Kukimoto, H., Yoshino, J. Low-temperature metalorganic vapor phase epitaxial growth of $CuAl_xGa_{1-x}(S_ySe_{1-y})_2$ 54872
Yamamoto, M., Ogawa, T., Hara, K., Yoshino, J., Kukimoto, H. Optically pumped stimulated emission from $CuGa(S_{0.65}Se_{0.35})_2/CuAl_{0.3}Ga_{0.7}(S_{0.65}Se')0_{.35})_2$ double heterostructure grown by metalorganic vapor phase epitaxy 56758
Yamamoto, M., Takada, Y., Hanna, J. Selective growth of Ge in GeF_4-Si_2H_6 system 61399
Yamamoto, M., Yamamoto, N., Nakano, J. MOVPE growth of strained InAsP/InGaAsP quantum-well structures for low-threshold 1.3-μm lasers 63785
Yamamoto, M. *see* Aihara, K. 62911
Yamamoto, M. *see* Aihara, K. 71185
Yamamoto, M. *see* Arakawa, F. 70667
Yamamoto, M. *see* Araki, T. 60588
Yamamoto, M. *see* Eguchi, N. 77966
Yamamoto, M. *see* Ikeya, M. 71088
Yamamoto, M. *see* Ishii, H. 72800
Yamamoto, M. *see* Kamiyama, N. 64987
Yamamoto, M. *see* Kotaka, I. 72923
Yamamoto, M. *see* Maekawa, Y. 77390
Yamamoto, M. *see* Marinova, I. 61439
Yamamoto, M. *see* Masai, J. 63244
Yamamoto, M. *see* Matsumoto, S. 72910
Yamamoto, M. *see* Nakagawa, T. 68739
Yamamoto, M. *see* Nakata, S. 81274
Yamamoto, M. *see* Ohta, C. 96200
Yamamoto, M. *see* Sakai, Y. 83107
Yamamoto, M. *see* Sangawa, U. 81731
Yamamoto, M. *see* Sato, K. 72809
Yamamoto, M. *see* Sato, K. 75390
Yamamoto, M. *see* Takada, A. 56801
Yamamoto, M. *see* Takahashi, S. 75441
Yamamoto, M. *see* Tode, H. 65536
Yamamoto, M. *see* Tohmori, Y. 83113
Yamamoto, M. *see* Tudagawa, M. 53051
Yamamoto, M. *see* Yamane, S. 69271
Yamamoto, N. A study on measuring methods for digital equipment with analog input-output 97623
Yamamoto, N., Hirata, K., Oide, K. Pulse-to-pulse simulation of orbit feedback for JLC final focus system 66979
Yamamoto, N., Koshoubu, N., Mori, K., Nakamura, K., Yamada, Y. Full-color antiferroelectric liquid crystal display 72468
Yamamoto, N. *see* Ashida, A. 61358
Yamamoto, N. *see* Ashida, A. 79930
Yamamoto, N. *see* Hachiuma, Y. 93004
Yamamoto, N. *see* Kano, F. 63782
Yamamoto, N. *see* Kuranouchi, S. 91548
Yamamoto, N. *see* Mimashi, T. 76499
Yamamoto, N. *see* Negi, Y.S. 58918
Yamamoto, N. *see* Sugiura, H. 69948
Yamamoto, N. *see* Susaki, M. 56507
Yamamoto, N. *see* Yamamoto, M. 63785
Yamamoto, O., Hara, T., Shimada, M., Suzuki, Y. Monte Carlo simulation of surface charging on insulator in vacuum: effects of ceramic coating on flashover inhibition 93757
Yamamoto, O. *see* Hara, T. 68274
Yamamoto, R., Sanada, K., Umemura, S. Rewritable capacitance disk memory with ferroelectric-semiconductor structure 93793
Yamamoto, R. *see* Deis, G. 87958
Yamamoto, R. *see* Heim, J. 88070
Yamamoto, R. *see* Saito, S. 90219
Yamamoto, S. Market holds strong prospects for growth in field of PM stepping motors 78660
Yamamoto, S. Metrological characteristics of some strain-gauge high-pressure transducers 87075
Yamamoto, S., Kozono, S., Taira, S., Ikegami, T. Feeder-link earth station IF patch, standard signal distributor and monitor/control panel 88711
Yamamoto, S., Migitaka, M. Total pressure effects on the properties of silicon nitride films fabricated by photoenhanced chemical vapor deposition 91633
Yamamoto, S., Takahira, H., Shibano, E., Tanaka, M., Chen, Y.C. BER performance improvement by forward error correcting code in 5 Gbit/s 9000 km EDFA transmission system 58376
Yamamoto, S., Tanaka, I., Senda, M., Tateno, Y., Iinuma, T., Matsumoto, T., Matsumoto, M. Image processing for computer-aided diagnosis of lung cancer by CT (LSCT) 84923
Yamamoto, S., Tanaka, K., Wakana, H., Ohmori, S. An antenna tracking method for land-mobile satellite communications system 97126
Yamamoto, S. *see* Hashimoto, T. 52736
Yamamoto, S. *see* Hayasaka, H. 100335
Yamamoto, S. *see* Hoshimura, Y. 89264
Yamamoto, S. *see* Kado, H. 62957
Yamamoto, S. *see* Kamiyama, E. 89634
Yamamoto, S. *see* Kawai, H. 51378
Yamamoto, S. *see* Kuroiwa, S. 52280
Yamamoto, S. *see* Matsunoshita, J. 98800
Yamamoto, S. *see* Matsuse, K. 90173
Yamamoto, S. *see* Nakamura, Y. 72088
Yamamoto, S. *see* Ogawa, T. 55758
Yamamoto, S. *see* Okamura, Y. 50242
Yamamoto, S. *see* Shimatani, N. 71299
Yamamoto, S. *see* Suzuki, M. 65832
Yamamoto, S. *see* Suzuki, M. 75420
Yamamoto, S. *see* Taga, H. 52554
Yamamoto, S. *see* Taga, H. 75463
Yamamoto, S. *see* Taga, H. 86447
Yamamoto, S. *see* Taga, H. 86448
Yamamoto, S. *see* Taga, H. 97254
Yamamoto, S. *see* Wakiwaka, K. 60251
Yamamoto, S. *see* Yato, F. 51380
Yamamoto, S. *see* Yoshimura, N. 88722
Yamamoto, T., Fujine, T., Kadono, M., Muramatsu, T. Laminate magnetic heads with locally thickness modified thin film cores 72161
Yamamoto, T., Imai, T., Shiozaki, T. Preparation of lead-zirconate-titanate thin films by reactive RF-magnetron cosputtering using multi-element metallic targets and their evaluations 54946
Yamamoto, T., Inoue, T., Kanbara, T. Polymer light-emitting diodes with single- and double-layer structures using poly(2,3-diphenylquinoxaline-5,8-diyl) 50694
Yamamoto, T., Takada, S., Sasaki, T. Estimation of measuring error in digital dc fluxmeters 66593
Yamamoto, T., Watanabe, T., Ide, S., Tanaka, I., Nobuhara, H., Wakao, K. Low threshold current density 1.3-μm strained-layer quantum-well lasers using n-type modulation doping 94502
Yamamoto, T. *see* Hamabe, R. 85788
Yamamoto, T. *see* Hatoh, H. 87367
Yamamoto, T. *see* Ishimoto, R. 68450
Yamamoto, T. *see* Iwasaki, S. 96929
Yamamoto, T. *see* Kashiki, K. 58357
Yamamoto, T. *see* Kinjo, H. 95874
Yamamoto, T. *see* Kitamura, K. 82432
Yamamoto, T. *see* Lawless, P.A. 68784
Yamamoto, T. *see* Momota, K. 62127
Yamamoto, T. *see* Nakajima, H. 72780
Yamamoto, T. *see* Oikawa, Y. 52563
Yamamoto, T. *see* Sato, M. 97895
Yamamoto, T. *see* Sueoka, K. 79768
Yamamoto, T. *see* Sugimura, H. 81539
Yamamoto, T. *see* Suzuki, T. 100242
Yamamoto, T. *see* Takata, M. 75785
Yamamoto, T. *see* Takemura, K. 49150
Yamamoto, T. *see* Takeuchi, K. 93621
Yamamoto, T. *see* Tange, S. 78934
Yamamoto, T. *see* Tomita, M. 91791
Yamamoto, T. *see* Tsumori, K. 67017
Yamamoto, T. *see* Usuki, T. 82368
Yamamoto, T. *see* Wakejima, A. 54847
Yamamoto, T. *see* Yokota, S. 99720
Yamamoto, W., Awashima, T., Sato, M., Ohtsuki, T. Chip compaction method with automatic jog insertion 82015
Yamamoto, Y. SAW filters and resonators for public communication systems 93822
Yamamoto, Y., Chuang, I. Physical limits for computing and communication 83896
Yamamoto, Y., Harada, H., Yasuhara, K., Nakamura, T. Automatic sensing device of electrical characteristic of living tree 98260
Yamamoto, Y., Kajihara, R. SAW composite longitudinal mode resonator (CLMR) filters and their application to new synthesized resonator filters 93819
Yamamoto, Y., Kajihara, R., Sakairi, N. Phoneuse SAW filter incorporates composite longitudinal mode resonator 56182
Yamamoto, Y., Makino, A. Core losses and magnetic properties of Mn-Zn ferrites with fine grain sizes 63192
Yamamoto, Y., Yamaguchi, S., Suzuki, K., Yamada, N. Second-harmonic generation in a waveguide with domain-inverted regions like periodic lens sequence on z-face $KTiOPO_4$ crystal 73099
Yamamoto, Y. *see* Bjork, G. 83208
Yamamoto, Y. *see* Hisamatsu, T. 100452
Yamamoto, Y. *see* Imiya, A. 98799
Yamamoto, Y. *see* Inokawa, H. 93622
Yamamoto, Y. *see* Isshiki, H. 98903
Yamamoto, Y. *see* Kobayashi, S. 92855
Yamamoto, Y. *see* Konaka, S. 49932
Yamamoto, Y. *see* Nakamura, H. 55416
Yamamoto, Y. *see* Nakamura, T. 98758
Yamamoto, Y. *see* Nomoto, K. 100585
Yamamoto, Y. *see* Ohtsuki, F. 86318
Yamamoto, Y. *see* Okada, M. 87941
Yamamoto, Y. *see* Shikata, S. 93846
Yamamoto, Y. *see* Takahata, K. 82416
Yamamoto, Y. *see* Toda, K. 53562
Yamamoto, Y. *see* Wakui, Y. 52524
Yamamoto, Y. *see* Washio, H. 99102
Yamamoto, Y. *see* Yajima, M. 74542
Yamamoto, Y. *see* Yoshida, N. 61900
Yamamoto, Y. *see* Yoshida, N. 71732
Yamamoto, Y. *see* Yoshida, N. 92525
Yamamuka, M. *see* Kawahara, T. 93705
Yamamura, I. *see* Sugino, T. 55894
Yamamura, K. Finding all solutions of piecewise-linear resistive circuits containing neither voltage nor current controlled resistors 49126
Yamamura, K. Improving the convergence of spherical algorithms for tracing solution curves 69856
Yamamura, K. A Katzenelson-like algorithm for solving nonlinear resistive networks 80080
Yamamura, K. *see* Barberis, E. 59063
Yamamura, K. *see* Ohsugi, T. 59069
Yamamura, K. *see* Yamamoto, K. 59130
Yamamura, M., Satoh, H., Kobayashi, S. An analysis of crossover's effect in genetic algorithms 91326
Yamamura, N. *see* Hosono, I. 60230
Yamamura, N. *see* Sato, T. 89763
Yamamura, R. *see* Murata, S. 86810
Yamamura, S. Spiral vector theory of brushless DC motor 68640
Yamamura, S. Spiral vector theory of electric circuit 80022
Yamamura, S. Spiral vector theory of salient-pole synchronous machine 89902
Yamamura, T. *see* Qi-Xin Guo 61272
Yamamura, Y., Ito, K., Eguchi, T., Sato, O. Robust control system for electric rear wheel steering actuator 69173
Yamamuro, M., Isobe, S., Suzuki, G., Matsumura, M. Strategic network resource inventory management 52006
Yamanaka, A. *see* Nishida, K. 66069
Yamanaka, C., Ichinose, T., Nomoto, M., Ninomiya, T., Nakagawa, Y. Automated pattern inspection system for circuit pattern of multi-layer thin-film substrate using optical discrimination method 48706
Yamanaka, C. *see* Asakawa, M. 49737
Yamanaka, C. *see* Ohigashi, N. 53113
Yamanaka, D. *see* Maekawa, Y. 77390
Yamanaka, E. *see* Tatsuta, M. 62770
Yamanaka, G. Overview of air-conditioning and refrigeration technology 79018
Yamanaka, H., Aoki, Y. Crude estimates of diffusivity and supersaturation of silicon self-interstitials injected by thermal oxidation of Czochralski silicon 55751
Yamanaka, H., Okubo, K., Aoyagi, H., Sato, H., Kondoh, H., Sawada, K. LSI chip set for ATM networks 86010
Yamanaka, H., Saito, H., Yamada, H., Tsuzuki, M., Kohama, S., Ueda, H., Kondoh, H., Matsuda, Y., Oshima, K. 622 Mb/s 8×8 shared multibuffer ATM switch with hierarchical queueing and multicast functions 75161
Yamanaka, H. *see* Saito, H. 65523
Yamanaka, J. *see* Okuno, S. 98559
Yamanaka, J. *see* Saitoh, Y. 59075
Yamanaka, J. *see* Saitoh, Y. 88124
Yamanaka, J. *see* Saitoh, Y. 98580
Yamanaka, K., Nakano, S. Millimachine materials and its characterization 90036
Yamanaka, K., Ogiso, H., Kolosov, O. Analysis of subsurface imaging and effect of contact elasticity in the ultrasonic force microscope 77732
Yamanaka, K. *see* Asano, K. 64075
Yamanaka, K. *see* Yanagawa, K. 96949
Yamanaka, M. *see* Fujioka, K. 61218
Yamanaka, M. *see* Kato, Y. 50730
Yamanaka, M. *see* Kurachi, M. 79021
Yamanaka, M. *see* Matsuki, J. 60180
Yamanaka, M. *see* Ohmi, M. 63685
Yamanaka, M. *see* Ohmi, M. 94436
Yamanaka, M. *see* Sakata, I. 55254
Yamanaka, M. *see* Sakata, I. 55548
Yamanaka, M. *see* Yano, K. 71430
Yamanaka, N. *see* Kasukawa, A. 63850
Yamanaka, N. *see* Namegaya, T. 63786
Yamanaka, N. *see* Sato, H. 64988
Yamanaka, N. *see* Yoshida, M. 50344

Yamanaka, R. *see* Fukuda, H. 62615
Yamanaka, R. *see* Saiki, A. 62438
Yamanaka, S., McCandless, B.E., Birkmire, R.W. Reaction chemistry of $CuInSe_2$ formation by selenization using elemental Se 100663
Yamanaka, T. Chromaticity measurement of enclosed lens type retroflective materials under daytime and night-time geometric conditions 76224
Yamanaka, T., Kamada, H., Yoshikuni, Y., Lui, W.W., Seki, S., Yokoyama, K. Dependence of valence-subband dispersion relations on heterointerface boundary conditions in $In_xGa_{1-x}As_yP_{1-y}/InP$ narrow quantum wells 81275
Yamanaka, T., Nishimoto, A., Kakui, Y., Nanjo, M. Measurement of the spectral coefficient of retroreflection for retroreflective materials 98331
Yamanaka, T., Ueda, K., Ohki, N., Hashimoto, N., Hashimoto, T., Shimizu, A., Ishida, H., Nishida, T., Kure, T., Takasugi, K., Sasaki, K., Takeda, E., Nagano, T. A 2.3 μm^2 single-bit-line SRAM cell with high soft-error-immune structure 70510
Yamanaka, T. *see* Aoai, T. 81622
Yamanaka, T. *see* Hashimoto, T. 71666
Yamanaka, T. *see* Ida, M. 86240
Yamanaka, T. *see* Ikeda, S. 92194
Yamanaka, T. *see* Ishibashi, K. 49420
Yamanaka, T. *see* Ishibashi, K. 70536
Yamanaka, T. *see* Ishibashi, K. 70564
Yamanaka, T. *see* Kano, F. 63782
Yamanaka, T. *see* Lui, W.W. 63773
Yamanaka, T. *see* Ohtaka, O. 48908
Yamanaka, T. *see* Seki, S. 63779
Yamanaka, T. *see* Tachibana, S. 70541
Yamanaka, Y., Inanobe, T., Hoshina, T., Takada, S. A magneto-optical video disk recorder for 625/50 digital component signal 97690
Yamanari, S. *see* Yoshimura, O. 61620
Yamanari, T. *see* Kuwabara, H. 61319
Yamanashi, H. *see* Katsumata, M. 61427
Yamanashi, H. *see* Scheckler, E.W. 71453
Yamane, H., Ideguchi, T., Tokuda, M. Stabilities against temperature and environment for ground resistance reducing material using water absorbent polymer 99758
Yamane, H., Ideguchi, T., Tokuda, M., Koga, H. Fundamental characteristics for ground resistance reducing material using water absorbent polymer 61429
Yamane, H., Ideguchi, T., Tokuda, M., Koga, H. A new ground resistance-reducing material based on water-absorbent polymer 99743
Yamane, H. *see* Kawanago, S. 96912
Yamane, H. *see* Sasaki, Y. 65637
Yamane, K., Yoshida, K., Aya, I. Numerical analysis of electric field in a closed space injected with charged fluid 64069
Yamane, S., Kaneko, Y., Kitahara, N., Ohshima, K., Yamamoto, M. Neural network and fuzzy control of weld pool with welding robot 69271
Yamane, S. *see* Ishino, M. 97666
Yamane, T. *see* Atsumi, S. 49426
Yamane, T. *see* Yamada, S. 92187
Yamanishi, H. *see* Nago, K. 72044
Yamanishi, K. *see* Ishii, H. 49908
Yamanishi, M. Combined quantum control of electron- and photon-systems in semiconductor mesoscopic structures: Toward an ultimate goal of semiconductor light emitters 72925
Yamanishi, M. *see* Nishikawa, T. 83213
Yamanishi, Y. *see* Sugawara, Y. 71235
Yamanishi, Y. *see* Uchihashi, T. 71387
Yamano, A. *see* Harafuji, K. 62434
Yamano, K. *see* Usuki, T. 82368
Yamano, T. *see* Nakamura, T. 59430
Yamano, Y. Sparks in a small gap between HV spherical metal electrode and corona-charged organic film 63093
Yamano, Y. *see* Ohmi, K. 70143
Yamanobe, T. *see* Igarashi, Y. 71432
Yamanoi, G. *see* Cho, Y. 55288
Yamanoi, T., Saitoh, T., Tomita, D., Jinno, K., Miyano, S., Kondou, Y. Semiconductive accelerometer 58659
Yamanoi, Y. *see* Tanaka, K.H. 76567
Yamanouchi, C. *see* Nagashima, N. 86839
Yamanouchi, H. *see* Nishimoto, T. 99705
Yamanouchi, K. Mobile communication systems and surface acoustic wave devices 65699
Yamanouchi, K., Meguro, T., Wagatsuma, Y., Odagawa, H., Yamamoto, K. Nanometre electrode fabrication technology using anodic oxidation resist films and applications to 10 GHz surface acoustic wave devices 63118
Yamanouchi, K., Meguro, T., Wagatsuma, Y., Odagawa, H., Yamamoto, K. Nanometer electrode fabrication technology using anodic oxidation resist and application to unidirectional surface acoustic wave transducers 71901
Yamanouchi, K., Meguro, T., Wagatsuma, Y., Odagawa, H., Yamamoto, K. Nano-meter electrode fabrication technology using electro-chemical effects and applications to 15 GHz-range surface acoustic wave devices 93836
Yamanouchi, K., Odagawa, H., Meguro, T., Wagatsuma, Y., Yamamoto, K. Nano-meter electrode fabrication technology using anodic oxidation resist and application to 20 GHz-range SAW devices 93840
Yamanouchi, K., Shimizu, G., Morishita, K. 2.5 GHz-range SAW propagation and reflection characteristics and application to passive electronic tag and matched filter 93841
Yamanouchi, K. *see* Karasawa, S. 49263
Yamanouchi, K. *see* Odagawa, H. 56184
Yamanouchi, K. *see* Sato, M. 97895
Yamanouchi, K. *see* Takeuchi, M. 77736
Yamanouchi, M. *see* Kohno, M. 80689
Yamanouchi, Y. *see* Fukui, K. 75715
Yamao, Y., Nagao, Y. Predictive antenna selection diversity (PASD) for TDMA mobile radio 65709
Yamao, Y. *see* Tarusawa, Y. 55155
Yamaoka, K., Masumoto, M., Sakai, Y. A new flooding scheme for B-ISDN 96801
Yamaoka, N. *see* Saito, M. 53519
Yamaoka, N. *see* Sekimoto, Y. 67333
Yamaoka, S. *see* Kanda, H. 69920
Yamaoka, T., Iida, H. Method for predicting utterances using a layered plan recognition model—disambiguation of speech recognition candidates by focusing on speaker intentions 84140
Yamasaki, D. *see* Yanashima, K. 70019
Yamasaki, E. *see* Tanaka, H. 49424
Yamasaki, E. *see* Tanaka, H. 70557
Yamasaki, H. *see* Harada, N. 69017
Yamasaki, H. *see* Yamaguchi, T. 98313
Yamasaki, I., Hasegawa, M., Ikarashi, S., Okada, S. Data compression of digital images with grey level using triangular plane patches 57633
Yamasaki, I. *see* Furukawa, T. 64716
Yamasaki, I. *see* Kaneiwa, M. 100571
Yamasaki, J., Takajo, N., Humphrey, F.B. Helical anisotropy and Matteucci effect in Co-Si-B amorphous wires with negative magnetostriction 71995
Yamasaki, J. *see* Yoshida, Y. 66295
Yamasaki, K. *see* Hino, S. 75156
Yamasaki, K. *see* Hirano, M. 55827
Yamasaki, K. *see* Nishikido, J. 96940
Yamasaki, K. *see* Rikihisa, K. 78185
Yamasaki, K. *see* Shimamoto, N. 65088
Yamasaki, K. *see* Suehiro, J. 63096
Yamasaki, K. *see* Tokumitsu, M. 80855
Yamasaki, M. *see* Katsumata, I. 53264
Yamasaki, N.Y. *see* Takahashi, T. 76760
Yamasaki, R.G., Pan, T., Palmer, M., Browning, D. A 72 Mb/s PRML disk-drive channel chip with an analog sampled-data signal processor 93887
Yamasaki, S., Sugita, K. Safety devices for 750 m/min elevators 78915
Yamasaki, S. *see* Hayashi, S. 92919
Yamasaki, S. *see* Mizutani, N. 56264
Yamasaki, T., Seki, N., Onozawa, Y., Maeda, M., Tsuzuki, T. Color interchange mechanism considering color adaptation and gamut mapping 52750
Yamasawa, K. *see* Onodera, S. 89964
Yamasawa, K. *see* Suzuki, Y. 52797
Yamasawa, M. Multimedia mobile communication systems 52352
Yamashima, H. *see* Fukuda, A. 86309
Yamashina, M. Image processing DSP 55303
Yamashina, M. *see* Mizuno, M. 70426
Yamashina, M. *see* Nomura, M. 49485
Yamashina, M. *see* Suzuki, K. 92288
Yamashina, M. *see* Yamashita, N. 92240
Yamashina, M. *see* Yamashita, N. 92289
Yamashita, A. *see* Ikehara, M. 84197
Yamashita, E. *see* Hasegawa, T. 83783
Yamashita, E. *see* Tefiku, F. 49637
Yamashita, E. *see* Yongxi Qian 83862
Yamashita, E. *see* Yongxi Qian 98279
Yamashita, E. *see* Zhewang Ma 83743
Yamashita, E. *see* Zhewang Ma 94901
Yamashita, F., Yoshimura, T. Anisotropic melt-spun Nd-Fe(Co)-B-Ga magnets made by direct joule heating 82291
Yamashita, F. *see* Isobe, T. 58520
Yamashita, H. Numerical analysis of a discrete-time finite capacity queue with a burst arrival 61077
Yamashita, H. Discrete-time analysis of a classified multi-server queue with burst arrivals and a shared buffer 91205
Yamashita, H., Sasaki, M., Ohsawa, S., Miyagawa, R., Ohba, E., Nakamura, N., Endoh, N., Inoue, I., Matsunaga, Y., Egawa, Y., Endo, Y., Yamaguchi, T., Iida, Y., Furukawa, A., Manabe, S., Ishizuka, Y., Ichinose, H., Niiyama, T., Ihara, H., Nozaki, H., Yanase, I., Sakuma, N., Sakakubo, T., Honda, H., Masuoka, F., Sano, S.-I. A 2/3-inch 2M-pixel STACK-CCD imager 97663
Yamashita, H. *see* Cingoski, V. 64053
Yamashita, H. *see* Cingoski, V. 83427
Yamashita, H. *see* Cingoski, V. 90650
Yamashita, H. *see* Dobashi, Y. 90626
Yamashita, H. *see* Dooyeong Park 69679
Yamashita, H. *see* Forster, E. O. 63090
Yamashita, H. *see* Hata, Y. 62921
Yamashita, H. *see* Inoue, K. 78589
Yamashita, H. *see* Ishihara, T. 85769
Yamashita, H. *see* Iwano, K. 79747
Yamashita, H. *see* Kurokawa, T. 61851
Yamashita, H. *see* Muranaka, Y. 70079
Yamashita, H. *see* Ozaki, S. 70623
Yamashita, H. *see* Yamaguchi, K. 75159
Yamashita, H. *see* Yamazawa, K. 66640
Yamashita, J., Uenishi, A., Tomomatsu, Y., Haruguchi, H., Takahashi, H., Takata, I., Hagino, H. A study on the short circuit destruction of IGBTs 55969
Yamashita, J. *see* Kaneko, S. 83084
Yamashita, J. *see* Kiyayama, T. 86356
Yamashita, K., Harada, K., Yamada, Y. 150-Mbit/s, 600-Mbit/s, and 2.4-Gbit/s optical interface modules for SDH transmission systems 75439
Yamashita, K., Nakachi, T., Miyagi, H. A design method of two-dimensional lattice filter 74179
Yamashita, K., Nakata, M., Kamogawa, N., Yumoto, O., Kodera, H. Compact-same-size 52- and 156 Mb/s SDH optical transceiver modules 97253
Yamashita, K., Nomura, N. New evaluation method of resist coating using heterodyne holographic wafer alignment 81683
Yamashita, K., Takemoto, A., Hatta, T., Adachi, A. A low-distortion distributed-feedback laser diode and module for CATV 83083
Yamashita, K. *see* Endo, M. 61717
Yamashita, K. *see* Kaneko, F. 62031
Yamashita, K. *see* Kotani, H. 92223
Yamashita, K. *see* Kotani, H. 92236
Yamashita, K. *see* Kurimoto, K. 71564
Yamashita, K. *see* Matsuo, T. 71356
Yamashita, K. *see* Matsuo, T. 71540
Yamashita, K. *see* Notohara, Y. 68882
Yamashita, K. *see* Ohtsuki, F. 86318
Yamashita, K. *see* Okada, Y. 78621
Yamashita, K. *see* Sangawa, U. 81731
Yamashita, K. *see* Sasago, M. 49933
Yamashita, K. *see* Sasago, M. 81733
Yamashita, K. *see* Yasuda, A. 75672
Yamashita, K. *see* Yasuda, A. 77261
Yamashita, K. *see* Yosomiya, M. 79022
Yamashita, M. The analysis of event-related potentials elicited during calculation task using the sequential difference method 98904
Yamashita, M., Miyazaki, S., Masuda, H., Komoda, M., Murata, Y., Hirasawa, N. Development of the essential portable phone "Hot Dog" 58248
Yamashita, M., Morita, R., Sone, H. Nonlinear optical properties of organic crystals and femtosecond optical pulse compression 50961
Yamashita, M., Shimizu, K., Matsumoto, G. Development of a technique to evaluate human exposure to ion-current fields using boundary element method — for environmental assessment of high voltage transmission lines 99001
Yamashita, M., Suenaga, T., Wada, T. Recording characteristics of low flying single pole head 72100
Yamashita, M., Tanaka, T., Tsuji, Y. Application of the numerical simulation of particle motion for electrophotographic process 63547
Yamashita, M. *see* Ishibashi, T. 56611
Yamashita, M. *see* Morita, R. 94596
Yamashita, M. *see* Ozawa, J. 68896
Yamashita, M. *see* Qianren Zhang 78755
Yamashita, M. *see* Sato, N. 65939
Yamashita, M. *see* Torizuka, K. 56695
Yamashita, N., Kimura, T., Fujita, Y., Aimoto, K., Manabe, T., Okazaki, S., Nakamura, K., Yamashina, M. A 3.84 GIPS integrated memory array processor with 64 processing elements and a 2-Mb SRAM 92240
Yamashita, N., Kimura, T., Fujita, Y., Aimoto, Y., Manabe, T., Okazaki, S., Nakamura, K., Yamashina, M. A 3.84 GIPS integrated memory array processor LSI with 64 processing elements and 2 Mb SRAM 92289
Yamashita, N., Tsukamoto, K., Endo, H., Yachi, T. A small and highly efficient switching DC amplifier 91912
Yamashita, N. *see* Nakamoto, T. 98148
Yamashita, S. The Pick version of the Schwarz lemma and comparison of the Poincaré densities 91177
Yamashita, S., Kusama, H., Hirao, M., Nishimura, H., Nakae, K., Kataoka, N., Kanda, Y., Miyamori, M. Electronic crash sensing unit for SRS airbag 60586
Yamashita, S., Okoshi, T. Suppression of beat noise from optical amplifiers using coherent receivers 75461
Yamashita, S. *see* Takai, A. 52558
Yamashita, T., Inouchi, Y., Fujiwara, S., Matsuda, Y., Inami, H., Matsunaga, K., Matsuda, K. Extraction of high current Cr ion beam from a multicusp metal ion source 53218
Yamashita, T., Nakashima, H., Yasui, H., Nagashima, M. Laser nanometer probe utilizing beam diffraction pattern change as a function of displacements from the focal point 87510
Yamashita, T., Takenouchi, O., Matsuo, H. Gas temperature in a local discharge on an electrolytic solution surface in low-pressure air under an impulse voltage 71843
Yamashita, T. *see* Au, R. 92453
Yamashita, T. *see* Chen, J. 82354
Yamashita, T. *see* Godler, I. 89786
Yamashita, T. *see* Godler, I. 100165

Yamashita, T. *see* Irie, H. 68711
Yamashita, T. *see* Komori, S. 70514
Yamashita, T. *see* Mizugaki, Y. 80533
Yamashita, T. *see* Nakajima, K. 72233
Yamashita, T. *see* Nojima, H. 66316
Yamashita, T. *see* Ranjan, R. 63181
Yamashita, T. *see* Shirasaki, S. 58082
Yamashita, T. *see* Sugitani, K. 80409
Yamashita, Y., Mizoguchi, R., Mizutani, N., Kakusho, O. Speech synthesis from concept representation in general speech output interface 84155
Yamashita, Y. *see* Ito, M. 92321
Yamashita, Y. *see* Kanai, H. 82103
Yamashita, Y. *see* Kawasaki, S. 66805
Yamashita, Y. *see* Kobayashi, H. 55889
Yamashita, Y. *see* Koide, Y. 84571
Yamashita, Y. *see* Miyazaki, T. 88402
Yamashita, Y. *see* Nagata, H. 81725
Yamashita, Y. *see* Ohta, T. 55840
Yamashita, Y. *see* Okuyama, H. 81595
Yamashita, Y. *see* Sato, Y. 56132
Yamashita, Y. *see* Shiho, M. 50886
Yamashita, Y. *see* Takata, T. 95188
Yamashita, Y. *see* Tsumori, K. 53191
Yamatani, M. *see* Kiyono, S. 87504
Yamato, J., Kurakake, S., Tomono, A., Ishii, K. Human action recognition using HMM with category-separated vector quantization 95735
Yamato, K. *see* Hata, Y. 49254
Yamato, K. *see* Hata, Y. 55229
Yamato, K. *see* Hata, Y. 61679
Yamato, K. *see* Kamiura, N. 49262
Yamato, K. *see* Kamiura, N. 55248
Yamato, K. *see* Miyashita, T. 54145
Yamauchi, D. *see* Kasody, R.E. 80756
Yamauchi, D. *see* Marosi, L. 92577
Yamauchi, D. *see* Sharma, A.K. 80840
Yamauchi, H., Akamatsu, H., Fujita, T. A low power complete charge-recycling bus architecture for ultra-high data rate ULSIs 76140
Yamauchi, H. *see* Kimura, T. 91567
Yamauchi, H. *see* Masai, J. 63244
Yamauchi, H. *see* Meng, T. 74516
Yamauchi, H. *see* Suzuki, T. 92217
Yamauchi, J., Ando, T., Ikegaya, M., Nakano, H. Effects of trench location on the attenuation constant in bent step-index optical waveguides 50462
Yamauchi, J., Saito, O., Ikegaya, M., Sawamoto, T., Nakano, H. Comparison of insertion losses of S-shaped optical waveguide bends 56381
Yamauchi, J., Shibayama, J., Nakano, H. FFT beam-propagation method using Pade approximant operators 94945
Yamauchi, K. *see* Murata, M. 62326
Yamauchi, K. *see* Toyokura, M. 92281
Yamauchi, M., Matsuda, K. Interferometric straightness measurement system using a holographic grating 58972
Yamauchi, N., Kakuda, N., Hisaki, T. Characteristics of high mobility polysilicon thin-film transistors using very thin sputter-deposited SiO_2 films 93375
Yamauchi, N. *see* Kohda, S. 72459
Yamauchi, N. *see* Okamura, M. 66371
Yamauchi, O., Matsumoto, H., Goto, S. Improved fiber transfer and test system. A system that makes it possible to test 160-km optical-fiber long-transmission lines 86336
Yamauchi, R. *see* Aizawa, T. 94195
Yamauchi, T., Cioffi, J.M. A nonlinear model for thin film disk recording systems 50328
Yamauchi, T., Ouchi, N., Shimano, H. Motion-compensated TV standards converter using motion vectors computed by an iterative gradient method 75712
Yamauchi, T. *see* Furui, M. 58592
Yamauchi, T. *see* Inagaki, K. 60607
Yamauchi, T. *see* Inkyu Lee 72160
Yamauchi, T. *see* Murabayashi, F. 49486
Yamauchi, Y. *see* Ma, Y. 70516
Yamauchi, Y. *see* Nittono, T. 93586
Yamauchi, Y. *see* Osafune, K. 49675
Yamauchi, Y. *see* Umeda, H. 95165
Yamaura, Y. *see* Yamamoto, K. 59131
Yamawaki, K. *see* Ichikawa, S. 61283
Yamawaki, M. *see* Kawashima, H. 98094
Yamawaki, M. *see* Sugawara, M. 98108
Yamawaki, R. *see* Noge, S. 100160
Yamawaki, T. *see* Hashimoto, Y. 66619
Yamawaki, T. *see* Yoshizawa, K. 99047
Yamaya, K. *see* Matsuura, K. 72255
Yamayoshi, Y., Hirose, S., Sone, S., Nakamura, H. An analysis of the driving force and optimum frequency of a noncontact-type ultrasonic motor 71907
Yamayoshi, Y. *see* Hirose, S. 100177
Yamazaki, A., Dosaka, K., Ogawa, T., Kuroiwa, M., Fukuda, H., Johnson, G., Kumanoya, M. A concurrent operating CDRAM for low cost multi-media 70551
Yamazaki, A. *see* Iwamoto, H. 92216
Yamazaki, A. *see* Kawata, Y. 77614
Yamazaki, A. *see* Taoka, H. 53641
Yamazaki, A. *see* Taoka, H. 78242
Yamazaki, D., Nishi, C., Okanobu, T. A complete single chip AM stereo/FM stereo radio IC 86683
Yamazaki, D. *see* Matsuno, G. 98163
Yamazaki, G., Kobayashi, N., Takagi, H., Wolff, R.W. Performance analysis of a slotted ring LAN by a single-buffer model 96621
Yamazaki, H., Watanabe, K. Electrical and optical properties of oxygen-ion hot-implanted GaAs layers 55698
Yamazaki, H., Yamaguchi, M., Kitamura, M. Spectral linewidth rebroadening in MQW-DFB LDs caused by spontaneous emission noise in SCH/barrier layers 50829
Yamazaki, H. *see* Kiya, H. 92390
Yamazaki, H. *see* Miyagi, M. 56300
Yamazaki, H. *see* Sawamura, T. 67363
Yamazaki, H. *see* Tsujino, J. 77754
Yamazaki, J. Ultra-high-sensitive TV camera 75721
Yamazaki, J. *see* Toyoshima, H. 48944
Yamazaki, K., Kennedy, R.A. Reformulation of linearly constrained adaptation and its application to blind equalization 74088
Yamazaki, K., Nakajima, S. An integrated atomic force microscopy/scanning tunneling spectroscopy microscope and its application for *p-n* junction observations 81285
Yamazaki, K., Wakahara, Y. ATM transport with dynamic capacity control for interconnection of private networks 51760
Yamazaki, K. *see* Hamada, S. 81589
Yamazaki, K. *see* Miyasaka, T. 90030
Yamazaki, K. *see* Yamaguchi, K. 75159
Yamazaki, M., Onishi, K. The latest group-control system for double-deck elevators 78921
Yamazaki, M., Rahardjo, E.T., Haneishi, M. Construction of a slot-coupled planar antenna for dual polarisation 95041
Yamazaki, M. *see* Chen, B. 49220
Yamazaki, M. *see* Fujita, M. 92087
Yamazaki, M. *see* Kawate, K. 82831
Yamazaki, M. *see* Kitazawa, M. 75437
Yamazaki, M. *see* Sato, H. 91760
Yamazaki, N. *see* Wakiwaka, H. 58443
Yamazaki, O. *see* Kawamura, A. 70508
Yamazaki, S. *see* Kubo, N. 93373
Yamazaki, S. *see* Kurakake, H. 63830
Yamazaki, S. *see* Ono, T. 65840
Yamazaki, S. *see* Shoji, H. 94504
Yamazaki, S. *see* Tanaka, T. 71116
Yamazaki, S. *see* Uchida, T. 50848
Yamazaki, T., Goto, K., Fukano, T., Nara, Y., Sugii, T., Ito, T. 21 psec switching 0.1 μm-CMOS at room temperature using high performance Co salicide process 93422
Yamazaki, T., Seki, Y., Hoshi, Y., Kumagai, N. The IGBT with monolithic overvoltage protection circuit 55970
Yamazaki, T., Shirazi, M.N., Noda, H. Data-driven segmentation of noisy images modeled with Markov random fields 57634
Yamazaki, T., Shirazi, M.N., Noda, H. Data-driven segmentation of degraded images based on Markov random field models 74245
Yamazaki, T., Takino, O., Matsuoka, R., Ito, S. Flashover voltage characteristics of contaminated station insulators under temporary AC overvoltages in the AC system connected with a frequency converter station 78166
Yamazaki, T., Terakado, S., Ishii, K., Yoshimoto, K., Ito, M., Ishii, T., Hirai, N., Hayashi, T. Plastic PTC heater with high electric power density 90671
Yamazaki, T., Yamada, K., Sei, N., Ohgaki, H., Kawai, M., Yokoyama, M., Hamada, S., Sugiyama, S., Mikado, T., Suzuki, R., Noguchi, T., Chiwaki, M., Iwata, A. Lasing at 352 nm of the NIJI-IV storage-ring free-electron laser 94544
Yamazaki, T. *see* Goto, K. 49923
Yamazaki, T. *see* Goto, K. 71420
Yamazaki, T. *see* Imai, K. 71828
Yamazaki, T. *see* Iwasaki, S. 96929
Yamazaki, T. *see* Koden, M. 50591
Yamazaki, T. *see* Kumagai, N. 55878
Yamazaki, T. *see* Maeda, K. 72505
Yamazaki, T. *see* Manabe, H. 96381
Yamazaki, T. *see* Nakamura, K. 92228
Yamazaki, T. *see* Nakamura, K. 92237
Yamazaki, T. *see* Ohgaki, H. 87963
Yamazaki, T. *see* Ono, M. 77221
Yamazaki, T. *see* Takahashi, Y. 86792
Yamazaki, Y., Miyoshi, M. Current density limitation in pseudo stigmatic imaging 71021
Yamazaki, Y., Miyoshi, M. Spot growth of an electron beam with an elliptical cross section due to a space charge effect 73235
Yamazaki, Y., Ohotoshi, K., Sakai, I., Sugiharas, K., Miyoshi, M. Cleaning of electron beam-induced contamination in the electron beam column 81739
Yamazaki, Y. *see* Homma, T. 72038
Yamazaki, Y. *see* Ohsawa, S. 76312
Yamazaki, Y. *see* Soeda, K. 61704
Yamazaki, Y. *see* Tomita, N. 90376
Yamazato, T. *see* Toshimitsu, K. 65557
Yamazawa, K., Uemura, M., Yamashita, H., Forster, E.O. Pulse measurements using LED in dielectric liquids under impulse voltages 66640
Yamazoe, H. *see* Wakita, N. 72464
Yamazoe, N., Miura, N. Environmental gas sensing 99300
Yamazoe, N. *see* Tamaki, J. 76109
Yamazoe Noboru *see* Noboru Yamazoe
Yamdagni, N. *see* Alippi, C. 53346
Yamdagni, N. *see* Alippi, C. 67381
Yamdagni, N. *see* Bohm, C. 98679
Yamdagni, N. *see* Dell'Acqua, A. 87955
Yamdagni, N. *see* Dell'Acqua, A. 98680
Yaming Sun *see* Sun Yaming
Yaming Zhang *see* Zhang Yaming
Yampolsky, I., Kirkman, G., Reinhardt, N., Hur, J., Jiang, B. Novel gigawatt power modulator for RF sources 67183
Yan, C., Beaufait, J., Brindza, P., Carlini, R., Vulcan, W., Wines, R. Beam raster system at CEBAF 73240
Yan, C., Carlini, R., Neuffer, D. Beam energy measurement using the Hall C beamline (CEBAF) 76444
Yan, C.L. *see* Rassokhin, N.G. 99837
Yan, D. *see* Qiang, H. 91677
Yan, F., Shi, L., Manesse, G. Automatic modelling of power static converters by parallel Petri nets 90144
Yan, F. *see* Wang Xu 72382
Yan, H. *see* Lam, K.-M. 95899
Yan, H. *see* Liu, N. 64703
Yan, J. *see* Bai, J.Z. 53324
Yan, J. *see* Beshai, M. 85861
Yan, J. *see* Bhat, M. 93167
Yan, J. *see* Yoon, G.W. 71836
Yan, J.H. *see* Lin, C.E. 98270
Yan, K.T. *see* Kurachi, I. 80152
Yan, L.G., Lin, L.Z., Wang, Z.K., Gao, Z.Y., Jing, B.H., Han, B.S., Peng, S.W., Wang, S.L., Zenkevitch, V.B., Vesselovski, A.S., Kirienin, I.A., Baev, V.P. A saddle superconducting magnet for experimental MHD generator 90456
Yan, L.G., Song, S.S., Yi, C.L., Ye, Z.X., Nan, H.L., Dai, Y.M., Zhang, F.Y., Li, H.D., Ye, P., Tu, G.B., Li, X.S., Li, X.Y., Zheng, J.X. Laboratory test of an industrial superconducting magnetic separator for kaolin clay purification 83578
Yan, L.G. *see* Lin, L.Z. 94024
Yan, M. *see* McCanny, J.V. 70258
Yan, M. *see* McCanny, J.V. 80061
Yan, M. *see* McGovern, F.A. 49471
Yan, M.-T. *see* Huang, S.-J. 69270
Yan, P., Longbotham, H. Recursive FatBear filter 64621
Yan, P.W. Development and status of a 34 kV pilot automation project at Commonwealth Edison Company 89073
Yan, R.-H. *see* Warwick, C.A. 56048
Yan, R.H. *see* Lee, K.F. 62856
Yan, R.H. *see* Lee, K.F. 93613
Yan, R.H. *see* Manchanda, L. 62854
Yan, R.H. *see* Yu, D.C.H. 82078
Yan, S.L. *see* Feng, Y.J. 94033
Yan, S.P. *see* Bai, J.Z. 53324
Yan, W. *see* Rao, L. 48884
Yan, W.G. *see* Bai, J.Z. 53324
Yan, X. *see* Qi, X. 70234
Yan, X.-H., Leahy, R., Wu, Z., Cherry, S. MAP estimation of PET images using prior anatomical information from MR scans 59335
Yan, Y. *see* Ghyselen, B. 82382
Yan, Y. *see* Li, M. 66789
Yan, Y. *see* Syphers, M.J. 66966
Yan, Y. *see* Tran, H.J. 87715
Yan, Y.-F. *see* Zhang, C.N. 80242
Yan, Y.-J. *see* Cong, P. 73036
Yan, Y.H., Chen, C.S., Moo, C.S., Hsu, C.T. Harmonic analysis for industrial customers 60639
Yan, Y.H. *see* Hsu, C.T. 99662
Yan, Y.T., Channell, P.J., Li, M., Syphers, M.J. Long-term tracking with symplectic implicit one-turn maps 66849
Yan, Y.T. *see* Ellison, M. 66909
Yan, Y.T. *see* Mahale, N. 66967
Yan, Y.T. *see* Ning Sun 66990
Yan, Y.T. *see* Wang, Y. 66910
Yan, Z. *see* van Hoof, C. 94285
Yan, Z. *see* Zhang, B.M. 59823
Yan Bai *see* Bai Yan
Yan Beiping *see* Beiping Yan
Yan Chang *see* Chang Yan
Yan Cheung Shun *see* Shun Yan Cheung
Yan Chi *see* Chi Yan
Yan Dan Wang *see* Xuan San Cai 91904
Yan Di *see* Di Yan
Yan Gaoqiang, Jia Xuanjun, Liu Yuyan Effects of focusing lenses on methane Raman laser 56625
Yan Ge *see* Ge Yan
Yan Geng *see* Geng Yan
Yan Gongbiao *see* Zeng Weiliang 52753
Yan Guipan *see* Chen Shanhuai 80681
Yan Guo, Boon-Teck Ooi, Lee, H.C. Integration of turbo-generator modules in digital transient network analyzer 53642
Yan Guo, Boon-Teck Ooi, Lee, H.C. Integration of turbo-generator modules in digital transient network analyzer 78554
Yan Guo, Lee, H.C., Boon-Teck Ooi Extensible digital-signal-processing modules for real-time control and simulation 92254
Yan Guo, Xiao Wang, Lee, H.C., Boon-Teck Ooi Pole-placement control of voltage-regulated PWM rectifiers through real-time multiprocessing 68850

Yan Guoping *see* Zhang Guanghui 84474
Yan Hong *see* Hong Yan
Yan Hua *see* Lin Yingwen 52917
Yan Huang *see* Xinhua Zhuang 74571
Yan Huang *see* Xinhua Zhuang 95923
Yan Huiming Optical CT system with fiber optic sensor for high temperature distribution measurement 52916
Yan Jiafeng, Agui, T., Nagao, T. A complex transform for extracting circular arcs and straight line segments in engineering drawings 64708
Yan Jin-Tai *see* Jin-Tai Yan
Yan Jun *see* Zhang Xiaolin 74470
Yan Kuin Su *see* Jiin Wen Li 79784
Yan Li *see* Li Yan
Yan Lietong *see* Lietong Yan
Yan Lin *see* Lin Yan
Yan Liu, Jin-wu Xung, Geng-xian He Dynamic measurement of tiny displacement by dimension reduction 76206
Yan Liu *see* Min Zhao 75295
Yan Lu *see* Xue-shu Xie 89046
Yan Min *see* Min Yan
Yan Ming Cheng, O'Shaughnessy, D., Mermelstein, P. Statistical recovery of wideband speech from narrowband speech 95243
Yan Pengxun *see* Pengxun Yan
Yan Qingmeng, Zhang Rongling, Wang Ling, Wang Daguang An artificial intelligent control system for the security and stability of power system 99575
Yan Qiu Liu *see* Liu Yan Qiu
Yan Ran-Hong *see* Ran-Hong Yan
Yan Rongliang *see* Zhang Guoqiang 62317
Yan Rongliang *see* Zhang Guoqiang 93428
Yan Tan *see* Tan Yan
Yan Tang Yuan *see* Yuan Yan Tang
Yan Voon, L.C.Lew *see* Lew Yan Voon, L.C.
Yan Wang *see* Dianguo Xu 100845
Yan Wang *see* Wang Yan
Yan Xiao-Hai *see* Xiao-Hai Yan
Yan Xiong, Jia-Xiong Peng, Qiang Li An algorithm for single-pixel detection and tracking 95908
Yan Xiong *see* Qiang Li 95904
Yan Yangguang, Ruan Xinbo An example of cascade converters 99097
Yan Yangguang *see* Ruan Xinbo 100235
Yan Yi *see* Yi Yan
Yan Yin Development on multistrip monitor for nonintercepting measurement of beam geometric moments 76595
Yan Yingbai *see* Yingbai Yan
Yan Yip Kai *see* Kai Yan Yip
Yan Yixun *see* Cheng Shiping 50661
Yan Yixun *see* Cheng Shiping 72553
Yan Yongtie *see* Yongtie Yan
Yan Yuhong *see* Yuhong Yan
Yan Yung-Huei *see* Yung-Huei Yan
Yan Zhang, Kanterakis, E., Katz, A., Wang, J.-M. Optoelectronic wavelet processors based on Smartt interferometry 84724
Yan Zhuang *see* Zhuang Yan
Yan Zijun *see* Chen Jincan 78837
Yan-Chun Wang *see* Ben-Tao Yuan 60019
Yan-Da Li *see* Xian-Da Zhang 95431
Yan-Da Li *see* Li Yan-Da
Yan-Fei Liu, Sen, P.C. A general unified large signal model for current programmed DC-to-DC converters 100212
Yan-Jie Li *see* De-Ling Zheng 93102
Yan-Ping Chen *see* Chen Yan-Ping
Yan-puLiu, Shi-binxin, Huang-tieXia The studies of stability for dynamic routing in packet switching network 74651
Yan-puLiu, Shi-binxin, Huang-tiaXia Performance evaluation model for CSMA/CD bus under heavy load 74715
Yan-shen Du *see* Du Yan-shen
Yan-song Chen, De-hua Li A hybrid optical correlator for character recognition 74362
Yan-Song Chen *see* Zhiguo Zhang 94642
Yan-Xin Zhang *see* Dong-Xue Wang 84722
Yan-Zhong Zhang *see* Zhang Yan-Zhong
Yana, K., Yoshida, H., Komai, M. Measurement and estimation of system nonlinearity via a neural network 95599
Yana, K. *see* Bin He 98906
Yanagawa, H., Ono, T., Oyobe, A. Mode-field-converting fiber for coupling to photonic devices 72351
Yanagawa, H., Shimizu, T., Nakamura, S., Ueki, K., Ohyama, I. Silica-based star-coupler planar lightwave circuit for passive double-star network 72411
Yanagawa, H. *see* Hon-Ming Mak 65841
Yanagawa, K., Ohki, Y., Omata, T., Hosono, H., Ueda, N., Kawazoe, H. Preparation of $Cd_{1-x}Y_xSb_2O_6$ thin film on glass substrate by radio frequency sputtering 71124
Yanagawa, K., Yamanaka, K., Furukawa, T., Ishihara, A. A measurement of balanced transmission lines using S-parameters 96949
Yanagawa, N. *see* Tanaka, H. 100525
Yanagawa, N. *see* Tanaka, H. 100602
Yanagawa, T. *see* Jayasekara, L. 54661
Yanagawa, T. *see* Nishiyama, H. 54666
Yanagi, J. *see* Endo, N. 85252
Yanagi, K. An upper bound to the capacity of discrete time Gaussian channel with feedback. II 73580
Yanagi, K., Kobayashi, Y. Surface texture assessment in the tangential direction of a rigid magnetic disk to reduce the friction force between head and disk surface 50314
Yanagi, M. *see* Ito, T. 83371
Yanagi, N. *see* Imagawa, S. 94022
Yanagi, N. *see* Iwamoto, A. 93989
Yanagi, N. *see* Kawashima, T. 72263
Yanagi, N. *see* Mito, T. 89302
Yanagi, N. *see* Sumiyoshi, F. 82492
Yanagi, N. *see* Takahata, K. 82416
Yanagi, N. *see* Yamada, S. 72257
Yanagi, Y. *see* Watanabe, K. 87648
Yanagibashi, K. *see* Matsuda, T. 89378
Yanagida, H. *see* Byoung-Chul Shin 54992
Yanagida, H. *see* Hikita, K. 87315
Yanagida, H. *see* Hikita, K. 98166
Yanagida, H. *see* Isogai, Y. 71876
Yanagida, H. *see* Muto, N. 61436
Yanagida, H. *see* Ohara, Y. 50125
Yanagida, H. *see* Ohara, Y. 61442
Yanagida, H. *see* Sang-Jin Jung 58869
Yanagida, H. *see* Tsuji, K. 89397
Yanagida, H. *see* Ushio, Y. 49792
Yanagida, K. *see* Sasaki, S. 87741
Yanagida, K. *see* Suzuki, S. 67046
Yanagida, M. *see* Tanimoto, K. 78809
Yanagida, N., Takahashi, H., Takamatsu, Y. A study for multiple fault diagnosis in combinational circuits using sensitizing input-pairs 61639
Yanagidaira, T. *see* Takahama, Y. 88336
Yanagihara, M. *see* Ota, Y. 56085
Yanagihara, Y. *see* Sugahara, T. 98804
Yanagihara, Y. *see* Sugimoto, N. 53371
Yanagihashi, K., Maeda, T., Emura, T., Ikada, T., Harada, T. Digital relay techniques on the protection for the power capacitor and the AC filter 89381
Yanagihashi, K., Maeda, T., Fujimoto, T. Discriminating method of islanding for dispersed non-utility generator interconnected to high-voltage system 89399
Yanagihashi, K. *see* Matsuda, T. 89356
Yanagihashi, K. *see* Oura, Y. 68044
Yanagimachi, A., Kawai, N., Kimura, T. ISDB multimedia services and multiplexing system 96799
Yanagimachi, T., Oguri, H., Nayyer, J., Ishihara, S., Minowa, J. High-performance and highly stable 0.3-nm-full-width-at-half-maximum interference optical filters 63536
Yanagimachi, T. *see* Hasebe, N. 59057
Yanagisawa, E. *see* Tomita, N. 82402
Yanagisawa, H. *see* Tanaka, T. 50850
Yanagisawa, K., Katanishi, S., Fujishiro, T. Pellet-cladding mechanical interaction of PWR fuel rod under rapid power transient 89468
Yanagisawa, K. *see* Ohkubo, T. 50371
Yanagisawa, M. *see* Kodama, Y. 70531
Yanagisawa, M. *see* Suzuki, S. 63451
Yanagisawa, T. Correlation between light and current induced degradation in a-Si solar cells 100554
Yanagisawa, T. *see* Sato, E. 67498
Yanagisawa, T. *see* Sato, E. 67499
Yanagisawa, T. *see* Shikoda, A. 59219
Yanagisawa, T. *see* Takahashi, K. 81160
Yanagisawa, Y. *see* Ide, K. 78556
Yanagiswa, K. *see* Hosaka, H. 55454
Yanagita, H. *see* Shikida, A. 56702
Yanagita, I. *see* Fukui, A. 96748
Yanagiwara, M., Yoshimura, N., Noto, F. Image processing of treeing degradation phenomena in polypropylene spherulite 63088
Yanaka, M. *see* Nakaso, N. 70181
Yanaka, O. *see* Sugaya, I. 66066
Yanan Zhang *see* Hongxi Xue 80251
Yanase, I. *see* Yamashita, H. 97663
Yanashima, K., Yamasaki, D., Watabe, S., Hara, K., Yoshino, J., Kukimoto, H. Metalorganic vapor phase epitaxy growth of p-type ZnSSe and its application for blue-green lasers 70019
Yanashima, K. *see* Honda, T. 49878
Yanashima, K. *see* Honda, T. 83048
Yanashima, K. *see* Watada, M. 53454
Yanbin Zhu *see* Junfu Ma 76059
Yancey, S. *see* Uhrig, R.E. 68389
Yanchang Guo *see* Guo Yanchang
Yanchang Lu *see* Lu Yanchang
Yanchao Ji *see* Ji Yanchao
Yanchun Wang *see* Wang Yanchun
Yandao Jiang *see* Jiang Yandao
Yander, G. *see* Berko-Boateng, V. 54475
Yander, G.A. *see* Berko-Boateng, V. 54453
Yandrofski, R.M. *see* Hermann, A.M. 56284
Yaney, D.S. *see* Liu, C.T. 93616
Yanfeng Sun, Zhongtuo Wang The genetic algorithm for 0-1 programming with linear constraints 91322
Yang, A.H. *see* Yang, B.J. 63557
Yang, B. Subspace tracking based on the projection approach and the recursive least squares method 84418
Yang, B. *see* Aleksandrov, A.V. 87901
Yang, B. *see* Calabrese, R. 76741
Yang, B. *see* Chen, J.C. 91527
Yang, B. *see* Yung-Ho Chuang 62575
Yang, B.H. *see* Egilsson, T. 81501
Yang, B.J., Chen, L.C., Fan, X.W., Zhang, J.Y., Zheng, Z.H., Lu, Y.M., Guan, Z.P., Yang, A.H., Wang, S.M. Growth and optical bistability of $Zn_{0.78}Cd_{0.22}Se$-ZnSe multiple quantum wells by metalorganic chemical vapor deposition 63557
Yang, B.X., Ozeki, T., Hasegawa, H. Behavior of InP growth by gas source molecular beam epitaxy on singular and vicinal substrates 54931
Yang, C. *see* Anzivino, G. 67353
Yang, C. *see* Yildirim, C. 49252
Yang, C.-H.T. *see* Shih, F.Y. 96043
Yang, C.-Y., Lin, J.-C. Use of radius weighted mean to cluster two-class data 57741
Yang, C.C. *see* Villeneuve, A. 56853
Yang, C.C. *see* Villeneuve, A. 72357
Yang, C.D. *see* Lee, D.T. 61450
Yang, C.H., Wilson, R.A. Observation of femtosecond intersubband energy relaxation in a thin quantum well: novel hot-electron energy spectroscopy 62721
Yang, C.H. *see* Koukouvinos, C. 79519
Yang, C.J., Lee, W.Y., Choi, S.D. Magnetic properties of sintered Alnico 5 magnet via rapid solidification technology 71938
Yang, C.M. *see* Bai, J.Z. 53324
Yang, C.S. *see* Shi, S.S.B. 74838
Yang, C.Y., Qiao, J., Ajimine, E.M., Patel, P.P. Fabrication and electrical characterisation of superconductor-on-silicon devices 82392
Yang, C.Y. *see* Bai, J.Z. 53324
Yang, C.Y. *see* Gupta, A. 49869
Yang, C.Y. *see* Rahman, M.M. 54396
Yang, C.Z. *see* Bai, J.Z. 53324
Yang, D. The flexible composite ferroelectric functional films 56139
Yang, D., Bhattacharya, P.K., Brock, T., Alterovitz, S.A., Taub, S.R., Young, P.G. Low temperature microwave characteristics of 0.1 μm gate-length pseudomorphic $In_{0.52}Al_{0.48}As/In_xGa_{1-x}As$ (x=0.85 and 0.95) MODFET's 61903
Yang, D., Illingworth, J. Line based trinocular stereo 84665
Yang, D. *see* Ivey, D.G. 55657
Yang, D. *see* Karakucuk, M. 61950
Yang, D. *see* Sato, K. 91631
Yang, D.-K., West, J.L., Chien, L.-C., Doane, J.W. Control of reflectivity and bistability in displays using cholesteric liquid crystals 82733
Yang, D.-K. *see* Lu, Z.-J. 72480
Yang, D.R. *see* Chen, C.S. 92913
Yang, D.W.K. *see* Shih-Chieh Kim 86766
Yang, D.X.D. *see* Fowler, B. 98107
Yang, E. *see* Qiong Li 100373
Yang, E.S. *see* Li, P.W. 93385
Yang, E.S. *see* Yang, Y.F. 55916
Yang, E.S. *see* Yang, Y.F. 93509
Yang, E.X., Jiang, Y., Hua, G., Lee, F.C. Isolated boost circuit for power factor correction 49145
Yang, E.Y. *see* Stuart, A. 53429
Yang, F.M. *see* Wang, J.I. 71974
Yang, F.S., Zakhor, A. Block based halftoning at 45 degree "screen" angle 95960
Yang, G., Huang, T.S. Human face detection in a scene 96020
Yang, G., Leich, H., Boite, R. Voiced speech coding at very low bit rates based on forward-backward waveform prediction (FBWP) 73875
Yang, G., Pahlavan, K., Lee, J.F. A 3D propagation model with polarization characteristics in indoor radio channels 97108
Yang, G.-R., Soss, S.R., Nason, T.C., Ma, X.-F., Cocoziello, A., Long, B.Y., Zhu, Y.T., Du, J., Tjew, K.F. Amorphous Si:B films: microstructure and electrical properties 92973
Yang, G.-R. *see* Wu, P.K. 71001
Yang, G.G. *see* Paige, E.G.S. 73128
Yang, G.M., Seo, K.S., Byung-Doo Choe Diffusion of atomic Si in Si δ-doped GaAs and AlGaAs grown by MOCVD 71100
Yang, H., Koh, S.-N., Sivaprakasapillai, P. Speech coding based on multi-band excitation and linear prediction coefficient 73806
Yang, H., Koh, S.-N., Sivaprakasapillai, P. Enhancement of multiband excitation (MBE) by pitch-cycle waveform coding 95233
Yang, H. *see* Feldman, M.R. 82850
Yang, H. *see* Hua, Y. 84244
Yang, H. *see* Turlik, I. 90975
Yang, H.-N., Wang, G.-C., Lu, T.-M. Instability in low-temperature molecular-beam epitaxy growth of Si/Si(111) 91537
Yang, H.-P.D., Bhattacharya, P., Chen, Y.-C. Backgating characteristics of 0.1 μm gate $In_{0.3}Ga_{0.47}As/In_{0.52}Al_{0.48}As$/InP MODFETs with Er-doped $In_{0.52}Al_{0.48}As$ buffer layer 50047
Yang, H.C., Sung, H.H., Huang, C.Y., Horng, H.E., Lee, Y.T., Lo, J.T. Josephson effects in U-shaped $YBa_2Cu_3O_{7-y}$ microbridges 56275
Yang, H.C. *see* Ku, L.C. 82357
Yang, H.H., Shizgal, B. Chebyshev pseudospectral multi-domain technique for viscous flow calculation 79676
Yang, H.L. *see* Xu, L.A. 66770
Yang, H.S. *see* Huang, D. 72106
Yang, H.S. *see* Kim, H.J. 84934
Yang, H.S. *see* Kim, I.Y. 85134

Yang, I. *see* Zhen-Hong Zhou 54895
Yang, I. *see* Zhou, Z.H. 91498
Yang, I.Y. *see* Hang Hu 71821
Yang, J. Frequency domain noise suppression approaches in mobile telephone systems 86115
Yang, J., Roy, S. Joint transmitter-receiver optimization for multi-input multi-output systems with decision feedback 96188
Yang, J., Roy, S., Lewis, N.H. Data-driven echo cancellation for a multitone modulation system 57136
Yang, J., Swindlehurst, A. Signal copy with array calibration errors 95556
Yang, J., Ume, C. Performance evaluation of fiber array for NDE application 55002
Yang, J., Wu, Q., Reilly, J.P. A neural structure for direction finding with sensor array uncertainties 74108
Yang, J. *see* Banerjee, A. 78827
Yang, J. *see* Banerjee, A. 100523
Yang, J. *see* Grahann, G.M. 55027
Yang, J. *see* Guha, S. 90415
Yang, J. *see* Guha, S. 100584
Yang, J. *see* Koukouvinos, C. 79519
Yang, J. *see* Shen, N.-T. 54521
Yang, J. *see* Swindlehurst, A. 64547
Yang, J. *see* Wagner, S. 100589
Yang, J.-B. *see* Sen, P. 69524
Yang, J.-K. *see* Sheen, J.-N. 59778
Yang, J.C. *see* Xixiang Xu 100552
Yang, J.C.-Y., De Micheli, G., Damiani, M. Scheduling with environmental constraints based on automata representations 49088
Yang, J.F. *see* Lu, D.L. 53198
Yang, J.F. *see* Lu, D.L. 53257
Yang, J.J. *see* Ou, S.S. 72909
Yang, J.J. *see* Ou, S.S. 83148
Yang, J.J.-M. Reliability evaluation of a high-density thin-film multichip module 54590
Yang, J.W. *see* Stan, M.A. 54828
Yang, K., Andreou, A.G. Subthreshold analysis of floating-gate MOSFET's 56002
Yang, K. *see* Xue, Y. 89118
Yang, K.N. *see* Yeh, N.H. 52726
Yang, K.S. *see* Lin, K.H. 83673
Yang, L., Carey, K., Ludowise, M., Perez, W., Mars, D.E., Fouquet, J.E., Nauka, K., Rosner, S.J., Ram, R.J., Dudley, J.J., Babic, D.I., Bowers, J. Wafer bonding of InP and GaAs: interface characterization and device applications 55693
Yang, L., Lee, C.Q. Analysis and design of boost zero-voltage-transition PWM converter 60340
Yang, L., Phadke, A.G. Computer based directional distance relay for EHV/UHV transmission lines 78202
Yang, L., Zhang, Y., Lee, C.Q. A family of constant-switching-frequency quasi-square-wave converters 100358
Yang, L. *see* Arya, R.R. 90414
Yang, L. *see* Arya, R.R. 100522
Yang, L. *see* Dudley, J.J. 56807
Yang, L. *see* Kuroda, T. 70453
Yang, L. *see* Oswald, R. 90428
Yang, L. *see* Zhang, Y.F. 61534
Yang, L.-C. *see* Xiao, H.Z. 81261
Yang, L.C., Berry, G., Chou, L.J., Kenshole, G., Rockett, A., Mullan, C.A., Kiely, C.J. Sputtered $CuInSe_2$ polycrystalline and epitaxial films and devices 100511
Yang, L.C., Hansman, R.J., Jr. A human performance evaluation of enhanced vision systems for approach and landing 77178
Yang, L.J. A study of the deviation in performance rating of engineering students 69396
Yang, L.W., Brozovich, R.S., Ren, F., Abernathy, C.R., Pearton, S.J., Lothian, J.R., Shu Mercer, B., Spencer, J.E. High speed InGaP emitter HBTs fabricated with ECR dry etch technique 55930
Yang, L.W., Fu, S.T., Clark, B.F., Brozovich, R.S., Lin, H.H., Liu, S.M.J., Chao, P.C., Ren, F., Abernathy, C.R., Pearton, S.J., Lothian, J.R., Wisk, P.W., Fullowan, T.R., Chiu, T.Y., Pei, S.S. High microwave power performance of self-aligned InGaP/GaAs heterojunction bipolar transistors 62715
Yang, L.W. *see* Fu, S.T. 92527
Yang, L.W. *see* Kirtania, A.K. 55927
Yang, L.W. *see* Ren, F. 93351
Yang, M. *see* Hu, V. 88649
Yang, M. *see* Jenkins, R.G. 72258
Yang, M. *see* Merchant, K. 50276
Yang, M. *see* Soga, T. 100449
Yang, M.C.K., Jong-Sen Lee Object identification from multiple images based on point matching under a general transformation 74308
Yang, M.J., Bennett, B.R. InAs/GaSb infrared photovoltaic detector at 77 K 97989
Yang, O.W.W. Two-centre tree topologies for metropolitan area networks 85631
Yang, O.W.W., Yao, X.X. Performance of FDDI used in network interconnections 85808
Yang, O.W.W. *see* Yao, X.X. 96224
Yang, P. *see* Chien, C. 97007
Yang, P. *see* Duvvury, C. 93408
Yang, P.-F., Maragos, P. Morphological systems for character image processing and recognition 84963
Yang, Q., Butler, C. Sensor signal processing using neural networks for a 3-D fibre-optic position sensor 58811
Yang, Q.X. *see* Shizhe Li 98794
Yang, R., Gabbouj, M., Neuvo, Y. Synthesis of stack filters by rank selection probabilities 64415
Yang, R., Gabbouj, M., Neuvo, Y. Nonlinear image filtering with structural approach 64651
Yang, R.-c. *see* Lee, L.-s. 84079
Yang, R.H., Lim, Y.C. Novel efficient approach for the design of equiripple quadrature mirror filters 49543
Yang, R.H.-H., Taylor, D.P. Trellis-coded continuous-phase frequency-shift keying with ring convolutional codes 95070
Yang, R.Q., Xu, J.M., Liu, H.C. Effect of nonparabolicity on the lifetime limited ultimate frequency in resonant tunneling diodes 81790
Yang, S. *see* Harn, L. 51317
Yang, S. *see* Russ, J. 59135
Yang, S.-K., Peter, S., Takoudis, C.G. Fundamentals of two-step etching techniques for ideal silicon-hydrogen termination of silicon(111) 81545
Yang, S.-Y., Yang, Y., Abelson, J.R., An, I., Lu, Y., Wronski, C.R., Collins, R.W. Hydrogen effects on the TCO/a-Si,C:H interface: progress by the NREL wide bandgap team 90448
Yang, S.J. *see* Beerschwinger, U. 49030
Yang, S.J. *see* Hwang, H.-P. 55886
Yang, S.J. *see* Mathieson, D. 100184
Yang, S.J. *see* Milne, N.G. 90039
Yang, S.J. *see* So, E.C.T. 68656
Yang, S.M., Chui, J.S. Dither-motor design with concurrent sensing and actuating piezoelectric materials [Ring laser gyroscope] 83217
Yang, S.M., Lee, Y.J. Modal analysis of stepped beams with piezoelectric materials 82225
Yang, T. *see* Ming-Shih Chen 65201
Yang, T. *see* Wang, H.-C. 85568
Yang, T.C. Synchronous generator stabilizer design through incomplete state feedback 54000
Yang, T.C., Yates, T.W. Scattering from an object in a stratified medium. II. Extraction of scattering signature 86613
Yang, T.S. *see* Liu, C.T. 93616
Yang, T.T., Kai Yan Yip Use of MOBITEX wireless wide area networks as a solution to land-based positioning and navigation 65948
Yang, T.T., Kai Yan Yip Use of MOBITEX wireless wide area networks as a solution to land-based positioning and navigation 75670
Yang, W. A wide-dynamic-range, low-power photosensor array 98109
Yang, W. *see* Friedman, D.J. 66462
Yang, W.-H., Chan, K.-K., Chang, P.-R. Complex-valued neural network for direction of arrival estimation 51522
Yang, W.-P., Ker, J.-S., Kuo, Y.-H., Ho, Y.-K. Two-level partitioning algorithm with stable performance 61459
Yang, W.L., Owen, R.M., Irwin, M.J. FPGA-based synthesis of FSMs through decomposition 49272
Yang, W.Q., Brant, M.R., Beck, M.S. A multi-interface level measurement system using a segmented capacitance sensor for oil separators 87600
Yang, W.Q., Stott, A.L. A low-cost wide-frequency-range three-phase sine-wave signal generator using direct digital synthesis technique 61597
Yang, W.Q., Stott, A.L., Beck, M.S. High frequency and high resolution capacitance measuring circuit for process tomography 66644
Yang, W.Q., Wang, H.X., Xie, C.G., Brant, M.R., Beck, M.S. Design and fabrication of segmented capacitance level sensor for an oil separation tank 87088
Yang, W.T. *see* Feng, W.S. 70232
Yang, X., Kawamata, M., Higuchi, T. Implementation of TDM-FDM transmultiplexers by using periodically time varying digital filters 65497
Yang, X., Kawamata, M., Higuchi, T. Coefficient sensitivity analysis of periodically time-varying state-space digital filters 92377
Yang, X., Vertal, M. Executable system modeling of a mobile communication system with multiresolution spectrum estimation of Doppler shift 75303
Yang, X., Wrigley, C.Y., Lindmayer, J. Three-dimensional optical storage system based on electron trapping thin films 56314
Yang, X. *see* Arodzero, A. 59076
Yang, X. *see* Bashir, A. 88172
Yang, X. *see* Feliachi, A. 68106
Yang, X. *see* Matiullah 88180
Yang, X. *see* Matiullah 88181
Yang, X.-F. *see* Noren, J. 76601
Yang, X.F. *see* Bai, J.Z. 53324
Yang, X.H., Shafai, L. Nodal-based basis function for full wave analysis of microstrip antennas with arbitrary geometries 57220
Yang, X.H. *see* MacDougall, F.W. 90339
Yang, X.H. *see* Ren, J. 56569
Yang, X.M. *see* Lu, W. 49929
Yang, X.R. *see* Bai, J.Z. 53324
Yang, Y., Brews, J.R. Overshoot control for two coupled RLC interconnections 82007
Yang, Y., Galatsanos, N.P., Katsaggelos, A.K. Iterative projection algorithms for removing the blocking artifacts of block-DCT compressed images 85035
Yang, Y., Mukoyama, Y., Kato, H., Hanaoka, T. Analysis of crack generative region in crater machined by impulsive electrical discharge 90692
Yang, Y. *see* Kamigaito, O. 59029
Yang, Y. *see* Terry, J.A.C. 56891
Yang, Y. *see* Wei, X. 72632
Yang, Y. *see* Yang, S.-Y. 90448
Yang, Y. *see* Yen-Kuang Kuo 56822
Yang, Y.-J. *see* Lee, L.-s. 84079
Yang, Y.F., Hsu, C.C., Yang, E.S. Surface recombination current in InGaP/GaAs heterostructure-emitter bipolar transistors 55916
Yang, Y.F., Hsu, C.C., Yang, E.S. Pseudomorphic $Ga_{0.2}In_{0.8}P/Ga_{0.47}In_{0.53}As/InP$ HEMT grown by MOVPE using TBP and TBA 93509
Yang, Y.F. *see* Houston, P.A. 55921
Yang, Y.F. *see* Li, P.W. 93385
Yang, Y.H., Katiyar, M., Feng, G.F., Maley, N., Abelson, J.R. Subsurface hydrogenated amorphous silicon to μc-hydrogenated silicon transformation during magnetron sputter deposition determined by spectroscopic ellipsometry 79956
Yang, Y.H. *see* Wang, H.F. 59745
Yang, Y.H. *see* Yongli, Z. 78014
Yang, Y.H. *see* Zhu Yongli 59681
Yang, Y.J. *see* Wang, S.C. 59504
Yang, Z., Menz, I., Dausmann, G. Making blazed holograms with the new REFO-125 photoresist 56953
Yang, Z., Shao, G., Weiss, B.L. The structure of $Si_{1-x}Ge/Si$ heterostructure waveguides 82657
Yang, Z. *see* Hu, B. 82830
Yang, Z.H. *see* Yu, F.T.S. 63541
Yang Aifen *see* Aifen Yang
Yang Benbo The set-up and application of automatic measurement system 52760
Yang Bin *see* Bin Yang
Yang Bo-Ting *see* Zhang Ke-Cun 69760
Yang Changxi *see* Changxi Yang
Yang Chaowen *see* Xu Zurun 99797
Yang Chau-Chin *see* Chau-Chin Yang
Yang Che-Liang *see* Che-Liang Yang
Yang Chen, Medioni, G. Surface description of complex objects from multiple range images 84793
Yang Chen-Yang *see* Chen-Yang Yang
Yang Chien Kuo *see* Chien Kuo Yang
Yang Chien-Chuen *see* Chien-Chuen Yang
Yang Chien-Chun *see* Chien-Chun Yang
Yang Chih-Fu *see* Chih-Fu Yang
Yang Chih-Kong Ken *see* Chih-Kong Ken Yang
Yang Chin-Wen *see* Chin-Wen Yang
Yang Ching-Mei *see* Ching-Mei Yang
Yang Chong-Man *see* Chong-Man Yang
Yang Chun-Chuan *see* Chun-Chuan Yang
Yang Chun-Ling *see* Chun-Ling Yang
Yang Chung-Shu *see* Chung-Shu Yang
Yang Chunping *see* Cui Xiang 90063
Yang Chyan *see* Chyan Yang
Yang Cui-Qing *see* Cui-Qing Yang
Yang Dong-Hai *see* Dong-Hai Yang
Yang Enze *see* Pan Ji 72412
Yang Enze *see* Pan Ji 82637
Yang Fu-Ming *see* Fu-Ming Yang
Yang Fulin *see* Wang Qinglin 85096
Yang Fuming *see* Fuming Yang
Yang Fuqing *see* Fuqing Yang
Yang Gao *see* Gao Yang
Yang Gen Qing *see* Gen Qing Yang
Yang Genqin *see* Genqin Yang
Yang Guang-Bin *see* Guang-Bin Yang
Yang Guangzheng The theoretical research on time-sidelobe of pulse compression codes 75545
Yang Guoshan, Xue Yongku, Cai Fangong Large volume ionization chamber used as laboratory reference for low energy X-ray measurement 88129
Yang Guozhen, Gu Benyuon The design of diffractive optical elements 57005
Yang Guozhen *see* Guozhen Yang
Yang Guu-Chang *see* Guu-Chang Yang
Yang Hai-Gang *see* Hai-Gang Yang
Yang Haitao *see* Ye Yunliang 99971
Yang Haiyun *see* Haiyun Yang
Yang Hong-Sheng, Shen Zheng-Kun TE_{01}-TE_{11} mode transducer 92459
Yang Hong-Tzer *see* Hong-Tzer Yang
Yang Honghua *see* Honghua Yang
Yang Hongsheng *see* Ma Jianglei 92458
Yang Hua, Duan Fengzeng Application of super-resolution techniques to the ground OTH radar 86588
Yang Hua *see* Hua Yang
Yang Huey-Yih *see* Huey-Yih Yang
Yang Hung-Yu *see* Hung-Yu Yang
Yang Hyung Kyu *see* Hyung Kyu Yang
Yang Jae Hyun *see* Jae Hyun Yang
Yang Jar-Ferr *see* Jar-Ferr Yang
Yang Jeen-Mo *see* Jeen-Mo Yang
Yang Ji Ke *see* Ji Ke Yang
Yang Jiahai, Wu Jianping Programming based on client/server model 85721
Yang Jian *see* Man Yongkui 100808
Yang Jian *see* Wang Yanchun 60083
Yang Jianhong *see* Li Siyuan 80105

Yang Jianbong *see* Li Siyuan 81928
Yang Jianhong *see* Li Siyuan 100223
Yang Jianhong *see* Liu Su 81848
Yang Jianyu, Ding Yiyuan, Huang Shunji The property of equivalent quadrature channels of LFM-CW radars 97388
Yang Jiaxiang *see* Zhang Jian 88589
Yang Jichuan *see* Jichuan Yang
Yang Jie Influence of operating mode on the Three Gorges power transmission networks 53688
Yang Jie *see* Sun Xiaowei 56847
Yang Jilong *see* Jilong Yang
Yang Jing *see* Jing Yang
Yang Jing Yu *see* Jing Yu Yang
Yang Jing-an On quantitative analysis of errors of computing multiple needle maps for recovering 3-D surface depth 85095
Yang Jing-Tong *see* Jing-Tong Yang
Yang Jingan, Zhang Diancheng On combining multiple needle maps for recovering depth of 3-D object surface 74264
Yang Jingguo, Jiang Hongwei Self-Q-switching Nd:YAG laser operation using stimulated thermal Rayleigh scattering 94394
Yang Jingheng, Ma Xiaoliang, Yu Xiren Electric drives in China 90541
Yang Jingming *see* Zhang Pengfei 81413
Yang Jinn-Shiang *see* Jinn-Shiang Yang
Yang Jinping *see* Li Jianming 89780
Yang Jun, Tang Kun, Feng Chongxi, Zhang Xiandong, Niu Ling The code conversion algorithm between 16 kbps CVSD and 64 kbps PCM 73777
Yang Jun, Wang Minsheng, Bao Zheng A real time implementation technique of multi-target ISAR imaging 97418
Yang Jun, Wang Zhaoan, Qiu Guanyuan A comparison of two harmonic current detecting methods used in active power filters 92372
Yang Jun *see* Jun Yang
Yang Jungwook *see* Jungwook Yang
Yang Junyou, Tang Renyuan, Li Yan, Chen Yongbin Eddy current fields and overheating problems due to heavy current carrying conductors 90065
Yang Junyou *see* Chen Yongbin 90066
Yang Jyh-Shinn *see* Jyh-Shinn Yang
Yang Kehu, Bao Zheng Signal to noise ratio resolution threshold analysis of maximum likelihood DOA estimation 84568
Yang Kewei *see* Kewei Yang
Yang Kexuan *see* Yuan Bin 53606
Yang Ku-Dal *see* Park Jong-Tae 96700
Yang Kwang Sun *see* Kwang Sun Yang
Yang Kyeongcheol *see* Kyeongcheol Yang
Yang Li *see* Li Yang
Yang Li-Wu *see* Li-Wu Yang
Yang Lifeng *see* Lifeng Yang
Yang Lilong *see* Nie Caitao 74983
Yang Lin *see* Lin Yang
Yang Lina *see* Lina Yang
Yang Liping *see* Liu Dekang 59016
Yang Liu *see* Liu Yang
Yang Lixin, Chen Genshe, Zhao Rongchun Computer vision for spacecraft docking system 77103
Yang Liyou *see* Liyou Yang
Yang Long *see* Long Yang
Yang Long-Sen *see* Long-Sen Yang
Yang Lu *see* Fu Li 51502
Yang Miao *see* Miao Yang
Yang Min Seo *see* Hyun Tae Jung 58198
Yang Ming-Chwen *see* Ming-Chwen Yang
Yang Ming-Ta *see* Ming-Ta Yang
Yang Mingju *see* Mingju Yang
Yang Ping *see* Ping Yang
Yang Qiji *see* Pan Zhongying 65889
Yang Qiji *see* Pan Zhongying 94783
Yang Qing *see* Qing Yang
Yang QiuHeng *see* Xin YaoZhong 99529
Yang Qixun *see* Wang Meiyi 54126
Yang Quanrang *see* Quanrang Yang
Yang Quanting *see* Zhao Jiayuan 68294
Yang Rong-Hwa *see* Rong-Hwa Yang
Yang Ruikang *see* Ruikang Yang
Yang Ruixia Study on improving mechanism of uniformity of *EL2* distribution in undoped LEC SI GaAs by heat treatment 81228
Yang Rung-Chiung *see* Rung-Chiung Yang
Yang Seoung In *see* Seoung In Yang
Yang Seung Hak *see* Seung Hak Yang
Yang Seung Kee *see* Seung Kee Yang
Yang Shan *see* Xu Xianman 91274
Yang Shan Ou *see* Ou Yang Shan
Yang Shao *see* Shao Yang
Yang Sheng Yuan, Huang Wen Hao, He Tian A dynamic model for analyzing piezoelectric stepmotors 56181
Yang Sheng-Hua, Wang Shou-Lui Experimental research on the GaAs solar cell's output performance 60463
Yang Shenghua *see* Yuan Jinshe 60131
Yang Shian-Cherng *see* Shian-Cherng Yang
Yang Shibai, Ding Ming The large-scale power system reliability technology. I 67985
Yang Shibai, Ding Ming The large-scale power system reliability technology. II 67986
Yang Shibai, Ding Ming The large-scale power system reliability technology. III 67987
Yang Shijun *see* Shijun Yang
Yang Shili *see* Ma Hongliang 58731
Yang Shiyou, Tang Renyuan Design optimization of pole arc of large salient pole generator using FE method 89864
Yang Shiyuan *see* Shiyuan Yang
Yang Shu-Yuan *see* Shu-Yuan Yang
Yang Shuchun *see* Shuchun Yang
Yang Shunchang *see* Liang Zhixiang 99531
Yang Shyh-Horng *see* Shyh-Horng Yang
Yang Si-Ze *see* Si-Ze Yang
Yang Sung Hoon *see* Sung Hoon Yang
Yang Sup Song *see* Cha Hwan Oh 56875
Yang Tao *see* Tao Yang
Yang Tzi-Hui *see* Tzi-Hui Yang
Yang Tzong-Jer *see* Tzong-Jer Yang
Yang Tzung-Zu *see* Tzung-Zu Yang
Yang Wang, Brennan, K.F. Design issues of GaAs and AlGaAs delta-doped p-i-n quantum-well APD's 72586
Yang Wang, Brennan, K.F. Numerical study of the wave-vector dependence of the electron interband impact ionization rate in bulk GaAs 81217
Yang Wang, Mansour, N.S., Salem, A., Brennan, K.F., Ruden, P.P. Theoretical study of potential ultralow noise, confined state photodetectors 58751
Yang Wang *see* Mansour, N.S. 49779
Yang Wanghai, Liu Yuan On the simulation of the space-time 2-D clutter with bimodal Rayleigh distribution 97389
Yang Wei *see* Wei Yang
Yang Wei-Lin *see* Wei-Lin Yang
Yang Wei-Ping *see* Wei-Ping Yang
Yang Wei-Tzen *see* Wei-Tzen Yang
Yang Wen-Bin *see* Wen-Bin Yang
Yang Wen-Wei *see* Wen-Wei Yang
Yang Wenge *see* Wenge Yang
Yang Wenshan *see* Wenshan Yang
Yang Xhaohong *see* Xhaohong Yang
Yang Xiahua *see* Xiahua Yang
Yang Xian Hua *see* Xian Hua Yang
Yang Xiangchun *see* Xiangchun Yang
Yang Xiangyang *see* Xiangyang Yang
Yang Xiao *see* Xiao Yang
Yang Xiao-Mei *see* Xiao-Mei Yang
Yang Xiaoping *see* Gong Dawei 75995
Yang Xiaoping *see* Xiaoping Yang
Yang Xiaoqing *see* Xiaoqing Yang
Yang Xihong *see* Xihong Yang
Yang Xin-Min *see* Xin-Min Yang
Yang Xinghun *see* Xinghun Yang
Yang Xingwei, Zhou Hongmei, Lou Meng The application of meteorological satellite in the temperature distribution analysis at Pudong New Area in Shanghai 67911
Yang Xingwei *see* Zhou Hongmei 67785
Yang Xiuli, Shi Zhen Small-array shortwave DF system using spatial spectrum estimation 75675
Yang Xiutai *see* Zhang Zongyi 53700
Yang Xiutai *see* Zhang Zongyi 89062
Yang Xizhen *see* Wu Xiaoshan 81443
Yang Xue Dong *see* Xue Dong Yang
Yang Yaw-Jou *see* Yaw-Jou Yang
Yang Yee Hong *see* Yee Hong Yang
Yang Yee-Hong *see* Yee-Hong Yang
Yang Yen-Ju *see* Yen-Ju Yang
Yang Yi-Du Computable error bounds for an eigenvalue problem in the finite element method 79690
Yang Yi-Xian *see* Yi-Xian Yang
Yang Yiban *see* Chang Xianrong 89905
Yang Yiban *see* Ji Yanchao 99555
Yang Yiban *see* Ji Yanchao 100254
Yang Yiban *see* Xu Qifeng 100208
Yang Yiban *see* Zhou Qingjie 99435
Yang Yiban *see* Zhou Qingjie 99436
Yang Yiban *see* Zhu Yongli 77914
Yang Yihong, Wang Hongzhang Ultrasonic computed tomography for noninvasive temperature measurement 53392
Yang Yong Feng *see* Auger, G. 98385
Yang Yongfeng, Zhao Zhizheng, Li Zongwei, Qin Zhi, Du Yifei, Ge Yuanxiu, Yin Xijin A method used to study heavy neutron-rich nuclei far from stability 98553
Yang Yonggao, Zhang Tingting, Pan Qijing, He Qing The design and implementation of IEEE 802.3 transparent network bridge 65255
Yang Yongmin *see* Guo Wenyuan 90243
Yang Yongyi *see* Yongyi Yang
Yang Yu-Chi *see* Yu-Chi Yang
Yang Yuanyuan *see* Yuanyuan Yang
Yang Zhang Xiao *see* Xiao Yang Zhang
Yang Zhaohui *see* Zhaohui Yang
Yang Zheng *see* Zheng Yang
Yang Zhengming *see* Cui Yiping 82520
Yang Zhengming *see* Luo Zongnan 98253
Yang Zhengtang *see* Liu Guohai 100117
Yang Zhengtang *see* Liu Guohai 100954
Yang Zhijian, Dang Xiaozhong, Chen Weixi, Wang Shumin, Zhang Bei, Chen Gaoting Room temperature CW single quantum well laser at 1.48 μm fabricated by liquid phase epitaxy 50853
Yang Zhijiang *see* Zhijiang Yang
Yang Zhijun *see* Zhijun Yang
Yang Zhisheng *see* Wang Faji 52921
Yang Zhong *see* Zhong Yang
Yang Zi-Jiang *see* Zi-Jiang Yang
Yang Zi-qiang *see* Zhang Zheng-jun 61137
Yang Zishan Arithmetic coding data compression codec for newspaper facsimile 85619
Yang Zou *see* Minan Li 91773
Yang Zuying *see* Zhang Zhiyong 91109
Yang-Chin Shih, Jen-Chung Lou, Oldham, W.G. Seam line defects in silicon-on-insulator by merged epitaxial lateral overgrowth 79839
Yang-Fang Chen *see* Chi-Huei Lin 71332
Yang-Hann Kim, Byoung Duk Lim Instantaneous frequency of a transient mechanical signature and its estimation by a moving window; applicability and physical interpretation 95481
Yang-Hong Chen A study on the planning aids to navigation systems on the Taiwan area 65999
Yang-Kuan Liu *see* Chang-Tai Yu 81682
Yang-Ming Zhu, Zhi-Zhong Wang, Yu Wei A convex projections approach to spectral analysis 64452
Yang-Tung Huang Polarization-selective volume holograms: general design 50963
Yang-Tung Huang *see* Der-Chin Su 94692
Yang-Xingwei, Wang-Hong, Zhou-Hongmei, Lu-Xian A stratified research on estimating rice yield in Shanghai under GIS support 77694
Yangguang Yan *see* Yan Yangguang
Yanghee Choi *see* Jangteon Park 96237
Yanghee Choi *see* Seungchul Park 74870
Yangmei Fan *see* Bangjiao Ye 59205
Yangming Zhu *see* Zhu Yangming
Yangshen Sun *see* Sun Yangshen
Yangxian Li *see* Li Yangxian
Yangyan Chang *see* Chang Yangyan
Yangyuan Wang *see* Changhua Tan 71623
Yangyuan Wang *see* Wang Yangyuan
Yangzan He *see* He Yangzan
Yanhang Li *see* Zechang Sun 100810
Yanhe Fan *see* Fan Yanhe
Yanhong Yuan *see* Yuan Yanhong
Yanhui He *see* He Yanhui
Yanigasawa, K. *see* Mino, M. 91881
Yanilmaz, M. *see* Balkir, S. 54772
Yaniv, G. *see* Ken-An Lou 98050
Yanizeski, G.M. *see* Boza, L.B. 48649
Yanjie Wang, Luther-Davies, B. Optical-parametric-amplification-based prepulse eliminator for a chirped-pulse-amplification Nd:glass laser 83295
Yankang Bao *see* Bao Yankang
Yankelevich, D.R., Hill, R.A., Knoesen, A., Mortazavi, M.A., Yoon, H.N., Kowel, S.T. Polymeric modulator for high frequency optical interconnects 50581
Yankelevich, E.B. *see* Budishevskii, V.S. 92884
Yankov, P. Cr^{4+}:YAG Q-switching of Nd:host laser oscillators 63733
Yankovskiy, A.V. *see* Marigodov, V.K. 57456
Yanliang Xu *see* Xu Yanliang
Yanlin Guo *see* Gelin Chen 88897
Yanlin Jiang *see* Liu Xin 76759
Yanmao Deng *see* Deng Yanmao
Yanming Wei *see* Wei Yanming
Yann-Hang Lee, Achyutuni, K.J. Managing multiple disjoint priority orders in priority queues 65021
Yannakopoulou, K. *see* Gogolides, E. 62609
Yannoni, C.S. *see* Rugar, D. 66291
Yannopoulos, E., Alfa, A.S. An approximation method for queues in series with blocking 74679
Yano, F. *see* Funada, M.F. 67550
Yano, H., Doguchi, K., Murata, M., Nishiyama, N., Sasaki, G., Hayashi, H. Fabrication of pin/HEMT receiver OEICs for Gbit/s lightwave systems on 3-inch diameter InP substrate 72657
Yano, H. *see* Kikuchi, J. 55814
Yano, H. *see* Kikuchi, J. 62418
Yano, H. *see* Nishiyama, N. 94316
Yano, J. *see* Nakano, K. 81629
Yano, K., Ferry, D.K., Seki, K. Molecular-dynamics study of single-electron phenomena -impact of charge quantization on 1-100 nm Si-MOSFETs 62823
Yano, K., Ishii, T., Hashimoto, T., Kobayashi, T., Murai, F., Seki, K. Room-temperature single-electron memory 80330
Yano, K., Ishii, T., Hashimoto, T., Kobayashi, T., Murai, F., Seki, K. A room-temperature single-electron memory device using fine-grain polycrystalline silicon 93418
Yano, K., Mitsui, M., Moroshima, H., Morita, J.-I., Kasuga, M., Shimizu, A. Rectifier characteristics based on bipolar-mode SIT operation 81791
Yano, K., Yamanaka, M., Terai, Y., Sugiyama, T., Kubota, M., Endo, M., Nomura, N. Improved interconnect yield through surface control by silylation (SCS) method 71430
Yano, K. *see* Kado, H. 62957
Yano, K. *see* Matsuura, T. 92423
Yano, M. *see* Hoshi, T. 75255
Yano, M. *see* Nogaki, S. 75739
Yano, M. *see* Suzuki, T. 86009
Yano, S., Mitsuhashi, T. Perception of depth movement and temporal frequency characteristics of stereoscopic vision 64874
Yano, S. *see* Iso, M. 99704
Yano, T., Yamamoto, A. Vehicle electrical power systems. Present and future 78954
Yano, T. *see* Suto, H. 50108
Yano, T. *see* Tachibana, A. 91577

Yano, Y. Upgrade of ECR ion source using plasma cathode method 59046
Yano, Y., Morooka, H. Fabrication of thin-film varistors using sputtering technique 49682
Yano, Y., Shirakawa, Y., Morooka, H. Influence of donor density in ZnO on ZnO-$PrCoO_x$ thin-film junctions: role of O_2 and Al dopant in varistors 80896
Yano, Y. *see* Fujishima, N. 56086
Yano, Y. *see* Irie, Y. 66841
Yano, Y. *see* Kita, K. 51387
Yano, Y. *see* Matsuda, S. 55945
Yano, Y. *see* Saito, T. 52599
Yano, Y. *see* Suzuki, K. 92288
Yano, Y. *see* Terauchi, H. 91503
Yano, Y. *see* Yamada, H. 61754
Yanof, A., Cummings, K., Seese, P., Thompson, M., Drew, M., DeMay, D., Oberschmidt, J., Fair, R., Lamberti, A. Overlay measurement and analysis of X-ray/optical lithography for mix-and-match device applications 81586
Yanome, S. *see* Amaike, S. 68475
Yanovskaya, M.I. *see* Maleto, M.I. 79885
Yanovsky, V., Pang, Y., Wise, F. Self-mode-locked Cr:forsterite laser with optimized group-delay dispersion 72777
Yanovsky, V.P., Richardson, M.C., Miesak, E.J. Compact, single-frequency, high-power Nd: glass laser 63729
Yanovsky, V.P., Wise, F.W. Nonlinear propagation of high-power, sub-100-fs pulses near the zero-dispersion wavelength of an optical fiber 94060
Yanpeng Guo, Feher, K. Power and spectrally efficient SFH-FQPSK for PCS applications 75353
Yanpeng Guo, Feher, K. A spectrally efficient constant envelope modulation technique for PCS and mobile communications 86190
Yanping Chen *see* Chen Yanping
Yanping Deng *see* Deng Yanping
Yanping Wang *see* Wang Yanping
Yanqiang Yu *see* Sy, B.K. 80050
Yanqing Xiong *see* Xiong Yanqing
Yanqiu Liu *see* Dawen Wang 62177
Yanrong Song *see* Song Yanrong
Yansheng Cao *see* Cao Yansheng
Yansheng Luo *see* Jian-Gang Zhu 82271
Yansheng Xu, Ke Wu, Bosisio, R.G. An efficient recursive technique for calculation of planar multiple strips on composite substrates for M(H)MIC and high-speed interconnects 80775
Yansheng Xu *see* Ke Wu 61954
Yansheng Xu *see* Ke Wu 80741
Yansheng Zhang *see* Zhang Yansheng
Yansong Chen *see* Shangqing Liu 83410
Yansong Ren *see* Ren Yansong
Yantian Zhang *see* Hyde, R.J. 98795
Yants, V. *see* Danshin, S. 98526
Yanushefski, K.A. *see* Delavaux, J.M.P. 56730
Yanwen Zhang *see* Zhang Yanwen
Yanxin Zhang *see* Zhang Yanxin
Yanying Xie *see* Xie Yanying
Yanyun Wang *see* Weiyi Jia 72570
Yanzeng Zhao *see* Hardesty, R.M. 77365
Yao, A. *see* Buchholz, F.-I. 86938
Yao, C. *see* Datte, P. 98455
Yao, C.G. *see* Chang, C.R. 67072
Yao, C.Y., Hurd, J.W., Sage, J. Wire scanner data analysis for the SSC linac emittance measurement 76596
Yao, C.Y. *see* Guy, F.W. 66876
Yao, D. *see* Connors, D. 48645
Yao, D.D. *see* Hong Chen 96205
Yao, E. *see* Belloum, A. 70660
Yao, H.H. *see* Keil, N. 50548
Yao, H.H. *see* Keil, N. 86025
Yao, J., Gallion, P. Effects of carrier diffusion and quantum capture on the dynamics of separated confinement single quantum well lasers operating at the first and second quantized states 50856
Yao, J., O'Mahony, M. SNR degradation due to variations in input signal power and polarisation state in semiconductor laser amplifier based switch systems 58440
Yao, J., O'Mahony, M. Impact of input signals on the bit error rate performance of semiconductor-laser-amplifier-based switch systems 97225
Yao, J.J., Arney, S.C., MacDonald, N.C. A fully-suspended, movable, single crystal silicon, deep submicron MOSFET for nanoelectromechanical applications 55977
Yao, J.Y., Ranganathan, G. On three-dimensional dose calculation of photon beam with wedge filters 67649
Yao, K. *see* Eguchi, M. 64419
Yao, K. *see* Erlich, S. 57494
Yao, K. *see* Fierro, R.D. 84469
Yao, K. *see* Hoshi, M. 55976
Yao, K. *see* Lorenzelli, F. 74212
Yao, P., Glao, S., Manesse, G. Extension of the hybrid analysis method for numerical simulation with variable topology of switched power converters—interest of the state Petri nets formalism 90135
Yao, Q., Holmes, D.G. A simple, novel method for variable-hysteresis-band current control of a three phase inverter with constant switching frequency 68778
Yao, R. *see* Chan, C.C. 60158
Yao, S., Clarke, R.J. Image compression with visual features using wavelets 85155
Yao, S., Tamaki, Y., Kimura, H., Kozuka, Z. SO_x gas sensor utilizing beta-alumina with sputtered cerium oxide thin films 87316
Yao, S.C. *see* Liaw, P.K. 70209
Yao, S.J. *see* Weijian Xu 66517
Yao, T., Matsumoto, T., Sasaki, S., Chung, C.K., Zhu, Z., Nishiyama, F. Lattice location of N atoms in heavily N-doped ZnSe studied with ion beam analysis and its implication on deep level defects 71278
Yao, T. *see* Ohtsuka, T. 70028
Yao, T. *see* Uesugi, K. 69939
Yao, T. *see* Zhu, Z. 69998
Yao, T. *see* Zhu, Z. 91432
Yao, T.S. *see* Lu, Y.H. 67783
Yao, W. *see* Amidei, D. 98639
Yao, X. *see* Barakat, M. 98712
Yao, X. *see* Elissalde, C. 56137
Yao, X. *see* Huang, B. 56126
Yao, X. *see* Li, Y. 58990
Yao, X. *see* Lu, S. 54981
Yao, X. *see* Mao, Z. 55443
Yao, X. *see* Sun, H.-T. 55439
Yao, X. *see* Sun, P. 54957
Yao, X. *see* You, B. 56289
Yao, X. *see* Zhou, Q.F. 56290
Yao, X.S., Maleki, L. High frequency optical subcarrier generator 86417
Yao, X.X., Yang, O.W.W. A queueing analysis of slotted ALOHA systems 96224
Yao, X.X. *see* Yang, O.W.W. 85808
Yao, Y., Acharya, R., Srihari, S. Image enhancement using mathematical morphology with adaptive structuring elements 64633
Yao, Y., Bustamante, P., Ramshaw, R.S. Improvement of induction motor drive systems supplied by photovoltaic arrays with frequency control 78852
Yao, Y., Salama, M.M.A., Ramshaw, R.S. Simulation of hybrid uninterruptible power supplies 90126
Yao, Y. *see* Allan, J.D. 89754
Yao, Y.B. *see* Perrone, M.R. 72686
Yao, Y.B. *see* Perrone, M.R. 72691
Yao, Y.S., Chellappa, R. Feature correspondence using probabilistic data association 84977
Yao, Z., Therond, P.G., Davat, B. Stability analysis of power systems by the generalised Nyquist criterion 59760
Yao, Z.Q. *see* Gardner, J.W. 55024
Yao Anju *see* Anju Yao
Yao Chen Jian *see* Jian Yao Chen
Yao Cheng Dynamic closed orbit correction 76476
Yao Cheng, Ching-Shiang-Hwang Compensation for field shaking due to magnet vibration 64115
Yao Cheng, Kou-Bin Liu Low cost concepts to reduce the voltage ripple of a DC power supply 68743
Yao Chiang-Sheng *see* Chiang-Sheng Yao
Yao Chung Hung *see* Tassiulas, L. 96173
Yao Fuqiang, Du Jiyan Grey relational analysis of communication system 83901
Yao Gao *see* Ganz, A. 58413
Yao Gao *see* Yegenoglu, F. 97189
Yao Guijun *see* Guijun Yao
Yao Guocan *see* Guo Jianbo 77996
Yao HePing *see* Xin YaoZhong 99529
Yao Huang Kao, Nien Ming Wang, Hong Ming Chen Mode description of routes to chaos in external-cavity coupled semiconductor lasers 83063
Yao Hui-Wen *see* Hui-Wen Yao
Yao Jianquan *see* Jianquan Yao
Yao Jui Chi *see* Jui Chi Yao
Yao Lan *see* Lan Yao
Yao Leehter *see* Leehter Yao
Yao Li, Ting Wang, Pan, Z.G., Sharony, J. Minimum-complexity free-space optical nonblocking networks for multicast interconnect applications 52286
Yao Li, Ting Wang, Sharony, J. Free-space optical interconnects using connectivity-enhanced, mesh-based networks 58385
Yao Li *see* Ha, B. 63520
Yao Liangzhong, Ni Yixin, Zhang Buoming Estimation of transient stability limits using artificial neural network 88970
Yao Liangzhong, Zhou Shixin, Ni Yixin, Zhang Boming An artificial neural network for estimating transient stability limits 59811
Yao Lin, Schill, J., Run-Wen Wang Instrumental noise effect in an optical heterodyne profiler 83399
Yao Mingyu *see* Mingyu Yao
Yao Ruoping *see* Ruoping Yao
Yao Su-Ying *see* Su-Ying Yao
Yao Wang, Ling Du Simple technique for 3D display of natural things by holographic stereograms 56991
Yao Wang, Ouseb Lee Active mesh—a feature seeking and tracking image sequence representation scheme 84771
Yao Xi *see* Xi Yao
Yao Xiaowei *see* Xiaowei Yao
Yao Xiuluan *see* Hu Chundong 53234
Yao Yu-Dong *see* Yu-Dong Yao
Yao Yue *see* Yue Yao
Yao Zhang *see* Zhang Yao
Yao Zhongqi *see* Zhongqi Yao
Yao Zou *see* Zhan-Ming Li 63783
Yao-Chun Shen, Shu-Yi Zhang Photoacoustic investigation of multilayer semiconductor materials 91655
Yao-Hua Li *see* Li Yao-Hua
Yao-Lin Li *see* Li Yao-Lin
Yao-Nan Yu, Wen-Jie Zhang Computer simulation study of voltage stability of a power system 99424
Yao-Ting Wang, Pati, Y.C., Jen-Wei Liang, Kailath, T. Systematic design of phase-shifting masks 71487
Yao-Tsung Tsai, Kuo-Don Hong, Yin-Lun Yuan An efficient analytical model for calculating trapped charge in amorphous silicon 55551
Yao-Tsung Tseng *see* Hsiang-Jui Wu 90545
Yao-Tzung Wang *see* Taung-Pao Lin 65529
Yao-Wen Chang, Thakur, S., Kaj Zhu, Wong, D.F. A new global routing algorithm for FPGAs 92159
Yao-Wu Liu *see* Mei, K.K. 50997
Yaochun Shen *see* Shanjie Zhang 64175
Yaogang Liu *see* Xingyu Zhang 63625
Yaohua Li *see* Li Yaohua
Yaoi, N. *see* Taketomi, A. 98291
Yaolan Feng *see* Feng Yaolan
Yaoliang Xu *see* Xiaowei Yao 71883
Yaolin Wang *see* Wang Yaolin
Yaoling Song *see* Song Yaoling
Yaoming Wang, Xinjian Jiang, Feili Huang, Shixiang Liu, Fahai Li IGBT inverter fed PM DC brushless motor drive for electric vehicles 90605
Yaoqing Zhang *see* Changsheng Xu 97792
Yaoshuang Qu, Shingmin Wang, Cui-Qing Yang NP-completeness and integer programming model for station permutation in performance optimization of ring LANs 58144
Yaoting Zhu *see* Zhu Yaoting
Yaou Ming-Haw *see* Ming-Haw Yaou
Yaowei Bian *see* Bian Yaowei
YaoWu Liu *see* Wei Hong 83596
Yaowu Liu *see* Yuzhe Chen 48688
Yaoyu Wang *see* Wang Yaoyu
Yaozhong Liu, Itoh, T. Control of leakage in multilayered conductor-backed coplanar structures 83784
YaoZhong Xin *see* Xin YaoZhong
Yap, D. *see* Hasenberg, T.C. 94189
Yap, J.H. *see* Allen, L.P. 93559
Yap Jee-Hoon *see* Jee-Hoon Yap
Yaqiang Shen *see* Shen Yaqiang
Yaqin Wang *see* Wang Yaqin
Yara, T., Yuasa, M., Shimizu, M., Makita, H., Hatta, A., Suzuki, J., Ito, T., Hiraki, A. Fabrication of diamond films at low pressure and low-temperature by magneto-active microwave plasma chemical vapor deposition 79949
Yarahoglu, G. *see* Bozkurt, A. 99312
Yarai, A., Sakamoto, K., Nakanishi, T. High signal-to-noise ratio and high resolution detection techniques for photopyroelectric thermal wave imaging reconstruction 70200
Yarar, Y., Bayulken, A. Investigation of neutron shielding efficiency and radioactivity of concrete shields containing colemanite 99016
Yarba, V. *see* Li, M. 66789
Yarborough, R., Heston, D., Saunier, P., Hua Quen Tserng, Salzman, K., Smith, B. Fourwatt, Kt-band MMIC amplifier 80836
Yarbrough, A.D., Osofsky, S.S. Design and analysis of a traveling-wave MESFET with enhanced shielding capabilities 81959
Yarden, A.L., Thomas, M.W. Equipment upgrades increase MW output at Prairie Island 78282
Yardim, A. *see* Cain, G.D. 49548
Yardim, A. *see* Cain, G.D. 69409
Yardimci, Y., Cadzow, J.A. Direction-of-arrival estimation under sensor location uncertainty 84449
Yardley, J.T. *see* Ilic, I. 72415
Yarema, R.J., Foster, G.W., Hoff, J., Sarraj, M., Zimmerman, T. A fast, wide range charge integrator and encoder ASIC for photomultiplier tubes 59200
Yarema, R.J. *see* Britton, C.L. 71809
Yarema, R.J. *see* Zimmerman, T. 67371
Yarger, F.L. *see* Prieto, F.E. 88541
Yarikin, O. *see* Sekachev, I.V. 87943
Yarita, M. Pulse magnetic flux density measuring sensor for biomedical magnetic stimulation 88442
Yariv, A. *see* Hofmeister, R. 50656
Yariv, A. *see* Kitching, J. 83135
Yariv, A. *see* Rosen, J. 50965
Yariv, A. *see* Segev, M. 83315
Yariv, A. *see* Zhao, B. 83145
Yarkin, D.G. *see* Kazanskii, A.G. 71084
Yarko, O.I. *see* Alebastrov, V.A. 64148
Yarlagadda, C. *see* Baker, A. 92225
Yarmakhov, I.G. *see* Armand, N.A. 51070
Yarmolchik, Y.P. *see* Bashtovoi, V.G. 71955
Yarmolik, V.N. *see* Bykov, Y.V. 91963
Yarmolik, V.N. *see* Zakrevskii, L.A. 80208
Yarn, K.F. Characteristics of an $Al_{0.3}Ga_{0.7}As$-doped GaAs triangular barrier switch 62256
Yarn, K.F., Wang, Y.H. Room temperature operation of a GaAs tristate switch with a double triangular barrier structure 82001

Yarn Kao-Feng *see* Kao-Feng Yarn
Yaron, O., Sidi, M. Generalized processor sharing networks with exponentially bounded burstiness arrivals 64930
Yarosh, V.E. *see* Latushkin, S.T. 76319
Yaroshchuk, O.V., Voloshchenko, D.A., Reshetnyak, V.Yu., Pelzl, G. Saturating holograms due to space-modulated phase transition LC-isotropic phase in liquid crystals 73143
Yaroshetskii, I.D. *see* Kasherininov, P.G. 71150
Yaroslavskii, I.V. *see* Shcherbakov, Yu.N. 88529
Yaroslavskii, I.V. *see* Shcherbakov, Yu.N. 88530
Yaroslavsky, L.P., Caulfield, H.J. Deconvolution of multiple images of the same object 51545
Yaroslavsky, L.P. *see* Kober, V. 63542
Yaroslavtsev, V.T. *see* Abakumov, G.A. 72698
Yarraiah, M. *see* Rao, D.N. 77392
Yartsev, A.I. *see* Smirnov, V.S. 50749
Yartsev, D.I. *see* Latushkin, S.T. 76319
Yartsev, O.V. *see* Salamatin, A.N. 79433
Yartys, V.A. *see* McGuiness, P.J. 56204
Yartys', V.A. *see* Shmal'ko, Yu.F. 76742
Yarunin, N.D. *see* Antonucci, M. 70800
Yarygin, A.V. *see* Vishnevskii, V.G. 63503
Yarygin, V.N. *see* Kuznetsov, L.I. 73193
Yarzhemkovskii, V.D. *see* Batai, L.E. 56304
Yasaitis, J.A. *see* Harame, D.L. 93579
Yasaka, H. *see* Takahata, K. 72819
Yasaka, T. *see* Hirose, M. 93221
Yasakov, G.S., Finagin, V.I., Tret'yak, M.V. Simulation of transient conditions in autonomous electrical power systems with current limiting devices 77920
Yasel'skii, B.K. *see* Azarkevich, E.I. 55506
Yashe Liu *see* Liu Yashe
Yasheng, Q., Kabal, P. Pseudo-three-tap pitch prediction filters 84084
Yasheng Qian, Chahine, G., Kabal, P. Pseudo-multi-tap pitch filters in a low bit-rate CELP speech coder 95232
Yashiki, H. *see* Tanaka, T. 63143
Yashima, M., Fujinami, H., Takuma, T. Flashover characteristics of vapor-mist dielectrics under lightning impulse and means to increase the flashover voltage 68277
Yashima, S. Trend of supersonic aircraft engine 77192
Yashin, I.V. *see* Podoroznhyi, D.M. 76778
Yashiro, K. *see* Omori, T. 50387
Yashiro, K. *see* Omori, T. 80574
Yashiro, N. Tiny TCXOs hold key to progress in cultivating miniature portable phones 71866
Yashiro, T. *see* Morimoto, T. 65862
Yasillo, N.J., Mintzer, R.A., Aarsvold, J.N., Matthews, K.L., Heimsath, S.J., Ordonez, C.E., Pan, X., Wu, C., Block, T.A., Beck, R.N., Chen, C.-T., Cooper, M. A single-tube miniature gamma camera 98821
Yasillo, N.J. *see* Ordonez, C.E. 88434
Yasillo, N.J. *see* Ordonez, C.E. 98848
Yasin, M. *see* Moses, A.J. 63251
Yasmin, A. *see* Sow, Y.K. 92847
Yasojima, Y. *see* Kikunaga, T. 49748
Yasrebi, M., Browne, J.C. On a methodology for the design and evaluation of a class of application-oriented parallel computer architectures 95700
Yassar, A. *see* Garnier, F. 55582
Yassar, A. *see* Garnier, F. 81921
Yassar, A. *see* Horowitz, G. 81983
Yassievich, I.N., Schmalz, K., Beer, M. Capture and emission of carriers in semiconductor quantum wells 93027
Yassin, Y.M. *see* Fahmy, M.F. 49544
Yastrebenetskii, M.A. *see* Finkel', V.A. 82400
Yastrebenetskii, M.A. *see* Vilkomir, S.A. 53853
Yastrebov, S.G. *see* Ivkin, E.B. 91558
Yastremsky, A. *see* Bychkov, Yu. 50746
Yasu, M. *see* Mino, S. 94306
Yasuami, S., Takase, T., Ohsumi, K. Characterization of polycrystalline Al and Cu metal films sputtered on SiO_2/Si substrate using the Laue method with synchrotron x radiation 71411
Yasuda, A., Wei Wei, Ping Zhu, Yamashita, K., Kawamura, H. Positioning system using TV broadcasting from geostationary satellites 75672
Yasuda, A., Yamashita, K., Ruan, Z., Lu, Y. Evaluation of brightness resolution of WEFAX images transmitted through GMS 77261
Yasuda, A. *see* Kawamura, M. 58516
Yasuda, H. Private networks including multimedia 96625
Yasuda, H., Ikeda, N., Ham, K., Takagi, M.T., Yoshii, I. Relation between stress-induced leakage current and dielectric breakdown in SiN-based antifuses 62338
Yasuda, H., Mamiya, M., Ishida, Y., Ohta, T., Ichinose, T. Unique polarization caused by frequency locking between σ and π modes in a transverse Zeeman laser 56619
Yasuda, H. *see* Egawa, Y. 93424
Yasuda, H. *see* Nakamura, M. 75786
Yasuda, H. *see* Sakamoto, K. 90915
Yasuda, H. *see* Takagi, M.T. 92072
Yasuda, K., Kubota, J., Ohshiro, T. The effects of diode laser low reactive-level laser therapy (LLLT) on musculocutaneous flaps 53452
Yasuda, K. *see* Fujita, T. 69777
Yasuda, K. *see* Haruna, M. 50521
Yasuda, K. *see* Mikazuki, T. 60967
Yasuda, K. *see* Ooishi, T. 70529
Yasuda, K. *see* Shimokohbe, A. 87509
Yasuda, K. *see* Tanabe, R. 59884
Yasuda, M., Kawata, H., Murata, K., Hashimoto, K., Hirai, Y., Nomura, N. Resist heating effect in electron beam lithography 71439
Yasuda, M. *see* Nishi, T. 85668
Yasuda, M. *see* Ying Li 53048
Yasuda, M. *see* Yoshida, Y. 79625
Yasuda, N. *see* Ichihara, K. 62198
Yasuda, N. *see* Khosru, Q.D.M. 93070
Yasuda, N. *see* Suzuki, T. 89283
Yasuda, S. *see* Ohtomo, Y. 50109
Yasuda, S. *see* Ohtomo, Y. 58266
Yasuda, T., Bjorkman, C.H., Ma, Y., Lu, Z., Lucovsky, G., Emmerichs, U., Meyer, C., Leo, K., Kurz, H. Integration of wet-chemical processing with low-temperature plasma-assisted processes for the formation of device-quality Si-SiO_2 interfaces on Si(111) surfaces 93177
Yasuda, T., Shimoyama, I., Miura, H. Microrobot actuated by a vibration energy field 63111
Yasuda, T. *see* Furukawa, S. 93855
Yasuda, T. *see* Furukawa, S. 97899
Yasuda, T. *see* Hata, K. 92870
Yasuda, T. *see* Ma, Y. 49988
Yasuda, T. *see* Misra, V. 93217
Yasuda, T. *see* Nomura, T. 93856
Yasuda, T. *see* Nomura, T. 97898
Yasuda, T. *see* Shibata, S. 98487
Yasuda, Y., Hoh, K. Period-adding chaos in the Si thyristor 62729
Yasuda, Y., Yoshikai, N. Automated network connection tracing and data gathering methods in the SDH network 52024
Yasuda, Y. *see* Kimoto, T. 84748
Yasuda, Y. *see* Koide, Y. 69970
Yasuda, Y. *see* Komatsu, K. 64722
Yasuda, Y. *see* Komatsu, K. 64746
Yasuda, Y. *see* Komatsu, K. 95779
Yasuda, Y. *see* Sezaki, K. 96144
Yasuda, Y. *see* Ying-Jieh Huang 64608
Yasufuku, S. *see* Ohki, Y. 89368
Yasuhara, K. *see* Yamamoto, Y. 98260
Yasuhara, N. *see* Nakagawa, A. 61559
Yasuhara, N. *see* Nakagawa, A. 93438
Yasuhara, N. *see* Omura, I. 55998
Yasuhara, T. *see* Morita, N. 53568
Yasuhira, M. *see* Hori, A. 62836
Yasuhira, M. *see* Hori, A. 93423
Yasui, H. *see* Yamashita, T. 87510
Yasui, J. *see* Hirai, Y. 93251
Yasui, K. Laser resonators with phase-unifying output couplers for high power lasers 72961
Yasui, K., Muramoto, M., Akahane, T. Structure of microcrystalline silicon carbide films prepared by hydrogen-radical-enhanced chemical vapor deposition in magnetic field 79947
Yasui, K., Nakagawa, T. Reliability considerations of a selective-repeat ARQ policy for a data communication system 96239
Yasui, K., Nishimae, J. Beam-mode calculations of a strongly pumped solid-state rod laser with an unstable resonator 50781
Yasui, K., Otsuki, K., Akahane, T. Silicon nitride films grown by hydrogen radical enhanced chemical vapor deposition utilizing trisdimethylaminosilane 48973
Yasui, K. *see* Kitao, I. 61762
Yasui, K. *see* Kojima, T. 56881
Yasui, M. *see* Usujima, A. 81745
Yasui, T., Hiramatsu, M., Tahara, H., Onoe, K., Tsubakishita, Y., Yoshikawa, T. Discharge plasma characteristics and ion beam extraction on electron cyclotron resonance (ECR) ion source using reentrant coaxial cavity 67273
Yasui, T., Tahara, H., Yoshikawa, T. Plasma generation and beam extraction on reentrant-cavity-type electron cyclotron resonance ion source 87942
Yasukawa, H. Two-wire AGC amplifiers with echo cancellers for two-way voice signals 65484
Yasukawa, M. *see* Nara, S. 50957
Yasukawa, Y. *see* Nakajima, H. 72261
Yasukawa, Y. *see* Nishi, M. 93992
Yasuki, N. *see* Ueki, H. 92296
Yasumatsu, H. *see* Kawata, T. 49484
Yasumoto, K., Maeda, H. Numerical analysis of an asymmetric nonlinear directional coupler 94159
Yasumoto, K., Matsueda, N., Ishii, M. Coupled-mode analysis of polarization-splitting directional coupler 72374
Yasumoto, K. *see* Maeda, H. 50516
Yasunaga, M. *see* Asakura, M. 92222
Yasunaga, M. *see* Watanabe, T. 80526
Yasunaga, S. *see* Harada, R. 85952
Yasuno, T. *see* Mori, T. 96059
Yasuo, T. *see* Akiyama, Y. 68995
Yasuoka, K. *see* Hara, K. 82557
Yasuoka, K. *see* Imada, G. 63650
Yasuoka, K. *see* Okita, Y. 82904
Yasuoka, Y., Yamagata, Y., Otoma, S., Miyazaki, T., Takeuchi, S. Vegetation mapping and change analysis in South-East Asia from NOAA AVHRR LAC imageries 67889
Yasuoka, Y. *see* Iikura, Y. 67776
Yasuoka, Y. *see* Yamagata, Y. 77642
Yasutake, M., Wakiyama, S., Kato, Y. Measurement of Si wafer and SiO_2 layer microroughness by large sample atomic force microscope 76202
Yasutake, M. *see* Hattori, T. 93249
Yasutake, N. *see* Uchitomi, S. 58993
Yasutomi, S. *see* Mori, H. 67631
Yatagai, T. *see* Huang, H. 82773
Yataka, K. *see* Masuda, K. 98311
Yates, G.J. *see* Turko, B.T. 87055
Yates, G.J. *see* Turko, B.T. 95520
Yates, H.R. *see* Kaercher, G.C. 89647
Yates, J. *see* Lunn, C. 70458
Yates, J.T., Jr. *see* Jong-Liang Lin 92863
Yates, K. *see* Scheps, R. 83007
Yates, K.W. *see* Evans, M.J. 51300
Yates, R.D. Analysis of discrete time queues via the reversed process 91204
Yates, T.W. *see* Yang, T.C. 86613
Yatim, A.H.B.M., Miah, M.A.S. Simulation of a PWM reactive power compensator using PSPICE 99558
Yato, F., Kuroiwa, S., Takeda, K., Yamamoto, S., Owa, K., Shozakai, M. A real-time isolated word recognizer for telephone input 51380
Yato, F., Loken-Kim, K.-H., Fais, L., Morimoto, T. Analysis of utterances in multi-modal dialogues for direction finding task 95270
Yato, F. *see* Hamaguchi, J. 85585
Yatsenko, N.A. Choice of the combustion regime and the frequency of radio-frequency capacitive discharge for the pump of gas lasers 56632
Yatsenko, V.A. *see* Gushcha, A.O. 87307
Yatsenko, V.V. *see* Besaha, R.N. 73148
Yatsenko, V.V. *see* Besaha, R.N. 73152
Yatsenko, V.V. *see* Mokhun', I.I. 73176
Yatsenko, Y.P. *see* Dianov, E.M. 56866
Yatsu, K. *see* Cho, T. 88031
Yatsuda, H., Takeuchi, Y., Horishima, T. Surface acoustic wave filter composed of interdigitated interdigital transducers and one-port resonators 71915
Yatsui, K. *see* Imada, G. 50726
Yatsui, K. *see* Imada, G. 63650
Yatsui, K. *see* Imada, G. 82907
Yatsuk, K.P. *see* Ivanova, N.Ye. 82096
Yatsuka, K. *see* Kishi, K. 99709
Yatsuka, K. *see* Kubota, T. 99708
Yatsuka, K. *see* Suzuki, T. 89283
Yatsuo, T. *see* Mori, M. 60362
Yatsuya, S. *see* Callaby, R.D. 71981
Yatsuzuka, K., Mizuno, Y., Asano, K. Electrification phenomena of pure water droplets dripping and sliding on a polymer surface 51023
Yatsuzuka, K. *see* Asano, K. 64075
Yau, C.W., Beausang, J., Crane, F.E., III, Jarwala, N.T., Tulloss, R.E. Boundary-scan testing for electronic subassemblies and systems 60926
Yau, D.D. *see* Yeung, N.K. 92284
Yau, J.-M. *see* Chin, T.-S. 50189
Yau, J.M., Cheng, K.H., Lin, C.H., Chin, T.S. Magnetic properties of $SmFe_3$ and its hydrogenation and nitrogenation 50207
Yau, J.M. *see* Chin, T.S. 50188
Yau, J.M. *see* Lin, C.-H. 50187
Yau, K.C. *see* Kosier, S.L. 56054
Yau, L. *see* Lee, Y.-H. 62999
Yau, S.-T. *see* Yau, S.S.-T. 73986
Yau, S.F. A linear filtering approach for direction-of-arrival estimation of coherent signals 84527
Yau, S.S.-T., Leung, C.-W. Recent result on classification of finite dimensional maximal rank estimation algebras with state space dimension 3 73940
Yau, S.S.-T., Wen Lin Chiou Explicit construction of finite dimensional nonlinear filters with state space dimension 2 74116
Yau, S.S.-T., Yau, S.-T. Explicit fundamental solution to Kolmogorov equation 73986
Yau, W., Kanber, H., Wu, C.S., Paine, B.M., Bar, S., Bardai, Z., Janesch, S., Kaputa, D., Fabian, W. Design translation of an X-band multifunction PHEMT MMIC 80827
Yau, W., Kanber, H., Wu, C.S., Paine, B.M., Bar, S., Bardai, Z., Janesch, S., Kaputa, D., Fabian, W. Design translation of an X-band multifunction PHEMT MMIC 92586
Yau Wing *see* Wing Yau
Yau You-Wen *see* You-Wen Yau
Yau-Huei Chen, Kuo-Tung Hsu, Kuo-Liang Chen, Hao-Hsiung Lin, Gwo-Jen Jan Room-temperature photoreflectance characterization of InAlAs/InGaAs heterojunction bipolar transistor structure including two-dimensional electron gas 62682
Yau-Tarng Juang *see* Jinn-Der Wang 100156
Yauilla, N.C. *see* Dyson, C.S. 58677
Yaujen Wang *see* Steimle, L.J. 52957
Yaun, M.Y. *see* Li, Q. 92880
Yaun-Chung Hsu *see* Shang-Zhi Sun 92044
Yavari, A.R. *see* Escobar, M.A. 71992
Yavatkar, R., Griffioen, J. Clique: a toolkit for group communication using IP multicast 74926
Yavatkar, R., Manoj, L. Optimistic strategies for large-scale dissemination of multimedia information 58192
Yavatkar, R., Pai, P., Finkei, R. A reservation-based CSMA protocol for integrated manufacturing networks 74984
Yaver, H. *see* Goulding, F.S. 88065
Yaver, H. *see* Goulding, F.S. 88229

Yaver, H. *see* Goulding, F.S. 98619
Yaver, H. *see* Goulding, F.S. 98682
Yavich, B.S. *see* Boroditskii, M.L. 54967
Yavich, B.S. *see* Kozlovskii, V.V. 55632
Yavon, Y.P. *see* Zaitsev, E.F. 51257
Yavuz Oruc, A. *see* Carpinelli, J.D. 96287
Yaw-Jou Yang *see* Yeau-Keuen Fang 56580
Yaw-Wen Chen *see* Chin-Chen Chang 95730
Yaw-Wen Hu *see* Kianian, S. 70522
Yawara Kaneko *see* Dong-Hoon Jang 94473
Yaxin Zhang, Alder, M. An improved HMM/VQ training procedure for speaker-independent isolated word recognition 95360
Yayla, G. *see* Krishnamoorthy, A.V. 56477
Yayla, G.I. *see* Marchand, P.J. 56323
Yazawa, M. *see* Hiruma, K. 91541
Yazawa, N. *see* Mizuno, H. 97641
Yazawa, T. *see* Kuriyama, T. 94009
Yazawa, T. *see* Mizutani, T. 94018
Yazawa, Y., Kitatani, T., Minemura, J., Tamura, K., Mochizuki, K., Warabisako, T. AlGaAs solar cells grown by MBE for high-efficiency tandem cells 100446
Yazbek, K., Dadashi, H., Aniel, F., Bouillault, F., de Lustrac, A. Determination of electrostatic capacitances in ultrashort gate length HEMT's 71719
Yazu, Y. *see* Funada, M.F. 67550
Ye, A., Casasent, D. Morphological wavelet transform for distortion-invariant object detection in clutter 57837
Ye, A. *see* Casasent, D.P. 51567
Ye, B.N. *see* Chen, M. 53245
Ye, C. *see* Cheng, Z. 51031
Ye, C. *see* Holzapfel, W. 56501
Ye, C. *see* Pham, L. 76061
Ye, H.J. *see* Chen, C.S. 92913
Ye, J. *see* Browning, J. 62112
Ye, J. *see* Choy, T.T.C. 67565
Ye, J. *see* Jungner, P. 86872
Ye, J. *see* MacGregor, R. 81137
Ye, L., Armstrong, B.M., Gamble, H.S. The study of selectivity in silicon selective epitaxial growth 91452
Ye, L., Xu, L. Analysis of a novel stator winding structure minimizing harmonic current and torque ripple for dual six-step converter-fed high power AC machines 69048
Ye, L. *see* Xu, L. 69043
Ye, M.H. *see* Bai, J.Z. 53324
Ye, P. *see* Yan, L.G. 83578
Ye, R. *see* Tzou, H.S. 82161
Ye, R. *see* Tzou, H.S. 93802
Ye, S., Mansour, R.R. Design of manifold-coupled multiplexers using superconductive lumped element filters 80622
Ye, X.-G., Zhu, J.-G., Arnoldussen, T.C. Track edge overwrite and easy axis orientation in narrow track recording 50323
Ye, X.-G. *see* Zhu, J.-G. 50305
Ye, Y., Tugnait, J.K. Noisy input/output system identification using integrated polyspectrum 84511
Ye, Z. *see* Sood, R.K. 53329
Ye, Z.X. *see* Yan, L.G. 83578
Ye Anqi *see* Anqi Ye
Ye Bangjiao *see* Bangjiao Ye
Ye Bingkun Radio trunk system—an ideal choice for dedicated dispatch mobile communication network 52421
Ye Bingkun, Lu Weiming, Qi Shuqing A study and experiment of utilization of the back-up channel of a digital microwave communication system 52310
Ye Cao *see* Wang Runwen 83391
Ye Chun *see* Chun Ye
Ye Feng, Ma Zhongren, Yin Quanmin, Zhu Xuezheng, Qiao Qingwen, Guo Minyan, Wang Yifang Upgrading of the SFC 59017
Ye Fu, Dumont, G.A. Chip refiner motor load adaptive control using a nonlinear Laguerre model 100971
Ye Hao *see* Hao Ye
Ye He *see* He Ye
Ye Hongjuan *see* Gong Dawei 75995
Ye Hua, Luo Yongjian, Lin Zhencai, Luo Guixiang A digital phase locked 8 mm solid state source 80683
Ye Jiajin *see* Jiajin Ye
Ye Jingdong *see* Jingdong Ye
Ye Jun *see* Jun Ye
Ye Kairong *see* Liu Dekang 59016
Ye Lurong *see* Lurong Ye
Ye Minqiang A dynamic model of sensibility analysis in project evaluation 79216
Ye Peida *see* Chen Hui 83171
Ye Peida *see* Guo Jian-En 86488
Ye Peida *see* Li Qing 86489
Ye Peida *see* Li Qing 86490
Ye Peida *see* Peida Ye
Ye Peixian *see* Peixian Ye
Ye Ping, Chen Deshu Analysis and comparison of several schemes for digital ground distance relays 99749
Ye Qing *see* Wang Faji 52921
Ye Qingwei *see* Qingwei Ye
Ye Ren *see* Hua Renzhong 56626
Ye Ren *see* Lei Jianqui 72688
Ye Shen *see* Shen Ye
Ye Shixun *see* Que Lianyuan 53722
Ye Shizhong *see* Shizhong Ye
Ye Tianchun *see* Tianchun Ye
Ye Tianshui *see* Zeng Jinchuan 72561
Ye Tinglu The operation and control of Ge-Nan HVDC transmission system 53736
Ye Xiao-Guang *see* Xiao-Guang Ye
Ye Xiaochun *see* Zhao Xinmin 97897
Ye Yubin *see* Yubin Ye
Ye Yunliang, Yang Haitao Three Gorges transmission grid structure research 99971
Ye Zhang *see* Zhang Ye
Ye Zhenhuan, Lou Qihong, Xiang Shiqing, Dong Jingxing, Wei Yunrong Research on the characteristics of Raman amplification with an angular pump beam 73047
Ye Zhong-Ming, Pan Zu-Shan, Zhao Ke-Bin Optimization in PWM harmonic-elimination technique 100384
Ye Zhou, Lu Xingquan Real-time optimal control of voltage and reactive power 89050
Ye Zhou *see* Zhou Ye
Ye-In Chang, Jui-Hsiang Chen Design of correct communication protocols through analysis and synthesis 74745
Ye-Quang Chen *see* Yong-Cheng Liou 76086
Ye-Tai Fei *see* Fei Ye-Tai
Yea Byeong-Deok *see* Byeong-Deok Yea
Yea Hoon Lee *see* Sang Wu Kim 52314
Yea-Dean Sheu *see* Hsindao Lu 92233
Yeadon, N.J. *see* Lunn, A.S. 58202
Yeager, K.E. Initiation of structural change in the electricity industry of the USA 53654
Yeager, R. *see* Zhu, Q. 83919
Yeager, S. *see* Walsh, J. 51036
Yean-Kuen Fang *see* Ching-Ru Liu 55606
Yean-Kuen Fang *see* Kuin-Hui Chen 93320
Yean-Woei Kiang *see* Huang-Tien Lin 74564
Yeap, T.H. *see* Ahmed, N.U. 86379
Yeap, W.K. *see* Jin, J.S. 51564
Yeap, W.K. *see* Jin, J.S. 96007
Yeap Choh-Fei *see* Choh-Fei Yeap
Yearby, K.H., Smith, A.J. The polarisation of whistlers received on the ground near L=4 64144
Yeargain, J. *see* Sharma, U. 61722
Yeargain, J.R. *see* Sharma, U. 70505
Yeargain, J.R. *see* Sharma, U. 70620
Yearl Han Young *see* Young Yearl Han
Yearn Ik Choi *see* Byeong Ro Kang 71587
Yearn-Ik Choi *see* Il-Jung Kim 81781
Yeates, P.D. *see* Chen, C.D. 75394
Yeates, P.D. *see* Delavaux, J.M.P. 56730
Yeau-Keuen Fang, Kuen-Hsien Lee, Yaw-Jou Yang, Lee-Ching Kuo Novel amorphous-silicon-based light converter 56580
Yebin Gong *see* Ganz, A. 58362
Yechiam Yemini *see* Duanyang Guo 65819
Yeck, M.M. *see* Holling, G.H. 61657
Yedid, C. *see* Ancelin, C. 68377
Yedlin, M.J., Majer, E.L. Phase modulation of acoustic transducers 95606
Yee, A.C. *see* Cox, C.H., III 86504
Yee, E. *see* Hsindao Lu 92233
Yee, E. *see* Hwang, J.M. 71806
Yee, E. *see* Hwang, J.M. 93643
Yee, F. GPS and video data collection in Los Angeles County—a status report 65970
Yee, H. *see* Huang, K. 77828
Yee, H. *see* Lam, D.M. 59698
Yee, H. *see* Ypsilantis, J. 53749
Yee, H.K.C. *see* Abraham, R.G. 84718
Yee, H.P., Meyer, S., Horiguchi, K., Wakatabe, M., Sugai, A., Dittmer, G., Lauritzen, P.O. A self-driven synchronous rectifier 91888
Yee, I. *see* Rao, S. 79369
Yee, J.R. *see* Ming-Jeng Lee 65441
Yee, J.R. *see* Song-Chyau Liang 96600
Yee, K.S., Chen, J.S. Conformal hybrid finite difference time domain and finite volume time domain 94769
Yee, K.S. *see* Chan, C.H. 94937
Yee, M. *see* Casasent, D. 95981
Yee, M.L. *see* Stalker, K.T. 63507
Yee, N., Linnartz, J.-P.M.G., Fettweis, G. Multi-carrier CDMA in indoor wireless radio networks 86065
Yee, P., Haykin, S. Pattern classification as an ill-posed, inverse problem: a regularization approach 74114
Yee, R. *see* Oznovich, I. 99194
Yee, S. *see* Jung, C. 94198
Yee, S.R., Griffin, P.M. Three-dimensional imaging system 75880
Yee, S.S. *see* Jorgenson, R.C. 66380
Yee, S.S. *see* Xiaopinh Gao 93371
Yee, W.M., Shore, K.A. Threshold current density calculations for far-infrared semiconductor lasers 63819
Yee, W.M., Shore, K.A. Nearly degenerate four-wave mixing in laser diodes with nonuniform longitudinal gain distribution 72852
Yee Hansen *see* Hansen Yee
Yee Hong Yang *see* Leung, M.K. 96066
Yee Kwok Chee *see* Chee Yee Kwok
Yee Suk-Won *see* Suk-Won Yee
Yee-Hong Yang *see* Abdel-Hamid, G.H. 95832
Yee-Hong Yang *see* Jianqing Liu 74302
Yee-Hsiang Chang Wide area information accesses and the information gateways 85765
Yee-Hsiang Chang, Coggins, D., Pitt, D., Skellern, D., Thapar, M., Venkatraman, C. An open-systems approach to video on demand 52716
Yee-Wei Liu *see* Tyson Lin 50745
Yeeloy Lam, Singh, J. Monte Carlo analysis of the carrier relaxation processes in linear- and parabolic-GRINSCH quantum well laser structures 72816
Yefremenko, V.V., Markina, N.N. Investigation of the possibilities for monitoring the minor gaseous components of the atmosphere in the millimeter wave band on the basis of the GEISA data base 88770
Yegani, P. *see* Krunz, M. 52214
Yegenoglu, F., Jabbari, B. Characterization and modeling of aggregate traffic for finite buffer statistical multiplexers 61074
Yegenoglu, F., Yao Gao, Lua, T. A mathematical model for configuration planning of multi-beam satellites with heterogeneous service classes 97189
Yegenoglu, F. *see* Jabbari, B. 85350
Yegnanarayana, B., Rajendran, S., Ramachandran, V.R., Madhukumar, A.S. Significance of knowledge sources for a text-to-speech system for Indian languages 73778
Yegnanarayana, B. *see* Sekhar, C.C. 95287
Yegorov, F.A. *see* Burkov, V.D. 87205
Yegui Xiao, Tadokoro, Y. On Pisarenko and constrained Yule-Walker estimators of tone frequency 95487
Yeh, C. Applied photonics 54371
Yeh, C.-S. *see* Yuan, J.-S. 56087
Yeh, D. *see* Abbott, M. 70473
Yeh, E.-C., Sumic, Z., Venkata, S.S. APR: a geographic information system based primary router for underground residential distribution design 89232
Yeh, E.C. *see* Sumic, Z. 99561
Yeh, G.K., Bagchi, K., Burr, J.B., Peterson, A.M. OPERAS in a DSP CAD environment 91733
Yeh, H.-J.J., Smith, J.S. Fluidic self-assembly for the integration of GaAs light-emitting diodes on Si substrates 72631
Yeh, J.-H., Kostuk, R.K., Ta, K.-Y. High-speed optical bus for multiprocessor systems with substrate mode holograms 82788
Yeh, J.-H. *see* Tu, K.-Y. 82851
Yeh, J.C., Lin, C.E., Huang, C.L., Cheng, C.L. Calculation and harmonic analysis of transient inrush currents in three-phase transformers 100189
Yeh, J.J. *see* Jiang, S.H. 88061
Yeh, J.J. *see* Jiang, S.H. 98572
Yeh, K.-S. *see* Lu, H.-C. 84537
Yeh, K.C. *see* Lin, K.H. 83673
Yeh, K.C. *see* Mickelson, R.L. 85209
Yeh, M.M., Trembly, B.S., Douple, E.B., Ryan, T.P., Noopes, P.J., Heaney, J.A. Theoretical and experimental analysis of air cooling for intracavitary microwave hyperthermia applicators 88536
Yeh, M.Y. *see* Lee, M.K. 69972
Yeh, M.Y. *see* Wang, L.Y. 70250
Yeh, N.H., Yang, K.N. Paradox of deep gap field and far field at high frequencies in a recording head 52726
Yeh, P. *see* Gu, C. 82789
Yeh, P.C., Fossum, J.G. Subthreshold MOSFET conduction model and optimal scaling for deep-submicron fully depleted SOI CMOS 93645
Yeh, R.H. *see* Lam, C.T. 91130
Yeh, S.C. *see* Adam, A. 88087
Yeh, S.C. *see* Adam, A. 88102
Yeh, S.C. *see* Adriani, O. 88023
Yeh, T.-A., Lin, C.-L., Sivertsen, J.M., Judy, J.H., Chen, G.-L. Characterization of change of carbon bonding due to sliding wear damage by scanning Auger microscopy 50310
Yeh, T.-F., Huang, J.P., Reiser, A., Honda, K., Beauchemin, B.T., Jr., Hurditch, R.J. The interaction of novolak oligomers with hydrogen bond acceptors 81667
Yeh, T.-F. *see* Shih, H.-Y. 81656
Yeh, T.-J. *see* Chan, Y.J. 62898
Yeh, Y. *see* Ruey-Shun Chen 52103
Yeh Bao-Fuh *see* Bao-Fuh Yeh
Yeh Chau-Shioung *see* Chau-Shioung Yeh
Yeh Chin-Yung *see* Chin-Yung Yeh
Yeh Ching-Fa *see* Ching-Fa Yeh
Yeh Chun-Shin *see* Chun-Shin Yeh
Yeh Fang Yuh *see* Fang Yuh Yeh
Yeh Hen-Geul *see* Hen-Geul Yeh
Yeh Hsien-Chi *see* Hsien-Chi Yeh
Yeh Hsing-Chung *see* Hsing-Chung Yeh
Yeh Jin-Ching *see* Jin-Ching Yeh
Yeh Mei-yun *see* Mei-yun Yeh
Yeh Pochi *see* Pochi Yeh
Yeh Tzeng-Shong *see* Tzeng-Shong Yeh
Yeh Tzu-Jin *see* Tzu-Jin Yeh
Yeh Yung-Hui *see* Yung-Hui Yeh
Yehou Liu *see* Liu Yehou
Yei Peida *see* Guo Jianen 82601
Yelden, E.F., Scott, S.W.C., Strohschein, J.D., Seguin, H.J.J., Capjack, C.E., Reshef, H.W. Symmetry enhancement and spot-size reduction through radial beam stacking in a multichannel CO_2 laser array 82913

Yeldener, S., Kondoz, A.M., Evans, B.G. Multiband linear predictive speech coding at very low bit rates 96868
Yelk, J. *see* Bennett, G. 76550
Yell Seo Kwang *see* Kwang Yell Seo
Yelland, C., Hong, J., Padgett, M.J., Dunn, M.H., Sibbett, W. A vector approach to the geometrical dependence of polarisation rotation in a non-planar cw Nd:YAG ring laser 72945
Yelland, C. *see* Hong, J. 63735
Yelland, D.M.R. Radio spectrum management—harness the market? 75698
Yellin, D., Weinstein, E. Criteria for multichannel signal separation 74201
Yellin, S. *see* Abe, K. 88115
Yellin, S. *see* Antilogus, P. 59064
Yellin, S. *see* Antilogus, P. 59127
Yelon, A. *see* Gruning, U. 71333
Yelon, A. *see* Meunier, M. 62511
Yelon, A. *see* Meunier, M. 71412
Yelon, W.B. *see* Marasinghe, G.K. 50181
Yemeni, P. *see* Desal, S.R. 74853
Yemets, Yu.P., Onanko, A.F. Influence of an external electromagnetic field on a cylindrical conductor situated near the Earth's surface 83459
Yemini, Y. *see* Florissi, D. 96604
Yemini, Y. *see* Sairamesh, J. 85854
Yemini Yechiam *see* Yechiam Yemini
Yen, A. *see* Garza, C.M. 71509
Yen, A. *see* Krisa, W.L. 71508
Yen, B.T. *see* Qinghong Cao 75864
Yen, D. *see* Domet, J.J., III 75045
Yen, E. Present status of SRRC 66832
Yen, H.C. *see* Chen, C.H. 80708
Yen, J.-Y., Jeng, C.-S. Servo design for a laser 3-D measurement system 57028
Yen, J.C. *see* Nguyen, N.X. 62905
Yen, L. *see* Du, D.H.C. 97192
Yen, S.-R. *see* Liao, D.-Y. 48652
Yen, S.P.S., Lowry, L., Cygan, P.J., Jow, T.R. The investigation of 6 μM biaxially oriented polyethylene 2, 6-naphthalate as a possible dielectric for pulse power capacitors 82127
Yen, W.M. *see* Novo-Gradac, A.d. 73035
Yen, W.M. *see* Weiyi Jia 72570
Yen Chin-Tsu *see* Chin-Tsu Yen
Yen Chuan Hsu *see* Zeytinoglu, M. 74644
Yen Houzhong *see* Houzhong Yen
Yen Hsu-Chun *see* Hsu-Chun Yen
Yen Huan-Wun *see* Huan-Wun Yen
Yen Hung-Tien *see* Hung-Tien Yen
Yen Jui-Cheng *see* Jui-Cheng Yen
Yen Mao-Song *see* Mao-Song Yen
Yen Nie-Zen *see* Nie-Zen Yen
Yen Wu *see* Dinggang Shen 95926
Yen-Ching Yu *see* Chun-Han Chen 98809
Yen-Chu Wang, Zheng An Qiu, Raj Yalamanchili Meissner model of superconducting rectangular waveguides 72275
Yen-Chu Wang *see* Yalamanchili, R. 70818
Yen-Hsyang Chu, Chun-Hsien Lin The severe depletion of turbulent echo power in precipitation observed using the Chung-Li VHF Doppler radar 99183
Yen-Ju Yang *see* Lin-Shan Lee 95300
Yen-Kuang Kuo, Wei Chen, Stultz, R.D., Birnbaum, M. Dy^{2+}:CaF_2 saturable-absorber Q switch for the ruby laser 94400
Yen-Kuang Kuo, Yang, Y., Birnbaum, M. Cr^{4+}:$Gd_3Sc_2Ga_3O_{12}$ passive Q-switch for the Cr^{3+}:$LiCaAlF_6$ laser 56822
Yen-Min Huang, Ravishankar, C.V. Designing an agent synthesis system for cross-RPC communication 52074
Yen-Min Huang, Ravishankar, C.V. Linguistic support for controlling protocol execution 65079
Yen-Pei Wu *see* Guan-Chyun Hsieh 90049
Yen-Ping Shan, DeBinder, J., DeNatale, R., Krauss, C., Mueller, P. A multiple-platform multi-language distributed object-oriented messaging system 85679
Yen-Tai Lai *see* Ping-Tsung Wang 70403
Yen-Wu Lo, King, R.J. High-performance ripple feedback for the buck unity-power-factor rectifier 90148
Yener, B., Boult, T.E. A study of upper and lower bounds for minimum congestion routing in lightwave networks 65793
Yeng-Fu Cheng *see* Chia-Hung Hsiao 77019
Yenicerioglu, O. *see* Erkut, E. 91311
Yeo, C.Y., Tam, S.C., Jana, S., Lau, M.W.S. A technical review of the laser drilling of aerospace materials 73182
Yeo, I.-S. *see* Ho, P.S. 62539
Yeo, S.H., Ngoi, B.K.A., Chua, H.Y. A low-cost automated handling system for SPC evaluation of packaging processes 79371
Yeo, S.P., Cheng, M., Bannister, D., Ide, J.P. Detection of 180° phase discrepancies in multiport waveguide transmission measurements 97840
Yeo, S.P., Qiao, L. Symmetrical five-port waveguide junction with −20 dB residual mismatch over waveguide bandwidth 49620
Yeo, S.P. *see* Qiao, L. 98288
Yeo, T.S. *see* Gao, M.Z. 73348
Yeo, T.S. *see* Li, L.W. 64133
Yeo, T.S. *see* Li, L.W. 94800
Yeo, T.T.E., Jin, X.C., Ong, S.H., Jayasooriah, Sinniah, R. Clump splitting through concavity analysis 85137
Yeo Hwan Kim, Sang Jik Kwon, Kuk Jin Chun, Jong Duk Lee Properties of the p^+ poly-Si gate fabricated using the As preamorphization method 62743
Yeo Hwan Kim *see* Sang gi Yu 71687
Yeo Jong-Kee *see* Jong-Kee Yeo
Yeo Siang-Tiong *see* Siang-Tiong Yeo
Yeo-Song Seol *see* Myung-Seon Kim 62589
Yeoh, C.T.H., Lister, S.J.S., Mosley, A., Nicholas, B.M. Addressing schemes for ferroelectric liquid crystal matrix displays 58926
Yeoh, C.T.H., Mosley, A., Nicholas, B.M. Effects of alignment structure on charge controlled switching of ferroelectric liquid crystals 72469
Yeol Lee Joo *see* Joo Yeol Lee
Yeol Lee Sang *see* Sang Yeol Lee
Yeol Oh Eui *see* Eui Yeol Oh
Yeol Rheem Jae *see* Jae Yeol Rheem
Yeom, H. *see* Kim, J.L. 51865
Yeom Dong Jim *see* Dong Jim Yeom
Yeom Hyo Young *see* Hyo Young Yeom
Yeom Keesoo *see* Keesoo Yeom
Yeomans, J.S. *see* Dixon, J.L. 96947
Yeon Ahn Hye *see* Hye Yeon Ahn
Yeong Ho Ha *see* Jae Chang Shim 64871
Yeong Ho Ha *see* Jae Hwui Bae 74400
Yeong Ho Ha *see* Jun Jae Lee 95888
Yeong Ho Ha *see* Kyeong Hoon Do 74397
Yeong Jee Chung *see* Dong Do Lee 93864
Yeong Kim Jae *see* Jae Yeong Kim
Yeong Lee Sang *see* Sang Yeong Lee
Yeong-cheng Wang, Li, S.S. A planar two-dimensional circular aperture metal grating coupler for quantum well infrared photodetectors 75975
Yeong-Chin Chen *see* Kin-Lu Wong 73451
Yeong-Her Wang, Meng Hwang Liu, Mau Phon Houng, Chen, J.F., Cho, A.Y. Investigation of negative differential resistance phenomena in GaSb/AlSb/InAs/GaSb/AlSb/InAs structures 93515
Yeong-Her Wang *see* Houng-Chi Wei 62690
Yeong-Her Wang *see* Houng-Chi Wei 81817
Yeong-Her Wang *see* Kao-Feng Yarn 81799
Yeong-Jar Chang, Chung Len Lee Synthesis of multi-variable MVL functions using hybrid mode CMOS logic 55227
Yeong-Lin Lai *see* Kun-Chuan Lin 81338
Yeong-Ning Chyr *see* Fuh, A.Y.-G. 50575
Yeong-Taeg Kim, Arce, G.R. Permutation filter lattices: a general order-statistic filtering framework 84346
Yeong-Taeg Kim *see* Jean-Hsang Lin 57760
Yeong-Tsong Tsay *see* Wen-Tsuen Chen 64991
Yeou-Song Lee *see* Wei-Tou Ni 86822
Yeow, Y.T. *see* Ghodsi, R. 71705
Yepanechnikov, V.A. *see* Aleksandrov, M.S. 99179
Yequi Zhu *see* Krasnoperova, A.A. 81601
Yeremian, A. *see* Ruth, R.D. 66791
Yeremian, A.D., Alley, R.K., Clendenin, J.E., Frisch, J.C., Garden, C.L., Klaisner, L.A., Kulikov, A.V., Miller, R.H., Prescott, C.Y., Saez, P.T., Schultz, D.C., Tang, H., Turner, J.L., Woods, M.B., Zolotorev, M. Performance of the SLC polarized electron source and injector with the SLAC 3 km linac configured for fixed target experiments 76724
Yeremian, A.D. *see* Clendenin, J.E. 76743
Yeremian, A.D. *see* Jones, T.A. 76413
Yerkes, C., Webster, E. Implementation of ω-k synthetic aperture radar imaging algorithm on a massively parallel supercomputer 75625
Yermakov, A.N., Zhitomirsky, B.M., Popov, V.N. Hydrogen production from coal conversion under high-power electron beams 89418
Yershov, R.Y. B(H) curves for alternating magnetization of ferromagnetic materials 71984
Yeshayahu Fainman *see* Fang Xu 50969
Yeshurun, Y. *see* Arad, N. 51668
Yester, J.L., McFall, R.H. Fuzzy logic controller for active suspension 78949
Yester, R.J. Concept 5: the latest word in data center electrical reliability 68875
Yet-Ming Chiang, Silverman, L.A., French, R.H., Cannon, R.M. Thin glass film between ultrafine conductor particles in thick-film resistors 70937
Yetter, G. *see* DeWitt, D.P. 81708
Yetter, G. *see* Mack, C.A. 81661
Yeuh-Yeong Liou *see* Cheng-Wei Chu 82706
Yeun Gook Ryu *see* Keun Her 97202
Yeun Park Chong *see* Chong Yeun Park
Yeung, K.L., Yum, T.-S.P. A wavelength concentrator for WDMA networks 75141
Yeung, K.L., Yum, T.-S.P. Cell group decoupling analysis of a channel borrowing based dynamic channel assignment strategy in microcellular radio systems 75250
Yeung, K.L., Yum, T.-S.P. Compact pattern based dynamic channel assignment for cellular mobile systems 75289
Yeung, K.L., Yum, T.-S.P. Compact pattern based dynamic channel assignment for cellular mobile systems 97153
Yeung, K.L. *see* Yum, T.-S.P. 75293
Yeung, K.S. *see* Mestha, L.K. 76514
Yeung, M. *see* Helmsen, J.J. 71496
Yeung, N.K., Sutu, Y.-H., Su, T.Y.-F., Pak, E.T., Chao, C.-C., Akki, S., Yau, D.D., Lodenquai, R. The design of a 55SPECint92 RISC processor under 2W 92284
Yeung, S.K., Petriu, E.M., McMath, W.S., Petriu, D.C. High sampling resolution tactile sensor for object recognition 74389
Yeung, S.K. *see* McMath, W.S. 97887
Yeung, S.K. *see* McMath, W.S. 97993
Yeung Dit-Yan *see* Dit-Yan Yeung
Yeung Kai-Hau *see* Kai-Hau Yeung
Yeung Ngo Chin *see* Chin Yeung Ngo
Yevdokimov, V.V. *see* Myasin, Ye.A. 49742
Yevdokimov, V.V. *see* Myasin, Ye.A. 92894
Yevdokunin, G.A. *see* Aleksandrov, G.N. 78220
Yevdokunin, G.A. *see* Bazutkin, V.V. 78074
Yevick, D. A guide to electric field propagation techniques for guided-wave optics 50537
Yevick, D. *see* Daly, M.G. 72365
Yevick, D. *see* Deng-Ping Xue 63484
Yevick, D. *see* Jun Yu 63420
Yew Chuan Kuan *see* Bryan Kok Ann Ngoi 54433
Yew Lim See *see* See Yew Lim
Yew Toon-Lin *see* Toon-Lin Yew
Yeyios, A.K., Psimarni, A. Optimum Modified Extrapolated Jacobi method for consistently ordered matrices 79694
Yhann, S.R. *see* Simpson, J.J. 77296
Yhdego, M. Personal view: engineering education in Eritrea—proposals for a College of Engineering 79157
Yhon Kyong Choi, Chong Suck Rim Single layer channel routing for the channel with internal terminals 91804
Yi, C.L. *see* Yan, L.G. 83578
Yi, G., Sayer, M. Sol gel processing of thick PZT films 54979
Yi, H. *see* Diaz, J. 72894
Yi, H.J. *see* Diaz, J. 79903
Yi, J., Wallace, R., Palmer, J., Anderson, W.A. Thin film amorphous and microcrystalline Si for solar cells 78822
Yi, J., Wallace, R., Palmer, J., Anderson, W.A. Amorphous and micro-crystalline silicon for photovoltaic application 100690
Yi, W. *see* Barakat, M. 98712
Yi, X.J. *see* DiVenere, A. 54853
Yi Chen *see* Chiou, H.-D. 71263
Yi Chen *see* Chen Yi
Yi Chen Kuang *see* Kuang Yi Chen
Yi Chiu *see* Qibiao Chen 82724
Yi Chul Un *see* Chul Un Yi
Yi Fan *see* Ande Lu 66580
Yi Fan *see* Runguang Sun 72391
Yi Hong *see* Hong Yi
Yi Hu *see* Alvarado, F. 77958
Yi Hu *see* Hu Yi
Yi Huang, Chuyu Sheng The influence of pseudo-random numbers on yield analysis and optimization of microwave circuits 92509
Yi Ke-Chu *see* Ke-Chu Yi
Yi Kechu *see* Cheng Jun 84180
Yi Kyoung Soo *see* Kyoung Soo Yi
Yi Kyung-Woo *see* Kyung-Woo Yi
Yi Liang Jia *see* Jia Yi Liang
Yi Liu, Lynnworth, L.C. Flexural wave sidewall sensor for noninvasive measurement of discrete liquid levels in large storage tanks 99314
Yi Liu *see* Jawerth, B. 74452
Yi Lu, Chi-Tang Sah Two pathways of positive oxide-charge buildup during electron tunneling into silicon dioxide film 93095
Yi Lu, Wood, R.M., Van Alstine, R.G. Florida Power Corporation's Technical Specification Advisor 68142
Yi Luo *see* Luo Yi
Yi Mu *see* Qiao Sang 80351
Yi Pan Order statistics on optically interconnected multiprocessor systems 50626
Yi Pu-ji *see* Zhou, E. 89723
Yi Sang Bae *see* Sang Bae Yi
Yi Seungjun *see* Seungjun Yi
Yi Shi, E. A fully automated environmental detection instrument 87011
Yi Siong Hun *see* Siong Hun Yi
Yi Sun *see* Sun Yi
Yi Wang *see* Wang Yi
Yi Xianmin *see* Xianmin Yi
Yi Xie *see* Xie Yi
Yi Xie Wei *see* Wei Yi Xie
Yi Xinjian *see* Hao Jianhua 98003
Yi Xinjian *see* Zhou Fangqiao 52865
Yi Xu *see* Xu Yi
Yi Yan Sparse preconditioned iterative methods for dense linear systems 79659
Yi Zhang, Sobhani, S., Chokhawala, R. Snubber considerations for IGBT applications 80114
Yi Zhang *see* Weyand, K. 83717
Yi Zheng *see* Jiayou Feng 91463
Yi Zheng *see* Zheng Yi
Yi Zhou *see* Zhou Yi
Yi-Bao Yuan *see* Yuan Yi-Bao
Yi-Bing Lin Determining the user locations for personal communications services networks 75324
Yi-Bing Lin, Mak, V.W. Eliminating the boundary effect of a large-scale personal communication service network simulation 86132

Yi-Bing Lin, Mohan, S., Noerpel, A. Queueing priority channel assignment strategies for PCS hand-off and initial access 75343
Yi-Bing Lin, Mohan, S., Noerpel, A. PCS channel assignment strategies for hand-off and initial access 86079
Yi-Bing Lin, Wai Chen Call request buffering in a PCS network 65206
Yi-Bing Lin *see* Jain, R. 97062
Yi-Chang Chen *see* Erl-Huei Lu 73672
Yi-Chang Cheng *see* Erl-Huei Lu 55191
Yi-Cheng Lin *see* Chao, L.R. 95167
Yi-Chuan Lu *see* Stewart, C. 52639
Yi-Du Yang *see* Yang Yi-Du
Yi-Feng Jang, Jinn-Nang Kao, Jinn-Shiang Yang, Po-Chuang Huang A 0.8 μ 100-MHz 2-D DCT core processor 80383
Yi-Gao Sha *see* Gillies, D.C. 61221
Yi-Hong Wu Structure-dependent threshold current density for CdZnSe-based II-VI semiconductor lasers 72883
Yi-Hsin Pao *see* Lau, J. 92792
Yi-Jang Wu *see* Nen-Fu Huang 85851
Yi-Jen Chan, Ming-Ta Yang, Jen-Inn Chyi, Jia-Lin Shieh, Ray-Ming Lin AlGaAs/GaAs heterostructure field-effect transistors (HFET's) grown by molecular beam epitaxy 62865
Yi-Jen Chan, Ming-Ta Yang, Tzu-Jin Yeh, Jen-Inn Chyi High uniformity of $Al_{0.3}Ga_{0.7}As/In_{0.15}Ga_{0.85}As$ doped-channel structures by molecular beam epitaxy on 3" GaAs substrates 81277
Yi-Jen Chan, Pavlidis, D. Trap studies in GaInP/GaAs and AlGaAs/GaAs HEMT's by means of low-frequency noise and transconductance dispersion characterizations 56027
Yi-Jen Chan *see* Ming-Ta Yang 81940
Yi-Jun He, Quanrang Yang Backscattering of the electromagnetic missile from an irregular surface 57087
Yi-Kong Tsai *see* Der-Chin Su 94692
Yi-Liang Wu *see* Wu Yi-Liang
Yi-Min Wang, Lowry, A., Kent Fuchs, W. Consistent global checkpoints based on direct dependency tracking 57987
Yi-Min Wang *see* Pi-Yu Chung 80240
Yi-Ming Zheng *see* Zheng Yi-Ming
Yi-Ping Hung *see* Sheng-Wen Shih 57924
Yi-Qiu Wang *see* Dong-Hai Yang 58620
Yi-Qun He, Mao-Song Yen Time-of-day electricity pricing concerning generation system reliability cost 59819
Yi-sha Ku, Yuan-lun Tsai, Chen, G. An experimental study in the design of high-stability gas dielectric capacitors 92643
Yi-sheng Gong *see* Zhong-he Wang 81536
Yi-Sheng Zhang *see* Xiao-Hu Yu 98918
Yi-Sheng Zhang *see* Xiao-Hu Yu 98919
Yi-Song Liu The BMLA/LS technique and its application in a mobile satellite communication channel 86144
Yi-Teh Lee Corrections and supplementary note to "Information-theoretic distortion measures" 51278
Yi-Xian Yang *see* Xin-Mei Wang 73664
Yi-Xin Ni *see* Ben-Tao Yuan 60019
Yi-Xin Ni *see* Ben-Tao Yuan 89128
Yi-Zhong Wang *see* Bo-Ping Hu 82259
Yi-Zhong Wang *see* Fu-Ming Yang 82247
Yi-Zhong Wang *see* Jifan Hu 71926
Yia-Chung Chang *see* Chih-Hsiang Lin 72432
Yializis, A., Venable, T.L. Evaluation of polymer dielectric capacitor films and capacitors 80926
Yibin Zhang *see* Yingbin Zhai 83284
Yibing Wang *see* Wang Yibing
Yicheng Lu, Wang, M., Lalevic, B. Two-dimensional simulation of silicon avalanche cathodes 49739
Yicheng Lu *see* Kosinski, J.A. 71850
Yicheng Lu *see* Wullert, J.R., II 50446
Yicheng Lu *see* Yoon, Y.J. 62071
Yichuan Huang *see* Tingjie Zhao 63688
Yidong Chen, Dougherty, E.R. Gray-scale morphological granulometric texture classification 84623
Yidong Huang, Zundu Luo Relaxation oscillation theory for the Nd^{3+}:YAB self-frequency-doubling laser 94414
Yie He *see* He Yie
Yieh, E. *see* Kwok, K. 70158
Yifan Tang, Longya Xu Adaptive fuzzy control of a variable speed power generating system with doubly excited reluctance machine 100040
Yifan Tang *see* Longya Xu 60190
Yifang Wang *see* Wang Yifang
Yifei Du *see* Du Yifei
Yifei Wang *see* Wang Yifei
Yifu Zhu Upconversion lasers without population inversion 56596
Yigang Xie *see* Zhijin Jiang 67394
Yigang Xu *see* Xu Yigang
Yigen Zeng Optimisation of vibration sensor location for an industrial ball mill 97911
Yigong Zhang *see* Jeen-Shang Lin 70717
Yih, P.H., Li, J.P., Steckl, A.J. SiC/Si heterojunction diodes fabricated by self-selective and by blanket rapid thermal chemical vapor deposition 49959
Yih Lin Won *see* Won Yih Lin
Yih Shiuh-Ren *see* Shiuh-Ren Yih
Yih-Cheng Shih, Garofalo, J. Application of subresolution phase shift mask with G-line stepper for sub-half micron gate GaAs circuits 71823
Yih-Chuan Lin, Shen-Chuan Tai A fast vector quantization encoder for video coding 84916
Yih-Chyun Jenq Sinc interpolation errors in finite data record length 97864
Yih-Fang Huang *see* Ammar, M. 95430
Yih-Fang Huang *see* Seung-Jin Choi 64660
Yih-Fang Huang *see* Shih-Chi Huang 57706
Yih-Feng Chyan, Chun-Yen Chang, Sze, S.M., Meng-Jang Lin, Liao, K., Reif, R. Analytical modeling of polycrystalline silicon emitter bipolar transistors under high-level injection 55897
Yih-Feng Chyan, Sze, S.M., Chun-Yen Chang, Chiueh, H., Reif, R. High-level injection influence on the high frequency performance of polycrystalline silicon emitter bipolar transistors 55898
Yih-Feng Chyan, Sze, S.M., Chun-Yen Chang, Reif, R. Effect of Ge concentration on static and microwave performances in Ge_xSi_{1-x} heterojunction bipolar transistors under high-level injection 55908
Yih-Feng Chyan, Sze, S.M., Chun-Yen Chang, Reif, R. Effect of interfacial oxide on static and high-frequency performance in poly-emitter bipolar transistors under high-level injection 62683
Yih-Lan Song *see* Lu, C.S. 95053
Yih-Lang Li, Cheng-Wen Wu Logic and fault simulation by cellular automata 49332
Yih-Ru Wang, Jyh-Ming Shieh, Sin-Horng Chen Tone recognition of continuous Mandarin speech based on hidden Markov model 64395
Yih-Sheng Lin *see* Yuan-Hwang Chen 57612
Yih-Shyang Cheng, Tsair-Chun Liang Rotational invariant pattern recognition using a composite circular harmonic and 2D isotropic Mexican-hat wavelet filter 95800
Yihan Yang *see* Yang Yihan
Yihong Gong, Hongjiang Zhang An effective method for detecting regions of given colors and the features of the region surfaces 64666
Yihong Gong *see* HongJiang Zhang 64658
Yihong Qing *see* Qing Yihong
Yihong Wu, Hock Khoo, Takuyo Kogure Read-only optical disk with superresolution 63348
Yihong Yang *see* Yang Yihong
Yihuang Zhang *see* Zhang Yihuang
Yijia Cao, Lin Jiang, Shijie Cheng, Deshu Chen, Malik, O.P., Hope, G.S. A nonlinear variable structure stabilizer for power system stability 89152
Yijia Cao *see* Cao Yijia
Yijiang Chen, Atai, J. Asymmetric dark modes in symmetric nonlinear waveguides 64196
Yijun Xiong, Bruneel, H. A tight upper bound for the tail distribution of the buffer contents in statistical multiplexers with heterogeneous MMBP traffic sources 96136
Yikang Sun *see* Sun Yikang
Yilbas, B.S., Sahin, A.Z. Laser pulse optimization for practical laser drilling 83407
Yilbas, B.S., Sahin, A.Z., Ciftliki, C. Use of a fiber optic probe during CO_2 laser drilling 58805
Yildirim, C., Butler, J.T., Yang, C. Multiple-valued PLA minimization by concurrent multiple and mixed simulated annealing 49252
Yildiz, D., Kuzum, L. Turning up the power [hydroelectric power] 89717
Yilmaz, H. *see* Tsui, A.C. 55995
Yilmaz, S., Gerhard-Multhaupt, R., Bonner, W.A., Hwang, D.M., Inam, A., Martinez, J.A., Ravi, T.S., Sands, T., Wilkens, B.J., Wu, X.D., Venkatesan, T. Electro-optic potassium-tantalate-niobate films prepared by pulsed laser deposition from segmented pellets 82712
Yilmaz, S. *see* Gerhard-Multhaupt, R. 63950
Yilmaz, U.M. *see* Gibson, A.J. 86654
Yilong Lu, Fernandez, F.A. Vector finite element analysis of integrated optical waveguides 82635
Yilong Lu, Shouzheng Zhu, Anibal Fernandez, F. The efficient solution of large sparse nonsymmetric and complex eigensystems by subspace iteration 83446
Yim, L.W.K. *see* Johnstone, W. 98031
Yim Changhoon *see* Changhoon Yim
Yim Han-Suck *see* Han-Suck Yim
Yim Jae-Hong *see* Jae-Hong Yim
Yim Kang Bin *see* Kang Bin Yim
Yim Kangbin *see* Jung Gihyun 91174
Yim Myungsik *see* Myungsik Yim
Yim Sug-Soon *see* Sug-Soon Yim
Yim-Kul Lee Optical angular mapping for pattern recognition using self-pumped phase conjugation 84901
Yim-Kul Lee, Hyung-Wook Jeon, Jung-Young Son, Myong-Wook Kim, Jae-Chul Cho Direction-dependent filtering using self-pumped phase conjugation 50955
Yim-Sbu Lee *see* Kwok-Wai Ma 68814
Yim-Shu Lee *see* Kwok-Wai Ma 78728
Yimei Zhu *see* Fuerst, C.D. 50386
Yimin Cai *see* Cai Yimin
Yimin Guo, Jian-Gang Zhu Micromagnetic study of narrow track orthogonal giant magnetoresistive heads 72108
Yimin Huang, Chenhsin Lien Enhancement of the Stark effect in AlInAs/GaInAs coupled quantum wells and their application to tunable midinfrared photodetectors 87193
Yimin Huang *see* Chenhsin Lien 81946
Yimin Jiang *see* Guichao Hua 60324
Yimin Mao *see* Hao Bi 95228
Yiming Hou *see* Hou Yiming
Yin, A., Fonash, S.J. Oxygen plasma enhanced crystallization of a-Si for low thermal budget poly-Si TFTs on Corning 7059 glass 93404
Yin, A. *see* Karczewski, G. 61279
Yin, A. *see* Short, S.W. 54855
Yin, D. *see* Moslehi, M. 93626
Yin, D. *see* Moslehi, M.M. 71800
Yin, D. *see* Moslehi, M.M. 90920
Yin, H., Allinson, N.M. Unsupervised segmentation of textured images using a hierarchical neural structure 95989
Yin, N., Hluchyj, M.G. On closed loop rate control for ATM cell relay networks 64943
Yin, S. *see* Yu, F.T.S. 63541
Yin, X. *see* Arent, D.J. 56524
Yin, Y., Rawnsley, W.R., Mackenzie, G.H. An in-vacuum wall current monitor and low cost signal sampling system 98477
Yin, Y. *see* Davis, C.A. 62411
Yin, Y. *see* McKenzie, D.R. 70083
Yin, Y. *see* Qiang, H. 91677
Yin, Z., Xu, B., Wang, H. One-step, low-temperature sintering of $SrTiO_3$ based grain boundary barrier layer capacitor materials 54984
Yin, Z.W. *see* Huang, Z.Z. 54985
Yin Aiguo *see* Aiguo Yin
Yin Fang-Fang *see* Fang-Fang Yin
Yin Gongjie *see* Yuan Lixiang 56840
Yin Guangming *see* Guangming Yin
Yin He-Jun *see* He-Jun Yin
Yin Hong Cheng *see* Hong Cheng Yin
Yin Hongkun *see* Gao Yuzhi 61365
Yin Huajie, Jin Zhenrong, Lin Jinming Improved no-load air-gap field distribution in permanent magnet synchronous motor 89867
Yin Jiahnsheng *see* Jiahnsheng Yin
Yin Jun *see* Jun Yin
Yin Lin *see* Lin Yin
Yin Mingyu, Zhang Bo, Duan Dongyuan Analytical approach to quasi-continuous potential and field profile by full-searching least squares [reverse-biased p-n junctions] 62230
Yin Nanying *see* Nanying Yin
Yin Nanyong *see* Wang Zhongyang 93295
Yin Peng-Yeng *see* Peng-Yeng Yin
Yin Qichao *see* Qichao Yin
Yin Quanmin *see* Ye Feng 59017
Yin Ruixiang *see* Ruixiang Yin
Yin Seek Kwai *see* Kwai Yin Seek
Yin Shizhuo *see* Shizhuo Yin
Yin Tang Bao *see* Bao Yin Tang
Yin Wa Wong *see* Kit Po Wong 59686
Yin Wa Wong *see* Kit Po Wong 59687
Yin Wan-Lee *see* Wan-Lee Yin
Yin Weijun *see* Weijun Yin
Yin Weiyi *see* Zeng Xingwen 84566
Yin Wenyan, Li Pao The dyadic Green's theory of spherical multilayered chiral media and its applications 94997
Yin Wenyan, Wan Wei, Wang Wenbing Mode characteristics in a circular uniaxial chiro-omega waveguide 61864
Yin Wenyan, Wan Wei, Wang Wenbing The effects of magnetic biasing fields on the far-field distributions of source on composite ferrite media 73518
Yin Wenyan, Wang Wenbing Transverse coupling between two general biisotropic slabs 64186
Yin Wenyan, Wang Wengbing Reflection and transmission for planar structures of uniaxial chiro-omega media 73254
Yin Wong Yin *see* Yin Yin Wong
Yin Xiaodong *see* Xiaodong Yin
Yin Xijin *see* Yang Yongfeng 98553
Yin Yan *see* Yan Yin
Yin Yin Wong *see* Mills, M. 66072
Yin Yonghua *see* Guo Jianbo 77996
Yin Yuan-Zhao *see* Yuan-Zhao Yin
Yin Yuexin *see* Yuexin Yin
Yin-Chung Loh *see* Hwu, S.U. 86297
Yin-Fai Wong Dynamic range compression by edge-preserving filtering 95987
Yin-Hei Chan *see* Chok-Ki Chan 74535
Yin-Hei Chan *see* Chok-Ki Chan 95916
Yin-Jang Chen *see* Jung-Chao Chiou 48974
Yin-Lai Wang *see* Ming Ouhyoung 58093
Yin-Lun Yuan *see* Yao-Tsung Tsai 55551
Yin-Pang Ma, Song-Feng Wang, Yu-Long Wang Analyses of hypothetical steam generator tube rupture events to evaluate emergency operating procedures of Maanshan nuclear power station 99848
Yinbao Chen *see* Chen Yinbao
Yinchao Chen, Beker, B. Analysis of coupled microstrip patch resonators printed on anisotropic substrates 80626
Yinchao Chen, Beker, B. Application of MoL to shielded microstrip lines with bi-anisotropic biaxial substrates and cover layers 83761
Yinchao Chen, Beker, B. Study of microstrip step discontinuities on bianisotropic substrates using

the method of lines and transverse resonance technique 92456
Yinfan Xu *see* Xu Yinfan
Yinfong Wang *see* Yuping Sun 50396
Ying, C.-H.J. *see* Steedly, W.M. 84352
Ying, C.-H.J. *see* Steedly, W.M. 84468
Ying, C.F. *see* Yuan Liu 93740
Ying, G.S., Mitchell, C.D., Jamieson, L.H. Endpoint detection of isolated utterances based on a modified Teager energy measurement 84134
Ying, J. *see* Heumann, K. 90188
Ying, M.H., Thong, J.T.L. Insulator charging under irradiation with a stationary electron probe 83469
Ying Bao, Walton, P.W. Real-time measurement of mass accumulation on filters using acoustic-wave techniques 87074
Ying Cai, Fortenberry, R.M., Tucker, R.S. Demonstration of photonic packet-switched ring network with optically transparent nodes 86479
Ying Cui *see* Cui Ying
Ying Hao, Jyh-Charn Liu Media synchronization in ATM network-based distributed multimedia systems 65507
Ying Jianping *see* Jianping Ying
Ying Li, Steele, R. Serial interference cancellation method for CDMA 85338
Ying Li, Woodham, R.J. Orientation-based representations of 3-D shape 84796
Ying Li, Yasuda, M., Takada, T. Pulsed electroacoustic method for measurement of charge accumulation in solid dielectrics 53048
Ying Li *see* Li Ying
Ying Lin *see* Lin Ying
Ying Liu A unification of several image compression methods 74367
Ying Liu A neural cryptosystem 84010
Ying Runjie *see* Xie Jialin 72933
Ying Shan, Peng Fei Shi, Jie Gu Li Fingerprint preclassification using key-points 95936
Ying Sun, Iching Liu, Grady, J.K. Reconstruction of 3-D binary tree-like structures from three mutually orthogonal projections 51504
Ying Sun *see* Suppappola, S. 67538
Ying Wen *see* Lin Huang 81173
Ying Wu Hong *see* Hong Ying Wu
Ying Zhang *see* Kirmse, K.H.R. 93207
Ying Zhang *see* Xiao-Hong Chen 79952
Ying Zhao *see* Zhao Ying
Ying Zhi-Feng *see* Zhi-Feng Ying
Ying Zhixiang *see* Fang Qiwan 57032
Ying-Chang Liang *see* Xian-Da Zhang 95431
Ying-Chieh Wu *see* Song Chen 52164
Ying-guang Shi *see* Shi Ying-guang
Ying-Hong Weng *see* Weng Ying-Hong
Ying-Jie Xin, Yuan-Hua Zhou Topology on image processing 96113
Ying-Jieh Huang, Ishizuka, M., Yasuda, Y. A segmentation-based image coding and its application to resolution conversion 64608
Ying-Lan Chang, Tan, I.-H., Reaves, C., Merz, J., Hu, E., DenBaars, S., Frova, A., Emiliani, V., Bonanni, B. Passivation of InGaAs/InP surface quantum wells by ion-gun hydrogenation 55593
Ying-Lan Chang *see* Emiliani, V. 62237
Ying-Ming Wu *see* Ching-Chir Shyur 86434
Ying-Moh Liu, Lon Chu, Fong, D. Modeling and analyses of the voltage imaging spatial resolution 66151
Ying-ngai Wang *see* Chung, R. 95927
Ying-Ning Peng *see* Peng Ying-Ning
Ying-Quan Liang *see* Huei Wang 51033
Ying-Ren Ma Study of the oxygen-sensitive behavior of yellow lead oxide by defect chemistry 81263
Ying-Shieh Kung, Chang-Ming Liaw A fuzzy controller improving a linear model following controller for motor drives 78862
Ying-Tung Hsiao, Hsiao-Dong Chiang, Chun-Chang Liu, Yuan-Lin Chen A computer package for optimal multi-objective VAr planning in large scale power systems 53714
Ying-Tung Hsiao, Hsiao-Dong Chiang, Chung-Chang Liu, Yuan-Lin Chen A computer package for optimal multi-objective VAr planning in large scale power systems 78031
Ying-Tung Hsiao *see* Yuan-Lin Chen 68154
Ying-Yi Hong Impacts of load models on solutions of Newton optimal power flow 99439
Ying-Yi Hong, Heng-Yi Wang Impacts of static and dynamic models on solutions of voltage stability simulations—case studies 99438
Ying-Yu Tzou, Lien-Hsun Ho, Rong-Shyang Ou Fuzzy control of a closed-loop regulated PWM inverter under large load variations 90192
Ying-Yu Tzou, Lun-Jun Hsu A practical SPICE macro model for the IGBT 80131
Ying-Yu Tzou *see* Hsiang-Jui Wu 90545
Ying-Yu Tzou *see* Meng-Yueh Chang 100046
Ying-Yu Tzou *see* Shih-Liang Jung 90174
Ying-Yu Tzou *see* Shih-Liang Jung 90177
Ying-Yu Tzou *see* Shih-Liang Jung 100291
Ying-Yu Tzou *see* Shih-Liang Jung 100292
Yingbai Yan *see* Guoliang Huang 74365
Yingbin Zhai, Yibin Zhang, Shuicai Wang Transient relaxation dynamics in $Al_xGa_{1-x}As$ III-V compound semiconductor 83284
Yingbo Hua The most efficient implementation of the IQML algorithm 74211
Yingbo Hua *see* Sarkar, T.K. 51465
Yingchang Liang *see* Liang Yingchang
Yingduo Han *see* Han Yingduo
Yinger, P.B. *see* Polley, R. 96957
Yingfan Xu *see* Ertekin, R.C. 68486
Yingju Huan *see* Huan Yingju
Yingju Huang *see* Huang Yingju
Yingjun Pan *see* Pan Yingjun
Yinglei Huang, Saulson, P.R. A method for measuring the dependence of internal friction on strain 66688
Yingli Luo *see* Luo Yingli
Yingmin Wang *see* Wang Yingmin
Yingning Peng *see* Peng Yingning
Yingping Zhang *see* Mingui Sun 74456
Yingwen Lin *see* Lin Yingwen
Yingwu Lian, Dou, S.X., Hong Gao, Yong Zhu, Xing Wu, Changxi Yang, Peixian Ye Mechanism transformation with wavelength of self-pumped phase conjugation in $BaTiO_3$:Ce 56860
Yingwu Lian *see* Jiasen Zhang 83267
Yingxu Wanq *see* Wanq Yingxu
Yingxue Li *see* Li Yingxue
Yingyong Qi, Ning Bi A simplified approximation of the four-parameter LF model of voice source 84144
Yingyun Lu *see* Lu Yingyun
Yingzhou Ren *see* Ren Yingzhou
Yinjun Zheng *see* Zheng Yinjun
Yinling Song *see* Chunfei Li 83250
Yinong Ding, Vaccaro, R.J. Direction-of-arrival estimation using an ESPRIT array with double invariance 95621
Yinping Zhang *see* Zhang Yinping
Yinqing Zhou *see* Zhou Yinqing
Yinwen Lin *see* Lin Yinwen
Yinxiu Cai *see* Cunningham, H.C. 65095
Yio-Wu Mo *see* Mo Yio-Wu
Yiou, T.P. *see* Barrelet, E. 67352
Yip, C.-W. *see* Hamner, V. 65224
Yip, G.L., Noutsios, P.C. An improved finite-difference vector beam propagation formulation for graded-index waveguides 50531
Yip, P.C. *see* Jingyun Li 64686
Yip, P.C. *see* Jingyun Li 96549
Yip, R.K.K., Leung, D.N.K., Harrold, S.O. Line segment patterns Hough transform for circles detection using a 2-dimensional array 95820
Yip, R.K.K., Tam, P.K.S., Leung, D.N.K. Application of elliptic Fourier descriptors to symmetry detection under parallel projection 51589
Yip, T. *see* Redfern, M.A. 59979
Yip Gar Lam *see* Gar Lam Yip
Yip Kai Yan *see* Kai Yan Yip
Yip Wai-Yeung *see* Wai-Yeung Yip
Yip-San Wong, Choi, A. A two-level model-based object recognition technique 95939
Yiping Cui *see* Cui Yiping
Yiping Guo *see* Guo Yiping
Yiping Han *see* Xiaowei Shi 57078
Yiping Tan *see* Tan Yiping
Yiping Zhong *see* Zhong Yiping
Yiqing Gao *see* Gao Yiqing
Yiqing Xie *see* Qunfei Zhang 84475
Yiqing Zhang *see* Bhandarkar, S.M. 84632
Yiquan Wu, Zhaoda Zhu New radix-3 fast algorithm for the discrete cosine transform 57465
Yiquan Wu, Zhaoda Zhu The new real-multiplier FFT-j algorithms 57466
Yiquan Wu, Zhaoda Zhu Computation of moment invariants and Hadamard transform using neural net 85075
Yiquan Wu *see* Wu Yiquan
Yiqun Zhang *see* Zhang Yiqun
Yirong Xing *see* Xing Yirong
Yishao Zhou *see* Byrnes, C.I. 57569
Yisheng Luo *see* Luo Yisheng
Yishi Liu *see* Liu Yishi
Yishu Luo *see* Luo Yishu
Yisong Dai *see* Dai Yisong
Yiting Cao *see* Cao Yiting
Yitzchaik, S. *see* Lundquist, P.M. 50928
Yiu-fai Wong Combining a nonlinear multiresolution system and vector quantization for still image compression 64685
Yiu-Man Tham, Tong Lee Four Corner Code based pre-classification scheme for Chinese character recognition 95921
Yiu-Wing Leung A signal path grouping algorithm for fast detection of short circuits on printed circuit boards 55459
Yiu-Wing Leung *see* To, P.P. 75430
Yiu-Wing Leung *see* To, P.P. 96288
Yixin Chen *see* Chen Yixin
Yixin Gu, Xhaohong Yang, Xiaoliang Xu Research of overvoltage protection to high frequency thyristor parallel resonant inverters 100368
Yixin Ni *see* Ni Yixin
Yixin Yu *see* Yu Yixin
Yixin Zhang *see* Zhang Yixin
Yixin Zhu Markovian queueing networks in a random environment 79539
Yixin Zhu Tandem queue with group arrivals and no intermediate buffer 91198
Yixing He *see* He Yixing
Yixun Yan *see* Yan Yixun
Yiyan Wu, Caron, B. Digital television terrestrial broadcasting 52701
Yiyan Wu, Caron, B. Digital transmission techniques for advanced television 97652
Yiyan Wu, Ledoux, B., Caron, B. Evaluation of channel coding, modulation and interference of digital ATV terrestrial transmission systems 58588
Yiyu Zhou *see* Zhou Yiyu
Yiyuan Ding *see* Ding Yiyuan
Yizhi Gao *see* Shouhua Huang 65751
Yizhi Gao *see* Gao Yizhi
Yizhong Wang *see* Jifan Hu 72000
Yizhong Yu *see* Yu Yizhong
Yizhou Zhang *see* Zhang Yizhou
Yizhuang Huang *see* Huang Yizhuang
Yizhuang Xu *see* Jian Zhang 94343
Ykman-Couvreur, C. *see* Lin, B. 91744
Yla-Jaaski, A., Kiryati, N. Adaptive termination of voting in the probabilistic circular Hough transform 84739
Yla-Jaaski, J. *see* Yu Xiaohan 74433
Yli-Harja, O. Formula for the joint distribution of stack filters 84486
Ylitalo, J.T., Ermert, H. Ultrasound synthetic aperture imaging: monostatic approach 59355
Ylostalo, J. *see* Huhtinen, M. 59073
Yngvesson, K.S. *see* Masarweh, S.K. 80740
Yngvesson, S.K. *see* Ekstrom, H. 80663
Yo-Song Su, Jau-Hsiung Huang Throughput analysis and optimal design of Banyan switches with bypass queues 96166
Yoav Boim, Hardy, A. Application of the variational-moment method to symmetric and non-symmetric waveguides 82642
Yoda, H., Watanabe, H., Ojima, T. Ground surface temperature distribution maps by using LANDSAT data and geographical information 77569
Yoda, H. *see* Okamoto, Y. 49937
Yoda, I., Fujii, N. Methods for constructing a management information base (MIB) in transmission network operations 58054
Yoda, I. *see* Minato, K. 96475
Yoda, S. *see* Yoshizawa, K. 99047
Yoda, Y. *see* Matsumoto, T. 71304
Yoda Jun *see* Jun Yoda
Yoder, P.D., Hess, K. First-principles Monte Carlo simulation of transport in Si 62157
Yoder, P.D. *see* Abramo, A. 81195
Yodo, T., Tamura, M., Saitoh, T. Relationship between the optical and structural properties in GaAs heteroepitaxial layers grown on Si substrates 79807
Yoe, J.G., Czechowsky, P., Ruster, R., Schmidt, G. Spatial variability of the aspect sensitivity of VHF radar echoes in the troposphere and lower stratosphere during jet stream passages 99187
Yoe, J.G. *see* Steinhagen, H. 99188
Yoffe, G.W., Van Der Vleuten, W.C., Leys, M.R., Karouta, F., Wolter, J.H. Vertical-cavity surface-emitting lasers with periodic gain and aluminium top contacts 56779
Yoganandam, Y. *see* Plotkin, E.I. 57502
Yogi, T. *see* Doerner, M.F. 50289
Yogo, Y. *see* Baba, T. 56774
Yogo, Y. *see* Baba, T. 94530
Yoguang Ma *see* Jung, P. 58333
Yoh, K., Nishida, A., Kawahara, H., Izumiya, S., Inoue, M. Electron and thermal transport in InAs single-crystal free-standing wires 62296
Yoh, K. *see* Inoue, M. 62297
Yoh, K. *see* Maemoto, T. 82365
Yoh-Han Pao *see* Hemminger, T.L. 86612
Yohda, H. *see* Mizoh, Y. 72101
Yohman, E.J., Murray, J.E., Bhanoo, M.M. The application of the static switch with dual utility feeds and in load shedding 68894
Yoichiro Yokotani, Tomohiro Tsuruta, Kojiro Okuyama, Kugimiya, K. Low-dielectric loss ceramics for microwave uses 82105
Yoji Ikezaki *see* Toshiyuki Ota 81619
Yokogawa, M. *see* Hirai, S. 81553
Yokogawa, M. *see* Kawarabayashi, S. 54814
Yokoh, Y. *see* Kinoshita, T. 73120
Yokohata, T., Hara, S., Kaneko, R., Kato, K. Calibration method for displacement characteristics of tube scanners in scanning probe microscopy using coupled-cavity laser diode sensor 52746
Yokohira, T., Takihiro, M., Inoue, N., Okamoto, T. Performance evaluation of distributed type switching networks with deflection routing 52114
Yokoi, A. *see* Kimura, T. 71312
Yokoi, C. *see* Shigematsu, K. 82753
Yokoi, H., Kakudate, Y., Usuba, S., Yoshida, M., Fujiwara, S. Research on high magnetic fields in NIMC 82509
Yokoi, K. *see* Aoki, T. 97753
Yokoi, N. *see* Nakayama, Z. 65260
Yokoi, S. *see* Kitagawa, E. 95787
Yokoi, T., Azuma, M., Ishida, H., Shimizu, I. Fabrication of stable hydrogenated amorphous silicon from SiH_2Cl_2 by ECR-hydrogen-plasma 91593
Yokoi, T. *see* Matsumoto, K. 65087
Yokoi, T. *see* Murakami, H. 85862
Yokoi, T. *see* Tanaka, K.H. 76567
Yokoi, Y. *see* Isaka, K. 99023
Yokoi, Y. *see* Masaki, T. 68303
Yokoi, Y. *see* Nogami, T. 60277

Yokokawa, N. *see* Tachibana, K. 96685
Yokokawa, S. *see* Itoh, N. 97675
Yokokawa, S. *see* Nakamura, T. 94891
Yokomizo, H. *see* Suzuki, S. 67046
Yokomizo, H. *see* Yonehara, H. 76341
Yokomizu, Y. *see* Yue-Jin Tang 68283
Yokomori, K. *see* Fujita, S. 50280
Yokomori, K. *see* Misawa, S. 63433
Yokoo, A. *see* Ikehara, S. 85430
Yokoo, H. Adaptive encoding for numerical data compression 95507
Yokoo, K., Sato, S., Koshita, G., Amano, I., Murota, J., Ono, S. Energy distribution of tunneling emission from Si-gate metal-oxide-semiconductor cathode 62058
Yokoo, K., Sato, S., Tanaka, H., Murota, J., Ono, S. Fabrication and operation of MOS tunneling cathode 62066
Yokoo, K. *see* Ishihara, T. 92889
Yokoo, K. *see* Shimozuma, T. 92891
Yokosuka, M., Marutake, M. Dielectric and piezoelectric properties of solid-solution ceramics $BaPb[(Li_{1/4}Nb_{3/4})Ti]O_3$ 93723
Yokota, H. *see* Kyushima, H. 81159
Yokota, H. *see* Kyushima, H. 98704
Yokota, K., Okamoto, Y., Miyashita, F., Hirao, T., Watanabe, M., Sekine, K., Ando, Y., Matsuda, K. Dual arsenic and boron ion implantation in silicon 62406
Yokota, K. *see* Nakajima, K. 72233
Yokota, M. *see* Ohsawa, S. 76312
Yokota, N. *see* Yamaguchi, D. 85313
Yokota, R. *see* Fujii, M. 88202
Yokota, S., Mitsuhashi, M., Toratani, T., Yamamoto, T. Control of electro-hydraulic manipulators for electric distributed power line tasks using a disturbance observer. II. Accurate trajectory control of a two-link manipulator arm 99720
Yokota, T., Katatani, N., Nakajima, T., Mukai, S., Suzuki, M., Sasano, Y. Data system of the Improved Limb Atmospheric Spectrometer (ILAS) on ADEOS for polar stratospheric ozone monitoring 77371
Yokota, T. *see* Kawano, H. 78747
Yokota, Y. *see* Kyushima, H. 92908
Yokota, Y. *see* Nagasaka, E. 88482
Yokotani, T., Shikama, T. Bandwidth allocation for connectionless service in private networks based on ATM technology 52121
Yokotani Yoichiro *see* Yoichiro Yokotani
Yokouchi, N. *see* Mori, K. 56806
Yokouchi, S. *see* Watanabe, K. 87648
Yokouchi, T. *see* Okabe, T. 91092
Yokoya, K. Resistive wall wake function for arbitrary pipe cross section 87728
Yokoya, K. Resistive wall impedance of beam pipes of general cross section 98440
Yokoya, K. *see* Tauchi, T. 98386
Yokoya, M., Katsuragi, Y., Goda, Y., Nagata, Y., Asano, Y. Development of lightning-resistant overhead ground wire 78157
Yokoya, N. *see* Fujimura, K. 84924
Yokoyama, A., Matsuzawa, K. Technical innovations of protective relaying systems toward 21st century 89375
Yokoyama, A. *see* Chun-Ling Yang 60018
Yokoyama, A. *see* Kumano, T. 53663
Yokoyama, A. *see* Okamoto, H. 89054
Yokoyama, A. *see* Shirakata, S. 63571
Yokoyama, E., Nagasawa, M., Katayama, T. A disturbance suppression control system for car-mounted and portable optical disk drives 66088
Yokoyama, H., Tanimoto, M., Shinohara, M., Inoue, N. Growth processes of GaAs grown by atomic layer epitaxy revealed by atomic force microscopy 91476
Yokoyama, H. *see* Nambu, Y. 71113
Yokoyama, H. *see* Ohnishi, H. 68221
Yokoyama, H. *see* Saito, K. 72563
Yokoyama, H. *see* Shinohara, M. 79817
Yokoyama, H. *see* Veyo, S.E. 78522
Yokoyama, J. *see* Yamada, A. 79032
Yokoyama, K., Arishima, K., Sukegawa, K. Large photorefractive effect in a thermally decomposed polymer compared with that in molecularly doped systems 72560
Yokoyama, K., Schwarzbek, S., Davidheiser, R.A., Luine, J., Schneier, N. Demonstration of a SAIL superconductive digital circuit 97218
Yokoyama, K. *see* Kado, H. 62957
Yokoyama, K. *see* Lui, W.W. 63773
Yokoyama, K. *see* Ohtsuki, H. 53605
Yokoyama, K. *see* Seki, S. 63779
Yokoyama, K. *see* Seki, S. 72842
Yokoyama, K. *see* Seki, S. 94450
Yokoyama, K. *see* Uriu, Y. 68045
Yokoyama, K. *see* Watanabe, K. 99376
Yokoyama, K. *see* Yamanaka, T. 81275
Yokoyama, M., Hidaka, T., Sasaki, K., Masu, K., Tsubouchi, K. Short-channel-effect free 0.18 μm MOSFET by temperature-dimension combination scaling theory: design and experiment 62783
Yokoyama, M., Kakui, M., Yamaguchi, Y. Image formation due to thermochemical decoloration in organopolysilane/titanylphthalocyanine-layered film patterned by UV light 94237
Yokoyama, M. *see* Baba, S. 85669
Yokoyama, M. *see* Jiin Wen Li 79784
Yokoyama, M. *see* Katsume, T. 58747
Yokoyama, M. *see* Yamazaki, T. 94544
Yokoyama, N., Mukaida, M., Uchiyama, A., Tamura, Y., Iwaki, Y. Manipulator system for constructing overhead distribution lines 78156
Yokoyama, N., Takatsu, M., Imamura, K., Ohnishi, H., Muto, S., Mori, T., Adachihara, T., Shibatomi, A. Logic circuits using resonant-tunneling hot electron transistors (RHETs) 70457
Yokoyama, N. *see* Sakuma, Y. 91540
Yokoyama, N. *see* Takatsu, M. 92124
Yokoyama, N. *see* Usuki, T. 62637
Yokoyama, N. *see* Yoshida, A. 63317
Yokoyama, R., Souma, T., Tamba, S., Konda, M. Sea surface effect on sea surface temperature detection by remote sensing 77487
Yokoyama, R. *see* Fujita, T. 69777
Yokoyama, R. *see* Ito, K. 53944
Yokoyama, R. *see* Ito, K. 54275
Yokoyama, R. *see* Kubokawa, J. 89084
Yokoyama, R. *see* Niimura, T. 53617
Yokoyama, R. *see* Tamba, S. 77486
Yokoyama, R. *see* Tanabe, R. 59884
Yokoyama, S. Lightning protection on power distribution lines against direct lightning hits 68301
Yokoyama, S., Iji, M. Recycling of printed wiring board waste 69542
Yokoyama, S., Radzimski, Z.J., Ishibashi, K., Miyazaki, S., Hirose, M. Evaluation of plasma-induced damage by medium-energy ion scattering 55810
Yokoyama, S. *see* Araki, T. 66681
Yokoyama, S. *see* Koyanagi, M. 56585
Yokoyama, S. *see* Koyanagi, M. 62830
Yokoyama, S. *see* Kryger, R.A. 76754
Yokoyama, S. *see* Morooka, Y. 53839
Yokoyama, T., Kawamura, A. Disturbance observer based fully digital controlled PWM inverter for CVCF operation 100217
Yokoyama, T. *see* Enokizono, M. 51044
Yokoyama, T. *see* Kasori, H. 58905
Yokoyama, T. *see* Kataoka, H. 76932
Yokoyama, T. *see* Kunihisa, T. 80783
Yokoyama, T. *see* Matsuda, T. 89377
Yokoyama, T. *see* Sekiguchi, H. 88418
Yokoyama, Y. *see* Nishikawa, M. 63498
Yokoyama, Y. *see* Nishikawa, M. 87362
Yokozawa, A. *see* Ando, K. 70504
Yokozawa, M. *see* Akune, H. 58565
Yokozawa, T. *see* Ebina, K. 56610
Yokozawa, T. *see* Nakajima, H. 72780
Yokozuka, T. *see* Hu, S. 69096
Yom, S.S. *see* Kim, T.W. 81301
Yomoda, K. *see* Ashida, T. 97922
Yon, C.H., Un, C.K. Fast multidelay block transform-domain adaptive filters based on a two-dimensional optimum block algorithm 55345
Yon Jung *see* Jung Yon
Yonah, Z.O., El-Serafi, A.M., Krause, A.E. Regulation of terminal voltage and output frequency of a variable-speed dual-excited synchronous generator by using a computer-based two-phase excitation system 89923
Yonce, D.J. *see* Bey, P.P., Jr. 52983
Yoneda, C. *see* Vlieks, A.E. 67011
Yoneda, E., Suto, K.-I., Kikushima, K., Yoshinaga, H. Fully engineered multi-channel FM-SCM video distribution systems 52565
Yoneda, E. *see* Kikushima, K. 65754
Yoneda, K. *see* Kawahara, H. 49911
Yoneda, K. *see* Mameno, K. 49875
Yoneda, M. *see* Fujiwara, N. 55807
Yoneda, M. *see* Maruyama, T. 55761
Yoneda, M. *see* Maruyama, T. 55808
Yoneda, T. *see* Kato, I. 91625
Yoneda, T. *see* Kato, I. 91639
Yoneda, Y. *see* Kuga, K. 63234
Yoneda, Y. *see* Kuga, K. 93881
Yoneda, Y. *see* Terauchi, H. 91503
Yonehara, G.N. *see* Duncan, W.A. 94334
Yonehara, H., Suzuki, H., Aoki, T., Yoneyama, S., Ueyama, Y., Sasaki, Y., Nagafuchi, T., Hayashi, S., Yokomizo, H. Synchrotron of SPring-8 76341
Yonehara, T., Sakaguchi, K., Sato, N. Epitaxial layer transfer by bond and etch back of porous Si 48925
Yonekura, T. A new calibration method for impedance meters 97756
Yonekura, T. High-frequency impedance analyzer 97834
Yonekura, T., Miyazaki, S., Toriwaki, J. Analysis of the data concentration function of a four-layer neural network in terms of the autoassociation and PPN models 51532
Yonekura, T., Watanabe, Y. Realization of three dimensional pointing function by a simple estimation of sound source orientation of acoustic signal 64538
Yonekura, T. *see* Tsutsumi, Y. 68236
Yonekura, T. *see* Uehara, K. 83859
Yonemori, H., Hayashi, K., Nakaoka, M. A novel space-voltage vector modulated sinewave three-phase inverter with high-frequency transformer-coupled resonant DC link 100303
Yonemori, H., Nakaoka, M. Time-sharing space-voltage vector controlled inverter with new high-frequency transformer-assisted quasi-resonant DC link 90208
Yonemori, H. *see* Nagai, S. 91880
Yonemori, H. *see* Yurugi, K. 100234
Yonemori, H. *see* Yurugi, K. 100302
Yonemoto, Y. *see* Shirota, Y. 82828
Yonenaga, I. *see* Matsumoto, F. 54816
Yonenaga, K., Norimatsu, S. Densely spaced optical FDM-homodyne detection systems using optical filters 65851
Yonenaga, K. *see* Takachio, N. 52556
Yonenaga, Y. *see* Yamada, S. 72257
Yoneoka, S. *see* Ohwe, T. 50274
Yoneta, M., Saito, H., Ohishi, M. Auto-doping of Ga in ZnSe/GaAs layers grown at low temperatures by post-heated molecular beam epitaxy 71301
Yoneyama, M., Shibata, T. Differential MSM photoconductive-switch-type sample and hold circuit for reducing signal feedthrough 80514
Yoneyama, M. *see* Matsuoka, Y. 55928
Yoneyama, M. *see* Sano, E. 63608
Yoneyama, N. *see* Matsuzawa, H. 63330
Yoneyama, S. *see* Yonehara, H. 76341
Yoneyama, T. *see* Ishizaka, C. 50201
Yoneyama, T. *see* Ohnishi, H. 68221
Yoneyama, T. *see* Ohtera, I. 94952
Yoneyama, T. *see* Suzuki, Y. 92553
Yoneyama, T. *see* Uchida, I. 92500
Yoneyama, T. *see* Xu, S. 57195
Yonezawa, M. Developers cultivate miniature designs for hybrid ICs 55487
Yonezawa, S., Takahashi, M. Thermodynamic simulation of magnetic-field-modulation methods for pulsed laser irradiation in magneto-optical disks 50279
Yonezawa, T. *see* Inoue, T. 92091
Yonezawa, T. *see* Soyama, N. 91555
Yonezawa, Y., Segawa, K., Katayama, S., Minamikawa, T., Morimoto, A., Shimizu, T. Reduction of droplet formation by reducing target etching rate in pulsed laser ablation 79921
Yonezawa, Y. *see* Ohmi, M. 94436
Yonezu, H. *see* Maruyama, H. 48932
Yonezu, H. *see* Takagi, Y. 70015
Yong, A., Markhauser, C.P. LMS iterative algorithms applied to the computation of TV ghost canceller parameters 86664
Yong, A. *see* Samudra, G. 56079
Yong, E.C.M. *see* Luo Daling 59426
Yong, K.C. *see* Parten, M.E. 75523
Yong, Y.-K., Zhang, Z. Numerical algorithms and results for SC-cut quartz plates vibrating at the third harmonic overtone of thickness shear 93738
Yong, Y.-K., Zhen Zhang Numerical algorithms and results for SC-cut quartz plates vibrating at the third harmonic overtone of thickness shear 82189
Yong, Y.-K. *see* Stewart, J.T. 56145
Yong Ang Boon *see* Boon Yong Ang
Yong Chan Kye *see* Jin Seung Son 72884
Yong Chen *see* Chen Yong
Yong Chol Li *see* Ishibashi, T. 56611
Yong Chung Gil *see* Gil Yong Chung
Yong Chung Jun *see* Jun Yong Chung
Yong Dal Shin, Bong Lak Lee, Kuhn Il Lee An adaptive block truncation coding using human visual system 74448
Yong Deak Kim *see* Kang Hyeon Rhee 70337
Yong Deak Kim *see* Seung Wook Lee 95878
Yong Deak Kim *see* Sun Jung Choi 80231
Yong Feng *see* Feng Yong
Yong Feng Yang *see* Yang Yong Feng
Yong Ge Wu *see* Lei Jian Liu 74363
Yong Geol Shim, Choong Woong Lee Minimum-distance decoding of linear block codes with soft-decision 83938
Yong Guo *see* Guo Yong
Yong Ho Lee *see* Keunseop Park 50415
Yong Ho Lee *see* Soon-Gul Lee 50414
Yong Hoon Lee *see* Byeong Jang Jeong 74396
Yong Hoon Lee *see* Jong Kwan Song 95598
Yong Hoon Lee *see* Ki Dong Lee 74192
Yong Hoon Lim, Weon Goo Kim, Il Whan Cha, Dae Hee Youn A new speech enhancement method using adaptive digital filter 73794
Yong Hoon Lim *see* Nam Sun Kim 74038
Yong Huang *see* Huang Yong
Yong Hwan Kim, Young Mo Chung, Sang Uk Lee A study on a VLSI architecture for Reed Solomon decoder based on the Berlekamp algorithm 83942
Yong Jae Lee Degradation characteristics of hot-electron-induced p-MOSFET's gate oxide thickness variations by stress 71688
Yong Jin Lee, Degertekin, F.L., Jun Pei, Khuri-Yakub, T., Saraswat, K.C. In-situ acoustic thermometry and tomography for rapid thermal processing 93096
Yong Jin Lee *see* Barna, G.G. 50057
Yong Jin Lee *see* Moslehi, M. 93626
Yong Kang, Zhang, C.J., Qin Zhang, Chen, J. Effect of the deadtime on the transient performance of PWM inverter 100380
Yong Kang *see* Chang Jiang Zhan 100375
Yong Kang Kwang *see* Kwang Yong Kang
Yong Ki Park *see* Keunseop Park 50415
Yong Ki Park *see* Soon-Gul Lee 50414
Yong Kim *see* Moo-Sung Kim 48933
Yong Kim *see* Seong-Il Kim 81438
Yong Kim Dae *see* Dae Yong Kim

Yong Kim Dong *see* Dong Yong Kim
Yong Kim Sung *see* Sung Yong Kim
Yong Ku Baek, Yong Suk Eun, Young Jin Park, Jong Choul Kim, Soo Han Choi Effect of annealing conditions on Ta_2O_5 thin films deposited by PECVD systems 79907
Yong Kwon Taeg *see* Taeg Yong Kwon
Yong Kyun Lee *see* Sang Hoon Choi 75731
Yong Lee Jai *see* Jai Yong Lee
Yong Li *see* Li Yong
Yong Lian *see* Lim, Y.C. 92376
Yong Lim Kia *see* Lim Kia Yong
Yong Low Chien *see* Chien Yong Low
Yong Mei *see* Mei Yong
Yong Min *see* Min Yong
Yong Moo Kwon *see* Kun Chang Oh 70335
Yong Park Soon *see* Soon Yong Park
Yong Ren *see* Ren Yong
Yong Rin, Benchao Sie, Lui Yongtan An advanced digital signal processor for the HRR polarimetric MMW active guidance radar 59638
Yong Ro Kim, Hong Sik Keum, Heung gyoon Ryu Error rate performance variation by the reception phase error in a frequency-selective Rayleigh fading channel environment 97092
Yong Seo Koo, Chul An A study on the characteristics of PSA bipolar transistor with thin base width of 1100 Å 71609
Yong Son, Sang-Chul Lee, Ryee, J.C. The expansion and liberalization of mobile telecommunications in Korea 86213
Yong Suk Eun *see* Yong Ku Baek 79907
Yong Suk Park *see* Jeong Hyun Kim 55944
Yong Sun, Nishitani, R., Miyasato, T. Study of sputtering mechanism of silicon with hydrogen plasma controlled by magnetic field 49897
Yong Sung Gun *see* Gun Yong Sung
Yong Sung Il *see* Sung Il Yong
Yong Tae Kim, Chang Woo Lee Interface and electrical properties of plasma deposited tungsten and tungsten nitride Schottky contacts to GaAs 71197
Yong Wan Koo An implementation of global scheduler for efficient distributed resource management 96708
Yong Wang *see* Wang Yong
Yong Wenguo *see* Wenguo Yong
Yong Xiao Chen *see* Chen Yong Xiao
Yong Youn Hee *see* Hee Yong Youn
Yong Zhang *see* Yusheng Rao 53171
Yong Zhang *see* Yusheng Rao 53236
Yong Zheng *see* Zheng Yong
Yong Zhou *see* Zhou Yong
Yong Zhu, Changxi Yang, Mengjun Hui, Xiaojuan Niu, Jinfeng Zhang, Tang Zhou, Xing Wu Phase conjugation of $BaTiO_3$:Ce by backward stimulated photorefractive scattering 50959
Yong Zhu *see* Changxi Yang 63989
Yong Zhu *see* Samaratunga, R.C. 67470
Yong Zhu *see* Yingwu Lian 56860
Yong Zhu *see* Zhiguo Zhang 94642
Yong-Cheng Liou, Wen-Tseng Chiang, Ye-Quang Chen, Chi-Fu Chou, Hwa-Shyong Jin, Tim Tsai, Y. Automatic exposure system by fuzzy control for digital still camera 76086
Yong-Chul Chae, Crosbie, E.A. Tracking studies of insertion device effects on dynamic aperture in the APS storage ring 66925
Yong-Feng Lu, Aoyagi, Y. Laser-induced dry cleaning in air—a new surface cleaning technology in lieu of carbon fluorochloride (CFC) solvents 55750
Yong-Feng Lu, Takai, H., Shiokawa, T., Aoyagi, Y. Excimer-laser removal of SiO_2 patterns from GaAs substrates 49899
Yong-gang Xiao *see* Xiao Yong-gang
Yong-Gyu Park, Chang Sohn, Byung-Uk Lee A high speed bit stream generator for HDTV 86727
Yong-Gyu Park, Hyun-Kyo Jung, Song-Yop Hahn An adaptive boundary element method for 3-D eddy current computation using local error estimation 83510
Yong-Hee Lee *see* Jae Heon Shin 76227
Yong-Ho Oh, Byung-Sun Park, Hai Bin Chung, Sang-Soo Choi, Seong-Hak Choi, Hyung Joun Yoo, Sin-Chong Park Zone by zone optimization of the dummy diffraction mask with auxiliary phase gratings 71456
Yong-Jian Zheng Self-organization grouping for feature extraction and image segmentation 95898
Yong-Jin Kim *see* Sun-Kyu Song 70140
Yong-Jin Kwon, Yajima, S. Minimum single transition-time assignments for asynchronous sequential circuits using BDD 55184
Yong-Jin Lee, Tai-Yun Kim An algorithm for the capacitated minimum spanning tree in local area network 85632
Yong-Jin Park *see* Jae-Hong Yim 85285
Yong-Lin Hu, Wee, W.G. A hierarchical system for economic dispatch with environmental constraints 77963
Yong-Long Zhao *see* Zhao Yong-Long
Yong-Mei Zhang *see* Xiang-Liu Jiang 55920
Yong-Ming Li A general linear-regression analysis applied to the 3-parameter Weibull distribution 69642
Yong-Myung Cho, Sung-Won Kwon Development of the 0.1 m°C temperature controller for standard cell enclosure 78783
Yong-Seo Koo *see* Byoung Ju Lee 71683
Yong-Seon Park, Seong-Rae Lee The effects of the total multilayer thickness and underlayer on the magnetic and magneto-optical properties of evaporated Pd/Co multilayer films 71941
Yong-Soo Cho *see* Kyeong-Sup Kim 63169
Yong-Su Seo, Kuhn-Il Lee Category classification of multispectral image data using spatial information in the small image region 77264
Yong-Sun Park *see* Chong-Ah Park 86635
Yong-Wook Choi *see* Choi Yong-Wook
Yong-Zhong Xiong *see* Wen Junding 55376
Yongacoglu, A. *see* D'Amours, C. 75190
Yongacoglu, A. *see* D'Amours, C. 86063
Yongacoglu, A. *see* Ghareeb, I. 83915
Yongacoglu, A. *see* Ghareeb, I. 86037
Yongacoglu, A. *see* Jun Wang 51296
Yongacoglu, A. *see* Jun Wang 86058
Yongacoglu, A. *see* Trabelsi, C. 75181
Yongacoglu, A. *see* Trabelsi, C. 75332
Yongacoglu, A. *see* Trabelsi, C. 86061
Yongbin Chen *see* Cuntai Guan 95321
Yongbin Chen *see* Cuntai Guan 95357
Yongbin Chen *see* Chen Yongbin
Yongchang Gu *see* Gu Yongchang
Yongchang Jiao *see* Liyang Zhang 94905
Yongchang Jiao *see* Jiao Yongchang
Yongchang Zhao *see* Zhao Yongchang
Yongchang Zhu *see* Kawasaki, T. 82713
Yongchao Shen *see* Shen Yongchao
Yongdong Li *see* Jun Hu 100846
Yongdong Li *see* Li Yongdong
Yongfang Tan *see* Jinquan Deng 82883
Yongfang Zhang, Bridges, W.B. Transverse mode control and switching in gas laser arrays 63646
Yongfeng Ruan *see* Ruan Yongfeng
Yongfeng Yang *see* Yang Yongfeng
Yonggang Du *see* Domingo, J. 57940
Yonggang Fang *see* Xiaolin Wu 95859
Yonggang Wu *see* Wu Yonggang
Yonggao Yang *see* Yang Yonggao
Yongguang Chen *see* Chen Yongguang
Yonggui Li *see* Li Yonggui
Yonghai Gu, Le-Ngoc, T. An adaptive combined DFE/RSSE structure for unknown channel with severe ISI 74137
Yonghong Huang, Moreira, A. Airborne SAR processing using the chirp scaling and a time domain subaperture algorithm 77623
Yonghong Huang *see* Moreira, A. 88863
Yonghong Huang *see* Huang Yonghong
Yonghua Yin *see* Yin Yonghua
Yongji Wang *see* Wang Yongji
Yongjian Luo *see* Luo Yongjian
Yongjian Wu *see* Wu Yongjian
Yongjiie Sun *see* Shuming Chen 80975
Yongjin Jeong *see* Bongjin Jung 82046
Yongjin Park *see* Jeongbae Lee 65028
Yongkang Guo *see* Longqing He 56998
Yongku Xue *see* Xue Yongku
Yongkui Man *see* Man Yongkui
Yonglai Fu *see* Fu Yonglai
Yongli, Z., Hogg, B.W., Zhang, W.Q., Gao, S., Yang, Y.H. Hybrid expert system for aiding dispatchers on bulk power systems restoration 78014
Yongli Zhu *see* Zhu Yongli
Yonglian Liu *see* Liu Yonglian
Yongling Zjang *see* Zjang Yongling
Yongman Lee, Seong-Ik Jang, Keewook Chung, Dongyun Lee, Wonchan Kim, Choong-Woong Lee A fuzzy-control processor for automatic focusing 66062
Yongman Lee *see* Seong-Ik Jang 66063
Yongmin Kim *see* Woobin Lee 75714
Yongmin Yang *see* Yang Yongmin
Yongming Cai *see* Fangqing Zhang 48996
Yongming Wan *see* Wan Yongming
Yongping Dai *see* Dai Yongping
Yongping Guo *see* Fangqing Zhang 70155
Yongping Xia *see* Jednacz, T.C. 68321
Yongqi Chen *see* Chen Yongqi
Yongqian Liu, Gao, F., Whitaker, J.F., Uher, C., Platt, C.E. Study of optical response of high-T_c YBaCuO and BaKBiO thin films by terahertz spectroscopy 66357
Yongqian Xiong *see* Xiong Yongqian
Yongqiang Shi *see* Wenshen Wang 72451
Yongqiang Wang *see* Wang Yongqiang
Yongqin Shui *see* Shui Yongqin
Yongqing Ding *see* Ding Yongqing
Yongqing Liu *see* Liu Yongqing
Yongqing Wang *see* Wang Yongqing
Yongqing Zhang, Hagan, M.T. A reduced parameter bilinear time series model 69704
Yongshen Liu *see* Tsukahara, Y. 77729
Yongsheng Liu *see* Kim, Y. 82220
Yongsheng Liu *see* Kim, Y. 93842
Yongsheng Zhou *see* Zhou Yongsheng
Yongsheng Zhu *see* Zhu Yongsheng
Yongsoo Kim, Olander, D.R. Reaction of β-SiC with thermal atomic hydrogen by modulated molecular beam mass spectrometry 71340
Yongtae Ko *see* Jae Soo Yoo 63757
Yongtai Zhu *see* Zhu Yongtai
Yongtan Liu *see* Xingbin Gao 59445
Yongtan Liu *see* Xingbin Gao 75633
Yongtan Liu *see* Xingbin Gao 86558
Yongtan Lui *see* Lui Yongtan
Yongtian Hou *see* Hou Yongtian
Yongtian Wei *see* Wei Yongtian
Yongtie Yan, Youichi Shimizu, Norio Miura, Noboru Yamazoe High-performance solid-electrolyte SO_x sensor using MgO-stabilized zirconia tube and Li_2SO_4-$CaSO_4$-SiO_2 auxiliary phase 98145
Yongxi Qian, Iwata, S., Yamashita, E. Optimal design of an offset-fed, twin-slot antenna element for millimeter-wave imaging arrays 83862
Yongxi Qian, Iwata, S., Yamashita, E. Characterization of the perturbation effect of a probe head using the FD-TD method 98279
Yongxin Cui *see* Cui Yongxin
Yongyi Yang, Galatsanos, N.P., Stark, H. Projection-based blind deconvolution 84734
Yongyi Yang, Stark, H. Solutions of several color matching problems using convex projection theory 95938
Yongyi Yang, Stark, H., Galatsanos, N.P. Blind deconvolution using a mixed projection-gradient approach 95637
Yongyuan Song *see* Xuefeng Yue 56870
Yongzhang Huang *see* Huang Yongzhang
Yonhong Jhung, Swain, P.H. Robust supervised classification algorithm for multivariate contaminated data based on modified M-estimates 77689
Yonnet, J.-P. *see* Delamare, J. 83527
Yoo, B.-S., Park, H.-H., Lee, E.-H. Low threshold current density InGaAs surface-emitting lasers with periodic gain active structure 63848
Yoo, C.D. *see* Hardwick, J. 84048
Yoo, H.M. *see* Kim, G.H. 54840
Yoo, H.R. *see* Won, J.S. 77258
Yoo, I.K., Desu, S.B. Leakage current mechanism and accelerated unified test of lead zirconate titanate thin film capacitors 56161
Yoo, I.K. *see* Khan, A.R. 54950
Yoo, I.K. *see* Vijay, D.P. 56129
Yoo, J., Fong, K.L., Adams, G.B., III, Coyle, E.J. Stack filters: theory and applications 95965
Yoo, K.-H. *see* Kim, T.W. 81301
Yoo, K.-S. *see* Kwon, O.-K. 64543
Yoo, K.D., Lim, G.H., Jin, J.H., Choi, K.H. Assessment of electro-static discharge robustness based on the monitoring of lattice temperature of silicon 62927
Yoo, K.H. *see* Choi, J.B. 55611
Yoo, S.J.B. *see* Piprek, J. 56800
Yoo, S.J.B. *see* Uomi, K. 50824
Yoo, S.S., Rodricks, B., Sivananthan, S., Faurie, J.P., Montano, P.A. Ultrafast MBE CdTe photoconductor array for synchrotron radiation 98011
Yoo, W.S. *see* Chien, F.R. 79803
Yoo Hyung Joun *see* Hyung Joun Yoo
Yoo Hyung Won *see* Hyung Won Yoo
Yoo Jae Soo *see* Jae Soo Yoo
Yoo Ji Beom *see* Ji Beom Yoo
Yoo Ji-Beom *see* Ji-Beom Yoo
Yoo Jinn-Chou *see* Jinn-Chou Yoo
Yoo Kee Young *see* Kee Young Yoo
Yoo Sang Hwang *see* Jae Pyung Mah 71860
Yoo Seong Ryong *see* Seong Ryong Yoo
Yoo Seung-Moon *see* Seung-Moon Yoo
Yoo Sung Shik *see* Sung Shik Yoo
Yoo Won Jong *see* Won Jong Yoo
Yoo Young Min *see* Young Min Yoo
Yood, D.W. *see* Won, C.Y. 54018
Yook Cho *see* Ki-Young Song 70849
Yook Jong-Gwan *see* Jong-Gwan Yook
Yoon, D. *see* Labadie, J.W. 91021
Yoon, D.M., Han, J.H. Connected component labeling-based geometric features and a classification algorithm for surface defect inspection 64575
Yoon, D.Y. *see* Hwang, N.M. 79966
Yoon, E., Wise, K.D. A wideband monolithic RMS-DC converter using micromachined diaphragm structures 80087
Yoon, G.W., Joshi, A.B., Kwong, D.L., Mathews, V.K., Thakur, R.P.S., Fazan, P.C. Effects of surface pretreatment of polysilicon electrode prior to Si_3N_4 deposition on the electrical characteristics of Si_3N_4 dielectric films 49833
Yoon, G.W., Kim, J., Han, L.K., Yan, J., Kwong, D.L. Ultrathin (<30 Å) storage capacitor dielectrics prepared by in-situ multiprocessing and low pressure rapid thermal N_2O reoxidation 71836
Yoon, G.W., Kim, J.H., Sreenath, U., Kwong, D.L. Overview of recent developments in RT-CVD technology for ULSI material processing and device fabrication 61342
Yoon, G.W., Lo, G.Q., Kim, J., Han, L.K., Kwong, D.L. Formation of high quality storage capacitor dielectrics by in-situ rapid thermal reoxidation of Si_3N_4 films in N_2O ambient 80318
Yoon, G.W. *see* Bhat, M. 49885
Yoon, G.W. *see* Bhat, M. 93167
Yoon, G.W. *see* Han, L.K. 80319
Yoon, G.W. *see* Snnikrishnan, U. 48989
Yoon, H., Chen, Y.C., Davis, L., Sun, H.C., Zhang, K., Singh, J., Bhattacharya, P.K. Reliability of strained quantum well lasers 63842

Yoon, H., Sun, H.C., Bhattacharya, P.K. Dynamic linewidth of tunneling injection laser 94443
Yoon, H. *see* Davis, L. 63827
Yoon, H.N. *see* Cabrera, I. 50939
Yoon, H.N. *see* Yankelevich, D.R. 50581
Yoon, J.R. *see* Koo, Y.M. 76665
Yoon, J.Y., Han, D.H., Noh, J.Y., Kwon, K.W., Park, Y.W., Chung, U.I., Lee, W.S., Choi, C.S., Hwang, C.G. A new capacitor on metal (COM) cell for beyond 256 Mbit DRAM 70485
Yoon, M., Choi, J., Lee, T. Collective effects of the PLS 2 GeV storage ring 87910
Yoon, S. *see* Garboushian, V. 100737
Yoon, S.F. *see* Han, Z.Y. 71099
Yoon, S.F. *see* Han, Z.Y. 81303
Yoon, S.F. *see* Radhakrishnan, K. 91491
Yoon, S.F. *see* Zhang, D.H. 91490
Yoon, S.H., Alexander, W.E., Kim, J.H. Scale-invariant shape representation based on the wavelet transform 74231
Yoon, S.Y., Hong, S.E., Ahn, J., Lee, H.S. Pilot symbol aided coherent decorrelating detector for up-link CDMA mobile radio communication 65613
Yoon, W. *see* Reu, P. 67622
Yoon, Y.J., Yicheng Lu, Lalevic, B., Zeto, R.J. Silicon vacuum microdiode with on-chip anode 62071
Yoon Byeong Ho *see* Byeong Ho Yoon
Yoon Byungsik *see* Byungsik Yoon
Yoon Choi Sang *see* Sang Yoon Choi
Yoon Chong Ho *see* Chong Ho Yoon
Yoon Chulshik *see* Chulshik Yoon
Yoon Dal Hwan *see* Dal Hwan Yoon
Yoon Deokro *see* Deokro Yoon
Yoon Eon Suk *see* Eon Suk Yoon
Yoon Hyun Shik *see* Hyun Shik Yoon
Yoon Jong Lee *see* Won Seok Oh 78867
Yoon Jung Kee *see* Jung Kee Yoon
Yoon Ki Hyun *see* Ki Hyun Yoon
Yoon Kim Hong *see* Hong Yoon Kim
Yoon Kim Tae *see* Tae Yoon Kim
Yoon Kyung Choi, Jeong Bae Park, Soo Young Lee Design of expandable 32×32 MBAM neuro-chip 70801
Yoon Kyung Choi *see* Jeong Bae Park 61860
Yoon Kyung Sik *see* Kyung Sik Yoon
Yoon Meeyoung *see* Meeyoung Yoon
Yoon Moohyun *see* Moohyun Yoon
Yoon Park Dae *see* Dae Yoon Park
Yoon Sei Seung *see* Sei Seung Yoon
Yoon Seok Nam *see* Seok Nam Yoon
Yoon Seok-Jin *see* Seok-Jin Yoon
Yoon Seung Chul *see* Seung Chul Yoon
Yoon Soo Kim *see* Jae Ho Kim 65229
Yoon Soon Fatt *see* Soon Fatt Yoon
Yoon Soon-Gil *see* Soon-Gil Yoon
Yoon Sukyoon *see* Sukyoon Yoon
Yoon Tae Hoon *see* Tae Hoon Yoon
Yoon Tae-Young *see* Tae-Young Yoon
Yoon Tai Hyun *see* Tai Hyun Yoon
Yoon Tak-Hyun *see* Tak-Hyun Yoon
Yoon Uei Joong *see* Uei Joong Yoon
Yoon Won Hyo *see* Won Hyo Yoon
Yoon-Bae Kim *see* Hee-Tae Kim 71983
Yoon-Ha Jeong, Ki-Hawn Choi, Seong-Kue Jo Sulfide treated GaAs MISFET's with gate insulator of photo-CVD grown P_3N_5 film 71622
Yoon-Kyoo Jhee *see* Sang-Shin Lee 63492
Yoonkee Kim, Hunt, W.D., Hickernell, F.S., Higgins, R.J. Surface acoustic wave properties of ZnO films on {001}-cut (001)propagating GaAs substrates 63119
Yordanov, B., Doughty, K., Yordanov, R. Low-cost spectrum analyzer for EMC tests 97846
Yordanov, R. *see* Yordanov, B. 97846
Yorgensen, R.S. *see* Agro, S. 90450
Yorgov, V., Ruseva, R. Two extremal codes of length 42 and 44 64290
Yorino, N., Funahashi, A., Sasaki, H., Kubokawa, J. A study on the condition of reverse control action of tap changer in a single OLTC power system 68036
Yorino, N., Sasaki, H., Kubokawa, J. On voltage instability caused by static bifurcation at OLTC node 59693
Yorino, N. *see* Kubokawa, J. 89084
Yorino, N. *see* Sasaki, H. 69242
Yorita, A. *see* Otsuka, K. 65663
York, G. *see* Hu, A.J. 96214
York, R. *see* Li, M. 66789
York, R. *see* Macek, R.J. 87829
York, R. *see* Wu, X. 66917
York, R. *see* Wu, X. 66957
York, R.A., Ram, R.J. Quasi-optical frequency conversion arrays 61890
York, R.A. *see* Huan-Shang Tsai 83866
York, R.A. *see* Liao, P. 92569
York, R.A. *see* Liao, P. 95018
York, R.A. *see* Lynch, J.J. 80658
York, R.A. *see* Ram, R.J. 51259
York, R.A. *see* Tsai, H.S. 51269
York, R.A. *see* Tsai, H.S. 87490
York, R.L., Tupa, D., Swenson, D.R., Damjanovich, R. Volume H^- ion source development at LAMPF 76729
York, T. *see* Tyrrell, G.C. 91585
York-Yih Sun *see* Jia-You Lee 90147
York-Yih Sun *see* Wen-Inne Tsai 90207
York-Yih Sun *see* Yu-Ming Chang 90158
Yorkston, J. *see* Antonuk, L.E. 59363
Yorkston, J. *see* Antonuk, L.E. 88367
Yorkston, J. *see* Antonuk, L.E. 88432
Yorkston, J. *see* Antonuk, L.E. 98846
Yorkston, J. *see* Morton, E.J. 88066
Yorkston, J. *see* Morton, E.J. 98676
Yorozu, T. *see* Honma, S. 50374
Yorozu, T. *see* Hu, X. 50608
Yorroja, Y. *see* Riesgo, T. 91772
Yoshi, K. *see* Suzaki, Y. 81248
Yoshida, A., Kitagawa, M., Tojo, F., Egashira, N., Nakagawa, K., Izumi, T., Hirao, T. Hydrogen, fluorine ion implantation effects on polycrystalline silicon grain boundaries 93132
Yoshida, A., Reif, J.H. Optical computing techniques for image/video compression 64881
Yoshida, A., Tamura, H., Takauchi, H., Hato, T., Yokoyama, N. Increasing the current density of dielectric-base transistors with an MgO emitter-base barrier 63317
Yoshida, A. *see* Eimori, T. 92192
Yoshida, A. *see* Hattori, A. 79883
Yoshida, A. *see* Mizuno, Y. 82285
Yoshida, A. *see* Ogawa, H. 70052
Yoshida, A. *see* Qi-Xin Guo 61272
Yoshida, A. *see* Reif, J.H. 50702
Yoshida, A. *see* Yamaguchi, T. 61355
Yoshida, C. *see* Itoh, K. 58258
Yoshida, E., Kimura, Y., Nakazawa, M. Femtosecond erbium-doped fiber laser with nonlinear polarization rotation and its soliton compression 94407
Yoshida, E. *see* Greer, E.J. 94411
Yoshida, E. *see* Nakazawa, M. 83016
Yoshida, E. *see* Nakazawa, M. 97250
Yoshida, E. *see* Ono, M. 98854
Yoshida, G. *see* Natsuhara, K. 94958
Yoshida, H., Ninomiya, H. Fe vapor laser in visible region 72685
Yoshida, H., Sakamoto, Y., Klein, U., Endo, T. Improvements in the millimeter-wave subsystem for Josephson junction array voltage standard systems 52745
Yoshida, H. *see* Fukui, A. 96748
Yoshida, H. *see* Ikeda, H. 100344
Yoshida, H. *see* Kawashima, K. 52792
Yoshida, H. *see* Kondo, K. 83123
Yoshida, H. *see* Matsuda, T. 93074
Yoshida, H. *see* Murata, K. 52204
Yoshida, H. *see* Murayama, Y. 86834
Yoshida, H. *see* Nakamura, K. 92228
Yoshida, H. *see* Nakamura, K. 92237
Yoshida, H. *see* Rabou, N.A. 96824
Yoshida, H. *see* Shinohara, S. 95945
Yoshida, H. *see* Suzuki, T. 100242
Yoshida, H. *see* Toyoshima, M. 87608
Yoshida, H. *see* Toyoshima, M. 98379
Yoshida, H. *see* Tsukuda, N. 97436
Yoshida, H. *see* Wu, Y. 97267
Yoshida, H. *see* Yana, K. 95599
Yoshida, H. *see* Yoshida, Y. 66295
Yoshida, H. *see* Yuying Wu 97277
Yoshida, I. Development of microwave heating equipment for drying tea leaves 79007
Yoshida, I. *see* Hashimoto, J. 72801
Yoshida, J., Yamada, Y., Terui, H. Packaging and reliability of photonic components for subscriber network systems 97363
Yoshida, J. *see* Ando, T. 93999
Yoshida, J. *see* Kato, K. 72604
Yoshida, J. *see* Sugiura, H. 52693
Yoshida, K., Nomura, A., Kanda, Y. $LiNbO_3$ optical modulator using a superconducting resonant electrode 94190
Yoshida, K., Takahashi, A. Relationship between metallic phase duration and transition boundary from metallic to gaseous phase in Ag break arc 61988
Yoshida, K. *see* Aoi, H. 50301
Yoshida, K. *see* Arai, S. 76316
Yoshida, K. *see* Fujii, T. 100593
Yoshida, K. *see* Gotoh, Y. 53249
Yoshida, K. *see* Hanamura, M. 54127
Yoshida, K. *see* Hashimoto, Y. 58916
Yoshida, K. *see* Hashimoto, Y. 66619
Yoshida, K. *see* Isono, T. 82466
Yoshida, K. *see* Koyama, N. 72113
Yoshida, K. *see* Kuwaki, N. 50504
Yoshida, K. *see* Lee, J. 83583
Yoshida, K. *see* Matsuda, T. 89377
Yoshida, K. *see* Matsumoto, K. 82847
Yoshida, K. *see* Nakajima, H. 72261
Yoshida, K. *see* Niki, K. 76428
Yoshida, K. *see* Nishi, M. 93992
Yoshida, K. *see* Ono, M. 77221
Yoshida, K. *see* Takahashi, K. 61616
Yoshida, K. *see* Watanabe, K. 94036
Yoshida, K. *see* Watanabe, T. 64328
Yoshida, K. *see* Yamane, K. 64069
Yoshida, M. An overview of next-generation operations systems 65171
Yoshida, M. A realization of content-addressable and mask-programmable ROM array 70546
Yoshida, M., Endo, A., Hara, N. Fabrication of two tesla magnet using Bi-2212 Ag-sheathed tapes 56283
Yoshida, M., Hiramoto, T., Fujiwara, T., Hashimoto, T., Muraya, T., Murata, S., Watanabe, K., Tamba, N., Ikeda, T. A bipolar-based 0.5 μm BiCMOS technology on bonded SOI for high-speed LSIs 93680
Yoshida, M., Ikeda, C., Suzuki, H. An evaluation of burst-level bandwidth reservation methods in WAN environments 96713
Yoshida, M., Sakai, M., Fukuda, K., Yamanaka, N., Koyanagi, T., Matsuzaki, M. Edge eliminated head 50344
Yoshida, M., Seki, K., Tomiyama, Y., Ochiai, T., Terashita, H. EF211A ISDN protocol analyzer 96927
Yoshida, M., Yamakawa, S., Suzuki, S. Low-noise inverter drives for elevators 78918
Yoshida, M. *see* Fujii, A. 94280
Yoshida, M. *see* Hiramoto, T. 61716
Yoshida, M. *see* Kohga, K. 66044
Yoshida, M. *see* Maekawa, T. 61756
Yoshida, M. *see* Matsumura, M. 52781
Yoshida, M. *see* Matsushita, M. 51955
Yoshida, M. *see* Minami, K. 55784
Yoshida, M. *see* Miyagishi, O. 65173
Yoshida, M. *see* Morishima, C. 94278
Yoshida, M. *see* Nikaido, H. 74937
Yoshida, M. *see* Nishio, M. 86777
Yoshida, M. *see* Noguchi, M. 68222
Yoshida, M. *see* Ohmori, Y. 94279
Yoshida, M. *see* Sakaki, Y. 50378
Yoshida, M. *see* Tamba, N. 92241
Yoshida, M. *see* Watanabe, M. 71534
Yoshida, M. *see* Yokoi, H. 82509
Yoshida, N. CO_2 laser machining of three-dimensional workpieces 100967
Yoshida, N., Kitano, T., Yamamoto, Y., Katoh, K., Minami, H., Takano, H., Sonoda, T., Takamiya, S., Mitsui, S. A super low noise V-band AlInAs/InGaAs HEMT processed by selective wet gate recess etching 92525
Yoshida, N., Totsuka, M., Ino, J., Matsumoto, S. Surface passivation of $In_{0.52}Al_{0.48}As$ using $(NH_4)_2S_x$ and $P_2S_5/(NH_4)_2S$ 55743
Yoshida, N., Yamamoto, Y., Katoh, K., Minami, H., Kitano, T., Takano, H., Sonoda, T., Takamiya, S., Mitsui, S. Low noise AlInAs/InGaAs HEMT using WSi ohmic contact 61900
Yoshida, N., Yamamoto, Y., Takano, H., Sonoda, T., Takamiya, S., Mitsui, S. Alloyed and non-alloyed ohmic contacts for AlInAs/InGaAs high electron mobility transistors 71732
Yoshida, N. *see* Barnes, T.H. 56328
Yoshida, N. *see* Chichibu, S. 48999
Yoshida, N. *see* Kamiyama, E. 89634
Yoshida, N. *see* Kashiwa, T. 80774
Yoshida, N. *see* Kobayashi, Y. 56446
Yoshida, N. *see* Mukohzaka, N. 56454
Yoshida, N. *see* Tachibana, A. 91577
Yoshida, N. *see* Takai, Y. 49421
Yoshida, N. *see* Takai, Y. 70550
Yoshida, O. *see* Shioyama, Y. 52946
Yoshida, S., Fukai, T., Kusaka, T., Hirano, Y., Uematsu, A., Nagata, M., Terao, T., Tokunaga, M., Iwamoto, M., Shibata, Y., Akahori, N., Nakano, M. Low-end plain-paper business facsimile NEFAX520 58094
Yoshida, S., Matsui, T., Okuyama, K., Kubota, K. AC hot-carrier degradation in the super-100 MHz operation range 71817
Yoshida, S., Tada, Y., Kotaka, I., Wakita, K. InGaAlAs/InAlAs multiquantum well electroabsorption phase modulator module 94185
Yoshida, S., Tada, Y., Nosu, K. High resolution optical spectrum analysis by coherent detection with multi-electrode DBR-LD's as local oscillators 97835
Yoshida, S. *see* Hirabayashi, Y. 66339
Yoshida, S. *see* Murata, H. 65704
Yoshida, S. *see* Murata, H. 97091
Yoshida, S. *see* Nakamura, J.-I. 97739
Yoshida, S. *see* Nakano, Y. 57896
Yoshida, S. *see* Sasaki, M. 49904
Yoshida, S. *see* Sasaki, M. 69960
Yoshida, S. *see* Tanaka, S. 49489
Yoshida, S. *see* Toda, K. 66370
Yoshida, S. *see* Tsuchiya, H. 54864
Yoshida, S. *see* Zaima, E. 53826
Yoshida, T. The rewritable MiniDisc system 94046
Yoshida, T., Omatu, S. Neural network approach to land cover mapping 88870
Yoshida, T., Shimizu, T., Kobayashi, K., Hosaka, M. Development of molten carbonate fuel cell (MCFC) power generation technology 68507
Yoshida, T. *see* Fuda, Y. 50164
Yoshida, T. *see* Furuyama, T. 92208
Yoshida, T. *see* Harao, A. 85960
Yoshida, T. *see* Ichikawa, Y. 100609
Yoshida, T. *see* Ichiki, T. 79945
Yoshida, T. *see* Inaba, H. 64068
Yoshida, T. *see* Kamano, T. 89930
Yoshida, T. *see* Kano, A. 86358
Yoshida, T. *see* Kazami, K. 59263
Yoshida, T. *see* Kobayashi, M. 70018
Yoshida, T. *see* Kyuwa, S. 53634
Yoshida, T. *see* Kyuwa, S. 77944
Yoshida, T. *see* Matsuo, M. 92259
Yoshida, T. *see* Matsuse, K. 68602
Yoshida, T. *see* Matsuse, K. 68633
Yoshida, T. *see* Matsuse, K. 68634
Yoshida, T. *see* Nagashima, S. 49016
Yoshida, T. *see* Okude, Y. 59915

Yoshida, T. *see* Omatu, S. 77607
Yoshida, T. *see* Sakai, H. 80870
Yoshida, T. *see* Sato, K. 97889
Yoshida, T. *see* Suzuki, S. 79026
Yoshida, T. *see* Takagi, H. 56030
Yoshida, T. *see* Takahashi, M. 80386
Yoshida, T. *see* Takahata, K. 82416
Yoshida, T. *see* Tsubota, T. 56739
Yoshida, T. *see* Yosomiya, M. 79022
Yoshida, Y. A convolution property for sinusoidal unitary transforms 64883
Yoshida, Y., Iwama, K., Niwa, H. Overview of ATM switching systems 96928
Yoshida, Y., Kubota, S., Koezuka, H., Fujioka, H. Electron spectroscopy for chemical analysis on surface germylation process 71323
Yoshida, Y., Miyake, T., Sakai, K., Kurata, Y. Optical pickup using blazed holographic optical element for video disc players 83343
Yoshida, Y., Mizoe, K., Matsuda, A., Kuroiwa, S. Fieldbus interface control IC 96684
Yoshida, Y., Mohri, K., Yamasaki, J., Uchiyama, T., Yoshida, H. Quick-response and sensitive magnetic field sensor using a 200 MHz resonant field effect transistor multivibrator with amorphous wire magnetoinductive elements 66295
Yoshida, Y., Ogawa, K., Shirouzu, Y., Sato, A. Operator training simulator for refuse incineration plant 89653
Yoshida, Y., Tayaoka, A., Takaoka, E. Precise current sensor by means of small-angle magnetization rotation using amorphous wire and its industrial application 52796
Yoshida, Y., Uchiyama, T., Mohri, K., Ohga, S. Quick response field sensor using 200 MHz amorphous MI element FET multivibrator resonance oscillator 52795
Yoshida, Y., Uesaka, M., Miya, K. Magnetic field and force analysis of high T_c superconductor with flux flow and creep 82331
Yoshida, Y., Yasuda, M., Jun-ichi Nakagami, Kurano, M. A potential of fuzzy relations with a linear structure: The unbounded case 79625
Yoshida, Y. *see* Baba, I. 60969
Yoshida, Y. *see* Baba, I. 60969
Yoshida, Y. *see* Baba, I. 60969
Yoshida, Y. *see* Fujita, K. 64709
Yoshida, Y. *see* Fujita, K. 64721
Yoshida, Y. *see* Hamaguchi, J. 85585
Yoshida, Y. *see* Ikeda, S. 92194
Yoshida, Y. *see* Kono, K. 87555
Yoshida, Y. *see* Koyanagi, M. 93401
Yoshida, Y. *see* Ogata, A. 87880
Yoshida, Y. *see* Taga, H. 52554
Yoshida, Y. *see* Taga, H. 75463
Yoshida, Y. *see* Taga, H. 86447
Yoshida, Y. *see* Taga, H. 86448
Yoshida, Y. *see* Taga, H. 97254
Yoshida, Y. *see* Yamada, T. 78557
Yoshida, Z. *see* Inoue, N. 87770
Yoshigi, H. *see* Suzuki, N. 97644
Yoshihara, A. Construction of a Vernier tandem (3+3)-pass Brillouin spectrometer and its application to surface acoustic wave study in metallic multilayer films 71910
Yoshihara, H. *see* Ozawa, A. 49881
Yoshihara, K. *see* Kubecek, V. 50776
Yoshihara, T. *see* Asakura, M. 92222
Yoshihara, T. *see* Asakura, M. 92235
Yoshihara, T. *see* Kobayashi, S. 49425
Yoshihara, T. *see* Kobayashi, S. 70561
Yoshihara, T. *see* Mihara, M. 92227
Yoshihara, T. *see* Miyawaki, Y. 70526
Yoshihara, T. *see* Suma, K. 92221
Yoshihara, T. *see* Suma, K. 92238
Yoshihawa, T. *see* Kudo, A. 68909
Yoshihiro, K. *see* Fukushima, A. 86888
Yoshihiro, K. *see* Karouni, M.A. 86916
Yoshihiro, K. *see* Kinoshita, J. 86928
Yoshihiro, K. *see* Nagashima, N. 86839
Yoshihisa, N. *see* Tanisawa, S. 88895
Yoshii, A. *see* Abramo, A. 81195
Yoshii, A. *see* Conti, P. 49946
Yoshii, A. *see* Sano, N. 62140
Yoshii, A. *see* Taniyama, H. 49948
Yoshii, A. *see* Taniyama, H. 62687
Yoshii, A. *see* Tazawa, S. 62490
Yoshii, A. *see* Tomizawa, M. 62630
Yoshii, I. *see* Harada, K. 62750
Yoshii, I. *see* Takagi, M.T. 62837
Yoshii, I. *see* Takagi, M.T. 92072
Yoshii, I. *see* Yasuda, H. 62338
Yoshii, K., Kaji, H., Nishino, A. The property of infrared radiation of infrared lamp with catalyst coating deodorizing action 100930
Yoshiike, S. *see* Iwasaki, S. 96929
Yoshikado, S., Asai, K., Tsukakoshi, M., Minoh, A., Ishizu, M., Takami, H., Aruga, T. Development of fundamental techniques for high-resolution infrared spatial interferometry 59588
Yoshikai, N. B-ISDN 96794
Yoshikai, N., Tsong-Ho Wu Message control channel protocol and performance analysis for distributed ATM virtual path self-healing network 85248
Yoshikai, N., Tsong-Ho Wu Control protocol and its performance analysis for distributed ATM virtual path self-healing network 85309
Yoshikai, N. *see* Fujii, H. 96396
Yoshikai, N. *see* Yasuda, Y. 52024
Yoshikawa, A. *see* Kobayashi, M. 70018
Yoshikawa, A. *see* Nagai, H. 83002
Yoshikawa, A. *see* Takayama, T. 72911
Yoshikawa, A. *see* Takayama, T. 83041
Yoshikawa, H. *see* Suzuki, S. 67046
Yoshikawa, K., Kimura, T., Noshiro, H., Otani, S., Yamada, M., Furumura, Y. RuO_2 thin films as bottom electrodes for high dielectric constant materials 71834
Yoshikawa, K., Tashiro, H., Yamada, S., Ozono, S., Nomura, T., Kamiya, K. Development of a laser positioning system with capability of real time feedback to numerically controlled machine 87506
Yoshikawa, K., Yamada, S., Miyamoto, J., Suzuki, T., Oshikiri, M., Obi, E., Hiura, Y., Yamada, K., Ohshima, Y., Atsumi, S. Comparison of current flash EEPROM erasing methods: stability and how to control 61725
Yoshikawa, K. *see* Atsumi, S. 49426
Yoshikawa, K. *see* Iwamura, E. 91635
Yoshikawa, K. *see* Mori, S. 70518
Yoshikawa, K. *see* Okada, M. 87941
Yoshikawa, K. *see* Sakagami, E. 61697
Yoshikawa, K. *see* Umezawa, A. 70562
Yoshikawa, K. *see* Yamada, S. 92187
Yoshikawa, K. *see* Yamaguchi, Y. 70498
Yoshikawa, M., Kameda, K. Single-mode separation for mode-division multiplexing by holographic filter 97359
Yoshikawa, M. *see* Hirata, A. 79939
Yoshikawa, M. *see* Kamikado, T. 82447
Yoshikawa, M. *see* Kuramitsu, Y. 79337
Yoshikawa, M. *see* Terada, S. 50982
Yoshikawa, N. *see* Chen, X. 63300
Yoshikawa, N. *see* Makioka, S. 80782
Yoshikawa, N. *see* Miyatsuji, K. 92627
Yoshikawa, N. *see* Ogata, S. 89269
Yoshikawa, N. *see* Tateoka, K. 92524
Yoshikawa, S., Imasaka, T. Tunable dye laser with variable pulse width for investigation of nonlinear optical effect 94582
Yoshikawa, S., Selvaraj, U., Brooks, K.G., Kurtz, S.K. Piezoelectric PZT tubes and fibers for passive vibrational damping 56115
Yoshikawa, S., Yamaguchi, K., Takenaka, T., Fujino, S., Mitsuzuka, T., Hayashi, K., Suzuki, K., Enomoto, Y. X-band mixing performance of $Y_1Ba_2Cu_3O_{7-x}$ step-edge junction 93966
Yoshikawa, S. *see* Fuda, Y. 50164
Yoshikawa, S. *see* Newnham, R.E. 99340
Yoshikawa, S. *see* Noge, S. 100160
Yoshikawa, S. *see* Suzuki, K. 83878
Yoshikawa, S. *see* Suzuki, K. 93932
Yoshikawa, S. *see* Yamaguchi, I. 93959
Yoshikawa, T., Furuhashi, T., Uchikawa, Y. A study on application of genetic algorithm to automatic placement of parts on printed circuit boards 70998
Yoshikawa, T., Kohmoto, S., Sugimoto, Y., Asakawa, K. Cl_2-ECR plasma etching of III/V semiconductor and its application to photonic devices 72922
Yoshikawa, T. *see* Kosaka, H. 50826
Yoshikawa, T. *see* Kurihara, K. 56579
Yoshikawa, T. *see* Nambu, Y. 71113
Yoshikawa, T. *see* Yasui, T. 67273
Yoshikawa, T. *see* Yasui, T. 87942
Yoshikawa, Y. *see* Kimura, I. 65482
Yoshikazu Takahashi *see* Xian-Shan Wang 93690
Yoshiki, H., Alexandruk, V., Hashimoto, K., Fujishima, A. Electroless copper plating using ZnO thin film coated on a glass substrate 54932
Yoshiki, M. *see* Kanai, H. 82103
Yoshikuni, U. *see* Lui, W.W. 63773
Yoshikuni, Y. *see* Hirono, T. 83196
Yoshikuni, Y. *see* Ishii, H. 72797
Yoshikuni, Y. *see* Ishii, H. 72800
Yoshikuni, Y. *see* Kano, F. 63782
Yoshikuni, Y. *see* Mawatari, H. 72875
Yoshikuni, Y. *see* Sakai, Y. 75167
Yoshikuni, Y. *see* Seki, S. 63779
Yoshikuni, Y. *see* Tohmori, Y. 72840
Yoshikuni, Y. *see* Yamanaka, T. 81275
Yoshimaru, M., Inoue, N., Itoh, M., Kurogi, H., Tamura, H., Hirasita, N., Ichikawa, F., Ino, M. High quality ultra thin Si_3N_4 film selectively deposited on poly-Si electrode by LPCVD with in situ HF vapor cleaning 61395
Yoshimaru, M., Inoue, N., Tamura, H., Ino, M. Effects of deposition temperature on the oxidation resistance and electrical characteristics of silicon nitride 92177
Yoshimaru, M. *see* Ida, J. 71807
Yoshimaru, M. *see* Ino, M. 54971
Yoshimaru, M. *see* Shimokawa, K. 50029
Yoshimasa Oh-Hashi *see* Kirimoto, T. 73707
Yoshimasu, T., Tanba, N., Hara, S. High-efficiency HBT MMIC linear power amplifier for L-band personal communications systems 49666
Yoshimasu, T., Tanba, N., Hara, S. An HBT MMIC linear power amplifier for 1.9 GHz personal communications 80784
Yoshimasu, T. *see* Sakuno, K. 80785
Yoshimatsu, S. *see* Miyazaki, T. 88402
Yoshimi, K. *see* Henmi, H. 60973
Yoshimi, K. *see* Minami, K. 55784
Yoshimi, M. *see* Horiuchi, T. 68998
Yoshimi, M. *see* Ma, Y. 70516
Yoshimi, M. *see* Mizuno, T. 62835
Yoshimi, M. *see* Nagasawa, T. 89354
Yoshimi, S. *see* Wada, N. 56566
Yoshimi, T. *see* Ueshiba, T. 51658
Yoshimine, T., Katoh, H., Igari, T., Kavalerov, V.G., Inoue, M., Fujii, T. Reconstruction of three-dimensional images of surface acoustic waves by means of computer-controlled laser probe 77757
Yoshimori, H. *see* Omura, M. 93769
Yoshimori, H. *see* Scott, J.F. 61938
Yoshimori, K., Itoh, K., Ichioka, Y. Statistically corrected ocean thermography 99295
Yoshimori, M. *see* Sasaki, Y. 65637
Yoshimori, S., Kawamura, M. Effects of space charge and multiple scattering on the gain of an X-ray free electron laser using stimulated transmission radiation 94549
Yoshimoto, H. *see* Kuga, K. 63234
Yoshimoto, H. *see* Kuga, K. 93881
Yoshimoto, H. *see* Numazawa, J. 50256
Yoshimoto, H. *see* Sato, Y. 90288
Yoshimoto, K. *see* Funaki, K. 91136
Yoshimoto, K. *see* Sasaki, T. 81570
Yoshimoto, K. *see* Yamazaki, T. 90671
Yoshimoto, M., Hashimoto, T., Vaccaro, P., Matsunami, H. In-situ RHEED observation on surface reactions in laser-triggered chemical beam epitaxy of GaP 69964
Yoshimoto, M. *see* Fujii, T. 70124
Yoshimoto, M. *see* Fujii, T. 100593
Yoshimoto, M. *see* Kurosawa, S. 66509
Yoshimura, H. Multimedia communications 51928
Yoshimura, H., Matsuoka, F., Kakumu, M. New CMOS shallow junction well FET structure (CMOS-SJET) for low power-supply voltage 63011
Yoshimura, H., Takai, N., Asakura, T. Far-field analysis of fluctuating supermodes radiated from phase-locked array lasers 63765
Yoshimura, H. *see* Katsumata, I. 53264
Yoshimura, H. *see* Matsumoto, T. 72250
Yoshimura, H. *see* Yabe, T. 70566
Yoshimura, I., Yoshimura, M. Off-line verification of Japanese signatures after elimination of background patterns 84931
Yoshimura, K. *see* Lee, W.-J. 67981
Yoshimura, M. *see* Hama, H. 93702
Yoshimura, M. *see* Kim, J.B. 96820
Yoshimura, M. *see* Nagaoka, M. 92572
Yoshimura, M. *see* Uesugi, K. 69939
Yoshimura, M. *see* Yoshimura, I. 84931
Yoshimura, N., Tanaka, K., Yamamoto, S., Wakana, H. Antenna tracking control equipment in feeder-link earth station 88722
Yoshimura, N. *see* Arakaki, Y. 86266
Yoshimura, N. *see* Nishida, M. 77260
Yoshimura, N. *see* Suzuki, M. 78992
Yoshimura, N. *see* Tanaka, K. 86264
Yoshimura, N. *see* Watanabe, S. 92925
Yoshimura, N. *see* Yanagiwara, M. 63088
Yoshimura, O., Horikoshi, Y., Shinjo, K., Sakuma, H., Kamisaki, T., Honma, M., Furuki, K., Yamanari, S. ASIC design system OpenCAD Ver. 3.0 61620
Yoshimura, S. *see* Fukliyama, M. 55444
Yoshimura, S. *see* Yagawa, G. 54794
Yoshimura, T., Asai, N., Shiraishi, H., Okazaki, S. Nanofabrication with Langmuir-Blodgett films of a chemical amplification resist SAL601 71537
Yoshimura, T., Kawamoto, K. A study on the speed control of an auto-cruise system using the fuzzy set theory 90617
Yoshimura, T. *see* Kikuchi, M. 82140
Yoshimura, T. *see* Matsuoka, H. 62843
Yoshimura, T. *see* Scheckler, E.W. 71541
Yoshimura, T. *see* Wada, Y. 55573
Yoshimura, T. *see* Yamashita, F. 82291
Yoshimura, Y. *see* Ichige, M. 62130
Yoshinaga, H. Photoelectric sensors enhance factory automation, emphasize ease of use 76005
Yoshinaga, H. *see* Kikushima, K. 65754
Yoshinaga, H. *see* Yoneda, E. 52565
Yoshinaga, K. *see* Oshima, Y. 96931
Yoshinaga, K. *see* Oshima, Y. 97328
Yoshinaka, H. *see* Murakami, A. 59080
Yoshinaka, H. *see* Murakami, A. 67296
Yoshinari, J., Takai, M., Kobayashi, K., Kobuke, T. Magnetic structure analysis of multilayered oblique-evaporated tape 72093
Yoshine, T. *see* Nakata, T. 78473
Yoshino, A., Kumagai, K., Kurosawa, S., Itoh, H., Okumura, K. Design methodology for low power, high-speed CMOS devices utilizing SOI technology 93646
Yoshino, A. *see* Tanida, M. 92654
Yoshino, A. *see* Tanigawa, T. 70512
Yoshino, C. *see* Matsuda, S. 50054
Yoshino, C. *see* Matsuda, S. 70423
Yoshino, H., Ohfuji, T., Aizaki, N. Process window analysis of the ARC and TAR systems for quarter micron optical lithography 81633
Yoshino, H. *see* Matsumoto, S. 55990
Yoshino, J. *see* Honda, T. 83048
Yoshino, J. *see* Kano, N. 70048
Yoshino, J. *see* Yamamoto, M. 54872
Yoshino, J. *see* Yamamoto, M. 56758
Yoshino, J. *see* Yanashima, K. 70019

Yoshino, K. Novel electrical and optical properties of liquid conducting polymers and oligomers 61433
Yoshino, K., Ishikura, T., Yamaji, E., Tabuchi, T. Estimation of landcover proportion in an IFOV of a mixel using a precise edge locator 67892
Yoshino, K. *see* Fujii, A. 94280
Yoshino, K. *see* Horiguchi, M. 63748
Yoshino, K. *see* Kawashima, T. 74605
Yoshino, K. *see* Kushida, K. 67910
Yoshino, K. *see* Mino, S. 94306
Yoshino, K. *see* Morishima, C. 94278
Yoshino, K. *see* Ohmori, Y. 56015
Yoshino, K. *see* Ohmori, Y. 72575
Yoshino, K. *see* Ohmori, Y. 94279
Yoshino, K. *see* Onoda, M. 72620
Yoshino, K. *see* Shakuda, S. 90348
Yoshino, K. *see* Uchiyama, Y. 72463
Yoshino, K. *see* Yamamoto, H. 55445
Yoshino, M. *see* Hashizume, T. 81369
Yoshino, M. *see* Wenas, W.W. 100545
Yoshino, T. Trend of the television digital broadcasting 58544
Yoshino, T., Kiuchi, H., Imae, M., Hama, S., Kohnlein, W. Development of VLBI time transfer system toward 0.1 nsec accuracy using transportable ground terminal for calibration 97766
Yoshino, T., Takahashi, F., Imamura, K., Kunimori, H., Koyama, Y., Kawai, E. The first comparative experiment of VLBI and two-way time transfer with better than 1 nsec precision 97752
Yoshino, T., Takahashi, Y., Tamura, H., Ohde, N. Some special fibers for distributed sensing of UV light, electric field or strain 52906
Yoshino, T. *see* Engelkemier, B. 86921
Yoshino, T. *see* Kawasugi, K. 65460
Yoshino, T. *see* Kunimori, H. 98319
Yoshino, T. *see* Saitoh, Y. 88124
Yoshino, T. *see* Saitoh, Y. 98580
Yoshino, Y. *see* Sakurai, A. 71919
Yoshino, Y. *see* Tanaka, K. 62908
Yoshinobu, T. *see* Kato, Y. 50730
Yoshinobu, T. *see* Nakao, M. 52949
Yoshinobu, T. *see* Nakao, M. 98121
Yoshinouchi, A., Oda, A., Itoh, M., Morita, T., Tsuchimoto, S. Polycrystalline-silicon TFTs fabricated at low temperature using ion doping technique 71631
Yoshinouchi, A., Oda, A., Murata, Y., Morita, T., Tsuchimoto, S. Formation of sources/drains using self-activation technique on polysilicon thin film transistors 93511
Yoshio, M. *see* Miyashita, T. 54145
Yoshioka, H. *see* Satoh, J. 61683
Yoshioka, K., Endoh, K., Kobayashi, M., Suzuki, A., Saitoh, T. Design and properties of a refractive static concentrator module 100566
Yoshioka, K. *see* Fallot-Burghardt, W. 88244
Yoshioka, K. *see* Ohno, N. 52474
Yoshioka, K. *see* Ronnqvist, C. 88024
Yoshioka, K. *see* Suzuki, S. 55526
Yoshioka, N., Miyazaki, J., Kusunose, H., Hosono, K., Nakajima, M., Morimoto, H., Watakabe, Y., Tsukamoto, K. Practical attenuated phase-shifting mask with a single-layer absorptive shifter of MoSiO and MoSiON for ULSI fabrication 93547
Yoshioka, N. *see* Komaru, M. 55836
Yoshioka, N. *see* Nakajima, M. 71464
Yoshioka, R.T. *see* Shirakashi, J.-I. 54906
Yoshioka, S. *see* Mugikura, Y. 90375
Yoshioka, T. *see* Chang, J.S. 68419
Yoshioka, Y. *see* Sasaki, M. 49704
Yoshisato, Y. *see* Niki, K. 66250
Yoshisato, Y. *see* Usuki, T. 82368
Yoshisue, K. *see* Ogawa, I. 62094
Yoshitake, R., Tamura, T. A study of required luminance for TFT/LCD 98225
Yoshitake, T., Tsuge, H., Inui, T., Suzuki, S. Fabrication of low-loss microstrip band-pass filter made from double-sided $YBa_2Cu_3O_x$ films 80575
Yoshitake, T. *see* Inui, T. 55368
Yoshitake, T. *see* Miura, S. 80619
Yoshitake, T. *see* Ohoka, T. 56084
Yoshitomi, K., Sharobim, H.R. Radiation from a rectangular waveguide with a lossy flange 94984
Yoshitomi, K. *see* Lee, J.H. 94910
Yoshitomi, S., Tomioka, S., Haneji, N. Characteristics of Si-MOS diodes using liquid phase-deposited SiO_2 films as gate insulators 71216
Yoshitomi, T., Saito, M., Oguma, H., Akasaka, Y., Ono, M., Nii, H., Ushiku, Y., Iwai, H., Hara, H. Ultra-shallow buried-channel p-MOSFET with extremely high transconductance 71679
Yoshitomi, T. *see* Ohguro, T. 93405
Yoshitomi, T. *see* Ono, M. 71674
Yoshitomi, T. *see* Ono, M. 93394
Yoshitomi, T. *see* Saito, M. 62850
Yoshiya, K., Kato, S. An efficient calculation technique for distance between two images coded with run-length code 74247
Yoshiya, K. *see* Kato, S. 57639
Yoshiyama, R. *see* Masai, J. 63244
Yoshizaki, M. *see* Nikaido, H. 74937
Yoshizawa, A., Iwasaki, T. Image reconstruction in optical frequency-domain reflectometry by means of maximum entropy method—Fourier transform combination 57638
Yoshizawa, A. *see* Kawakubo, I. 94052
Yoshizawa, J., Ogi, H., Takano, T., Matsumoto, K. An automatic knowledge acquisition method for switching sequences and it's evaluation 77954
Yoshizawa, J. *see* Kitagawa, A. 53159
Yoshizawa, J. *see* Kumada, M. 68748
Yoshizawa, J. *see* Murakami, T. 76296
Yoshizawa, K., Tsukishima, C., Yoda, S., Yamawaki, T. Containerless image furnace for the space station 99047
Yoshizawa, M. *see* Arai, S. 76316
Yoshizawa, M. *see* Nakajima, T. 50435
Yoshizawa, M. *see* Terashima, T. 58700
Yoshizawa, M. *see* Tomizawa, M. 66850
Yoshizawa, M. *see* Tomizawa, M. 76317
Yoshizawa, S. *see* Minami, Y. 52427
Yoshizawa, T. *see* Hakamata, Y. 86450
Yoshizawa, T. *see* Otani, Y. 58800
Yoshizawa, T. *see* Otani, Y. 87507
Yoshizawa, T. *see* Ruowei Gu 87536
Yoshizawa, Y. *see* Suzuki, S. 55526
Yosida, T. *see* Kyuwa, S. 68096
Yosomiya, M., Yamashita, K., Matsuoka, F., Enomoto, T., Shibata, Y., Yoshida, T. Highly efficient coordinated distributed control for multi-type package air conditioners 79022
Yotsumoto, K. *see* Koizumi, Y. 90675
Yotsuyanagi, M. *see* Hasegawa, H. 70703
Yotsuyanagi, T. *see* Hoshino, H. 99129
Yotumoto, K. *see* Saitoh, Y. 59022
You, B., Zhang, L., Yao, X. Optical properties of $LiNbO_3$ with ion implantation and titanium thermal diffusion 56289
You, B. *see* Li, Y. 58990
You, B.J. *see* Han, D. 84597
You, D.W. *see* Feng, Y.C. 53227
You, S.D., Ford, G.E. Preprocessing network for separating multiple binary image objects 57629
You, S.D., Ford, G.E. Network model for invariant object recognition 84596
You, Y.L., Kaveh, M. Regularization and image restoration using differential equations 85007
You, Z.P. *see* Li, L.Q. 100606
You Dahai, Shen Zongshu, Wan Yongming, Bao Xiaohui An AGC real-time algorithm for hydropower station and its application 68484
You He Performance of some generalised modified order statistics CFAR detectors with automatic censoring technique in multiple target situations 86532
You Li *see* Li You
You Qiang *see* Haberland, H. 91636
You Young gap *see* Young gap You
You Yuan-Chiuan *see* Yuan-Chiuan You
You Zhao-Yong *see* Zhang Jiang-She 69853
You Zhisheng *see* Jiang Wen 95901
You-Bo Tsai *see* Yu-De Lin 94908
You-Lin Wu, Jenn-Gwo Hwu Improvement in radiation hardness of gate oxides in metal-oxide semiconductor devices by repeated rapid thermal oxidations in N_2O 62463
You-Lin Wu, Jenn-Gwo Hwu Effect of starting oxide preparation on electrical properties of reoxidized nitrided and N_2O-annealed gate oxides 93089
You-Lin Wu, Jing-Jenn Lin, Jenn-Gwo Hwu Eliminating the surface inversion layer under the field oxide by low pressure rapid thermal annealing 81550
You-Lin Wu, Kang-Min Kuo, Jenn-Gwo Hwu Reduction of radiation-induced degradation in n-channel metal-oxide-semiconductor field-effect transistors (MOSFET's) with gate oxides prepared by repeated rapid thermal N_2O annealing 71681
You-Wen Yau, Long, D.C., Grant, W.T., Sandhu, N.S., Fulton, J.J. Overview of via formation technologies for ceramic packaging manufacturing 91012
You-Wen Yau, Sarfaraz, M.A., Sandhu, N.S. Novel manufacturing technology for microelectronic packaging fabrication 91013
You-Ze Cho, Leon-Garcia, A. Performance of burst-level bandwidth reservation in ATM LANs 65283
Youan Ke *see* Weidong Wang 84481
Youan Ke *see* Ke Youan
Youbin Liu *see* Liu Youbin
Youd, N. *see* McGlashan, S. 51423
Youdelman, K. *see* Javkin, H. 77078
Youdelman, K. *see* Javkin, H. 98989
Youdou Zheng *see* Shulin Gu 61363
Youdou Zheng *see* Zheng Youdou
Youfang Xu *see* Xu Youfang
Youheng Liu *see* Liu Youheng
Youichi Shimizu *see* Yongtie Yan 98145
Youjie Ma, Shousun Chen, Baolin Zhang A study on nonlinear SVC control for improving power system stability 99513
Youl Choi Joon *see* Joon Youl Choi
Youl Jung Ho *see* Ho Youl Jung
Youli Bao *see* Jihong Zhang 85188
Youli Li *see* Phillips, W. 58843
Youli Min, Zhongcheng Li Fault-tolerant protocols of termination detection for distributed system 85304
Youman Deng *see* Deng Youman
Youmei Dong *see* Dong Youmei
Youmei Lu *see* Lu Youmei
Youmin Zhang *see* Zhang Youmin
Youming Chen *see* Chen Youming
Youming Li *see* Li Youming
Youn, C.-H. *see* Kudoh, J. 74956
Youn, D.H. *see* Park, Y.C. 86575
Youn, H.Y. *see* Oh, C.G. 92021
Youn, H.Y. *see* Vashi, M. 49460
Youn, J.H. *see* Chun, H.S. 60434
Youn, L.T. *see* Jen-Shiun Chen 58453
Youn, M.J. *see* Cho, K.Y. 100098
Youn Chan Jung, Chong Kwan Un Performance analysis of packet switches with input and output buffers 85243
Youn Chang Joo *see* Chang Joo Youn
Youn Choi Boo *see* Boo Youn Choi
Youn Chul *see* Chul Youn
Youn Dae Hee *see* Dae Hee Youn
Youn Hee Yong *see* Hee Yong Youn
Youn Myung Joong *see* Myung Joong Youn
Youn Myung-Joong *see* Myung-Joong Youn
Youn Sik Park *see* Jae-Kab Lee 57451
Youn Won Sik *see* Won Sik Youn
Youn-Jung Lee, Gray, J.L. Numerical modeling of polycrystalline CdTe and CIS solar cells 100659
Youn-Long Lin *see* Kuo-Hua Wang 92035
Youn-Long Lin *see* Tsung-Yi Wu 49079
Youn-Sun Seo *see* Young-Mog Ham 82085
Younan, K. *see* Banerjee, A. 100523
Younan, N.H., Cox, B.L., Taylor, C.D., Prather, W.D. An exponentially tapered transmission line antenna 57231
Young, A., Rees, D.E., Vergamini, A. Automated testing of a high-power RF microwave tube 67369
Young, A., Shafer, B.E. Electrical characteristics of the SSC Low Energy Booster magnet system [power system] 68747
Young, A. *see* Park, J. 76942
Young, A. *see* Park, J. 88357
Young, A.J., Hansen, C.H. Control of flexural vibration in a beam using a piezoceramic actuator and an angle stiffener 82193
Young, A.M. *see* Sobek, D. 59380
Young, A.P., Fernandez, J.M., Jianhui Chen, Wieder, H.H. Double quantum well charge transport in pseudomorphic $Al_{0.3}Ga_{0.7}As/In_{0.15}Ga_{0.85}As/GaAs$ modulation doped heterostructures 55634
Young, A.P., Jianhui Chen, Wieder, H.H. Consequences of the silicon donor distribution tail in δ-doped, pseudomorphic $Al_xGa_{1-x}As/In_{1-y}Ga_{1-y}As$ modulation-doped heterostructures 81330
Young, A.P. *see* Chen, J. 93025
Young, A.T., Bertsche, K.J., Clark, D.J., Halbach, K., Kunkel, W.B., Leung, K.N., Li, C.Y., Rawlins, A., Schlueter, R.D., Stuart, M.E., Wells, R.P., Yu, J.X. Development of a compact permanent magnet cyclotron for accelerator mass spectrometry 76304
Young, A.T., Chen, P., Leung, K.N., Pan, L., Ponce, D., Stutzin, G.C. Laser and spectroscopic diagnostics of H^- ion source plasmas 53272
Young, A.T. *see* Conde, M.E. 71027
Young, B.D. *see* I-Hsing Tan 87184
Young, C. *see* Hrinko, W. 66600
Young, D., Christou, A. Failure mechanism models for electromigration 71437
Young, D. *see* Enge, P. 52658
Young, D.B., Gullickson-Morfitt, M., Southworth, J.H. The HI-NEST model: An international computer network for support of program implementation 96611
Young, D.B. *see* Coldren, L.A. 63907
Young, D.B. *see* Hu, S.Y. 94452
Young, D.B. *see* Hu, S.Y. 94467
Young, D.B. *see* Hu, S.Y. 94501
Young, D.B. *see* Peters, F.H. 94506
Young, D.B. *see* Scott, J.W. 72826
Young, D.I., Jr. *see* Cook, R.H. 78376
Young, D.J. *see* Hu, L. 60574
Young, D.J. *see* Lihua Hu 100912
Young, D.J. *see* Whitlock, I. 68133
Young, E.A. Guiding technology development and transition into products responsive to end-user needs 59664
Young, E.T., Scutero, M., Rieke, G.H., Haller, E.E., Beeman, J.W. High performance Ge:Ga arrays for the far infrared 58779
Young, E.T. *see* Barber, H.B. 59302
Young, E.T. *see* Barber, H.B. 98851
Young, E.T. *see* Scutero, M.J. 58780
Young, G. *see* Solnet, R. 60797
Young, G.E. *see* Beringer, D.B. 99072
Young, G.R. *see* Kampert, K.-H. 98503
Young, I., Sakurai, T. Future high performance microprocessor implementation tradeoffs 70621
Young, I.T. *see* Mullikin, J.C. 76070
Young, J. *see* Dharmadasa, I.M. 71196
Young, J. *see* Kim, D. 64583
Young, J. *see* Rajeswaran, S. 59291
Young, J.F., Gong, T., Kelly, P.J., Fauchet, P.M. Carrier-carrier scattering within athermal distributions 62182
Young, J.F. *see* Clement, T.S. 94324
Young, J.J. Jitter considerations in high bit rate digital video signals 58575

Young, J.L. TEM coupling between orthogonal crossing wires: a closed-form approximation 64172
Young, J.L., Brueckner, F.P. A time domain numerical model of a warm plasma 64158
Young, J.M. *see* Hagerty, S.P. 74361
Young, J.S. *see* Breakall, J.K. 73523
Young, J.W., Casey, M.E., Newport, D.F. Optimum bandwidth usage in digital coincidence detection for PET 98841
Young, J.W. *see* Newport, D.F. 71810
Young, K. *see* Brown, D. 59084
Young, K. *see* Keh-Jeng Chang 71431
Young, K.G., Bauer, M.L., Cohn, H., Efremenko, Y., Gordeev, A., Kamyshkov, Y., Onopienko, D., Savin, S., Shmakov, K., Tarkovsky, E., Carey, R., Rothman, M., Sulak, L., Worstell, W., Paar, H. Effects of radiation on scintillating fiber performance 76765
Young, L.E. *see* Lichten, S.M. 75671
Young, L.M. Segmented resonantly coupled radio-frequency quadrupole (RFQ) 76526
Young, L.M. *see* Billen, J.H. 67064
Young, L.M. *see* Fuller, L.F. 54410
Young, L.W., Jr., Davie, J.R., Bell, K.R. The utilization of existing plant foundations for repowering and new power project 89644
Young, M., Post, J.E. Managing to communicate, communicating to manage: how leading companies communicate with employees 60812
Young, M. *see* Comer, D. 66075
Young, M. *see* Wu, X.D. 66470
Young, M.E. *see* Verdiell, J.-M. 86362
Young, M.G. InP-based components for wavelength division multiplexing 86470
Young, M.G. *see* Froberg, N.M. 97318
Young, M.G. *see* Heismann, F. 50712
Young, M.G. *see* I-Hsing Tan 87184
Young, M.G. *see* Kim, I. 56764
Young, M.G. *see* Kim, I. 63466
Young, M.G. *see* Koren, U. 94197
Young, M.G. *see* Raybon, G. 75508
Young, M.G. *see* Zirngibl, M. 52598
Young, M.P. *see* Lush, G.B. 100735
Young, M.P. *see* Patkar, M.P. 90445
Young, M.S. *see* Liao, B.Y. 58996
Young, P. Matching techniques optimize high-speed laser interfaces 58390
Young, P. *see* Taub, S.R. 80568
Young, P.G., Simons, R.N., Alterovitz, S.A., Romanofsky, R.R., Smith, E.D. RF control of epitaxial lift-off PHEMT's under backside illumination 81935
Young, P.G. *see* Simons, R.N. 73566
Young, P.G. *see* Yang, D. 61903
Young, P.M. *see* Grein, C.H. 83070
Young, P.M. *see* Youngdale, E.R. 62246
Young, R. *see* Izu, M. 90421
Young, R. *see* Izu, M. 100542
Young, R. *see* Lodge, J. 73617
Young, R.J. *see* Lodge, J.H. 95218
Young, S., Chapman, J.N. An investigation of domains and walls in two NdFeB alloys by transmission electron microscopy 50186
Young, S. *see* Pasquerilla, N. 89225
Young, S. *see* Samaria, F. 84608
Young, S. *see* Ward, W. 73842
Young, S.J., Woodland, P.C., Byrne, W.J. Spontaneous speech recognition for the credit card corpus using the HTK toolkit 95254
Young, S.J. *see* Kapadia, S. 84076
Young, S.J. *see* Odell, J.J. 95352
Young, S.J. *see* Valtchev, V. 84031
Young, S.R., Ward, W. Learning new words from spontaneous speech 84098
Young, T., Holland, B. Event and test management system 65166
Young, T. *see* Da Via, C. 53348
Young, T.M., Guess, F.M. Reliability processes and corporate structures 48727
Young, T.P. CAD tools for optoelectronic subsystems 56581
Young, W. The evolution of analogue computing 61822
Young, W.C. *see* Chung-En Zah 72838
Young, W.C. *see* Zah, C.E. 97283
Young, W.F., Thomson, N.R. Time of day from Omega VLF signals 97749
Young, W.R. *see* Petrowski, M. 70597
Young, W.S., Andersen, J.J. Environmentally-conscious disk drives 79244
Young Bum Kim *see* Cha Hwan Oh 56875
Young Cheol Lim *see* Lim Young Cheol
Young Cho Hoon *see* Hoon Young Cho
Young Cho Kyung *see* Cho Kyung Young
Young Choi Tao *see* Tao Young Choi
Young Chul Lee *see* In Seob Song 76076
Young Chung-Ming *see* Chung-Ming Young
Young Doo Wang *see* Byrne, J. 99992
Young gap You *see* Byong Su Seol 92182
Young Gun Kim, Jong O Kim, Heung Soo Kim Fast synthesis based on ternary universal logic module U_h 70385
Young Guon Kim *see* Jae Do Kim 71449
Young Han Kim, Chong Kwan Un Performance analysis of statistical multiplexing for heterogeneous bursty traffic in an ATM network 51755
Young Ho Bae *see* Kwang Il Kim 81433
Young Ho Cho *see* Byeong Ro Kang 71587
Young Ho Kwon, da Vitoria Lobo, N. Age classification from facial images 84684
Young Ho Lee, Jong Wha Chong SHARE:PLA minimization based on an efficient output phase assignment 70420
Young Hun Yu, Joong Mok Park, Tong Kun Lim Pitchfork bifurcation and flip-flop operation with a coupled nonlinear system 50618
Young Hwan Lho, Painter, J.H. A fuzzy-tuned adaptive Kalman filter 74224
Young Il Kang, Hong Kyu Lee, Seung Ki Choi, Myung Jin Choi Fabrication and application of bulk type CdZnTe(Zn=20%) gamma ray detector 76783
Young Il Lee *see* Doh Hoon Kim 71536
Young Jin Jeon, Sin-Chong Park, Soung Soon Chun Effects of electron beam damage on the electrical characteristics of n-type metal-oxide-semiconductor field-effect-transistors 55953
Young Jin Park *see* Yong Ku Back 79907
Young Jong Cho, Chong Kwan Un Modeling and analysis of a tandem link connection under the burst-error condition 51733
Young Jong Cho, Chong Kwan Un Performance analysis of ARQ error controls under Markovian block error pattern 57369
Young Ju Park *see* Moo-Sung Kim 48933
Young Jun Hong *see* Jung Ok Park 55779
Young June Park *see* Kie Young Lee 81755
Young June Park *see* Woo-Hyeong Lee 93614
Young Ki Cho *see* Tae Hyung Kim 95025
Young Kim Dae *see* Dae Young Kim
Young Kug Ham, Hong Kyu Chung, In Kwon Kim, Rae-Hong Park Automated analysis of mixed documents consisting of printed Korean/alphanumeric texts and graphic images 74251
Young Kug Ham *see* Dong Kyu Sim 74394
Young Kyu Kim *see* Hyun Meen Jung 95994
Young Kyu Kwon *see* Kim, K.I. 93146
Young Kyu Kwon *see* Kwang Il Kim 49844
Young Kyu Kwon *see* Kwang Il Kim 81433
Young Lee Ki *see* Ki Young Lee
Young Lee Kie *see* Kie Young Lee
Young Lee Soo *see* Soo Young Lee
Young Limb *see* Bich-Yen Nguyen 71376
Young Man Cho *see* Gyugyi, P.J. 93103
Young Min Jhon *see* Hong Chu 82910
Young Min Yoo, Hyun Joon Cho, Soong Hwan Ro, Hyeong Ho Lee, Duck Jin Kim Design and implementation of CCF in advanced intelligent network 75111
Young Mo Chung *see* Yong Hwan Kim 83942
Young Oo Kim, In Chil Lim Test generation for combinational logic circuits using neural networks 92070
Young Park Soo *see* Soo Young Park
Young Se Kwon *see* Jeong Hwan Son 71610
Young Seak Park A block classification method for general document images 64576
Young Serk Shim *see* Jong Hoon Kim 74395
Young Serk Shim *see* Jong Hoon Kim 95876
Young Suk Oh *see* Seog Chae 75709
Young Won Tae *see* Tae Young Won
Young Yearl Han, Jung Sig Jun Analysis for time offset of PN sequence in CDMA system 75274
Young Yeom Hyo *see* Hyo Young Yeom
Young Yoo Kee *see* Kee Young Yoo
Young-Bae Choo *see* Young-Joo An 100097
Young-Bum Koh *see* Chang-Jin Sohn 71483
Young-Bum Koh *see* Ho-Young Kang 49935
Young-Bum Koh *see* Woo-Sung Han 71467
Young-Cheul Kang *see* Furuya, K. 62651
Young-Han Park *see* Hyo Young Yeom 76864
Young-Ho Cho, Pisano, A.P., Howe, R.T. Viscous damping model for laterally oscillating microstructures 66302
Young-Hoon Ko *see* Seong-Ju Kim 55839
Young-Huei Hong *see* Ching-Tsai Pan 99447
Young-Jong Cho, Chong-Kwan Un Performance analysis of reconstruction algorithms for packet voice communications 74647
Young-Joo An, Cheol-Je Joe, Young-Moon Hwang A novel C-dump inverter for reduction of negative torque due to mutual inductance of VRM 78874
Young-Joo An, Soon-Ill Hong, Cheol-Je Joe, Young-Bae Choo, Chang-Ju Noh Performance of switched reluctance motor driven by novel C-dump inverter 100097
Young-June Park *see* Jae-Gyung Ahn 81908
Young-June Park *see* Woo-Sung Choi 62638
Young-Kil Kwang *see* Dong-Seog Han 75645
Young-Mog Ham, Chul-Seung Lee, Young-Sik Kim, Dong-Jun Ahn, Soo-Han Choi, Youn-Sun Seo, Merrill, M. Process induced effects on the intra-field overlay error 82085
Young-Mog Ham, Young-Sik Kim, Ik-Boum Hur, Ki-Yeop Park, Hung-Eil Kim, Dong-Jun Ahn, Soo-Han Choi Fundamental analysis on fabrication of 256 MB DRAM using the phase shift mask technology 71477
Young-Mog Ham *see* Hung-Eil Kim 71460
Young-Mog Ham *see* Sang-Man Bae 81697
Young-Moon Hwang *see* Gwan-Sik Kong 100096
Young-Moon Hwang *see* Young-Joo An 78874
Young-Moon Park *see* Joong-Rin Shin 78029
Young-Rae Kim *see* Do-Chan Choi 70532
Young-Real Kim, Seung-Ki Sul, Min-Ho Park Speed sensorless vector control of induction motor using extended Kalman filter 89979
Young-Seek Kim, Beom-Seok Seo, Dong-Seok Hyun A novel structure of multi-level high voltage source inverter 100249
Young-Seok Kim, Beom-Seok Seo, Dong-Seok Hyun A new GTO driving technique for faster switching 80133
Young-Seok Kim, Beom-Seok Seo, Dong-Seok Hyun A new N-level high voltage inversion system 100328
Young-Sheng Chiou *see* Kai-Cheng Wei 70406
Young-Sik Kim *see* Hung-Eil Kim 71460
Young-Sik Kim *see* Young-Mog Ham 71477
Young-Sik Kim *see* Young-Mog Ham 82085
Young-Soo Kim *see* Seung Yu Rah 88274
Young-Soo Kwon *see* Hino, T. 93091
Young-Tae Lee, Heedon See, Ishida, M., Kawahito, S., Nakamura, T. High temperature pressure sensor using double SOI structures with two Al_2O_3 films 66237
Young-Tae Park *see* Sung-Won Kwon 75831
Young-Tak Lee *see* Jin-Hee Lee 72845
Young-Uk Cha, Hee-Sook Choi, Tae-Soo Jung, Seog-Soon Ahn, Eun-Young Son Interconnection of existing LANs with B-ISDN using simple router function 85848
Youngborg, L.H., Wang, J.C. Stability of primary BWR control systems with digital technology 99890
Youngchul Chung, Dagli, N. A wide angle propagation technique using an explicit finite difference scheme 51113
Youngdale, E.R., Meyer, J.R., Hoffman, C.A., Bartoli, F.J., Grein, C.H., Young, P.M., Ehrenreich, H., Miles, R.H., Chow, D.H. Auger lifetime enhancement in InAs-$Ga_{1-x}In_xSb$ superlattices 62246
Youngdale, E.R., Meyer, J.R., Hoffman, C.A., Bartoli, F.J., Miles, R.H., Chow, D.H. Recombination lifetime in InAs-$Ga_{1-x}In_xSb$ superlattices 55599
Younger, F.C., Jorge Pearce, W., Ng, B. Two new insertion devices for Aladdin 87743
Younger, M. *see* McCarthy, D.F. 76084
Youngho Lee, Lu Lu, Yuping Qiu, Glover, F. Strong formulations and cutting planes for designing digital data service networks 74752
Youngho Lim *see* Chipalkatti, R. 85941
Youngjin Kim, Geun-Rae Cho, Lee, B.W., Kyosik Lee, Jae-Bum Hong A compact and cost effective speaker dependent isolated word recognition system for consumer applications 73924
Youngjin Kim *see* Jae-Bum Hong 73904
Youngjo Go *see* Soonchil Lee 82511
Youngjoo Chung *see* Lenkszus, F.R. 76840
Youngky Kim *see* In-Kyung Kim 97168
Youngman, B. *see* Ruth, R.D. 66791
Youngman, M.J. *see* Smith, J.R.H. 99011
Youngman Cho *see* Guanghan Xu 64492
Youngsik Kim *see* Joonwoo Lee 55896
Youngtae Kim *see* Jong Cheol Shin 70791
Younguk, O. *see* Cools, K. 95102
Younguk Cha *see* Eunyoung Sohn 85876
Youngwoo Kwon, Pavlidis, D., Brock, T. Quasi-1D channel InAlAs/InGaAs HEMT's with improved f_{max} characteristics 55413
Youngwoo Kwon, Pavlidis, D., Marsh, P., Brock, T., Streit, D.C. A 100-GHz monolithic cascode InAlAs/InGaAs HEMT oscillator 55432
Youngwoo Kwon *see* Kyushik Hong 56040
Younis, F.A. *see* Quadrini, E.M. 76829
Younis, F.A. *see* Quadrini, E.M. 85621
Younkman, L.B. *see* Azad, A.M. 70173
Younky Chung *see* Chonggun Kim 96701
Youquan Jiang *see* Jiang Youquan
Yousefi, M., Chaudhuri, S.K. Design and analysis of dielectric resonator-microstrip interactive circuits 80652
Yousheng He *see* He Yousheng
Youshou Wu *see* Wu Youshou
Youshu Huang *see* Xiangxin Zhong 64326
Yousif, W.S. *see* Evans, D.J. 54763
Youssef, A.A.A. *see* Horie, Y. 80176
Youssef, E.-S., Elnoubi, S., Tolba, H. Analysis of coded FH/MFSK system with nonlinear diversity combining for combatting partial-band noise jamming 96972
Youssef, H.T. *see* Kuhn, M.J. 88401
Youssef, H.T. *see* Kuhn, M.J. 88428
Youst, D.B., Lipsett, L. Survival of the fittest [technical skills development] 90840
Youtkus, D.J. *see* Alonso, T. 75107
Youtsey, C. *see* Adesida, I. 81464
Youwu Ma *see* Ma Youwu
Youxian Sun *see* Sun Youxian
Youxiong Zhao *see* Zhao Youxiong
Youyi Wang, Hill, D.J., Middleton, R.H., Long Gao Transient stabilization of power systems with an adaptive control law 89075
Youyi Wang, Rujing Zhou, Long Gao H_∞ controller design for power system load frequency control 89117
Youyi Wang, Rujing Zhou, Wei Kai Chua, Fong, F.S.M. Discrete-time robust controller for load frequency control of power systems 99584
Youzhi Piao *see* Piao Youzhi
Youzhu Zhang *see* Peihua Dai 62151
Yovanovich, M.M. *see* Culham, J.R. 92704

Yovchev, I.G. *see* Spassovsky, I.P. 83521
Yow-Jong Liu *see* Ya-Qin Zhang 75352
Ypsilantis, J., Yee, H. Machine learning using version spaces for a power distribution network fault diagnostician 53749
Ypsilantis, T. *see* Lopes, M.I. 67338
Ypsilantis, T. *see* Seguinot, J. 67343
Ytrehus, O. *see* Hole, K.J. 73699
Ytterdal, T., Shur, M.S., Fjeldly, T.A. Sub-0.1 μm MOSFET modelling and circuit simulation 81903
Yu, A., O'Mahony, M.J. Effect of four-wave mixing on amplified multiwavelength transmission systems 56919
Yu, A., Siddiqui, A.S. Practical Sagnac interferometer based fibre optic current sensor 98018
Yu, A.M. *see* Meneley, D.A. 89534
Yu, A.W. *see* Selker, M.D. 50779
Yu, B., Smith, G.C., Radeka, V. Developments in interpolating cathode structures for high precision, gas proportional detectors 59122
Yu, B. *see* Fenker, H. 67313
Yu, B.C. *see* Tsair Kao 77020
Yu, B.W., Girshick, S.L. Atomic carbon vapor as a diamond growth precursor in thermal plasmas 49002
Yu, C. *see* Zhou, G.X. 78430
Yu, C.-C.W. *see* Sun, C.J. 55917
Yu, C.-Z. *see* Yuan, Z.-X. 84057
Yu, C.C. *see* Tat-Kwan Yu 93174
Yu, C.H. *see* Basak, J.Z. 53324
Yu, C.H. *see* Basak, A. 54056
Yu, C.H. *see* Basak, A. 68670
Yu, C.H.D. *see* Liu, C.T. 63025
Yu, C.I. *see* Chun-Han Chen 98809
Yu, C.S. *see* Bai, J.Z. 53324
Yu, D., Conway, P. A digital phase and amplitude feedforward correction system 76515
Yu, D., Wilson, P. Sheet-beam klystron RF cavities 71046
Yu, D. *see* Casasent, D. 56950
Yu, D. *see* Conway, P. 70697
Yu, D. *see* Horng-Dar Lin 91764
Yu, D.-C., Huang, S.-C. Study of reprojection methods in terms of their resolution loss and sampling errors 59321
Yu, D.-C. *see* Guerrero, T.M. 98827
Yu, D.C., Flinn, D.G., Krieger, R.A. Facilitating engineering analysis via a graphical database 88966
Yu, D.C., Jarnal, N., Wenbiao Wang, Xi-Guang Zang, Brandt, J.R. A graphical user interface for design, simulation and analysis of power plant electrical auxiliary systems 78254
Yu, D.C. *see* Lin, K.P. 98828
Yu, D.C.H., Lee, K.H., Kornblit, A., Fu, C.C., Yan, R.H., Lin, H.D. New robust n^+/p^+ dual-gate CMOS technology optimized for low power operation 82078
Yu, D.U.L. *see* Jones, R.M. 61884
Yu, E.S., Chen, C.Y.R. Traffic prediction using neural networks 85219
Yu, E.Y. *see* Gidley, D.W. 81162
Yu, F. *see* Zhou, Z.H. 91498
Yu, F.T.S. Application of photorefractive fiber holograms to interconnections, switchings, and massive memories 73151
Yu, F.T.S., Cheng, F. Multireference detection using iterative joint transform operation with composite filtering 95872
Yu, F.T.S., Feng Cheng Multi-reference detection using iterative joint transform operation with composite filtering 51719
Yu, F.T.S., Guowen Lu Short-time Fourier transform and wavelet transform with Fourier-domain processing 84240
Yu, F.T.S., Shizhuo Yin, Jianzhong Zhang, Guo, R. Application of a fiber-speckle hologram to fiber sensing 87236
Yu, F.T.S., Yin, S., Yang, Z.H. Thick volume photorefractive (PR) crystal wavelength-multiplexed reflection-type matched filter 63541
Yu, F.T.S., Zhaohui Yang, Kun Pan Polychromatic target identification with a color liquid-crystal-TV-based joint-transform correlator 50588
Yu, F.T.S. *see* Chii-Maw Uang 50445
Yu, F.T.S. *see* Chii-Maw Uang 84731
Yu, F.T.S. *see* Dazun Zhao 73077
Yu, F.T.S. *see* Hanying Zho 73133
Yu, F.T.S. *see* Hanying Zhou 73134
Yu, F.T.S. *see* Zheng Zhang 94200
Yu, G., Gish, H. Identification of speakers engaged in dialog 84052
Yu, G., Pakbaz, K., Heeger, A.J. Optocoupler made from semiconducting polymers 94293
Yu, G. *see* Lee, C.H. 72596
Yu, G.F. *see* Lin, W.X. 56734
Yu, H. *see* Dewdney, A.J. 81231
Yu, H. *see* Ding, D. 54606
Yu, I., Song, Y.W. Temperature dependence of the intrinsic mechanical Q of AT-cut quartz crystal resonators 71872
Yu, I. *see* Ryu, Y.I. 56124
Yu, J., Tarof, L.E., Baird, T., McGhan, D., Bruce, R., Knight, D.G. Temperature characterization of separate absorption, grading, charge and multiplication InP-InGaAs avalanche photodiodes 72603
Yu, J., Tarof, L.E., Bruce, R., Knight, D.G., Visvanatha, K., Baird, T. Noise performance of separate absorption, grading, charge and multiplication InP/InGaAs avalanche photodiodes 56546
Yu, J. *see* Fang, W.-C. 74506
Yu, J. *see* Tan, K.K. 69765
Yu, J. *see* Tarof, L.E. 72602
Yu, J.G. *see* Kish, F.A. 56567
Yu, J.S., Staton-Bevan, A.E., Herniman, J., Allan, D.A. The effects of Ge content on the microstructure and specific contact resistance of solid-state NiAuGe/ZrB_2/Au ohmic contacts to n-InGaAs 81364
Yu, J.X. *see* Young, A.T. 76304
Yu, K., Koren, I., Yuqing Guo Generalized multi-state monotone coherent systems 69640
Yu, K. *see* Leung, K.K. 76662
Yu, K. *see* Shu, Q.S. 87932
Yu, K.-B. Recursive super-resolution algorithm for low-elevation target angle tracking in multipath 86533
Yu, K.-M. *see* Seligson, A.L. 49006
Yu, K.H., Hu, Y.H. Optimized code generation for programmable digital signal processors 70618
Yu, K.M., Tan, S.T., Yuen, M.F. A review of automatic dimensioning and tolerancing schemes 75832
Yu, K.M. *see* Madok, J.H. 49868
Yu, K.W., Tong, P.Y. Anomalous crossover behaviors in the two-component random resistor network 49131
Yu, L. Quick evaluation of voltage surge in electrical power systems 68005
Yu, L.H., Johnson, E., Li, D., Umstadter, D. Femtosecond free-electron laser by chirped pulse amplification 63890
Yu, L.H. *see* Friedman, A. 72931
Yu, L.H. *see* Ingold, G. 63868
Yu, L.H. *see* Solomon, L. 63880
Yu, L.S. *see* Pappert, S.A. 56422
Yu, P. *see* Zhang, G. 61624
Yu, P. *see* Zhang, G. 81391
Yu, P.-K. *see* Vook, D. 61908
Yu, P.K.L., Markarian, M., Welstand, R., Jiang, X.S., Clawson, A.R., Lau, S.S. Strained-layer InAsP-InGaP MQWs grown by MOVPE 71180
Yu, P.K.L. *see* Gupta, A. 49869
Yu, P.K.L. *see* Liao, H.H. 75491
Yu, P.K.L. *see* Pappert, S.A. 56422
Yu, P.S. *see* Merchant, A. 72080
Yu, Q. The new parallel numerical approach for analysis of the larger scale 3-D electromagnetic field problems of arbitrary shape 51184
Yu, Q., Norum, L. Simulation and implementation of digital controllers for a DC drive system based on Kalman filter 90544
Yu, R. *see* Rodwell, M.J.W. 61949
Yu, R. *see* Rodwell, M.J.W. 87471
Yu, R. *see* Schlechtweg, M. 80787
Yu, R.Y. *see* Rodwell, M.J.W. 72643
Yu, S., Eylon, S., Chupp, W.W., Faltens, A., Fessenden, T., Henestroza, E., Hipple, R., Judd, B., Peters, C., Reginato, L., Rutkowski, H., Stoker, J., Vanecek, D., Barnard, J., Caporaso, C., Chen, Y.J., Deadrick, F., Friedman, A., Grote, D., Hewett, D. Heavy ion fusion injector program 67027
Yu, S., Jervis, B.W., Eckersall, K.R., Bell, I.M., Hall, A.G., Taylor, G.E. Neural network approach to fault diagnosis in CMOS opamps with gate oxide short faults 55148
Yu, S., Sorrell, Y., Keither, W.J. Temperature control strategies for RTP systems 62358
Yu, S. *see* Collins, P. 91926
Yu, S. *see* Eylon, S. 76736
Yu, S. *see* Henestroza, E. 67051
Yu, S.-W. *see* David, R. 53105
Yu, S.F., Plumb, R.G.S., Zhang, L.M., Nowell, M.C., Carroll, J.E. Large-signal dynamic behavior of distributed-feedback lasers including lateral effects 83064
Yu, S.F. *see* Wasenko, J.J. 88400
Yu, S.F. *see* Zhang, L.M. 72857
Yu, S.K.W. *see* Gregoris, D.J. 57840
Yu, S.K.W. *see* Meneley, D.A. 89534
Yu, S.S., Liu, M.T. The transition-state pair method for test sequence generation 85349
Yu, S.S. *see* Bardnard, J.J. 67052
Yu, T.-H., Wu, L.-M., Wu, T.-F. Comparisons among self-excited parallel resonant, series resonant and current-fed push-pull electronic ballasts 69197
Yu, T.-H. *see* Wu, T.-F. 100926
Yu, T.-K. *see* Fernandes, M.G. 62544
Yu, T.C.B., Mears, R.J. Design and implementation of an associative memory with smart pixels 50651
Yu, W.-H. *see* Lee, S.-L. 60178
Yu, W.M.E., Chan, C.F. Multiband excitation coding of speech at 2.0 kbps 95335
Yu, X., Hoff, L.E., Reed, L.S., Buck, D., Chen, A.M. Comparative study of feature mapping and selection for ATR: Experiments on SAR data 75567
Yu, X. *see* Lai, H.-J. 48770
Yu, X. *see* Thomas, R. 79601
Yu, X.-H. *see* Potts, R.B. 61196
Yu, X.Q. *see* Bai, J.Z. 53324
Yu, X.T., Wurtele, J.S., Whittum, D.H. Impedance formalism for an arbitrary cumulative instability 87714
Yu, Y. An IGBT module with a trench gate structure and low saturation voltage 93449
Yu, Y.J. *see* Gao, Y. 53222
Yu, Y.Y. *see* Han, M.X. 99617
Yu, Z., Breipohl, A., Lee, F.N. Line Flow Magnitude method—a proposal for calculating transmission capital cost of electric power wheeling 78044
Yu, Z. *see* Eason, D.B. 72622
Yu, Z. *see* Eason, D.B. 72634
Yu, Z. *see* Ren, J. 56569
Yu, Z. *see* Ren, J. 69943
Yu, Z. *see* Trafalis, T. 77970
Yu, Z.X. *see* Lu, Z.G. 72944
Yu, Z.Z., Peyton, A.J., Beck, M.S., Xu, L.A. Electromagnetic tomography (EMT): a new process imaging system 86998
Yu Bing-Kun *see* Bing-Kun Yu
Yu Byoung Gon *see* Byoung Gon Yu
Yu Byung Deok *see* Byung Deok Yu
Yu Cao Li *see* Li Yu Cao
Yu Chang Tzeng, Chen, K.S., Wen-Liang Kao, Fung, A.K. A dynamic learning neural network for remote sensing applications 88869
Yu Chang-Tai *see* Chang-Tai Yu
Yu Changguan, Zeng Yueming Intellectual principle and design in image guidance 77789
Yu Changzhao *see* Huang Zhenli 98346
Yu Che-Fn *see* Che-Fn Yu
Yu Chen Feng *see* Feng Yu Chen
Yu Chi-Hang *see* Chi-Hang Yu
Yu Chih-Ho *see* Chih-Ho Yu
Yu Chin Cheng, Lee, S.C. A new method for quadratic curve detection using K-RANSAC with acceleration techniques 96105
Yu Chong *see* Chong Yu
Yu Chong-Gun *see* Chong-Gun Yu
Yu Crid *see* Crid Yu
Yu De Jin *see* De Jin Yu
Yu Donggang *see* Xu Shouyi 60930
Yu Dongmei *see* Guo Qingding 100811
Yu Erkeng Power system economic load dispatching under the situation of reforming and opening in China 68068
Yu Fan *see* Fan Yu
Yu Gang *see* Gang Yu
Yu Gong, Paterakis, M. A robust random multiple-access algorithm for packet transmissions over noisy channels with error memory 96177
Yu Gong-San *see* Gong-San Yu
Yu Gui *see* Gui Yu
Yu Guokang *see* Shen Ping 68059
Yu Hainian *see* Chen Yongbin 90066
Yu Hei-Fen *see* Liu Shou-Bin 58969
Yu Hen Hu, Duen-Jeng Wang An efficient multiprocessor implementation scheme for real-time DSP algorithms 49467
Yu Hen Hu *see* Chi-Yu Mao 49061
Yu Hen Hu *see* Duen-Jeng Wang 64454
Yu Hengchun *see* Zhang Ye 85198
Yu Hsiang-Lin *see* Hsiang-Lin Yu
Yu Hsing Estimation of residential demand for electricity with the cross-sectionally correlated and time-wise autoregressive model 89170
Yu Hua *see* Hua Yu
Yu Huanyu *see* Huanyu Yu
Yu Hyun-Kyu *see* Hyun-Kyu Yu
Yu In Keun *see* In Keun Yu
Yu Jian-Hua *see* Jin Xue-Jiao 58974
Yu Jianhua *see* Cai Yimin 62335
Yu Jiaying *see* Jiaying Yu
Yu Jin, Joshi, S.G. Characteristics of ultrasonic Lamb waves in 128° rotated Y-cut lithium niobate 50170
Yu Jin-Xiang *see* Jin-Xiang Yu
Yu Jinjiang *see* Wei Liutao 53701
Yu Jinxiang, Song Zhizhong, Ren Xiaotang, Li Renxing Progress of pocket PIG ion sources with permanent magnet at Peking University 53244
Yu Jinxiang *see* Jinxiang Yu
Yu Jiunn-Hwa *see* Jiunn-Hwa Yu
Yu Jiuxiang The digital characteristic and frequency spectrum analysis of transient signal from the power system faults 53602
Yu Jiuxiang Method of obtaining fundamental frequency components with Kalman filtering technique 53753
Yu Jun *see* Sun Yi 85626
Yu Jun *see* Sun Yi 85627
Yu Jun *see* Jun Yu
Yu Li *see* Xinglong Wang 72953
Yu Li *see* Li Yu
Yu Liang *see* Khoo, I.C. 50947
Yu Lo Cyrus Chang, Lander, L.C., Horng-Shing Lu, Wells, H.T. Bayes analysis for fault location in distributed systems 91132
Yu Lung Chen *see* Psang Dain Lin 66682
Yu Meng-Lin *see* Meng-Lin Yu
Yu Ming *see* Zhang Zongcheng 80397
Yu Ming *see* Ming Yu
Yu Ming-De *see* Ming-De Yu
Yu Mingbin *see* Lin Jian 81830
Yu Mingbing *see* Chen Zhiming 94287
Yu Nagy Yu *see* Yu Yu Nagy
Yu Ning Sun *see* Sun Yu Ning
Yu Ouyang *see* Ouyang Yu

Yu Pao-Hau *see* Pao-Hau Yu
Yu Pao-Ta *see* Pao-Ta Yu
Yu Pilho *see* Pilho Yu
Yu Ping *see* Ping Yu
Yu Qicheng *see* Qicheng Yu
Yu Qifeng *see* Qifeng Yu
Yu Qilian *see* Li Gang 53425
Yu Qing Chen, Qing Xiang, Sehgal, S.K. An exponent bound on skew Hadamard abelian difference sets 79515
Yu Qingchang Application of group theory on the nonlinear transport system following ion source 53127
Yu Qinggang *see* Jiang Jianguo 78709
Yu Qinggang *see* Jiang Jianguo 79071
Yu Qiong *see* Qiong Yu
Yu Rah Seung *see* Seung Yu Rah
Yu Rangchen *see* Rangchen Yu
Yu Rong Zhou *see* Watkins, L.R. 94066
Yu Rong-Feng *see* Zhou Jing-Li 56233
Yu Ruai *see* Ruai Yu
Yu Ruan *see* Ruan Yu
Yu Ruizhao *see* Wang Tao 74265
Yu Sang gi *see* Sang gi Yu
Yu Seong-Cho *see* Seong-Cho Yu
Yu Shan, Chen Da, Zhang Yanwen, Huang Chang Some results of two dimensional deep submicron MOSFET simulation 81931
Yu Shan, Zhang Dingkang, Huang Chang Shallow junction technologies and their applications in 0.5 μm CMOS ICs 62984
Yu Shan, Zhang Dingkang, Huang Chang Development of 0.50 μm LDD PMOS technology 63014
Yu Shang-Shung *see* Shang-Shung Yu
Yu Sheng-Sheng *see* Jia Lian-Xing 58970
Yu Sheng-Sheng *see* Zhou Jing-Li 56233
Yu Shenjun *see* Shenjun Yu
Yu Shi Ji *see* Ji Yu Shi
Yu Shiann-Jeng *see* Shiann-Jeng Yu
Yu Sun-Li *see* Sun-Li Yu
Yu Tat-Kwan *see* Tat-Kwan Yu
Yu Tian-Hu *see* Tian-Hu Yu
Yu Wang, Mohler, R.R., Mittelstadt, W.A., Maratukulam, D.J. Variable-structure braking-resistor control in a multimachine power system 88946
Yu Wang Da *see* Da Yu Wang
Yu Wee Kyung *see* Wee Kyung Yu
Yu Wei *see* Wu Lu 81717
Yu Wei *see* Yang-Ming Zhu 64452
Yu Wei *see* Wei Yu
Yu Wen-Xian *see* Hu Wei-Dong 85091
Yu Wenxian, Lu Jun, Wu Jianhui, Guo Guirong Fuzzy sets-based neural network for pattern understanding 70804
Yu Wenxian *see* Liu Yang 87009
Yu WenXian *see* Lu Jun 85068
Yu Xiang-Dong *see* Xiang-Dong Yu
Yu Xiangming *see* Xiangming Yu
Yu Xiangui *see* Xiangui Yu
Yu Xianli *see* Xiao Bilin 99542
Yu Xiao-Hu *see* Xiao-Hu Yu
Yu Xiao-Liang *see* Xiao-Liang Yu
Yu Xiaoban, Yla-Jaaski, J. Direct segmentation for 3D medical images 74433
Yu Xiaojun *see* Xiaojun Yu
Yu Xiaoli *see* Xiaoli Yu
Yu Xiaomei *see* Xiaomei Yu
Yu Xiaoqi *see* Xiaoqi Yu
Yu Xichang, Zhou Quanren Practical implementation of the SCADA+AGC/ED system of the Hunan power pool in the central China power network 77903
Yu Xin *see* Xin Yu
Yu Xinming *see* Xinming Yu
Yu Xiren *see* Yang Jingheng 90541
Yu Xuefeng *see* Zhang Guoqiang 62317
Yu Xuefeng *see* Zhang Guoqiang 93428
Yu Yang Jing *see* Jing Yu Yang
Yu Yanqiang *see* Yanqiang Yu
Yu Yao-Nan *see* Yao-Nan Yu
Yu Yen-Ching *see* Yen-Ching Yu
Yu Yixin, Wang Chengshan Application of robustness theory in the analysis of subsynchronous oscillation [of power systems] 89120
Yu Yixin, Wang Yaoyu An asynchronously coordinating load flow calculation algorithm for the distributed energy management system (DEMS) 89114
Yu Yixin *see* Dai Hongwei 99616
Yu Yizhong *see* Sun Xiaowei 56847
Yu Young Hun *see* Young Hun Yu
Yu Yu Nagy *see* Mikla, V.I. 92966
Yu Yuehui *see* Chen Tao 81850
Yu Yuehui *see* Yuehui Yu
Yu Yuwu *see* Yuwu Yu
Yu Zengliang *see* Hu Chundong 53234
Yu Zhen-Xin *see* Zhen-Xin Yu
Yu Zheng Jiang *see* Jiang Yu Zheng
Yu Zhenli *see* Chen Zhongbao 84178
Yu Zhiping *see* Zhiping Yu
Yu Zuhe *see* Zuhe Yu
Yu-Cai Feng *see* Feng Yu-Cai
Yu-Chang Hsu *see* Yung-Sheng Chen 95979
Yu-Chi Wu, Debs, A.S., Marsten, R.E. A direct nonlinear predictor-corrector primal-dual interior point algorithm for optimal power flows 53626
Yu-Chi Wu, Debs, A.S., Marsten, R.E. A direct nonlinear predictor-corrector primal-dual interior point algorithm for optimal power flows 77842
Yu-Chi Yang *see* Ching-Fa Yeh 55960
Yu-Chin Hsu *see* How-Rern Lin 49326
Yu-Chong Tai *see* Tatic-Lucic, S. 62597
Yu-Chun Xu *see* Hui-Feng Li 81994
Yu-De Lin, Jyh-Wen Sheen Surface wave leakage of coplanar waveguide with nearby back conductor plane 80569
Yu-De Lin, Pei-Min Chi Mode-coupling phenomena of packaged coplanar waveguide with mounting grooves 92482
Yu-De Lin, You-Bo Tsai Surface wave leakage phenomena in coupled slot lines 94908
Yu-De Ni *see* Jian-Cuo Zhang 59629
Yu-Dong Yao *see* Sheikh, A. 52336
Yu-He Zhang *see* Zhiguo Zhang 94642
Yu-Hong Ja A single-mode optical fiber ring resonator using a planar 3×3 fiber coupler and a Sagnac loop 82592
Yu-Hung Hsieh, Shen-Li Fu A conduction model for $BaPbO_3$-based thick film resistors 61962
Yu-Hwa Lo *see* Chin-Yi Tsai 83166
Yu-Jiuan Chen, Hewett, D.W. Simulation of transient effects in the heavy ion fusion injectors 67029
Yu-Kang Lo, Chern-Lin Chen A voltage-mode controlled high-input-power-factor AC line conditioner with minimized output voltage harmonics 100287
Yu-Kang Lo, Chern-Lin Chen, Jea-Sen Lin, Wu, J.Y. A new high-performance AC-to-AC conversion system 90210
Yu-Kang Lo, Rong-Jie Tu, Chern-Lin Chen Control without current sensing for unity-power-factor switch-mode rectifier 100377
Yu-li Liu The growth of cable television in China: tensions between local and central government 58591
Yu-Liang Wu, Chang, D. On the NP-completeness of regular 2-D FPGA routing architectures and a novel solution 92160
Yu-Liang Wu, Shuji Tsukiyama, Malgorzata Marek-Sadowska On computational complexity of a detailed routing problem in two dimensional FPGAs 49268
Yu-Long Wang *see* Yin-Pang Ma 99848
Yu-Long Zhan *see* Din-Xin Shen 89570
Yu-Miao Li *see* De-Ling Zheng 93102
Yu-Ming Chang, Jia-You Lee, Wen-Inne Tsai, York-Yih Sun An H-soft-switched cell for single-switch nonisolated DC-to-DC converters 90158
Yu-Ming Chang *see* Jia-You Lee 90147
Yu-On Yam *see* Chi-Hung Li 49179
Yu-On Yam *see* Yam Yu-On
Yu-Shi Mao Socio-economic conditions for the development of renewable energy in China 53859
Yu-Wen Huang, Srihari, K., Adriance, J., Westby, G. Heuristic based multiple batch placement sequence optimization 92764
Yuafi-Yih Hsu *see* Chien-Chun Yang 89013
Yuan, C., Steckl, A.J., Loboda, M.J. Effect of carbonization on the growth of 3C-SiC on Si(111) by silacyclobutane 54966
Yuan, C. *see* Steckl, A.J. 61385
Yuan, C. *see* Tong, Q.-Y. 93083
Yuan, C.W. *see* Lu, W. 62599
Yuan, D.H. *see* Dutto, G. 53189
Yuan, G. *see* Kato, Y. 50730
Yuan, G. *see* Murai, K. 56613
Yuan, J., Packowski, M.A. The thermal degradation and decomposition of brominated epoxy FR-4 laminates 92794
Yuan, J. *see* Alippi, C. 53346
Yuan, J. *see* Alippi, C. 67381
Yuan, J. *see* Dell'Acqua, A. 87955
Yuan, J. *see* Dell'Acqua, A. 98680
Yuan, J.-S., Yeh, C.-S., Gadepally, B. Effect of base profiles on the forward transit time of the bipolar transistors in BiCMOS circuits 56087
Yuan, J.H. *see* Lee, D.J. 70524
Yuan, J.S. Modeling the bipolar oscillator phase noise 70318
Yuan, J.S. Base current reversal in bipolar transistors and circuits: a review and update 71606
Yuan, J.S. Thermal and reverse base current effects on heterojunction bipolar transistors and circuits 71613
Yuan, J.S. Integral Gummel relation for single- and double-heterojunction graded-base HBTs 71614
Yuan, J.S., Lyons, J. Design and modeling of p-i-n photodetectors using MEDICI 72608
Yuan, J.T. A new interpolation lattice structure 84297
Yuan, L. *see* Sindhu, P. 74705
Yuan, M.Y. *see* Li, Q. 62074
Yuan, S.L. *see* Chen, J.L. 79510
Yuan, S.W., Bertram, H.N. Magnetoresistive heads for ultra high density recording 50338
Yuan, S.W., Bertram, H.N. Micromagnetics of GMR spin-valve heads 72107
Yuan, S.W., Bertram, H.N. Off-track spacing loss of shielded MR heads 72190
Yuan, S.W., Bertram, H.N., Bhattacharyya, M.K. Cross-track characteristics of shielded MR heads 72139
Yuan, S.W. *see* Liao, S.H. 52801
Yuan, S.W. *see* Smith, N. 72140
Yuan, T. *see* Jiang, H. 56243
Yuan, V. *see* Johnson, K.F. 76427
Yuan, V. *see* Sandoval, D.P. 98467
Yuan, V.W. *see* Gilpatrick, J.D. 98456
Yuan, W.F. *see* Chen, J.L. 79510
Yuan, X.-J., Marsland, J.S., Eccleston, W., Bouvet, D., Mi, J., Dutoit, M. Charge trapping and polarity dependence of interface state generation in nitrided oxide gate dielectric by electron photoinjection 71221
Yuan, Y., Chevrier, F., Le Gall, H., Rommeluere, M., Dumond, Y. Thickness dependence of magneto-optic effects in TbFeCo film 50177
Yuan, Z.-X., Yu, C.-Z., Fang, Y. Text independent speaker identification using fuzzy mathematical algorithm 84057
Yuan Aiping *see* Wang Honghua 100803
Yuan Bao-Hui *see* Bao-Hui Yuan
Yuan Bao-Zong *see* Zhang Zhong-Ying 74440
Yuan Bao-Zong *see* Bao-Zong Yuan
Yuan Baozong *see* Deng Shiwei 95839
Yuan Baozong *see* Deng Shiwei 96098
Yuan Baozong *see* Lukin, V.V. 77293
Yuan Baozong *see* Miao Zhenjiang 95309
Yuan Baozong *see* Xu Jun 73788
Yuan Baozong *see* Zhang Chao 74437
Yuan Baozong *see* Zhenjiang, M. 74421
Yuan Baozong *(editor)* Proceedings TENCON '93. 1993 IEEE Region 10 Conference on 'Computer, Communication, Control and Power Engineering' (Cat. No.93CH3286-2) 60701
Yuan Baozong *see* Baozong Yuan
Yuan Ben-Tao *see* Ben-Tao Yuan
Yuan Bentao *see* Wang Yanchun 60083
Yuan Bin, Ma Weixing Chaos in the almost periodic forcing electrical power systems 77831
Yuan Bin, Ma Weixing, Li Wengping, Gu Yongchang, Yang Kexuan, Zhu Wanguo, Huang Yingju, Ge Weichun Functions and technical points in dynamic simulation of Northeast power system in China 53606
Yuan Bin, Sun Qihong Global bifurcation phenomenon in electric power system 99444
Yuan Bin *see* Ma Weixin 89051
Yuan Chen *see* Chen Yuan
Yuan Cheng Ching *see* Ching Yuan Cheng
Yuan Chi-Min *see* Chi-Min Yuan
Yuan Feng *see* Ding Zhen-Liang 58968
Yuan Fuh-Gwo *see* Fuh-Gwo Yuan
Yuan Guangwei *see* Guangwei Yuan
Yuan Guo, Lieske, R.J., Dyball, S.D. A study of solder paste printing process 92802
Yuan Guo, Randklev, P.C. Detecting and solving coplanarity problems in SMT 81011
Yuan Guo *see* Husman, M.S. 92804
Yuan Jenq-Tay *see* Jenq-Tay Yuan
Yuan Jian *see* Jian Yuan
Yuan Jiansheng *see* Jiansheng Yuan
Yuan Jingzhong Optical fibre computer local network for substations 100411
Yuan Jinsha, Zhang Jintang Finite element method in frequency domain for nonlinear transient field problems 73230
Yuan Jinshe, Fan Weicheng, Yang Shenghua Experimental study on UCPC-PV power system 60131
Yuan Jiren *see* Jiren Yuan
Yuan Libo, Pan Jian, Liu Jinming Fiber-optic temperature sensor with variable-sensitivity 66401
Yuan Liu, Cheng-Hao Wang, Ying, C.F. Head waves in a piezoelectric-half-space 93740
Yuan Liu *see* Liu Yuan
Yuan Lixiang, Fan Zhengxiu, Yin Gongjie Study of soft x-ray diffractive gratings using differential method 56840
Yuan Min-Huan *see* Jin Si-Xuan 81793
Yuan Naichang *see* Naichang Yuan
Yuan Ping, Zhou Sixing, Wei Baowen The preliminary experiments on laser ion source at IMP 53220
Yuan Shao *see* Shao Yuan
Yuan Shi, Poulsen, C.V., Sejka, M., Poulsen, O. Mode-locked Pr^{3+}-doped silica fiber laser with an external cavity 63747
Yuan Shifu, Zhao Shijie, Zhang Xueru, Chen Lixue, Hong Jing Optical morphological transformations using a liquid crystal light valve 72479
Yuan Shifu, Zhao Shijie, Zhang Xueru, Chen Lixue, Song Liquan, Cao Bicheng Implementation of optical logic gates with a liquid crystal light valve 56499
Yuan Shuang-Qing *see* Zhou Jing-Li 56233
Yuan Suihua *see* Suihua Yuan
Yuan Taur *see* Hon-Sum Wong 93439
Yuan Taur *see* Hsu, C.C.-H. 55980
Yuan Tian-You *see* Tian-You Yuan
Yuan Weici Circuit configuration and test of transistor suspension chopper 100876
Yuan Xiao Ming *see* Xiao Ming Yuan
Yuan Xu *see* Nevai, P. 61145
Yuan Xue-Ming *see* Xue-Ming Yuan
Yuan Ya-Xiang On the convergence of trust region algorithms 79633
Yuan Ya-Xiang *see* Peng Ji-Ming 69909
Yuan Yan Tang *see* Tao Li 84166
Yuan Yang Sheng *see* Yang Sheng Yuan

Yuan Yanhong, Wang Zeyi, Wu Qiming Parallel boundary element calculation of three-dimensional resistance and capacitance 80040
Yuan Yi-Bao *see* Ding Zhen-Liang 58968
Yuan Yin-Lun *see* Yin-Lun Yuan
Yuan Zhe-Jun *see* Wang Xiao-Hui 58976
Yuan Zhi-Min *see* Jia Lian-Xing 58970
Yuan Zhuang *see* Litva, J. 95019
Yuan-Chen Liu *see* Liang-Gee Chen 57715
Yuan-Cheng Chang *see* Lin-Shan Lee 95300
Yuan-Cheng Du *see* Zhong-Min Ren 48961
Yuan-Chiuan You *see* Jiann-Der Lee 64866
Yuan-Hua Zhou *see* Ying-Jie Xin 96113
Yuan-Hwang Chen, Yih-Sheng Lin Cumulant-based method for bearing estimation in the presence of nonGaussian noise 57612
Yuan-Liang Li *see* Benson, J.W. 59610
Yuan-Liang Tang, Devadiga, S., Kasturi, R., Harris, R.L. Model-based approach for detection of objects in low resolution passive millimeter wave images 67676
Yuan-Lin Chen, Ying-Tung Hsiao, Shih-Chang Sue, Chun-Chung Liu A stochastic approach for optimal VAR planning in power systems 68154
Yuan-Lin Chen *see* Ying-Tung Hsiao 53714
Yuan-Lin Chen *see* Ying-Tung Hsiao 78031
Yuan-Ling Zhan *see* Hui Kang 56474
Yuan-lun Tsai *see* Yi-sha Ku 92643
Yuan-Min Li *see* Qing Gu 81246
Yuan-Ning Qiao *see* Qiao Yuan-Ning
Yuan-Pei Lin, See-May Phoong, Vaidyanathan, P.P. New results on multidimensional Chinese remainder theorem 95576
Yuan-Qun Liu *see* Li Yan 83307
Yuan-Ron Ma *see* Yung Liou 70115
Yuan-Sheng Zhang *see* Xian-Da Zhang 95399
Yuan-Shing Liu, Mizuno, T., Ishii, S. Leakage current and surface flashover in silicon bulk semiconductor 71076
Yuan-Shing Liu, Mizuno, T., Murata, M., Ishii, S. Discharge and emission characteristics of compact corona-plasma cathode X-ray source 98722
Yuan-Tung Cheng *see* Kin-Lu Wong 57223
Yuan-Tung Cheng *see* Kin-Lu Wong 70826
Yuan-Tung Cheng *see* Wen-Shyang Chen 64221
Yuan-Yih Hsu, Chien-Chuen Yang A hybrid artificial neural network-dynamic programming approach for feeder capacitor scheduling 78079
Yuan-Yih Hsu, Han-Ching Kuo A heuristic based fuzzy reasoning approach for distribution system service restoration 68062
Yuan-Yih Hsu *see* Ruey-Hsun Liang 89733
Yuan-Zhao Yin, He-Jun Yin Chaotic electron trajectories in a circular free electron laser 83179
Yuan-Zhu Kuang *see* Kuang Yuan-Zhu
Yuanan Liu A rigorous solution of static electricity of circular edges 94728
Yuancai Zhang *see* Zhang Yuancai
Yuanda Cheng, Sedighi, M., Lam, I., Gardner, R.A., Zhijun Yang, Scheinfein, M.R. Evaluation of the CoCrTaPt alloy for longitudinal magnetic recording 63180
Yuanda Shan *see* Shan Yuanda
Yuanfu Zhao *see* Zhao Yuanfu
Yuang, M.C., Liang, S. Assessment and performance analysis of DQDB MAC protocols 74685
Yuang-Cheh Hsueh *see* Chyi-Hwa Chu 95769
Yuangin Qian *see* Qian Yuangin
Yuanguang Zheng *see* Zheng Yuanguang
Yuanhua Zhou *see* Zhou Yuanhua
Yuanjiang Ou *see* Ou Yuanjiang
Yuanliang Ma *see* Ma Yuanliang
Yuanling Zhan *see* Zhan Yuanling
Yuanmei Wang Multicriteria neural network with application to image reconstruction from projections 74609
Yuanqing Li *see* Li Yuanqing
Yuanwu Qiu *see* Qiu Yuanwu
Yuanxing Li *see* Li Yuanxing
Yuanxiu Ge *see* Ge Yuanxiu
Yuanxun Wang, Desen Fan Accurate global solutions of EM boundary-value problems for coaxial radiators 73289
Yuanxun.Wang *see* Wang Yuanxun
Yuanyu Luo *see* Luo Yuanyu
Yuanyuan Yang, Masson, G.M. Fast path routing techniques for nonblocking broadcast networks 75054
Yuanyuan Zhong *see* Zhong Yuanyuan
Yuanzhang Sun *see* Sun Yuanzhang
Yuasa, M. *see* Yara, T. 79949
Yuasa, S. *see* Kyuwa, S. 53634
Yuasa, S. *see* Kyuwa, S. 68096
Yuasa, S. *see* Kyuwa, S. 77944
Yuasa, T. *see* Mishina, H. 84639
Yubazaki, N., Otani, M., Ashida, T., Kitamura, E. Fuzzy motion drive method of induction motor using position sensor 90562
Yubin Ye *see* Haiyin Sun 63808
Yubong Zhang *see* Zhang Yubong
Yucai Feng *see* Feng Yucai
Yuce, H.H., Kapron, F.P. Fiber reliability standards—an update 94101
Yuce, H.H. *see* Volotinen, T.T. 94103
Yucel, B. *see* Mobedi, M. 79409
Yuchang Cao, Sridharan, S., Moody, M.P. Post-microphone-array speech enhancement with adaptive filters for forensic application 95305
Yuchen He *see* He Yuchen
Yucheng Jin *see* Gao, R.X. 75855
Yucheng Lin *see* Lin Yucheng
Yucheng Xie *see* Xie Yucheng
Yuchun Zhang *see* Zhang Yuchun
Yuda, H. *see* Katakura, K. 65227
Yuda, K. *see* Tanabe, H. 79888
Yudanov, N.F. *see* Kriger, Yu.G. 71015
Yudasaka, I., Ohshima, H. Rapid thermal annealing technique for polycrystalline silicon thin-film transistors 55954
Yudian Fan *see* Jiayou Feng 91463
Yudin, I.P. MATCH 1.0—the program for analytical matching of insertion 66898
Yudin, I.P. *see* Andreev, V.V. 66929
Yudin, L.A. *see* Zhabitsky, V.M. 76625
Yudin, L.I. *see* Latushkin, S.T. 76319
Yudin, N.A. *see* Soldatov, A.N. 94332
Yudithev, A.I. *see* Ionov, V.V. 72293
Yudlin, I.P. *see* Lima, S. 87692
Yudong Liu, Barbosa, L.C., Leite, J.R.R. Suppression of chaos in a CO_2 laser by feedback 82934
Yudong Zhang *see* Zhang Yudong
Yue, C.F. *see* Harkness, S.D. 91466
Yue, J.T. *see* Quader, K.N. 56076
Yue, X. *see* Mu, X. 57180
Yue, X. *see* Sun, D. 61227
Yue, Y. *see* Taylor, K.N.R. 56234
Yue Guangxin *see* Wang Duanyi 95142
Yue Guo *see* Guo Yue
Yue Hao *see* Hao Yue
Yue Liu *see* Bristow, J. 67728
Yue On-Ching *see* On-Ching Yue
Yue Wen *see* Liu Dekang 59016
Yue Xing-Ye Numerical analysis of nonstationary thermistor problem 80073
Yue Xuefeng *see* Xuefeng Yue
Yue Yao, Guoliang Zeng Multiple source location—recursive approach for coherent sources 84473
Yue-Chung Wong, On-Cheong Mak, Ioinovici, A. Development of boost converter based on switched-capacitor circuits 91878
Yue-Huei Wu *see* Hir-Ming Shieh 55605
Yue-Jin Tang, Yokomizu, Y., Hayakawa, N., Goto, Y., Matsumura, T., Okubo, H., Kito, Y. Quenching current level coordination in superconducting power transmission system 68283
Yue-Kae Lin *see* Kuin-Hui Chen 93320
Yue-Wei Huang *see* Huang Yue-Wei
Yueai Liu, Rahman, B.M.A., Grattan, K.T.V. Thermal-stress-induced birefringence in bow-tie optical fibers 82576
Yueai Liu, Rahman, B.M.A., Grattan, K.T.V. Finite element analysis of the stress distribution in 'bow-tie' optical fibres with sensor application 87233
Yuefeng Liao *see* Feng Liang 60193
Yuefeng Zhang, Lee, C.Q. Bi-Frequency controlled buck zero-current switching quasi-resonant converter 100231
Yuefeng Zhang, Xubin Sun, Lee, C.Q. Bi-frequency control for quasi-resonant converters 91883
Yueh, S.H., Kwok, R., Li, F.K., Nghiem, S.V., Wilson, W.J., Kong, J.A. Polarimetric passive remote sensing of wind-generated sea surfaces and ocean wind vectors 77535
Yueh, S.H., Kwok, R., Li, F.K., Nghiem, S.V., Wilson, W.J., Kong, J.A. Polarimetric passive remote sensing of ocean wind vectors 88795
Yueh, S.H. *see* Hara, Y. 59596
Yueh, S.H. *see* Lim, H.H. 73290
Yueh, W.H. *see* Leeman Hong 68201
Yueh-lin Chou *see* Wen-an Loong 62583
Yueh-Se Ho *see* Chinn, J. 62461
Yueh-Yiing Chiang *see* Chung-Ju Chang 75284
Yuehong Zhang *see* Zhang Yuehong
Yuehua Wu, Kwok-Wai Tam Randomized penalty in detection of the number of signals 95383
Yuehui Yu, Zhuyin Zhou, Guoqin Zhao, Shichang Zou Optical response of free-carrier plasma effects of MeV arsenic-ion-implanted silicon 71092
Yuehui Yu *see* Yu Yuehui
Yuejian Wu *see* Chun Zhang 80310
Yuejin Zhang, Bruton, L.T. Applications of 3-D LCR networks in the design of 3-D recursive filters for processing image sequences 80471
Yuejin Zhao, Xiaomei Yu Discal image rotator 74375
Yueming Zeng *see* Zeng Yueming
Yuen, C. *see* Pao, Y.C. 94302
Yuen, D.C.M., Chow, L.M. Development of plant maintenance management in China Light and Power distribution system 59918
Yuen, G. *see* Belgal, H. 62990
Yuen, J.T. *see* Chen, C.-I.H. 80206
Yuen, J.T. *see* Hill-Lindsay, J.W. 88901
Yuen, K.S.Y., Chan, W.W. A solution to the generalized Duda and Hart problem using Fourier parameterization 96101
Yuen, K.S.Y., Lo, E.K.H. A coarse-to-fine approach for circle detection 96107
Yuen, K.S.Y. *see* Lam, W.C.Y. 85179
Yuen, K.S.Y. *see* Lam, W.C.Y. 95847
Yuen, L. *see* McKelvey, M.E. 58781
Yuen, M. *see* Mussman, H. 75424
Yuen, M.F. *see* Yu, K.M. 75832
Yuen, N., Friedlander, B. Performance analysis of blind signal estimation using fourth order cumulants 95552
Yuen, P.S. *see* Horowitz, Y.S. 59425
Yuen, S.S. *see* Chan, M. 93479
Yuen, S.S. *see* Mansun Chan 62988
Yuen Kam Pooi *see* Pooi Yuen Kam
Yuen-Chung Liu *see* Hsu, I. 76448
Yueqing Zhang *see* Zhang Yueqing
Yuesong He *see* Kun-Hsi Li 56563
Yuet Li *see* Shi, X. 72110
Yuewu Wu *see* Wu Yuewu
YueXian Wang *see* Wang YueXian
Yuexin Yin *see* Domijan, A., Jr. 89997
Yufei Chen *see* Chen Yufei
Yufeng Chen *see* Chen Yufeng
Yufeng Xu, Smith, P.M. Modeling of waveguide-coupled SAW resonators 50169
Yufera, A., Rueda, A., Huertas, J.L. Programmable switched-current wave analog filters 80422
Yuferev, S.V. Generalized BIE-BLA formulation of skin and proximity effect problems for an arbitrary regime of the magnetic field generation 51008
Yugami, J., Ohkura, M. Reliability analysis of gate oxide using bi-Poisson model to evaluate the crystal defect effect 62924
Yugami, J. *see* Kume, H. 61738
Yugami, N. *see* Nakajima, K. 76627
Yugami, N. *see* Ogata, A. 87880
Yugami, N. *see* Otsuka, K. 98436
Yugami, N. *see* Xu, X. 55518
Yuge, N., Baba, H., Sakaguchi, Y., Nishikawa, K., Terashima, H., Aratani, F. Purification of metallurgical silicon up to solar grade 91414
Yugeng Sun *see* Sun Yugeng
Yugo, J.J. *see* Hoffman, D.J. 49616
Yugo, S. *see* Katsumata, S. 79895
Yugou Hao *see* Hao Yugou
Yuguang Fang, Loparo, K.A., Xiangbo Feng A sufficient condition for stability of a polytope of matrices 91360
Yuguang Liu, Pierson, W.J., Jr. Comparisons of scatterometer models for the AMI on ERS-1: the possibility of systematic azimuth angle biases of wind speed and direction 88753
Yuguo Hao *see* Hao Yuguo
Yuh, J.-d., Newcomb, R.W. A novel counter circuit using a multi-level neuron with a self-feedback weight 61841
Yuh Hsu Ken *see* Ken Yuh Hsu
Yuh Yeh Fang *see* Fang Yuh Yeh
Yuh-Fwu Chou, Chau-Hwang Lee, Jyhpyng Wang Characteristics of a femtosecond transform-limited Kerr-lens mode-locked dye laser 63684
Yuh-Fwu Chou, Jyhpyng Wang, Hsiao-Hua Liu, Nai-Ping Kuo Measurements of the self-starting threshold of Kerr-lens mode-locking lasers 50782
Yuh-Jen Cheng, Mussche, P.L., Siegman, A.E. Measurement of laser quantum frequency fluctuations using a Pound-Drever stabilization system 72997
Yuh-Sheng Tsuei, Cangellaris, A.C., Prince, J.L. Rigorous electromagnetic modeling of chip-to-package (first-level) interconnections 91036
Yuh-Shing Sun *see* Hsuen-Chyun Shyu 75541
Yuh-Shyan Hwang *see* Shen-Iuan Liu 61823
Yuh-Shyan Hwang *see* Shen-Iuan Liu 80424
Yuh-Tay Liow A two-step approach to detect contours formed by sharp intensity changes 95941
Yuh-Tay Liow, Joyce, R. PENGUIN—a Programmable, Extensible, Network Graphical User INterface 85600
Yuhai Bai, Liwei Pei Bulk acoustic wave Barker code sequence and the application in ultrasonic NDT 99383
Yuhara, T. *see* Kumagai, T. 76034
Yuheng Xu *see* Xu Yuheng
Yuheng Zhang, Campbell, S., Pochi Yeh, Dezhong Shen, Xiaoyan Ma, Jiongyao Chen Submillisecond photorefractive response time of KNO_3:Rb^+ 94590
Yuheng Zhang *see* Yuping Sun 50396
Yuhki, N. *see* Fujita, S. 75485
Yuhl Cho Kwan *see* Kwan Yuhl Cho
Yuhong Hu *see* Hu Yuhong
Yuhong Yan *see* Yusheng Rao 53171
Yuhong Zhang *see* Hong Wang 88687
Yuhong Zhang *see* Zhang Yuhong
Yuhua Cheng *see* Cheng Yuhua
Yuhua Su *see* Su Yuhua
Yuhui Zhang *see* Zhang Yuhui
Yui, N. *see* Takato, H. 100762
Yuile, C.G. *see* Prestage, N.P. 86640
Yuino, T. *see* Wakatsuki, M. 87595
Yuji Wei, Qi-Jun Zhang, Nakhla, M. Multilevel optimization of high speed VLSI interconnect networks by decomposition 80018
Yujiri, L. *see* Lo, D.C.W. 66312
Yujiri, L. *see* Lo, D.C.W. 83870
Yuk Jaeho *see* Jaeho Yuk
Yuk-Hee Chan, Wan-Chi Siu General approach for the realization of DCT/IDCT using convolutions 64464
Yuk-Hee Chan, Wan-Chi Siu, Kin-Man Lam A novel VQ encoding algorithm based on adaptive searching sequence 95173

Yuk-Kwan Ho, A., Ting-Chuen Pong Cooperative fusion of stereo and motion 95932
Yuk-Tong Lee *see* Li Wang 89119
Yukawa, M., Kurokawa, K. Research and development of evaluation technology of photovoltaic power systems 99980
Yukawa, T., Tsutsumi, M. The magnetoelastic wave-mode in the YIG film 56216
Yukhnevich, A.V. *see* Antipov, V.V. 53863
Yukhno, L.F. *see* Kartyshov, S.V. 95572
Yuki, K. *see* Enokizono, M. 63145
Yuki, K. *see* Enokizono, M. 83473
Yuki, K. *see* Hirai, Y. 93251
Yuki, M. *see* Masumo, K. 50023
Yuki, Y. *see* Shinohara, K. 85150
Yukimatsu, K. *see* Wen De Zhong 75165
Yukimatsu, K.-I. *see* Nagase, R. 96936
Yukseler, N.H. The effects of loss-factor on capability chart's voltage stability boundaries in series compensated transmission lines 78028
Yukun Sun *see* Sun Yukun
Yukutake, K. *see* Goto, K. 64134
Yukutake, S. *see* Akioka, T. 70538
Yul Joo Joon *see* Joon Yul Joo
Yule, A.T. *see* Milsom, R.E. 49703
Yule, T. *see* Den Hartog, P. 76300
Yule, T.J. *see* Todd, A.M.M. 76315
Yuliang Li *see* Li Yuliang
Yuliang Liu, Enke Liu, Guozheng Li, Shengliang Zhang, Jinsheng Luo, Fan Zhou, Melqiao Cheng, Bingchen Li, Huang Ge Novel silicon waveguide switch based on total internal reflection 50707
Yuliang Zheng, Hardjono, T., Seberry, J. Reusing shares in secret sharing schemes 64267
Yulin, S.A. *see* Kozhevnikov, I.V. 67409
Yulin Ju *see* Ju Yulin
Yulin Li *see* Li Yulin
Yum, T.-S.P., Ming Chen Dynamic channel assignment in integrated-services cable networks 58595
Yum, T.-S.P., Yeung, K.L. Blocking and handoff performance analysis of directed retry in cellular mobile systems 75293
Yum, T.-S.P. *see* Kit-Man Chan 96268
Yum, T.-S.P. *see* To, P.P. 96288
Yum, T.-S.P. *see* Wong, E.W.M. 65059
Yum, T.-S.P. *see* Yeung, K.L. 75141
Yum, T.-S.P. *see* Yeung, K.L. 75250
Yum, T.-S.P. *see* Yeung, K.L. 75289
Yum, T.-S.P. *see* Yeung, K.L. 97153
Yum, T.P. *see* Kit-Man Chan 65094
Yum Mak Tak *see* Mak Tak Yum
Yum Tak-Shing *see* Tak-Shing Yum
Yum Tak-Shing Peter *see* Tak-Shing Peter Yum
Yumiba, H., Saigoh, H. Overview of frame relay service and technology 85678
Yumin, S.El *see* El Yumin, S.
Yumin Wang *see* Wang Yumin
Yuming Cao, Temes, G.C. High-accuracy circuits for on-chip capacitance ratio testing or sensor readout 97858
Yuming Tao *see* Tao Yuming
Yumino, M. Color reproduction of the new imaging equipment—photo CD 52728
Yumoto, I. *see* Murakami, N. 68827
Yumoto, I. *see* Murakami, N. 100258
Yumoto, J. *see* Chavez-Pirson, A. 73126
Yumoto, O. *see* Yamashita, K. 97253
Yun, F. *see* Honsberg, C.B. 100577
Yun, F. *see* Zhao, J. 100728
Yun, G. *see* Simova, E. 50978
Yun, J.S. *see* Kim, T. 95467
Yun, L.C., Couture, M., Camagna, J.R., Linnartz, J.-P.M.G. BER for QPSK DS-CDMA downlink in an indoor Ricean dispersive pico-cellular channel 97165
Yun, L.C., Messerschmitt, D.G. Architectures for multi-source multi-user video compositing 58237
Yun, S.I. *see* Kwon, T.Y. 73045
Yun, S.I. *see* Taeg Yong Kwon 73079
Yun, S.W. *see* Nam, S.H. 70860
Yun, Y.D. *see* Kang, B.K. 76650
Yun Chang Chun *see* Chun Yun Chang
Yun Chung *see* Shu, J. 92523
Yun Gang *see* Gang Yun
Yun Hee Cheol *see* Hee Cheol Yun
Yun Hee Lee, Jay Kyoon Lee Passive remote sensing of three-layered anisotropic random media 77300
Yun Hee-Joong *see* Hee-Joong Yun
Yun Lee Sang *see* Sang Yun Lee
Yun Liu *see* Liu Yun
Yun Sang Won *see* Sang Won Yun
Yun Shi *see* Shi Yun
Yun Sun Jin *see* Sun Jin Yun
Yun Taek Hyun *see* Taek Hyun Yun
Yun Wei *see* Wei Yun
Yun Xiaohan *see* Xiaohan Yun
yun Zeng Xian *see* Zeng Xian yun
Yun-che Wang *see* Bin Guo 97008
Yun-De Jia *see* Jia Yun-De
Yun-Ho Park *see* Ho-Sung Cho 70005
Yun-Ko Chien *see* Shea, J.J. 66114
Yun-Ko Chien *see* Shea, J.J. 68885
Yun-Liang Long, Hong-Yan Jiang Error analysis for far-field approximate expression of Sommerfeld-type integral 57222
Yun-Qing Huang *see* Huang Yun-Qing
Yun-Sheng Xu, Omar, A.S. Rigorous solution of mode spectra for shielded multilayer microstrip lines 73466
Yun-sik Shin *see* Shin Yun-sik
Yun-Zu Tseng *see* Jiunn-Lee Lin 77038
Yunbin Zhao *see* Zhao Yunbin
Yuncu, H., Kakac, S. Thermal contact conductance—theory and applications 79425
Yuncu, H. *see* Mobedi, M. 79409
Yuncu, H. *see* Kakac, S. *(editor)* 79150
Yunde Jiar *see* Jia Yun-De 97977
Yundian Zhang, Jiaying Yu, Chun Wang Influence of honing load on resonance frequency of ultrasonic honing vibration system 99382
Yunfeng, Shunmao Zhang, Kaihe Zhang, Pushan Tang An edge sorter implemented by hardware for VLSI verification 82019
Yung, B. *see* Matla, W. 100201
Yung, B.H. *see* Dickson, L.D. 83357
Yung, C.W., Yung, E.K.N. A parallel processing system for the computations of wave scattering 83623
Yung, E.K.-N., Chi-Wah Yung Parallel computations of antenna analysis on an extended transputer system 83809
Yung, E.K.N., Lee, W.W.S. A magnetic current loop array in a reflector antenna 57236
Yung, E.K.N., Wong, R.S.K. Analysis of a thin wire circular loop antenna 57254
Yung, E.K.N. *see* Lee, W.W.S. 73445
Yung, E.K.N. *see* Leung, K.W. 83839
Yung, E.K.N. *see* Yung, C.W. 83623
Yung, H.M. *see* Darnell, M. 65566
Yung, H.M. *see* Quirke, T.M. 97027
Yung, M. *see* Ofek, O. 52174
Yung, M. *see* Ofek, Y. 65282
Yung Chang Sze *see* The-Nan Chang 94904
Yung Chi-Wah *see* Chi-Wah Yung
Yung Kwon Kim *see* Han Gyoo Kim 97128
Yung Kwon Kim *see* Jong Seok Han 75515
Yung Liou, Yuan-Ron Ma Diamond formation in the carbon-hydrogen-oxygen system 70115
Yung Wang *see* Wang Yung
Yung-Chao Ting, Juin-Liang Chen, Feng-Jian Wang An object-oriented concurrent model for communication protocols 51830
Yung-Cheng Chang, Lih-Hsing Hsu Element perturbation problems of optimum spanning trees with two-parameter objectives 79619
Yung-Chi Huang *see* Lin-Shan Lee 95300
Yung-Ching Chang *see* Hsien-Chung Wei 85199
Yung-Chun Wu, Nie-Zen Yen A ripple free sampled-data robust servomechanism controller using exponential hold 68646
Yung-Chung Chang, Wei-Tzen Yang, Chun-Chang Liu A new method for calculating loss coefficients [of power systems] 88947
Yung-Chung Kao *see* Hin-Fai Chau 93346
Yung-Chung Kao *see* Moise, T.S. 71768
Yung-Chung Kao *see* Moise, T.S. 93335
Yung-Gi Wu, Shen-Chuan Tai Finite state DCT with global bitmap image coding 95917
Yung-Ho Chuang, Yang, B., Garkavy, V., O'Connor, J., Kuo-Ching Liu, Cohen, M.G., Farkas, J., Comita, P. Laser repair of phase shifting masks 62575
Yung-Huei Yan *see* Ming Ouhyoung 58093
Yung-Hui Yeh *see* Chyuan-Wei Chen 71119
Yung-Joon Hah, Byong-Whi Lee Fuzzy power control algorithm for a pressurized water reactor 53896
Yung-Kao Hsu *see* Sasisekharan, R. 74855
Yung-Kuang Chen, Sien Chi Fault-locating and supervisory technique for multistaged branched optical networks 86331
Yung-Kuang Chen, Way, W.I. Multiwavelength line-rate-independent optical digital cross-connects based on low-gain fiber amplifiers 86478
Yung-Li Lee, Ming-Wei Lu Fatigue-reliability analysis of resistance spot-welds 54635
Yung-Ming Fang, Wong, D.F. Simultaneous functional-unit binding and floorplanning 91827
Yung-Nein Sun *see* Chun-Han Chen 98809
Yung-Nien Sun *see* Jiann-Shu Lee 74426
Yung-Nien Sun *see* Pau-Choo Chung 95887
Yung-Shan Wang *see* Li Wang 99520
Yung-Sheng Cheh Segmentation and association among lines and junctions for a line image 84631
Yung-Sheng Chen, Hung-Tien Yen, Wen-Hsing Hsu Compression of color image via the technique of surface fitting 74468
Yung-Sheng Chen, Yu-Chang Hsu Image segmentation of a color-blindness plate 95979
Yung-Song Lou, Ching-Yuan Wu A self-consistent characterization methodology for Schottky-barrier diodes and ohmic contacts 49810
Yung-Tien Chen *see* Chiang-Tsung Huang 78582
Yung-Tien Chen *see* Jin-Cheng Wang 78583
Yung-Tien Chen *see* Wen-Shiow Kao 59769
Yung-Tsan Lin, Bor-Leh Jenge, Hsuen-Chyun Shyu, Shu-Min Chiang Image tracking for a partially shaded noisy manoeuvring target 57686
Yung-Tsun Wu *see* Auckland, D.W. 100108
Yungjun Park *see* Jechang Jeong 86735
Yungtaek Jang, Erickson, R.W. New single-switch three-phase high power factor rectifiers using multi-resonant zero current switching 68819
Yungui Zheng *see* Zhenghua Deng 68976
Yunho Choi, Myungho Kim, Hyunsoon Jang, Taejin Kim, Seung-hoon Lee, Ho-cheol Lee, Churoo Park, Siyeol Lee, Cheol-soo Kim, Sooin Cho, Ejaz Haq, Karp, J., Daeje Chin 16-Mb synchronous DRAM with 125-Mbyte/s data rate 49427
Yunho Choi, Myungho Kim, Taejin Kim, Seung-Hoon Lee, Ho-Cheol Lee, Churoo Park, Siyeol Lee, Cheol-Soo Kim, Beornje Lee, Sooin Cho, Ejaz Haq, Joel Karp, Daeje Chin 16 Mbit synchronous DRAM with 125 Mbyte/sec data rate 70553
Yunho Choi *see* Sungjoon Kim 70430
Yunhui Dong *see* Dong Yunhui
Yunju Ra, Bradley, S.G., Ching-Hwa Chen Etching of aluminum alloys in the transformer-coupled plasma etcher 93211
Yunker, S.B. *see* Moreno, C.W. 68454
Yunliang Long Determination of the natural frequencies for conducting rectangular boxes 73297
Yunliang Long *see* Long Yunliang
Yunliang Ye *see* Ye Yunliang
Yunlong Sheng *see* Roberge, D. 74457
Yunlong Sheng *see* Roberge, D. 84725
Yunmin Zhu Iterative solutions of the linear least squares subject to linear constraints 91358
Yunmin Zhu, Aijun Gao Optimal design of convex combinations for adaptive filtering with parallel signals 95636
Yunn, B. *see* Liu, H. 83184
Yunn, B.C., Sundelin, R.M. Field emitted electron trajectories for the CEBAF cavity 67152
Yunn, B.C. *see* Rui Li 76530
Yunn, B.C. *see* Zenghai Li 66894
Yunpeng Liu *see* Liu Yunpeng
Yunping Chen *see* Chen Yunping
Yunping Zhu *see* Zhu Yunping
Yunqiang Zhang *see* Zhang Yunqiang
Yunqing Li *see* Li Yunqing
Yunqing Pei *see* Pei Yunqing
Yunqiu Wu, Shankar, P.M., Lewin, P.A., Koller, D.P. Fiber optic ultrasonic sensor using Raman-Nath light diffraction 52880
Yunquan Chen, Laszlo, C.A., Hershler, C. Estimation of the firing rate of an incomplete MUAP train 98890
Yunrong Wei *see* Wei Yunrong
Yunshan Wang *see* Wang Yunshan
Yunshang Zhuo *see* Zhuo Yunshang
Yunshi Ding *see* Ding Yunshi
Yunusov, M.S., Abdurakhmanov, Yu.Yu., Ob'edkov, E.V., Pattakhov, A.A. Light-emitting diodes based on isoperiodic GaInAsSb/GaSb and GaInAsSb/AlGaAsSb *p-n* structures 82839
Yunxin Zhao An acoustic-phonetic-based speaker adaptation technique for improving speaker-independent continuous speech recognition 64363
Yunxin Zhao *see* Xinhua Zhuang 95923
YunYi Wang *see* WeiKai Sun 64188
Yunzhong Chen *see* Saraswat, K.C. 62352
Yuong-Wei Lei, Ming Ouhyoung Software-based motion JPEG with progressive refinement for computer animation 84920
Yuong-Wei Lei *see* Ming Ouhyoung 58093
Yupapin, P.V.P., Weir, K., Grattan, K.T.V., Kusamran, S. A flap angle control based on fibre optical measurements 87235
Yuping Qiu *see* Cox, L.A., Jr. 79490
Yuping Qiu *see* Youngho Lee 74752
Yuping Sun, Faipei Zhang, Jianyi Jiang, Anming Hu, Yinfong Wang, Jiaju Du, Sheng, Z.Z., Yuheng Zhang Preparation and properties of high J_c Tl(2223) Ag-sheathed tape 50396
Yuping Zheng *see* Zheng Yuping
Yupinov, Yu. *see* Korchuganov, V. 66999
Yupu Li, Kilner, J.A., Chater, R.J., Nejim, A., Hemment, P.L.F., Marsh, C.D., Booker, G.R. Oxygen isotopic exchange during the annealing of low energy SIMOX layers 49831
Yuqiang Tang, Sobol, H. Microwave propagation in multi-room buildings for PCS 97104
Yuqing Guo *see* Yu, K. 69640
Yuqing Ma *see* Ma Yuqing
Yuquan Chen *see* Chen Yuquan
Yuquan Jin *see* Jin Yuquan
Yur, V. *see* Hac, A. 96152
Yura, H.T. LADAR detection statistics in the presence of pointing errors 97433
Yurchenko, N. Theoretical study of copper vapor lasers 94346
Yurchenko, O.N. *see* Rychkov, V.A. 80124
Yurchenko, V.I. *see* Aulchenko, V.M. 67341
Yur'ev, M.S. *see* Vysotina, N.V. 83246
Yuri, F., Igor, S., Sergei, U. Multichannel system for fast measurement of temperatures at 1-4.2 K 98338
Yuri, M. *see* Makioka, S. 80782
Yuri, M. *see* Takayama, T. 72911
Yuri, M. *see* Tateoka, K. 92524
Yuri, N. *see* Takayama, T. 83041
Yuri, T. *see* Ohki, T. 50192
Yurke, B. *see* Greywall, D.S. 55159
Yurkevich, V.E. *see* Goltzow, Yu.I. 80880
Yurkin, A.V. Quasi-resonator—a new interpretation of the scattering in a laser 56828
Yurkin, I.M., Orendac, N., Feher, E., Turyanitsa, I.D., Kuchenko, J.P., Kovac, J., Zentko, A. Dynamical properties of $(As_{0.40}S_{0.60})_{99}Mn_1$ glass

deduced from specific heat and magnetic measurements 71945
Yurkin, Yu.T. *see* Bolotnikov, A.E. 67415
Yurkin, Yu.T. *see* Ulin, S.E. 88134
Yurko, M. Studies of the performance of OPAL single-sided FOXFET detectors in a test beam 88085
Yurko, M. *see* Allport, P.P. 76752
Yurkon, J. *see* Mercer, D.J. 87998
Yurkon, J. *see* Swan, D. 88006
Yurkov, M.V. *see* Saldin, E.L. 50889
Yurkov, M.V. *see* Saldin, E.L. 53099
Yurkovich, S. The instructional control laboratories in electrical engineering at the Ohio State University 54372
Yurmanov, V.A. *see* Fateev, V.N. 53900
Yurtkuran, E.K. *see* Kenney, J.S. 97079
Yurtseven, M.K. *see* Asinugo, C. 61802
Yurugi, K., Yonemori, H., Hayasi, K., Nakaoka, M. Next generation space voltage vector ZVT-PWM AC-DC active power converter with auxiliary transformer-assisted resonant DC link 100302
Yurugi, K., Yonemori, H., Nakaoka, M. Zero-voltage soft-switched PWM three-phase AC-DC active power converter with new quasi resonant DC link 100234
Yusa, K. *see* Okuno, S. 98559
Yusa, K. *see* Saitoh, Y. 59075
Yusa, K. *see* Saitoh, Y. 88124
Yusa, K. *see* Saitoh, Y. 98580
Yushan Hao *see* Hao Yushan
Yushan Tan *see* Hong Zhao 74447
Yushan Zhao *see* Zhao Yushan
Yusheng Li *see* Li Yusheng
Yusheng Quan *see* Quan Yusheng
Yusheng Rao, Jiannan Wu, Yuhong Yan, Yong Zhang, Lei Qi Discharge mechanism of the Kyoto University-type microwave plasma cathode or microwave ion source 53171
Yusheng Rao, Yong Zhang, Jiannan Wu, Lei Qi Design and investigation of a microwave plasma cathode 53236
Yusheng Wu *see* Wu Yusheng
Yusheng Xue *see* Xue Yusheng
Yushin, N.K. *see* Lemanov, V.V. 56149
Yushin, N.K. *see* Maksimov, A.Yu. 48995
Yushin, N.K. *see* Martin, G. 82217
Yushin, N.K. *see* Vainakht, M. 56170
Yushitsin, K.V. *see* Boiko, V.I. 53140
Yushu Feng *see* Nasrabadi, N.M. 57752
Yushui Feng *see* Feng Yushui
Yussouff, M. *see* Brailsford, A.D. 87322
Yuste, A.P. *see* Moreno, F.J.B. 65748
YuSuzhu *see* Guan Zhicheng 53785
Yuta, H. *see* Abe, K. 88115
Yuta, H. *see* Antilogus, P. 59064
Yuta, H. *see* Antilogus, P. 59127
Yuta, H. *see* Hoshi, Y. 88113
Yuta, H. *see* Masuda, K. 67337
Yuta, H. *see* Oyama, K. 98567
Yuta, H. *see* Sakamoto, M. 59077
Yutai Ma *see* Ma Yutai
Yutani, N. *see* Yagi, H. 58831
Yutanova, E.Yu. *see* Staselko, D.I. 56969
Yutao Chen *see* Qingyuan Wang 94318
Yutian Liu *see* Liu Yutian
Yutian Sun *see* Sun Yutian
Yuting Xie *see* Xie Yuting
Yuu-Ichi Mikata *see* Jun-Ichi Shiozawa 54939
Yuuki, A. *see* Kawahara, T. 93705
Yuvarajan, S., Hwa-Liang Chiou Waveform-generator-based sine PWM scheme for resonant DC link inverters 68795
Yuvarajan, S., Hwa-Liang Chiou A novel sine PWM scheme using waveform generators 68854
Yuvarajan, S., Quek, D., Weimer, J. Switching characteristics and PSPICE model of an MCT 62730
Yuvarajan, S. *see* Quek, D. 91901
Yuvzhik, O.Yu. *see* Emelyanov, G.M. 62948
Yuwen Hu *see* Hu Yuwen
Yuwen Kuo *see* Chatterjee, M.R. 50451
Yuwen Qin, Jiabin Dai, Jinqi Wang Recursive filtering technique for electronic speckle fringe patterns 57648
Yuwen Shu *see* Shu Yuwen
Yuwu Yu, Harrell, J.W., Doyle, W.D. Ferromagnetic resonance spectra of oriented barium ferrite tapes 63213
Yuxiao Wang *see* Jinhai Si 63948
Yuxiao Wang *see* Jinhai Si 73023
Yuxin Li *see* Bohn, R.G. 100512
Yuxin Li *see* Compaan, A.D. 100491
Yuxin Li *see* Wei Zhao 87338
Yuxing Xia *see* Shangqing Liu 83410
Yuxuan Zhang *see* Rizzoni, G. 68429
Yuyama, S., Ichinose, T., Kimoto, K., Itami, T., Ambo, T., Okado, C., Nakajima, K., Hojo, S., Shinohara, H., Ioka, S., Kuniyoshi, M. A high speed frequency shift method as a protection for islanding phenomena of utility interactive PV systems 100022
Yuyan Liu *see* Liu Yuyan
Yuyan Wu, Iyengar, S.S., Jain, R., Bose, S. A new generalized computational framework for finding object orientation using perspective trihedral angle constraint 95717
Yuyang Jing *see* El-Hawary, F. 95453
Yuying Qin *see* Qin Yuying
Yuying Wu, Ikeda, H., Kodera, H., Yoshida, H., Shinohara, S. Multifrequency parallel signal transmission for use in new optical GPIB 97277
Yuzawa, G. *see* Kameda, H. 89379
Yuzhakov, A.A. *see* Nazarov, A.A. 69687
Yuzhang Wang *see* Wang Yuzhang
Yuzhe Chen, Zhonghua Wu, Agrawal, A., Yaowu Liu, Jiayuan Fang Modeling of Delta-I noise in digital electronics packaging 48688
Yuzhen Sun *see* Sun Yuzhen
Yuzhen Tu *see* Tu Yuzhen
Yuzhen Zhang *see* Zhang Yuzhen
Yuzheng Ding *see* Cong, J. 55214
Yuzheng Ding *see* Cong, J. 80249
Yuzheng Ding *see* Cong, J. 80257
Yuzheng Huang *see* Wei Zhao 87338
Yuzheng Lin *see* Lin Yuzheng
Yuzhi Gao *see* Gao Yuzhi
Yuzuriha, I. *see* Onoda, H. 92203
Yuzuriha, K. *see* Sakamoto, O. 70509
Ywh-Ren Tsai, Jin-Fu Chang Using frequency hopping spread spectrum technique to combat multipath interference in a multiaccessing environment 65576
Ywiao Wang *see* Chunfei Li 83250
Yzuel, M.J. *see* Ahouzi, E. 74320
Yzuel, M.J. *see* Kober, V. 63542
Yzuel, M.J. *see* Turon, F. 51548
Yzuel, M.J. *see* Vazquez, C. 57879
Yzuel, M.T. *see* Ahouzi, E. 84933

Zaabab, A.H., Zhang, Q.J., Nakhla, M. Analysis and optimization of microwave circuits and devices using neural network models 92604
Zaage, S. *see* Groteluschen, E. 51172
Zaage, S. *see* Groteluschen, E. 83725
Zaaiman, W. *see* Ossenbrink, H.A. 100718
Zabal, X. *see* Brill, M.H. 86607
Zabalawi, I.H. *see* Mismar, M.J. 84188
Zabaneh, K. *see* Noe, P. 65979
Zabcic, N. *see* Kustovic, I. 97210
Zabel, I.H.H., Jezek, K.C. Consistency in long-term observations of oceans and ice from space 67848
Zabelin, A.M., Kolpakov, A.A., Korotchenko, A.V., Pivovarova, N.V. Adaptive power stabilization of technological lasers 56637
Zabelin, A.M. *see* Galushkin, M.G. 56630
Zabelin, A.M. *see* Galushkin, M.G. 56631
Zabelin, A.M. *see* Galushkin, M.G. 56835
Zabello, E.P. Multilevel networks for the metering checking and control of power consumption 99594
Zabello, E.P. *see* Dorofbichik, A.N. 99595
Zabello, E.P. *see* Ilin, V.I. 99596
Zabin, S.M., Wright, G.A. Nonparametric density estimation and detection in impulsive interference channels. I. Estimators 57534
Zabin, S.M., Wright, G.A. Nonparametric density estimation and detection in impulsive interference channels. II. Detectors 57535
Zabin, S.M. *see* Wright, G.A. 95585
Zabler, E., Dukart, A., Heintz, F., Krott, R. A non-contact strain-gage torque sensor for automotive servo-driven steering systems 60589
Zabler, E. *see* Dietz, R. 66266
Zablotskii, V.A., Mamalui, Yu.A., Metlov, K.L. Thermodynamics of two-dimensional cellular domain structures 72072
Zabludowski, A., Olszewski, I. The correctness verification of the algorithm of topological structure optimization of non-hierarchical circuit switching network 74874
Zabolotny, M.A., Borolina, N.P. Probability of bound electron-hole pair dissociation in holographic recording media based on amorphous molecular semiconductors films 73146
Zabolotnyi, A.P. *see* Mekhta, P. 80125
Zabolotskii, A.A. *see* Apolonsky, A.A. 56831
Zaboronkova, T.M., Kondrat'yev, I.G., Kudrin, A.V. On the radiation directivity pattern of electric ring currents in a magnetoactive plasma in the whistler frequency range 51210
Zaboronkova, T.M. *see* Zharov, A.A. 64159
Zaborszky, J. *see* Venkatasubramanian, V. 77817
Zaborszky, J. *see* Venkatasubramanian, V. 89045
Zabounidis, C. *see* Capell, W.J. 77331
Zabrodskii, A.G., Andreev, A.G. The hopping conduction of neutron transmuted germanium 49769
Zabuga, A.A. *see* Aminov, R.Z. 89689
Zabytov, Yu.M., Lebskiy, Yu.V., Fedoseyev, L.I., Fel'man, E.N., Gel'fer, A.G. Multibeam superheterodyne receiver for millimeter wave band 97036
Zaccarin, A., Liu, B. Coding of interlaced sequences using a decoder-based adaptive deinterlacer 85028
Zaccarin, A. *see* Deutsch, C. 64689
Zacchetti, N. *see* Arezzo, F. 62452
Zaccone, E. *see* Casanova, G. 78120
Zaccone, H. *see* Gingrich, D. 53291
Zach, F.C. *see* Kolar, J.W. 60322
Zach, F.C. *see* Kolar, J.W. 68732
Zach, F.X. New insights into the compensation mechanism of Fe-doped InP 71104
Zach, M. *see* Lanz, P. 67162
Zach, N. *see* Loibner, A.P. 66514
Zachara, M. *see* Bock, B. 53325
Zacharia, K.P. *see* Nagaraj, G. 86807
Zachariah, K.J. *see* Finch, J.W. 60160
Zachariah, K.J. *see* Flynn, D. 60161
Zachariah, K.J. *see* White, B.J. 59755
Zacharopoulos, V. *see* Kourtis, A. 85989
Zachary, W.W. *see* Weiland, M.Z. 99081
Zachorowski, J. *see* Chalupczak, W. 94661
Zack, T. *see* Hurst, P. 74911
Zacks, J., Thomas, T.R. A new neural network for articulatory speech recognition and its application to vowel identification 73781
Zadeh, M.S., Shabgahi, G.L., Nikravesh, K.Y. A new design for a simulator training operation in power plant 53691
Zadok, E., Dupuy, A. HLFSD: delivering Email to your $HOME 96564
Zadrozny, P.A., Mittnik, S. Kalman-filtering methods for computing information matrices for time-invariant, periodic, and generally time-varying VARMA models and samples 73568
Zaengl, W.S. *see* Satish, L. 50117
Zaets, V.I., Kolokol'tsev, O.V., Gaidai, Yu.A., Solomko, A.A. Wave analysis of quasi-TM/TE modes in magnetooptic waveguides 82752
Zafar, A., Karthikeyan, S., Morel, D.L. Comparison of the properties of F and Al doped ZnO deposited by magnetron sputtering from ZnO and Zn targets 92949
Zafar, M.S. *see* Manzoor, S. 88163
Zafar, S.A. *see* Attar, G. 90432
Zafar H. Jafri S. *see* S. Zafar H. Jafri
Zaff, B.S. *see* McNeese, M.D. 90902
Zaffaroni, A. *see* Guerraggio, A. 69761
Zafiropulo, P. *see* Van As, H.R. 51853
Zafirova, B.S. *see* Andreev, A.T. 56353
Zagan, W. *see* Mazur, J. 69143
Zaganiaris, A., Gieschen, N., Olsen, B.T., Stordahl, K., Tahkorpi, M., Drieskens, M., Ajubulu, A. A methodology for achieving life cycle costs of optical access networks from RACE 2087/TITAN1 52544
Zaganiaris, A. *see* Olsen, B.T. 86380
Zaganiaris, A. *see* Polese, P. 58388
Zagar, B. *see* Manser, H. 69404
Zagar, B.G. A laser-interferometer measuring displacement with nanometer resolution 70201
Zagar, M. *see* Kovac, M. 96725
Zagel, J.R. *see* Halling, A.M. 76461
Zaghlool, M.F. *see* Othman, S.A. 77870
Zaghloul, A.O., Perros, H.G., Viniotis, I. Performance of bus allocation policies for an ATM switch under bursty arrivals and correlated destinations 96149
Zaghloul, H. *see* Fattouche, M. 73588
Zaghloul, M.E. *see* Szu, H.H. 74460
Zaghloul, M.E. *see* Zincke, C. 66232
Zagirnyak, M.V. Design of magnetic systems for electromagnetic pulley separators 73246
Zago, G. *see* Klonz, M. 86898
Zago, G. *see* Pogliano, U. 86895
Zagorski, A., Slowikowski, P. Locally nonlinear planar waveguide with girotropy 63425
Zagorski, R.D. *see* Mitev, K.D. 52768
Zagoruiko, Yu.A., Komar, V.K., Migal, V.P., Chugai, O.N. Single-crystal zinc selenide meters of transmitted power and modulators of laser radiation 56848
Zagoruiko, Yu.A. *see* Kosorotov, V.F. 75950
Zagreev, B.V. *see* Akimov, V.A. 53286
Zagrodny, D. *see* Gajek, L. 69762
Zagrouba, E. *see* Buvry, M. 64671
Zagumennyi, A.I. *see* Jensen, T. 56669
Zagumenyi, A.I. *see* Morris, P.J. 94431
Zagwijn, P.M., Molenbroek, A.M., Vrijmoeth, J., Ruwiel, G.J., Uiterlinden, R.M., ter Horst, J., ter Beek, J., Frenken, J.W.M. Two-dimensional position sensitive detection for medium-energy ion scattering 98597
Zagyi, B. *see* Ziman, J. 72028
Zagzebski, J.A. *see* Jian-Feng Chen 77737
Zah, C.E., Gamelin, J., Pathak, B., Favire, F., Lin, P.S.D., Andreadakis, N.C., Bhat, R., Caneau, C., Curtis, L., Mahoney, D.D., Young, W.C., Lee, T.P. Multiwavelength light source with integrated DFB laser array and star coupler for WDM lightwave communications 97283
Zah, C.E. *see* Hwang, D.M. 61038
Zah, C.E. *see* Kikuchi, K. 63816
Zah, C.E. *see* Uomi, K. 50824
Zah Chung-En *see* Chung-En Zah
ZaharchuK, G. *see* Withers, R.S. 93976
Zahariev, A.L. *see* Dimitrov, D.A. 58680
Zahavi, J. *see* Riabkina-Fishman, M. 93904
Zahedi, A. Conversion of stand-by-generator facilities to combined heat and power units 68481
Zaheer-Uddin, M., Al-Assadi, S.A.K., Patel, R.V. Decentralized preview control for multiple disturbance rejection in HVAC systems 100950
Zaheer-Uddin, M., Zheng, G.R. A VAV system model for simulation of energy management control functions: off normal operation and duty cycling 100956
Zahel, H. *see* Cord, B. 50294

Zahid, H., Chapron, M., Cocquerez, J.-P. 3D reconstruction of buildings using stereovision based on projective geometry 84866
Zahirniak, D., Calvin, J., Rogers, S. Neural network hardware implementation for emitter identification 59645
Zahkor, A. *see* Chang, E. 85055
Zahlmann, P. *see* Hasse, P. 89370
Zahn, D.R.T. *see* Drews, D. 91539
Zahn, D.R.T. *see* Hase, A. 79794
Zahn, D.R.T. *see* Schultz, C. 93044
Zahn, D.R.T. *see* Wagner, V. 61278
Zahn, D.R.T. *see* Wright, A.C. 79836
Zahn, G. *see* Heller, R. 82483
Zahn, M. Transform relationship between Kerr-effect optical phase shift and nonuniform electric field distributions 53006
Zahnow, D. *see* Greife, U. 98550
Zahoransky, R.A. *see* Schaber, K. 76249
Zahorjan, J. *see* Forman, G.H. 52069
Zahorka, O. *see* Mazzola, G. 58613
Zahra, S.A., Nash, S., Bickford, D.J. Creating a competitive advantage from technological pioneering 60816
Zahra, S.A., Sisodia, R.S., Das, S.R. Technological choices within competitive strategy types: a conceptual integration 60842
Zahradka, I. Efficiency of the frequency-hopping links under noise jammer 65575
Zahraee, H.H. The Meek theory and its fundamental limitations 64076
Zahraee, H.H. Proposed theory for streamer-to-leader-transition in non-uniform field air gaps subjected to positive switching-impulses 64077
Zahrai, A. *see* Zrnic, D.S. 75608
Zahraman, K., Guillaume, J.-C., Nataf, G., Beaumont, B., Leroux, M., Gibart, P. High-efficiency $Al_{0.2}Ga_{0.8}As$/Si stacked tandem solar cells using epitaxial lift-off 100553
Zahraman, K., Taylor, S.J., Beaumont, B., Grenet, J.C., Gibart, P., Verie, C. Efficient GaAs tunnel diode as an inter-cell ohmic contact in the tandem $Al_xGa_{1-x}As$/GaAs 100681
Zahurak, J., Iliadis, A.A., Rishton, S.A., Masselink, W.T. Effect of high field electron transport characteristics on transistor performance in InGaAs/InAlAs heterostructures 62891
Zahwi, S.Z., Moussa, A.M., Mekawi, A.M. On the calibration of a stylus type surface roughness measuring instrument interfaces to a microcomputer 75851
Zahzah, E.H. *see* Desachy, J. 95682
Zahzah, E.H. *see* Mascarilla, L. 77308
Zahzah, H.E., Desachy, T. Numeric and symbolic data combination for satellite image interpretation 67894
Zai-Xing Wang *see* Wang Zai-Xing
Zaibel, R., Chernobrod, B.M., Prior, Y. Relaxation oscillations in quasi-single-mode semiconductor lasers 83122
Zaidi, S., Prins, S.L., McNeil, J.R., Naqvi, S.S.H. Metrology sensors for advanced resists 81703
Zaidi, S.H., Brueck, S.R.J. Multiple exposure interferometric lithography 71523
Zaidi, S.H., Frauenglass, A., Brueck, S.R.J. Moire interferometric alignment and overlay techniques 81705
Zaidi, S.M. *see* Lachs, G. 75462
Zaidi, Z.H. *see* Singh, Y.P. 66712
Zaidman, E.G. *see* Jensen, K.L. 62056
Zaiguang Li *see* Li Zaiguang
Zaikin, A.E., Levin, A.V., Petrov, A.L. Influence of laser-induced capillary waves on heat and mass transfer in the arc-augmented laser processing of materials 60946
Zaikin, A.P. Properties of radiation emitted by an oxygen-iodine chemical laser with an unstable telescopic resonator and an exit mirror with a Gaussian reflectivity profile 63654
Zaikin, A.P. Theoretical investigation of radiation spatial properties for chemical oxygen-iodine laser containing Gaussian reflecting mirror 94551
Zaikin, A.P. *see* Mikheyev, P.A. 83215
Zaikin, A.Ye. *see* Grinov, A.Yu. 57210
Zaikin, P.N. *see* Buzynin, A.N. 71766
Zaiko, Yu.N. Oscillations in the length of an RF pulse propagating in a nonuniform transmission line 73345
Zailer, I. *see* Simmons, M.Y. 55622
Zailu Huang *see* Huang Zailu
Zaim, A., Calikoghi, F. A commercially available wide area coverage trunking mobile radio system development 97072
Zaima, E. The recent research trend of insulation reduction in substation equipments 60397
Zaima, E., Sawada, J., Yamada, T. Effectiveness of line arrester on 66 kV transmission line 53827
Zaima, E., Sawada, J., Yamada, T., Irie, T., Ohashi, T., Yoshida, S. Development of suspension-type line arrester 53826
Zaima, S. *see* Koide, Y. 69970
Zainal, A.R., Glover, I.A., Watson, P.A. Rain rate and drop size distribution measurements in Malaysia 73354
Zainud-Deen, S.H., Sharshar, H.A., Awadalla, K.H. Normal mode cross-helix for circular polarization 83856
Zaionchkovskii, V.A. *see* Antipov, V.V. 53863
Zaiping Nie *see* Nie Zaiping
Zaitchenko, A. *see* Badier, J. 87982
Zaitong Lu *see* Lifen Zhang 94546
Zaitsev, A. *see* Ariztizabal, F. 98518
Zaitsev, A.G. *see* Hollmann, E.K. 80750
Zaitsev, A.M. *see* Burchard, B. 82837
Zaitsev, A.M. *see* Varichenko, V.S. 71079
Zaitsev, B.D. *see* Borodina, I.A. 71211
Zaitsev, E.F., Yavon, Y.P., Komarov, Y.A., Guskov, A.B., Kanivets, A.Yu. MM-Wave integrated phased arrays with ferrite control 51257
Zaitsev, M.L. *see* Busyrev, A.I. 53854
Zaitsev, O.A. *see* Astrova, E.V. 56550
Zaitsev, V.V. *see* Berestnev, D.P. 57175
Zaitsev, V.V. *see* Berestnev, D.P. 83729
Zaitsu, T., Inoue, T., Ohnishi, O., Sasaki, Y. 2 MHz power converter with piezoelectric ceramic transformer 49134
Zaitsu, T., Ohnishi, O., Inoue, T., Shoyama, M., Ninomiya, T., Lee, F.C., Hua, G.C. Piezoelectric transformer operating in thickness extensional vibration and its application to switching converter 100296
Zaiyuan Le *see* Le Zaiyuan
Zajac, B.P., Jr. US encryption policy—'the Clipper chip controversy' 54400
Zajac, J. *see* Bednarek, B. 87995
Zajaczkowski, A.M. *see* Mielczarski, W. 100080
Zajc, B. *see* Kuznar, R. 92006
Zajc, B. *see* Kuznar, R. 92107
Zajc, B. *see* Zemva, A. 49304
Zajcyk, R., Garski, W., Olowski, J. Static thyristor excitation and voltage regulation system for a synchronous generator TWW-200-2 100090
Zajicek, M., Rose, C. Evaluation of strategies for replacing mouse action with speech 98979
Zakamaldin, A.A. Test center of the Dinamo Electrical-Engineering Joint-Stock Company 69525
Zakamulin, V.I. *see* Emelyanov, G.M. 62948
Zakarauskas, P. *see* Ozard, J.M. 97448
Zakel, E., Kloeser, J., Distler, H., Reichl, H. Flip-chip bonding on green tape ceramic substrates 81119
Zakel, E. *see* Eldring, J. 55498
Zakgeim, A.L. *see* Kozlovskii, V.V. 55632
Zakharenko, Yu. G. *see* Vitushkin, L.F. 66098
Zakharev, V.V. *see* Khlebalin, Yu.M. 99943
Zakharko, E., Bachevskij, R. Modeling of human perception of pictorial visual information 64641
Zakharov, A.A. *see* Astrov, D.N. 66751
Zakharov, A.N. *see* Bastrikov, A.N. 55515
Zakharov, A.V. *see* Il'chenko, M.E. 61874
Zakharov, V.E. *see* Nazarenko, S.V. 83698
Zakharov, V.V. *see* Khlebalin, Yu.M. 53908
Zakharov, Yu. Holographic testing of relief with the submicron accuracy 73149
Zakharov, Yu. *see* Babin, A. 73150
Zakharov, Yu.I., Petukhov, V.V. Background discrimination in proportional counters doped with acetone vapor 88133
Zakharov, Yu.V., Kodanev, V.P. Experimental study of an underwater acoustic communication system with pseudonoise signals 97365
Zakharova, A., Vasko, F.T., Ryzhii, V. Spin orientation due to longitudinal current and interband tunnelling in narrow-gap heterostructures 81279
Zakhary, S.G. *see* Abdelaziz, M.E. 53279
Zakharyash, V.F. *see* Bagayev, S.N. 86882
Zakhidov, R.A., Koifman, A.I., Smolyak, A.M. Investigation of the ways to raise the stability of silicon photoconverters 60462
Zakhor, A. *see* Chang, E. 86706
Zakhor, A. *see* Cobb, N. 71485
Zakhor, A. *see* Hein, S. 57545
Zakhor, A. *see* Hein, S. 64440
Zakhor, A. *see* Hein, S. 85013
Zakhor, A. *see* Taubman, D. 74330
Zakhor, A. *see* Taubman, D. 84769
Zakhor, A. *see* Taubman, D. 95969
Zakhor, A. *see* Yang, F.S. 95960
Zakhvatkin, M.N. *see* Anashin, V.V. 76538
Zaki, A.M., Eskander, M.N., Elewa, M.M. Control of maximum-efficiency PV-generator irrigation system using PLC 60139
Zaki, K.A. *see* Abdelmonem, A. 61879
Zaki, K.A. *see* Abdelmonem, A. 92480
Zaki, K.A. *see* Hsin-Chin Chang 83788
Zaki, K.A. *see* Hui-Wen Yao 83787
Zaki, K.A. *see* Hui-Wen Yao 92477
Zaki, K.A. *see* Ji-Fuh Liang 70837
Zaki, K.A. *see* Ji-Fuh Liang 92479
Zakis, E., Wittenauer, J.P., Waddick, R.K. Cost-effective scanning applications for document enhancement and drawing file management [for electric utilities] 89070
Zaklad, A.L. *see* Weiland, M.Z. 99081
Zakosarenko, V., Schmidl, A.F., Schneidewind, H., Dorrer, L., Seidel, P. Thin-film DC SQUID gradiometer using a single $YBa_2Cu_3O_{7-x}$ layer 76167
Zakrevskii, L.A., Kalosha, E.P., Kachan, I.V., Khatkevich, N.N., Yarmolik, V.N. Boundary scan and its application to the testing of digital devices 80208
Zakrevskii, L.A. *see* Bykov, Y.V. 91963
Zakrevsky, D.E. *see* Bokhan, P.A. 94357
Zakroischikov, S.N. *see* Golubev, A.N. 86957
Zakrzewski, K., Tomczuk, B. The FDM and BIM methods in 2-D magnetic field calculations of leakage transformers 90054
Zakrzewski, R.R., Mohler, R.R., Kotodziej, W.J. Hierarchical intelligent control with flexible AC transmission systems application 99639
Zakrzewski, Z., Winiarski, B. Influence of leakage inductance on processes in resonant link of PWM inverter 70282
Zakrzewski, Z. *see* Winiarski, B. 70218
Zaks, C. *see* McCarthy, D.K. 83664
Zaks, C. *see* McCarthy, D.K. 83665
Zaks, C. *see* McCarthy, D.K. 83666
Zaks, S. *see* Tel, G. 57929
Zaky, A.A., Megahed, I.Y., Abdallah, M.A. Influence of co-field motion on the conduction current in oil under nonuniform dc fields 82171
Zalamansky, G. *see* Vernotte, F. 86909
Zaldivar, J.S.de *see* de Zaldivar, J.S.
Zalesak, Z., Lehky, P. The effect of the selection of the frost region on investment costs of the construction of low voltage overhead transmission lines 89322
Zalesinski, J. *see* Viswanadham, P. 49715
Zaleski, A., Ioannou, D.E., Campisi, G.J., Hughes, H.L. Successive charging/discharging of gate oxides in SOI MOSFETs by sequential hot electron stressing of front/back channel 93477
Zaleski, A. *see* Sinha, S.P. 93459
Zaleskij, D.Yu. *see* Aksenov, I.I. 70096
Zalesny, A.V. *see* Gimel'farb, G.L. 95680
Zaleta, D., Patra, S.K., Ma, J., Lee, S.H. Misalignment sensitivity analysis of planar optical interconnect systems 82856
Zaleta, D. *see* Fan, J. 56588
Zaleta, D. *see* Takahashi, H. 56941
Zaletaev, N.B. *see* Fouks, B.I. 58758
Zalewski, D. *see* Jachowicz, R.S. 66777
Zalipaev, V.V. *see* Popov, M.M. 51085
Zalkind, S., Pellag, J., Zevin, L., Ditchek, B.M. In situ X-ray diffraction measurements of silicide formation in the Co-Si system 81350
Zalkind, S. *see* Pelleg, J. 81361
Zalm, P.C. *see* van Dort, M.J. 49850
Zalm, P.C. *see* van Dort, M.J. 93121
Zalm, R.A.J.van der *see* van der Zalm, R.A.J.
Zaltsman, A. *see* Brennan, J.M. 67178
Zalucki, Z. Effect of contact gap length on the reignition of high frequency vacuum arcs 90257
Zalucki, Z. Effect of di/dt near current zero on reignition of high frequency vacuum arcs 90258
Zaman, M.R., Moloney, C.R. A comparison of adaptive filters for edge-preserving smoothing of speckle noise 84959
Zamani, N. *see* Lieneweg, U. 62506
Zambelli, M. *see* Wai-Hoi Wong 88412
Zambelli, M. *see* Wai-Hoi Wong 98824
Zambon, P., van der Slot, P.J.M. Design of a 30 GHz Bragg reflector for a Raman FEL 50888
Zamboni, M. *see* Civera, P. 49347
Zambonin, P.G. *see* Palmisano, F. 98132
Zambre, Y. *see* Ayers, W.R. 62128
Zambroni de Souza, A.C., Quintana, V.H. Identification of voltage collapse margins in power systems 99495
Zamir, R., Feder, M. On lattice quantization noise 57406
Zammit, C.C. *see* Stefanyi, P. 53322
Zammit, C.C. *see* Stefanyi, P. 53335
Zamora, J.L. *see* Zazo, A. 60182
Zampardi, P. *see* Liao, H.H. 75491
Zamparelli, E. *see* Bobbio, S. 63263
Zamparelli, E. *see* Bobbio, S. 82233
Zamparelli, E. *see* de Magistris, M. 83616
Zamperoni, P. *see* Cortelazzo, G. 74581
Zampi, P. *see* Di Giuliomaria, C. 99231
Zampini, A. *see* Pandya, A. 81659
Zan, M.M., Metzner, J.J. Protocol for a slotted ring network as an integrated voice and data carrier 85843
Zan Deqen *see* Ao Farliang 96576
Zanatta, A.R., Chambouleyron, I. Nitrogen doping in amorphous semiconductors 49762
Zanatta, A.R. *see* Marcano, G. 56517
Zanchini, E. *see* Barletta, A. 55436
Zand, M. *see* Farhat, H. 92140
Zander, A. *see* Majidi-Ahy, R. 80361
Zander, A.C. *see* Gu, Y. 71885
Zander, H. Photo-compact discs for multimedia systems 58028
Zander, H. Desktop video. 2. Multimedia applications in the video range 86712
Zander, H. Desktop video. I. Multimedia applications in the video domain 86795
Zander, H. Video production for the PC in the low-cost range 97614
Zander, J. LPD properties of adaptive frequency hopping systems for HF communications 96986
Zander, J., Frodigh, M. Comment on "Performance of optimum transmitter power control in cellular radio systems" 86099
Zander, M. Flexure of photomasks in manufacturing and application 62557
Zander, M.E. *see* Sandoval, D.P. 98467
Zander, W. *see* Glyantsev, V.N. 56248
Zander, W. *see* Kunkel, G. 56254
Zander, W. *see* Kunkel, G. 93938
Zandian, M. *see* Arias, J.M. 58753
Zandian, M. *see* Arias, J.M. 91529
Zandian, M. *see* Le, H.Q. 83039
Zandler, G., Di Carlo, A., Vogl, P., Lugli, P. Monte Carlo simulation of minority carrier

transport and light emission phenomena in GaAs devices 63592
Zando, M.E., Bauer, D.A. Baseline performance of a 200 MWt pressurized fluidized bed combustor 89687
Zandolin, S. *see* Calabrese, R. 76741
Zanella, F., Gailus, M. Connector performance with high-speed signals 70972
Zanella, G., Zannoni, R., Dall'Igna, R., Locardi, B., Polato, P., Bettinelli, M., Marigo, A. A new cerium scintillating glass for X-ray detection 59098
Zanella, G. *see* Ottonello, P. 67420
Zanella, G. *see* Ottonello, P. 98530
Zanellato, G. *see* Rasaminjanahary, J.F. 75129
Zanellato, G. *see* Renard, J.-P. 74892
Zanelli, C.I., DeMarta, S., Hennige, C.W., Kadri, M.M. Beamforming for therapy with high intensity focused ultrasound (HIFU) using quantitative schlieren 98940
Zanello, D. *see* Bini, C. 98418
Zanello, D. *see* Carugno, G. 67326
Zanello, L. *see* Moers, T. 67364
Zaneski, G. *see* McAndrew, C.C. 62752
Zanettin, A. *see* Lefort, E. 85820
Zanevsky, Yu.V. *see* Chernenko, S.P. 87999
Zang, D.Y., Le, P., Tsai, C.S. Anomalous photoconductivity in $LiNbO_3$ proton-exchanged channel waveguides 72567
Zang, E. *see* Shimokohbe, A. 87509
Zang Er Jun *see* Er Jun Zang
Zang Li-Peng, Li Li-Mei Multi-speaker speech recognition with neural network 73912
Zang Xi-Guang *see* Xi-Guang Zang
Zangi, K.C. A new two-sensor active noise cancellation algorithm 84219
Zangi, K.C. *see* Oppenheim, A.V. 51468
Zangrando, D., Walker, R.P. Magnetic measurement and alignment of the ELETTRA storage ring quadrupole, sextupole and steerer magnets 76681
Zangrando, D. *see* Walker, R.P. 67242
Zangrando, D. *see* Walker, R.P. 76682
Zaninelli, D. *see* Berizzi, A. 67977
Zaninelli, D. *see* Berizzi, A. 77882
Zaninelli, D. *see* Castelli-Dezza, F. 78181
Zaninelli, D. *see* Montanari, G.C. 69224
Zaninovich, J.J. *see* Kosbar, K.L. 86055
Zankel, K. *see* Anderson, B.E. 88246
Zanming Wang *see* Andree, W. 90648
Zannoni, R. *see* Ottonello, P. 67420
Zannoni, R. *see* Ottonello, P. 98530
Zannoni, R. *see* Zanella, G. 59098
Zanobini, A. *see* Arri, E. 97759
Zanolini, G. *see* Decina, M. 52178
Zanoni, E., Crabbe, E.F., Stork, J.M.C., Pavan, P., Verzellesi, G., Vendrame, L., Canali, C. Measurements and simulation of avalanche breakdown in advanced Si bipolar transistors 62725
Zanoni, E., Neviani, A., Tedesco, C., Manfredi, M., Canali, C. Experimental characterization of hot-electron-induced effects and light emission in heterostructure devices 62186
Zanoni, E. *see* Canali, C. 81827
Zanoni, E. *see* Tedesco, C. 93328
Zanoni, E. *see* Verzellesi, G. 62709
Zanotti, L. *see* Alessandrello, A. 59163
Zanotti, L. *see* Alessandrello, A. 88147
Zanotti, L. *see* Nava, F. 98507
Zant, H.S.J.van der *see* van der Zant, H.S.J.
Zante, T. *see* Whitham, K. 67008
Zante, T. *see* Whitham, K. 67009
Zanutto, S.B. *see* Aronson, L. 77073
Zanzi, I. *see* Dhawan, V. 88450
Zao, M. *see* Zhang, Q. 49017
Zao-Cheng Zhai, Jin-Lun Hu, Chuan-Fu Lin, Guan-Zong Wang, Su-Guang Jian Recent experimental results on hydrogen masers and time and frequency service system at Shanghai Observatory 58978
Zaowen Zhuang *see* Zhuang Zaowen
Zapalac, G. *see* Shapiro, G. 76455
Zapata, E.L. *see* Pena, T.F. 81756
Zapata, G., J.A. *see* Ramos Niembro, G. 77971
Zapata, J. *see* Montejo-Garai, J. 70722
Zapata, L.E. *see* Hackel, L.A. 72668
Zapata-Navarro, A., Zapata-Torres, M., Sosa, V., Bartolo-Perez, P., Pena, J.L. CdTe oxide films grown by radio frequency sputtering utilizing argon-nitrous oxide plasma 55562
Zapata-Torres, M. *see* Zapata-Navarro, A. 55562
Zapella, P.I. *see* Scutero, M.J. 58780
Zapevalov, V.E., Kuftin, A.N., Lygin, V.K., Tsimring, Sh.E. Numerical simulation and experimental study of magnetron injection guns of high-power shortwave gyrotrons 49743
Zapevalov, V.E., Malygin, S.A., Tsimring, Sh.E. High-power gyrotron at second harmonic of cyclotron frequency 81144
Zaplatilek, K. Numerical Laplace inversion using Chebyshev approximation 61484
Zaplatin, N.L. *see* Alenitckiy, Yu.G. 94015
Zaplatosch, T. *see* Moghbelli, H. 68293
Zapolsky, V.N., Chesnokov, Yu.A., Dyshkant, A.S., Galyaev, N.A., Kotov, V.I., Kryshkin, V.I., Rzaev, R.A., Sulyaev, R.M., Tsank, S.V., Zarucheisky, V.G. IHEP polarized proton beam 66975
Zaporozhets, A.A. *see* Westcott, B.S. 83844
Zappa, F., Lacaita, A., Cova, S., Webb, P. Nanosecond single-photon timing with InGaAs/InP photodiodes 63575
Zappa, F. *see* Lacaita, A. 94273
Zappala, G. *see* Recupero, V. 60431
Zappe, H.P., Arnot, H.E.G., Kunz, R.E. Technology and devices for hybrid and monolithically integrated optical sensors 58736
Zappe, H.P., Arnot, H.E.G., Kunz, R.E. Technology for III-V-based integrated optical sensors 97948
Zappe, H.P. *see* Hofstetter, D. 94528
Zappelli, L. *see* De Leo, R. 80555
Zappelli, L. *see* Pierantoni, L. 51088
Zappitelli, E. *see* Ferrero, A. 89384
Zapryagaev, I. *see* Nezhevenko, O. 76375
Zaquine, I. *see* Murgulescu, M.-H. 49636
Zaquine, I. *see* Murgulescu, M.-H. 70861
Zaquine, T. *see* Murgulescu, M.-H. 92601
Zarbin, A.J.G., Alves, O.L. A new route for the obtention of cadmium antimony oxide semiconducting ceramic powders 54983
Zarcone, M.J., Steski, D.B., Smith, K.S., Thieberger, P. Further development with heavy ion sources at Brookhaven National Laboratory's Tandem van de Graaff Facility 76730
Zardas, G.E. *see* Euthymiou, P.C. 62871
Zardini, Ch. *see* Woirgard, E. 81104
Zarebski, J. The time-dependence calculations of the junction temperature of semiconductor devices 62639
Zarecka, R. *see* Sosin, T.P. 66212
Zaremba, M. *see* Ortiz, C. 89943
Zaremba, M.B., Porada, E., Bock, W.J. An approximation network for measurement systems 66702
Zaremba, M.B. *see* Urbanczyk, W. 52897
Zaremba, M.B. *see* Urbanek, P. 90643
Zaretskaya, E.P. *see* Gremenok, V.F. 49789
Zaretskaya, E.P. *see* Gremenok, V.F. 62208
Zargari, N.R., Joos, G. A current-controlled current source type unity power factor PWM rectifier 68716
Zargari, N.R., Joos, G. A near unity power factor input stage with minimum control requirements for AC drive applications 69075
Zargari, N.R., Joos, G. A three-phase current-source type PWM rectifier with feed-forward compensation of input displacement factor 100286
Zargari, N.R., Joos, G. Performance investigation of a current-controlled voltage-regulated PWM rectifier in rotating and stationary frames 100319
Zargari, N.R., Joos, G., Ziogas, P.D. Input filter design for PWM current-source rectifiers 60355
Zargari, N.R., Joos, G., Ziogas, P.D. A performance comparison of PWM rectifiers and synchronous link converters 90161
Zargari, N.R. *see* Insleay, A. 100295
Zarghamee, M.S. *see* Antebi, J. 66012
Zarghamee, M.S. *see* Brenner, M.J. 58531
Zarghamee, M.S. *see* Ingalls, R.P. 58532
Zari, M.C. *see* Anderson, C.S. 52632
Zarifi, A., Jones, R. Automated measurement of golf balls using machine vision assistance 87498
Zaring, C. *see* Hult, M. 49817
Zaring, C. *see* Johnston, P.N. 48992
Zaripov, F.Sh., Smirnov, A.V. Method for studying the reflected field from a spherical diffraction grating 51067
Zaripov, Sh.Kh. *see* Cherepenin, N.D. 83216
Zaritskii, G.A. *see* Andreev, P.V. 60074
Zarki, M.El *see* El Zarki, M.
Zarnowski, J., Carbone, J., Carta, R., Pace, M. Radiation tolerant CID imager 66475
Zarour, R., Mouftah, H.T. The closed loop bridged shuffle-exchange network: a high performance self-routing ATM switch 96148
Zarowin, C.B. Robust, noniterative, and computationally efficient modification of van Cittert deconvolution optical figuring 95638
Zarowitz, B.J., Peterson, E.L., Robert, S. Characterization of drug disposition and dosing using bioelectrical impedance 67567
Zarowski, C.J. A divisionless form of the Schur Berlekamp-Massey algorithm 73613
Zarr, R. *see* Bowen, L. 68981
Zarrabi, J.H. *see* Gavrilovic, P. 83010
Zarrad, H. *see* Clechet, P. 90320
Zarraoa, N. *see* Sardon, E. 77344
Zarrinfar, F. Economics of "design for test" to remain competitive in the 90s 79284
Zarro, M.S. *see* Rozario, N. 57309
Zarrop, M.B. *see* Kerestecioglu, F. 54573
Zarros, P.N., Lee, M.J., Saadawi, T.N. Statistical synchronization among participants in real-time multimedia conference 65457
Zarschizky, G., Gerndt, Ch., Honsberg, M., Schneider, W., Stemmer, A. Optical clock distribution with a compact free space interconnect system 94305
Zarubin, A.M. Noise power spectra of holographic silver-halide and photothermoplastic recording materials 56955
Zarubin, A.M. *see* Aver'yanov, S.G. 83342
Zarubin, L.A. *see* Amosov, A.F. 99952
Zarubin, P.I. *see* Afanasiev, S.V. 52771
Zarucheisky, V.G. *see* Zapolsky, V.N. 66975
Zarzo, A., Dehesa, J.S. Spectral properties of solutions of hypergeometric-type differential equations 69882
Zarzycki, J. *see* Larrue, D. 72711
Zas, E. *see* Gomez, F. 59157
Zasadzinski, J.A.N. *see* Garnaes, J. 71013
Zasadzinski, M. *see* Darouach, M. 64891
Zasadzinski, M. *see* Darouach, M. 84235
Zaskalicky, P. *see* Sargos, F.M. 68560
Zastavny, Yu.V. *see* Glebov, V.N. 58794
Zastre, M. *see* Atkins, M.S. 53416
Zasypkin, E.V. *see* Antakov, I.I. 62108
Zatari, D., Botros, N., Dunn, F. In vivo liver differentiation by ultrasound using an artificial neural network 76936
Zatlkajova, H. *see* Suchomel, J. 78334
Zatman, M., Strangeways, H. The effect of the covariance matrix of ionospherically propagated signals on the choice of direction finding algorithm 95456
Zato, T. *see* Cherrick, S. 97597
Zatopek, J. *see* Burgett, W. 98480
Zatopek, J. *see* McInturff, A.D. 76652
Zatroch, M., Petrovic, P., Kovak, J. Magnetic properties and hydrogen induced changes of amorphous $Fe_{80}Cr_{10}Zr_{10}$ alloys 72010
Zatrudina, R.Sh. *see* Anikeev, B.V. 72662
Zatsepin, G.T. *see* Aglietta, M. 67318
Zatsepin, G.T. *see* Barabanov, I.R. 59170
Zaumen, W.T. *see* Garcia-Luna-Aceves, J.J. 65323
Zaumseil, P. *see* Osten, H.J. 61315
Zauner, M., Holzl, J., Kopacek, P. A modular "low cost" CAQ system 65339
Zavada, J.M., Wilson, R.G., Abernathy, C.R., Pearton, S.J. Hydrogenation of GaN, AlN, and InN 55707
Zavadil, K.R., Ashby, C.I.H., Howard, A.J., Hammons, B.E. Ultraviolet photosulfidation of III-V compound semiconductors for electronic passivation 93201
Zavadil, K.R. *see* Ashby, C.I.H. 49905
Zavadil, R. *see* Ball, G.J. 78722
Zavadil, R.M. *see* Goodman, F.R., Jr. 100014
Zavala, S.A. *see* Hotz, D.F. 75912
Zavaliagkos, G., Schwartz, R., Makhoul, J. Elliptical basis functions for segment modeling 73811
Zavalov, Yu.N. *see* Averbukh, B.B. 56638
Zavalova, V.E. *see* Galushkin, M.G. 56631
Zavalova, V.E. *see* Vasiltsov, V.V. 56629
Zavartsev, Yu.D. *see* Morris, P.J. 94431
Zavarzin, V.G. *see* Aksenov, G.A. 52770
Zavarzina, O.L. *see* Nechiporenko, I.N. 94757
Zavetova, M. *see* Zemek, J. 48993
Zavis, W.M. Enhancements to microprocessor-based tripping systems for low voltage power circuit breakers 68310
Zavody, A.M., Gorman, M.R., Lee, D.J., Eccles, D., Mutlow, C.T., Llewellyn-Jones, D.T. The ATSR data processing scheme developed for the EODC 77449
Zavody, A.M. *see* Llewellyn-Jones, D.T. 77514
Zavorotnij, V.F. *see* Poplavko, Y.M. 82188
Zavosh, F., Aberle, J.T. Infinite phased arrays of cavity-backed patches 51258
Zavosh, F. *see* Aberle, J.T. 51252
Zavrtanik, M. *see* Adam, W. 88114
Zav'yalov, M.A. *see* Batskikh, G.I. 81145
Zav'yalov, M.A. *see* Gavrilov, N.V. 49741
Zawadzki, C. *see* Keil, N. 50548
Zawadzki, C. *see* Keil, N. 86025
Zawadzki, J., Szymczak, R., Zvezdin, A.K., Krynetski, I. Phase diagrams of anisotropic ferrimagnet $HoCo_3Ni_2$ with $T_{comp}=T_{SR}$ 72073
Zawaydeh, S. *see* Maji, A.K. 73159
Zayats, A.V. *see* Vinogradov, E.A. 73089
Zayats, V.M., Sinitskii, L.A. On power dissipation in generator circuits during transistor switching 80183
Zayed, H.A., Abo-Elsoud, A.M., Mansour, B.A., Ibrahim, A.M. Dependence of transport and optical properties of amorphous SbSe films on temperature of heat treatment 62203
Zayezdny, A., Tiunov, S., Bronstein, A. Extrapolation of real-time processes by their structural properties 74030
Zayhowski, J.J., Dill, C., III Diode-pumped passively Q-switched picosecond microchip lasers 94376
Zaytsev, S.I., Stepanov, N.S., Shafrov, A.V. On the signals received from a moving source in a magnetized plasma 94851
Zaytseva, Ye.M. *see* Bovbel', Ye.I. 97397
Zaza, G. *see* Bombana, M. 55049
Zazanis, M.A., Suri, R. Perturbation analysis of the GI/GI/1 queue 91207
Zaznova, N. *see* Baums, A. 96732
Zazo, A., Zamora, J.L., Rouco, L., Pagola, F.L. Identification of excitation systems from time response tests 60182
Zazoui, M., Bourgoin, J.C., Stievenard, D., Deresmes, D., Strobi, G. Recombination centers in electron-irradiated Czochralski silicon solar cells 90396
Zazulya, O.I. *see* Chvykov, V.V. 98948
Zbasnik, J. *see* Leung, K.K. 76662
Zbasnik, J. *see* McInturff, A.D. 87671
Zbasnik, J. *see* Shu, Q.S. 87932
Zbasnik, J. *see* Wanderer, P. 82422

Zbasnik, J.P. *see* Hassenzahl, W.V. 82468
Zboray, L. State control design with observer for a permanent-magnet synchronous motor 68574
Zboray, L. System order reduction for the cascade control structure 100864
Zborovskii, I.A. State of the art in the design of rectifier converters in two back-to-back configuration 80116
Zbytniewski, J., Cooper, C. CNDs and RTOKs: are we addressing these problems correctly? 88688
Zdarko, R. *see* Bisello, D. 59138
Zdasiuk, G. *see* Bandy, S. 62086
Zdasiuk, G. *see* Majidi-Ahy, R. 80361
Zdenkovic, J., Kulic, Z., Canic, S., Klobucar, V., Perkovac, M. Speed estimation method in vector controlled induction machine drive without shaft encoder 69061
Zdepski, J. *see* Melamed, B. 96749
Zdesenko, Yu.G. *see* Alessandrello, A. 59163
Zdrok, A.G., Shamarin, A.V., Zdrok, S.A. Energy indices of rectifier converters for charging accumulator batteries 60293
Zdrok, S.A. *see* Zdrok, A.G. 60293
Ze-Min Liu *see* Liu Ze-Min
Ze-Nian Li, Tong, F. Variable-resolution motion stereo using reciprocal-wedge transform 95703
Ze-Nian Li *see* Tong, F. 96079
Ze-Sun Jain *see* Chau, Y.A. 84894
Zeakes, J.S. *see* Gunther, M.F. 94117
Zebarth, J.A. Let me be me [video telephony and teleconferencing tests] 75100
Zebda, Y., Kasaimeh, O. Frequency and time response of PIN photodiode 50683
Zebda, Y., Qasaimeh, O. Effect of impact ionization coefficient ratio on gain and frequency response of an avalanche photodiode 72585
Zebda, Y., Qasaimeh, O. Frequency response and quantum efficiency of PIN photodiode 94266
Zebker, H. *see* Moghaddam, M. 77587
Zebker, H.A., Werner, C.L., Rosen, P.A., Hensley, S. Accuracy of topographic maps derived from ERS-1 interferometric radar 77324
Zebo Lin *see* Lin Zebo
Zebo Peng *see* Xinli Gu 91749
Zebrowski, J.J. SMT product quality improvement: methodologies and data analysis 91122
Zech, G. *see* Schmidt, S. 76792
Zech, H. Exact analytical expressions for output power and threshold of erbium-doped fibre Fabry-Perot lasers 72783
Zechang Sun, Dejian Chen, Yanhang Li High performance rare-earth brushless drive system using IGBT-PWM inverter 100810
Zeddam, A. Protection of telecommunications equipment against lightning 74827
Zedel, L. Deep ocean wave measurements using a vertically oriented sonar 88814
Zee, E. *see* Ching, P.C. 95294
Zeeb, E. *see* Fiedler, U. 72970
Zeeb, E. *see* Fiedler, U. 97230
Zeeb, E. *see* Moller, B. 83095
Zeeb, E. *see* Moller, B. 83157
Zeeberg, B.R. *see* Kim, H.-J. 59318
Zeevi, Y.Y. *see* Zibulski, M. 57556
Zeferino, C.A. *see* Pinheiro, H. 90473
Zeffane, R. Computer usage and job satisfaction: an empirical exploration 74771
Zefkili, S., Kappas, C., Rosenwald, J.-C. On-axis and off-axis primary dose component in high energy photon beams 67618
Zeger, K., Bist, A., Linder, T. Universal source coding with codebook transmission 51352
Zeger, K., Gersho, A. Number of nearest neighbors in a Euclidean code 95198
Zeger, K. *see* Linder, T. 64305
Zeger, K. *see* Linder, T. 73716
Zegers, P. *see* Patil, P. 60571
Zeghlache, H. *see* Dambly, L. 56858
Zegura, E.W. An improved model for evaluating blocking probability in generalized connectors 64924
Zegzhda, P.D. To the construction of the universal design problems decider possibility 69520
Zegzhda, P.D. *see* Shmakov, E.M. 75940
Zehavi, A. *see* Jaeger, M. 79227
Zehavi, E. *see* Kofman, Y. 51349
Zehavi, E. *see* Viterbi, A.J. 58341
Zehavi, E. *see* Viterbi, A.J. 97051
Zehentner, J., Zornig, P. Longitudinal current density on out- and inside cylindrical microstrip lines 73423
Zehetner, H. New transmitting antenna for terrestrial television at 2.6 GHz 58558
Zehnder, A. *see* Scherschel, M. 67289
Zehnder, T., Blatter, A., Bachli, A. SiC films prepared by pulsed excimer laser deposition 48979
Zehnder, U. *see* Waag, A. 69995
Zehngut, D. *see* Abt, N.E. 82181
Zeidler, J. *see* Bond, J. 95566
Zeidler, J.R. *see* Kay-Cheung Chew 74186
Zeidler, J.R. *see* North, R.C. 95559
Zeidler, J.R. *see* Soni, T. 84285
Zeigarnik, Yu.A. *see* Batenin, V.M. 89703
Zeigarnik, Yu.A. *see* Epifanov, V.M. 99951
Zeigler, J.C. *see* Peck, S.D. 89290
Zeigler, R. *see* Shea, J.J. 66114
Zeijts, J.Van *see* Van Zeijts, J.
Zeilberger, D. Proof of a q-analog of a constant term identity conjectured by Forrester 54673
Zeiler, J. *see* Williams, D. 70681
Zein, D.A., Engel, O.P., Ditlow, G. Algorithms for the design verification of bipolar array chips 82057
Zein, G.El *see* El Zein, G.
Zein, N.F., Clarkson, T.G. Performance of pilot symbols assisted modulation for Reed-Solomon coded frequency hopped system 51337
Zein, T. *see* Dosiere, F. 75297
Zein-Sabatto, S., Kuah, K., Hajeomar, R., Bodruzzaman, M. An intelligent vision system for motion detection using a neural network 84857
Zein-Sabatto, S. *see* Kuah, K. 84145
Zeindl, H.P. *see* Gaworzewski, P. 71155
ZeinElDine, O., Eltoweissy, M., Abdel-Wahab, H. BUS: a multicasting protocol for interconnected LANs 65049
Zeinert, A., Benalloul, P., Benoit, J., Barthou, C., Gumlich, H.-E. Influence of ultraviolet irradiation on excitation efficiency and space charge in ZnS thin-film electroluminescent devices 81240
Zeinert, A., Bennalloul, P., Benoit, J., Barthou, C., Gumlich, H.-E. Space charge and excitation efficiency in ZnS thin film electroluminescent devices 72614
Zeira, A., Friedlander, B. Direction estimation using time-varying arrays 95538
Zeira, A., Schultheiss, P.M. Realizable lower bounds for time delay estimation. 2. Threshold phenomena 64423
Zeira, A., Zeira, E.M., Holland, S.K. Pseudo-Wigner distribution for analysis of pulsed Doppler ultrasound 59357
Zeira, E.M. *see* Zeira, A. 59357
Zeise, F.F. *see* Guilfoyle, P.S. 82786
Zeise, J.F. On the road to higher voltage 78071
Zeisel, D., Hampp, N. Dynamic self-pumped phase-conjugating mirror based on the bacteriorhodopsin variant D96N 94592
Zeiske, K. *see* Riehle, F. 86874
Zeitlin, C.J., Frankel, K.A., Gong, W., Heilbronn, L., Lampo, E.J., Leres, R., Miller, J., Schimmerling, W. A modular solid state detector for measuring high energy heavy ion fragmentation near the beam axis 87954
Zeitnitz, C., Gabriel, T.A. The GEANT-CALOR interface and benchmark calculations of ZEUS test calorimeters 98646
Zeitnitz, O. *see* Beier, T. 53305
Zeitnitz, O. *see* Grafstrom, P. 76786
Zeitoun, P. *see* Jamelot, G. 50729
Zeitoun, P. *see* Rus, B. 50724
Zeitoun, R. WARC-92 and the implications for digital audio broadcasting 97518
Zeitouni, O. *see* Dudley, R.M. 73584
Zeitz, R. *see* Biermann, W.-D. 57208
Zejda, J. *see* Cerny, E. 92015
Zejian Liu, Tianrong Zhou Verification testing of sequential circuits using hierarchical models 80252
Zekentes, K. *see* Georgakilas, A. 81272
Zekentes, K. *see* Mosser, V. 66245
Zelanzy, M. *see* Allison, S. 87623
Zelaya-Angel, O. *see* De Melo, O. 79871
Zelazny, M. *see* Crane, M. 75011
Zeldina, E.A. *see* Gorsky, O.I. 82514
Zel'dovich, B.Ya. *see* Baranova, N.B. 53094
Zel'dovich, B.Ya. *see* Churikov, V.M. 63973
Zel'dovich, B.Ya. *see* Goosev, I.V. 94640
Zel'dovich, B.Ya. *see* Murazyan, A.L. 50952
Zele, R.H., Allstot, D.J. Low-voltage fully differential switched-current filters 49536
Zelenka, J. The influence of the electric stiffening on the resonant frequency temperature dependence of quartz resonators 56178
Zelenka, R.E. *see* Swenson, H.N. 67685
Zelenov, E.V. *see* Vasiltsov, V.V. 56629
Zelenov, E.V. *see* Vasiltsov, V.V. 56633
Zelenski, A.N., Levy, C.D.P., Schmor, P.W., van Oers, W.T.H., Dutto, G., Mori, Y. Proposal for a pulsed optically pumped polarized H^- ion source for high energy accelerators 76746
Zelezny, V. *see* Zemek, J. 48993
Zelger, J. On the road to quality management: some basic philosophical concepts 60988
Zeliasky, A.Yu. *see* Gladkikh, P.I. 66899
Zelikson, M. *see* Haridim, M. 62149
Zelingher, S. *see* Meliopoulos, A.P.S. 77868
Zelinskiy, A. *see* Androsov, V. 76390
Zelinskiy, D.I. Estimating the error in calculating the actual interference immunity of a frequency-time code receiver 64897
Zelinsky, A. *see* Bar'yakhtar, V. 67407
Zeljeznov, M. *see* Bulc, A.M. 72264
Zell, G. *see* Chen, T.H. 80838
Zelle, J. *see* Arseneau, R. 86935
Zeller, C. *see* Ransom, C.M. 55590
Zeller, M.E. *see* Dhawan, S.K. 98579
Zelli, C. *see* Dionisio, C. 65894
Zellini, P. *see* Bevilacqua, R. 79701
Zellner, B. CCVS + Component Generator SAF and CCVS Generator SFF: the allrounders for analog and digital TV measurements 52975
Zelmon, D.E. *see* Ramabadran, U.B. 83261
Zelmon, D.E. *see* Walker, F.J. 82662
Zelnio, E.G. *see* Jian Li 75570
Zeltsburg, L.M. The paradoxes of economic current density problems and their solutions 99593
Zeltwanger, H. Controller area network (CAN) controllers 49496
Zelubowski, S.A. Low cost antenna alternatives for automotive radars 64232
Zelyk, Ya.I. Restoring an acoustic field from discrete measurements by approximating it by a series of functions 64517
Zelynsky, A. *see* Efimov, S. 76546
Zema, N. *see* Bahr, C.C. 81519
Zeman, M., Willemen, J.A., Solntsev, S., Metselaar, J.W. Extraction of amorphous silicon solar cell parameters by inverse modelling 100605
Zeman, M. *see* Tao, G. 100587
Zemanek, I. *see* Havlicek, V. 66658
Zemanek, P., Lazar, J. Use of the beat frequency between two modes for frequency stabilization of internal-mirror lasers 94562
Zemanian, A.H. Uncountable transfinite graphs and electrical networks 91261
Zemcik, P., Dagless, E.I. Printing grey scale images on a fax machine 65228
Zemek, J., Cerny, F., Zavetova, M., Vanecek, M., Zelezny, V. Silicon nitride films prepared by high energy ion beam enhanced deposition 48993
Zemek, J. *see* Simsa, Z. 72031
Zemel, A. *see* Sarusi, G. 82824
Zemin Liu *see* Jianhua Wu 84561
Zemke, D., Gerlach, P., Zulehner, W., Jacobs, K. Investigations on the correlation between growth rate and gate oxide integrity of Czochralski-grown silicon 48898
Zemon, S., Budman, A., Wei, T., Eichen, E., Ma, K.T. Decay of transmitted light during fiber breaks—implications for break location 94065
Zemor, G. Threshold effects in codes 73656
Zemor, G. Hash functions and Cayley graphs 83972
Zemor, G. *see* Cohen, G. 73655
Zemor, G. *see* Tillich, J.-P. 73641
Zemor, G. *see* Cohen, G. *(editor)* 60772
Zemskii, V.I., Veresov, A.V., Ershov, A.Yu., Kolesnikov, Yu.L. Luminescence oxygen sensor 76103
Zemskov, K.I. *see* Chvykov, V.V. 98948
Zemskov, K.I. *see* Kazaryan, M.A. 64028
Zemtsovskii, S.I. *see* Bogdanov, Yu.I. 81389
Zemva, A., Brglez, F., Kozminski, K., Zajc, B. A functionality fault model: feasibility and applications 49304
Zen, H., Kim, S.H., Jang, J.H., Chun, H.S., Lee, C.H. A new digital camera processor with separated Y and C gamma control 86788
Zen Chen, Chao-Ming Wang A two-parameter generate-and-test method for camera parameter estimation with any planar calibration object 95731
Zen Chen, Tsorng-Lin Chia, Shinn-Ying Ho Measuring 3-D location and shape parameters of cylinders by a spatial encoding technique 95734
Zenatti, D., Radisson, P. MCT TDI arrays producibility 91530
Zendri, J.P. *see* Cerdonio, M. 50404
Zendri, J.P. *see* Falferi, P. 82510
Zenfu Peng *see* Peng Zenfu
Zeng, B., Venetsanopoulos, A.N. A JPEG-based interpolative image coding scheme 85032
Zeng, B. *see* Laakso, T. 49557
Zeng, D.C. *see* Liu, J.P. 72014
Zeng, G.L., Gullberg, G.T. A backpropagation filtering algorithm for cone beam tomography 59317
Zeng, G.L., Gullberg, G.T. A ray-driven backprojector for backprojection filtering and filtered backprojection algorithms 95490
Zeng, G.L. *see* Gullberg, G.T. 59337
Zeng, G.L. *see* Weng, Y. 59294
Zeng, J., Mawby, P.A., Towers, M.S., Board, K., Hu, Z.R. Design of IGBTs for latch-up free operation 55949
Zeng, J. *see* Randrianarivony, A. 91278
Zeng, L., Matsumoto, H. Compensation of the air turbulence by two-color method for straightness measurement 87503
Zeng, W.J., Huang, Y.F., Huang, S.C. Greedy tree growing algorithms for designing variable rate vector quantizers 85059
Zeng, X., Bowron, P., Muhieddine, A.A. Nonlinear distortion prediction of active filters 49534
Zeng Bing *see* Bing Zeng
Zeng Guoliang *see* Guoliang Zeng
Zeng Hoping *see* Hoping Zeng
Zeng Jinchuan, Guo Hengqun, Ye Tianshui, Chen Liangkun, Wang Jiaxian, Liu Taishan Test and study of the transient photoconduction of a-CdSe fast photodetector 72561
Zeng Linna *see* Gu Gendai 53601
Zeng Nanchao, Wang Mingxin Fault analysis for ±500 kV GE-NAN HVDC link in 1991 53729
Zeng Nanchao *see* Wang Mingxin 53735
Zeng Nanchao *see* Nanchao Zeng
Zeng Qingchuan *see* Wei Liutao 53701
Zeng Weiliang, Yan Gongbiao, Wu Zhaotong Technology for measuring differential chain error of gear-hobbing machines with microcomputer 52753
Zeng Wen Xing Guangdong Daya Bay Nuclear Power Station project 89456
Zeng Wen-Sheng *see* Lin Wei-Zhu 50751
Zeng Xian yun *see* Li Xixiong 100152

Zeng Xiaojun, Hong Zhiliang, Ren Junyan, Miao Guoqing, Cheng Guoqing, Cao Xianguo A receiver-stimulator IC for a multiple-channel electronic cochlea 98953
Zeng Xingwen, Yin Weiyi The rapid synchronization of burst communications by SAWTDL 84566
Zeng Xuegang, Lin Weigan, Ruan Cheng An analytic solution of the electromagnetic scattering by a coated prolate spheroid and the calculations of the far field scattering cross sections 94780
Zeng Yigen *see* Yigen Zeng
Zeng Yueming *see* Yu Changguan 77789
Zeng Zhao-hui *see* Zhou, E. 89723
Zeng Zheng *see* Lin Jian 81830
Zeng Zhonggang *see* Zhonggang Zeng
Zenghai Li, Bisognano, J.J., Yunn, B.C. Transport properties of the CEBAF cavity 66894
Zenghuang Liu *see* Liu Zenghuang
Zengji Liu *see* Liu Zengji
Zengjun Xiang, Guangguo Bi Polynomial perceptron with its applications to M-QAM digital mobile radio reception systems 97102
Zengjun Xiang, Guangguo Bi, Tho Le-Ngoc Polynomial perceptrons and their applications to fading channel equalization and co-channel interference suppression 84365
Zengliang Yu *see* Yu Zengliang
Zengquan Wei *see* Wei Zengquan
Zeni, L. *see* Breglio, G. 87409
Zeni, L. *see* Cutolo, A. 72980
Zenios, S.A. *see* Malcolm, S.A. 89182
Zenkevich, A.V. *see* Maksimov, S.K. 92976
Zenkevich, P. *see* Kurokawa, S. 76551
Zenkevitch, V.B. *see* Lin, L.Z. 94024
Zenkevitch, V.B. *see* Yan, L.G. 90456
Zenkov, L.P. *see* Bel'skii, Yu.L. 88496
Zenobio, D.Di *see* Di Zenobio, D.
Zensing Deng, Ching-Sen Chen A method to obtain the kinematic structure of a squall line derived from dual-Doppler radar in a terrain-following coordinate system 99182
Zent, G. *see* Wang, S. 58472
Zentko, A. *see* Yurkin, I.M. 71945
Zentner, A. *see* Barak, J. 70379
Zentner, E. Characteristics of complex codes for pulse compression radar 97396
Zenya, V.Ya.Maier *see* Maier Zenya, V.Ya.
Zenyin Wen *see* Wen Zenyin
Zenzie, H.H., Moulton, P.F. Tunable optical parametric oscillators pumped by Ti:sapphire lasers 64004
Zepf, J., Rufa, G. Congestion and flow control in Signaling System No. 7—impacts of intelligent networks and new services 52247
Zeppenfeld, T., Houghton, R., Waibel, A. Improving the MS-TDNN for word spotting 84072
Zeppenfeldt, F.O. *see* Looyen, W.J. 67895
Zeppenfeldt, F.O. *see* Looyen, W.J. 77618
Zepter, P., Grotker, T. Generating synchronous timed descriptions of digital receivers from dynamic data flow system level configuration 52268
Zerban, J. Current sensors expand precision motion control capabilities 76188
Zerbe, C., Jung, P., Hanggi, A. Brownian parametric oscillators 61592
Zerbe, J. *see* Lee, T.H. 92231
Zerbe, T. *see* Sommer, V. 56037
Zerbetto, S.C., Vasconcellos, E.C.C. Far infrared laser lines produced by methanol and its isotopic species: a review 63678
Zerhouni, O. *see* Essabaa, S. 53284
Zerkle, D. *see* Javkin, H. 77078
Zerkle, D.K., Sappey, A.D. Limitations in the application of hook spectroscopy for density measurement in high-density-gradient media 66696
Zerkus, M., Becker, B., Ward, J., Halvorsen, L. Displaced temperature sensing system for use in prosthetic limbs research, virtual reality and teleoperated robots 53474
Zerlauth, S. *see* Ullrich, B. 63590
Zerne, R. *see* Svanberg, S. 50784
Zerobin, F., Painer, M., Eichberger, S., Pichler, S. Size and stiffness measurements on 9.5 m long LHC dipole coils 87783
Zerobin, F. *see* Kofler, H. 89921
Zerola, L. *see* Erben, O. 89475
Zerrai, A., Marrakchi, G., Fornari, R. Study of the defect evolution with Fe content in semi-insulating InP by photoinduced current transient spectroscopy 55721
Zerroug, M., Nevatia, R. Using invariance and quasi-invariance for the segmentation and recovery of curved objects 74622
Zerubia, J. *see* Berthod, M. 74600
Zerubia, J. *see* Kato, Z. 84972
Zerubia, J. *see* Urago, S. 95854
Zervakis, M.E., Kwon, T.M. On the application of robust functionals in regularized image restoration 85008
Zervakis, M.E. *see* Taek Mu Kwon 80053
Zervas, E. *see* Kechriotis, G. 51290
Zervas, M.N., Laming, R.I., Payne, D.N. Advanced erbium-doped fibre amplifiers: channel equalisers 56722
Zervas, M.N. *see* Laming, R.I. 50758
Zervos, A. *see* Palz, W. 99821
Zesch, J.C. *see* Hadimioglu, B. 99311
Zeto, R.J. *see* Yoon, Y.J. 62071
Zetti, F. *see* Amidei, D. 98639
Zettler, J.T. *see* Jonsson, J. 54897
Zettler, T. Integrated circuit fabrication compatible three-mask tungsten process for micromotors and gears 90053
Zettler, T. *see* Griep, S. 82035
Zettler, T. *see* Heinrich, R. 92420
Zettler, T. *see* Spanos, L. 93164
Zeungnam Bien *see* Seung-Ha Lee 61741
Zevenhoven, C.A.P., Wierenga, R.D.J., Scarlett, B., Yamamoto, H. An evaluation of the Masuda "Boxer Charger" 51022
Zevgolis, D. *see* Kotsopoulos, S.A. 58329
Zevin, L. *see* Pelleg, J. 81361
Zevin, L. *see* Zalkind, S. 81350
Zexin Zhou *see* Zhou Zexin
Zeyedt, H.M. *see* Schulz, R.R. 49568
Zeyen, C.M.E. *see* Knoopers, H.G. 94011
Zeyi Wang *see* Wang Zeyi
Zeyn, J. *see* Luckow, F. 73188
Zeytinoglu, M., Yen Chuan Hsu Statistical analysis of wavelet transform coded multi-channel signals for transmission over ATM packet networks 74644
Zeyu Qi *see* Jianxiong Wu 95350
Zezhong Peng, J., Longcor, S., Frey, J. An integrated efficient method for deep-submicron EPROM/Flash device simulation using energy transport model 49411
Zezhong Peng Jack *see* Jack Zezhong Peng
Zezhong Wang *see* Chan, C.C. 60215
Zgraja, J., Staszewski, W., Bereza, J. The power problems in three-phase induction heating 100941
Zha, M. *see* Fluck, D. 73071
Zha Hongyuan *see* Hongyuan Zha
Zhabitenko, N.K., Kalitenko, V.A., Kucherov, I.Ya., Perga, V.M. Excitation of radial oscillations in a piezoelectric resonator by a laser pulse 71863
Zhabitsky, V.M., Korenev, I.L., Yudin, L.A. Transverse feedback system with digital filter 76625
Zhabotinskii, E.E. *see* Andreev, P.V. 59515
Zhabotinskii, E.E. *see* Andreev, P.V. 59516
Zhabotinskii, E.E. *see* Andreev, P.V. 60074
Zhabotinskii, E.V. *see* Gorelik, V.S. 56887
Zhabotinskiy, M.Ye. Aksel' Ivanovich Berg (On the 100th anniversary of his birth) 79508
Zhad'ko, I.P. *see* Babichev, G.G. 97945
Zhai, D., Breipohl, A.M., Lee, F.N., Adapa, R. The effect of load uncertainty on unit commitment risk 59786
Zhai, H.R. *see* Xu, Y.B. 63186
Zhai, T., Lawson, C.M., Burgess, G.E., Lewis, M.L., Gale, D.C., Gray, G.M. Nonlinear-optical studies of molybdenum metal organics 63961
Zhai, W. *see* Ganz, A. 74920
Zhai, Y. *see* Xu, Y.B. 63186
Zhai Hong-Ying *see* Hong-Ying Zhai
Zhai Pengj *see* Tang Xiaowei 88188
Zhai Ruoyan, Li Yan, Qiu Ling, Zhang Qin, Zhang Huamin Identification for dynamic performance of thermal process in thermal power plant 89586
Zhai Yingbin *see* Yingbin Zhai
Zhai Zao-Cheng *see* Zao-Cheng Zhai
Zhan Chang Jiang *see* Chang Jiang Zhan
Zhan DeChen, Chen JingChun Automatic processing of questionable points for fringe extraction from interferometric image 74364
Zhan Ding *see* Jiadong Huang 80519
Zhan He, Nose, T., Sato, S. Optical performance of liquid crystal cells with asymmetric slit-patterned electrodes in various applied field configurations 50597
Zhan Shiming *see* Shiming Zhan
Zhan Shuqing *see* Shan Qiuchan 95032
Zhan Wenlong *see* Liu Guanhua 59141
Zhan Wenlong *see* Wenlong Zhan
Zhan Yu-Long *see* Yu-Long Zhan
Zhan Yuan-Ling *see* Yuan-Ling Zhan
Zhan Yuanling *see* Lu Mingzhe 50652
Zhan Zhangqing *see* Zhao Honglin 62859
Zhan-Guo Wang *see* Wang Zhan-Guo
Zhan-Ming Li, Dion, M., Yao Zou, Jun Wang, Davies, M., McAlister, S.P. An approximate k·p theory for optical gain of strained InGaAsP quantum-well lasers 63783
Zhan-Ming Li *see* Kam-Wing Chai 72837
Zhanao Sun *see* Fengtie Wu 56928
Zhang, B., Klemmer, T., Hoydick, D., Soffa, W.A. The relationship between microstructure and magnetic properties in $L1_0$ ordered Fe-Pd ferromagnets 72013
Zhang, B. *see* Bellomo, G. 67122
Zhang, B. *see* Fabbricatore, P. 82476
Zhang, B. *see* Noda, H. 84154
Zhang, B.M., Wang, S.Y., Xiang, N.D., Deng, Y.M., Yan, Z., Zhu, W.G., Pan, M.H., Xu, M.L., Wang, J.H., Cui, H.C. A security analysis and optimal power flow package with real-time implementation in Northeast China Power System 59823
Zhang, B.Y. *see* Bai, J.Z. 53324
Zhang, C. Linearity and frequency dependent electromagnetic transients 99468
Zhang, C., Hoger, S., Pakbaz, K., Wudl, F., Heeger, A.J. Improved efficiency in green polymer light-emitting diodes with air-stable electrodes 56573
Zhang, C. *see* Darling, G.D. 81637
Zhang, C. *see* Guo, Z.Y. 87899
Zhang, C. *see* Russ, J. 59135
Zhang, C. *see* Siminovitch, M. 69191
Zhang, C. *see* Siminovitch, M. 69209
Zhang, C.-Q. *see* Lai, H.-J. 48770
Zhang, C.B. *see* Lu, Y.H. 67783
Zhang, C.C. *see* Bai, J.Z. 53324
Zhang, C.D. *see* Bai, J.Z. 53324
Zhang, C.G., Hafez, H.M., Falconer, D.D. Traffic handling capability of a broadband indoor wireless network using CDMA multiple access 65555
Zhang, C.J. *see* Yong Kang 100380
Zhang, C.N., Weston, J.H., Yan, Y.-F. Determining objective functions in systolic array designs 80242
Zhang, C.Y. *see* Bai, J.Z. 53324
Zhang, D., Crean, G.M., Shallow, A., Flaherty, T., Shui, Y.A. Quasi-longitudinal wave mode waveguide sensing concentration of liquid solution 93850
Zhang, D., Deng, L., Elmasry, M.I. Pipelined architecture for neural-network-based speech recognition 73774
Zhang, D., Martens, J.S., Shih, C.F., Withers, R.S., Sachtjen, S.A., Suppan, L.P., Kotsubo, V., Tigges, C.P. Millimeter-wave scanning surface resistance analyzer using a confocal resonator 98287
Zhang, D., Vandeneede, J., Wambacq, P., Oosterlinck, A. Robust classification of remote sensing images 77690
Zhang, D. *see* Li, Q. 62074
Zhang, D. *see* Li, Q. 92880
Zhang, D. *see* Li, Z.-N. 51693
Zhang, D. *see* Liang, G.-C. 80599
Zhang, D. *see* Reed, F.E. 72619
Zhang, D.H., Radhakrishnan, K., Yoon, S.F., Li, H.M. Be-doped GaAs layers grown at a high As/Ga ratio by molecular beam epitaxy 91490
Zhang, D.H. *see* Bai, J.Z. 53324
Zhang, D.H. *see* Zhang, J.F. 90662
Zhang, D.R. *see* Labuntsov, V.A. 53705
Zhang, F., Fu, J. Rigorous analysis of lunar waveguides with the boundary element method 57196
Zhang, F. *see* Campbell, J.H. 67585
Zhang, F. *see* Leathard, A.D. 67576
Zhang, F.Y. *see* Yan, L.G. 83578
Zhang, G. High power and high efficiency operation of Al-free InGaAs/GaInAsP/GaInP GRINSCH SQW lasers ($\lambda \simeq 0.98\ \mu m$) 72901
Zhang, G., Al-Khalili, D., Inkol, R., Saper, R. Novel approach to the design of I/Q demodulation filters 61808
Zhang, G., Asonen, H., Pessa, M. Incorporation of group-V elements in $Ga_xIn_{1-x}As_yP_{1-y}$ layers grown on GaAs by gas-source molecular beam epitaxy 70055
Zhang, G., Hu, C., Yu, P., Chiang, S., Hamdy, E. Characteristic voltage of programmed metal-to-metal antifuses 61624
Zhang, G., Hu, E., Yu, P., Chiang, S., Hamdy, E. Metal-to-metal antifuses with very thin silicon dioxide films 81391
Zhang, G., Smith, B.W., Fuller, L.F. A liquid phase silylation process for 248 nm lithography using EL IR photoresist 81655
Zhang, G. *see* Bai, J.Z. 53324
Zhang, G. *see* Inkol, R.J. 59644
Zhang, G. *see* Refregier, P. 57676
Zhang, G. *see* Smekalin, K. 71371
Zhang, G.-H. Extremal regular graphs with prescribed odd girth 48773
Zhang, H., Knightly, E.W. Providing end-to-end statistical performance guarantees with bounding interval dependent stochastic models 85858
Zhang, H., Takaoka, A., Ura, K. A numerical analysis approach to Cockcroft-Walton circuit in electron microscope 81167
Zhang, H., Wheeler, N.J., Wheeler, P.W., Grant, D.A. A comparison of the input current quality of three-phase AC-AC converters drawing sinusoidal input currents 100365
Zhang, H. *see* Bird, M.D. 83547
Zhang, H. *see* Bird, M.D. 83549
Zhang, H. *see* Chiu, W.K. 97982
Zhang, H. *see* Fan, M. 76680
Zhang, H. *see* Kivimaa, J. 53058
Zhang, H.-C., Sasaki, A., Fukaya, J., Aoyama, H. Surface roughness observation by scanning tunneling microscopy using a monolithic parallel spring 71062
Zhang, H.L. *see* Bai, J.Z. 53324
Zhang, H.X., Zhang, X.J., Zhou, F.S., Li, Q., Liu, F.H., Han, Z.E., Lin, W.L. Mevva ion source for the application of material surface modification 53225
Zhang, H.X. *see* Zhou, F.S. 53216
Zhang, H.Y. *see* Bai, J.Z. 53324
Zhang, H.Y. *see* Patton, R.J. 61054
Zhang, J. An encoderless induction motor drive with improved current control at low speed 100869

Zhang, J., Carlen, C.R., Palmer, S., Sponsler, M.B. Switchable holograms recorded in liquid crystalline monomers 57013
Zhang, J., Hanauer, J. The mean field theory for image motion estimation 84986
Zhang, J., Key, M.H., Rose, S.J., Tallents, G.J. Calculations of a high-gain recombination X-ray laser at 4.55 nm 56600
Zhang, J., Lit, J.W.Y. Compound fiber ring resonator: theory 63407
Zhang, J., Marinopoulou, A., Hartung, J., Lightowlers, E.C., Anwar, N., Parry, G., Xie, M.H., Mokler, S.M., Wu, X.D., Joyce, B.A. Growth and characterization of $Si_{1-x}Ge_x/Si$ multilayers on patterned Si(001) substrates using gas source molecular beam epitaxy 91492
Zhang, J., Miremadi, B.K., Colbow, K. Effects of surface silver additives on tin oxide thin film gas sensors 76107
Zhang, J., Morris, A.J. On-line process fault diagnosis using fuzzy neural networks 61007
Zhang, J. *see* Ahrenkiel, R.K. 100682
Zhang, J. *see* Carlen, C.R. 94684
Zhang, J. *see* Fawcett, P.N. 91495
Zhang, J. *see* Key, M.H. 50731
Zhang, J. *see* Ohtani, N. 70004
Zhang, J. *see* Squillante, M.R. 59119
Zhang, J. *see* Stahle, C.K. 53334
Zhang, J. *see* Wang, G. 84955
Zhang, J. *see* Xue, S.Q. 86846
Zhang, J.-S. *see* Ahmad, R. 64914
Zhang, J.-S. *see* Ahmad, R. 65084
Zhang, J.B., Weston, R.H. Reference architecture for open and integrated automatic optical inspection systems 54566
Zhang, J.B. *see* Sarkar, T.K. 73421
Zhang, J.F., Eccleston, B. Donor-like interface trap generation in pMOSFET's at room temperature 55987
Zhang, J.F., Pu, O., Zhang, Y.Q., Zhang, D.H. Single phase series resonant converter with high power factor input for high frequency induction heating 90662
Zhang, J.G., Lund, J.C., Cirignano, L., Shah, K.S., Squillante, M.R., Moses, W.W. Lead sulfate scintillator crystal growth for PET applications 88407
Zhang, J.G., Lund, J.C., Cirignano, L., Shah, K.S., Squillante, M.R., Moses, W.W. Lead sulfate scintillator crystal growth for PET applications 98561
Zhang, J.H., Shi, Y.H., Liu, G.X., Hogg, B.W. Simulation of transmission line galloping using finite element method 59967
Zhang, J.W. *see* Bai, J.Z. 53324
Zhang, J.Y. *see* Yang, B.J. 63557
Zhang, K. *see* Yoon, H. 63842
Zhang, L. A simulation study of cell loss in ATM networks 51762
Zhang, L., Shohet, J.L., Dallmann, D., Booske, J.H., Speth, R.R., Shenai, K., Goeckner, M.J., Kruger, J.B., Rissman, P., Turner, J.E., Perez-Albuerne, E., Lee, S., Meyyappan, N. Low-energy separation by implantation of oxygen structures via plasma source ion implantation 71311
Zhang, L., Townsend, P.D., Chandler, P.J., Silversmith, J. Upconversion in ion implanted Er:YAG waveguides 63745
Zhang, L., Wang, P., Liang, C. Resonant frequencies and Q-factors of a spherical cavity loaded by an eccentric dielectric sphere 94713
Zhang, L. *see* Hardan, F. 60505
Zhang, L. *see* Jiang, G. 57411
Zhang, L. *see* Li, Y. 58990
Zhang, L. *see* Lu, S. 54981
Zhang, L. *see* Lu, W. 49929
Zhang, L. *see* Rao, N.S.V. 65333
Zhang, L. *see* Townsend, P.D. 73018
Zhang, L. *see* You, B. 56289
Zhang, L.-Y. *see* Sun, H.-T. 55439
Zhang, L.-y. *see* Sun, P. 54957
Zhang, L.M., Carroll, J.E. Dynamics of index coupled DFB lasers with minimal spatial hole burning 50860
Zhang, L.M., Yu, S.F., Nowell, M.C., Marcenac, D.D., Carroll, J.E., Plumb, R.G.S. Dynamic analysis of radiation and side-mode suppression in a second-order DFB laser using time-domain large-signal traveling wave model 72857
Zhang, L.M. *see* Tsang, C.F. 50722
Zhang, L.M. *see* Whiteaway, J.E.A. 94483
Zhang, L.M. *see* Yu, S.F. 83064
Zhang, L.S. *see* Bai, J.Z. 53324
Zhang, L.Y. *see* Zhou, Q.F. 56290
Zhang, M.J. *see* Chen, L.D. 81190
Zhang, M.Q. *see* Hui, S.Y.R. 55058
Zhang, N.-s. *see* Murakami, A. 59080
Zhang, P., Machida, S. SSC High Energy Booster resonance corrector and dynamic tune scanning simulation 66893
Zhang, P. *see* Al-Khafaji, M.A. 82260
Zhang, P. *see* Wang, A. 98048
Zhang, P.L. *see* Ellison, M. 66909
Zhang, P.L. *see* Syphers, M.J. 66966
Zhang, P.L. *see* Wang, Y. 66910
Zhang, P.Z. *see* Manaf, A. 50212
Zhang, Q., Basseville, M., Benveniste, A. Detection of slight changes using reduced models and biased identification 61050
Zhang, Q., Bi, G. Novel trellis-coded sequence and phase modulation for DS/SS system 57386
Zhang, Q., Zhang, Z., Shen, D., Xue, W., Wang, H., Zao, M. Sol-gel process for the preparation of ultrafine $PbTiO_3$ powders 49017
Zhang, Q. *see* Xiaohang Peng 57055
Zhang, Q.-J. *see* Lu, L. 49117
Zhang, Q.J., Nakhla, M. Yield analysis and optimization of VLSI interconnects in multichip modules 54528
Zhang, Q.J. *see* Sanaie, R. 49115
Zhang, Q.J. *see* Sanaie, R. 82056
Zhang, Q.J. *see* Zaabab, A.H. 92604
Zhang, Q.M., Cao, W., Wang, H., Cross, L.E. Strain profile and piezoelectric performance of piezocomposites with 2-2 and 1-3 connectivities 56112
Zhang, Q.M., Chen, J., Cross, L.E. Electric field induced piezoelectric response in ferroelectric materials near the paraelectric ferroelectric transition 93736
Zhang, Q.M., Hu, J., Sitch, J., Surridge, R.K., Xu, J.M. A new large signal HBT model 93332
Zhang, Q.M., Wenwu Cao, Zhao, J., Cross, L.E. Piezoelectric performance of piezoceramic-polymer composites with 2-2 connectivity—a combined theoretical and experimental study 71853
Zhang, Q.M. *see* Li, S. 58956
Zhang, Q.M. *see* Wang, H. 71846
Zhang, Q.P. *see* Borer, K. 76790
Zhang, Q.T. Asymptotic performance analysis of information-theoretic criteria for determining the number of signals in spatially correlated noise 64501
Zhang, Q.T. *see* Wang, H. 50143
Zhang, R., Hartman, S., Pellegrini, C. The plane wave transformer linac development at UCLA 66795
Zhang, R. *see* Hartman, S.C. 66998
Zhang, R. *see* Pellegrini, C. 76425
Zhang, R.-T. *see* Luo, W.-G. 49004
Zhang, R.-T. *see* Luo, W.-G. 56107
Zhang, S. Convergence property of the Iri-Imai algorithm for some smooth convex programming problems 69766
Zhang, S. *see* Chen, L.D. 81190
Zhang, S. *see* Cui, J. 61296
Zhang, S. *see* Gramsch, E. 56542
Zhang, S. *see* Gramsch, E. 82819
Zhang, S. *see* Gramsch, E. 94270
Zhang, S. *see* Szawlowski, M.J. 56537
Zhang, S.-L., Ostling, M., Norstrom, H., Arnborg, T. On contact resistance measurement using four-terminal Kelvin structures in advanced double-polysilicon bipolar transistor processes 82058
Zhang, S.-L. *see* Lourdudoss, S. 62413
Zhang, S.-M. Pancyclism and bipancyclism of Hamiltonian graphs 48768
Zhang, S.D. *see* Lockhart, G.B. 95147
Zhang, S.H., Lyon, S.B. Problems in AC impedance measurements of high resistance system in thin-film electrolytes 87434
Zhang, S.L., Appleton, C.J., O'Reilly, J.J. Computer simulation of HDWDM optical fibre communication systems with consideration of fibre nonlinear effects 58442
Zhang, S.M. *see* Chen, W. 73484
Zhang, S.Q. *see* Bai, J.Z. 53324
Zhang, S.Y., Weng, W.T. A new formulation of longitudinal coherent instabilities 87908
Zhang, S.Y., Weng, W.T. Spectral information for beam diagnostics 98398
Zhang, S.Y. *see* Qian, Z.L. 62404
Zhang, S.Y. *see* Reece, R.K. 68746
Zhang, T., Bi, G. Optimisation of coded frequency and phase modulation 83933
Zhang, T., Chu, C., Fan, M. Beam transport line of CIAE medical cyclotron and its magnetic elements design studies 66931
Zhang, T. *see* Fan, M. 76680
Zhang, T. *see* Nakajima, K. 76627
Zhang, T. *see* Reed, F.E. 72619
Zhang, T. *see* Xu, L.A. 66770
Zhang, T.B., Marshall, T.C. Microwave inverse free-electron-laser accelerator using a small "phase window" 87854
Zhang, T.G., Xu, Z.Y., Lundquist, P.M., Lin, W.P., Ketterson, J.B., Wong, G.K., Wang, X.K., Chang, R.P.H. Origins of bulk second harmonic generation in C_{60} thin films 94659
Zhang, W., Karhu, S.I., Salonen, E.T. Predictions of radiowave attenuations due to a melting layer of precipitation 57122
Zhang, W., Koh, L.M., Wong, E.M.C. Computer vision system for the measurement of IC wire-bond height 69606
Zhang, W., Sugeno, M. A fuzzy approach to scene understanding 51681
Zhang, W. *see* Fan, M. 76680
Zhang, W.Q. *see* Yongli, Z. 78014
Zhang, W.Q. *see* Zhu Yongli 59681
Zhang, X. Multilevel Schwarz methods for the biharmonic Dirichlet problem 54734
Zhang, X., Duckstein, L. Combination of radiologists' diagnosis by a fuzzy number approach 53405
Zhang, X., Iwakura, H. Design of FIR linear phase filters with discrete coefficients using Hopfield neural networks 61814
Zhang, X., Pashley, D.W., Fawcett, P.N., Neave, J.H., Joyce, B.A. A comparison of the growth mode and strain relief behaviour of $In_xGa_{1-x}As$ layers on GaAs(001) and (110) 79825
Zhang, X., Sridhar, R. Synchronization of wave-pipelined circuits 92334
Zhang, X. *see* Chen, M. 67349
Zhang, X. *see* El-Kareh, B. 62969
Zhang, X. *see* Fan, M. 76680
Zhang, X. *see* Friedman, A. 67218
Zhang, X. *see* Ingold, G. 63868
Zhang, X. *see* Lin, C.L. 74606
Zhang, X. *see* Lo, K.L. 59675
Zhang, X. *see* Ohtani, N. 70004
Zhang, X. *see* Petersen, A.K. 86505
Zhang, X.-C. *see* Jin, Y. 71209
Zhang, X.-M. *see* Seberry, J. 73746
Zhang, X.-P., Chen, H. Asymmetrical three-phase load-flow study based on symmetrical component theory 53677
Zhang, X.D., Trepanier, J.-Y., Camarero, R. A physical model for the numerical simulation of arc-blown circuit-breakers 90289
Zhang, X.J. *see* Beard, W.T. 61438
Zhang, X.J. *see* Zhang, H.X. 53225
Zhang, X.J. *see* Zhou, F.S. 53216
Zhang, X.L. *see* Guo, Z.Y. 87899
Zhang, X.Q. *see* Bernstein, P. 82380
Zhang, X.W. *see* Huang, D. 72106
Zhang, X.X., Ferrater, G., Zquiak, R., Tejada, J. Structure and magnetic properties of Sm/Fe multilayers versus substrate temperature 72025
Zhang, X.X., Hong, P., Loutts, G.B., Lefaucheur, J., Bass, M., Chai, B.H.T. Efficient laser performance of $Nd^{3+}:Sr_5(PO_4)_3F$ at 1.059 and 1.328 μm 63724
Zhang, X.X., Tejada, J. Time-dependent phenomena at low temperature in magnetic digital compact cassette tape 63222
Zhang, X.Z., Hemp, J. Calculation of the virtual current around an electromagnetic velocity probe using the alternating method of Schwarz 66765
Zhang, Y. 1:1 catadioptric deep UV optics with a full circle available field 71526
Zhang, Y., Desilva, C.J.S., Togneri, A., Alder, M., Attikiouzel, Y. Speaker-independent isolated word recognition using multiple hidden Markov models 64357
Zhang, Y., Hatzinakos, D., Venetsanopoulos, A.N. Bootstrapping techniques in the estimation of higher-order cumulants from short data records 84425
Zhang, Y., Kanterakis, E.G., Katz, A., Wang, J.-M. Optical wavelet processor for wavelets defined in the time domain 57675
Zhang, Y., Malik, O.P., Hope, G.S., Chen, G.P. Application of an inverse input/output mapped ANN as a power system stabilizer 89148
Zhang, Y., Miller, R., Ryder, D.M., Piercy, A.R., Thomson, E.T. Gallium arsenide photoconductive switch in high-voltage analogue application 82826
Zhang, Y., Muck, M., Braginski, A.I., Topfer, H. High-sensitivity microwave RF SQUID operating at 77 K 56251
Zhang, Y., Ruff, G.A. Three-dimensional temperature measurements in enclosures by using multiview interferometric tomography 53073
Zhang, Y., Runge, A.P., Shan, Z.S., Sellmyer, D.J. Magnetic and magneto-optical properties of $Mn_5(Ge_{1-x}M_x)_3$ alloys with M=Sn, Pb 71975
Zhang, Y., Song, W.N., Chung, T.S. A new approach for solving the heavy load flow and the static voltage stability limit 59830
Zhang, Y., Webber, R.E. Space diffusion: an improved parallel halftoning technique using space-filling curves 57811
Zhang, Y., Wise, K.D. Performance of non-planar silicon diaphragms under large deflections 60274
Zhang, Y., Xue, Y. Application of extended equal area criterion to asymmetrical faults with successive single-phase reclosing 88969
Zhang, Y. *see* Ancsin, J. 87134
Zhang, Y. *see* Bai, J.Z. 53324
Zhang, Y. *see* Hein, M.A. 93944
Zhang, Y. *see* Joubert, O. 55775
Zhang, Y. *see* Joubert, O. 93223
Zhang, Y. *see* Lin, X.-Z. 56513
Zhang, Y. *see* Shao, J. 78076
Zhang, Y. *see* Sun, X. 80138
Zhang, Y. *see* Szu, H. 57851
Zhang, Y. *see* Tavrin, Y. 56250
Zhang, Y. *see* Wang, J.-M. 82776
Zhang, Y. *see* Yang, L. 100358
Zhang, Y.-Q. *see* Li, W. 85063
Zhang, Y.F., Yang, L., Lee, C.Q. EMI reduction of power supplies by Bi-Frequency modulation 61534
Zhang, Y.J. *see* Sadwick, L.P. 92874
Zhang, Y.M., Winkler, D. An integrated superconducting sub-mm wave receiver for linewidth measurements of Josephson flux-flow oscillators 55428
Zhang, Y.M., Winkler, D., Claeson, T. The fabrication of an integrated superconducting submillimetre wave receiver 56245
Zhang, Y.M. *see* Bai, J.Z. 53324

Zhang, Y.P., Ge, X.S., Huang, H.L. A method for measuring thermal radiation properties of semi-transparent materials 87584
Zhang, Y.P. *see* Bai, J.Z. 53324
Zhang, Y.Q. *see* Zhang, J.F. 90662
Zhang, Y.S. *see* Chen, J. 90369
Zhang, Y.T., Herzog, W., Sokolosky, J., Guimaraes, A.C.S. Adaptive estimation of muscular force from the myoelectric signal obtained during dynamically contracting muscle 98894
Zhang, Y.T., Rangayyan, R.M. Adaptive cancellation of muscle contraction interference in vibroarthrographic signals 59254
Zhang, Z. Motion and structure of four points from one motion of a stereo rig with unknown extrinsic parameters 96034
Zhang, Z., Cuk, S. A high efficiency 1.8 kW battery equalizer 54086
Zhang, Z., Eastham, T.R., Dawson, G.E. LIM dynamic performance assessment from parameter identification 68595
Zhang, Z., Weiss, R., Hanson, A.R. Automatic calibration and visual servoing for a robot navigation system 51687
Zhang, Z. *see* Davis, G. 57590
Zhang, Z. *see* Jin, S. 81456
Zhang, Z. *see* McLaren, P.G. 78227
Zhang, Z. *see* Mallat, S. 84259
Zhang, Z. *see* Ortega, A. 64754
Zhang, Z. *see* Tamaki, J. 76109
Zhang, Z. *see* Wieler, R.W. 70358
Zhang, Z. *see* Xia, X.-G. 84274
Zhang, Z. *see* Yong, Y.-K. 93738
Zhang, Z. *see* Zhang, Q. 49017
Zhang, Z.D. *see* Liu, J.P. 72014
Zhang, Z.H. *see* Al-Bayati, A.H. 79961
Zhang, Z.L. *see* Mihailovich, R.E. 58743
Zhang, Z.L. *see* Shaw, K.A. 55843
Zhang, Z.M. *see* Frenkel, A. 94235
Zhang, Z.P. *see* Ahlen, S. 98641
Zhang, Z.P. *see* Bai, J.Z. 53324
Zhang, Z.X. *see* Destler, W.W. 63895
Zhang, Z.Z. *see* Hanek, H. 70750
Zhang Baolin *see* Zhang Zhonghua 89048
Zhang Baolin *see* Baolin Zhang
Zhang Bei *see* Yang Zhijian 50853
Zhang Bei *see* Bei Zhang
Zhang Bi *see* Bi Zhang
Zhang Bin *see* Cai Bangwei 50918
Zhang Bin *see* Wang Peiqing 81851
Zhang Binglong *see* Binglong Zhang
Zhang Bo *see* Yin Mingyu 62230
Zhang Bo *see* Bo Zhang
Zhang Boming *see* Deng Youman 99540
Zhang Boming *see* Wang Jianqi 99539
Zhang Boming *see* Yao Liangzhong 59811
Zhang Boming *see* Zhu Mingzhe 68116
Zhang Buoming *see* Yao Liangzhong 88970
Zhang Caidi *see* Mao Huishun 98593
Zhang Changjian *see* Deng Jixiang 99431
Zhang Changli, Wu Jijun High power GTO thyristor with improved fabrication technique 100221
Zhang Changli *see* Wu Jijun 90166
Zhang Changzhong *see* Liu Dekang 59016
Zhang Chao, Yuan Baozong Superquadric-based scene description 74437
Zhang Chen *see* Kang Pengju 100112
Zhang Chen *see* Zhao Xinmin 97897
Zhang Chenhua *see* Liu Fangxin 56366
Zhang Chin *see* Chin Zhang
Zhang Chun *see* Chun Zhang
Zhang Chun-ming *see* Zhang Zheng-jun 61137
Zhang Chunxiang *see* Luo Daling 59426
Zhang Defu, Chen Yanping, Shen Ping A parallel algorithm for labeling image 85099
Zhang Defu *see* Wang Wenhong 91805
Zhang Deli *see* Deli Zhang
Zhang Diancheng *see* Yang Jingan 74264
Zhang Dingkang *see* Yu Shan 62984
Zhang Dingkang *see* Yu Shan 63014
Zhang Dong, Gong Xiufen Computer simulation of acoustic nonlinear parameter tomography 67459
Zhang Dongxia *see* Huang Donghui 53679
Zhang Enyao *see* Wang Yibing 58818
Zhang Faipei *see* Faipei Zhang
Zhang Fan *see* Fan Zhang
Zhang Fangqing *see* Fangqing Zhang
Zhang Fangwei *see* Fangwei Zhang
Zhang Feng *see* Feng Zhang
Zhang Fengshan *see* Cheng Shiping 50661
Zhang Fengshan *see* Cheng Shiping 72553
Zhang Ge *see* Mao Huishun 98593
Zhang Gongli Split-radix DET algorithms and the computation of DCT and DST 84472
Zhang Goubing *see* Deng Xinlu 88838
Zhang Guang-Yu *see* Wang Xiao-Hui 58976
Zhang Guanghui, Wang Wei, Huang Zailu, Huang Tiexia, Yan Guoping Best basis algorithm and its application in signal detection 84474
Zhang Guanghui *see* Wang Wei 85197
Zhang Guangwen *see* Guangwen Zhang
Zhang Guangyin *see* Guangyin Zhang
Zhang Guanshen *see* Guanshen Zhang
Zhang Guifen Room temperature operation of NaCl:$(F_2^+)_H$ tunable color center pulsed lasers 56735
Zhang Guifeng *see* Guifeng Zhang
Zhang Guilin *see* Guilin Zhang
Zhang Guodong *see* Guodong Zhang
Zhang Guohao 8 mm IMPATT injection-locked amplifier 61896
Zhang Guoqiang, Yan Rongliang, Yu Xuefeng, Gao Wenyu, Ren Diyuan, Zhao Yuanfu, Hu Yuhong, Wang Yingmin Radiation effect on fluorinated SiO_2 films 62317
Zhang Guoqiang, Yan Rongliang, Yu Xuefeng, Gao Wenyu, Ren Diyuan, Zhao Yuanfu, Hu Yuhong, Wang Yingmin Influence of gate oxidation methods on ionizing radiation effects for fluorinated MOSFET 93428
Zhang Guoqiang *see* Cui Xiang 90063
Zhang Guowei *see* Jing Zhongliang 84237
Zhang Guoxiong *see* Guoxiong Zhang
Zhang Hailong *see* Hailong Zhang
Zhang Hang *see* Wang Ruwen 100232
Zhang Hanhua *see* Hanhua Zhang
Zhang He, Liu ZhiHuam, Fang GongYao Research on a super-small-scale MHD power system 60484
Zhang Hebing *see* Hebing Zhang
Zhang Hong *see* Hong Zhang
Zhang Hong-Yan *see* Hong-Yan Zhang
Zhang Hong-Ying *see* Hong-Ying Zhang
Zhang Hongbin *see* Ni Guoqiang 92909
Zhang Hongcai *see* Zhang Youmin 84238
Zhang HongJiang *see* HongJiang Zhang
Zhang Hongke *see* Hongke Zhang
Zhang Hongwei *see* Hongwei Zhang
Zhang Hongxi, Qiang Liangsheng, Xu Chongquan, Xu Yuheng, Zhang Jingwen, Bian Shaoping, Xu Kebin The influence of carrier concentration on two-wave coupling gain in photorefractive $LiNbO_3$ crystal 73082
Zhang Hongxi *see* Hongxi Zhang
Zhang Hua-Sheng, Chen Chia-Erh, Zhao Weijiang The progress of ion sources in China 53261
Zhang Huamin *see* Zhai Ruoyan 89586
Zhang Huanshui *see* Deng Zili 73926
Zhang Hui *see* He Ping 96983
Zhang Hui *see* Hui Zhang
Zhang Huigang, Shen Jinguan Discussion on the information capacity of CDT telecontrol communication protocol 52063
Zhang Huixing, Zhang Xiaoji, Zhou Fengsheng, Zhang Shenji, Li Qiang, Han Zhuen The Beijing metal vapor vacuum arc ion source program 98492
Zhang Ji-Hua *see* Ji-Hua Zhang
Zhang Jialu *see* Jialu Zhang
Zhang Jian, Guo Yong, Wang Xinggong, Yang Jiaxiang, Zhu Yunping, Li Chenglin Improvement in preparation of LiF TLD and optimization of measurement parameters 88589
Zhang Jian *see* Jian Zhang
Zhang Jian-Cheng *see* Jian-Cheng Zhang
Zhang Jian-Cuo *see* Jian-Cuo Zhang
Zhang Jian-Guo *see* Jian-Guo Zhang
Zhang Jian-Ping *see* Jian-Ping Zhang
Zhang Jian-Wu *see* Jian-Wu Zhang
Zhang Jiang-She, You Zhao-Yong, Xu Zong-Ben A cell method for finding all solutions of nonlinear equations and optimization problems 69853
Zhang Jiang-Ying *see* Jiang-Ying Zhang
Zhang Jianhua, He Yuchen The AC discharge characteristics of composite gaps of tension insulator string in 220 kV line 78171
Zhang Jianhva *see* He Yuchen 78138
Zhang Jianjun *see* Xiong Shaozhen 71675
Zhang Jianluo *see* Jianluo Zhang
Zhang Jianming *see* Lin Ying 74471
Zhang Jianxun *see* Jianxun Zhang
Zhang Jianzhong *see* Jianzhong Zhang
Zhang Jiasen *see* Jiasen Zhang
Zhang Jien *see* Qu Shuzeng 89885
Zhang Jihe *see* Jihe Zhang
Zhang Jihong *see* Jihong Zhang
Zhang Jin-Fa *see* Jin-Fa Zhang
Zhang Jin-Yu *see* He Jin-Liang 99746
Zhang Jinfeng *see* Jinfeng Zhang
Zhang Jing, Tong Tiaosheng, Liu Jianhan A critical compensating control of power factor by use of microprocessor 99607
Zhang Jing *see* Wei Yongtian 89728
Zhang Jing *see* Jing Zhang
Zhang Jingwen, Zhao Hua, Sun Wanjun, Sun Xiudong, Xu Kebin Three-wave-mixing at 1.06 μm with a semi-insulating GaAs:Cr crystal 73080
Zhang Jingwen *see* Zhang Hongxi 73082
Zhang Jingwen *see* Jingwen Zhang
Zhang Jintang *see* Yuan Jinsha 73230
Zhang Jucheng *see* Jucheng Zhang
Zhang Jun, Zhang Qishan An approach to realize the parallel real-time correlator based on parallel pipeline from addition network 70417
Zhang Jun *see* Jun Zhang
Zhang Junlan *see* Chen Jiansheng 78153
Zhang Junrong *see* Shi Zhifu 77460
Zhang Kaihe *see* He Lei 80044
Zhang Kaihe *see* He Lei 80045
Zhang Kaihe *see* Kaihe Zhang
Zhang Kaiming *see* Xie Xide 93058
Zhang Kaizhong *see* Kaizhong Zhang
Zhang Ke-Cun, Yang Bo-Ting An effective numerical method for general signomial geometric programming problems 69760
Zhang Lan *see* Lan Zhang
Zhang Lanping *see* Lanping Zhang
Zhang Lei *see* Lei Zhang
Zhang Li, Li Shizhi The study of an adaptive array located on a conformal scattering object 95034
Zhang Li *see* Min Yong 59748
Zhang Li *see* Li Zhang
Zhang Li-Peng, Li Li-Mei, Cai Chang-Nian Speech recognition using dynamic recognition neural network 84175
Zhang Li-Qing, Han Guo-Qiang Structure variable homotopy methods for solving nonlinear systems 48856
Zhang Liang *see* Liang Zhang
Zhang Liang-Cheng *see* Liang-Cheng Zhang
Zhang Liang-Ying *see* Liang-Ying Zhang
Zhang Liansheng *see* Deng Xinlu 88838
Zhang Lichun *see* Gao Yuzhi 61365
Zhang Lidong *see* Wei Xiaoming 99792
Zhang Lifen *see* Lifen Zhang
Zhang Ligong *see* Ligong Zhang
Zhang Lihe *see* Chen Zhongbao 84178
Zhang Lihe *see* Jiang Gangyi 84168
Zhang Lihe *see* Zheng Yi 85192
Zhang Lihua *see* Chen Jiansheng 78153
Zhang Lihua *see* Xu Wenli 74438
Zhang Lijian, Liu Xingwen The studying of expert system for soil remote sensing classification and recognition 77278
Zhang Ling, Zhou Liwei, Fang Erlun A study of electron optical systems for conical immersion lenses 94743
Zhang Ling *see* Zhi-Liang Wang 90175
Zhang Lingjun *see* Xue Fangshi 62134
Zhang Lingyi *see* Xie Jialin 72933
Zhang Liqing *see* Han Guoqiang 91391
Zhang Lixia *see* Lixia Zhang
Zhang Liyang, Jiao Yongchang, Liang Changhong Analytic study of spherical cavity loaded by an eccentric dielectric sphere 94787
Zhang Liyang, Liang Changhong Analysis of electrostatic problem of two dielectric spheres by orthogonal harmonic expansion 94778
Zhang Liyang *see* Liyang Zhang
Zhang Meifang *see* Zhang Qinghai 67203
Zhang Min *see* Li Zhaoji 81763
Zhang Min *see* Min Zhang
Zhang Ming *see* Zhou Guixing 68119
Zhang Ming *see* Ming Zhang
Zhang Ming-Xing *see* Fang Zhenhe 77140
Zhang Mingxing *see* Fang Zhenhe 76044
Zhang Minjuan *see* Shen Defang 72066
Zhang Muxiang, Xiao Guozhen Structure of invertible linear transform with convolution property in finite field 69664
Zhang Muxiang, Xiao Guozhen Nonlinearity and correlation immunity of memoryless combining function 83900
Zhang Ning *see* Ning Zhang
Zhang Peng-Gang *see* Peng-Gang Zhang
Zhang Pengfei, Hou Dongyan, Yang Jingming, Tsien Peihsin, Lo Taichin High quality SOI recrystallized with optimized thermal gradients at solid-liquid interfaces 81413
Zhang Qi *see* Mine, K. 75961
Zhang Qi *see* Qi Zhang
Zhang Qi-Jun *see* Qi-Jun Zhang
Zhang Qian *see* Qian Zhang
Zhang Qianren *see* Qianren Zhang
Zhang Qiming *see* Qiming Zhang
Zhang Qin *see* Zhai Ruoyan 89586
Zhang Qin *see* Qin Zhang
Zhang Qing *see* Qing Zhang
Zhang Qingchuan *see* Li Qiang 85662
Zhang Qinghai, Wang Xiulong, Sun Yuzhen, Bu Sunfu, Zhang Meifang, Su Guoping A device for amplitude and phase stabilization for the FEL injector in the L-band 67203
Zhang Qinghuan *see* Cheng Haiyan 68056
Zhang Qingling *see* Chen Lianxiang 98857
Zhang Qiren, Ouyang Xiaohong No static difference synthesized design method for DC speed control systems 90492
Zhang Qishan *see* Zhang Jun 70417
Zhang Qishan *see* Qishan Zhang
Zhang Quan *see* Quan Zhang
Zhang Qun, Feng Hui, Zhao Yongchang The real-time measurement of non-sinusoidal AC electrical parameters 100056
Zhang Qunfei *see* Qunfei Zhang
Zhang Ren-Jie *see* Chen Chan-Yao 58966
Zhang Renfu The computer supervisory control system of Yingxiu Bay main power station 99534
Zhang Renshan *see* Renshan Zhang
Zhang Renyu, Guan Zhicheng, Huang Chaofeng The influence of low atmosphere pressure on flashover voltage of contaminated glass plate 99737
Zhang Rong *see* Rong Zhang
Zhang Rongling *see* Yan Qingmeng 99575
Zhang Rongmei *see* Guo Weilian 93350
Zhang Rui *see* Sun Xiaowei 56847
Zhang Running, Ke Youan, Lin Maoyong, Ruan Longquan, Cheng Guangfei Multiple polyphase signals for access system 85272
Zhang Shanjie *see* Shanjie Zhang
Zhang Shao-Hua *see* Shao-Hua Zhang
Zhang Shaofeng *see* Zhou Zhiyao 72436
Zhang Shaohe *see* Huang Donghui 53679

Zhang Shayan *see* Shayan Zhang
Zhang Sheng Preconditioning of the stiffness matrix of local refined triangulation 61200
Zhang Sheng-Hua *see* Pei Xian-Deng 56217
Zhang Shengdong An investigation on level shift characteristics for pixel electrode voltage of a-Si TFT LCD 98223
Zhang Shenghua, Pei Xiandeng Theoretical analysis of readback process of high track density perpendicular magnetic recording with single-pole-head 93888
Zhang Shengliang *see* Shengliang Zhang
Zhang Shengzhong *see* Luo Yi 72851
Zhang Shenji *see* Zhang Huixing 98492
Zhang Shiyong *see* Qian Songrong 96253
Zhang Shu, Chen Linzhu, Jiang Junren, Ren Kailong A new technique for image edge crisping based on rational function mapping 74423
Zhang Shu *see* Shu Zhang
Zhang Shu-Yi *see* Shu-Yi Zhang
Zhang Shuiming, Haung Xianfang Promising selection using factor approximate method in the remote sensing interpretation 77266
Zhang Shulian *see* Shulian Zhang
Zhang Shulin *see* Gao Yuzhi 61365
Zhang Shunmao *see* Shunmao Zhang
Zhang Shuping, Bruyndonckx, P., Goldberg, M.B., Tavernier, S. Study of a high resolution 3D PET scanner 88091
Zhang Shuqiang *see* Shuqiang Zhang
Zhang Shuqun, Chen Caisheng Optical image fuzzy associative memory 56327
Zhang Shuqun *see* Shuqun Zhang
Zhang Shuren *see* Das-Gupta, D.K. 56148
Zhang Shuwu *see* Tan Zheng 84177
Zhang Siwen *see* Lai Qingbo 78200
Zhang Songchun *see* Songchun Zhang
Zhang Tianning *see* Tianning Zhang
Zhang Tie Jun A variable step size algorithm for adaptive echo canceller adjustment 94869
Zhang Tingting *see* Yang Yonggao 65255
Zhang Tong *see* Tong Zhang
Zhang Tongguang *see* Tongguang Zhang
Zhang Tongtong *see* Tongtong Zhang
Zhang Wanli *see* Guo Qingding 100085
Zhang Wanlin *see* Wanlin Zhang
Zhang Wanru Remarkably well-developed semiconductor lasers 83150
Zhang Wei Computer network and data communications for power system real time control 99530
Zhang Wei *see* Wei Zhang
Zhang Weiping *see* Weiping Zhang
Zhang Weipo *see* Wang Hongli 99442
Zhang Weizhu *see* Shen Defang 72066
Zhang Weizuo *see* Weizuo Zhang
Zhang Wen Xun *see* Wen Xun Zhang
Zhang Wen-Jie *see* Wen-Jie Zhang
Zhang Wengdong *see* Wengdong Zhang
Zhang Wenhui *see* Zhao Dade 80680
Zhang Wenjun, Zjang Yongling, Xie Chufang Transient propagation and scattering in dispersive media 94786
Zhang Wenlong Design of MEC-SBC $(4, 2)_m$ codes 95182
Zhang Wenqin *see* Zhu Yongli 77914
Zhang Wentao *see* Wu Shouyuan 99645
Zhang Wenxiu, Liu Ning, Dong Jun, Zhao Chensheng Electric drive control energy saving for residential water supplying system 100804
Zhang Wenxun *see* Cheng Chonghu 64123
Zhang Wenxun *see* Liu Zhijun 83780
Zhang Wenyan *see* Wenyan Zhang
Zhang Wenzhen Some parameter characteristics of CPM unstable resonator Nd:YAG laser 50900
Zhang Wenzhong, Shen Lansun A new blind equalization algorithm for multi-level QAM systems 95445
Zhang Wuming *see* Chen Yuquan 98161
Zhang Xi Mei *see* He Ji Cheng 79197
Zhang Xian-Da *see* Xian-Da Zhang
Zhang Xian-Mo *see* Xian-Mo Zhang
Zhang Xianda Two new methods for order determination of an MA model using autocorrelations 83903
Zhang Xiandong *see* Yang Jun 73777
Zhang Xiangdong *see* Xiangdong Zhang
Zhang Xiangjiu *see* Gong Dawei 75995
Zhang Xiao Yang *see* Xiao Yang Zhang
Zhang Xiao-Ping *see* Xiao-Ping Zhang
Zhang Xiao-Zhang *see* Xiao-Zhang Zhang
Zhang Xiaochun *see* Xiaochun Zhang
Zhang Xiaodong *see* Hu Chundong 53234
Zhang XiaoDong *see* XiaoDong Zhang
Zhang Xiaofeng *see* Sun Zhou 61348
Zhang Xiaofeng *see* Xu Ning 54942
Zhang Xiaoguang *see* Wu Longan 93425
Zhang Xiaohao *see* Xiaohao Zhang
Zhang Xiaohui *see* Xiaohui Zhang
Zhang Xiaoji *see* Zhang Huixing 98492
Zhang Xiaolin, Guo Wenxuan, Shu Yuwen, Hau Wenhui, Yan Jun Matched spatial filtering technique for small target detection in IR clutter background containing sea area 74470
Zhang Xiaomiao, Wei Wenyuan, Jiao Yongchang Analysis and calculation for conformal dipole arrays 95028
Zhang Xiaoming, Zhou Xiuguang, Lu Songlin Computer processing and pattern recognition of radar remote sensing images of the Huai River basin 77501
Zhang Xiaoqing Transient calculation of networks with ferromagnetic elements 88974
Zhang Xikang *see* Xikang Zhang
Zhang Xinfa *see* Dai Yisong 72836
Zhang Xinfa *see* Shi Jiawei 63800
Zhang Xing *see* Xing Zhang
Zhang Xing-Zhu *see* Xing-Zhu Zhang
Zhang Xingyu *see* Xingyu Zhang
Zhang Xingzhi *see* Xingzhi Zhang
Zhang Xining *see* Xining Zhang
Zhang Xinxin *see* Xinxin Zhang
Zhang Xinyi *see* Xinyi Zhang
Zhang Xinyu *see* Li Yusheng 68686
Zhang Xiumiao *see* Xiumiao Zhang
Zhang Xiupu *see* Xiupu Zhang
Zhang Xu *see* Xu Zhang
Zhang Xubao *see* Fan Laiyao 83902
Zhang Xuecheng *see* Hu Xuehao 99835
Zhang Xuejun *see* Xuejun Zhang
Zhang Xueru *see* Yuan Shifu 56499
Zhang Xueru *see* Yuan Shifu 72479
Zhang Xuexia *see* Song Qing 95031
Zhang Ya-Qin *see* Ya-Qin Zhang
Zhang Yafan *see* Yafan Zhang
Zhang Yaming *see* Mao Jicheng 85650
Zhang Yan *see* Yan Zhang
Zhang Yan-Xin *see* Yan-Xin Zhang
Zhang Yan-Zhong New nanocrystalline $Fe_{70.5}(CuCrV)_{9.5}Si_{12}B_8$ soft magnetic alloy 82248
Zhang Yanan *see* Yanan Zhang
Zhang Yansheng A Rayleigh fading simulator for mobile radio 86228
Zhang Yantian *see* Yantian Zhang
Zhang Yanwen *see* Yu Shan 81931
Zhang Yanxin *see* Shen Jinyuan 72519
Zhang Yao, Song Wennan Power system static voltage stability limit and the identification of weak bus 88976
Zhang Yaoqing *see* Yaoqing Zhang
Zhang Yaxin *see* Yaxin Zhang
Zhang Ye Discussion on events reviewing accuracy of DAS in power plant 53852
Zhang Ye, Qian Guohui, Li Shaobin Wavelet transform and multi-resolution synthesis of texture images 85201
Zhang Ye, Zhao Guotian, Yu Hengchun Wavelet transform and its application in image compression 85198
Zhang Yi *see* Yi Zhang
Zhang Yi-Sheng *see* Yi-Sheng Zhang
Zhang Yibin *see* Yibin Zhang
Zhang Yigong *see* Yigong Zhang
Zhang Yibuang *see* Wang Jing 89724
Zhang Ying *see* Ying Zhang
Zhang Yingping *see* Yingping Zhang
Zhang Yinping *see* Sun Jitao 61061
Zhang Yinping *see* Wang Zheng 76238
Zhang Yiqing *see* Yiqing Zhang
Zhang Yiqun *see* Guo Shize 98185
Zhang Yixin Information content of an imaging system in atmosphere turbulence 94846
Zhang Yizbou *see* Li Shenping 83197
Zhang Yong *see* Yong Zhang
Zhang Yong-Mei *see* Yong-Mei Zhang
Zhang Yongfang *see* Yongfang Zhang
Zhang Yongqing *see* Yongqing Zhang
Zhang Youmin, Pan Quan, Zhang Hongcai, Dai Guanzhong A parallel decoupled Kalman filtering algorithm and systolic architecture 84238
Zhang Youzhu *see* Youzhu Zhang
Zhang Yu-He *see* Yu-He Zhang
Zhang Yuan-Sheng *see* Yuan-Sheng Zhang
Zhang Yuancai *see* Zhang Zongyi 53700
Zhang Yubong *see* Bao Zheng 97382
Zhang Yuchun *see* Sun Lining 100424
Zhang Yudong *see* Lin Shujie 50956
Zhang Yuefeng *see* Yuefeng Zhang
Zhang Yuehong *see* Wang Zhongyang 93295
Zhang Yuejin *see* Yuejin Zhang
Zhang Yueqing, Zhang Zhihe, Liu Yun, Piao Youzhi, Zhao Shufang, Fu Dehui, Zhao Sheng A semiconductor laser used as a velometer and ranger 83394
Zhang Yuheng *see* Yuheng Zhang
Zhang Yuhong *see* Liao Guisheng 67950
Zhang Yuhong *see* Liao Guisheng 84567
Zhang Yuhong *see* Yuhong Zhang
Zhang Yuhui *see* Li Tianyun 89049
Zhang Yundian *see* Yundian Zhang
Zhang Yunqiang *see* Xue Fangshi 62134
Zhang Yuxuan *see* Yuxuan Zhang
Zhang Yuzhen *see* Xie Jialin 72933
Zhang Zhang-Yi *see* Zhang-Yi Zhang
Zhang Zhaoming *see* Wu Bing 63255
Zhang Zhaoping *see* Xiong Xuming 72689
Zhang Zhe *see* Zhe Zhang
Zhang Zhen *see* Zhen Zhang
Zhang ZhenChuan, Wang YueXian, Wang GuangXing Lighting power supply line characteristics and performance of an FSK discrimination detector 96960
Zhang Zheng *see* Zheng Zhang
Zhang Zheng-jun, Yang Zi-qiang, Zhang Chunming Monotone piecewise curve fitting algorithms 61137
Zhang Zheng-Quan *see* Xu Zhi-Zhan 82890
Zhang Zhengsheng *see* Zhengsheng Zhang
Zhang Zhengyou *see* Zhengyou Zhang
Zhang Zhenhai, Chen Yinbao Bunching property of high current injector with subharmonic prebuncher in linac 66930
Zhang Zhenming, Gu Suhua Position of new and renewable energy in the energy system of China 53858
Zhang Zhensheng *see* Zhensheng Zhang
Zhang Zhi-Dong *see* Liu Wei 82256
Zhang Zhi-Fang *see* Zhi-Fang Zhang
Zhang Zhifeng *see* Zhifeng Zhang
Zhang Zhigang *see* Zhigang Zhang
Zhang Zhiguo *see* Zhiguo Zhang
Zhang Zhihang *see* Zhihang Zhang
Zhang Zhihe *see* Zhang Yueqing 83394
Zhang Zhikang, Lei Zhangyun, Zhuo Yunshang, Lin Qian On-line measurement of ash content in coal 53360
Zhang Zhiming *see* Zhiming Zhang
Zhang Zhiyong, Yang Zuying Complex projection space theory for fault diagnosis 91109
Zhang Zhong-Ying, Yuan Bao-Zong Multiresolution target detection and tracking through a parallel coarse-to-fine search approach 74440
Zhang Zhongfu *see* Zhongfu Zhang
Zhang Zhonghua, Ni Yixin, Chen Shousun, Zhang Baolin Theoretical analysis and simulation of ASVG [advanced static VAr generator] 89048
Zhang Zhongting, Fu Ping, Guo Shize The design of VXIbus DMM module 97772
Zhang Zhongting, Guo Shize, Jin Xin The design of the general function generator module based on VXIbus 98175
Zhang Zhongting *see* Guo Shize 98186
Zhang Zhongzhi *see* Fang Guangyou 94784
Zhang Zhongzhi *see* Zhongzhi Zhang
Zhang Zhuxiang *see* Mao Huishun 98593
Zhang Zibei *see* Zibei Zhang
Zhang Zongcheng, Wang Hongyan, Liu Weixiao, Yu Ming Real-time image video edge enhancement using hardware convolver 80397
Zhang Zongyi, Xu Guoyu, Yang Xiutai, Zhang Yuancai Reliability computations for interconnected power systems with correlated loads 53700
Zhang Zongyi, Yang Xiutai, Xu Guoyu The evaluation of variance of generating system production cost [power system planning] 89062
Zhang Zuping *see* Zuping Zhang
Zhang-Fu Qi *see* Chang-Tai Yu 81682
Zhang-Ning Lu, Bansal, R., Cheo, P.K. Radiation losses of tapered dielectric waveguides: a finite difference analysis with ridge waveguide applications 82658
Zhang-Yi Zhang *see* Chang-Tai Yu 81682
Zhanger Ma *see* Ma Zhanger
Zhangqi Wang *see* Wang Zhangqi
Zhangqing Zhan *see* Zhan Zhangqing
Zhanguo Wang *see* Wang Zhanguo
Zhangyun Lei *see* Lei Zhangyun
Zhantian Zhong *see* Zhong Zhantian
Zhao, B., Chen, T.R., Eng, L.E., Zhuang, Y.H., Shakouri, A., Yariv, A. Sub-100 μA current operation of strained InGaAs quantum well lasers at low temperatures 83145
Zhao, C., Ailor, M., Gray, L.J. Interior point evaluation in the boundary element method 61205
Zhao, C. *see* Tang, S. 82867
Zhao, C.F. *see* He, G.S. 82960
Zhao, C.M., Rupprecht, W. Performance improvements of high rate digital subscriber loop transmission system by using noise prediction schemes 51511
Zhao, D.X. *see* Bai, J.Z. 53324
Zhao, G. *see* Ghannouchi, F.M. 93506
Zhao, G. *see* Hajsaid, M. 62660
Zhao, G. *see* Xing, Q.J. 72891
Zhao, G.F., Lye, K.M. Synchronization protocol for high quality and single-point playout multimedia applications 85288
Zhao, H., MacDougal, M.H., Frateschi, N.C., Siala, S., Dapkus, P.D., Nottenburg, R.N. High efficiency InGaAs/GaAs single-quantum-well lasers using single-step metalorganic chemical vapor deposition 50855
Zhao, H., Sato, T., Kimura, I. New go-back-N ARQ protocols for point-to-multipoint communications 96245
Zhao, H. *see* MacDougal, M.H. 72802
Zhao, H. *see* Siala, S. 75398
Zhao, J., Ishigame, A., Kawamoto, S., Taniguchi, T. Structural control of electric power networks for transient stability 89014
Zhao, J., Li, G.P., Liao, K.Y., Chin, M.R., Sun, J.Y.-C., Ratnam, P. Modeling on increase of n-p-n and p-n-p current gain by hydrogen electromigration in polysilicon emitters 93343
Zhao, J., Wang, A., Green, M.A. 23.5% efficient silicon solar cell 78814
Zhao, J., Wang, A., Robinson, S.J., Green, M.A. Reduced temperature coefficients for recent high-performance silicon solar cells 78813
Zhao, J., Wang, A., Taouk, M., Yun, F., Ebong, A., Stephens, A.W., Wenham, S.R., Green, M.A. 20% efficient silicon solar cell modules 100728
Zhao, J. *see* Shen, J. 85177
Zhao, J. *see* Tso, C.P. 60117
Zhao, J. *see* van Daalen, M. 92445

Zhao, J. *see* Zhang, Q.M. 71853
Zhao, J.H., Burke, T., Weiner, M., Chin, A., Ballingall, J.M. A novel high power optothyristor based on AlGaAs/GaAs for pulsed power-switching applications 55941
Zhao, J.H. *see* Buchwald, W.R. 50695
Zhao, J.H. *see* Flemish, J.R. 49892
Zhao, J.H. *see* Lis, R.J. 55940
Zhao, J.W. *see* Bai, J.Z. 53324
Zhao, K., Fuyun Ling, Lev-Ari, H., Proakis, J.G. Sliding window order-recursive least-squares algorithms 74187
Zhao, K., Lev-Ari, H., Proakis, J.G. Comparison of order-recursive adaptive RLS algorithms 84292
Zhao, L., Budnik, F.W., Kulcsar, G., Stanier, M., Mihaychuk, J., Marjoribanks, R.S. High-contrast terawatt pulses from fiberless chirped-pulse amplification laser based on 1-ps direct feedback controlled Nd-glass oscillator 56655
Zhao, L. *see* Yamakoshi, H. 67413
Zhao, M. Availability for repairable components and series systems 69652
Zhao, M. *see* Anzivino, G. 67353
Zhao, M. *see* Bai, J.Z. 53324
Zhao, M. *see* Wang, X. 54982
Zhao, M.Y. *see* Wang, H. 50143
Zhao, P.D. *see* Bai, J.Z. 53324
Zhao, P.P. *see* Bai, J.Z. 53324
Zhao, R. On-line geometry recognition using C++, an object-oriented approach 95752
Zhao, S., Kramer, H.M., Hohlfeld, K. The yield from X-ray tubes in terms of ambient dose equivalent 59220
Zhao, S. *see* Carelli, G. 82933
Zhao, S. *see* Chernyak, L. 71733
Zhao, S. *see* Tesarek, R.J. 98504
Zhao, S.P. *see* Scherschel, M. 67289
Zhao, T., Chen, Y. First level muon trigger circuits using Xilinx FPGA 59180
Zhao, T., Daly, C., Davisson, R., Lubatti, H.J., Fukui, T., Thunborg, J. SDC muon tracking system 59125
Zhao, W. *see* Sun, Z. 79962
Zhao, W.R. *see* Bai, J.Z. 53324
Zhao, X. *see* Bohm, C. 98679
Zhao, X. *see* Jusko, O. 87541
Zhao, X. *see* Schoenfeld, O. 92931
Zhao, X. *see* Wang, L. 75097
Zhao, X.D., Tsui, B.M.W., Gregoriou, G.K., Li, J., Lalush, D.S., Eisner, R.L. Evaluation of corrective reconstruction methods using a 3D cardiac-torso phantom and Bulls-eyes plots 98840
Zhao, X.D. *see* Tsui, B.M.W. 59327
Zhao, X.M. *see* Diddams, S. 73003
Zhao, Y. A new speaker adaptation technique using very short calibration speech 84091
Zhao, Y., Li, Y., Lipo, T.A. Force commutated three level boost type rectifier 60364
Zhao, Y., Poole, S. Efficient blue Pr^{3+}-doped fluoride fibre upconversion laser 63707
Zhao, Y., Zhuge, X.B., Liu, H.K., Cao, L., Dou, S.X. Coherent behavior and vortex-glass superconductivity in weak-link system $YBa_2Cu_3O_7/SiO_2$ 56276
Zhao, Y. *see* Chan, S.H. 88937
Zhao, Y. *see* Li, H.-Y. 68556
Zhao, Y. *see* Martin, J. 94513
Zhao, Y. *see* Rogers, J.D. 67180
Zhao, Y. *see* Schaffer, G. 67132
Zhao, Y. *see* Wanderer, P. 82422
Zhao, Z.G. *see* Bai, J.Z. 53324
Zhao, Z.Q. *see* Bai, J.Z. 53324
Zhao, Z.T. *see* Guo, Z.Y. 87899
Zhao, Z.X., Che, G.C. Phase formation and effect of quench treatments on superconductivity of the Bi(Pb)-2223 phase 63276
Zhao Aiguo *see* Aiguo Zhao
Zhao An Ping *see* An Ping Zhao
Zhao Baowang *see* Baowang Zhao
Zhao Bin, Xia Ming, Li Zhu Theoretical analysis of testing information-pit shape of optical disc with DPC method 56301
Zhao Binquan *see* Binquan Zhao
Zhao Can *see* Mu Gang 89187
Zhao Chen *see* Jainandunsing, K. 84161
Zhao Chensheng *see* Zhang Wenxiu 100804
Zhao Chi-Mou *see* Chi-Mou Zhao
Zhao Dachun *see* Dachun Zhao
Zhao Dade, Gao Jinrong, Deng Yanmao, Qin Honggui, Tang Binqian, Zhang Wenhui 6 mm microstrip Gunn oscillator using a dielectric resonator 80680
Zhao Dazun *see* Dazun Zhao
Zhao Di Ang *see* Di Ang Zhao
Zhao Dongfeng, Zheng Sumin Analysis of a polling model with exhaustive service 85282
Zhao Donghuan The choice of permittivity in the Cherenkov FEL 50890
Zhao Donming *see* Donming Zhao
Zhao Feng *see* Feng Zhao
Zhao Futan, Zhou Ping, Fan, X.W., von der Linde, D. Measurement of time-dependence of non-linear optical absorption in ZnSe/ZnS multiple quantum well structures 83279
Zhao Gengshen *see* Xiong Shaozhen 71675
Zhao Guoheng *see* Guoheng Zhao
Zhao Guoqin *see* Guoqin Zhao
Zhao Guotian *see* Zhang Ye 85198
Zhao Guoxiang *see* Guoxiang Zhao
Zhao Hanmin *see* Hanmin Zhao
Zhao He *see* Wu Shouyuan 99645
Zhao Hong *see* Zhiglinsky, A.G. 56646
Zhao Hong *see* Hong Zhao
Zhao Honglin, Zhan Zhangqing, Pan Ji The Monte Carlo particle simulation for submicron Si MESFET 62859
Zhao Honglin *see* Pan Ji 72412
Zhao Honglin *see* Pan Ji 82637
Zhao Hongshan *see* Liu Guanyu 100412
Zhao Hua *see* Zhang Jingwen 73080
Zhao Hui *see* Hui Zhao
Zhao Jian *see* Jian Zhao
Zhao Jianai *see* Jianai Zhao
Zhao Jianhua *see* Jianhua Zhao
Zhao Jianmin *see* Jianmin Zhao
Zhao Jianqun *see* Jianqun Zhao
Zhao Jiansen *see* Wang Yifei 82814
Zhao Jiayuan, Yang Quanting, Zhao Weigang Research and application of a new combined coupling power line carrier channel 68294
Zhao Jin-xi A modified conjugate direction method for computing the pseudoinverse 61138
Zhao Jiran *see* Jiran Zhao
Zhao Kai *see* Shi Zhifu 77460
Zhao Ke-Bin *see* Ye Zhong-Ming 100384
Zhao Kebin, Shen Hong A new control method for boost convertor with the characteristics of well-behaved dynamic response 100371
Zhao Kui *see* Kui Zhao
Zhao Li *see* Li Zhao
Zhao Lincheng *see* Lincheng Zhao
Zhao Liu, El Zarki, M. SIR-based call admission control for DS-CDMA cellular systems 65636
Zhao Liying *see* Liying Zhao
Zhao Min *see* Min Zhao
Zhao Mingjun, Li Yulin, Tang Andong Nonlinear eosin and its application to holographic storage 56294
Zhao Mingsheng *see* Mingsheng Zhao
Zhao Muyu *see* Zhao Shanqi 76106
Zhao Ning, Dai Jiazun Uniformly third-order accurate TVNE interpolations 48836
Zhao Ping-Ya *see* Ping-Ya Zhao
Zhao Qing-tai *see* Qing-tai Zhao
Zhao Rongchun A new approach of image segmentation and its application in oil detection 57734
Zhao Rongchun A new method for texture features extraction and segmentation of image 74266
Zhao Rongchun *see* Yang Lixin 77103
Zhao Ru-Wen *see* Ru-Wen Zhao
Zhao Ruwen *see* Ruwen Zhao
Zhao Shangi, Gao Dingsan, Wang Zhengyuan Development of 500 A, 1200 V light triggered triacs 81852
Zhao Shanqi, Xu Baokun, Zhao Muyu, Peng Zuoyan, Cai Hong, Xing Jianli Study on a FET gas sensor using $LaFeO_3$ thin film as a gate sensitive film 76106
Zhao Sheng *see* Zhang Yueqing 83394
Zhao Shengzhi *see* Shengzhi Zhao
Zhao Shijie *see* Yuan Shifu 56499
Zhao Shijie *see* Yuan Shifu 72479
Zhao Shuang-Suo On the stability, consistency and convergence of linear multi-block methods 79714
Zhao Shufang *see* Zhang Yueqing 83394
Zhao Songli, Cao Yijia, Cheng Shijie, Chen Deshu Studies of voltage stability of power system 99541
Zhao Songli *see* Cao Yijia 89053
Zhao Songli *see* Songli Zhao
Zhao Su *see* Fan Zhengfang 86581
Zhao Tiebin *see* Tiebin Zhao
Zhao Tiemin *see* Tiemin Zhao
Zhao Tingjie *see* Tingjie Zhao
Zhao Tong *see* Liu Wei 82256
Zhao Wanjun A suggestion on transmission from Three Gorge Hydro Station to East China System by HVDC lines only 53730
Zhao Wei *see* Wei Zhao
Zhao Weigang *see* Zhao Jiayuan 68294
Zhao Weijiang *see* Zhang Hua-Sheng 53261
Zhao Xiaojian *see* Mao Huishun 98593
Zhao Xin *see* Xin Zhao
Zhao Xin-Guo *see* Liu Wei 82256
Zhao Xingrong *see* Zhou Fangqiao 52865
Zhao Xinmin, Ye Xiaochun, Zhang Chen, Sun Jinwei Artificial neural network for sensor failure detection in an automotive engine 97897
Zhao Xinmin *see* Tong Guangqiu 60922
Zhao Xinmin *see* Tong Guangqiu 95503
Zhao Xinmin *see* Wang Ping 97918
Zhao Xinmin *see* Wang Ping 97951
Zhao Xirong *see* Xirong Zhao
Zhao Xiuwei, Sun Jiaguang Reconstruction of a symmetrical object from a single perspective image 64614
Zhao Xu *see* Xu Zhao
Zhao Yanzeng *see* Yanzeng Zhao
Zhao Ying *see* Luo Yisheng 88081
Zhao Yong-Long *see* Pei Xian-Deng 56217
Zhao Yongchang *see* Zhang Qun 100056
Zhao Youxiong *see* Liu Guanhua 59141
Zhao Yuanfu *see* Zhang Guoqiang 62317
Zhao Yuanfu *see* Zhang Guoqiang 93428
Zhao Yuejin *see* Yuejin Zhao
Zhao Yunbin Global and superlinear convergence for generalized Broyden's class methods 79638
Zhao Yunxin *see* Yunxin Zhao
Zhao Yushan *see* Wang Ping 61791
Zhao Zhengming, Zheng Fungshi, Huan Yingju, Jian Jenming On-line parameter identification for large synchronous machines 60184
Zhao Zhentang, Lin Yuzheng, Wang Hongyuan Beam dynamics characteristic in ½+m cell's harmonic microwave gun 92872
Zhao Zhiqiang *see* Zhiqiang Zhao
Zhao Zhiye *see* Zhiye Zhao
Zhao Zhizheng *see* Yang Yongfeng 98553
Zhao Zhongxian *see* Zhongxian Zhao
Zhao Zhongyong *see* Wang Xiangwu 79812
Zhao Zingrong *see* Hao Jianhua 98003
Zhao Zukang *see* Sun Guocheng 53746
Zhao Zunlin *see* Fu Shuti 59825
Zhao Zuo *see* Zuo Zhao
Zhao-Da Zhu *see* Ming Zhang 57463
Zhao-Da Zhu *see* Ming Zhang 57464
Zhao-Heng Weng *see* De-Gui Sun 94228
Zhao-hui Wang *see* Zhi-guo Lu 82941
Zhao-Hui Wang *see* Zhi-Guo Lu 82944
Zhao-hui Zeng *see* Zeng Zhao-hui
Zhao-hui Zheng *see* Zheng Zhao-hui
Zhao-Jian Huang *see* Huang Zhao-Jian
Zhao-Jon Shan *see* Jian-Cheng Zhang 76104
Zhao-Ying Zhou *see* Zhou Zhao-Ying
Zhao-Yong You *see* You Zhao-Yong
Zhaoan Wang *see* Wang Zhaoan
Zhaochen Huang, Takeuchi, Y., Kunieda, H. Distributed load balancing schemes for parallel video encoding system 64884
Zhaoda Zhu, Zhishun She One-dimensional ISAR imaging of multiple moving targets 85186
Zhaoda Zhu *see* Jinsong Tang 86569
Zhaoda Zhu *see* Jun Yin 74058
Zhaoda Zhu *see* Ming Zhang 83876
Zhaoda Zhu *see* Xiaohui Qiu 83871
Zhaoda Zhu *see* Yiquan Wu 57465
Zhaoda Zhu *see* Yiquan Wu 57466
Zhaoda Zhu *see* Yiquan Wu 85075
Zhaoda Zhu *see* Zhishun She 58451
Zhaoda Zhu *see* Zhishun She 58452
Zhaoda Zhu *see* Zhishun She 85187
Zhaoda Zhu *see* Zhu Zhaoda
Zhaodi Lei *see* Lei Zhaodi
Zhaofei Xiong *see* Xiong Zhaofei
Zhaofeng Huang *see* Graf, D.A. 54557
Zhaoguang Hu *see* Hu Zhaoguang
Zhaohui Huang, Cohen, F.S. Affine-invariant B-spline moments for curve matching 84813
Zhaohui Li A highly reliable intelligent control strategy for hydro turbine governing systems 60119
Zhaohui Yang *see* Yu, F.T.S. 50588
Zhaohui Zhu, Liren Liu Optical threshold-decomposed Boolean-based gray-scale filter 82793
Zhaoji Cheng *see* Cheng Zhaoji
Zhaoji Li *see* Li Zhaoji
Zhaolian Peng *see* Peng Zhaolian
Zhaoming Haung *see* Haung Zhaoming
Zhaoming Qian *see* Qian Zhaoming
Zhaoming Zhang *see* Zhang Zhaoming
Zhaoping Li, Atick, J.J. Efficient stereo coding in the multiscale representation 57698
Zhaoping Zhang *see* Zhang Zhaoping
Zhaoqing Chen *see* Mei, K.K. 50997
Zhaotong Wu *see* Wu Zhaotong
Zhaowei Jiang *see* Grosky, W.I. 51697
Zhaowen Luan *see* Luan Zhaowen
Zhaowen Zhuang *see* Shunping Xiao 86529
Zhaowen Zhuang *see* Shunping Xiao 86559
Zhaowen Zhuang *see* Zhuang Zhaowen
Zhaoxian Zhou *see* Zhou Zhaoxian
Zhaoxiang Ren *see* Ren Zhaoxiang
Zhaoxin Pan, Pfeiffer, J.J., Jr. Adaptive estimation of optical flow from general object motion 96009
Zhaoxing Sun *see* Sun Zhaoxing
Zhaoxu Liu *see* Liu Zhaoxu
Zhaoyi Hu *see* Hu Zhaoyi
Zhaoyin Hao *see* Hao Zhaoyin
Zhaoying Sun *see* Sun Zhaoying
Zhaoying Zhou *see* Changsheng Xu 97792
Zharkov, M.A. *see* Gluhov, V.T. 85574
Zharkov, S.V. Increasing the maneuverability of steam-turbine cogeneration power stations 89669
Zharov, A.A., Zaboronkova, T.M., Kondrat'ev, I.G. Toward a theory of the magnetic instability of an inhomogeneous plasma in the field of a strong electromagnetic wave 64159
Zhdan, A.G., Kozlov, A.M., Klemin, S.N., Ryl'kov, V.V. Low-temperature cell for studies of impurity photoconductivity in a semiconductor under a subnanowatt radiation flux 98257
Zhdan, A.G., Markin, Yu.V., Sumaroka, A.M. Thermal-field generation of minority carriers at the semiconductor-dielectric interface with natural and induced electrical nonuniformity 62332
Zhdan, A.G. *see* Vedeneev, A.S. 55532
Zhdanok, O.M. *see* Ivanov, V.V. 72278
Zhdanov, O.P., Shatalov, V.I. The structure of a recursive digital filter without limit cycles and low rounding noise for the case of high-Q digital filtering 64523
Zhdapov, E.Yu. *see* Grigor'evskii, V.I. 82224
Zhe Bai *see* Zhigang Zhang 57961

Zhe Qu, Subramanian, K., Mainkar, N., Goonewardene, A., Campbell, T., Kakar, S., Kurtz, R.L., Stockbauer, R.L., Mihill, A., Saile, V. Preliminary performance and experiments from the high resolution plane grating monochromator at the center for advanced microstructures and devices 88290
Zhe Zhang *see* Cuk, S. 90167
Zhe Zhang *see* Cuk, S. 100341
Zhe-Jun Yuan *see* Yuan Zhe-Jun
Zhe-Xian Wan The weight hierarchies of the projective codes from nondegenerate quadrics 57397
Zhe-Xian Wan, Smeets, B., Vanroose, P. On the construction of Cartesian authentication codes over symplectic spaces 73730
Zheleva, T. *see* Tiwari, P. 91589
Zhelezko, Yu.S., Stan, V.V. Design of an energy quality monitoring and recording system 99785
Zhelezovskii, E.E., Lazerson, A.G., Ryazantsev, A.L. Dual-frequency generator with strong subharmonic 49200
Zheltikov, A.M., Koroteev, N.I., Fedotov, A.B. Generation of optical harmonics and frequency mixing in a plasma of optical breakdown 73010
Zheludeva, S.I., Kovalchuk, M.V., Novikova, N.N., Sosphenov, A.N., Malysheva, N.E., Salashenko, N.N., Akhsakhalyan, A.D., Platonov, Yu.Yu. X-ray waveguide structures of thin metal-carbon layers 82667
Zhemerov, G.G. *see* Ilyina, N.A. 90262
Zhen Biao Lin *see* Lin Zhen Biao
Zhen Fang *see* Fang Zhen
Zhen Guo, Gui-zhen Gao, Jian-guo Wen, De-fang Cai Compact sealed-off TEA CO_2 laser 82939
Zhen Guo, Gui-Zhen Gao, Jian-Guo Wen, De-Fang Cai Recirculating gas flow, coaxial geometry CO_2 laser 94341
Zhen Han *see* Han Zhen
Zhen Jianhong *see* Jianhong Zhen
Zhen Li *see* Bao Hua Zhuang 75928
Zhen Liu, Towlsey, D. Burst reduction properties of rate-control throttles: Departure process 64984
Zhen Lu *see* Lu Zhen
Zhen Maosheng *see* Luo Enze 92634
Zhen Qi Zhu *see* Bi Zhang 90051
Zhen Ren *see* Ren Zhen
Zhen Shi *see* Shi Zhen
Zhen Tan *see* Loung Goung 57846
Zhen Xi Xu *see* Chang Jiang Zhan 100375
Zhen Zhang, Chungming Tu New bounds for the sizes of radar arrays 97398
Zhen Zhang *see* Chen, O.T.-C. 57718
Zhen Zhang *see* Cover, T.M. 95050
Zhen Zhang *see* Katsavounidis, I. 95710
Zhen Zhang *see* Xiang-Gen Xia 74208
Zhen Zhang *see* Yong, Y.-K. 82189
Zhen-Biao Lin Multi-resolution processing in FM bat sonar 75668
Zhen-chao Wang *see* Hara, M. 82123
Zhen-Hong Zhou, Compton, S., Yang, I., Reif, R. In situ semiconductor materials characterization by emission Fourier transform infrared spectroscopy 54895
Zhen-Kang Shen *see* Wei-Ping Yang 85069
Zhen-Kang Shen *see* Zhi-Yong Li 85072
Zhen-Li Ji Tunneling through rectangular quantum dots at high magnetic fields 81291
Zhen-Liang Ding *see* Ding Zhen-Liang
Zhen-Qi Huang, Feng Wei X-band 50 W high stability Gunn pulsed sources 80714
Zhen-Xin Yu *see* Zhong Ouyang 73002
Zhen-Ya He *see* Xiao-Hu Yu 98918
Zhen-Ya He *see* Xiao-Hu Yu 98919
Zhencai Lin *see* Lin Zhencai
ZhenChuan Zhang *see* Zhang ZhenChuan
Zhendong Niu *see* Niu Zhendong
Zhendong Shi *see* Shi Zhendong
Zhenfeng Guo, Conrad, H. Computer modeling of isothermal low-cycle fatigue of Pb-Sn solder joints 91052
Zheng, B., Michel, J., Ren, F.Y.G., Kimerling, L.C., Jacobson, D.C., Poate, J.M. Room-temperature sharp line electroluminescence at $\lambda = 1.54$ μm from an erbium-doped, silicon light-emitting diode 56568
Zheng, B.Y. *see* Guo, Y.C. 85246
Zheng, C. Opening the digital door: computer networking in China 58107
Zheng, C.E. *see* Giordano, G. 83223
Zheng, C.E. *see* Letardi, T. 94572
Zheng, G.R. *see* Zaheer-Uddin, M. 100956
Zheng, H., Blostein, S.D. Object-oriented image sequence coding using the minimum description length principle 85086
Zheng, H. *see* Wanderer, P. 82422
Zheng, H.Z. *see* Jiang, R.L. 81276
Zheng, J. *see* Rashid, E. 92286
Zheng, J.C., Wang, Z., Liu, Y.W. Influence of humidity on flashover in air in the presence of dielectric surfaces 99733
Zheng, J.F., Liu, X., Weber, E.R., Ogletree, D.F., Salmeron, M. Si donors (Si_{Ga}) in GaAs observed by scanning tunneling microscopy 71103
Zheng, J.F., Ogletree, D.F., Walker, J., Salmeron, M., Weber, E.R. Cross-sectional scanning tunneling microscopy of semiconductor vertical-cavity surface-emitting laser structure 72812
Zheng, J.P., Jiao, K.L., Anderson, W.A., Kwok, H.S. A unity quantum efficiency and nanosecond response time photodetector using porous silicon film 72600
Zheng, J.P. *see* Bai, J.Z. 53324
Zheng, J.P. *see* Ganapathi, L. 66349
Zheng, J.X. *see* Yan, L.G. 83578
Zheng, L. *see* Teng, J. 74059
Zheng, L.S. *see* Bai, J.Z. 53324
Zheng, M. *see* Bai, J.Z. 53324
Zheng, M. *see* Hossain, R. 92058
Zheng, Q., Chellappa, R. Motion detection in image sequences acquired from a moving platform 84987
Zheng, Q., Shin, K.G., Abram-Profeta, E. Transmission of compressed motion video over computer networks 74704
Zheng, Q. *see* Kleis, U. 70240
Zheng, Q. *see* Lin, C.L. 74606
Zheng, R. *see* Campbell, M. 63375
Zheng, R. *see* Clark, A. 88763
Zheng, R.R. *see* Lin, W.X. 56734
Zheng, S. *see* Cardenas-Garcia, J.F. 87537
Zheng, S.Q. *see* Lu, D.L. 53198
Zheng, W.S. *see* Bai, J.Z. 53324
Zheng, W.X. Identification of autoregressive signals observed in noise 57518
Zheng, X. *see* Carns, T.K. 55729
Zheng, X. *see* Wang, S.J. 62875
Zheng, Y. *see* Gag, X. 94607
Zheng, Y. *see* Huang, M.Q. 71930
Zheng, Y. *see* Jiang, G. 57411
Zheng, Y. *see* Seberry, J. 73746
Zheng, Y.D. *see* Jiang, R.L. 81276
Zheng, Y.F. *see* Chichyang Cheng 61151
Zheng, Y.F. *see* Pereira, P. 66411
Zheng, Y.F. *see* Qichao Yin 74936
Zheng, Z. *see* Sun, Z. 79962
Zheng, Z.H. *see* Yang, B.J. 63557
Zheng An Qiu *see* Yalamanchili, R. 70818
Zheng An Qiu *see* Yen-Chu Wang 72275
Zheng Bao *see* Bao Zheng
Zheng Baohua *see* Baohua Zheng
Zheng Baomin *see* Feng Yucai 53259
Zheng Chen, Berger, T. Reliability and availability analysis of Manhattan street networks 52147
Zheng Chen, Berger, T. Performance analysis of random routing algorithm for n-D connected networks 74993
Zheng Chen, Berger, T. Continuous time performance analysis for a hierarchical routing algorithm in Manhattan street networks 74994
Zheng De-Ling *see* De-Ling Zheng
Zheng Erxin *see* Erxin Zheng
Zheng Fengshi *see* Ji Zhiyan 100814
Zheng Fengshi *see* Lin Zebo 100126
Zheng Fungshi *see* Li Guoxiu 100094
Zheng Fungshi *see* Zhao Zhengming 60184
Zheng Guowu *see* Guowu Zheng
Zheng Hu *see* Wei-Ying Li 95302
Zheng Huang Wen *see* Wen Zheng Huang
Zheng Huayao Electric steering engine MC controller using reversal braking mode 90608
Zheng Jian-Xiong *see* Jian-Xiong Zheng
Zheng Jiang, Wu Jing, Xiao Zhixiong, Wei Tongli Silicon bipolar transistors with low-temperature-coefficient current gain 81840
Zheng Jiang *see* Cao Juncheng 62627
Zheng Jiang *see* Cao Juncheng 71565
Zheng Jiang *see* Cao Juncheng 81759
Zheng Jiang *see* Cao Juncheng 81787
Zheng Jiang *see* Wei Tongli 62961
Zheng Jiang Yu *see* Jiang Yu Zheng
Zheng Jie *see* Jie Zheng
Zheng Lanfang *see* Xu Zhengwei 64728
Zheng Li Modeling of the frequency dependent C-V characteristics of neutron irradiated p^+-n silicon detectors after the type inversion in the space charge region 88055
Zheng Li Modeling of the frequency dependent C-V characteristics of neutron irradiated p^+-n silicon detectors after the type inversion in the space charge region 98622
Zheng Li *see* Cong, J. 93529
Zheng Li *see* Jian-Cuo Zhang 59629
Zheng Li *see* Wei Chen 88054
Zheng Liang *see* Tianquan Deng 63864
Zheng Lin *see* Lin Zheng
Zheng Linsheng *see* Mao Huishun 98593
Zheng Nan-Ning *see* Nan-Ning Zheng
Zheng Nanning *see* Nanning Zheng
Zheng Qi *see* Qi Zheng
Zheng Qin *see* Qin Zheng
Zheng Qionglin *see* Qionglin Zheng
Zheng Shengnan *see* Zhu Shengyun 88331
Zheng Shi-Hai *see* Shi-Hai Zheng
Zheng Sixiao A complex-type focussed magnetron for sputtering 61367
Zheng Sixiao, Sun Guanqing, Wang Peilu, Liu Zhongyang, Jiang Jingyun, Liao Xiaodong Improvement on property and working life of Freeman source 87947
Zheng Sixiao *see* Sixiao Zheng
Zheng Sumin *see* Zhao Dongfeng 85282
Zheng Tan *see* Tan Zheng
Zheng Tang *see* Matsumoto, H. 92314
Zheng Wang, Crowcroft, J. A dual-window model for flow and congestion control 58135
Zheng Wang *see* Chung-En Zah 63780
Zheng Wang *see* Wang Zheng
Zheng Wenxiang *see* Wang Dazhong 89537
Zheng Wenxin *see* Wenxin Zheng
Zheng Xiao Guo *see* Guo Zheng Xiao
Zheng Xiaosong, Wang Shaolin A fuzzy c-means algorithm with the criterion of optimal partition coefficient and entropy 85097
Zheng Xiaosong *see* Wang Shaolin 96119
Zheng Xiulin *see* Xiulin Zheng
Zheng Xu *see* Xu Zheng
Zheng Yang *see* Dehua Han 56197
Zheng Yi, Jiang Gangyi, Zhang Lihe Multi-dimensional information encoding and holo-spectrum display of two-dimensional image 85192
Zheng Yi *see* Jiang Gangyi 84168
Zheng Yi *see* Yi Zheng
Zheng Yi-Ming *see* Wei Guang-Pu 100468
Zheng Yinjun *see* Wang Weili 73083
Zheng Yong *see* Xu Qi-Hua 97932
Zheng Yong-Jian *see* Yong-Jian Zheng
Zheng Youdou *see* Shi Hongtao 50709
Zheng Youdou *see* Youdou Zheng
Zheng Yuanguang *see* Guo Weilian 93350
Zheng Yuliang *see* Yuliang Zheng
Zheng Yungui *see* Yungui Zheng
Zheng Yuping, Jiao Zhixian, Xu Huaqiao, Xia Qiyu The ISA-1 series microprocessor-based substation protection installation 68914
Zheng Zeng *see* Zeng Zheng
Zheng Zhang, Guowen Lu, Yu, F.T.S. Simple method for measuring phase modulation in liquid crystal televisions 94200
Zheng Zhao-hui, Hu Ming-qiang, Du Yan-shen, Zhuo, E. Parameter optimization of TGP generator 89711
Zheng Zhi Hang *see* Bi Mi 85195
Zheng Zhihang, He Dajun, Hu Huiping A novel method of motion estimation using luminance and chrominance blocks 96092
Zheng Zhihao *see* Sun Zhou 61348
Zheng Zhihao *see* Xu Ning 54942
Zheng Zhihao *see* Zhihao Zheng
Zheng Zhou *see* Zhou Zheng
Zheng-Fan Li *see* Jun-Fa Mao 94893
Zheng-Hui He *see* He Zheng-Hui
Zheng-jun Zhang *see* Zhang Zheng-jun
Zheng-Kun Shen *see* Shen Zheng-Kun
Zheng-Ming Wang *see* Wang Zheng-Ming
Zheng-Quan Zhang *see* Zhang Zheng-Quan
Zheng-Shi Wang *see* Wang Zheng-Shi
Zheng-Xu He *see* Doyle, P. 69737
Zheng-Yu Liu *see* Liu Zheng-Yu
Zhengang, Z. *see* Menichetti, E. 59196
Zhengcheng Hou *see* Hou Zhengcheng
Zhengchun Du *see* Du Zhengchun
Zhengding Qiu *see* Hai Liu 84480
Zhengfan Li *see* Li Zhengfan
Zhengfang Fan *see* Fan Zhengfang
Zhenghao Shi, Fairman, F.W. Harmonic retrieval via state space and fourth-order cumulants 64430
Zhenghao Shi, Fairman, F.W. A cumulant-based Hankel approach to direction-of-arrival estimation 74092
Zhenghe Feng *see* Feng Zhenghe
Zhenghong Qian *see* Dingquan Xiao 56099
Zhenghua Deng, Qingzhong Xu, Yungui Zheng, Guoxiang Wan Rechargeable lithium batteries with a polymeric single-ion conductor 68976
Zhengjin Liu *see* Liu Zhengjin
Zhengkai Liu *see* Houqiang Li 77593
Zhengkui Xu *see* Tani, T. 63046
Zhenglian Cai, Bornemann, J. Rigorous analysis of radiation properties of lossy patch resonators on complex anisotropic media and lossy ground metallization 94986
Zhengliang Bu, Guangyu Tu, Deshu Chen Harmonious control between a HVDC simulation's rectifier and inverter 59913
Zhengliang Bu *see* Bu Zhengliang
Zhengme Xiang *see* Shiming Tian 59739
ZhengMin Wang *see* XiaoDong Zhang 53205
Zhengming Yang *see* Yang Zhengming
Zhengming Zhao *see* Zhao Zhengming
Zhengou Wang, Huizhu Lu, Hedrick, G.E., Stone, M. Message delay analysis for CAN based networks 96768
Zhengou Wang, Huizhu Lu, Stone, M. A message priority assignment algorithm for CAN based networks 51860
Zhengqing Liu *see* Liu Zhengqing
Zhengquan Wen *see* Wen Zhengquan
Zhengquan Xu *see* Xu Zhengquan
Zhengrong Liang Detector response restoration in image reconstruction of high resolution positron emission tomography 76896
Zhengrong Shi Growth of polycrystalline-silicon thin films on glass 79890
Zhengsheng Zhang Tighter upper bounds for the average message delay in a $Geom^{[X]}/Geom/N$ queueing system 51804
Zhengtang Liu *see* Guifeng Zhang 56505
Zhengtang Yang *see* Yang Zhengtang
Zhenguo Li *see* Xingzhi Zhang 76409
Zhenguo Shan *see* Shan Zhenguo
Zhengwei Du, Chengli Ruan Comment on "Electromagnetic missile launched from a uniform current sheet of arbitrary shape" 57133
Zhengwei Xu *see* Xu Zhengwei
Zhengxiu Fan *see* Fan Zhengxiu

Zhengyou Zhang On local matching of free-form curves 84667
Zhengyou Zhang Iterative point matching for registration of free-form curves and surfaces 95782
Zhengyuan Wang *see* Wang Zhengyuan
Zhenhai Zhang *see* Zhang Zhenhai
Zhenhe Fang *see* Fang Zhenhe
Zhenhua Li, Qikang Fan, Fuzheng Zhou, Jianwei Ma, Qiang Xue Self-frequency doubling of a laser diode array pumped Q-switched NYAB laser 56664
Zhenhua Xie *see* Moon, T.K. 85265
Zhenhua Zhou *see* Zhou Zhenhua
Zhenhuan Ye *see* Ye Zhenhuan
Zhenhuang Luo *see* Luo Zhenhuang
Zhenhui Gou *see* Gou Zhenhui
Zhenjiang, M., Yuan Baozong A NN image understanding system for maps and animals recognition 74421
Zhenjiang Miao *see* Miao Zhenjiang
Zhenjin Lin *see* Lin Zhenjin
Zhenkang Shen *see* Haixin Chen 95697
Zhenli Huang *see* Huang Zhenli
Zhenli Yu *see* Yu Zhenli
Zhenmin Chen, Van Ness, J.W. Space-contracting, space-dilating, and positive admissible clustering algorithms 57877
Zhenming Zhang *see* Zhang Zhenming
Zhenning Liu, Eastham, A.R., Dawson, G.E. Further studies on an improved finite element method for moving conductor eddy current problems 83496
Zhenping Chen *see* Chen Zhenping
Zhenqin Guo *see* Guo Zhenqin
Zhenrong Jin *see* Jin Zhenrong
Zhensheng Zhang, Acampora, A. A heuristic wavelength assignment algorithm for multihop WDM networks with wavelength routing and wavelength reuse 65767
Zhensheng Zhang, Acampora, A.S. Performance analysis of multihop lightwave networks with hot potato routing and distance-age-priorities 86350
Zhensheng Zhang, Rubin, I. Bounds on the mean system-size and delay for a movable-boundary integrated circuit and packet switched communications channel 51743
Zhensheng Zhang *see* Duanyang Guo 65819
Zhensheng Zhang *see* Ortega, A. 64687
Zhenshi Chen *see* Chen Zhenshi
Zhentang Zhao *see* Zhao Zhentang
Zhenxi Wang *see* Jifan Hu 71926
Zhenxi Wang *see* Jifan Hu 72000
Zhenxi Xiao *see* Bangjiao Ye 59205
Zhenxiang Han *see* Shengchun Bi 78053
Zhenxiang Han *see* Han Zhenxiang
Zhenya He, Chenwu Wu, Jun Wang, Ce Zhu A new vector quantization algorithm based on simulated annealing 95229
Zhenya He *see* Ce Zhu 73773
Zhenya He *see* Cuntai Guan 95357
Zhenya He *see* Hanyu Liu 86227
Zhenyu Guo, Durand, L.-G., Lee, H.C. The time-frequency distributions of nonstationary signals based on a Bessel kernel 74074
Zhenzhong Pan *see* Pan Zhenzhong
Zhenzhou Guo, Della Torre, E. 3-D micromagnetic modeling of domain configurations in soft magnetic materials 63173
Zhenzhou Guo, Della Torre, E. The effects of closure domains on flux conduction in thin film recording head 72114
Zherebtsov, G.A. *see* Afraimovich, E.L. 88758
Zherlitsyn, A.G. *see* Azarkevich, E.I. 55506
Zherzdev, A.V. *see* Moroz, G.K. 81508
Zhewang Ma, Yamashita, E. Space wave leakage from higher order modes on various planar transmission line structures 83743
Zhewang Ma, Yamashita, E. Leakage characteristics of groove guide having a conductor strip 94901
Zhezhelenko, I.V., Lobanova, O.V., Stepanov, V.P. Simplified methods of estimating the parameters of equivalent correlation functions for load curves 59841
Zhgoon, S., Yakunin, V., Ananchenko, V., Joffrin, J., Prieur, J.-Y. Processing of HTcS antenna microbolometers 66359
Zhgoon, S.A., Kalinin, V.A., Orlov, S.A., Dunaev, B.N. Unidirectionality in dispersive SAW transducers 55324
Zhi Chen Further results on difference triangle sets 95121
Zhi Chen Six new binary quasi-cyclic codes 95203
Zhi Ding Blind equalization based on joint minimum MSE criterion 51289
Zhi Ding, Li, Y. On channel identification based on second-order cyclic spectra 64254
Zhi Han, Chunguang Liang Recent development of power static induction transistors in China 81930
Zhi Han *see* Han Zhi
Zhi Hang Zheng *see* Zheng Zhi Hang
Zhi He Xiao *see* Hong Cheng Yin 76157
Zhi Hong Liu *see* Zhi-Jian Ma 82074
Zhi Hu, Jensen, D.H., Holtoug, J.U. Construction of CCC resistance ratio bridge 87429
Zhi Qin *see* Qin Zhi
Zhi Zhou, Kok-Meng Lee Characterisation of a three degree-of-freedom variable reluctance spherical motor 100089
Zhi-Dong Zhang *see* Zhang Zhi-Dong
Zhi-Fang Zhang *see* Xiang-Wen Chen 92469
Zhi-Feng Ying *see* Zhong-Min Ren 48961
Zhi-Gong Wang, Berroth, M., Nowotny, U., Hofmann, P., Hulsmann, A., Kohler, K., Raynor, B., Schneider, J. 7.5 Gb/s monolithically integrated clock recovery circuit using PLL and 0.3-μm gate length quantum well HEMT's 86316
Zhi-Gong Wang, Berroth, M., Seibel, J., Hofmann, P., Hulsmann, A., Kohler, K., Raynor, B., Schneider, J. 19 GHz monolithic integrated clock recovery using PLL and 0.3 μm gate-length quantum-well HEMTs 92341
Zhi-Guo Bai *see* Ide, K. 100133
Zhi-Guo Lu, Zhao-Hui Wang, Andrews, D.A., King, T.A. Investigation of RF excited Xe laser 82944
Zhi-guo Lu, Zhao-hui Wang, Chang-jun Zhu Study of discharge area in RF excitation CO_2 lasers 82941
Zhi-Hua Zhong, Nilsson, L. Contact-impact algorithms on parallel computers 91398
Zhi-Jian Ma, Zhi Hong Liu, Krick, J.T., Huang, H.J., Cheng, Y.C., Chenming Hu, Ko, P.K. Optimization of gate oxide N_2O anneal for CMOSFET's at room and cryogenic temperatures 82074
Zhi-Jian Ma *see* Hyungcheol Shin 93406
Zhi-Jian Ma *see* Mansun Chan 62988
Zhi-Jian Mou Efficient 2-D and multi-D symmetric FIR filter structures 51462
Zhi-Liang Jin *see* Jin Zhi-Liang
Zhi-Liang Wang, Zhang Ling, Luo Sheng 300 kHz quasi-resonant zero-current power source 90175
Zhi-Min Dai, Lei Xu The partial dielectric guiding effects in an ion-ripple laser 63893
Zhi-Min Yuan *see* Yuan Zhi-Min
Zhi-Ping Lou *see* Lou Zhi-Ping
Zhi-Quan Luo One-way communication complexity of computing a collection of rational functions 64894
Zhi-Quan Luo, Tseng, P. On the rate of convergence of a distributed asynchronous routing algorithm 58005
Zhi-Quan Luo, Tsitsiklis, J.N. Data fusion with minimal communication 96124
Zhi-Ren Qiu *see* Qiu Zhi-Ren
Zhi-Ren Qui *see* Zhong Ouyang 73002
Zhi-Yong Li, Zhen-Kang Shen, Bo Liu Detecting and tracking of a moving point target in space-based background with low signal to noise ratio 85072
Zhi-Yong Li *see* Wei-Ping Yang 85069
Zhi-Yuan Shen, Wilker, C. Raising the power-handling capacity of HTS circuits 55385
Zhi-Yuan Shen *see* Lai, Y.S. 70899
Zhi-Yue Lin, Chen, J.DeZ. Time-frequency representation of the electrogastrogram—application of the exponential distribution 59389
Zhi-Zhan Xu *see* Xu Zhi-Zhan
Zhi-Zhong Sun *see* Sun Zhi-Zhong
Zhi-Zhong Wang *see* Yang-Ming Zhu 64452
Zhibao Fu *see* Sadiku, M.N.O. 57189
Zhibi Wang, Kuzay, T.M., Hahn, U., Deming Shu, Dejus, R., Brite, C. Filter and window behavior for the Advanced Photon Source beamline front ends 87761
Zhibi Wang, Kuzay, T.M., Sharma, S.K. Postbuckling behavior of windows subjected to synchrotron radiation X-rays 87760
Zhibi Wang, Nian, T., Ryding, D., Kuzay, T.M. Low-cycle-fatigue behavior of copper materials and their use in synchrotron beamline components 87764
Zhibing Pan *see* Kuo, S.M. 66086
Zhibo Fan *see* Kai-Fong Lee 73496
Zhicai Chen *see* Chen Zhicai
Zhicai Xu *see* Xu Zhicai
Zhicheng Gao *see* Ellingham, M.N. 69709
Zhicheng Guan *see* Guan Zhicheng
Zhicheng Liang *see* Liang Zhicheng
Zhicheng Wang, Hanson, J.V. Codebook optimization by Cauchy annealing 84008
Zhicheng Zhuang *see* Minyao Mao 91472
Zhicong Meng *see* Hoping Zeng 72963
Zhida Lan *see* Shengchun Bi 78053
Zhidao Cao *see* Guolin Wang 86570
Zhidao Cao *see* Rongqing Xu 57462
Zhidareva, T.P. *see* Makarychev, Yu.M. 94752
Zhidkov, A.G. *see* Metselaar, J.W. 62610
Zhidong Song *see* Song Zhidong
Zhifeng Zhang *see* Davis, G. 74046
Zhifu Shi *see* Shi Zhifu
Zhigang Ao *see* Ao Zhigang
Zhigang Feng, Xizhi Shi, Huang, H. An improved adaptive noise cancelling method 84575
Zhigang Liu *see* Liu Zhigang
Zhigang Xiang, Joy, G. Color image quantization by agglomerative clustering 57671
Zhigang Zhang, Hartmann, H.L., Hucang He, Zhe Bai An algorithm for optimal load balancing in a multiple G1/G/1 queueing system 57961
Zhigeng Pan *see* Dan Xu 85658
Zhiglinskii, A.G. *see* Vorotnev, P.A. 63683
Zhiglinsky, A.G., Izmailov, A.M., Smirnova, I.A., Vorotnev, P.A., Fang Xiangyun, Zhao Hong, Zhou Shouhuan Output spectrum of the polychromatic laser with spatial separation of lasing channels 56646
Zhiguo Meng *see* Meng Zhiguo
Zhiguo Zhang, Yu-He Zhang, Changxi Yang, Jin Kang, Shi-Hai Zheng, Yong Zhu, Yan-Song Chen, Xing Wu, Panming Fu Highly efficient self-pumped phase conjugation in barium titanate crystals 94642
Zhiguo Zhang *see* Xuezhou Ding 94577
Zhihai Tian Analysis of electrical aging effects of insulating tools for EHV live working 78151
Zhihang Zhang *see* Huey-Daw Wu 80910
Zhihang Zheng *see* Zheng Zhihang
Zhihao Zheng *see* Zhuo Sun 79896
Zhihao Zheng *see* Zheng Zhihao
Zhihe Zhang *see* Zhang Zhihe
Zhihong Guan *see* Guan Zhihong
Zhihong Jia *see* Jia Zhihong
Zhihong Mai *see* Mai Zhihong
Zhihong Wei *see* Wei Zhihong
Zhihua Wang *see* Gielen, G. 92430
ZhiHuam Liu *see* Liu ZhiHuam
Zhijian He *see* Bouzid, A. 58801
Zhijian Hu, King, G., Zhirun Hu A systolic structure for 2-D digital filters 70768
Zhijian Yang *see* Yang Zhijian
Zhijiang Wang *see* Wang Zhijiang
Zhijiang Yang *see* Wenjie Ren 80034
Zhijin Jiang, Taijie Wang, Yigang Xie, Tao Huang The use of the discriminant analysis method for e π μ separation in BES 67394
Zhijun He *see* He Zhijun
Zhijun Liu *see* Wei Zhao 87338
Zhijun Liu *see* Liu Zhijun
Zhijun Yang *see* Yuanda Cheng 63180
Zhikang Zhang *see* Zhang Zhikang
Zhikuan Chen *see* Chen Zhikuan
Zhili He *see* He Zhili
Zhili Sun *see* Domingo, J. 57940
Zhili Xiao *see* Dingquan Xiao 56099
Zhiliang Chen, Tzung-Yin Lee, Bosman, G. Electrical characterization and modeling of wide-band-gap porous silicon p-n diodes 81774
Zhiliang Fang *see* Fang Zhiliang
Zhiliang Hong *see* Hong Zhiliang
Zhiliang Wang *see* Wang Zhiliang
Zhilin, A.N. *see* Alekseev, V.N. 94406
Zhilinskas, P.Yu. Determination of the distribution of electrical resistance by reconstructive tomography 58942
Zhilitskii, V.F. *see* Ippolitov, I.I. 99926
Zhilu Li, Qunsheng Peng A practical algorithm for 3D image reconstruction and rendering 88376
Zhilyaev, J.V. *see* Vainshtein, S.N. 81846
Zhilyaev, Yu.V., Kechek, A.G., Lifshitz, Yu.A., Marakhonov, V.M., Simin, G.S., Fedorov, L.M., Chebunina, I.E. GaP field-effect transistors with a Schottky gate for high-temperature integrated circuits 81980
Zhilyaev, Yu.V., Melebaev, D., Nazarov, N., Rud', V.Yu., Rud', Yu.V. Photosensitivity and induced photoleochroism of Au-n-GaP/p-Si two-barrier structures 49815
Zhilyaev, Yu.V., Panyutin, E.A., Fedorov, L.M. High-temperature gallium phosphide field effect transistors 81942
Zhilyaev, Yu.V. *see* Evstropov, V.V. 49816
Zhilyaev, Yu.V. *see* Evstropov, V.V. 55616
Zhilyakov, S.M., Naiden, E.P., Ryabtsev, G.I. Magnetocaloric effect in the CoZn-W hexaferrite system 93879
Zhilyakov, Ye.G. *see* Balabanov, V.V. 98292
Zhimai Xie *see* Xie Zhimai
Zhiman Jiang *see* Jiang Zhiman
Zhimei Xie *see* Xie Zhimei
Zhimeng Teng *see* Teng Zhimeng
Zhimin Liu *see* Liu Zhimin
Zhimin Xu *see* Vai, M. 62727
Zhimin Xu *see* Xu Zhimin
Zhiming Chen, Shiosaki, T. High-reflectivity self-pumped phase conjugation and mechanisms for improvement of response speed 94606
Zhiming Chen, Yago, M., Adachi, M., Skiosaki, T., Kawabata, A. Optical associative memory using $LiNbO_3$:Fe hologram and $BaTiO_3$ phase conjugate mirror 94047
Zhiming Chen *see* Chen Zhiming
Zhiming Shuai *see* Shuai Zhiming
Zhiming Wang *see* Wang Zhiming
Zhiming Zhang *see* Shihong Ma 94647
Zhipeng Wu, Davis, L.E. A method for determination of microwave surface impedance of high-T_c thick film and bulk superconductors 87423
Zhiping Yu *see* Ke-Chih Wu 62647
Zhiqiang Luo *see* Hongjun Xu 85342
Zhiqiang Zhao, Lau, W.S., Choi, A.C.K., Shan, Y.Y. Modulation functions of the reflective optical fiber sensor for specular and diffuse reflection 98019
Zhiqin Shu, Quaicoe, J.E. A PWM current source inverter for medium-frequency induction heating applications 90197
Zhiquan Li, Jinglin Tang, Xiangchun Han, Ming Zhang Two-color ratio pyrometer with optical fibre for over-heating gas 66400
Zhirko, Yu.I. *see* Katerinchuk, V.N. 93061
Zhirnov, V.V., Givargizov, E.I. Chemical vapor deposition and plasma-enhanced chemical vapor

deposition carbonization of silicon microtips 61341
Zhirong Feng *see* Bohn, R.G. 100512
Zhirong Feng *see* Compaan, A.D. 100491
Zhirun Hu *see* Zhijian Hu 70768
Zhisheng Yang *see* Yang Zhisheng
Zhisheng You *see* You Zhisheng
Zhishun She, Zhaoda Zhu Performance evaluation of radar imaging approaches 58451
Zhishun She, Zhaoda Zhu Motion compensation of ISAR in frequency domain 58452
Zhishun She, Zhaoda Zhu Cross-range scaling of inverse synthetic aperture radar 85187
Zhishun She *see* Zhaoda Zhu 85186
Zhitnik, I.A. *see* Mikerov, V.I. 74015
Zhitomirsky, B.M. *see* Yermakov, A.N. 89418
Zhiwei Dong *see* Dong Zhiwei
Zhiwei Wang, Soltis, J.J., Miller, W.C. An improved 2D interpolation scheme using FFT 79689
Zhixian Jiao *see* Jiao Zhixian
Zhixiang Jiang *see* Xisheng Han 100385
Zhixiang Liang *see* Liang Zhixiang
Zhixiang Ying *see* Ying Zhixiang
Zhixing Ren, Meditch, J.S. Bandwidth allocation for broadband multichannel systems 64967
Zhixiong Xiao *see* Xiao Zhixiong
Zhiyan Ji *see* Ji Zhiyan
Zhiyao Zhou *see* Zhou Zhiyao
Zhiye Chen *see* Chen Zhiye
Zhiye Zhao Stress and stress gradient evaluation—a BEM approach 79753
Zhiyi Su *see* Su Zhiyi
Zhiyong Wei *see* Wei Zhiyong
Zhiyong Zhang *see* Zhang Zhiyong
Zhiyou Xu *see* Xu Zhiyou
Zhiyu Tian, Shiyuan Yang, Shibai Tong An approximate method for computing performance-related reliability of gracefully degrading systems 61045
Zhiyu Wen *see* Xiangxin Zhong 64326
Zhizeng Luo *see* Luo Zhizeng
Zhizhang Shen, Drexel, P., Urbach, L. Packet delay prediction in datagram mesh systems 51785
Zhizheng Zhao *see* Zhao Zhizheng
Zhizhin, G.V. *see* Chumak, G.M. 82945
Zhizhong Guo *see* Guo Zhizhong
Zhizhong Song, Jinxiang Yu A Freeman ion source for oxygen ions in an implanter 53240
Zhizhong Song *see* Fangqing Zhang 70155
Zhizhong Song *see* Song Zhizhong
Zhizhong Xu *see* Xu Zhizhong
Zhmakin, I.N. *see* Parygin, V.N. 82755
Zhmendak, A.V. *see* Dolinsky, A.V. 87852
Zhmurova, Z.I. *see* Sharonov, M.Yu. 83031
Zho Hanying *see* Hanying Zho
Zhogov, S.A., Timerov, R.Kh. Selective dissolution of polymers and the evolution of the contour of polymer resists 71444
Zholents, A. *see* Donald, M. 66879
Zhon, Y. *see* Byrnes, C.I. 73991
Zhong, E. *see* Chen, S. 60539
Zhong, G.P. *see* Bai, J.Z. 53324
Zhong, H. *see* Zhou, P. 73407
Zhong, J., Adrian, R.J., Huang, T.S. Interpolation of multidimensional random processes with application to fluid flow 87602
Zhong, J.P. *see* Tzou, H.S. 93800
Zhong, Q., Inniss, D. Polymer, silica optical fiber interfaces studied by atomic force microscopy 94094
Zhong, Q. *see* Inniss, D. 82597
Zhong, Q. *see* Inniss, D. 94095
Zhong, S., Shi, Q.-Y., Cheng, M.-T. Fast shape from shading based on wavelet transform 57829
Zhong Chen, Wenyuan Xu Studies of defect states in the interface between SiO_2 and a-Si:H films 93488
Zhong Chen *see* Chen Zhong
Zhong Chi Han *see* Chi Han Zhong
Zhong Erkuan *see* Erkuan Zhong
Zhong Fan *see* Fan Zhong
Zhong Fu *see* Fu Zhong
Zhong Guo-Qun *see* Guo-Qun Zhong
Zhong Ji *see* Chen, G. 76150
Zhong Jingchang Vertical-cavity surface-emitting semiconductor lasers 83151
Zhong Jinliang, Feng Peiti, Tong Fuyao A novel CSI variable frequency drive system based on digital system 100801
Zhong Lefan *see* Lefan Zhong
Zhong Liang Sun *see* Ao Sheng Rong 70907
Zhong Liang Sun *see* Ao Sheng Rong 80863
Zhong Liu Xuan *see* Liu Xuan Zhong
Zhong Ouyang, Wen-Ji Peng, Wei-Liang Li, Zhi-Ren Qui, Zhen-Xin Yu Studies on the fine structure of interferometric autocorrelation of ultrashort pulse with femtosecond accuracy 73002
Zhong Peixin *see* Peixin Zhong
Zhong Qian *see* Qian Zhong
Zhong Shun-Shi *see* Shun-Shi Zhong
Zhong Tian *see* Tian Zhong
Zhong Wan *see* Haiyin Sun 63808
Zhong Wen De *see* Wen De Zhong
Zhong Xiangxin *see* Xiangxin Zhong
Zhong Xuechu *see* Mao Huishun 98593
Zhong Yang *see* Peng Jiang 100224
Zhong Yiping *see* Qian Songrong 96253
Zhong Yuanyuan *see* Xie Jialin 72933
Zhong Zhantian *see* Du Quangang 70011
Zhong Zhi-Hua *see* Zhi-Hua Zhong
Zhong-he Wang, Shi-hong Pan, Lu-wei Li, Hua-kuan Lin, Yi-sheng Gong Effect of chemical treatment on the photoreflectance of semi-insulating GaAs 81536
Zhong-lie Wang *see* Ke-Ming Wang 93116
Zhong-lie Wang *see* Qing-tai Zhao 55716
Zhong-lie Wang *see* Tian-bing Xu 55715
Zhong-Min Ren, Zhi-Feng Ying, Xia-Xing Xiong, Mao-Qi He, Fu-Ming Li, Yuan-Cheng Du, Liang-Yao Cheng Study of the growth of thin nitride films under low-energy nitrogen-ion bombardment 48961
Zhong-Ming Ye *see* Ye Zhong-Ming
Zhong-Shou Huang Analysis of the noise factor of an avalanche photodiode operated in charge-storage mode 82811
Zhong-tang Wu *see* Wu Zhong-tang
Zhong-Ying Zhang *see* Zhang Zhong-Ying
Zhongahan Liu *see* Liu Zhongahan
Zhongbao Chen *see* Chen Zhongbao
Zhongcheng Li *see* Youli Min 85304
Zhongde Wang, Jullien, G.A., Miller, W.C. Recursive algorithms for the forward and inverse discrete cosine transform with arbitrary length 74144
Zhongdi Pei *see* Pei Zhongdi
Zhongfu Zhang *see* Boliong Chen 48797
Zhonggang Zeng *see* Li, T.Y. 79695
Zhonggao Ji *see* Lizhi Liu 99528
Zhonghe Bo *see* Lagoudas, D.C. 93732
Zhonghong Wang *see* Wenhua Liu 60114
Zhonghong Wang *see* Wang Zhonghong
Zhonghua Wu *see* Yuzhe Chen 48688
Zhonghua Zhang *see* Zhang Zhonghua
Zhongkan Liu *see* Mingyong Zhou 64451
Zhongkang Sun *see* Sun Zhongkang
Zhongke Shi *see* Shi Zhongke
Zhongliang, J., Guawei, Z., Hongren, Z. A quick algorithm of neural combinatorial optimization to data association problem of multimaneuvering target tracking 64531
Zhongliang Jing *see* Jing Zhongliang
Zhongliang Lu *see* Gangyao Kuang 86563
Zhongliang Wan *see* Wan Zhongliang
Zhonglin Gao *see* Gao Zhonglin
Zhonglin Sun *see* Sun Zhonglin
Zhongmin Wang *see* Bangjiao Ye 59205
Zhongmin Wen, Abe, H. Characteristics and alternating modulation of $Y_1Ba_2Cu_3O_{7-y}$ superconducting flux flow transistors 82364
Zhongming Chen *see* Ji-Yan Chen 80892
Zhongming Deng *see* Deng Zhongming
Zhongming Shi, Mieville, J.-P., Dutoit, M. Random telegraph signals in deep submicron n-MOSFET's 71655
Zhongning Dai *see* Dai Zhongning
Zhongqi Jin *see* Jin Zhongqi
Zhongqi Yao *see* Shihong Ma 94647
Zhongren Ma *see* Ma Zhongren
Zhongsheng Lai *see* Allegretto, W. 66268
Zhongsheng Lai *see* Allegretto, W. 87332
Zhongsheng Xu *see* Xu Zhongsheng
Zhongtai Qian *see* Qian Zhongtai
Zhongting Zhang *see* Zhang Zhongting
Zhongtuo Wang *see* Yanfeng Sun 91322
Zhongwen Chen *see* Chen Zhongwen
Zhongwen Gao *see* Gao Zhongwen
Zhongxi Hui *see* Hui Zhongxi
Zhongxi Wu *see* Wu Zhongxi
Zhongxian Zhao *see* Wei Zhao 87338
Zhongyan Guo *see* Guo Zhongyan
Zhongyang Liu *see* Sixiao Zheng 53241
Zhongyang Liu *see* Liu Zhongyang
Zhongyang Wang *see* Wang Zhongyang
Zhongying Pan *see* Pan Zhongying
Zhongyong Zhao *see* Zhao Zhongyong
Zhongyuan Cheng *see* Cheng Zhongyuan
Zhongyuan Ni *see* Xiuzhi Li 89868
Zhongzhi Zhang *see* Xianyun Luo 77708
Zhongzhi Zhang *see* Zhang Zhongzhi
Zhou, B., Bose, N.K. A unified approach to data association in multitarget tracking 84335
Zhou, B. *see* Adam, A. 88087
Zhou, B. *see* Adam, A. 88102
Zhou, B. *see* Adriani, O. 88023
Zhou, B. *see* Ahlen, S. 98641
Zhou, B. *see* Ahlen, S.P. 59097
Zhou, B. *see* Rao, C.R. 64432
Zhou, C. *see* Auckland, D.W. 99465
Zhou, C. *see* Fan, M. 76680
Zhou, C. *see* Goldenberg, A.A. 78880
Zhou, C. *see* Squillante, M.R. 59119
Zhou, C.G. *see* Kanai, Y. 98123
Zhou, D., Spee, R., Wallace, A.K. Model reference adaptive speed control for doubly-fed machines 100859
Zhou, D., Spee, R., Wallace, A.K. Laboratory control implementations for doubly-fed machines 100860
Zhou, D., Tsui, F., Cong, J.S., Gao, D.S. A distributed-RCL model for MCM layout 54532
Zhou, D., Tsui, F., Gao, D.S. Performance layout based on moment matching method 82018
Zhou, D.Q. *see* Chen, Y.G. 53239
Zhou, E., Du Yan-shen, Hu Ming-qiang, Zeng Zhao-hui, Yi Pu-ji, Liu Hao, Xiao Yong-gang Optimization CAD system for large hydrogenerator 89723
Zhou, E.Z. Functional sensitivity concept and its application to power system damping analysis 59682
Zhou, F. *see* Zhou, F.S. 53216
Zhou, F.S., Wu, X.Y., Zhou, F., Zhang, H.X., Zhang, X.J. Measurement of some parameter on MEVVA ion source 53216
Zhou, F.S. *see* Zhang, H.X. 53225
Zhou, G., Smith, G.S. The multiturn half-loop antenna 73490
Zhou, G. *see* Kishk, A.A. 51237
Zhou, G.L., Huang, F.Y., Fan, F.Z., Lin, M.E., Morkoc, H. Observation of negative-differential-resistance in strained n-type Si/SiGe MODFETs 71714
Zhou, G.P. *see* Bai, J.Z. 53324
Zhou, G.X., Yu, C. Wujing thermal power plant 2×300 MW, Shanghai, China 78430
Zhou, H. *see* Clarricoats, P.J.B. 51243
Zhou, H. *see* Fife, A.A. 93943
Zhou, H. *see* Fulin Xiong 94638
Zhou, H. *see* Hell, P. 48774
Zhou, H.L. *see* Huang, J. 83676
Zhou, H.S. *see* Bai, J.Z. 53324
Zhou, J., Hui, R., Caponio, N. Spectral linewidth and frequency chirp of four-wave mixing components in optical fibers 50941
Zhou, J., O'Mahony, M.J. Optical transmission system penalties due to fiber polarization mode dispersion 97296
Zhou, J., Park, N., Vahala, K.J., Newkirk, M.A., Miller, B.I. Broadband wavelength conversion with amplification by four-wave mixing in semiconductor travelling-wave amplifiers 56918
Zhou, J., Song, J.J., Kustom, R.L. Coupling impedance of vacuum pumping holes for the APS storage ring 87713
Zhou, J. *see* Bai, J.Z. 53324
Zhou, J. *see* Drozhdin, A.I. 87838
Zhou, J. *see* Lasseter, R.H. 53643
Zhou, J. *see* Lasseter, R.H. 77946
Zhou, J. *see* Wang, L. 75097
Zhou, J.-H. *see* Masuda, A. 92930
Zhou, J.M. *see* Mao, J.M. 71158
Zhou, J.W., de Marcillac, P., Artzner, G., Coron, N., Goldbach, C., Leblanc, J., Nollez, G., Stroke, H.H. Bolometric detection of the recoil spectrum in the alpha decay of ^{210}Po 98538
Zhou, J.W. *see* Coron, N. 59152
Zhou, L., Wigen, P.E., Boyd, E.p., Deng, H., Shore, S.G. Synthesis and evaluation of magnetic thin films 48970
Zhou, L. *see* Kamadolli, S. 68354
Zhou, M. *see* Bai, J.Z. 53324
Zhou, M. *see* Benetti, P. 67327
Zhou, M. *see* Benetti, P. 67328
Zhou, M. *see* Cennini, P. 67285
Zhou, M. *see* Cennini, P. 76755
Zhou, M.-J., Holleman, J., Wallinga, H. Elimination or minimisation of optoelectronic crosstalk between photodiodes and electronic devices in OEIC on Si 56590
Zhou, N. *see* Krishnan, A. 91643
Zhou, P., Colestock, P.L., Junck, K., Crawford, C.A. Measurement of escaping ions in the Fermilab antiproton accumulator 87879
Zhou, P., Colestock, P.L., Werkema, S.J. Trapped ions and beam coherent instability 87920
Zhou, P., Rahman, M.A., Jabbar, M.A. Field circuit analysis of permanent magnet synchronous motors 78607
Zhou, P., Zhong, H. Application of BEM for calculating the parameters of cables and transmission lines 73407
Zhou, P. *see* Bo Lu 83105
Zhou, P. *see* Cheng, J. 82866
Zhou, P. *see* Czilli, J.C. 61633
Zhou, Q., Lai, A.K.Y. Effective method for solving electromagnetic problems 83453
Zhou, Q. *see* Ciavola, G. 53164
Zhou, Q.F., Han, Y., Zhang, L.Y., Yao, X. Optical properties of $PbTiO_3$/epoxy 0-3 fine composites 56290
Zhou, R., Vaihinger, S., Geckeler, K.E., Gopel, W. Reliable CO_2 sensors with silicon-based polymers on quartz microbalance transducers 66532
Zhou, R. *see* Wang, Y. 53674
Zhou, S. *see* Gill, D.S. 85656
Zhou, S. *see* Kuzyk, M.G. 82553
Zhou, S.A. Analysis of high-frequency properties of superconducting waveguide 55366
Zhou, S.T. *see* Liao, H.H. 75491
Zhou, S.X., Hoiier, R. Magnetic behavior and phase composition of CeDidymium-Fe-B sintered magnets with additions of Si, Co and Dy_2O_3 50195
Zhou, T., Isenhour, T.L., Marshall, J.C. Object-oriented programming applied to laboratory automation. 3. The standard robot interface protocol for the Analytical Director 66124
Zhou, T. *see* Meyers, P.V. 100492
Zhou, W. *see* Endo, K. 100346
Zhou, W.Y. *see* Mao, J.M. 71158
Zhou, X. Novel method of calculating the characteristic impedance of a coaxial transmission line of arbitrary cross-section 94892
Zhou, X., Charsley, P., Bangert, U. TEM studies of strain relaxation in $Ga_xIn_{1-x}As$ strained-layer

multiple quantum well structures grown by MOCVD with InP and quaternary barriers 81312
Zhou, X., Dorrer, E. A non-error reconstruction of multiresolution discrete wavelet representation and its fast algorithm 57584
Zhou, X., Heberlein, J., Pfender, E. Theoretical study of factors influencing arc erosion of cathode 62040
Zhou, X., Tan, H.S. Monte Carlo formulation of velocity-field characteristics and expressions for $Al_xGa_{1-x}As$ 71556
Zhou, X. *see* Bryant, C.F. 83708
Zhou, X. *see* Rieder, A. 54653
Zhou, X. *see* Rieder, A. 95500
Zhou, X.Q., Ruhle, W.W., Schullatz, P., Kocevar, P., van Driel, H.M., Ploog, K. A new approach to the hot-phonon effect on carrier cooling in GaAs 62187
Zhou, X.Q. *see* Heberle, A.P. 62266
Zhou, Y.H. *see* Bai, J.Z. 53324
Zhou, Y.P. *see* Lin, W.X. 56734
Zhou, Y.Q. *see* Xue, S.Q. 86846
Zhou, Y.R., Watkins, L.R. Reducing nonlinear waveform distortion in IM/DD systems by optimized receiver filtering 86484
Zhou, Y.R. *see* Watkins, L.R. 65804
Zhou, Y.S., Tiersten, H.F. An elastic analysis of laminated composite plates in cylindrical bending due to piezoelectric actuators 93775
Zhou, Y.S. *see* Bai, J.Z. 53324
Zhou, Z. *see* Chen, Y.W. 94186
Zhou, Z.-B., Wu, Q.-H., Liu, C.-C. Microfabricated thin-film microelectrode for amperometric determination of CO_2 in the gas phase 98171
Zhou, Z.H., Yang, I., Kim, H., Yu, F., Reif, R. Real-time in situ epitaxial film thickness monitoring and control using an emission Fourier transform infrared spectrometer 91498
Zhou Bangyin Discussion concerning a classical problem in electrostatics field 94727
Zhou Baoqing *see* Wang Biao 80760
Zhou Bin *see* Bin Zhou
Zhou Bingkun *see* Bingkun Zhou
Zhou Changhe *see* Changhe Zhou
Zhou Chen *see* Chen Zhou
Zhou Chengke *see* Chengke Zhou
Zhou Chonghua *see* Chonghua Zhou
Zhou DanHong *see* DanHong Zhou
Zhou Ding-Xuan *see* Ding-Xuan Zhou
Zhou Dingwen *see* Li Hong 56733
Zhou Donghua, Sun Youxian Simulation based comparison study of six recursive estimation algorithms with forgetting factor 48757
Zhou Dongru Geometrical transformation of binary images represented by digital search tree 64613
Zhou Dongyan *see* Dongyan Zhou
Zhou E *see* Lin Heyun 73231
Zhou Erzhuan *see* Erzhuan Zhou
Zhou Fan *see* Fan Zhou
Zhou Fangqiao, Hao Jianhua, Yi Xinjian, Zhao Xingrong, Sun Handong, Li Zaiguang A principle of operation for high temperature superconducting infrared detector with grain boundary structure 52865
Zhou Fangqiao *see* Hao Jianhua 98003
Zhou Feng *see* Wang Zhuding 99557
Zhou Fengsheng *see* Zhang Huixing 98492
Zhou Fuzheng, Chen Youming, Hu Wentao, Wang Zhijiang New progress and potential applications of laser-diode-pumped solid-state lasers 83029
Zhou Fuzheng *see* Shan Zhenguo 50787
Zhou Fuzheng *see* Fuzheng Zhou
Zhou Gan *see* Gan Zhou
Zhou Guangming, Zhou Shaoying, Sun Yikang Optimal excitation control of synchronous generators using adaptive regulation 100111
Zhou Guixing, Zhang Ming, Sun Dechang The study of real-time simulation of synchronous generator and its excitation system for AVR tests and adjusts 68119
Zhou Guo-Gang *see* Guo-Gang Zhou
Zhou Guo-Zhong *see* Guo-Zhong Zhou
Zhou Guofu, Ji Guoliang A new nonuniform phase quantization method of digital RF memories 67969
Zhou Guosheng *see* Song Yanrong 72319
Zhou Guotong *see* Guotong Zhou
Zhou Hanchang, Pan Deheng, Lan Jinhui A dynamic calibration system for transcient surface temperature transducers 97995
Zhou Hanying *see* Hanying Zhou
Zhou Hong *see* Hong Zhou
Zhou Hongmei, Yang Xingwei, Lou Men The combined application of the geographical information system and the remote sensing 67785
Zhou Hongmei *see* Yang Xingwei 67911
Zhou Hongren *see* Jing Zhongliang 84237
Zhou Huaichun, Han Caiyuan Simulation study on dynamic analysis of stability of tangential combustion process. I. Analytic model 53919
Zhou Huaichun, Han Caiyuan Simulation study on dynamic analysis of stability of tangential combustion process. II. Results and analysis 53920
Zhou Huashi *see* Zhu Yongsheng 76392
Zhou Jianchu *see* Tu Pingliang 54267
Zhou Jianhui *see* Jianhui Zhou
Zhou Jianliang *see* Li Xianjie 87980
Zhou Jianping *see* Jianping Zhou
Zhou Jianqun *see* Liu Guanhua 59141
Zhou Jie *see* Lu Liwu 81329
Zhou Jin-Zhi *see* Xu Zhi-Zhan 82890
Zhou Jing *see* Jing Zhou
Zhou Jing-Li, Yu Rong-Feng, Yuan Shuang-Qing, Yu Sheng-Sheng Test magnetic strip with grey predicting control 56233
Zhou Jing-Rong *see* Jing-Rong Zhou
Zhou Jinming *see* Han Yingduo 53600
Zhou Jinming *see* Min Yong 89111
Zhou Jun *see* Jun Zhou
Zhou Jun-si *see* Jun-si Zhou
Zhou Le-Zhu Theoretical analysis of 3D nonlinear electromagnetic resonant cavities 94930
Zhou Lezhu Problems and development of finite element method for microwave and optical devices 64174
Zhou Li *see* Li Zhou
Zhou Libing, Xiong Yongqian, Xu Shizhang Analysis of the stator circulating current of the two-speed salient-pole synchronous machines 89889
Zhou Lin *see* Lin Zhou
Zhou Liuding The calculation of two-dimensional convolutions by polynomial transforms and the W transforms 61213
Zhou Liwei *see* Ni Guoqiang 92909
Zhou Liwei *see* Zhang Ling 94743
Zhou Man-Li *see* Tu Jin 58629
Zhou Minbao *see* Cao Jiangtao 100115
Zhou Mingtian *see* Xin Tao 85723
Zhou Mingyong *see* Mingyong Zhou
Zhou Na *see* Na Zhou
Zhou Nansheng *see* Sun Tietun 75996
Zhou Pei-De, Guo Shi-Lun, Brandt, R., Vater, P. Study of 14.2 MeV/N $^{238}U+^{nat}U$ heavy ion reaction using muscovite mica track detector 88169
Zhou Ping *see* Zhao Futan 83279
Zhou Ping *see* Ping Zhou
Zhou Qihou *see* Qihou Zhou
Zhou Qin *see* Qin Zhou
Zhou Qingjie, Hao Yuguo, He Renmu, Yang Yihan Using the parallel second-order predictor-corrector algorithm for dynamic real-time simulation of synchronous generator 99435
Zhou Qingjie, Hao Yugou, He Renmu, Yang Yihan Dynamic real-time simulation of synchronous generator based on parallel processing technique 99436
Zhou Qingshan *see* Qingshan Zhou
Zhou Qingzhong *see* Sun Anna 98149
Zhou Qinhai *see* Hou Xuguang 77993
Zhou Quanren *see* Yu Xichang 77903
Zhou Quianzhi *see* Quianzhi Zhou
Zhou Renzhong *see* Chen Anshi 80379
Zhou Rujing *see* Lim Kia Yong 95327
Zhou Rujing *see* Rujing Zhou
Zhou Shaochen *see* Qian Fengchun 52422
Zhou Shaomin *see* Shaomin Zhou
Zhou Shaoying, Jing Shuqing, Chu Fangjie The application of modern control theory to brushless motor 89802
Zhou Shaoying *see* Zhou Guangming 100111
Zhou Shixin *see* Yao Liangzhong 59811
Zhou Shouhuan *see* Zhiglinsky, A.G. 56646
Zhou Shouzeng *see* Shouzeng Zhou
Zhou Shu-Xin *see* Shu-Xin Zhou
Zhou Shuliang *see* Shuliang Zhou
Zhou Shutong *see* Shutong Zhou
Zhou Sixing *see* Yuan Ping 53220
Zhou Su-Wei *see* Su-Wei Zhou
Zhou Sun *see* Sun Zhou
Zhou Suquan, Gao Zhongwen, Liu Youbin, Liu Zhuo Electrical power system state forecasting and estimation 99619
Zhou Suwei *see* Suwei Zhou
Zhou Tang *see* Tang Zhou
Zhou Tao *see* Gong Dawei 75995
Zhou Tianrong *see* Tianrong Zhou
Zhou Ting-Yang *see* Ting-Yang Zhou
Zhou Wang-Long *see* Wang-Long Zhou
Zhou Wei *see* Wei Zhou
Zhou Weiming, Ding Hongbin, Qi Bing, Wang Yi Temperature dependence of light source for optical-fiber pressure sensor 94294
Zhou Xiao Qian Energy system and its future in China 53685
Zhou Xiaochuan *see* Du Quangang 70011
Zhou Xiaomai, Xiong Zhaofei, Huang Tiexia On evaluating the performance of error-correcting codes in lasercom PPM systems with direct detection 86492
Zhou Xiaoqun *see* Xiaoqun Zhou
Zhou Xiaoxin *see* Hu Zhaoguang 53711
Zhou Xiaoxin *see* Wang Xiaohong 53593
Zhou Xiaoxin *see* Wu Shouyuan 99645
Zhou Xide, Qiu Ruichang Research on the technology of microcomputer-controlled video frequency testing and signal processing 75897
Zhou Xing *see* Xing Zhou
Zhou Xiuguang *see* Zhang Xiaoming 77501
Zhou Xiuhua *see* Ma Xianmin 100806
Zhou Xiuming *see* Hu Xuehao 99835
Zhou Xuesong *see* Xuesong Zhou
Zhou Ya-Xun *see* Shu David 58971
Zhou Yali *see* Guo Qingding 100811
Zhou Ye *see* Sheng-Yuan Chu 82805
Zhou Ye *see* Ye Zhou
Zhou Yi, Chen Yixin Comparison of strip electrodes of guidedwave electrooptical devices with phase reversal structures 72437
Zhou Yi, Qiu Wei, Chen Yixin Temperature stability of integrated optical asymmetric Mach-Zehnder modulators 56411
Zhou Yi *see* Dai Hongwei 99616
Zhou Yinqing *see* Li Chunsheng 84563
Zhou Yishao *see* Yishao Zhou
Zhou Yiyu, Sun Zhongkang Observability for radar passive detection and location 65865
Zhou Yong *see* Shen Defang 72066
Zhou Yongsheng ZZ3 theorem and its application 61171
Zhou Yongsheng *see* Mao Huishun 98593
Zhou Yu Rong *see* Yu Rong Zhou
Zhou Yuan-Hua *see* Yuan-Hua Zhou
Zhou Yuanhua, Quan Shuyuan, Liu Huijuan Map recognition with computer 51607
Zhou Zexin *see* Liu Zenghuang 99573
Zhou Zhao-Ying, Xiong Shen-Shu, Li Yong Dynamic parameter estimation based on spectral analysis and its application in mechanic-electric systems 95488
Zhou Zhaoxian *see* Hu Dazhang 83693
Zhou Zhaoying *see* Zhaoying Zhou
Zhou Zhen-Hong *see* Zhen-Hong Zhou
Zhou Zheng *see* Liu Rong 85370
Zhou Zheng *see* Wu Jian-Hua 95519
Zhou Zhenhua *see* Xiong Shaozhen 71675
Zhou Zhi *see* Zhi Zhou
Zhou Zhiyao, Jing Chunyang, Zhang Shaofeng, Zhu Lizhou, Lin Fucheng Extracavity modulation of a single-frequency dye laser and its application in spectral measurement 72436
Zhou Zhuyin *see* Zhuyin Zhou
Zhou Zuoping, Lin Wei Study of the method for measuring liquid density by optical waveguide 53062
Zhou Zuyao *see* Zuyao Zhou
Zhou Zuyou *see* Zuyou Zhou
Zhou-Hongmei *see* Yang-Xingwei 77694
Zhu, B., Nyairo, K.O., White, I.H. Dual-wavelength picosecond optical pulse generation using an actively mode-locked multichannel grating cavity laser 50898
Zhu, B. *see* Asghari, M. 94442
Zhu, B. *see* Fu, S.-L. 49772
Zhu, B. *see* Pappert, S.A. 56422
Zhu, C.S. *see* Cai, W.Z. 79851
Zhu, D. *see* Iravani, M.R. 77989
Zhu, D.H. *see* Liu, B.X. 49920
Zhu, D.S. *see* Champenois, G. 69036
Zhu, F. *see* Bonse, M.H.W. 58685
Zhu, G.S. *see* Bai, J.Z. 53324
Zhu, H., Higham, E.H., Amadi-Echendu, J.E. Assessing plant condition from analysis of pressure and differential pressure measurement signals 98349
Zhu, J. Conversion of Earth-centered Earth-fixed coordinates to geodetic coordinates 75683
Zhu, J., Hamada, N. Design of 2-D FIR filter using hybrid domain approximation 61797
Zhu, J. *see* Chan, C.C. 60158
Zhu, J.-G., Ye, X.-G. Narrow track recording in perpendicular thin film media 50305
Zhu, J.-G. *see* Chang, T. 56214
Zhu, J.-G. *see* Min, T. 50298
Zhu, J.-G. *see* Takano, H. 50299
Zhu, J.-G. *see* Vos, M.J. 50286
Zhu, J.-G. *see* Ye, X.-G. 50323
Zhu, J.-M. *see* Huffer, W.E. 76964
Zhu, J.G., Ramsden, V.S. Two dimensional measurement of magnetic field and core loss using a square specimen tester 53024
Zhu, J.G. *see* Arnoldussen, T.C. 72115
Zhu, J.G. *see* Xiao, D.Q. 93746
Zhu, K., Wong, D.F. Switch bound allocation for maximizing routability in timing-driven routing of FPGAs 92102
Zhu, K., Wong, D.F. Clock skew minimization during FPGA placement 92106
Zhu, L. *see* Stinson, D.R. 61109
Zhu, L. *see* Streubel, K. 56792
Zhu, L. *see* Ward, H.N. 69735
Zhu, L. *see* Xu, S. 63405
Zhu, L.D. *see* Lis, R.J. 55940
Zhu, N.Y., Reutter, W.G., Landstorfer, F.M. On the influence of antenna element coupling on directional accuracy of simple interferometers 57227
Zhu, N.Y. *see* Biermann, W.-D. 57208
Zhu, P., Babot, D., Berodias, G., Peix, G., Abbe, S. X-ray coherent scatter in the determination of thickness of a SiC matrix (10-200 μm) surrounding a woven carbon structure 87533
Zhu, Q., Kam, M., Yeager, R. Non-parametric identification of QAM constellations in noise 83919
Zhu, Q. *see* Bird, D. 98533
Zhu, Q.M. *see* Bai, J.Z. 53324
Zhu, Q.S., McLeod, C.N., Denyer, C.W., Lidgey, F.J., Lionheart, W.R.B. Development of a real-time adaptive current tomograph 67555
Zhu, Q.S. *see* Denyer, C.W. 67573
Zhu, S.G. *see* Bai, J.Z. 53324
Zhu, S.N. *see* Liu, J.-M. 72353

Zhu, W. A local TDMA frame/slot synchronization protocol for short range mobile radio networks 52377
Zhu, W., Rajkumar, V., Spee, R., Mohler, R.R. On the analysis of subsynchronous resonance in power systems 77859
Zhu, W., Vest, R.W. 53/47 PZT films by metallo-organic decomposition technology for non-volatile memory applications 56152
Zhu, W., Vest, R.W., Tse, M.S., Rao, M.K., Liu, Z.Q. Characteristics of ferroelectric 60/40 PZT films deposited by metallo-organic decomposition technology for memory applications 63082
Zhu, W. *see* Arezzo, F. 62452
Zhu, W. *see* Kolodziej, W.J. 59853
Zhu, W. *see* Rajkumar, V. 89000
Zhu, W. *see* Wang, Y. 78054
Zhu, W. *see* Xue, Y. 89118
Zhu, W.-P., Ahmad, M.O., Swamy, M.N.S. An analytical method for the frequency-domain least square design of centro-symmetric 2-D FIR filters 80454
Zhu, W.G. *see* Zhang, B.M. 59823
Zhu, W.H. *see* Soreide, N.N. 99248
Zhu, X., Cheng, B., Titterington, D.M. Fractal model of a one-dimensional discrete signal and its implementation 95469
Zhu, X., Xiong, G.C., Liu, R., Li, Y.J., Lian, G.J., Gan, Z.Z. Systematic studies on the growth process of superconducting $YBa_2Cu_3O_{7-\delta}$ and $Bi_2Sr_2CuO_y$ thin films by scanning tunneling microscopy 72204
Zhu, X. *see* Hell, P. 48774
Zhu, X. *see* Pan, G. 54519
Zhu, Y., Hua, Y. Spectral estimation of two-dimensional, NMR signals by matrix pencil method 84471
Zhu, Y. *see* Kim, D. 90433
Zhu, Y.-M., Gao, A.-J. Necessary and sufficient condition on convergence and robustness for a class of iterative algorithms with applications in adaptive filtering 64544
Zhu, Y.C. *see* Bai, J.Z. 53324
Zhu, Y.S., Leung, S.W. Comment on "Parseval relationship of nonuniform samples of one- and two-dimensional signals" 74204
Zhu, Y.S. *see* Bai, J.Z. 53324
Zhu, Y.T. *see* Yang, G.-R. 92973
Zhu, Z., Abe, T., Sasaki, Y., Fukuma, Y., Banno, K., Yao, T., Takehara, J., Kitagawa, M. Metalorganic molecular beam epitaxy of III-V compounds for solar cell application 91432
Zhu, Z., Ebisutani, T., Takebayashi, K., Tanaka, K., Yao, T. Molecular beam epitaxy of ZnSe doped with nitrogen on vicinal (100)-oriented and (211)-oriented GaAs substrates 69998
Zhu, Z., Gibson, C., Samuel, A.H., Matthews, I.P. Measurement of gas concentrations by means of the power saturation technique in a microwave cavity spectrometer 58896
Zhu, Z., Joyce, J., Seger, C. Verification of the Tamarack-3 microprocessor in a hybrid verification environment 55308
Zhu, Z. *see* Yao, T. 71278
Zhu, Z.H. *see* Lin, C.H. 63843
Zhu, Z.Q. *see* Atallah, K. 78537
Zhu, Z.Q. *see* Xia, Z.P. 54135
Zhu Ben-Ren, Wang Gui-Song Stability of the Lanczos algorithm in solving large inverse spectral problems 69844
Zhu Bin *see* Bin Zhu
Zhu Ce *see* Ce Zhu
Zhu Chang-Chun *see* Chang-Chun Zhu
Zhu Chang-jun *see* Chang-jun Zhu
Zhu Changxin *see* Changxin Zhu
Zhu Chongguang *see* Hu Baoxin 77584
Zhu Chun-Yi *see* Ma Da-Ming 100088
Zhu Chunyi *see* Li Chongjian 89912
Zhu Chunyi *see* Li Yaohua 100248
Zhu Dayong *see* Wan Zuowen 73081
Zhu De-Rui *see* Lin Wei-Zhu 50751
Zhu Dezhang *see* Liu Huizhen 98719
Zhu Dong-qi *see* Dong-qi Zhu
Zhu Dongqi *see* Dongqi Zhu
Zhu Fang *see* Fang Sili 77994
Zhu Furong *see* Furong Zhu
Zhu Fuying *see* Liu Huizhen 98719
Zhu Guangxi *see* Lo Huiguo 84562
Zhu Hengjun *see* Hengjun Zhu
Zhu Hongwei *see* Wang Xu 72382
Zhu Hui *see* Hui Zhu
Zhu Jia-Lin *see* Jia-Lin Zhu
Zhu Jian Gang *see* Jian Gang Zhu
Zhu Jian-Gang *see* Jian-Gang Zhu
Zhu Jianguo *see* Jianguo Zhu
Zhu Jianhua *see* Jianhua Zhu
Zhu Jihan *see* Jihan Zhu
Zhu Jin-Laing *see* Jin-Laing Zhu
Zhu Jinkang *see* Jinkang Zhu
Zhu Jinsong *see* Jinsong Zhu
Zhu Jumu *see* Jumu Zhu
Zhu Junfan *see* Chen Hui 80682
Zhu Kaj *see* Kaj Zhu
Zhu Kunlun, Li Huanyi, Lin Yinwen Optic fiber sensor for high temperature molten metal measurement based on double-color pyrometer 66402
Zhu Kunlun *see* Lin Yingwen 52917
Zhu Li *see* Li Zhu
Zhu Lili *see* Song Yanrong 72319
Zhu Lizhi *see* Lizhi Zhu
Zhu Lizhong *see* Lizhong Zhu
Zhu Lizhou *see* Zhou Zhiyao 72436
Zhu Longde *see* Longde Zhu
Zhu Ming-Wu, Wen Xiao-Jian Water shock tube for high pressure dynamic calibration 97960
Zhu Mingguang *see* Mingguang Zhu
Zhu Mingzhe, Zhang Boming, Wang Shiying, Wang Xinfeng, Xiao Bing, Li Dalin A real-time database management system supporting EMS network analysis 68116
Zhu Ning *see* Ning Zhu
Zhu Ning Hua *see* Ning Hua Zhu
Zhu Nongfan *see* Nongfan Zhu
Zhu Pei-ran *see* Pei-ran Zhu
Zhu Pengfei *see* Pengfei Zhu
Zhu Ping *see* Ping Zhu
Zhu Pingping *see* Pingping Zhu
Zhu Pinhua *see* Pinhua Zhu
Zhu Qiling *see* Lu Boying 77184
Zhu Qiuming *see* Qiuming Zhu
Zhu Shengxiang *see* Jiang Xuyang 56391
Zhu Shengyun, Gou Zhenhui, Zheng Shengnan, Li Anli BaF_2 time differential perturbed angular distribution spectrometer 88331
Zhu Shiqun *see* Shiqun Zhu
Zhu Shouyong *see* Chen Keming 80928
Zhu Shouzhen, Shen Shande, Chen Houlian, Jiang Jianmin Effects of the excitation system parameters on power system transient stability studies 59685
Zhu Shouzhen, Shen Shande, Chen Houlian, Jiao Lianwei, Wang Ligang, Xu Wei The direct parameter identification approach for continuous-time model of power system 99440
Zhu Shouzhen *see* Bai Jianhua 99428
Zhu Shouzhen *see* Chen Houlian 99429
Zhu Shouzhen *see* Shen Shande 99515
Zhu Shouzheng Numerical modeling for microwave heating of materials having temperature dependent parameters 100942
Zhu Shouzheng *see* Shouzheng Zhu
Zhu Tongchun *see* Chen Jiansheng 78152
Zhu Tongchun *see* Chen Jiansheng 78153
Zhu Wan-Guo *see* Wan-Guo Zhu
Zhu Wanguo *see* Yuan Bin 53606
Zhu Wendong, Guo Zhizhong, Chen Xueyun A fast calculating method of determining generator transient stability power limit 88973
Zhu Wenhua *see* Wenhua Zhu
Zhu Xiao-Ying *see* Xiao-Ying Zhu
Zhu Xiaohua *see* Gu Hong 74222
Zhu Xiaolei *see* Xiaolei Zhu
Zhu Xiaonong *see* Xiaonong Zhu
Zhu Xiaoyuan *see* Xiaoyuan Zhu
Zhu Xinqiang *see* Zou Jiyan 90259
Zhu Xiwen *see* Xiwen Zhu
Zhu Xuezheng *see* Ye Feng 59017
Zhu Yanbin *see* Yanbin Zhu
Zhu Yang-Ming *see* Yang-Ming Zhu
Zhu Yangming A spectrum space approach to spectral analysis 84564
Zhu Yaoting *see* Lo Huiguo 84562
Zhu Yequi *see* Yequi Zhu
Zhu Yifu *see* Yifu Zhu
Zhu Yimei *see* Yimei Zhu
Zhu Yixin *see* Yixin Zhu
Zhu Yong *see* Yong Zhu
Zhu Yongchang *see* Yongchang Zhu
Zhu Yongli, Yang Yihan, Zhang Wenqin, Gao Su, Hogg, B.W. New methods used in a computer aided restoration system for realtime electric network topology determination and overloads correction 77914
Zhu Yongli, Yang, Y.H., Hogg, B.W., Zhang, W.Q., Gao, S. An expert system for power systems fault analysis 59681
Zhu Yongsheng, Wang Ping, Liu Tiehui, Zhou Huashi Monte Carlo calculation for Bhabha scattering integral cross section of BES luminosity monitor 76392
Zhu Yongtai *see* Liu Guanhua 59141
Zhu Yunmin *see* Yunmin Zhu
Zhu Yunping *see* Zhang Jian 88589
Zhu Zhao-Da *see* Zhao-Da Zhu
Zhu Zhaoda *see* Wu Yiquan 64403
Zhu Zhaoda *see* Wu Yiquan 64404
Zhu Zhaoda *see* Zhaoda Zhu
Zhu Zhaohui *see* Zhaohui Zhu
Zhu Zhen Qi *see* Zhen Qi Zhu
Zhu Zhuliang *see* Qiu Daxiong 69028
Zhu Zimin *see* Zimin Zhu
Zhu Ziqiang *see* Ziqiang Zhu
Zhu Zuhua *see* Wu Xiaoping 98245
Zhuan-Ke Chen, Mizukoshi, H., Sawa, K. Contact erosion patterns of Pd material in DC breaking arcs 61985
Zhuan-Ke Chen, Mizukoshi, H., Sawa, K. Contact resistance characteristics of Ag material in breaking low-load DC arcs 61994
Zhuanfu Jiang *see* Jiang Zhuanfu
Zhuang, A., Shafai, L. Performance of the microstrip disk antenna with a shorting post 64219
Zhuang, B.A. *see* Bai, J.Z. 53324
Zhuang, H. *see* Xie, X. 57873
Zhuang, N. *see* Clarkson, T.G. 49350
Zhuang, N. *see* Hong, Q. 49251
Zhuang, N. *see* Wu, H. 50084
Zhuang, Q.D., Guo, H., Heberlein, J., Pfender, E. Effect of substrate temperature distribution on thermal plasma jet CVD of diamond 70080
Zhuang, W. Adaptive importance sampling for fading channels 73574
Zhuang, W., Krzymein, W.A., Goud, P.A. Adaptive channel precoding for personal communications 86187
Zhuang, W. *see* Lu, A. 92061
Zhuang, X. *see* Haralick, R.M. 85126
Zhuang, X.F. The control theory and implementation of AC-AC matrix converter 100233
Zhuang, X.F. *see* Huber, L. 60529
Zhuang, Y., Baras, J.S. Optimal wavelet basis selection for signal representation 57582
Zhuang, Y.H. *see* Zhao, B. 83145
Zhuang Bao Hua *see* Bao Hua Zhuang
Zhuang Chengsan *see* Chengsan Zhuang
Zhuang Hanqi *see* Hanqi Zhuang
Zhuang Jiejia *see* Xie Jialin 72933
Zhuang Xinhua *see* Xinhua Zhuang
Zhuang Xuezeng On VME mm-wave devices 81134
Zhuang Yan *see* Lue Shanwei 95033
Zhuang Yuan *see* Yuan Zhuang
Zhuang Zaowen *see* He Songhua 86564
Zhuang Zhaowen *see* Chen Zhenping 86562
Zhuang Zhaowen *see* Xiao Huaitie 75634
Zhuang Zhaowen *see* Zhaowen Zhuang
Zhuang Zhicheng *see* Zhicheng Zhuang
Zhubo Huang *see* Demarest, K. 73567
Zhuck, N.P., Batrakov, D.O. Inverse scattering problem in the polarization parameters domain for isotropic layered media: solution via Newton-Kantorovick iterative technique 73250
Zhuding Wang *see* Wang Zhuding
Zhuen Han *see* Han Zhuen
Zhuge, X.B. *see* Zhao, Y. 56276
Zhuk, N.P. Boundary-condition transformation in problems of electromagnetic-wave scattering by an uneven impedance surface 64127
Zhuk, S.Ya., Gorbachevskii, S.K. Adaptive filtration of the Doppler range rate measurer of errors determined by the nature of the reflecting surface 52661
Zhukov, A.E. *see* Egorov, A.Yu. 54910
Zhukov, A.E. *see* Egorov, A.Yu. 91449
Zhukov, A.E. *see* Ledentsov, N.N. 91450
Zhukova, L.A. *see* Voronkov, V.V. 54820
Zhukova, L.A. *see* Voronkov, V.V. 61316
Zhukovsky, A. *see* Williams, J.E.C. 82412
Zhuliang Zhu *see* Zhu Zhuliang
Zhulina, E.M., Izraitel, A.G., Kishcha, P.V., Lukashkin, V.M. Testing of models of regular and auroral absorptions on shortwave radio links 64140
Zhunguang Duan *see* Duan Zhunguang
Zhuo, E. *see* Zheng Zhao-hui 89711
Zhuo Fang *see* Liu Jinjun 99606
Zhuo Liu *see* Liu Zhuo
Zhuo Sun, Zhihao Zheng, Ning Xu Surface defects play an essential role in diamond nucleation by CVD 79896
Zhuo Sun *see* Sun Zhuo
Zhuo Yunshang *see* Zhang Zhikang 53360
Zhuobin Chen *see* Ogunfunmi, T. 95567
Zhuoliang, C. *see* Nakajima, T. 50435
Zhuravlev, G.A. *see* Galushkin, M.G. 56630
Zhuravlev, G.A. *see* Galushkin, M.G. 56834
Zhuravlev, G.A. *see* Galushkin, M.G. 56835
Zhuravlyov, V.B. *see* Ryzhkov, A.V. 88782
Zhurminskii, I.L. *see* Panasiuk, L.M. 73144
Zhuxiang Zhang *see* Zhang Zhuxiang
Zhuyan Xu *see* Xu Zhuyan
Zhuyin Qin *see* Qin Zhuyin
Zhuyin Zhou *see* Yuehui Yu 71092
Zhvalevskii, A.V. *see* Burov, L.I. 56645
Zi Dong Liu, Bloch, D., Ducloy, M. Absolute active frequency locking of a diode laser with optical feedback generated by Doppler-free collinear polarization spectroscopy 72874
Zi-Guo Dai *see* Chaochin Su 62487
Zi-Jiang Yang *see* Ide, K. 100133
Zi-Jiang Yang *see* Run-De Qi 69163
Zi-qiang Yang *see* Yang Zi-qiang
Zi-Qin Wang, Sznaier, M., Batarseh, I., Junyu Bu Robust control design for a conventional series resonant converter using μ-synthesis 100345
Zi-Qin Wang *see* Juanyu Bu 100278
Zia, O., Bhattacharya, P.K., Singh, J., Brock, T. Voltage tunable multiple quantum well distributed feedback filter with an electron beam written Schottky grating 82708
Zia, V. *see* Sandrasegaran, K. 90837
Ziad, H., Spirkovitch, S., Marty, J., Baillieu, F., Rigo, S., Milne, N. Novel process for the fabrication of top-drive double stator micromotor on glass 68655
Ziad, H. *see* Milne, N.G. 90039
Ziaja, T.A., Swartzlander, E.E., Jr. Boundary scan in board manufacturing 81030
Zianzhong Xu *see* Xu Zianzhong
Ziari, M. *see* MacDougal, M.H. 72802
Zibarev, A.V. On possibility of creation of azathiene molecular wires for primitive intramolecular electronic devices 71018
Zibei Zhang *see* Liren Liu 63515
Zibei Zhang *see* Liren Liu 74442

Ziberna-Sujica, M., Dubrovski, P.D. Computer-aided determination of the tensile strength of staple fibre threads from the fibre blend 76217
Zibrov, A.S. *see* Weimer, C.S. 86923
Zibulski, M., Zeevi, Y.Y. Frame analysis of the discrete Gabor-scheme 57556
Zichichi, A. *see* Ahlen, S. 98641
Zichichi, A. *see* Beaumont, S.P. 88037
Zichichi, A. *see* Crotty, I. 67347
Zichichi, A. *see* Lin, Q. 94756
Zichichi, A. *see* Nava, F. 98507
Zidek, H.P., Baghai-Wadji, A.R. Proposed elemental charge distributions in finite-aperture SAW-device models 56191
Zidek, H.P., Baghai-Wadji, A.R., Manner, O. Full-wave 3D analysis of wave scattering on SAW-structures with finite aperture 93828
Zidek, P.D. Lane position tracking 87544
Ziechmann, W. *see* von Borstel, D. 68950
Ziecikiewicz, J. *see* Mosinski, F. 98244
Ziegler, C.D. Automating program generation for assembly equipment 81051
Ziegler, G. *see* Krebs, R. 99764
Ziegler, G. *see* Matla, W. 100201
Ziegler, M., Tengler, W., Starck, A. Coding scheme and hardware structure of a high-rate digital HDTV codec with partly error-free encoding 66045
Ziegler, M. *see* Balling, P. 83238
Ziegler, P. *see* Schreiter-Gasser, U. 53428
Ziegler, R. *see* Hezel, R. 100649
Ziegler, U. Cost effective provision of B-ISDN services based on heterogeneous network architectures and scenarios 65426
Ziegler, U. *see* Honig, K. 75064
Ziegler, U. *see* Honig, K. 75138
Ziegler, W. *see* Tvarozek, V. 66513
Zielichowski, M. Influence of turbogenerator neutral point grounding on overvoltages due to earth faults 89781
Zielichowski, M., Fulczyk, M. Influence of the capacitances-to-earth of generator circuit-breakers upon the operation of earth-fault protection of generator-transformer units 100063
Zielinski, A., Coates, R., Wang, L., Saleh, A. High rate shallow water acoustic communication 97368
Zielinski, A. *see* Lixue Wu 97462
Zielinski, E., Baums, D., Haisch, H., Klenk, M., Kuhn, E., Satzke, K., Schilling, M. Integrated quantum well modulators for very high speed transmission systems 56434
Zielinski, E. *see* Cebulla, U. 65812
Zielinski, E. *see* Haisch, H. 86520
Zielinski, K., Gajecki, M., Czajkowski, G. Parallel programming systems for LAN distributed computing 65402
Ziemann, O. All-electrical simulation of an optical FSK-system including phase and thermal noise 97251
Ziemann, P. *see* Downar, H. 56272
Ziemann, V. Corrector ironing in the SLC final focus 66986
Ziemann, V. *see* Corbett, W.J. 66871
Ziemann, V. *see* Corbett, W.J. 66873
Ziemann, V. *see* Corbett, W.J. 67237
Ziemann, V. *see* Emma, P. 66874
Ziemann, V. *see* Raimondi, P. 66867
Ziemann, V. *see* Raimondi, P. 66868
Ziemer, F., Rosenthal, W. Measurement of two-dimensional wave energy spectra during SAXON-FPN'90 99263
Ziemer, F. *see* Hennings, I. 59566
Ziemer, F. *see* Hennings, I. 99246
Zien, J.Y. *see* Chan, P.K. 80017
Ziencikiewicz, J. *see* Mosinski, F. 82167
Zienkiewicz, O.C. *see* Bottura, L. 82458
Zienko, S.I., Brytkov, V.V. Synchronization of pulse edges by magnetically coupled shaping lines 60297
Zientara, G.P., Panych, L.P., Jolesz, F.A. Dynamically adaptive MRI with encoding by singular value decomposition 98863
Ziera, E. *see* Mahvan, N. 50293
Zieren, V., de Jongh, M., van Groenou, A.B., van Zon, J.B.A., Lasinski, P., Theunissen, G.S.A.M. Ultrathin wear-resistant coatings for the tape bearing surface of thin-film magnetic heads for digital compact cassette 75796
Zieren, V., Somers, G., Ruigrok, J., de Jongh, M., van Straalen, A., Folkerts, W., Draaisma, E., Pronk, F., Mitchell, T. Design and fabrication of thin film heads for the digital compact cassette audio system 50257
Zietkiewicz, C.J. *see* Knecht, B.A. 82908
Zifan He, Chang'an Cai, Tiejian Luo Study and implement of parallel algorithms in image processing based on YH supercomputer 96111
Ziff, R. *see* O'Connor, D. 88217
Zigang Xiang, Joy, G. Feedback-based quantization of color images 64648
Ziganshina, E.Kh., Kizevetter, V.E., Rybakov, V.F., Firsov, A.V. Parameters of dry annular zones at the surface of a wet, dirty voltage-limiter cover 59972
Zigao Li *see* Li Zigao
Zigliotto, M. *see* Bolognani, S. 69098
Zigmund, R.E. *see* Medicherla, T.K.P. 60392
Zijlstra, A.A. *see* Pottasch, S.R. 86636
Zijun Yan *see* Yan Zijun
Zika, J., Beale, J., Purushotham, V. Real time processor-in-the-loop simulation using PCs 53497
Zikria, A.F. *see* Mosleh, A. 89546
Zil'berman, G.Ye., Goltvyanskiy, I.N., Reznichenko, A.M. Theoretical and experimental investigation of spectral resolution at the second first-order Bragg angle in paratellurite 94220
Zilberstein, E. *see* Carmel, O. 79457
Zilberstein, V.A. *see* Sirois, R.H. 89648
Zili Deng *see* Deng Zili
Ziling, C.C. *see* Kolosovskaya, A.E. 72449
Zilinskas, A. *see* Mathar, R. 65080
Zilka, Z., Braun, J., Col, K. Application of singular value decomposition (SVD) to node fault diagnosis 61483
Zilko, J.L. *see* Bo Lu 50582
Zilouchian, A., Erdol, N. The block optimal realization of denominator-separable 2-D digital filters 80486
Zilouchian, A., Huang, Z. A note on evaluation of the quantization error in denominator-separable 2-D recursive filters 57568
Zilouchian, A., Huang, Z. On highly modular systolic structures for separable-in-denominator 2-D digital filters 70748
Zilouchian, A. *see* Knight, T. 90047
Zimakov, V.P. *see* Generalov, N.A. 72959
Ziman, J., Hrabcak, M., Zagyi, B., Kone, M. Circular magnetization and magnetoresistance in some Co-based amorphous alloys 72028
Zimenko, V.I. *see* Petrov, V.V. 72288
Zimin, L.B., Zolotarenko, Yu.P., Malashenko, E.N. Maintenance of desired temperatures in underground hydroelectric generators by the use of the energy of compressed air 53966
Zimin, S.A. *see* Bushnin, Yu.B. 76832
Zimin, S.P. Hall effect in low-resistivity porous silicon 71067
Zimin, V., Hussain, F. High-aperture raster holography for particle imaging 73164
Zimin Zhu Color pattern recognition in an image system with chromatic distortion 95663
Zimmer, A. *see* Krafcsik, I. 53122
Zimmer, B. *see* Gorski, J. 92770
Zimmer, C. *see* Kahrs, M. 84220
Zimmer, C. *see* Limberger, H.G. 63398
Zimmer, C. *see* Morgan, R.A. 87390
Zimmer, Ch. *see* Fonjallaz, P.Y. 50498
Zimmer, G. *see* Abel, H.B. 93640
Zimmer, G. *see* Banerjee, S. 51270
Zimmer, G. *see* Streil, T. 58691
Zimmer, M. Stripline filters with absorbent substrate as interference suppression filters 80576
Zimmer, M. *see* Burger, J. 98570
Zimmer, W.J. *see* Weitz, R.L. 54662
Zimmeramn, J. *see* Demortier, L. 59090
Zimmerman, B. *see* Busta, H. 82806
Zimmerman, B.J. *see* Busta, H.H. 62076
Zimmerman, B.J. *see* Busta, H.H. 81121
Zimmerman, B.J. *see* Busta, H.H. 92881
Zimmerman, B.J. *see* Pogemiller, J.E. 62075
Zimmerman, D.E., Palmquist, M., Kiefer, K., Vest, D., Long, M., Tipton, M., Thomas, L. Enhancing electrical engineering students' communication skills—the baseline findings 90817
Zimmerman, E.W. *see* Lee, Y.S. 99883
Zimmerman, K. Cutting fuel leak testing time at River Bend 99905
Zimmerman, M. *see* Duncan, S.W. 80780
Zimmerman, M.A. The technology of molded multichip modules 54492
Zimmerman, R.A., Biggs, H.C., Anderson, A.L. Bioacoustic surveys of planktonic sound scatterers and of their diel and seasonal variability in the northwest Gulf of Mexico 77559
Zimmerman, S. *see* Gonzalez, H.L. 74734
Zimmerman, T., Sarraj, M., Yarema, R.J. Design of an advanced readout chip for silicon strip detectors 67371
Zimmerman, T. *see* Britton, C.L. 71809
Zimmerman, T. *see* Ketseoglou, T. 97087
Zimmerman, T. *see* Yarema, R.J. 59200
Zimmermann, B. *see* Ken-An Lou 98050
Zimmermann, B.D. Compatibility of multiplexed optical fiber sensors with optical communications systems onboard military and commercial aircraft 59503
Zimmermann, G., Rupprecht, W. Application of a simplified Fano metric to adaptive receivers for digital mobile radio systems 65700
Zimmermann, G. *see* Surig, C. 63176
Zimmermann, H. *see* Hagmann, H. 52517
Zimmermann, J. *see* de Murcia, M. 55554
Zimmermann, P. *see* Ensle, J. 70581
Zimmermann, P.Z., Schaar, A., Goldapp, M. View-simulation at Volkswagen 60585
Zimmermann, R., Curiger, A., Bonnenberg, H., Kaeslin, H., Felber, N., Fichtner, W. A 177 Mb/s VLSI implementation of the International Data Encryption Algorithm 49487
Zimmermann, R. *see* McDonald, K.C. 67870
Zimmermann, S. *see* Andresen, J. 88067
Zimmermann, T. Application of CDMA (code division multiple access) in mobile communications 65684
Zimmermann, T. *see* Klein, A. 65683
Zimmermann, U. *see* Abela, R. 76400
Zimmermann, U. *see* Meyberg, M. 76396
Zimmermann, U. *see* Waeber, W.B. 87938
Zimmermann, W. *see* Burger, J. 98570
Zimmert, G., Hofmann, G., Jecksties, R., Kraft, R., Schneider, E. Return conductors in catenary system on the Magdeburg-Marienborn line 69118
Zimnyakov, D.A., Lepestkin, S.A., Polyakov, I.I. The algorithms of nonlinear digital filtering for the homodyne speckle interferometer signal processing 74353
Zimnyakov, D.A., Tuchin, V.V., Utts, S.R. A study of statistical properties of partially developed speckle fields as applied to the diagnostics of structural changes in human skin 88361
Zin, A.A.M. *see* Muda, Z.B. 99755
Zina, A.A.M. *see* Yaacob, P.Z. 99524
Zina Ben-Miled, Tiemann, J.J., Helbig, W.A., Fortes, J.A.B. On the design of inphase and quadrature filters for delay compensation 84369
Zinchenko, A. *see* Meinke, R. 76603
Zinchenko, A. *see* Tsyganov, E. 76609
Zinchenko, M.I. *see* Agalakov, Yu.G. 82552
Zinchenko, S.I. *see* Baibekov, V.I. 76574
Zinchenko, S.P., Ivanov, I.G., Sem, M.F. Characteristics of pulsed mercury- and thallium-vapor ion lasers with discharge in a hollow cathode 63637
Zinchenko, S.P., Ivanov, I.G., Sem, M.F. Spectral and power output characteristics of the pulsed $He\text{-}Hg^+$ and $Ne\text{-}Tl^+$, hollow cathode lasers with charge transfer excitation 94352
Zinck, J.J. *see* Rajavel, D. 61284
Zincke, C., Gaitan, M., Zaghloul, M.E., Linholm, L.W. Test structures for determining design rules for microelectromechanical-based sensors and actuators 66232
Zindal, S.N. *see* Khurana, M.M. 58574
Zindulis, A. *see* Vaitkus, J. 82801
Zingales, G. Errors and uncertainties in measurements: a linguistic or a technical problem? 75804
Zinger, D. *see* Pathomkasikul, W. 68738
Zinger, D.S. *see* Cabrera, L.A. 100131
Zinger, D.S. *see* Elbuluk, M.E. 68765
Zinger, D.S. *see* Mir, S. 100847
Zinger, D.S. *see* Mir, S.A. 60235
Zinger, D.S. *see* Mir, S.A. 68636
Zinger, M.N. *see* Leizerovich, A.Sh. 53933
Zinger, N.M., Lysko, V.V., Baibakov, S.A. Energy conservation measures for an urban district heat-supply system 78350
Zingrong Zhao *see* Zhao Zingrong
Zinin, E.I. *see* Apolonsky, A.A. 56831
Zink, F.E., McCollough, C.H. The measurement of radiation dose profiles for electron-beam computed tomography using film dosimetry 88588
Zink, L. *see* Che-Chung Chou 86910
Zink, L.R., Galvao, G.P., Evenson, K.M., Vasconcellos, E.C.C. Far infrared laser frequencies of $^{13}CD_3OH$ 72694
Zink, L.R. *see* Maki, A.G. 82930
Zink, L.R. *see* Vasconcellos, E.C.C. 94340
Zink, M. *see* Freeman, A. 88850
Zink, M. *see* Heel, F. 77713
Zinkann, G.P. *see* Pardo, R.C. 76297
Zinke, T. *see* Presting, H. 94460
Zinke, T. *see* Wolf, T. 48943
Zinke-Allmang, M., Puddephatt, S.C., Lowes, T.D. Thin film growth effects related to the propensity for clustering 91510
Zinkernagel, J. A low-voltage and high-frequency ac-dc transfer system using inductive dividers 86840
Zinkler, F. *see* Gungerich, V. 80846
Zin'kovskii, Yu.F., Nelin, E.A. Highly selective phase-weighted SAW converters 56186
Zinneman, T. *see* Den Hartog, P. 76300
Zinneman, T.E. *see* Carwardine, J.A. 78717
Zinner, A. *see* Voigtlander, B. 91497
Zinner, G. *see* Riehle, F. 86874
Zino, M. *see* Lai, L.L. 59691
Zinov, V.G., Mar'in, N.A., Selikov, A.V. A multirange time-to-digital converter 52778
Zinovev, N.N., Akimov, A.V., Challis, L.J., Jezierski, A.F., Henini, M. Far-infrared emission from two-dimensional electron and hole gases in GaAs/(AlGa)As heterojunctions 62286
Zinoviev, V.A. *see* Moreno, O. 69718
Zinovjev, V.G. *see* Nikulin, A.D. 83563
Zinser, K., Frischenschlager, F. Multimedia's push into power 78359
Zinsilowski, F. *see* Matla, W. 100201
Zinsmeyer, K. *see* Weihua Jiang 54113
Zinterhof, P., Salchegger, M. Numerical inversion of multivariate Laplace transforms using a parallel system 61185
Zinth, W. *see* Hamm, P. 98006
Zinzindohoue, P. Variations of typical cold field emission parameters: research of conditions ensuring optimum operational performance 71031
Zio, E. *see* Marseguerra, M. 89509
Ziobro, F. *see* Delahoy, A.E. 90438
Ziock, H.J., Boissevain, J.G., Holzscheiter, K., Kapustinsky, J.S., Palounek, A.P.T., Sondheim, W.E., Barberis, E., Cartiglia, N., Leslie, J., Pitzl, D., Rowe, W.A., Sadrozinski, H.F.-W., Seiden, A., Spencer, E., Wilder, M., Ellison, J.A., Fleming, J.K., Jerger, S., Joyce, D.,

Lietzke, C., Reed, E., Wimpenny, S.J., Ferguson, P., Frautschi, M.A., Matthews, J.A.J., Skinner, D. Temperature dependence of radiation damage and its annealing in silicon detectors 76767
Ziogas, P. *see* Vincenti, D. 99487
Ziogas, P.D. *see* Braz, C.A. 60335
Ziogas, P.D. *see* Campos, A. 78007
Ziogas, P.D. *see* Espinoza, J.R. 60349
Ziogas, P.D. *see* Moschopoulos, G. 68849
Ziogas, P.D. *see* Pande, M. 60347
Ziogas, P.D. *see* Zargari, N.R. 60355
Ziogas, P.D. *see* Zargari, N.R. 90161
Ziolkoski, M. *see* Sikora, R. 87452
Ziolkowski, M. *see* Dahmen, M. 87984
Ziolkowski, M. *see* Sikora, R. 53032
Ziolkowski, R.W., Rudkins, J.B. Nonlinear finite-difference time-domain modeling of linear and nonlinear corrugated waveguides 82648
Ziolkowski, R.W. *see* Davidson, D.B. 50444
Ziomek, C. *see* Grippe, J. 70309
Ziomek, C. *see* Jachim, S.P. 67230
Ziomek, C. *see* Nguyen, D.C. 83193
Ziomek, C.D., Denney, P.M., Regan, A.H., Lynch, M.T., Jachim, S.P., Eaton, L.E., Natter, E.F. Results of adaptive feedforward on GTA 76516
Ziomek, L.J. Sound-pressure level calculations using the RRA algorithm for depth-dependent speeds of sound valid at turning points and focal points 59583
Ziou, D., Fabre, J.-P. Rotation invariance in edge detection 85173
Ziou, D., Fabre, J.-P. Effects of edge orientation on the performance of first-order operators 95653
Zipagan, R. *see* Vullo, T. 88364
Zipfel, B. *see* Kleinod, M. 53154
Ziping Jiang, McCall, M. Fast time dynamics of a coupled laser system-the Ginzburg-Landau equation 94555
Zipp, J. *see* Enns, M. 68292
Zipperian, T.E. *see* Baca, A.G. 71734
Zipperian, T.E. *see* Hietala, V.M. 70814
Zipse, D.W. Electric and magnetic fields: equipment and methodology used for obtaining measurements 58936
Zipse, D.W. Lightning protection systems: advantages and disadvantages 59993
Zipse, D.W. Lightning protection systems: advantages and disadvantages 89358
Zipse, D.W. *see* Howard, R.S. 68314
Zipse, D.W. *see* Lindsey, T. 68313
Zipse, H. *see* Hamann, N.H. 67312
Zipser, L., Wachter, F. Gas analysis with non-selective sensors 66567
Ziqiang Zhu *see* Ohtsuka, T. 70028
Ziqin Wu *see* Wu Ziqin
Zirath, H., Chi, C.-Y., Rorsman, N., Rebeiz, G.M. A 40 GHz integrated quasi optical slot HFET mixer 80853
Zirath, H. *see* Angelov, I. 81974
Zirath, H. *see* Dahlgren, U. 92578
Zirkie, T. *see* Dreyer, M.L. 62513
Zirkle, T. *see* Varker, C.J. 62692
Zirkler, A. *see* Swenson, H.N. 67685
Zirngibl, M., Glance, B., Stulz, L.W., Joyner, C.H., Raybon, G., Kaminow, I.P. Characterization of a multiwavelength waveguide grating router laser 86475
Zirngibl, M., Joyner, C.H. High performance, 12 frequency optical multichannel controller 58372
Zirngibl, M., Joyner, C.H. 12 frequency WDM laser based on a transmissive waveguide grating router 58373
Zirngibl, M., Joyner, C.H., Glance, B. Digitally tunable channel dropping filter/equalizer based on waveguide grating router and optical amplifier integration 52597
Zirngibl, M., Joyner, C.H., Stulz, L.W. Demonstration of 9×200 Mbit/s wavelength division multiplexed transmitter 86409
Zirngibl, M., Joyner, C.H., Stulz, L.W., Koren, U., Chien, M.-D., Young, M.G., Miller, B.I. Digitally tunable laser based on the integration of a waveguide grating multiplexer and an optical amplifier 52598
Zirngibl, M. *see* Dentai, A. 56510
Zirngibl, M. *see* Kim, I. 63466
Zishan Yang *see* Yang Zishan
Zisk, S. *see* Davis, R. 99144
Ziskind, I., Hertz, D. Maximum-likelihood localization of narrow-band autoregressive sources via the EM algorithm 84388
Zisman, M.S. *see* Barletta, W. 76338
Zisper, L., Wachter, F. Gas analysis with non-selective sensors 58895
Zisserman, A. *see* Demey, S. 84648
Zisserman, A. *see* Fawcett, R. 95714
Zisserman, A. *see* Forsyth, D.A. 84814
Zissman, M.A. Automatic language identification using Gaussian mixture and hidden Markov models 84056
Zita, K. Enterprise networking in Asia 96380
Zito, G. New visualization tool to operate high energy physics detectors 98505
Zito, J. *see* Scheinerman, E.R. 54676
Zitoun, R. *see* Alippi, C. 53346
Zitoun, R. *see* Barrelet, E. 67352
Zitoun, R. *see* Gingrich, D. 53291
Zitouni, S. *see* Elrefaie, H.B. 99742
Zitterbart, M., Tantawy, A.N., Serpanos, D.N. A high performance transparent bridge 96764
Zitterbart, M. *see* Koufopavlou, O. 65383
Zitterbart, M. *see* Tantawy, A.N. 96225
Ziv, A. *see* Lan, S. 92830
Ziv, J. *see* Wyner, A.D. 64561
Zivkovic-Dzunja, Z. Software program "DOKT" for analyzing a HF high-power tuned amplifier 86679
Zivojnovic, V. A robust accuracy improvement method for blind identification using higher order statistics 84525
Zixiang Tan Challenges to the MPT's monopoly 58008
Zixiang Xiong, Ramchandran, K., Orchard, M.T. Joint optimization of scalar and tree-structured quantization of wavelet image decompositions 95958
Ziyuan Li *see* Bilger, H.R. 88746
Zizka, G.J. *see* Turko, B.T. 61776
Zizong Xu *see* Xu Zizong
Zizza, F. *see* Marino, G. 58226
Zizza, F. *see* Marino, G. 85990
Zjang Yongling *see* Zhang Wenjun 94786
Zlatanovic, M. *see* Stankovic, D. 66208
Zlatkovic, N. *see* Stefanovic, M. 57328
Zlatnik, D. *see* Bleuler, H. 57056
Zlobin, A.V. *see* Andreev, N.I. 76575
Zlobin, A.V. *see* Baibekov, V.I. 76574
Zlobinskii, E.L., Savin, A.P. Calculation of the electrodynamic shifting force in transformer windings 78675
Zlotnicki, V. *see* Glazman, R.E. 67763
Zlotnicki, V. *see* Glazman, R.E. 67872
Zmija, J., Klosowicz, S.J., Raszewski, Z. Polymer dispersed liquid crystal displays—properties and applications 50594
Zmisa, Z. Satelite communication network management—review and some realisation 97211
Zmrzli, R. *see* Monahan, K.M. 87525
Zmuda, K. *see* Janiczek, R. 79159
Zmuda, M.A., Tamburino, L.A., Rizki, M.M. Generating feature detectors with discovery algorithms 57728
Zmuda, M.A. *see* Rizki, M.M. 57727
Zmuda, T. *see* Andresen, J. 88067
Zmudzinski, C. *see* Mawst, L.J. 63817
Zmuidzinas, J., LeDuc, H.G., Stern, J.A., Cypher, S.R. Two-junction tuning circuits for submillimeter SIS mixers 55427
Zmuidzinas, J. *see* Engargiola, G. 66011
Znamenskii, A.G. *see* Beshenkov, V.G. 71341
Znati, T. *see* Simon, R. 65075
Znaty, S., Sclavos, J. Network management viewpoints: A new way of encompassing the network management complexity 96494
Znaty, S. *see* Arsenis, S. 51783
Znaty, S. *see* Boutaba, R. 52021
Znaty, S. *see* Calvignac, G. 58225
Znaty, S. *see* Sclavos, J. 51986
Znaty, S. *see* Sclavos, J. 65384
Znidaric, M. *see* Grcar, B. 60504
Zobbi, P. *see* Jones, B.K. 93269
Zobel, J. *see* Moffat, A. 85149
Zobel, M. *see* Brauner, G. 78037
Zobel, W., Hetfleisch, J., Fricke, J. Measurement of thermal diffusivity with a guarded-hot-plate device using a dynamic method 66710
Zoboli, M., Seileri, S. Analysis of nonlinear slab waveguides through FEM formulations 73441
Zoboli, M., Selleri, S. Finite element analysis of TE and TM modes in nonlinear planar waveguides 50526
Zoboli, M. *see* Di Pasquale, F. 72358
Zochbauer, M. Fabry-Perot correlation photometer for gas analysis 66588
Zocholl, S.E. *see* Schweitzer, E.O., III. 68630
Zocholl, S.E., Jr. *see* Barnett, C.W. 54066
Zoelzer, U. *see* Schoenle, M. 77760
Zogg, H., Fach, A., Maissen, C., Masek, J., Blunier, S. Photovoltaic lead-chalcogenide on silicon infrared sensor arrays 58830
Zogg, H., Fach, A., Maissen, C., Masek, J., Blunier, S., Kessler, K., Muller, P., Paglino, C., Teodoropol, S., Tiwari, A.N. Epitaxial lead-chalcogenides on fluoride/Si for IR-sensor array applications 61259
Zoghdani, A., Brissaud, M., Grange, G. Piezoelectric sensor having non-perfectly clamped edges 77751
Zoghi, B., Lyster, T.C., Puckett, R.E. Voltage maps simplify electric circuit analysis 80024
Zohar, J. *see* Peled, A. 65779
Zohar, Y. *see* Liu, J. 55786
Zohta, Y., Tanamoto, T. Valley current of three-dimensional resonant tunneling diode studied by the improved optical model 81773
Zoita, V. *see* Martin, D. 68709
Zoka, Y. *see* Sasaki, H. 68223
Zokaites, D. *see* Martinez-Uriegas, E. 84906
Zolesak, Z., Lehky, P. Mechanical design of overhead LV lines 59965
Zolfaghari, A. *see* de Jong, M.S. 67078
Zolfaghari, A. *see* de Jong, M.S. 67079
Zolfaghari, A. *see* Flanz, J.B. 76342
Zolfaghari, A. *see* Flanz, J.B. 76496
Zolfaghari, A. *see* Ihloff, E. 87649
Zoller, A. *see* Schwider, J. 50543
Zollino, G. *see* Bellina, F. 73244
Zollman, D. *see* Chaudhury, S.R. 97688
Zollner, J. Ventilation of dwellings with heat recovery: a demand-side management strategy for energy conservation and reduction of emissions 79030
Zollner, J.-P., Patzschke, I., Pietzuch, V., Pezoldt, J., Leitz, G. Mathematical modelling of the dynamic behaviour in RTP 93100
Zollner, T. *see* Schatzle, P. 92927
Zollo, G. *see* Raffa, M. 69471
Zollo, G. *see* Vitali, G. 62160
Zolnierowski, Y.P. *see* Gingrich, D. 53291
Zolomy, I. *see* Nam, N.S. 58765
Zolotarenko, Yu.P. *see* Zimin, L.B. 53966
Zolotarev, A.A. *see* Buzynin, A.N. 71766
Zolotorev, M. *see* Alley, R. 72713
Zolotorev, M. *see* Breidenbach, M. 92864
Zolotorev, M. *see* Shapiro, G. 76455
Zolotorev, M. *see* Yeremian, A.D. 76724
Zolotorev, M.S. *see* Clendenin, J.E. 76743
Zolotorev, M.S. *see* Tang, H. 71025
Zolotoyabko, E. *see* Weissman, J. 48952
Zolper, J.C., Baca, A.G., Shul, R.J., Howard, A.J., Rieger, D.J., Sherwin, M.E., Lovejoy, M.L., Hjalmarson, H.P., Draper, B.L., Klem, J.F., Hietala, V.M. An all-implanted, self-aligned, GaAs JFET with a nonalloyed W/p^{+}-GaAs ohmic gate contact 71727
Zolper, J.C. *see* Bo Lu 50582
Zolper, J.C. *see* Bo Lu 83105
Zolper, J.C. *see* Cheng, J. 82866
Zolper, J.C. *see* Lear, K.L. 83156
Zolper, J.C. *see* Sharma, A.K. 58773
Zolper, J.C. *see* Sherwin, M.E. 71710
Zolper, J.C. *see* Sherwin, M.E. 81953
Zoltan, I. A new self-calibrating standard instrument for current transformer calibration 86934
Zoltan, L.D. *see* Ravi, K.V. 49763
Zoltowski, C.B. *see* Harper, M.P. 73846
Zoltowski, M.D., Krogmeier, J.V., Kautz, G.M. Novel multirate processing of beamspace noise eigenvectors 64548
Zoltowski, M.D., Mathews, C.P. Real-time frequency and 2-D angle estimation with sub-Nyquist spatio-temporal sampling 84411
Zoltowski, M.D., Mathews, C.P. Real-time frequency and 2-D angle estimation with sub-Nyquist spatio-temporal sampling 95391
Zoltowski, M.D. *see* Mathews, C.P. 84361
Zoltowski, M.D. *see* Mathews, C.P. 84377
Zolzer, U. Roundoff error analysis of digital filters 57448
Zolzer, U. *see* Fliege, N.J. 80466
Zombeck, M. *see* Flanagan, K.A. 59232
Zombeck, M. *see* Kenter, A. 59233
Zomp, J. *see* Goutzoulis, A. 95030
Zon, G.D., de Winter, H.M.J., Willeboer, W. Coal gasification in peak-power production: the KV-STEG demonstration 78471
Zon, J.B.A.van *see* van Zon, J.B.A.
Zondy, J.J., Abed, M., Clairon, A. Type-II frequency doubling at $\lambda=1.30$ μm and $\lambda=2.53$ μm in flux-grown potassium titanyl phosphate 94643
Zondy, J.J. *see* Touahri, D. 86883
Zong, H. *see* Josse, F. 93790
Zong Jian Cao, Tsui, B.M.W. A filtering technique to compensate for detector response in converging-beam SPECT reconstruction 76917
Zong Shuqiang *see* Shuqiang Zong
Zong Wenhua *see* Hu Xuehao 99835
Zong-Ben Xu *see* Guo-Qing Hu 95172
Zong-Ben Xu *see* Xu Zong-Ben
Zong-Ning Xie *see* Xie Zong-Ning
Zong-Tae Bae *see* Jeonghoon Lee 96361
Zongcheng Zhang *see* Zhang Zongcheng
Zongfu Liu *see* Liu Zongfu
Zonghi, R. *see* Chin-Yung Yeh 70193
Zongmin Li *see* Li Zongmin
Zongnan Luo *see* Luo Zongnan
Zongshu Shao *see* Xuefeng Yue 56870
Zongshu Shen *see* Shen Zongshu
Zongwei Li *see* Li Zongwei
Zongyi Zhang *see* Zhang Zongyi
Zoni, G. *see* Bixio, A. 67142
Zonta, C. Telecommunication standards 65146
Zook, B.J. *see* Nguyen, S.T. 83624
Zook, J.D. *see* Schoess, J.N. 98062
Zorabedian, P. Axial-mode instability in tunable external-cavity semiconductor lasers 72864
Zorian, Y. A structured testability approach for multi-chip modules based on BIST and boundary-scan 79327
Zorian, Y. *see* Agrawel, V.D. 62937
Zorian, Y. *see* van de Goor, A.J. 49416
Zorian, Y. *see* Van de Goor, A.J. 49444
Zorin, A.Yu., Smirmov, I.P., Khil'ko, A.I. Energy characteristics of coupling channels between points of an inhomogeneous medium 73313
Zorin, M. *see* Danerud, M. 58749
Zorin, M. *see* Danerud, M. 87181
Zorin, M. *see* Karasik, B. 66353
Zorin, M. *see* Lindgren, M. 56521
Zorin, M.A. *see* Karasik, B.S. 93942
Zorin, V.B. *see* Abdullin, I.N. 54072
Zorin, V.M. *see* Gorburov, V.I. 99842
Zorn, C., Burkert, V., Kross, B., Majewski, S., Weisenberger, A., Wojcik, R., Asryan, G., Amaryan, M., Demirchyan, R., Egiyan, K., Sharabyan, Yu., Stepanyan, S. Low dose rate

evaluations of long plastic scintillator plates and Bicron G2-doped wavelength shifting fibers 88099
Zorn, C. *see* Weisenberger, A.G. 59136
Zorn, C. *see* Weisenberger, A.G. 81158
Zorn, C. *see* Weisenberger, A.G. 98631
Zorn, C. *see* Wojcik, R. 59086
Zorn, G. *see* Hornung, R. 82338
Zorn, G.M. *see* Schneegans, M. 62541
Zorn, K. *see* Pourang, R. 55527
Zorn, M. *see* Jonsson, J. 54897
Zorner, W., Andreae, K.H. Problems of diagnosing steam turbines and the Siemens system of diagnostics 89652
Zornig, P. *see* Zehentner, J. 73423
Zornio, P. Communications head towards virtual plant network 75041
Zorowitz, R. *see* Seshadri, K. 67436
Zorpette, G. Power and energy 53698
Zorpette, G. Technology in India 54309
Zorpette, G. A peripatetic prodigy goes home 69312
Zorpette, G. A slow start for emissions trading 78360
Zorpette, G. Autopilots of the deep 78931
Zortea, A. *see* Leacock, T. 97659
Zortea, A.E. A neural video camera processor 86768
Zory, P.S. *see* Grove, M.J. 71337
Zory, P.S. *see* Guan, Y. 72886
Zorzan, C.G. *see* Ordoqui, E.J. 100395
Zorzi, G.De *see* De Zorzi, G.
Zorzi, M., Pupolin, S. Outage probability in multiple access packet radio networks in the presence of fading 86098
Zorzi, M., Rao, R.R. Capture and retransmission control in mobile radio 97052
Zorzi, M., Wang, M.M., Tonguz, O.K. Forward link power control for cellular CDMA networks. Comment & Reply 86091
Zosi, G. *see* Basile, G. 86968
Zosi, G. *see* Basile, G. 86982
Zoske, U. *see* Borik, S. 63918
Zotos, P.A. Motor failures due to steep fronted switching surges—the need for surge protection—users experience 60173
Zotov, M.G. Improvement of the algorithm of solving matrix Wiener-Hopf equations 54647
Zotter, B. *see* Brandt, D. 87724
Zotter, B. *see* Napoly, O. 87730
Zotto, P. *see* Gasparini, F. 53303
Zou, C.-M. *see* David, G. 87983
Zou, C.R., Plotkin, E.I., Swamy, M.N.S. 2-D fast Kalman algorithms for adaptive parameter estimation of nonhomogeneous Gaussian Markov random field model 96002
Zou, H., Tewfik, A.H., Xu, W. Completeness and stability of partial dyadic wavelet domain signal representations 84277
Zou, J. *see* Starzyk, J.A. 49582
Zou, Y., Pedrini, G., Tiziani, H. Derivatives obtained directly from displacement data 94683
Zou, Z. *see* Miller, J.H., Jr. 72225
Zou, Z. *see* Miller, J.H., Jr. 93939
Zou, Z.Y. *see* Chen, M. 53245
Zou Jialin *see* Jialin Zou
Zou Jiyan, Cheng Lichun, Zhu Xinqiang Erosion rate and patterns in axial magnetic field vacuum circuit breakers 90259
Zou Jiyan, He Junjia, Cheng Lichun Improvement of voltage withstanding level of vacuum interrupters 60375
Zou Jiyan *see* Cheng Lichun 60376
Zou Jiyan *see* Wang Hao 53282
Zou Nanzhi *see* Nanzhi Zou
Zou Shichang *see* Shichang Zou
Zou Shou-Bao, Tan Kun-Lin A new power electronic technique of steplessly regulating the capacity of the power capacitor 99604
Zou Yang *see* Yang Zou
Zou Yao *see* Yao Zou
Zoubir, A.M. Bootstrap multiple tests with variance stabilization: application to optimal sensor location 87056
Zouganeli, P., Grindle, R.J., Rivers, A.W., Parry, G., Roberts, J.S. Symmetric self-electro-optic effect device using symmetric-cavity quantum well electroabsorption modulators 82715
Zougar, L. *see* Romat, H. 57047
Zoughi, R. *see* Bakhtiari, S. 53044
Zoughi, R. *see* Bakhtiari, S. 83727
Zoughi, R. *see* Ganchev, S. 87474
Zoughi, R. *see* Qaddoumi, N. 87473
Zoughi Reza *see* Reza Zoughi
Zounek, A. *see* Arai, E. 55700
Zourabichvili, M. *see* Ravaioli, P. 48629
Zovko-Cihlar, B. Multimedia communications and standards 95975
Zowe, J. *see* Kocvara, M. 69834
Zoz, J., Barabas, U. Linewidth enhancement in laser diodes caused by temperature fluctuations 63807
Zoz, R. *see* Klefenz, F. 98664
Zozime, A., Vyvenko, O., Hanke, I., Schroter, W., Ahlborn, K., Heisig, K. Investigation of the defect distribution in polycrystalline silicon 81183
Zquiak, R. *see* Zhang, X.X. 72025
Zrazhevskiy, A.Yu. *see* Chernaya, L.F. 83586
Zrenner, E. *see* Jacobi, P.C. 67539
Zrenner, E. *see* Marmor, M.F. 67540
Zrnic, D.S., Balakrishnan, N., Ryzhkov, A., Durden, S.L. Use of co-polar correlation coefficient for probing precipitation along the vertical 77374
Zrnic, D.S., Balakrishnan, N., Ryzhkov, A.V., Durden, S.L. Use of copolar correlation coefficient for probing precipitation at nearly vertical incidence 77415
Zrnic, D.S., Raghavan, R., Chandrasekar, V. Observations of copolar correlation coefficient through a bright band at vertical incidence 53539
Zrnic, D.S., Zahrai, A. The 10 cm wavelength polarimetric weather radar at NOAA's National Severe Storms Laboratory 75608
Zrnic, D.S. *see* Mahapatra, P.R. 77370
Zroichikov, N.A. *see* Sidulov, M.V. 89662
Zschokke-Graenacher, I. *see* Kohler, D. 56902
Zsehong Tsai, Wen-Der Wang, Chien-Hwa Chiou, Jin-Fu Chang, Lung-Sing Liang Performance analysis of two echo control designs in ATM networks 58084
Zsiros, T. The relative importance of earthquake source zones in the assessment of Paks Nuclear Power Plant 60059
Zsolt, G. *see* Kirschner, I. 56280
Zu, D.X. *see* Xu, B. 95356
zu Bexten, E.Meyer *see* Meyer zu Bexten, E.
Zu Donglin *see* Donglin Zu
Zu Jing *see* Jing Zu
zu Putlitz, G. *see* Freund, J. 61406
Zu-Shan Pan *see* Pan Zu-Shan
Zu-Yi Qu *see* Qu Zu-Yi
Zubair, S.M. *see* Al-Garni, A.Z. 89169
Zubairy, M.S. *see* Khan, A.A. 84732
Zubairy, M.S. *see* Rizvi, A.A. 63361
Zubairy, M.S. *see* Rizvi, R.A. 63522
Zubal, G. *see* Rangarajan, A. 59336
Zubarev, E.N. *see* Kozhevnikov, I.V. 67409
Zubas, C.F. *see* Stoll, C.N. 54552
Zubas, C.F. *see* Stoll, C.N. 54556
Zubel, Z. *see* Gasperowicz, A. 82132
Zuben, A.A.G.Von *see* Von Zuben, A.A.G.
Zuberek, W.M., Konczykowska, A., Algani, C., Wang, H., Dangla, J. Simulation-based parameter extraction, its implementation and some applications 49069
Zubets, A.N. *see* Popyrin, L.S. 89670
Zubkov, A.A. *see* Ostashev, V.E. 57063
Zubkov, V.I. *see* Babichev, R.K. 92463
Zubkov, Yu.A., Miledin, V.K., Skibinskii, V.A. Tractional electric drives for four-axle and articulated streetcars with thyristor-pulsed control systems 78895
Zubov, V.V., Chursin, A.D., Lesnoy, M.A., Liabin, N.A., Ugolnikov, S.A. Copper vapor lasers with sealed-off active elements 94347
Zubritsky, I.A. *see* Bashkirov, Yu.A. 82315
Zubrzycki, J.T. MBS—a wireless network for digital video 97119
Zucca, D. *see* Decina, M. 52178
Zucca, R. *see* Le, H.Q. 83039
Zuccala, A., Carones, G., Pannullo, A. A novel optical fibre for ribbon application 52511
Zuccato, A. *see* Malesani, L. 68777
Zuccato, A. *see* Rossetto, L. 68842
Zucchelli, P. *see* Buontempo, S. 53296
Zucchelli, P. *see* Buontempo, S. 98502
Zucchinali, A. *see* Biazzi, R. 52095
Zucco, M. *see* Pisani, M.Q. 86879
Zuche, A. Counting, controlling, measuring electronic preselect counters for 48 mm×48 mm panel mounting 70714
Zucker, J.E., Divine, M.D., Chang, T.Y., Sauer, N.J. Loss reduction in InGaAs/InGaAlAs quantum well electron transfer waveguides using ion implantation 82730
Zucker, J.E. *see* Khan, M.N. 52289
Zuckermann, H. *see* Keilmann, F. 63738
Zuclich, J.A., Shimada, T., Loree, T.R., Bigio, I., Strobl, K., Shuming Nie Rapid noninvasive optical characterization of the human lens 67464
Zue, V.W. Toward systems that understand spoken language 51418
Zue, V.W. Human computer interactions using language based technology 95286
Zue, V.W. *see* Meng, H.M. 95347
Zue, W. *see* Wang, X. 54982
Zuev, V.M. Identification of X-ray diffraction images of structural origin 55012
Zuev, V.S. *see* Knecht, B.A. 82908
Zueva, H.N. *see* Kulikov, Ye.A. 77539
Zuger, O. *see* Rugar, D. 66291
Zugibe, K.J. *see* Penfield, S.R., Jr. 78287
Zugmeyer, O. *see* Le Cadre, J.P. 64468
Zuhai Cheng *see* Cheng Zuhai
Zuban Liu *see* Guangwei Yuan 70938
Zuhars, J.F. *see* Taylor, R.H. 67628
Zuhe Yu *see* Xuezhou Ding 94577
Zuhr, R.A. *see* Haglund, R.F., Jr. 72363
Zuhua Li *see* Li Zuhua
Zuhua Zhu *see* Zhu Zuhua
Zuidema, R. *see* Wyrowski, F. 94581
Zuiderveld, K.J., Koning, A.H.J., Viergever, M.A. Techniques for speeding up high-quality perspective maximum intensity projection 59268
Zuk, J. *see* Gajewski, J.B. 66763
Zuk, J. *see* Gajewski, J.B. 66764
Zukang Lu *see* Eichler, H.J. 56677
Zukang Zhao *see* Zhao Zukang
Zukeran, C. *see* Tsuhako, S. 80258
Zukerman, M. *see* Addie, R.G. 65015
Zukerman, M. *see* Addie, R.G. 85276
Zukerman, M. *see* Manfield, D.R. 51917
Zukic, M. *see* Keffer, C.E. 63538
Zukic, M. *see* Keffer, C.E. 88640
Zukowski, C. High-frequency pattern generation using multiple input channels and combinational logic 80182
Zukowski, C. *see* Landsberg, P. 65022
Zukowski, C.A. *see* Velamuri, R. 74869
Zulehner, W. *see* Seyfried, P. 86967
Zulehner, W. *see* Zemke, D. 48898
Zuliang Chen *see* Chen Zuliang
Zuliang Lu *see* Lu Zuliang
Zulin Chen *see* Chen Zulin
Zul'kov, A.V., Nechaev, E.P. Numerical characteristics of a position of the maximum for the realization of the stationary Gaussian random process 51481
Zullo, G. *see* Last, J.R. 83541
Zulsdorf, M. *see* Hahne, G. 59950
Zumaque, H. *see* Wollersheim, O. 81685
Zumbro, J. *see* Dolfini, S.M. 76854
Zumbro, J. *see* Mandeville, J.B. 76855
Zumbro, J. *see* Rusnak, B. 67128
Zumbro, J.D. *see* Farkhondeh, M. 76713
Zumbro, J.D. *see* Tieger, D.R. 76677
Zumwalt, T. DSP applications in the control of uninterruptible power supplies 78735
Zuna, Z. *see* Ubra, O. 78322
Zundu Luo *see* Tingjie Zhao 63688
Zundu Luo *see* Yidong Huang 94414
Zunfu Jiang *see* Jiang Zunfu
Zunic, J. *see* Ivic, A. 95990
Zunich, G.T. Modified MUSIC in the presence of random phase errors 75658
Zunich, G.T. Additional constraints in the maximum likelihood method to protect against element perturbation 95532
Zuniga, E. *see* Helmick, M. 60979
Zuniga, M., Tomacruz, E., Neureuther, A.R. Diffusion effects in chemically amplified deep-UV resists 81640
Zuniga G., A. *see* Falleiros, M.C. 98649
Zunino, G. *see* Caorsi, S. 51584
Zunlin Zhao *see* Zhao Zunlin
Zuo, M.J., Liang, M. Reliability of multistate consecutively connected systems 61031
Zuo Liu *see* Liu Zuo
Zuo Peng The development of chopper control system of the double-point magnetic levitation test-bed 100874
Zuo Zhao *see* Tianhu Lei 64669
Zuoguo Wu *see* Chenhong Huang 82652
Zuoping Zhou *see* Zhou Zuoping
Zuotan Wu *see* Wu Zuotan
Zuowen Wan *see* Wan Zuowen
Zuoyan Peng *see* Peng Zuoyan
Zuoying Wang *see* Tianying Ji 95362
Zuoying Wang *see* Wang Zuoying
Zupac, D. *see* Khosropour, P. 71649
Zupancic, J. Calibration of an SMT robot assembly cell 55475
Zuping Zhang *see* Mingtian Fan 99669
zur Nieden, T. Organic microelectronic packages: challenges for a PCB manufacturer 90990
Zurabyan, A.Z., Kachurin, V.K., Yakovlev, V.A. Laser device for measuring a vessel's speed 98312
Zurbanov, V.L. *see* Belolaptikov, I.A. 59156
Zurbrick, L.S., DePesa, P., Diola, R.A. Fabrication and evaluation of a programmed transmission defect test mask 62573
Zurbrick, L.S., Schuda, S.J., Wiley, J.N. Effects of transparent and transmission reduction reticle defects 71475
Zurbrick, L.S. *see* Wiley, J.N. 81695
Zurcher, F., Gealy, F.D. Polycrystalline ferroelectric thin film capacitors for non-volatile random access memories: self-consistent, quasi-static calculation, and comparison with experiment 55483
Zurcher, J.-F. High performance near field measurements for antennas and microstrip circuits 83826
Zurcher, J.-F., Gay-Balmaz, P., Hall, R.C., Kolb, S. Dual polarized, single- and double-layer strip-slot-foam inverted patch (SSFIP) antennas 57255
Zurek, M. *see* Hamm, P. 98006
Zurek-Terhardt, G. Paging in radio data system 86108
Zuric-Hudek, V., Kos, M. An approach to metropolitan fiber optics networks implementation 86376
Zurk, L.M., Plant, W.J. Simulations of SAR imagery of the ocean compared with data 99242
Zurmuhle, R.W. *see* Wuosmaa, A.H. 67386
Zurn, S. *see* Mei, Q. 62070
Zurun Xu *see* Xu Zurun
Zushinskii, D.A. *see* Kozlovskii, V.V. 55632
Zussman, A. *see* Eger, D. 63440
Zust, H. Processing of measuring data by means of standard software 97787
Zutavern, F.J. *see* Loubriel, G.M. 63577
Zutavern, F.J. *see* Stoudt, D.C. 63552

Zuther, F., Cammann, K. Temperature compensation for a nitrate sensor 66225
Zuther, F., Cammann, K. A selective and long-term stable nitrate sensor 66226
Zutobradic, S., Ravlic, V., Radosevic, Z. Some simplified solutions of 110/10(20) kV transformer substations 90308
Zutobradic, S. *see* Puharic, M. 78764
Zuttel, A., Meli, F., Schlapbach, L. Effects of pretreatment on the activation behavior of $Zr(V_{0.25}Ni_{0.75})_2$ metal hydride electrodes in alkaline solution 90349
Zutter, D.De *see* De Zutter, D.
Zuxu Qin *see* Jiwen Wang 57526
Zuyao Zhou *see* Ping Liu 55645
Zuying Yang *see* Yang Zuying
Zuyou Zhou *see* Chenglu Lin 49873
Zuzev, A.M. *see* Braslavsky, I.Ya. 60517
Zuzic, M., Petrovic, I. Application of communication standards in industrial electric drives and automation systems 69066
Zvara, G. *see* Huang, J.C. 95605
Zverev, V.A. An obscure field antenna 74061
Zverkov, M.V. *see* Batai, L.E. 56304
Zverkov, M.V. *see* Bykovskii, Yu.A. 63810
Zverkov, M.V. *see* Bykovskii, Yu.A. 83106
Zver'kov, V.P. *see* Kuzishchin, V.F. 89663
Zvezdin, A.K. *see* Zawadzki, J. 72073
Zvezdin, V.N. *see* Afraimovich, E.L. 88758
Zvonar, Z., Brady, D. Multiuser detection in single-path fading channels 57536
Zvonar, Z., Brady, D., Catipovic, J. Adaptive equalization techniques for interference suppression in shallow water acoustic telemetry channels 97471
Zvonareva, O.D. *see* Grigor'ev, Y.N. 76172
Zvuloni, A. *see* Brickner, M.S. 98204
Zvyagin, A. *see* Musha, M. 56753
Zvyagin, I.P., Petrova, V.P. On the theory of frequency dependence of conductivity in disordered organic semiconductors 62221
Zwaenepoel, W. *see* Elnozahy, E.N. 74944
Zwahlen, H.T. Evaluation of pushbutton arrangements in automobiles 97831
Zwamborn, A.P.M., Tran, T.V., McCowen, A. Comments on "An improved pulse-basis conjugate gradient FFT method for the thin conducting plate problem" [with reply] 52620
Zwamborn, P., van den Berg, P.M. Computation of electromagnetic fields inside strongly inhomogeneous objects by the weak-conjugate-gradient fast-Fourier-transform method 51053
Zwanziger, G. *see* Neubert, G. 96430
Zwanziger, P. IGBT applications in power converters. II 49139
Zwarts, C.M.G., LeBlanc, P.A. Instrumentation of NRC's experimental tractor-semitrailer 100918
Zweck, J. *see* Grun, M. 69994
Zweers, A. *see* van der Horst, T.J.J. 60899
Zweibel, K., Ullal, H.S., von Roedern, B.G., Noufi, R., Coutts, T.J., Al-Jassim, M.M. Perspectives and opportunities in polycrystalline thin-film photovoltaic technologies 100489
Zweig, B.-W. *see* Becker, K. 100887
Zweig, B.-W. *see* Kiessling, F. 100886
Zweig, I. *see* Langenbeck, B. 76856
Zweig, J.L., Boroski, W.N., Hart, F.R. Overview of a test facility designed to guide innovations in the development of advanced thermal insulation materials and systems 98341
Zweig, K. *see* Moritz, G. 72271
Zweigart, S. *see* Menner, R. 62206
Zweizig, J. *see* Harr, R. 88209
Zwicker, G. *see* Jager-Waldau, G. 49760
Zwicker, G. *see* Jager-Waldau, G. 81521
Zwicker, G. *see* Jager-Waldua, G. 55544
Zwinge, G. *see* Bakin, A. 91457
Zwolinski, M. *see* Nichols, K.G. 70269
Zyablov, V. *see* Sidorenko, V. 95202
Zyablov, V.V., Potapov, V.G., Sidorenko, V.R. Maximum-likelihood list decoding using trellises 64286
Zyablov, V.V., Shavgulidze, S.A. Generalized convolutional-block concatenated constructions based on 4FM signals 64287
Zyabrev, S.S. *see* Vitkov, V.M. 89540
Zyazyulya, F.E. *see* Baranov, V.A. 76849
Zybin, A.B. *see* Groll', Kh. 73195
Zybtsev, S.G. *see* Andreev, A.V. 63306
Zybtsev, S.G. *see* Andreev, A.V. 87142
Zybura, M.F., Jones, S.H., Tait, G.B., Jones, J.R. 100-300 GHz Gunn oscillator simulation through harmonic balance circuit analysis linked to a hydrodynamic device simulator 80175
Zych, A.D. *see* O'Neill, T.J. 67668
Zych, A.D. *see* Sarmouk, A. 98612
Zycki, Z., Sokolnicki, E. Determination of permanent magnet characteristics by single-shot test 50384
Zydzik, G.J. *see* Bylsma, R.B. 72804
Zydzik, G.J. *see* Hunt, N.E.J. 63604
Zydzik, G.J. *see* Passlack, M. 56091
Zydzik, G.J. *see* Schubert, E.F. 49851
Zydzik, G.J. *see* Schubert, E.F. 56511
Zydzik, G.J. *see* Schubert, E.F. 82835
Zyl, J.J.van *see* van Zyl, J.J.
Zyngier, H. *see* Level, M.P. 66833
Zyromski, P. *see* Morin, J. 71577
Zysin, L.V., Koshkin, N.L. Utilization of biomass based on thermochemical gasification for power generation 78349
Zyskind, J. *see* Horowitz, M. 50765
Zyskind, J.L. *see* Horowitz, M. 94591
Zyskind, J.L. *see* Mazurczyk, V.J. 56710
Zyskind, J.L. *see* Smart, R.G. 50774
Zyss, J. *see* Josse, D. 73006
Zyss, J. *see* Kim, D.Y. 63960
Zyss, J. *see* Ledoux, I. 83338
Zyss, J. *see* Samuel, I.D.W. 83291
Zyss, J. *see* Torruellas, W.E. 94622
Zyung Taehyung *see* Taehyung Zyung
Zyuryukina, O.V. *see* Solov'ev, A.P. 83519
Zyweck, A., Bogner, R.E. High-resolution radar imagery of the Mirage III aircraft 97372

BOOK INDEX

This lists the titles of books abstracted in the six months covered by the index. Most books are abstracted as a single monograph but where appropriate individual chapters may also be abstracted. Where this is so the abstract of the book itself is indicated by *(introductory abstract)*.

Advances in parallel algorithms; *I.D.O.Tonev (editor/s),* [Amsterdam, Netherlands: IOS Press 1994] 61148, 61168, 62629
Annual review of information science and technology. Vol.28; *M.E.Williams (editor/s),* [Medford, NJ, USA: Learned Inf. 1993] 51397
Applied photonics; [San Diego, CA, USA: Academic Press 1994] 54371
CIS selected papers. High-power multibeam lasers and their phase locking (SPIE Vol.2109); *F.V.Lebedev, A.P.Napartovich (editor/s),* [Bellingham, WA, USA: SPIE 1993] 79141
CIS selected papers iconics and thermovision systems (SPIE vol.2106); *M.M.Miroshnikov (editor/s),* [Bellingham, WA, USA: SPIE 1993] 69363
Computer-aided analysis of electric machines. A Mathematica approach; [Hemel Hempstead, UK: Prentice Hall 1994] 54294
Distributed programming paradigms with cryptography applications; [Berlin, Germany: Springer-Verlag 1994] 90735
Electromagnetic waves in chiral and bi-isotropic media; [Norwood, MA, USA: Artech House 1994] 69309
Intelligent sensor systems; [Bristol, UK: IOP Publishing 1994] 79195
Introduction to radiometry and photometry; [Norwood, MA, USA: Artech House 1994] 79196
Knowledge and decisions in health telematics The next decade; *P.Barahona, J.P.Christensen (editor/s),* [Amsterdam, Netherlands: IOS Press 1994] 67562
Logic, language and computation. Festschrift in honor of Satoru Takasu; *N.D.Jones, M.Hagiya, M.Sato (editor/s),* [Berlin, Germany: Springer-Verlag 1994] 51320
Microwave and geometrical optics; [London, UK: Academic Press 1994] 79142
Network design essentials; [London, UK: Academic Press 1994] 48578
Network re-engineering. Foundations of enterprise computing; [San Diego, CA, USA: AP Professional Aug. 1994] 90725
Power electronics for the microprocessor age (with corrections); [Oxford, UK: Oxford University Press 1994] 79143
Real-time optical information processing; *B.Javidi, J.L.Horner (editor/s),* [London, UK: Academic Press 1994] 60802 (introductory abstract), 63507, 63526, 64040, 64885–90, 72429, 73024
Rectifiers, cycloconverters, and AC controllers; [Oxford, UK: Oxford University Press 1994] 54314
Science on the run. Information management and industrial geophysics at Schlumberger, 1920-1940; [Cambridge, MA, USA: MIT Press 1994] 60764

CONFERENCE INDEX

This index lists conferences for which published proceedings have been abstracted in the six-month period. Conferences reported in journals are also included in this list. The abstract relating to the conference itself is indicated by *(introductory abstract)*. When papers from a conference appear in more than one publication there will be a corresponding number of entries in the index.

3D imaging and analysis of depth/range images; London, UK, 1 March 1994, *(IEE)* [London, UK: IEE 1994] 54550

Accelerators in applied research and technology; Orleans, France, 31 Aug.-4 Sept. 1993, *(CNRS; DRET; SGDN)* [May 1994] 48527 (introductory abstract), 55533–4, 55662, 55700–2, 56212, 56279, 56374, 56659, 59008–12, 59020–6, 59047–9, 59059, 59216–8

ACM Multimedia '93; Anaheim, CA, USA, 2-6 Aug. 1993, *(ACM)* [New York, NY, USA: ACM 1993] 58030 (introductory abstract), 57882–3, 57994, 58192–5, 58235–7, 58576–8, 64611–2, 65126, 65198, 65236–9, 65447–50, 66025–6, 66064

Acoustic imaging and sensing; London, UK, 29-30 March 1993, [London, UK: IEE 1993] 51484, 53555–6, 53559

Acoustic remote sensing; Athens, Greece, 26-29 May 1992, [20 Jan. 1994] 60689 (introductory abstract)

Acoustical Society of America meeting; Cambridge, MA, USA, 6-10 June 1994, [May 1994] 54279 (introductory abstract)

Acoustics, speech and signal processing; Minneapolis, MN, USA, 27-30 April 1993, *(IEEE Signal Process. Soc)* [New York, NY, USA: IEEE 1993] 60765 (introductory abstract), 69409–13, 69508, 69539–40, 69555–6, 69605, 69615, 69693, 70203, 70208, 70402, 70595–602, 70609–18, 70743, 70745–6, 70749–50, 70809, 70999, 73679, 73797, 73807–89, 74031–2, 74051–7, 74099–114, 74409–15, 74503–14, 74812, 75102–3, 75118, 75285, 75520, 75593–6, 75637, 75655–8, 75663–6, 75723, 75734, 75776–80, 75793, 75797–8, 75800–1, 76870–2, 76874, 76961, 77003–10, 77076–9, 77759–64, 78967, 80012, 80361, 80373, 80444–67, 80472–9, 80491–3, 81730, 83412, 83710, 83899, 83908, 83913–4, 83917–20, 83951–2, 84019–134, 84142, 84146–7, 84158–60, 84218–33, 84254–326, 84382, 84387–469, 84500–43, 84784–7, 84940–5066, 85205–8, 85212–3, 85568, 85571, 85910, 85924, 85946–7, 85969, 86115–7, 86138–40, 86166–8, 86547–9, 86551–5, 86575, 86614, 86619–20, 86720, 86731–3, 87056, 87480, 87602, 88350, 88375, 88454–66, 88500, 88509, 88563, 88662, 88717, 88740, 88744, 88761, 88889, 88896

Adaptive methods for partial differential equations; Troy, NY, USA, 18-20 May 1992, [April 1994] 48549 (introductory abstract), 48843, 48871–4, 48885–8, 53399

Adaptive optics in astronomy; Kona, HI, USA, 17-18 March 1994, *(SPIE)* [1994] 69351 (introductory abstract)

Adhesives engineering; San Diego, CA, USA, 12-13 July 1993, *(SPIE; SEM)* [1993] 48524 (introductory abstract)

Advanced concepts in high speed semiconductor devices and circuits; Ithaca, NY, USA, 2-4 Aug. 1993, *(IEEE Electron Devices Soc.; U.S. Army Res. Office; IEEE Microwave Theory & Tech. Soc.; Cornell Univ)* [New York, NY, USA: IEEE 1993] 60682 (introductory abstract), 61321, 61876, 61890, 61917–21, 61929–36, 61949–50, 61957–8, 62061, 62192, 62301–2, 62624–5, 62667–9, 62714–9, 62726–8, 62858, 62889–97, 62903–6, 63489–90, 63580–1, 63591, 63615, 63841–2, 63907, 65860–1, 66672

Advanced flat panel display technologies; San Jose, CA, USA, 7-8 Feb. 1994, *(SPIE; Soc. Imaging Sci. & Technol)* [1994] 60679 (introductory abstract), 60954, 62592, 63493, 66603–13, 67674, 82831, 87373–85

Advanced infrared technology and applications; Capri, Italy, 20-21 Sept. 1993, *(CNR; Univ. Napoli; Consorzio CORISTA; et al)* [Jan.-Feb. 1994] 69320 (introductory abstract)

Advanced robotics; Tsukuba, Japan, 8-9 Nov. 1993, *(Mech. Eng. Soc.; IEEE Ind. Electron. Soc.; Robotics Soc. Japan; Soc. Instrum. & Control Eng.; IEEE Robotics & Autom. Soc.; IEEE Neural Network Council; Japan Soc. Mech. Eng.; Japan Soc. Precision Eng)* [New York, NY, USA: IEEE 1993] 69542, 75171, 78963

Advanced transport fuels; Palermo, Italy, Oct. 1990, [March 1994] 54278 (introductory abstract)

Advances in motion control; Singapore, 15-16 July 1993, *(IEEE Ind. Electron. Soc.; IEEE Singapore Sect.; Instrum. & Control Soc. Singapore; Nat. Univ. Singapore Electr. Eng. Dept.; Nat. Univ. Singapore Mech. & Production Eng. Dept.; Nat. Univ. Singapore Magnetics Technol. Centre)* [New York, NY, USA: IEEE 1993] 75966, 78560–1, 78648, 78664–5, 78772, 78868–71, 78874

Advances in resist technology and processing; San Jose, CA, USA, 28 Feb.-1 March 1994, *(SPIE)* [1994] 79076 (introductory abstract), 79990–2, 81613–82, 82060, 82622

Advances in software reuseability; Lucca, Italy, 24-26 March 1993, *(IEEE; ACM)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 52272

Aerospace and electronics; Dayton, OH, USA, 23-27 May 1994, *(Dayton Sect. IEEE; Aerosp. & Electron. Syst. Soc. IEEE)* [New York, NY, USA: IEEE 1994] 79120 (introductory abstract), 79217, 79503, 80099–101, 80212, 80339, 81837, 81976, 82596, 82784–5, 83340, 83722–3, 83802, 83871, 83876, 83883, 84015, 84182, 84544–7, 84556–8, 84577, 84583, 85068–75, 85088–93, 85186–7, 85342, 85623, 86281, 86299, 86508, 86529, 86556–63, 86567–70, 86586–8, 86630, 86716, 87009, 87012, 87135–7, 87261–2, 87298–9, 87336, 87543–4, 88519, 88528, 88620–1, 88638, 88642–4, 88647–8, 88650–1, 88663–80, 88685–91, 88693–700, 88709, 88718–21, 88748–9, 88844, 88902–4, 88909–10, 88913–4, 88916, 88918–9, 88926–7, 88929–36, 88939, 90612, 95697, 99057

Aerospace applications; Vail, CO, USA, 5-12 Feb. 1994, *(IEEE)* [Nwe York, NY, USA: IEEE 1994] 53535

Aerospace automation; Ottobrunn, Germany, 7-11 Sept. 1992, *(IFAC; DGLR; AIAA) D.B.DeBra, E.Gottzein (editor/s),* [Oxford, UK: Pergamon 1993] 48565 (introductory abstract), 57659, 59447, 59477–9, 60240

AI '92; Vancouver, BC, Canada, 11-15 May 1992, *(Canadian Soc Comput. Studies Intelligence)* [Palo Alto, CA, USA: Morgan Kaufmann 1992] 58191

AI applications in engineering; Waterloo, Ont., Canada, 14-17 July 1992, [Southampton, UK: Comput. Mech. Pubications 1992] 70226, 70230–1, 70966, 75256, 75553, 75651, 76288

AI technology transfer; Monterrey, Mexico, 20-24 Sept. 1993, *(Inst. Tecnol. Estudios Superiores de Monterrey; Centro de Inteligencia Artificial)* [Balderas, Mexico: Editorial Limusa 1993] 80050, 85660, 89215

Airborne reconnaissance; San Diego, CA, USA, 12-14 July 1993, *(SPIE)* [1993] 79105 (introductory abstract)

Airborne reconnaissance XVI; San Diego, CA, USA, 21-22 July 1992, *(SPIE)* [1993] 69323 (introductory abstract)

Algebraic coding; Paris, France, 19-21 July 1993, *G.Cohen, S.Litsyn, A.Lobstein, G.Zemor (editor/s),* [Berlin, Germany: Springer-Verlag 1994] 60772 (introductory abstract), 69717–8, 73631–59, 74708

Algorithms for synthetic aperture radar imagery; Orlando, FL, USA, 6-7 April 1994, *(SPIE)* [1994] 60754 (introductory abstract), 74357–8, 75558–76, 75622–31, 77786–8

American control conference; San Francisco, CA, USA, 2-4 June 1993, *(IEEE; American Autom. Control Council; IFAC; et al)* [Evanston, IL, USA: American Autom. Control Council 1993] 51543–4, 52630, 53709, 54372–5, 54569, 54619, 54648–9, 56221, 57028, 57377, 57509–18, 57571–2, 57624, 57724, 58631, 58651, 58985, 58997, 59442, 59456, 59489–90, 59519–20, 59626, 59670, 59850–4, 60058, 60122, 60177–8, 60196–7, 60205, 60207–8, 60239, 60252, 60258, 60267, 60516, 60573, 60593, 60606, 60917–8, 61220, 62357, 62443–5, 62600, 67742

American Nuclear Society meeting; New Orleans, LA, USA, 19-23 June 1994, [1994] 90767 (introductory abstract)

American power conference '94; Chicago, IL, USA, 25-27 April 1994, *(Illinois Inst. Technol)* [Chicago, IL, USA: Illinois Inst. Technol. 1994] 69347 (introductory abstract), 77858–60, 77871–2, 77970–6, 77999–8006, 78038, 78040, 78043–8, 78050–1, 78058, 78081, 78113, 78201–4, 78245, 78257–8, 78262–4, 78287–93, 78296–309, 78340–1, 78369–83, 78415–7, 78421–31, 78462–6, 78480, 78490, 78505, 78522–4, 78566, 78629, 78681–2, 78803–5, 78929, 79048, 79158–60, 79202, 89026–34, 89069–74, 89167, 89173–5, 89185–6, 89189, 89216–7, 89223–4, 89267–8, 89312, 89314, 89328, 89347, 89371–4, 89394–5, 89409, 89415, 89419, 89430–40, 89450–3, 89497–502, 89557–9, 89571–6, 89592–615, 89637–51, 89687, 89692–700, 89705, 89712, 89738, 89758–60, 89780, 89787–8, 89803–4, 89871, 90060, 90126, 90284, 90310–1, 90367, 90374, 90469–72, 90502, 90655

American Vacuum Society 40th national symposium; Orlando, FL, USA, 15-19 Nov. 1993, [July-Aug. 1994] 90734 (introductory abstract), 90939, 91482–99, 91612–23, 92858–9, 92882, 92951, 92973, 93031–2, 93057, 93107, 93137–8, 93147, 93201–29, 93247–9, 93267, 93287, 93562, 94118, 94153–4, 94526, 94638, 98351–2, 98393

Anglo-Scottish interconnector upgrade; Glasgow, UK, 7 April 1994, *(IEE)* [London, UK: IEE 1994] 54299 (introductory abstract), 59797–806

Antennas; Dresden, Germany, 12-15 April 1994, [1994] 54282 (introductory abstract), 55098, 55508, 57127–8, 57200–8, 57225–8, 57240–9, 57272–82, 57302–6, 58310–20, 58445, 58479–87, 58509–10, 58558

APL. Language and its applications; Antwerp, Belgium, 11-15 Sept. 1994, [Sept. 1994] 79706

Application specific array processors; San Francisco, CA, USA, 22-24 Aug. 1994, *(IEEE Comput. Soc. Tech. Committee on VLSI)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 80061–2, 80297, 80340, 80391–3, 80495–6, 82046, 85076–81

Applications and impacts. Information processing; Hamburg, Germany, 28 Aug.-2 Sept. 1994, [1994] 79155–6, 79200, 84628, 85379, 85429–31, 85565, 85605–6, 85652–5, 86112, 86192

Applications of ferroelectrics; Greenville, SC, USA, 30 Aug.-2 Sept. 1992, *(IEEE) M.Liu, A.Safari, A.Kingon, G.Haertling (editor/s),* [New York, NY, USA: IEEE 1992] 48561 (introductory abstract), 48909, 49004, 49017, 49686–7, 50131–6, 50139–45, 50163–4, 50452, 50958, 52751, 52866–7, 52951, 54049, 54933–5, 54944–50, 54956–8, 54979–82, 54984–7, 54989, 55255, 55439–40, 55443, 56100–31, 56133–44, 56158–63, 56185, 56289–90, 56417–9, 56868–9, 58489, 58676, 58761, 58956, 58990, 59267, 59612

Applied computing; Kansas City, MO, USA, 1-3 March 1992, [New York, NY, USA: ACM 1992] 48653, 48754–5, 48825, 51371, 51785, 51867–8, 52197–8, 52341, 53372, 53461, 91210, 92140, 95216–7, 95605, 96006–10, 96211, 96258–60, 96435–6, 96568, 96583, 96768–73, 96855, 98764, 99068, 99214, 99306, 99354, 99597

Applied power electronics. vol.1; Orlando, FL, USA, 13-17 Feb. 1994, *(IEEE Power Electron. Soc.; IEEE Ind. Appl. Soc.; Power Sources Manuf. Assoc)* [New York, NY, USA: IEEE 1994] 54321 (introductory abstract), 60891, 60978, 60992, 61470, 61519–48, 61969, 62788, 63264–5, 64113–4, 67733–4, 68000, 68071, 68074–9, 68217–8, 68332, 68568–72, 68621–2, 68644, 68687–92, 68785–844, 68903, 69067–79, 69141, 69196–9, 69239

Applied power electronics conference; San Diego, CA, USA, 7-11 March 1993, *(IEEE; Power Sources Manuf. Assoc)* [New York, NY, USA: IEEE 1993] 48532 (introductory abstract), 48612, 48711–3, 49140–7, 49153–70, 49993, 52124, 52301, 53667–70, 53994, 54002, 54018–9, 54074–90, 54104–10, 54137–8, 54172–6, 54227, 54567–8, 55139–43, 55449–50, 56229–30, 59518, 59706–7, 59873–4, 60289, 60329–61, 60389, 60528–9, 60615

Artificial intelligence; Chambery, France, 28 Aug.-3 Sept. 1993, *(Int. Joint Conferences on Artificial Intelligence; Assoc. Francaise pour l'Intelligence Artificielle; Alcatel/Alsthom; et al)* [San Mateo, CA, USA: Morgan Kaufmann Publishers 1993] 95708–9

Artificial intelligence research; Fort Lauderdale, FL, USA, 7-10 April 1992, [St. Petersburg, FL, USA: Florida AI Res. Soc. 1992] 74472–5, 76891, 76955

Artificial neural networks and expert systems; Dunedin, New Zealand, 24-26 Nov. 1993, *(New Zealand Comput. Soc.; Telecom New Zealand; Air New Zealand; Ansett New Zealand; New Zealand Comput. World)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 49593−4, 49721, 50621, 51401−2, 51562−5, 52038, 53744, 54274

ASICs for measurement systems; London, UK, 24 Feb. 1994, *(IEE)* [London, UK: IEE 1994] 90782 (introductory abstract)

Assessment of quality software development tools; Washington, DC, USA, 7-9 June 1994, *(IEEE Comput. Soc. Tech. Committee on Software Eng.; George Washington Univ)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 74878

ATM in wide and local area environments; London, UK, 12 May 1994, *(IEE)* [London, UK: IEE 1994] 60685 (introductory abstract), 64902−3, 65029, 65240−4

Atmospheric electricity; St. Petersburg, Russia, 15-19 June 1992, [20 May 1994] 64141, 67803

Atmospheric propagation effects for visible to MM-wave radiation; Palma de Mallorca, Spain, 17-20 May 1993, [Neuilly sur Seine, France: AGARD 1993] 58994, 59627

Atomic coherence and interference; Crested Butte, CO, USA, 1993, [Aug. 1994] 72703

Atomic collisions in solids; London, Ont., Canada, 26-30 July 1993, [May 1994] 55563−4, 55714−9, 59039, 59244

Atomic frequency standards and coherent quantum electronics; Nara, Japan, 18-20 Aug. 1993, *(Japan Soc. Appl. Phys)* [March 1994] 48546 (introductory abstract), 56598, 56611−2, 56619, 56641, 56753−6, 56773, 56827, 56873−5, 58616−8, 58620, 58978

Automatic programming; Delft, Netherlands, 16-18 June 1992, *(IFAC; IFIP; IMACS)* [Oxford, UK: Pergamon 1993] 52763−5, 53460, 53706−7, 53749, 59412, 59729

Automotive electronics; London, UK, 17-19 May 1994, *(IMechE; IEE; Assoc. Technica Automobile; SAE)* [London, UK: IMechE 1994] 54350 (introductory abstract), 67945−6, 69172−88

Automotive electronics CAE; London, UK, 27 April 1994, *(IEE)* [London, UK: IEE 1994] 54333 (introductory abstract), 60594−603

Automotive sensors; Solihull, UK, 13 Sept. 1994, [London, UK: IEE 1994] 79122 (introductory abstract)

Aviation acoustics; Dubna, Russia, 7-20 Sept. 1993, [May-June 1994] 71211, 71921, 74061, 77734, 77748

B-physics at hadron machines; Normandy, France, 25-29 April 1994, *(Comm. Energie Atomique; CNRS; Council Gen. Manche; et al)* [15 Nov. 1994] 90751 (introductory abstract)

Basic space science; Bogata, CO, USA, 9-13 Nov. 1992, *(ESA; Planetary Soc)* [April 1994] 88130, 88332

Batteries; Solihull, UK, 11 May 1994, [Leatherhead, UK: ERA Technol. 1994] 54327 (introductory abstract), 60316, 60409−20

Beam injection assessment of defects in semiconductors; Bologna, Italy, 30 Aug.-2 Sept. 1993, [May 1994] 48506 (introductory abstract), 55482, 55536−44, 55553, 55704, 56744

Beam instrumentation workshop; Sante Fe, NM, USA, 20-23 Oct. 1993, [1994] 90722 (introductory abstract), 98390, 98446−77, 98636, 98705

Bellman continuum; Waikoloa, HI, USA, 11-12 Jan. 1993, *(Univ. Hawaii at Manoa)* [1994] 48543 (introductory abstract), 48761−2, 48817−8

Bioengineering; Springfield, MA, USA, 17-18 March 1994, *J.Masi, R.Davis, M.Fox, R.Peura (editor/s),* [New York, NY, USA: IEEE 1994] 54323 (introductory abstract), 61842, 67423, 67436−7, 67474, 67543−8, 67622−4, 67629−30

Biomedical image analysis; Seattle, WA, USA, 24-25 June 1994, *(IEEE Comput. Soc. Tech. Committee on Pattern Anal. & Machine Intelligence)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 60746 (introductory abstract), 76922−3

Biomedical optoelectronic devices and systems; Budapest, Hungary, 1-3 Sept. 1993, *(SPIE; BiOSIS; EOS)* [1994] 90746 (introductory abstract)

British machine vision; Leeds, UK, 22-24 Sept. 1992, *D.Hogg, R.Boyle (editor/s),* [Berlin, Germany: Springer-Verlag 1992] 79083 (introductory abstract), 84646−77, 85569, 86996, 87049, 88736, 88762

British Medical Ultrasound Society annual meeting; Eastbourne, UK, 7-9 Dec. 1993, [July 1994] 76926

Broadband communications; Paris, France, 2-4 March 1994, [1994] 79140 (introductory abstract), 96201−2, 96242−3, 96415−9, 96490, 96710−3, 96803−10, 96909−10

Broadband networks interoperability; Sophia Antipolis, France, 4-6 May 1994, *S.Rao (editor/s),* [Amsterdam, Netherlands: IOS Press 1994] 60729 (introductory abstract), 65062−5, 65192, 65225, 65372−90, 65426−9, 65463, 65506, 65524−33, 65816, 66059

Broadcasting and gossiping; Sechelt, BC, Canada, Aug. 1990, [14 Sept. 1994] 79577, 85230−1, 85308, 85439−40, 85570

Broadcasting - IBC '94; Amsterdam, Netherlands, 16-20 Sept. 1994, *(IEEE; IEE; Int. Assoc. Broadcasting Manuf.; Royal Telev. Soc.; Soc. Motion Picture & Telev. Eng)* [London, UK: IEE 1994] 79132 (introductory abstract), 93883, 94873−4, 95808−17, 96540, 96687−8, 96799, 96869−71, 97119, 97197, 97305, 97517, 97525−55, 97594−6, 97602−5, 97615−28, 97644−55, 97668−73, 97689−98, 97705−6, 97713−5, 98221

Bubble chamber and its contributions to particle physics; Geneva, Switzerland, 14-16 July 1993, *(AIP; Eur. Lab. Particle Phys.; Eur. Phys. Soc)* [July 1994] 60761 (introductory abstract), 76799−821

Building the library/information center of the future; Bethesda, MD, USA, 7-8 April 1994, *(Nat. Libr. Med.; Univ. Maryland)* [Sept. 1994] 100957

Business process re-engineering: information systems opportunities and challenges; Gold Coast, Qld., Australia, 8-11 May 1994, [1994] 85927, 90842

CAD and computer graphics; Beijing, China, 23-26 Aug. 1993, *(Chinese Comput. Fed.; Tsinghua Univ.; Nat. Natural Sci. Found. China)* [Beijing, China: Int. Acad. Publishers 1993] 80019, 80033−49, 80247−53, 80321, 80362, 80468, 80975−6, 82017−9, 82064, 85304, 85658, 88376

Capacitor and resistor technology 93; Costa Mesa, CA, USA, 8-11 March 1993, *(Components Technol. Inst. Inc.; Components, Hybrids & Manuf. Technol. Soc. IEEE)* [Huntsville, AL, USA: Components Technol. Inst. 1993] 79144 (introductory abstract), 79292, 79477, 80897−9, 80912−34, 81049, 82127, 90337−43

CARTS - Europe 93; Geneve, Switzerland, 4-7 Oct. 1993, *(Electron. Components Inst. Int)* [Crowborough, UK: Electron. Components Inst. Int. 1993] 79148 (introductory abstract)

Cement industry; Seattle, WA, USA, 29 May-2 June 1994, *(Ind. Applications Soc. Cement Ind. Committee of the IEEE)* [New York, NY, USA: IEEE 1994] 90714 (introductory abstract)

Cement industry technical conference; Toronto, Ont., Canada, 23-27 May 1993, *(IEEE)* [New York, NY, USA: IEEE 1993] 54341 (introductory abstract), 54406, 54438, 59424, 60025, 60530−1, 60633, 60653−66

CERN accelerator physics school; Jyvaskyla, Finland, 7-18 Sept. 1992, *S.Turner (editor/s),* [Geneva, Switzerland: CERN 1994] 90783 (introductory abstract)

Chaos in optics; San Diego, CA, USA, 14-16 July 1993, *(SPIE)* [1993] 49196, 49203, 50476−7, 50642−3, 50728, 50816−7, 50930−2, 51582, 53034

Characterization and propagation of sources and backgrounds; Orlando, FL, USA, 6-7 April 1994, *(SPIE)* [1994] 79139 (introductory abstract)

Charge-coupled devices and solid state optical sensors; San Jose, CA, USA, 7-8 Feb. 1994, *(SPIE; IS&T)* [1994] 60713 (introductory abstract), 66457−77

Chartered and incorporated engineers; London, UK, 13 June 1994, [London, UK: IEE 1994] 69382 (introductory abstract), 69383−5, 69438−42

Chemical, biochemical, and environmental fiber sensors; Boston, MA, USA, 7-9 Sept. 1993, *(SPIE)* [1994] 60696 (introductory abstract)

Chemical perspectives of microelectronic materials; Boston, MA, USA, 30 Nov.-3 Dec. 1992, [Pittsburgh, PA, USA: Mater. Res. Soc. 1993] 48949, 48962, 49005−6

Chemistry and physics of molecular based magnetic materials; Tokyo, Japan, 25-30 Oct. 1992, *(Chem. Soc. Japan; Ministr. Educ.; Sci. & Culture Japan; et al)* [1993] 48556 (introductory abstract)

Chemistry of the organic solid state; Ramat Rachel, Israel, 4-9 July 1993, *(Gordon & Breach Sci. Publishers; Israeli Acad. Sci. & Humanities; et al)* [1994] 56901

Chemometrics; Arhus, Denmark, 13-17 June 1993, [April 1994] 54655, 55703, 74176

Civil and construction engineering computing; Edinburgh, UK, 17-19 Aug. 1993, [Edinburgh, UK: Civil-Comp Press 1993] 75859−60, 78491

CLEO Europe 1994; Amsterdam, Netherlands, 28 Aug.-2 Sept. 1994, *(EPS-Quantum Electron. & Opt. Div.; IEEE/Lasers & Electro-Opt. Soc.; Opt. Soc. America; Eur. Opt. Soc.; IOP; IEE)* [New York, NY, USA: IEEE 1994] 79128 (introductory abstract)

Client/server systems; The Hague, Netherlands, 25-28 Oct. 1993, [Carouge/Geneva, Switzerland: SHARE Europe 1993] 96484, 96653−8, 97683

Cockpit displays; Orlando, FL, USA, 7-8 April 1994, *(SPIE)* [1994] 60756 (introductory abstract), 72481, 76125−8, 76130−6, 76141, 77142−56, 77158−72, 77799

Community networking; San Francisco, CA, USA, 13-14 July 1994, *(IEEE Commun. Soc.; ACM SIGCOMM; Internet Soc.; Smart Valley)* [New York, NY, USA: IEEE 1994] 85333, 85464−9, 85594−5, 85764−75, 85881, 85921, 85988, 86706, 86758, 86775−9

COMPCON '93; San Francisco, CA, USA, 22-26 Feb. 1993, [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 70387−96, 70583−92, 74649, 74703−6, 74958−9, 75716−7

Compounds and related optoelectronic materials; Newport, RI, USA, 13-17 Sept. 1993, [April 1994] 60719 (introductory abstract), 61236, 61281−93, 61317−9, 61329, 61376, 62254, 62498, 63487, 63557−9, 63590, 63839, 63951, 63982, 69912, 69918−9, 69941−4, 69988−70000, 70017−20, 70138, 70142−3, 71206, 71276−85, 71301−5, 71584, 72574, 72614, 72629, 72633−5, 72823−5, 72866−73

Computation in electromagnetics; London, UK, 12-14 April 1994, [London, UK: IEE 1994] 48595, 48883−4, 49036, 49096, 49123, 49630−3, 49670, 49702−3, 50385, 50433, 50444, 50527−8, 50556, 51000−9, 51018−9, 51026−7, 51030−2, 51040, 51049−50, 51083−9, 51143−5, 51153−7, 51178−86, 51215−9, 51227−30, 51249−51, 51264−5, 53521, 53892, 54020−1, 54035, 54040, 54047, 54056−8, 54140, 54234, 54259−66

Computation of electromagnetic fields; Miami, FL, USA, 31 Oct.-4 Nov. 1993, *(IEEE Miami Sect.; IEEE Florida Council; IEEE Region 3, USA; IEE Japan; IEE UK; Magnetic Soc.; Applied Computational Electromagn. Soc.; Florida Int. Univ.; Digital Equipment; Vector Fields; Infolytica; GE Transport. Syst.; IBM; Alps Electric; Ansoft; Appl. Electromagn. Center; DAEWOO Electron.; Hyosung Ind.; Integrated Eng. Software; Matsushita Electr. Ind.; Samsung Electro-Mech.; Swansen Analysis Syst.; Florida Int. Univ)* [Sept. 1994] 69362 (introductory abstract), 79162, 79249−51, 79526, 79738, 79744−8, 80000−1, 80003−6, 80549−51, 80877, 80907, 80936−7, 80953, 80969, 82119, 82233−4, 82242−4, 82252, 82275, 82287−90, 82298, 82306, 82318, 82330−1, 82494−6, 82635, 83426−51, 83465−8, 83473−85, 83487−92, 83494−512, 83522−5, 83529, 83554−6, 83564−5, 83576, 83579−82, 83606−20, 83700, 83707−9, 83731−2, 83756−64, 83808−9, 83840−1, 86541, 87066, 87635, 87796, 88071, 88523, 88566, 89188, 89265, 89349, 89791−3, 89843−6, 89926, 89932−5, 90011−2, 90026−7, 90041, 90056, 90063−72, 90319, 90455, 90481−2, 90642−5, 90647−52, 90688, 90693

Computational and applied mathematics; Leuven, Belgium, 27 July-1 Aug. 1992, *(NFWO Belgium Nat. Sci. Found; IBM; et al)* [20 May 1994] 69775, 69810−4, 69828−9, 69848, 69872−6, 69879−82, 69885−7, 69898−900

Computational geometry; San Diego, CA, USA, 19-21 May 1993, [Oct. 1994] 91299

Computational physics; St. Louis, MO, USA, 6-9 Oct. 1993, *(IMACS; Parks College Saint Louis Univ)* [April 1994] 64319

Computational vision based on neurobiology; Pacific Grove, CA, USA, 6-9 July 1993, *(SPIE)* [1994] 60678 (introductory abstract)

Computer-aided control system design; Tucson, AZ, USA, 7-9 March 1994, *(IEEE; IFAC)* [New York, NY, USA: IEEE 1994] 53867, 53887, 53926

Computer aided design; San Jose, CA, USA, 6-10 Nov. 1994, *(IEEE Circuits & Syst. Soc.; IEEE Comput. Soc.; ACM SIGDA; IEEE Electron Devices Soc)* [New York, NY, USA: ACM 1994] 90910, 90949, 91698−700, 91808−52, 91930, 92142−74, 92247, 92301−2, 92332, 92411−2, 92429−30, 93304, 93571−6, 93652−6, 96266

Computer aided systems theory; Las Palmas, Spain, 21-26 Feb. 1993, [March-April 1994] 57670

Computer-aided technologies and integration methods in SMEs; Vienna, Austria, 7-8 Sept. 1992, *(IFAC; Tech. Committee Manuf. Technol.; IFIP; IFAC; Economic & Manage. Syst.; et al)* [Oxford, UK: Pergamon Press 1993] 65339, 66127

Computer analysis of images and patterns; Budapest, Hungary, 13-15 Sept. 1993, *D.Chetverikov, W.G.Kropatsch (editor/s),* [Berlin, Germany: Springer-Verlag 1993] 79146 (introductory abstract), 85158−81, 92676, 95675−96, 95753−4, 98766−8, 98807−9

Computer architecture; Chicago, IL, USA, 18-21 April 1994, *(IEEE; ACM)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 49415, 49475, 52134−5

Computer assurance; Gaithersburg, MD, USA, 27 June-1 July 1994, *(IEEE Aerospace & Electron. Syst. Soc.; IEEE Nat. Capital Area Council; British Comput. Soc.; Arca Syst. Inc.; ARINC Res. Corp.; CSA, Inc.; Logicon, Inc.; NIST; Naval Res. Lab.; Naval Surface Warfare Center; Syst. Safety Soc.; TRW Syst. Div.; U.S. Gen. Accounting Office)* [New York, NY, USA: IEEE 1994] 75139, 78283

Computer-based medical systems; Winston-Salem, NC, USA, 10-12 June 1994, *(IEEE Comput. Soc.; IEEE Eng. Med. & Biol. Soc.; IEEE Winston-Salem Chapter; Bowman Gray School of Med. Wake Forest Univ)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 74418−20, 74707, 75867, 76886−8, 76941−9, 76956, 77011−5, 77064−70

Computer, communication, control and power engineering. vol.1; Beijing, China, 19-21 Oct. 1993, *Yuan Baozong (editor/s),* [New York, NY, USA: IEEE

1993] 60701 (introductory abstract), 69606, 69740, 69769, 69809, 70219, 70232, 70241–6, 70249–51, 70277, 70403–6, 70417, 70804, 71753, 71757, 73542, 73788–9, 74034, 74058, 74348, 74421–40, 74476, 74515, 74651, 74653, 74695, 74715–9, 74726, 74762, 74816, 74844, 74961, 74969–75, 74993–5000, 75633–5, 75897, 76892, 77103, 77293, 77501, 77789, 77977–9, 78029, 78053, 78646, 78677, 79522, 80264–6, 80331, 80374, 80379–80, 80397, 80487, 82601, 82731, 82826, 83171, 83341, 83623, 83877, 84148, 84164–80, 84471–82, 84578–81, 84894–7, 85188–201, 85246–7, 85257–61, 85272, 85283, 85311, 85347, 85369–70, 85375, 85470, 85609, 85619, 85626–7, 85686–8, 85840–51, 85882, 85898–906, 85914, 85931, 85938, 85955–6, 85972, 86001, 86013–4, 86226–30, 86488–97, 86579, 86721, 86741–4, 87270, 87550, 87586, 88478, 88501, 88968–76, 89062, 89108–28, 89582, 89731–2, 89823, 89905–7, 91773, 91878, 91937, 93425, 94775, 95025, 95072–3, 95140–2, 95445–7, 96181, 96223, 96473, 96576, 96638–9, 96887, 96898–9, 96960, 96979–83, 97096–102, 97187, 97411, 99428–42, 99447, 99512–31, 99554–8, 99615–9, 99628–9, 99638, 99649–51, 99662–4, 99669, 99693, 99717–9, 99733, 99745–8, 99751–5, 99787–8, 99801, 99835, 99870, 99919, 99932, 100037, 100056, 100094–8, 100126, 100156, 100248–56, 100410, 100825–32, 100925, 100976

Computer communications. vol.1; Toronto, Ont., Canada, 12-16 June 1994, *(IEEE Comput. Soc.; IEEE Commun. Soc)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 54326 (introductory abstract), 61039, 64293, 64753–5, 64895, 64898, 64921–35, 64940–65, 64973–8, 64993, 65009–12, 65014–22, 65041–5, 65055–6, 65066–7, 65090–4, 65096–8, 65101, 65114, 65135, 65180–1, 65185–8, 65206, 65276–90, 65313–38, 65391–6, 65422–3, 65430–3, 65457, 65475, 65518, 65522–3, 65573, 65621–3, 65641–4, 65767–71, 65793–5, 65817–9, 66036–8

Computer design: VLSI in computers and processors; Cambridge, MA, USA, 10-12 Oct. 1994, *(IEEE Comput. Soc.; IEEE Circuits & Syst. Soc.; IEEE Electron Devices Soc)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 79135 (introductory abstract), 91752–64, 92018–59, 92178–9, 92257–65, 92334, 92832–5, 93532–4, 93600–7, 94890, 95421–2, 95706–7, 96612, 97598

Computer graphics; Anaheim, CA, USA, 1-6 Aug. 1993, *(ACM)* [New York, NY, USA: ACM 1993] 54801–2, 56063, 57381, 57575, 57807–11, 80336, 84470, 84893, 87395

Computer modelling of communication systems; London, UK, 10 May 1994, *(IEE)* [London, UK: IEE 1994] 54352 (introductory abstract), 57932–4, 58300–1, 58349–50, 58364, 58442

Computer performance evaluation; Vienna, Austria, 3-6 May 1994, [Berlin, Germany: Springer-Verlag 1994] 85805–6, 85886

Computer performance modeling, measurement and evaluation; Rome, Italy, 27 Sept.-1 Oct. 1993, [May 1994] 69624, 69671, 69698, 69706–7, 72079–80, 74634, 74666, 74684, 74902–3, 75216

Computer science; Kansas City, MO, USA, 3-5 March 1992, *(ACM)* [New York, NY, USA: ACM 1992] 51858–66, 51880, 51952, 52061, 52192–6, 52235–6, 52256, 52283

Computer science education; Phoenix, AZ, USA, 10-11 March 1994, *(ACM)* [March 1994] 48764

Computer science logic; Swansea, UK, 13-17 Sept. 1993, *(British Logic Colloquium; Digita Int.: IT Wales; London Math. Soc.; Welsh Dev. Agency)* [Berlin, Germany: Springer-Verlag 1994] 79555

Computer security applications; Orlando, FL, USA, 6-10 Dec. 1993, *(Aerosp. Comput. Security Associates; IEEE Comput. Soc. Tech. Committee on Security & Privacy; ACM SIG Security, Audit & Control)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 65052–4, 65311–2

Computer security foundations; Franconia, NH, USA, 14-16 June 1994, *(IEEE Comput. Soc)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 74690–3, 74929–30

Computer simulation; Boston, MA, USA, 19-21 July 1993, *(Soc. Comput. Simulation)* [San Diego, CA, USA: SCS 1993] 48882, 49057, 51638, 51837, 51910, 52100–1, 52128–31, 52214–5, 52487, 52623–4, 52636–7, 52642, 52662, 53082, 53430, 53495–500, 53514, 53549, 53571–4, 53577–81, 53585, 53718, 53897, 53912, 54111

Computer simulation in nonlinear optics; Moscow, Russia, 27 June-4 July 1993, *(SPIE; Res. Center Control & Exploration Phys. Fields & Radian; et al)* [1994] 69339 (introductory abstract)

Computer supported cooperative work; Milan, Italy, 13-17 Sept. 1994, *(Microsoft, Italy; Digital Equipment, Italy; Elsag Bailey, Italy; et al)* [Dordrecht, Netherlands: Kluwer Academic Publishers 1993] 69523, 74824, 75087

Computer vision and pattern recognition; Seattle, WA, USA, 21-23 June 1994, *(IEEE Comput. Soc. Tech. Committee on Pattern Anal. & Machine Intelligence)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 69356 (introductory abstract), 74591–607, 76091–2, 84678–716, 84788–817, 87515, 88351, 88357

Computer vision and pattern recognition '93; New York, NY, USA, 15-17 June 1993, *(IEEE Comput. Soc. Tech. Committee on Pattern Anal. & Mach. Intelligence)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 91124, 96011–62, 98118, 98310, 98880–1

Computer vision, applications of invariance; Azores, Portugal, 9-14 Oct. 1993, [Berlin, Germany: Springer-Verlag 1994] 74612–27

Computers and communications; Phoenix, AZ, USA, 12-15 April 1994, *(IEEE; IEEE Commun. Soc)* [New York, NY, USA: IEEE 1994] 69346 (introductory abstract), 69750, 70257, 70454, 73768–9, 74656, 74665, 74741–9, 74865–6, 74885, 75048–56, 75088–91, 75117, 75145, 75380, 76980

Computers and communications '93; Tempe, AZ, USA, 23-26 March 1993, [New York, NY, USA: IEEE 1993] 90769 (introductory abstract), 92141, 93570, 93651, 96261–2

Computers in design, manufacturing, and production; Pris-Evry, France, 24-27 May 1993, *(IEEE; SEE)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 57978–9, 58128–31

Computing and information; Sudbury, Ont., Canada, 27-29 May 1993, [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 61448, 61764, 64292, 65049–51, 65138, 65305–8, 65503

Computing for the social sciences; Urbana, IL, USA, 18-21 May 1993, [Summer 1994] 58187–8

Computing in high energy physics; Annecy, France, 21-25 Sept. 1992, [Geneve, Switzerland: CERN 1992] 52770–2, 53098, 53317, 53352–3

Computing techniques in physics research; Oberammergau, Germany, 4-8 Oct. 1993, [Singapore: World Scientific 1994] 79641–2, 80494, 85067, 87644, 88141–5, 88211–2, 88254–7, 88264

Concurrent engineering methodologies and tools; London, UK, 2 June 1994, *(IEE)* [London, UK: IEE 1994] 60710 (introductory abstract), 60885–90

Consumer electronics; Rosemont, IL, USA, 21-23 June 1994, [Aug. 1994] 79111 (introductory abstract), 80382–3, 80501, 82281, 84001, 84153, 84492, 84913–21, 85472, 85596, 85787–8, 85965, 85973, 86661–4, 86682–8, 86708–9, 86724–30, 86734–6, 86759–60, 86766, 86781–93, 86803, 86810–1, 90681, 92249–50, 95660, 96779, 96824, 96865, 97597, 97608–10, 97680

Continuous algorithms and complexity; Barcelona, Spain, 4-6 Oct. 1993, [10 Oct. 1994] 79671–2

Control. vol.1; Coventry, UK, 21-24 March 1994, [London, UK: IEE 1994] 54498, 57314, 57471–5, 58112, 58282, 58632, 58679, 58701–3, 58980, 59252–3, 59385, 59397, 59413, 59491, 59525, 59752–60, 59834, 59878, 59982, 60014–6, 60080, 60085, 60100–1, 60108, 60148, 60159–61, 60182, 60185, 60210–2, 60241, 60256, 60259, 60283, 60501, 60503–8, 60587

Control applications; Vancouver, BC, Canada, 13-16 Sept. 1993, *(IEEE Control Syst. Soc)* [New York, NY, USA: IEEE 1993] 91139, 91150–1, 91882, 93103, 94088, 97789, 98320, 98756, 98944, 99080, 99095, 99508–9, 99549–51, 99583–4, 99933, 99941, 100047, 100099–100, 100127, 100158–9, 100166, 100178, 100259–60, 100345, 100971

Cooling of electronic systems; Izmir, Turkey, 21 June-2 July 1993, *(NATO) S.Kakac, H.Yuncu, K.Hijikata (editor/s),* [Dordrecht, Netherlands: Kluwer Academic Publishers 1994] 79150 (introductory abstract), 79400–35

Cooperative intelligent robotics in space III; Boston, MA, USA, 16-18 Nov. 1992, *(SPIE)* [1992] 52062, 53486, 53488–91, 53493–4, 53503–5

Cosmic physics national conference; Palermo, Italy, 3-7 Nov. 1992, [Nov.-Dec. 1993] 63311, 66010

Coupling technology to national need; Albuquerque, NM, USA, 23-26 Aug. 1993, *(SPIE; Western Senate Coalition, U.S. Dept. Commerce; et al)* [1994] 69331 (introductory abstract)

CP violation, its implications to particle physics and cosmology; Tsukuba, Japan, 16-18 Nov. 1993, [Aug. 1994] 87620

Cryogenic engineering; Genova, Italy, 7-10 June 1994, [1994] 90759 (introductory abstract), 90884, 91924, 93908–19, 93921–2, 93965, 93979–4030, 94037–8, 94756–7, 97748, 97964–72, 98338–42, 98391–2, 98478–9, 98763, 99040, 99712–4

Cryogenic engineering and superconductivity; Aussois, France, May 1993, [April 1994] 48530 (introductory abstract), 49641, 50421–2, 50437, 52864, 53840–1, 54230

Cryptology advances; Santa Barbara, CA, USA, 22-26 Aug. 1993, *D.R.Stinson (editor/s),* [Berlin, Germany: Springer-Verlag 1994] 69377 (introductory abstract), 73742–67, 83953–62

CSCW '92; Toronto, Ont., Canada, 31 Oct.-4 Nov. 1992, *(ACM)* [New York, NY, USA: ACM 1992] 96186, 96545, 96561–3, 96716–9, 96833–7, 97707, 97734, 99128

Custom computing machines; Napa Valley, CA, USA, 10-13 April 1994, *(IEEE Comput. Soc. Tech. Committee on Comput. Architecture)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 70408–16, 70603–6, 71007

Customer driven quality in product design; London, UK, 6 May 1994, *(IEE)* [London, UK: IEE 1994] 54332 (introductory abstract), 54464–6, 54559–64

Data compression; Snowbird, UT, USA, 29-31 March 1994, *(IEEE Comput. Soc. Tech. Committee on Comput. Commun.; NASA/CESDIS) J.A.Storer, M.Cohn (editor/s),* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 54297 (introductory abstract), 55314, 56069, 57320–1, 57400–6, 57435, 57625–6, 57884–912, 58247, 58611

Data engineering '93; Vienna, Austria, 19-23 April 1993, *(IEEE Comput. Soc. Tech. Committee on Data Eng.; Austrian Comput. Soc. (OCG); Gi; ERCIM; INRIA; GMD; CWI; RAL FAW-A)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 96557

Database and expert system applications; Valencia, Spain, 2-4 Sept. 1992, [Wien, Austria: Springer-Verlag 1992] 85530, 85572

Database and expert systems applications; Prague, Czechoslovakia, 6-8 Sept. 1993, [Berlin, Germany: Springer-Verlag 1993] 75007

Decision and control; Tucson, AZ, USA, 16-18 Dec. 1992, *(IEEE)* [New York, NY, USA: IEEE 1992] 61050, 61054, 61076, 61087, 61197, 64171, 64543–4, 64573, 64837, 64891, 64992, 64997, 65025–6, 65444, 65516, 65593, 67736, 68023, 68100–7, 68138–9, 68432, 68577, 68585, 68884, 69533, 69627, 69630–4, 69673–6, 69686, 69689–90, 69754–6, 71877–9, 73571, 73573, 73939–42, 73945–6, 73985–92, 74115–20, 74259, 74347, 74669, 74694, 74756, 74895–6, 74920, 75067, 75554–7, 75597–9, 75784, 75899, 76215, 77180, 77195, 77205, 77814–9, 77906, 78054, 78520, 78551, 78588, 78596, 78606, 78642, 78645, 78988, 79464, 79486, 79537–8, 79560, 79655–6, 81504, 82156, 83239, 83577, 83889, 84234–8, 84327–33, 84717, 84818, 85227–8, 85241, 85274–5, 85356, 85365, 86142, 86379, 86626, 86808, 88550, 88619, 88800, 88953, 89035–46, 89194, 89527, 89616, 89766–7, 89789, 89805, 89872–4, 89958–61, 90013, 90479, 90587

Defect recognition and image processing in semiconductors and devices; Santander, Spain, 6-10 Sept. 1993, *(Comision Interminist. Ciencia & Technol.; Consejo Superior de Investigaciones Cientificas; et al) J.Jimenez (editor/s),* [Bristol, UK: IOP Publishing 1994] 79129 (introductory abstract), 79293, 79480–1, 79869–70, 81174, 81210–6, 81242–4, 81334, 81365, 81418–9, 81459–62, 81557–8, 81807, 81845, 81984–5, 82053–4, 82082, 82876, 83170, 88151, 98250

Dense z-pinches; London, UK, 19-23 April 1993, [1994] 62037, 63623, 68934

Dental applications of lasers; Budapest, Hungary, 1-2 Sept. 1993, *(SPIE; BiOSIS; EOS)* [1993] 90745 (introductory abstract)

Dependable computing for critical applications; Mondello, Italy, 14-16 Sept. 1992, *(IFIP)* [Wien, Austria: Springer-Verlag 1993] 79732, 80296, 85340–1

Design automation; San Diego, CA, USA, 6-10 June 1994, *(ACM SIGDA; ACM; IEEE Circuits & Syst. Soc.; Electron. Design Automat. Companies)* [New York, NY, USA: ACM 1994] 79131 (introductory abstract), 80066–7, 82055, 90854, 90903, 91680, 91702–22, 91785–92, 91980–97, 92094–108, 92129–35, 92251–3, 92273–4, 92830–1, 93524–9, 93549, 93583, 93593–6, 93630, 94887, 96214–5, 96232, 96917

Design automation of high performance VLSI systems; Notre Dame, IN, USA, 4-5 March 1994, *(IEEE; Univ. Notre Dame; ACM)* [Los Almitos, CA, USA: IEEE Comput. Soc. Press 1994] 48666–8, 49058–68, 49215, 49265–84, 49460–7, 49517, 49568, 50058–9

Design education; London, UK, 10 May 1994, *(IEE)* [London, UK: IEE 1994] 54334 (introductory abstract), 54379, 54467–71

Design, simulation, and fabrication of optoelectronic devices circuits; Los Angeles, CA, USA, 24-25 Jan. 1994, *(SPIE)* [1994] 90724 (introductory abstract)

Designing for diversity; Seattle, WA, USA, 11-15 Oct. 1993, [Santa Monica, CA, USA: Human Factors & Ergonomics Soc. 1993] 79262 (introductory abstract), 90794, 90902, 95249, 95258, 95766, 96517–20, 96826–7, 96879, 97444, 97710, 97831, 98204–5, 98215–6, 99033, 99035, 99050–6, 99061–3, 99070–5, 99079, 99081–4, 99123–5, 99409–10

Development and applications in engineering and science; Mystic, CT, USA, 26-27 April 1993, [1994] 51495

Device-independent colour imaging; San Jose, CA, USA, 7-8 Feb. 1994, *(SPIE; IS&T)* [1994] 79685, 84487, 84906, 86707, 86953, 87569–70

Devices, drive circuits and protection; London, UK, 25 April 1994, *(IEE)* [London, UK: IEE 1994] 90778 (introductory abstract)

Diamond, diamond-like and related materials; Albufeira, Portugal, 20-24 Sept. 1993, [April 1994] 69301 (introductory abstract), 69575, 69926–36, 70079–97, 70131–2, 71077–80, 71083, 71169, 71233, 71293–6, 71344–5, 71841, 72565, 76241, 81175, 81390, 81466, 81854

Diffractive and miniaturized optics; San Diego, CA, USA, 12-13 July 1993, *(SPIE) S.H.Lee (editor/s),* [Bellingham, WA, USA: SPIE - Int. Soc. Opt. Eng. 1994] 54331 (introductory abstract)

Diffractive optics: design, fabrication, and applications; Rochester, NY, USA, 6-9 June 1994, *(Opt. Soc. America; NSF; NASA; Army Res. Lab)* [Washington, DC, USA: Opt. Soc. America 1994] 90729 (introductory abstract)

Digital signal processing; Amsterdam, Netherlands, 9-10 March 1993, *(ERA)* [Leatherhead, UK: ERA Technol. 1993] 48514 (introductory abstract), 48827, 51400, 51485−94, 55187, 55280−3, 57345, 57414, 57470, 57658, 58281, 58326−32, 58352−3, 58562

Disabled people and technology; Los Angeles, CA, USA, 18-21 March 1992, *(Office Disabled Student Services) H.J.Murphy (editor/s),* [Northridge, CA, USA: California State Univ., Northridge 1992] 48507 (introductory abstract), 51398−9, 51407−8, 52041−2, 52049, 52732, 53463−5, 53467−74

Display systems; Munich, Germany, 23-24 June 1993, *(Eur. Opt. Soc; SPIE; Soc. Imaging Sci. & Technol)* [1993] 50589, 52684, 52986−8

Distributed algorithms; Lausanne, Switzerland, 27-29 Sept. 1993, [Berlin, Germany: Springer-Verlag 1993] 74735−40

Distributed and multiplexed fiber optic sensors; Boston, MA, USA, 8-9 Sept. 1993, *(SPIE)* [1993] 48503 (introductory abstract), 50505−7, 52887−909, 53515

Distributed and multiprocessors systems; San Diego, CA, USA, 22-23 Sept. 1993, *(USENIX Assoc.; Software Eng. Res. Center; ACM; IEEE)* [Berkeley, CA, USA: USENIX Assoc. 1993] 85250, 85799

Distributed computing systems; Lisbon, Portugal, 22-24 Sept. 1993, *(IEEE Comput. Soc. Tech. Committee on Distributed Process)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 61454, 65068−79, 65143, 65397−402, 65507, 96263−5, 96438−9, 96569−70, 96775−8, 96856−7

Distributed systems support for digital audio and video; London, UK, 30 June 1994, [London, UK: IEE 1994] 79102 (introductory abstract), 85718, 85915, 86702−4

Distribution switchgear; London, UK, 7-9 Nov. 1994, [London, UK: IEE 1994] 90773 (introductory abstract)

Division of Plasma Physics of the American Physical Society annual meeting; St. Louis, MO, USA, 1-5 Nov. 1993, [May 1994] 63677, 63895, 67827

Document recognition; San Jose, CA, USA, 9-10 Feb. 1994, *(SPIE; IS&T)* [1994] 95089, 95642−8, 96571, 96946

Domain structure of ferroelectrics and related materials; Nantes, France, July 1992, *(EPS; Soc. Francaise de Phys)* [1993] 55104

Dry process symposium; Tokyo, Japan, 1-2 Nov. 1993, [April 1994] 48547 (introductory abstract), 54969, 55802−18, 55842, 62434−5

Dynamical processes in excited states of solids; Cambridge, MA, USA, 2-6 Aug. 1993, [Jan. 1994] 50670, 50793, 50920

Earthing systems; Manchester, UK, 8-9 July 1993, [Leatherhead, UK: ERA Technol. 1993] 48535 (introductory abstract), 48637, 51017, 53793−803, 53832−4, 53978, 53995, 54091−5

ECOOP '93: object-oriented programming; Kaiserslautern, Germany, 26-30 July 1993, [Berlin, Germany: Springer-Verlag 1993] 51827

EDIF; Phoenix, AZ, USA, 1-3 Nov. 1993, *(USA EDIF User's Group)* [Tempe, AZ, USA: EDIF Users' Group 1993] 91782−4, 91800

Educational computing; Dallas, TX, USA, 15-17 June 1992, [Eugene, OR, USA: Int. Soc. Technol. Educ. 1992] 65459, 79171−3, 85486

EFOC & N '93 - fibre optic communications; Hague, Netherlands, 30 June-2 July 1993, [Geneva, Switzerland: Eur. Inst. Commun. & Networks 1993] 50463−72, 50518, 50677, 50758−60, 50802−4, 52102, 52287, 52488−523

EFOC & N '93 - networks; The Hague, Netherlands, 30 June-2 July 1993, [Geneva, Switzerland: Eur. Inst. Commun. & Networks 1993] 48563 (introductory abstract), 50539, 51741, 51814−21, 51873, 51909, 51965−70, 52036, 52087−99, 52206, 52273, 52293−4, 52302−4, 52312, 52363, 52477−86, 58108

EFOC & N '93 - optical access networks; The Hague, Netherlands, 30 June-2 July 1993, [Geneva, Switzerland: Eur. Inst. Commun. & Networks 1993] 48568 (introductory abstract), 48631, 52212, 52524−48, 52710−4, 58388

EFOC and N '94 - ATM networks; Heidelberg, Germany, 21-24 June 1994, [Basel, Switzerland: Eur. Inst. Commun. & Networks 1994] 69358 (introductory abstract), 82564, 85240, 85312−22, 85360−4, 85447−8, 85531−2, 85692−705, 85865−9, 85981−2, 86012, 86017, 86028, 86374−8

EFOC and N '94 - optical communication systems and access networks; Heidelberg, Germany, 21-24 June 1994, [Basel, Switzerland: Eur. Inst. Commun. & Networks 1994] 69359 (introductory abstract), 80545, 82565−72, 82719, 82994−8, 83101, 85242, 85449−50, 86380−407, 86754−6

EFOC and N '94 - optical components, fibres and cables; Heidelberg, Germany, 21-24 June 1994, [Basel, Switzerland: Eur. Inst. Commun. & Networks 1994] 79101 (introductory abstract), 82603−19, 82670, 82701−3, 82760, 82880, 83172−4, 86024−5, 86511−28

ELECTRECON 93; Indianapolis, IN, USA, 19-21 May 1993, *(Electron. Manuf. Productivity Facility)* [Indianapolis, IN, USA: Electron. Manuf. Productivity Facility 1993] 90716 (introductory abstract)

Electric vehicles; Florence, Italy, 27-30 Sept. 1992, [Milan, Italy: EVS 1992] 54186−209

Electrical and computer engineering; Vancouver, BC, Canada, 14-17 Sept. 1993, *(Canadian Soc. Electr. & Comput. Eng; IEEE Canada) V.K.Bhargava (editor/s),* [New York, NY, USA: IEEE 1993] 79095 (introductory abstract), 79199, 79209, 79214−5, 79629, 79689, 79754, 80310−2, 80497, 80502, 80543−4, 80566, 80616−8, 80696, 80806, 82783, 84013, 84162, 84572−6, 85082−7, 85150−7, 85217−8, 85808−9, 86067, 86073, 86199, 86219−20, 86294−7, 86468, 86591−4, 86740, 87011, 87303, 88467−8, 88510, 88917, 89163, 89754−5, 89839, 89923, 90006, 90194−9, 90454, 90538−9, 90601, 90837, 91067, 91107, 91889, 91978−9, 92306, 92312, 92352, 92391−2, 93289, 93356, 93383−4, 93522, 93597−8, 94048, 94139, 94226, 95019, 95076−80, 95154, 95218−23, 95328−9, 95419, 95449, 95489, 95606−7, 95673−4, 95700−4, 95760−2, 95825−32, 96129−30, 96156−8, 96196, 96212, 96224, 96369, 96410−1, 96478, 96534, 96596, 96608, 96646, 96689−93, 96832, 96866, 96875, 96888, 96903, 96926, 96935, 96970−3, 97080−2, 97162−4, 97278, 97400, 97500, 97582, 97629, 97667, 97737, 97850, 97887, 97937, 98098−9, 98262, 98281, 98753, 98890, 98894, 98996, 99111, 99423−4, 99459, 99493, 99495−6, 99598, 99620, 99626, 99646−7, 99659, 99675−6, 99680, 99690, 99699, 99711, 99716, 99761−2, 99767, 99784, 99834, 100205−6, 100356−9, 100766, 100868−9, 100873, 100918, 100944

Electrical and related properties of organic solids; Capri, Italy, 18-22 May 1992, [1993] 48555 (introductory abstract), 55582, 56298, 56429, 56520, 56902, 58898−9, 58903, 60472−3

Electrical bio-impedance; Kuopio, Finland, 28-31 July 1992, [1993-1994] 54338 (introductory abstract), 67563−7

Electrical engineering problems in the rubber and plastics industries; Akron, OH, USA, 26-27 April 1994, *(Rubber & Plastics Ind. Committee; IEEE Ind. Applications Soc.; IEEE Akron Sect)* [New York, NY, USA: IEEE 1994] 60706 (introductory abstract), 60861, 60870, 66133, 66308, 68224, 68872, 69101, 69278

Electrical impedance tomography; Barcelona, Spain, 23-25 Sept. 1993, [May 1994] 54340 (introductory abstract), 67491, 67551−60, 67571−85

Electrical machines; Adelaide, SA, Australia, 14-16 Sept. 1993, [The Levels, SA, Australia: Univ. South Australia 1993] 54181

Electrical safety in hazardous environments; London, UK, 19-21 April 1994, [London, UK: IEE 1994] 48596−8, 48608, 48632−6, 48638−41, 51016, 52329, 52773, 52967−8, 53759, 53979−87, 53989−91, 54014−5, 54022, 54254−5

Electrical transport and optical properties in inhomogeneous media; Guanajuato, Mexico, 9-13 Aug. 1993, [1 June 1994] 64005

Electricity/electronics learning, advanced educational technology; Marne-la-Vallee, France, 23-27 June 1991, *M.Caillot (editor/s),* [Berlin, Germany: Springer-Verlag 1993] 79134 (introductory abstract), 79174−90

Electrochemical measurement; London, UK, 17 March 1994, *(IEE)* [London, UK: IEE 1994] 79152 (introductory abstract), 80014−5, 80082, 87169, 87434−5, 87592−3, 90372

Electromagnetic compatibility; Manchester, UK, 5-7 Sept. 1994, [London, UK: IEE 1994] 90720 (introductory abstract)

Electromagnetic compatibility - EMC '94; Solihull, UK, 24 Feb. 1994, [Leatherhead, UK: ERA Technol. 1994] 54349 (introductory abstract), 57139−52

Electromagnetic fields; Munich, Germany, 24-25 Oct. 1991, *(Eur. Res. Office U.S. Army)* [March-April 1994] 54771, 54773, 55097, 57156, 57170

Electromagnetic fields in electrical engineering; Warsaw, Poland, 16-18 Sept. 1993, [March 1994] 50384, 50391, 51042, 53032, 54052, 54136, 54256−7

Electromechanical energy converters and drives; Montreal, Que., Canada, 7-9 July 1993, *(IMACS; IEEE Montreal Sect) G.Oliver, R.-P.Bouchard (editor/s),* [Montreal, Que., Canada: Ecole Polytech. Montreal 1993] 79084 (introductory abstract), 79341, 80091−2, 80095−6, 80950, 81914, 82257, 83527, 88556, 88955−8, 89063−8, 89195, 89203, 89570, 89706, 89797−800, 89847−58, 89880−3, 89941−57, 89970−4, 90016−8, 90043−5, 90073−5, 90079, 90111−25, 90133−44, 90289, 90324, 90328−9, 90493−501, 90507−13, 90595, 90653−4

Electron-beam sources of high-brigthness radiation; San Dieago, CA, USA, 13-14 July 1993, *(SPIE)* [1993] 48519 (introductory abstract)

Electron-beam, X-ray and ion-beam submicrometer lithographies for manufacturing IV; San Jose, CA, USA, 28 Feb.-1 March 1994, *(SPIE)* [1994] 79075 (introductory abstract), 81583−612, 81715−24, 82219

Electron devices; San Francisco, CA, USA, 13-16 Dec. 1992, *(Electron Devices Soc. IEEE)* [New York, NY, USA: IEEE 1992] 90712 (introductory abstract), 61394−7, 61432, 61558−60, 61658−66, 61716−28, 61732−9, 61778, 61858, 61913−6, 61928, 61946−8, 62002, 62060, 62063−8, 62083−9, 62100−2, 62111−5, 62121−3, 62125−9, 62152, 62300, 62329, 62412, 62488−94, 62500, 62530−3, 62551−3, 62615−7, 62623, 62636−7, 62643−7, 62665−6, 62679−80, 62705−13, 62723−5, 62735−6, 62811−25, 62829−57, 62887−8, 62911, 62955, 62960, 62964−7, 62997−3006, 63008−11, 63017−8, 63024−6, 63034−8, 63040−1, 63058, 63114, 63527, 63560, 63583, 63604−5, 63613−4, 63617, 63858−63, 66046−7, 66077, 66304−6, 66316, 66371, 66479−83, 66589, 66637, 69014, 90982, 91446−7, 91575, 91941, 91955, 92072−4, 92184−98, 92208−10, 92420, 92446, 92543−6, 92555, 92613−5, 92618, 92819, 92868−9, 92874, 92876−9, 92885−91, 92893, 92898−902, 93020, 93054, 93096−8, 93119−24, 93171−4, 93255−60, 93263−4, 93274−5, 93294, 93299−300, 93312, 93315−6, 93337−46, 93393−424, 93435−44, 93502−5, 93519, 93536−42, 93547−8, 93578−82, 93610−23, 93626−9, 93660−2, 93676−7, 94183, 94287, 94301−3, 94488−90, 94515−7, 94742, 97095, 97601, 97643, 97666, 97924−6, 97996, 98087−90, 98093−7, 98211−4, 98387−8

Electron microscopy and analysis; Liverpool, UK, 14-17 Sept. 1993, *(Royal Microscopical Soc.; Inst. Mater)* [Bristol, UK: IOP Publishing 1993] 81120, 81136, 81169, 82260

Electron spectroscopy; Kiev, Ukraine, 25 July-1 Aug. 1993, [6 May 1994] 69950, 76390

Electronic components and technology; Orlando, FL, USA, 1-4 June 1993, [New York, NY, USA: IEEE 1993] 90768 (introductory abstract), 90959−61, 91006−66, 91152−7, 91678−9, 91929, 92246, 92299, 92646−8, 92657, 92666−73, 92680−3, 92792−6, 92823, 92837, 92845−52, 93566−9, 93682, 94127−9, 94212, 94310−7, 94439, 94541−3, 96944−5, 97361−4, 97678, 97983, 98241, 99096, 100435

Electronic engineering in oceanography; Cambridge, UK, 19-21 July 1994, [London, UK: IEE 1994] 79099 (introductory abstract), 96591, 97042, 97369, 97465, 97494−5, 97801, 99161−2, 99215, 99285−93, 99296−9, 99403, 100897

Electronic in marine - ELMAR '94; Bozava, Croatia, 12-14 Sept. 1994, *(Zadar's & Knin's District; Ministr. Marine, Traffic & Commun. Republic of Croatia; et al) B.Vidmar (editor/s),* [Zadar, Croatia: Croatian Soc. Electron. Marine 1994] 90758 (introductory abstract), 90823, 91867, 92293, 92501, 92656, 93038, 93668, 93867, 94113, 94847, 94960, 95004−5, 95084, 95975, 96123, 96161−3, 96187, 96278−80, 96421, 96492, 96724−5, 96959, 97032−4, 97139−40, 97206−11, 97331−2, 97396, 97427, 97440, 97472, 97497−9, 97590, 97664, 97747, 97844, 98113, 98762, 99008, 99192, 99294, 99319, 99352, 99380−1, 99402, 99866, 99961, 100401, 100899, 100935

Electronic packaging materials science; Boston, MA, USA, 29 Nov.-3 Dec. 1993, *P.Borgesen, K.F.Jensen, R.A.Pollak (editor/s),* [Pittsburgh, PA, USA: Mater. Res. Soc. 1994] 90784 (introductory abstract)

Electronic properties of irradiation induced lattice defects in semiconductor structures; Budapest, Hungary, 9-14 Sept. 1993, *(Hungarian Nat. Comm. Technol. Dev)* [1994] 60680 (introductory abstract), 62145, 62166−8, 62248−9, 62871−2

Electronic properties of metal/non-metal microsystems; Sheffield, UK, 31 Aug.-3 Sept. 1993, [May 1994] 60718 (introductory abstract), 70064, 70103, 70174−5, 70458, 70934, 71010−1, 71097, 71132−3, 71196, 71214−5, 71250−5, 71923, 72279−80, 72537, 72569, 72623, 73012, 75903−4, 76008, 76094−9, 76151, 78817

Electronics and the environment; Arlington, VA, USA, 10-12 May 1993, *(IEEE)* [New York, NY, USA: IEEE 1993] 69378 (introductory abstract), 54376−8, 54407−9, 54426, 54439−41, 54453−62, 54473−7, 54480−2, 54505, 54645−6, 55480−1, 55505, 60652, 79235−47, 79256−9, 79276−82, 79362−5, 90838−9, 90869−72, 90875, 90889−99, 90908−9, 90944−8, 92684, 93290, 99385, 100960

Electrostatics; Poitiers, France, 12-13 May 1992, [May 1994] 48552 (introductory abstract), 57047−8, 57057, 57064, 58961, 58963, 58998

Embedded systems; Santa Clara, CA, USA, 5-8 Oct. 1993, [San Francisco, CA, USA: Miller Freeman 1993] 80375, 85306, 85618, 85661, 85689−91, 87051

EMC management, design and compliance; London, UK, 18 Feb. 1993, *(ERA)* [Leatherhead, UK: ERA Technol. 1993] 48534 (introductory abstract), 51121−42

Enabling technologies: infrastructure for collaborative enterprises; Morgantown, WV, USA, 17-19 April 1994, *(IEEE Comput. Soc.; AAAI; ACM SIGOIS)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 69521, 74979

Engineering for performance; Wellington, New Zealand, 18-20 June 1993, [Wellington, New Zealand: Electr. Supply Eng. Assoc. New Zealand 1992] 79133 (introductory abstract), 88569, 89129–35, 89336, 89361–2, 89404, 89775–6

Epitaxial growth processes; Los Angeles, CA, USA, 26-27 Jan. 1994, *(SPIE)* [1994] 79108 (introductory abstract), 91508–19, 94657

EURO-DAC/EURO-VHDL 94; Grenoble, France, 19-23 Sept. 1994, *(Gesellschaft fur Inf.; IFIP; Council of Eur. Professional Inf. Soc.; Electron. Des. Autom. Co.; IEEE Circuits & Syst. Soc.; IEEE Comput. Soc. Tech. Committee on Design Autom.; ACM SIGDA)* [New York, NY, USA: ACM 1994] 79153 (introductory abstract), 90965, 91684, 91723–51, 91908, 91998–2017, 92255–6, 92380, 92686–8, 93530–1, 93599, 93657, 95101–2, 95143, 96217, 96787, 100914

EUROGRAPHICS; Oslo, Norway, 12-16 Sept. 1994, [1994] 79660–2, 90626–7

EuroPACS (Picture Archiving and Communication Systems); Rennes, France, 30 Sept.-2 Oct. 1993, [April-June 1994] 79211, 85614, 88472–3, 88517

European design and test conference; Paris, France, 28 Feb.-3 March 1994, *(IEEE; Eur. Design Autom. Assoc.; AEIA, Spain; Altium; BULL; et al)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 48657, 49076–95, 49100–2, 49217–27, 49230, 49295–341, 49359–60, 49416, 49476–83, 49504–5, 49532, 49555, 49570–1, 49585, 49596, 49697–8, 49713, 50061–3, 50086, 51931, 52268, 52285

European hybrid microelectronics; Nice, France, 2-4 June 1993, [Versailles, France: Int. Soc. Hybrid Microelectron. 1993] 69354 (introductory abstract), 79310–1, 79382–5, 80127, 80201, 80516, 80972, 81047–8, 81090–2, 81100–8, 81116–9, 81983, 82049, 82668, 87160–4, 87339–40, 88214, 88560, 88706, 90623, 90709, 90963–4, 91871, 92710, 92818, 92821–2, 92825–9, 92840–1, 94387, 97885, 98203

Eurosensors; Budapest, Hungary, 26-29 Sept. 1993, *(IMEKO)* [1 April 1994] 48558 (introductory abstract), 54961, 54972, 54997, 55024, 55782, 56080, 56285, 56433, 56465, 56502, 57065, 57621, 58646, 58664–75, 58683–99, 58718–24, 58735–7, 58765, 58775, 58792–3, 58798–9, 58810–3, 58861–5, 58871–85, 58887–90, 58900–1, 59143, 59249–51, 59256–8, 59264–5, 59417, 59545, 59616, 60589–90, 60915, 62023, 62194–5, 62504, 62597, 63456, 66175–231, 66251–9, 66320–3, 66374–5, 66432, 66503–4, 66510–5, 66521–72, 66717, 66777, 67290–1, 67435, 67441–4, 67471, 67489, 67925–7

Evolutionary computation; Orlando, FL, USA, 27-29 June 1994, *(IEEE Neural Networks Council; IEEE Orlando Sect)* [New York, NY, USA: IEEE 1994] 91302, 91315–26, 91330, 91793–5, 92394–5, 92449, 92697, 95155, 95179, 95834–5, 95976, 99126, 99560

Experimental apparatus for high energy particle physics and astrophysics; S. Miniato, Italy, 26-30 April 1993, *(Italian Inst. Nuclear Phys)* [21 April 1994] 50080, 52767, 53107, 53288–310, 53336, 53344–50

Experimental gravitation; Nathiagali, Pakistan, 26 June-2 July 1993, [June 1994] 63289, 67933

Expert systems for electric power industry; Phoenix, AZ, USA, 8-10 Dec. 1993, *(Electr. Power Res. Inst)* [Syracuse, NY, USA: Electr. Power Res. Inst. 1993] 60748 (introductory abstract), 68013, 68024–5, 68109–11, 68140–50, 68158–9, 68165, 68228, 68318, 68337–8, 68340–1, 68352–7, 68382–94, 68408, 68421–3, 68453–6, 68546–9, 68698–9

Expert systems for scientific computing; West Lafayette, IN, USA, 17-19 May 1993, [Oct. 1994] 95597

Exploration geophysicists ; Vienna, Austria, 6-10 June 1994, *(Eur. Assoc. Exploration Geophys.; Eur. Assoc. Pet. Geophys. & Engineers)* [Zeist, Netherlands: Eur. Assoc. Exploration Geophys. 1994] 79151 (introductory abstract)

Fast prototyping of IC designs; London, UK, 2 June 1994, *(IEE)* [London, UK: IEE 1994] 90786 (introductory abstract)

Fault-tolerant computing; Austin, TX, USA, 15-17 June 1994, *(IEEE Comput. Soc. Tech. Committee on Fault-Tolerant Comput.; Univ. Texas at Austin)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 70369–76, 70472–3, 70576–8, 71749, 73611, 74944, 77200

Ferroelectric liquid crystals; Tokyo, Japan, 28 Sept.-1 Oct. 1993, [1993] 71844, 72458–70, 72505, 76115–6, 82739–41

Ferroelectric materials and their applications; Kyoto, Japan, 25-28 May 1994, [Sept. 1994] 91435–6, 91550–5, 91567–72, 91645, 92641, 93064, 93659, 93684–5, 93704–29, 93767–9, 94047, 94164, 94180, 94606–7, 97889, 97992, 99331–2, 100174–5

Ferroelectricity; St. Petersburg, Russia, June 1992, [1993] 55661, 56157, 56855, 59608, 71900, 73071, 91502–3, 93746, 93795, 98043

Fiber laser sources and amplifiers; Boston, MA, USA, 7-8 Sept. 1993, *(SPIE)* [1994] 54335 (introductory abstract), 56367, 56716–30, 56909–11

Fiber optic and laser sensors; Boston, MA, USA, 7-8 Sept. 1993, *(SPIE)* [1994] 69330 (introductory abstract), 63470, 66391–404, 72317, 73186, 76018–45, 82532, 83394–5, 87206–17

Fiber optic physical sensors in manufacturing and transportation; Boston, MA, USA, 8-10 Sept. 1993, *(SPIE)* [1994] 48504 (introductory abstract), 49039–40, 50534, 52831–2, 52910–40, 52953, 53075, 53091, 53516

Fiber optics reliability and testing; Boston, MA, USA, 8-10 Sept. 1993, *(SPIE)* [1994] 90744 (introductory abstract), 94093–104

Finite element methods for electromagnetic wave problems; Siena, Italy, 24-26 May 1994, [May 1994] 60736 (introductory abstract), 70830–1, 70850, 71719, 71875, 73220, 73255, 73261–75, 73408–9, 73434–7, 73440–2

Formal design methods for CAD; Tallinn, Estonia, 16-19 June 1994, [1994] 90907

Forward-looking infrared issues; Orlando, FL, USA, 12-13 April 1993, *(SPIE)* [1993] 69328 (introductory abstract)

Free electron laser conference; The Hague, Netherlands, 23-27 Aug. 1993, *(Air Parts Int.; Americal Phys. Soc.; Balzers; Dutch Sci.; et al)* [1 March 1994] 50715, 50717, 50769, 50870–8, 50881–8, 50895, 50915, 51035–6, 53036, 53111–21

Frontier of nuclear spectroscopy; Kyoto, Japan, 23-24 Oct. 1992, *(Int. Inst. Adv. Studies)* [Singapore: World Scientific 1993] 88138–40

Frontiers in high magnetic fields; Tokyo, Japan, 10-12 Nov. 1993, [July-Aug. 1994] 79112 (introductory abstract), 79510–1, 81325–6, 81796–7, 82002–3, 82292, 82501–9, 83567–72, 83575, 87446–7, 87449

Fullernes and atomic clusters; St. Petersburg, Russia, 4-9 Oct. 1993, [1994] 91558

Fundamental experiments in ferroelectrics; Williamsburg, VA, USA, 7-9 Feb. 1993, *(Office of Naval Res; Massachusetts Inst. Technol.; Gordon & Breach Sci. Publishers S.A.; et al)* [1993] 90750 (introductory abstract), 93699

Fusion reactor design and technology; Los Angeles, CA, USA, 13-17 Sept. 1993, [Aug. 1994] 89425–6

Fusion reactor materials; Lago Maggiore, Italy, 27 Sept.-1 Oct. 1993, [Sept. 1994] 82598, 99016

Fuzzy control II; London, UK, 19 May 1993, *(IEE)* [London, UK: IEE 1993] 82021

Fuzzy systems; San Francisco, CA, USA, 28 March-1 April 1993, *(IEEE)* [New York, NY, USA: IEEE 1993] 48707, 48714, 48753, 48785, 48791–3, 48815, 48844, 49455, 49493–5, 49559, 49587–8, 51284–5, 51535, 51561, 51632–7, 51681–6, 52125, 52324, 52621, 52653, 52703, 52761, 52952, 53397, 53405, 53617, 53792, 54034

Gallium arsenide and related compounds; Freiburg, Germany, 29 Aug.-2 Sept. 1993, *H.S.Rupprecht, G.Weimann (editor/s).* [Bristol, UK: IOP Publishing 1994] 90753 (introductory abstract)

Gamma-ray detector physics and applications; San Diego, CA, USA, 29 July 1994, *(SPIE)* [1994] 90764 (introductory abstract)

Gas, metal vapor and free-electron lasers and applications; Los Angeles, CA, USA, 25-26 Jan. 1994, *(SPIE)* [1994] 79074 (introductory abstract), 82901–9, 82938–45, 83186–93, 83415, 87314, 88705, 90695

Generation, amplification, and measurement of ultrashort laser pulses; Los Angeles, CA, USA, 25-27 Jan. 1994, *(SPIE)* [1994] 69367 (introductory abstract), 72705, 72768–77, 72896, 72968, 73002–5, 73106–16, 75486, 75999, 76090, 82986, 83234, 83281–5, 83401

Genetic algorithms; Urbana-Champaign, IL, USA, 17-22 July 1993, [San Mateo, CA, USA: Morgan Kaufmann 1993] 54716–8, 55033–4, 55343, 56062, 57378–80, 57806, 58077

Genetic algorithms applications; London, UK, 15 March 1994, *(IEE)* [London, UK: IEE 1994] 54288 (introductory abstract), 54701–4

Genetic algorithms in image processing and vision; London, UK, 20 Oct. 1994, *(IEE)* [London, UK: IEE 1994] 90774 (introductory abstract)

Geoscience and remote sensing. vol.1; Tokyo, Japan, 18-21 Aug. 1993, *(IEEE; URSI; IEICE of Japan) S.Fujimura (editor/s).* [New York, NY, USA: IEEE 1993] 54347 (introductory abstract), 64228, 64241, 64843–5, 65873, 65893–6, 67757–8, 67763–89, 67792–800, 67810, 67815–26, 67830–3, 67853, 67855–70, 67874–80, 67882–4, 67888–915, 67917–23, 70204, 72998, 73203, 73291–3, 73301, 73347–54, 75367, 75582, 75616–9, 75621, 75638–40, 75691–2, 75694–6, 77208, 77211–27, 77239–68, 77275–92, 77300–11, 77345–63, 77365–80, 77385–96, 77401–7, 77422–47, 77450–72, 77478–500, 77509–29, 77569, 77571–2, 77578–653, 77655–94, 77704–18

Global data networking; Cairo, Egypt, 12-15 Dec. 1993, *(IEEE Comput. Soc) A.N.Nantawy (editor/s),* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 69364 (introductory abstract), 95053, 96149–52, 96225–8, 96479–83, 96577, 96647–52, 96796–7, 96846, 96918, 97083, 97110–1, 97245

Global telecommunications. vol.1; Houston, TX, USA, 29 Nov.-2 Dec. 1993, *(IEEE Houston Section; IEEE Galveston Bay Area Section; IEEE Commun. Soc)* [New York, NY, USA: IEEE 1993] 60767 (introductory abstract), 69616–9, 70327, 70422, 72149, 73595–6, 73680–6, 73770–2, 74135–41, 74217, 74547, 74637–43, 74654, 74657–9, 74683, 74720, 74727–9, 74750, 74768–70, 74775, 74780, 74801–2, 74821–2, 74829–31, 74840–3, 74852–63, 74867–73, 74876–7, 74940–2, 74976–7, 75001–6, 75065–6, 75080–3, 75092–7, 75100–1, 75104, 75112, 75133, 75141, 75146–7, 75149, 75155, 75157–61, 75166, 75188, 75190–1, 75193–8, 75246–55, 75273–7, 75286–300, 75305–8, 75372–4, 75376–7, 75423–33, 75479–82, 75519, 75687, 75710, 75744–5, 82282, 83921–2, 83989–90, 84005–9, 84016, 84181, 84483, 84548–55, 84582, 85202, 85219, 85248, 85251–4, 85262, 85271, 85284, 85334–5, 85343–4, 85348–51, 85371–2, 85376–8, 85500–1, 85539–40, 85542, 85807, 85852–4, 85883–4, 85887–8, 85907–9, 85939–43, 85990, 86003, 86006–7, 86055–63, 86072, 86178–86, 86197–8, 86231–7, 86276–9, 86300–3, 86305–6, 86433–6, 86458–65, 86498–9, 86656, 86722–3, 88649, 88845, 94225, 95095–100, 95259, 95448, 95698, 95758–9, 96131–42, 96147–8, 96182–3, 96192–3, 96216, 96268–9, 96374–7, 96462–3, 96474–7, 96572, 96605–7, 96640–5, 96784–6, 96841–2, 96880, 96925, 96939–40, 96947–8, 97103–9, 97188–92, 97241–2, 97273–6

Global telecommunications strategies and technological changes; Sophia Antipolis, France, 14-17 June 1993, *G.Pogorel (editor/s),* [Amsterdam, Netherlands: Elsevier 1994] 79119 (introductory abstract), 90718, 96293–300, 96371–3, 96460, 96522, 96603, 96783

Gradient index optical systems; Rochester, NY, USA, 7-8 June 1994, *(Opt. Soc. America)* [Washington, DC, USA: Opt. Soc. America 1994] 90728 (introductory abstract)

Graph-theoretic concepts in computer science; Utrecht, Netherlands, 16-18 June 1993, *(ESPRIT) J.van Leeuwen (editor/s),* [Berlin, Germany: Springer-Verlag 1994] 60704 (introductory abstract), 61092–4, 64920, 65089

Graph transformations in computer science; Dagstuhl Castle, Germany, 4-8 Jan. 1993, [Berlin, Germany: Springer-Verlag 1994] 51566

Groupware '92; San Jose, CA, USA, 2-5 Aug. 1992, *D.D.Coleman (editor/s).* [San Mateo, CA, USA: Morgan Kaufmann Publishers 1992] 79094 (introductory abstract), 85475–6, 85611–3, 85795–8, 85922–3

Hardware/software codesign; Grenoble, France, 22-24 Sept. 1994, *(IEEE Comput. Soc. Tech. Committee on Design Autom.; IEEE Comput Soc. Tech. Committee on Software Eng.; ACM SIGDA; ACM SIGSE; IFIP WG 10.5 in cooperation with WG 10.2)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 80267, 84334, 85395, 85999, 86705

Helmet- and head-mounted displays and symbology design requirements; Orlando, FL, USA, 5-7 April 1994, *(SPIE)* [1994] 60716 (introductory abstract), 66622–30, 66633, 67632, 67672, 67680–700, 67719–23

Heterogeneous computing; Cancun, Mexico, 26 April 1994, *(IEEE)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 52163–5

HF radio systems and techniques; York, UK, 4-7 July 1994, [London, UK: IEE 1994] 69388 (introductory abstract), 91687, 92336, 94811–3, 94825–32, 94880, 94968–9, 94993, 95026, 95456–7, 96889, 96892–4, 96984–97, 97002, 97010–31, 97045, 97048, 97138, 97193, 97220–1, 97395, 97412–4, 97515–6, 97588, 99171–4, 99191

High capacity optical communications; London, UK, 16 May 1994, *(IEE)* [London, UK: IEE 1994] 60731 (introductory abstract), 65796–811, 75407

High energy physics and cosmology; Madrid, Spain, 5-7 Sept. 1992, [Singapore: World Scientific 1993] 67456

High frequency power conversion; San Jose, CA, USA, 17-21 April 1994, [Ventura, CA, USA: Intertech Int. 1994] 79100 (introductory abstract)

High-level synthesis; Niagara-on-the-Lake, Ont., Canada, 18-20 May 1994, *(IEEE Tech. Committee on Data Autom.; ACM SIGDA)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 54285 (introductory abstract), 55062–9, 55221–2, 55274, 56064, 57576, 58263

High performance computing and networking; Netherlands, 17-18 May 1993, [June 1994] 69696, 84610

High performance distributed computing; San Francisco, CA, USA, 2-5 Aug. 1994, *(IEEE Comput. Soc. Tech. Committee on Distributed Process.; Northeast Parallel Archit. Center (NPAC) at Syracuse Univ.; ACM SIGCOMM)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 80332, 82039, 83624, 85323, 85706–17

High pressure science and technology; Colorado Springs, CO, USA, 28 June-2 July 1993, [1994] 79769–71, 81230, 81322, 81795, 83129, 86952, 87109–13, 87126–33, 87250, 87413, 87552–3, 87594–5, 87606–7, 88333–4, 88541, 88628, 88742

High-speed communication networks; Raleigh, NC, USA, 27-28 Feb. 1992, *(North Carolina State Univ.; IEEE; IBM) H.Perros (editor/s).* [New York, NY, USA: Plenum 1992] 48583 (introductory abstract), 57955–6, 57965–6, 57989–91, 58019–21, 58078, 58155–9, 58218–20

High speed networks; Ottawa, Ont., Canada, 6-7 Oct. 1993, [Neuilly sur Seine, France: AGARD 1994] 79103 (introductory abstract), 85778–80

High-speed photography and photonics; Victoria, BC, Canada, 21-25 Sept. 1992, *(SPIE; Cordin Co.; Dewey McMillin & Associates; Hadland Photonics ; et al)* [1993] 69325 (introductory abstract)

High-temperature plasma diagnostics; St. Petersburg, Russia, 26 May-1 June 1993, [July 1994] 81143, 81147, 83204, 87798

High-temperature superconducting detectors: bolometric and nonbolometric; Los Angeles, CA, USA, 25-26 Jan. 1994, *(SPIE)* [1994] 60715 (introductory abstract), 63283, 63307–10, 66009, 66292, 66346–59, 66714, 67811

Higher order logic; Leuven, Belgium, 21-24 Sept. 1992, [July 1994] 80056, 80377

Higher order logic theorem proving and its applications; Vancouver, BC, Canada, 11-13 Aug. 1993, [Berlin, Germany: Springer-Verlag 1994] 55070, 55235, 55307–10

Holographic imaging and materials; Quebec, Que., Canada, 19-20 Aug. 1993, *(SPIE)* [1994] 54306 (introductory abstract), 56456, 56952–98, 59347

Holography correlation optics, and recording materials; Chernovtsy, Russia, 10-14 May 1993, *(SPIE)* [1993] 64022 (introductory abstract)

Hopping and related phenomena; Glasgow, UK, 31 Aug.-3 Sept. 1993, [30 March 1994] 49769, 49788

Hot carriers in semiconductors; Oxford, UK, 16-20 Aug. 1993, [May 1994] 61926, 62136–7, 62153–7, 62179–90, 62260–97, 62313, 62640–2, 62670–7, 62721–2, 62827, 62912–4, 63553, 63561, 63592, 63602–3, 63749–51, 63853–4

Human-computer interaction; Orlando, FL, USA, 8-13 Aug. 1993, *(AT&T; Fuji Electr. Co.; JGC Corp.; NEC Corp.; Purdue Univ.; Univ. Central Florida; Univ. Wisconsin-Madison)* [Amsterdam, Netherlands: Elsevier 1993] 60860, 61477, 62956, 64380, 65115–6, 65141–2, 65211–4, 65460–2, 67592, 67701–2, 67743, 68108, 68373, 73895

Human factors in computing; Monterey, CA, USA, 3-7 May 1992, *(IEEE; ACM)* [New York, NY, USA: ACM Press 1992] 61056, 64343, 65205, 65275, 65451–6, 66072–3, 66092

Human vision, visual processing, and digital display; San Jose, CA, USA, 8-10 Feb. 1994, *(SPIE)* [1994] 69337 (introductory abstract)

HVDC and flexible AC power transmission systems; Wellington, New Zealand, 29 Sept.-1 Oct. 1993, [Upper Hut, New Zealand: CIGRE 1993] 54296 (introductory abstract)

Hybrid image and signal processing; Orlando, FL, USA, 7 April 1994, *(SPIE)* [1994] 60755 (introductory abstract), 69907, 72511, 74359–84, 75888

IATUL conference; Hamburg-Harburg, Germany, 19-23 July 1993, [1994] 96667–8

Image acquisition and scientific imaging systems; San Jose, CA, USA, 9-10 Feb. 1994, *(SPIE)* [1994] 60752 (introductory abstract), 70199, 71053, 75728, 75887, 75898, 75997, 76070–3, 76084–7, 76252, 76884, 76927–9

Image algebra and morphological image processing; San Diego, CA, USA, 25-26 July 1994, *(SPIE)* [1994] 79092 (introductory abstract), 85100–32, 95770

Image analysis and interpretation; Dallas, TX, USA, 21-24 April 1994, *(IEEE Dallas Sect.; IEEE Signal Process. Soc)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 54301 (introductory abstract), 54571, 57812–23, 57914–25, 58468, 59381, 59548

Image analysis and processing; Monopoli, Italy, 20-22 Sept. 1993, *S.Impedovo (editor/s).* [Singapore: World Scientific 1994] 79118 (introductory abstract), 80971, 83988, 84861–92, 87035, 88425–6

Image and signal processing; San Diego, CA, USA, 28-29 July 1994, *(SPIE)* [1994] 90762 (introductory abstract)

Image and video compression; San Jose, CA, USA, 9-10 Feb. 1994, *(SPIE; IS&T)* [1994] 54292 (introductory abstract), 64268, 64674–94, 65480–1, 66027, 66040, 66065

Image and video processing; San Jose, CA, USA, 7-9 Feb. 1994, *(SPIE; IS&T)* [1994] 54291 (introductory abstract), 64645–73, 65935, 66148–51, 67477–8, 67670, 67676

Image perception; Newport Beach, CA, USA, 17-18 Feb. 1994, *(SPIE)* [1994] 69335 (introductory abstract)

Image processing; Budapest, Hungary, 20-22 June 1994, *(Eur. Assoc. Signal Process. EURASIP; IEEE Hungary Sect.; Hungarian Radiocommun. Corp. ANTENNA HUNGARIA)* [May-June 1994] 60712 (introductory abstract), 69589, 69700, 73602–7, 73952–3, 74269–97, 75546–7, 75676, 75725, 76907–11, 79050

Image texture analysis; Patras, Greece, 13-15 Dec. 1993, *(KFKI Res. Inst. Meas. Comput. Tech.; Nat. Committee Technol. Dev.; et al) G.Nemeth, L.Boroczky (editor/s).* [Budapest, Hungary: KFKI Res. Inst. Meas. Comput. Tech. 1994] 48584 (introductory abstract), 48718–9, 51726–32

IMPACT-IV; Berlin, Germany, 23-24 Aug. 1993, [Sept. 1994] 91398

Indium phosphide and related materials; Santa Barbara, CA, USA, 27-31 March 1994, *(IEEE)* [New York, NY, USA: IEEE 1994] 48564 (introductory abstract), 54814, 54816, 54896–906, 54921–31, 54963–5, 55398–9, 55408–15, 55566–9, 55571, 55624–6, 55637–44, 55651–3, 55658, 55679, 55692–3, 55696, 55721–3, 55788, 55823–6, 55845–6, 55852, 55894, 55912, 55923–30, 56017–23, 56032–44, 56395, 56405, 56414, 56434–6, 56526, 56554–6, 56592–4, 56782–92, 56804–18, 58423–6, 58796–7, 60475–6, 60478–81

Individual monitoring of ionising radiation; Villigen, Switzerland, 5-7 May 1993, [1994] 88131, 88590–610, 88616

Industrial and commercial power systems; Irvine, CA, USA, 1-5 May 1994, *(IEEE Ind. Appl. Soc.; Ind. & Commercial Power Syst. Dept.; IEEE Orange County Sect.; IEEE Orange County Joint Chapter of the Ind. Appl./Power Eng. Soc)* [New York, NY, USA: IEEE 1994] 60684 (introductory abstract), 68001–5, 68014, 68072–3, 68112, 68211–6, 68298, 68312–4, 68331, 68339, 68348–9, 68413, 68481, 68623, 68630, 68693, 68905, 68917, 68921, 69142, 69250, 69277, 69291–3

Industrial and commerical power systems; St. Petersburg, FL, USA, 2-6 May 1993, *(IEEE)* [New York, NY, USA: IEEE 1993] 48562 (introductory abstract), 53608–12, 53708, 53728, 53750, 53811–5, 53844–5, 53946, 53976, 53998, 54032, 54065–6, 54124

Industrial electronics; Santiago, Chile, 25-27 May 1994, *(IEEE Ind. Electron. Soc.; Catholic Univ. Chile; IEEE Chile Sect.; Chilean Assoc. Autom. Control)* [New York, NY, USA: IEEE 1994] 79098 (introductory abstract), 79312–4, 81080, 85182–5, 85838–9, 87026–7, 87166–7, 87548–9, 90005, 90333–4, 90569, 90624, 91101, 91771–2, 91876–7, 95755–7, 97901, 99510–1, 99660–1, 100121–5, 100239–47, 100820–4

Industrial electronics, control and instrumentation; Maui, HI, USA, 15-19 Nov. 1993, *(IEEE Ind. Electron. Soc.; Soc. Ind. Control Eng. Japan)* [New York, NY, USA: IEEE 1993] 79127 (introductory abstract), 79213, 79248, 79505, 80128–38, 80542, 81753, 82050, 84161, 85600, 85828–33, 87165, 88427, 88527, 88558, 88692, 89090–2, 89155, 89206, 89405, 89586, 89836, 89894, 89922, 89975–6, 90003–4, 90023–4, 90030–1, 90096, 90145–59, 90192, 90200–13, 90473, 90514–24, 90562–8, 90570–80, 90613–5, 90657–9, 90666, 90678, 90914, 90927, 91092–3, 91897, 91951, 92254, 92290, 92434, 92789–90, 93763, 93791, 93899, 94704, 94750, 95250, 95416–8, 95699, 95818–24, 95940–9, 97277, 97379, 97777–8, 97784–5, 97811, 97931–6, 97957, 98111–2, 98297, 98308, 98318, 98330, 98362, 99059, 99121, 99130, 99494, 100046, 100082–4, 100114, 100143–4, 100157, 100164–5, 100170, 100183, 100318–44, 100798–800, 100833–4, 100854–63, 100878, 100964

Industrial fuzzy control and intelligent systems; Houston, TX, USA, 1-3 Dec. 1993, *(Center for Fuzzy Logic & Intelligent Syst. Res., Texas A&M Univ.; IEEE Neural Networks Council)* [New York, NY, USA: IEEE 1993] 69549, 69623, 70294, 70776, 70787–90, 74224, 77576, 78576–7, 78653

Industrial lasers and laser material processing; Shatura, Russia, 14-16 April 1993, *(SPIE; Russia Acad. Sci.; Minist. Sci. Russia; et al)* [1994] 69334 (introductory abstract)

Industrial optical sensing and metrology; Boston, MA, USA, 10 Sept. 1993, *(SPIE)* [1993] 60693 (introductory abstract)

Industry applications conference; Toronto, Ont., Canada, 2-8 Oct. 1993, *(IEEE)* [New York, NY, USA: IEEE 1993] 60681 (introductory abstract), 60198–200, 60233–6, 60248–50, 60363–4, 60533–44, 60583, 60907, 60934, 60957, 61512–5, 61561, 61975, 61998, 62131, 62620, 62655–6, 62730–3, 62769–70, 63031, 63053–4, 63081, 63084, 64071–88, 64101, 64103–8, 64111–2, 65354, 66673, 66703, 66705, 66763–4, 67977–84, 67993–9, 68037, 68053–4, 68070, 68190, 68202–4, 68293, 68310–1, 68327, 68347, 68419–20, 68437, 68502–3, 68505, 68523–7, 68530, 68539, 68550–63, 68566, 68591–612, 68616, 68620, 68628–9, 68639–41, 68648–50, 68656–8, 68665, 68668, 68704, 68714–41, 68762–84, 68902, 68922, 68933, 68936, 69023–4, 69043–59, 69065, 69097–100, 69123–8, 69138, 69140, 69151, 69190–5, 69203–19, 69223–4, 69230–1, 69238, 69247, 69249, 69258, 69265–6, 69270–2, 69286, 69294–300

Informatics, economy, society; Dresden, Germany, 27 Sept.-1 Oct. 1993, [Berlin, Germany: Springer-Verlag 1993] 79295–6, 79482, 84183, 85553, 85615, 85932, 85996–7, 95705, 99924

Information communication; Antigonish, NS, Canada, 12-14 July 1993, *(Canadian Assoc. Inf. Sci)* [Toronto, Ont., Canada: Candian Assoc. Inf. Sci. 1993] 52103–4

Information networks and data communication; Funchal, Portugal, 18-21 April 1994, [1994] 79081 (introductory abstract), 83982–3, 85327–9, 85533–5, 85610, 85749–56, 85875–6, 85891, 85917–8

Information retrieval; Copenhagen, Denmark, 21-24 June 1992, *(ACM)* [1992] 85149

Information systems; New York, NY, USA, 16-18 Dec. 1991, *(Soc. Inf. Manage.; TIMS; ACM; IFIP)* [Baltimore, MD, USA: ACM 1991] 52123

Information theory; San Antonio, TX, USA, 18-22 Jan. 1993, *(IEEE)* [New York, NY, USA: IEEE 1992] 60738 (introductory abstract)

Information theory and applications; Rockland, Ont., Canada, 30 May-2 June 1993, *T.A.Gulliver, N.P.Secord (editor/s).* [Berlin, Germany: Springer-Verlag 1994] 60773 (introductory abstract), 69662, 69799, 70377, 73587–8, 73613–21, 73660, 74033, 74628, 74644, 74650, 74709, 75068, 75180–1, 75257–8, 75727

Infrared and millimeter waves; Colchester, UK, 6-10 Sept. 1993, *(SPIE)* [1993] 69348 (introductory abstract)

Infrared detectors and focal plane arrays; Orlando, FL, USA, 5-6 April 1994, *(SPIE)* [1994] 90748 (introductory abstract)

Infrared detectors and instrumentation; Orlando, FL, USA, 14-16 April 1993, *(SPIE)* [1993] 54289 (introductory abstract), 58777–90, 58844–57, 63022, 63363, 64578–9, 66317, 66414–31, 68654

Infrared imaging systems; Orlando, FL, USA, 14-15 April 1993, *(SPIE)* [1993] 60692 (introductory abstract), 63476, 64616–7, 65928, 66137, 66434–55, 66616, 67669, 67675, 67802, 67887, 67951–3, 67971

Innovative methods in numerical analysis; Bressanone, Italy, 7-11 Sept. 1992, [Sept. 1994] 79664 (introductory abstract), 79750

Instrument calibration contribution to quality; London, UK, 11 May 1994, *(IEE)* [London, UK: IEE 1994] 60730 (introductory abstract), 60896, 60993, 66101–9

Instrumentation and measurement technology; Irvine, CA, USA, 18-20 May 1993, [April 1994] 90710 (introductory abstract), 70201, 70235, 70883, 70976, 70996, 72105, 74008–12, 74389, 75820, 75855–6, 75869, 75875, 75889–95, 75931–6, 75988, 76047–9, 76074–5, 76112, 76174–5, 76265, 76831, 76933, 78678, 90913, 91095, 91626, 91890, 91913, 91923, 91947, 91954, 92093, 92313–8, 92369, 92393, 92495, 92556, 92619, 92631, 92643, 92658, 92696, 92713, 92908, 93276, 93506, 93550–1, 93858, 93960, 93973, 93975, 94061, 94089–90, 94191, 94419, 94578, 94861–5, 94881, 94989–92, 95139, 95274, 95415, 95488, 95492–3, 95974, 96575, 96602, 96683–6, 96949, 96961, 97003, 97239–40, 97267–9, 97306–7, 97436, 97439, 97496, 97740, 97743–6, 97752–6, 97759–66, 97769, 97772–6, 97781–3, 97790–6, 97815, 97827–8, 97835–41, 97843, 97859, 97862–71, 97877, 97886, 97897, 97920–3, 97938–43, 97958–63, 97993–5, 98001, 98007, 98026–8, 98034–40, 98086, 98120, 98163, 98175, 98177–8, 98180, 98184–6, 98188, 98210, 98222, 98242–3, 98252, 98255, 98260, 98265, 98270–2, 98288–9, 98295, 98301–6, 98309, 98311, 98316, 98319, 98335, 98349, 98353, 98361, 98363–5, 98379–80, 98688, 98757–8, 98852–4, 98873, 98903–4, 98929, 98955, 98991, 99007, 99049, 99069, 99129, 99138, 99167, 99318, 99374–6, 99407, 99559, 99586–7, 99789–90, 100169, 100261, 100350, 100851

Insulation; Vaasa, Finland, 13-15 June 1994, [Vaasa, Finland: ABB Corp. Res. 1994] 79149 (introductory abstract), 80946, 82111–3, 82128–34, 83532, 89286–9, 89338–45, 89837–8, 90089–95, 90304–7, 90317, 93697

Intake of radionuclides; Bath, UK, 13-17 Sept. 1993, [1994] 99009–11, 99013

Integrated broadband communication networks and services; Copenhagen, Denmark, 20-23 April 1993, *(ICCC; IFIP; KTAS)* [1994] 48577 (introductory abstract), 48751–2, 51777–84, 51856–7, 51899, 51947–51, 52030, 52182–5, 52224–34, 52277–9

Integrated circuit metrology, inspection, and process control; San Jose, CA, USA, 28 Feb.-2 March 1994, [1994] 79091 (introductory abstract), 79452–8, 80328, 80736, 81163, 81399, 81693–714, 82025–31, 82085, 86836, 87001, 87276, 87519–25

Integrated ferroelectrics; Colorado Springs, CO, USA, 19-21 April 1993, [1994] 48559 (introductory abstract), 49003, 49432, 49642, 49781, 50130, 50160, 52646, 53570, 70151, 71756, 71894–7, 79911, 82149–52, 82179–82, 82678, 93691, 93753, 93807–10

Integrated operations management and control; London, UK, 28 Jan. 1993, *(IEE)* [London, UK: IEE 1993] 48725, 52139

Integrated processing for micro and optoelectronics; Strasbourg, France, 4-7 May 1993, [Aug. 1994] 69370 (introductory abstract), 90885, 90920–2, 91452–5, 91582–8, 92912, 93099–100, 93177–83, 93429–32, 94231

Intelligence in broadband services and networks; Aachen, Germany, 7-9 Sept. 1994, [Berlin, Germany: Springer-Verlag 1994] 96366–7, 96441–55, 96497–515, 96550–2, 96839, 96858–64, 98993

Intelligent networks; London, UK, 11 May 1994, *(IEE)* [London, UK: IEE 1994] 60686 (introductory abstract), 65156, 65465–70

Intelligent systems engineering; Hamburg-Harburg, Germany, 5-9 Sept. 1994, *(British Comput. Soc.; Directorate Gen. Ind. CEC; Gesellschaft fur Informatik (GI); et al)* [London, UK: IEE 1994] 79221, 79469, 80078, 80381, 83846, 85214, 85471, 86615, 87333, 89579, 90019

Intense beams and applications: Lasers, ions, and microwaves; Los Angeles, CA, USA, 27-28 Jan. 1994, *(SPIE)* [1994] 90732 (introductory abstract), 94042, 94333–7, 94551, 94574–6, 97416–7

Interdisciplinary computer vision: applications and changing needs; Washington, DC, USA, 13-15 Oct. 1993, *(SPIE; AIPR Executive Comm.; CIA)* [1994] 58836, 59590

Interferometry: applications; San Diego, CA, USA, 14-15 July 1993, *(SPIE; Soc. Exp. Mech)* [1994] 60751 (introductory abstract), 70186–9, 70197–8, 73131, 73154–62, 73166, 75649, 75852, 75874, 75928, 76046, 76194–7, 76203–8, 76218, 76272

Interferometry VI: techniques and analysis; San Diego, CA, USA, 12-13 July 1993, *(SPIE)* [1993] 48545 (introductory abstract)

Internal friction and ultrasonic attenuation in solids; Rome, Italy, 6-9 Sept. 1993, *(Univ. Roma La Sapienza; Accad. Naz. Lincei; American Phys. Soc.; Bruel & Kjaer; et al)* [Sept. 1994] 91573, 93730, 93869

International Society of Biomechanics congress; Paris, France, 4-8 July 1993, [June 1994] 69342 (introductory abstract)

Interworking in broadband networks; Switzerland, 18-20 Nov. 1992, *S.Rao (editor/s),* [Amsterdam, Netherlands: IOS Press 1993] 48589 (introductory abstract), 58160–80, 58221–32

Ion beam analysis; Balatonfured, Hungary, 5-9 July 1993, [March 1994] 48655–6, 48928–9, 48992, 49414, 49767, 49806, 49817, 49831–2, 49855–62, 49894, 51039, 53096, 53122–3

Ion beam, plasma, laser, and thermally-stimulated deposition processes; Strasbourg, France, 4-7 May 1993, [1 April 1994] 48920–3, 48957–8, 48977–89, 49813, 49883–4, 49918, 52965–6, 52997

Ion sources; Beijing, China, 31 Aug.-4 Sept. 1993, *(Nat. Natural Sci. Found. China; Beijing Inst. Modern Phys.; Peking Univ)* [April 1994] 53125–31, 53146–282, 53522–3

Ionospheric effects; Alexandria, VA, USA, 4-6 May 1993, *(Naval Res. Lab.; Office Naval Res.; Phillips Lab.; US Army CECOM, Space & Terrestrial Commun. Directorate; et al)* [Arlington, VA, USA: SRI Int. 1993] 60769 (introductory abstract), 64156–7, 65124, 65594, 65878, 65898–913, 73329–44, 75382–6, 75678–80, 83655–63, 83668–79, 83687–91, 83711–6, 85209, 86041–5, 86048, 86141, 86257, 86576, 86653–4, 88741, 88765

Joint railroad conference; Chicago, IL, USA, 22-24 March 1994, *(ASME; IEEE) K.L.Hawthorne, R.J.Hill (editor/s),* [New York, NY, USA: IEEE 1994] 48512 (introductory abstract), 52313, 52364, 52812, 53088, 54210–22, 54572

Knowledge-based software engineering; Monterey, CA, USA, 20-23 Sept. 1994, *(Rome Lab., USAF; AAAI; ACM SIGART; IEEE Comput. Soc)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 85397

LAN interconnection; Research Triangle Park, NC, USA, 20-22 Oct. 1993, *(IEEE; IBM; Centre Commun. & Signal Processing; IFIP) R.O.Onvural, A.Nilsson (editor/s),* [New York, NY, USA: Plenum 1993] 60727 (introductory abstract), 64972, 65061, 65100, 65191, 65355–69, 65424–5, 65505

Laser applications in ophthalmology; Budapest, Hungary, 2-3 Sept. 1993, *(SPIE; BIOSIS; EOS)* [1994] 60675 (introductory abstract)

Laser-assisted fabrication of thin films and microstructures; Quebec, Que., Canada, 17-19 Aug. 1993, *(SPIE; Gov. Canada; Gov. Quebec; et al)* [1994] 60695 (introductory abstract), 60955, 61261–2, 61322, 61324, 61344–5, 61350–1, 62028, 62033, 62231, 62433, 62446–7, 62502, 62510–2, 62591, 62602–4, 62930, 63127, 63266, 63454–5, 63459, 63505, 63528–9, 64042, 64326, 66170, 66372–3, 68655

Laser beam propagation and control; Los Angeles, CA, USA, 25-26 Jan. 1994, *(SPIE)* [1994] 90706 (introductory abstract), 94568–70, 94693–5, 94836–44, 94846, 97248, 97431, 99163, 99396

Laser conference; Lyon, France, 8-10 Dec. 1993, [April 1994] 69374 (introductory abstract)

Laser interaction with hard and soft tissue; Budapest, Hungary, 2-4 Sept. 1993, *(SPIE; BiOSIS; EOS)* [1994] 60677 (introductory abstract)

Laser materials processing; Orlando, FL, USA, 24-28 Oct. 1993, *(SPIE; Laser Inst. America)* [1994] 79138 (introductory abstract)

Laser resonators with graded reflectance mirrors; Florence, Italy, 8-9 Sept. 1993, [July 1994] 60762 (introductory abstract), 72380–1, 72555, 72760–1, 72957–61, 72965–6, 72974–6, 72978–84, 73192, 75456, 76055, 77508

Laser spectroscopy; Hot Springs, VA, USA, 13-18 June 1993, [1994] 50721, 50784–5, 50838, 50954, 52583

Laser technologies; Shatura, Russia, 14-16 April 1993, [1993] 54283 (introductory abstract), 56466, 56629–38, 56834–5, 56848, 57033, 58794, 59374

Lasers and electro-optics; Baltimore, MD, USA, 2-7 May 1993, *(IEEE; Optical Soc. America; EPS; Japanese Quantum Electron. Joint Group)* [Washington, DC, USA: Opt. Soc. America 1993] 60703 (introductory abstract)

Lasers as tools for manufacturing; Boston, MA, USA, 8 Sept. 1993, *(SPIE)* [1994] 48526 (introductory abstract)

Lasers in urology; Los Angeles, CA, USA, 22-23 Jan. 1994, *(SPIE)* [1994] 69340 (introductory abstract)

Life sciences and space research XXV (3); Washington, DC, USA, 28 Aug.-5 Sept. 1992, [Nov. 1994] 69321 (introductory abstract)

Lighting; London, UK, 26 May 1993, [Leatherhead, UK: ERA Technol. 1993] 48539 (introductory abstract), 54240–9, 54251–2

Linear RF amplifiers and transmitters; London, UK, 11 April 1994, *(IEE)* [London, UK: IEE 1994] 48588 (introductory abstract), 49195, 52433–8, 52680

Linkage and developing countries. Information processing; Hamburg, Germany, 28 Aug.-2 Sept. 1994, [1994] 79125, 82045, 85597, 85791–4, 88641

Liquid crystal conference; Vil'njus, Lithuania, Aug. 1991, [1992] 93427

Liquid crystal research in Poland; Zakopane, Poland, 12-17 Oct. 1992, [1994] 87596

Liquid radiation detectors; Tokyo, Japan, 7-10 April 1992, [Tokyo, Japan: Waseda Univ. 1992] 60739 (introductory abstract), 62130, 66364, 67320–46, 67395, 67415, 67523

Logic in computer science; Paris, France, 4-7 July 1994, *(IEEE Comput. Soc. Tech. Committee on Math. Found. Comput.; INRIA)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 70378

Logic system synthesis and optimisation; London, UK, 14 March 1994, *(IEE)* [London, UK: IEE 1994] 48538 (introductory abstract), 49342–8, 49572, 50647

Longer wavelength lasers and applications; Los Angeles, CA, USA, 27-28 Jan. 1994, *(SPIE)* [1994] 90749 (introductory abstract), 94422–3, 94635–6

Low level LF magnetic fields; London, UK, 14 April 1994, *(IEE)* [London, UK: IEE 1994] 54329 (introductory abstract), 58728, 58951–2

Low temperature electronics; Grenoble, France, 29 June-1 July 1994, *(Inst. Nat. Polytechnique; CNRS; Direction Recherches Etudes Tech.; et al)* [June 1994] 60737 (introductory abstract), 61867, 61944, 62311, 62634; 62700–4, 62800–9, 62882–6, 62994–6, 63023, 63285, 63318–25, 66013–4, 66112, 66314, 66361–2, 66369, 67361

Low-temperature physics; Eugene, OR, USA, 4-11 Aug. 1993, *(IUPAP; American Phys. Soc)* [Feb. 1994] 50024, 50402–20, 50426–32, 50435, 50438, 52282, 52818–9, 52860, 53072, 53092, 53321–3, 53334–5, 53364, 54048, 55579, 55947, 56045, 56047, 56258–60, 56269, 56275–7, 56282, 58750, 58910, 59028, 59060, 62298, 62915, 63290–3, 63299–302, 63315–6, 63551, 63618, 66641, 67289, 67298, 67410, 71872

Luminescence; Storrs, CT, USA, 9-13 Aug. 1993, [April 1994] 71163–4, 72571–3, 72576–7, 72626, 72732, 72737–8, 73030–6, 76758

Machine vision applications in industrial inspection; San Jose, CA, USA, 8-9 Feb. 1994, *(SPIE; IS&T)* [1994] 69332 (introductory abstract), 69595–601, 69608–11, 70594, 74356, 75759, 76211, 78295

Magnet technology; Victoria, BC, Canada, 20-24 Sept. 1993, [July 1994] 69313 (introductory abstract), 72219, 72257–73, 73241–4, 73398, 75834–5, 76172, 76344–51, 76565–75, 76795, 76856, 78731–2, 78843, 82235, 82286, 82310–7, 82322–9, 82403–55, 82457–92, 82513, 83417, 83533–53, 83557–63, 83578, 87614–8, 87669–90, 87773–95, 87943, 87946, 87958, 88070, 88216, 88260, 88369, 88565, 89290–7, 89299–305, 89348, 89367, 89783–5, 89790, 89842, 90055, 90061, 90100–1, 90456

Magnetic materials and applications conference, European; Kosice, Slovakia, 24-27 Aug. 1993, *(Comm. Eur. Communities; East Slovakian Ironworks, Kosice; Deutsche Phys. Gesellschaft E.V.; E.C.C.I.S., Kosice; City Council of Kosice; ISF, USA; MANICS, France; CRYOPHYSICS, S.A., Switzerland; EDIS, Slovakia)* [March 1994] 69306 (introductory abstract), 70147, 70167, 71927–9, 71944–55, 71958–9, 71985–6, 72002–35, 72045–6, 72061–2, 72069–77, 72147, 72170–1, 72179–86, 72205–12, 73311, 75945, 75952–3, 76158, 76168–71, 76244, 76269, 78650, 78690

Magnetic recording; Minneapolis, MN, USA, 13-15 Sept. 1993, [March 1994] 69305 (introductory abstract), 72128–45, 72155–7, 72192–5, 72497, 75796

Magnetics conference; Stockholm, Sweden, 13-16 April 1993, [Nov. 1993] 48969–70, 49012, 49021–2, 49025–8, 49133, 49433, 49521, 49626–7, 49688–90, 50174–7, 50180–230, 50232–6, 50240–50, 50253–78, 50281–334, 50338–61, 50363–73, 50376, 50378–83, 50388, 50390, 50524, 50601–4, 50606–12, 50673, 50938, 51044–7, 51080, 51177, 51341–2, 52726, 52743, 52792–801, 52814, 53014, 53021–30, 53039, 53058, 53080, 53390, 53454, 54010–3, 54050–1, 54068–9, 54135, 55368, 55387, 56200–3, 56213–4, 56218–9, 56234–6, 56242–3, 56280, 57125, 58949, 58954, 60275–6

Magnetism and magnetic materials; Minneapolis, MN, USA, 15-18 Nov. 1993, *(IEEE; AIP; Miner. Metals & Mater. Soc.; et al)* [15 May 1994] 54312 (introductory abstract), 61374, 61439–40, 61967, 63129, 63170–86, 63196–204, 63211–3, 63218–39, 63256, 63262, 64053, 64095, 64118, 64163, 66274, 66660, 66667, 66804, 68532, 68617–8, 68643, 71930–40, 71974–82, 71989–97, 72058–60, 72063–5, 72106–19, 72123–4, 72169, 72173–4, 72177, 72254, 72283, 72491–2, 72495–6, 73224, 73388, 75937, 75946, 76159–64, 77157, 78603

Management consultancy; London, UK, 13 June 1994, [London, UK: IEE 1994] 69386 (introductory abstract), 69490–3

Management of change; London, UK, 2 March 1994, *(IEE)* [London, UK: IEE 1994] 48540 (introductory abstract), 48613–24

Management of data; Minneapolis, MN, USA, 24-27 May 1994, *(ACM)* [June 1994] 65189–90, 65342–5

Managing projects in a borderless world; New Delhi, India, 17-18 Dec. 1993, *(ABB; ABL; Allen Bradley; BHEL; BPL; Birla Kent-Taylor; CEA; CEGELEC India; Caden Corp.; CMC; Chloro Control; OECF; Dulmison, Thailand; ESPL; GEC Alsthom; Marubeni; Mitsubishi; NTPC; Siemens; Mather & Platt; NRDC; Powergrid; TCS; Vijay Fire; Worthington; Vysya Bank)* [New York, NY, USA: IEEE 1993] 60742 (introductory abstract), 60867, 60869, 60908, 61006, 69399–400, 69447–58, 69494–6, 69512–5, 69588, 69626, 74772, 74919, 75828, 78356

Managing worldwide measurements; Washington, DC, USA, 2-6 Aug. 1992, [Boulder, CO, USA: Nat. Conference Stand. Lab. 1992] 97758 (introductory abstract)

Mass storage systems; Monterey, CA, USA, 26-29 April 1993, *(IEEE)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 52126–7, 72126–7, 74818, 74980–2, 75760

Massively parallel processing using optical interconnections; Cancun, Mexico, 26-27 April 1994, *(IEEE; ACM; AFOSR)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 50519, 50622–40, 50700–6, 51786, 51822, 52549–50

Materials aspects of X-ray lithography; San Francisco, CA, USA, 12-14 April 1993, *G.K.Celler, J.R.Maldonado (editor/s),* [Pittsburgh, PA, USA: Mater. Res. Sco. 1993] 90721 (introductory abstract)

Materials for infrared detectors; San Diego, CA, USA, 15-16 July 1993, *(SPIE)* [1993] 60694 (introductory abstract), 61221, 61252–60, 62161–2, 62339, 66325–31

Materials into the 21st Century; Cape Town, South Africa, 6-8 Oct. 1993, [15 Aug. 1994] 70159

Mathematical methods in medical imaging II; San Diego, CA, USA, 15-16 July 1993, *(SPIE)* [1993] 48516 (introductory abstract)

Mathematical morphology and its applications to signal processing; Barcelona, Spain, 10-14 May 1993, *(EURASIP)* [July 1994] 60763 (introductory abstract), 73980–4, 74335–40

Mathematics and control in smart structures; Oralndo, FL, USA, 14-16 Feb. 1994, *(SPIE; Soc. Exp. Mech.; American Soc. Mech. Eng.; Mater. Res. Soc.; et al)* [1994] 90733 (introductory abstract), 91348, 91406, 93749–50, 93782–8, 93872–3, 94781, 94794–6

Measurement technology and intelligent instruments; Wuhan, China, 29 Oct.-5 Nov. 1993, *(SPIE)* [1993] 54547, 54998, 55019, 56217, 56233, 56301, 58493, 58614, 58629, 58805, 58822, 58835, 58966–71, 58973–7, 59002, 59004

Medical informatics (MIE '93); Jerusalem, Israel, 18-22 April 1993, [June 1994] 76934–5, 76993–5

Mesoscopic structures; Nara, Japan, 6-8 Nov. 1991, *S.Namba, C.Hamaguchi, T.Ando (editor/s),* [Tokyo, Japan: Springer-Verlag 1992] 69311 (introductory abstract), 70063, 70164, 70457, 71093, 71184–93, 71271, 71546–7, 71591, 71744, 72246, 72925, 73125–6

Metal-hydrogen systems; Uppsala, Sweden, 8-12 June 1992, [1994] 76742, 78795–8, 79002, 89745

Metal matrix composites, design and innovation; London, UK, 6-7 Dec. 1993, [June 1994] 79987

Metrology a worldwide language; Albuquerque, NM, USA, 18-22 Aug. 1991, [Boulder, CO, USA: Nat. Conference Stand. Lab. 1991] 60766 (introductory abstract)

Micro electro mechanical systems; Fort Lauderdale, FL, USA, 7-10 Feb. 1993, *(IEEE; ASME)* [New York, NY, USA: IEEE 1993] 54317 (introductory abstract), 54975, 55025–6, 55454, 55500–1, 55783–7, 55822, 55832,

55843−4, 55977, 56169, 56193, 56363, 56404, 56413, 56503, 57058, 57061−2, 58727, 58741−5, 59260, 59380, 59396, 60261−4, 60268−74, 60408

Microdosimetry; Gatlingburg, TN, USA, 13-18 Sept. 1992, [1994] 53340

Microelectronic processes, sensors, and controls; Monterey, CA, USA, 27-29 Sept. 1993, *(SPIE)* [1994] 60676 (introductory abstract), 60910−2, 61342−3, 62227, 62344−8, 62396, 62416−32, 62501, 62587−90, 62969−71, 63012, 63027−8

Microelectronic test structures; Sitges, Spain, 22-25 March 1993, *(IEEE)* [New York, NY, USA: IEEE 1992] 54324 (introductory abstract), 49176, 49193, 49365, 49439−41, 49656, 49924, 49975, 50030−3, 50068−70, 50078, 50093−6, 50100−3, 55173, 55194, 55262−4, 55614, 55670, 55684, 55764, 55837−8, 55849, 55883, 55907, 55957−9, 56011, 56055−6, 56072−4, 56082−3, 60919−21, 61628, 61684−7, 62506−9, 62686, 62751−62, 62862, 62923−7, 62975−80, 63029−30, 66232, 66665−6

Microengineering in instrumentation; London, UK, 16 Nov. 1993, *(IEE)* [London, UK: IEE 1993] 90777 (introductory abstract)

Microlens arrays; Teddington, UK, 12-14 May 1993, [March 1994] 48560 (introductory abstract)

Microprocessor based protection systems; London, UK, 8 Dec. 1993, *(Safety & Reliability Soc.; Instn. Plant Eng.; British Comput. Soc.; et al) R.Faller (editor/s),* [London, UK: Inst. Measurement & Control 1993] 87006 (introductory abstract)

Microscopy, holography, and interferometry in biomedicine; Budapest, Hungary, 1-3 Sept. 1993, *(SPIE; BiOSIS; EOS)* [1994] 90723 (introductory abstract)

Microscopy of semiconducting materials; Oxford, UK, 5-8 April 1993, *(GEC Marconi Mater. Technol.; Office of US Naval Res.; Sharp Lab. Eur.; Royal Soc)* [Bristol, UK: IOP 1993] 79823−38, 79940, 80335, 81198−200, 81234−5, 81304−21, 81352−7, 81379−81, 81407−10, 81444−50, 81520−1, 81740−1, 81794, 81913, 81964−5, 82075, 82657, 83124−5

Microwave and millimeter-wave monolithic circuits; San Diego, CA, USA, 22-25 May 1994, *(IEEE Microwave Theory & Techniques Soc.; IEEE Electron Devices Soc) L.Liu (editor/s),* [New York, NY, USA: IEEE 1993] 79117 (introductory abstract), 79288, 80610, 80627, 80690, 80700, 80779−95, 80810−32, 81417, 81843−4, 82052, 83870, 86221−5, 86298, 86457

Microwave filters and antennes for personal communications; London, UK, 22 Feb. 1994, *(IEE)* [London, UK: IEE 1994] 48567 (introductory abstract)

Microwave measurements; London, UK, 16 Feb. 1994, *(IEE)* [London, UK: IEE 1994] 48537 (introductory abstract), 49669, 53007, 53012, 53015, 53041−3, 53575

Microwave optoelectronics; London, UK, 27 Jan. 1994, *(IEE)* [London, UK: IEE 1994] 48570 (introductory abstract), 49643, 50586, 50865, 51270, 52606−8, 52643, 52783

Microwave superconductors and applications; Los Angeles, CA, USA, 26-27 Jan. 1994, *(SPIE)* [1994] 79073 (introductory abstract), 90983, 92439, 92489−94, 92549−50, 93931−4, 93976, 94034−5, 95029, 97195, 97217, 98254, 98286−7, 99387−8

Microwave symposium; San Diego, CA, USA, 23-27 May 1994, *H.J.Kuno, C.P.Wen (editor/s),* [New York, NY, USA: IEEE 1994] 79115 (introductory abstract), 79294, 79436−7, 80070, 80153, 80159−60, 80181, 80198−9, 80561−4, 80567−9, 80596−609, 80615, 80620−6, 80628−40, 80648−60, 80684−9, 80692−5, 80698−9, 80704−23, 80761−78, 80797−805, 80808−9, 80833−71, 81109, 81150, 81838−9, 81933, 81972−5, 81986−90, 82056, 82229, 82294−5, 82726−8, 82754, 82827, 82877−8, 83138−42, 83456−7, 83642−3, 83724, 83737−9, 83741, 83743, 83784−9, 83795−801, 83852−4, 83872−3, 83878−9, 86068−9, 86074, 86195, 86238−41, 86280, 86304, 86311, 86453−6, 86466−7, 86487, 86500−7, 86596−7, 86645, 86765, 87010, 87042, 87168, 87204, 87313, 87416, 87483−90, 87495, 87497, 88544−5, 88818, 88915, 88920−1, 88928, 90618, 91769−70, 91952, 92343, 92461−2, 92472−82, 92486, 92507, 92509−10, 92522−34, 92538−42, 92571−600, 92603−12, 93331−4, 93501, 93675, 93835−6, 93853, 94888−9, 94911−9, 94923−5, 95016−8, 96968−9, 96978, 97073−9, 97093, 97171, 97243−4, 97270−2, 97404−6, 97514, 97898−900, 98129, 98284, 98806, 98941−3

Microwave technology and applications; Sao Paulo, Brazil, 2-5 Aug. 1993, *(BANESPA; CAPES; CNPq; CRAAE; FAPESP; FINEP; IEE; IEEE Antennas & Propagation Soc.; IEEE Microwave Theory & Tech. Soc.; IEEE Secao Sul-Brasil; IMT/EEM; INPE; ITA; LME/EPUSP; SCT; CPqD/TELEBRAS; British Council; VARIG)* [Sao Paulo, Brazil: Soc. Brasileira de Microondas e Optoeletron. 1993] 69318 (introductory abstract), 79169−70, 79438, 80150, 80157−8, 80419−20, 80519, 80559, 80565, 80570−1, 80588, 80611−4, 80641−4, 80691, 80701−3, 80724−6, 80757−8, 80796, 80872−6, 81148, 81765, 81966, 81991−2, 82585, 82602, 82669, 82771, 82879, 82895, 83036−7, 83460−1, 83639, 83644−5, 83694, 83740, 83781, 83790−1, 83803, 83819, 83832, 83851, 83855−7, 83880, 86053−4, 86070, 86075, 86165, 86196, 86242−4, 86275, 86429−30, 86509−10, 86578, 86582−5, 86595, 86598, 86629, 86641−2, 87170, 87491, 87612, 88424, 88787, 88876, 90660, 90667, 90703, 93498

Millimeter and submillimeter waves and applications; San Diego, CA, USA, 10-14 Jan. 1994, *(SPIE)* [1994] 79106 (introductory abstract)

Miniature and micro-optics and micromechanics; San Diego, CA, USA, 14-15 July 1993, *(SPIE)* [1993] 48523 (introductory abstract)

Mixed mode modelling and simulation; London, UK, 3 Nov. 1994, *(IEE)* [London, UK: IEE 1994] 91853 (introductory abstract)

Mobile communication; Neu-Ulm, Germany, Sept. 1993, [1994] 48529 (introductory abstract), 52249, 52320, 52374−81, 65681−97, 65741−2, 66015, 73324, 74893, 75220−34, 77081−2

Mobile robots; Boston, MA, USA, 9-10 Sept. 1993, *(SPIE)* [1994] 73185, 75866

Mobile robots VII; Boston, MA, USA, 18-20 Nov. 1992, *(SPIE)* [1993] 67631

Mode-locked and solid state lasers, amplifiers and applications; Quebec, Que., Canada, 17-19 Aug. 1993, *(SPIE)* [1994] 54276 (introductory abstract), 56649−55, 56679−83, 56691−4, 56772, 56823−4, 56826, 56829−31, 56843, 56846, 56850−3, 56888, 57026

Modeling and simulation of laser systems; Los Angeles, CA, USA, 24-25 Jan. 1994, *(SPIE)* [1994] 79089 (introductory abstract), 82921, 82935−7, 83025, 83176, 83214−6, 83224, 83330, 83414

Modelling and simulation; Vancouver, BC, Canada, 21-23 July 1993, *(IASTED; Int. Soc. Mini & Microcomput)* [Anaheim, CA, USA: IASTED 1993] 79463, 85305, 85437, 87530, 88950−2, 88954, 89569, 90103

Modelling, design and applications of MMIC's; London, UK, 17 June 1994, *(IEE)* [London, UK: IEE 1994] 90787 (introductory abstract)

Molecular-beam epitaxy; Stanford, CA, USA, 13-15 Sept. 1993, [March-April 1994] 48542 (introductory abstract), 54832−61, 54879−88, 54912−4, 54951, 54968, 55557, 55561, 55570, 55595−603, 55618−22, 55634, 55648, 55655, 55725−9, 55741, 56024, 56425, 56524, 56543, 56569, 56751, 56770−1, 60471

Molecular electronic devices; London, UK, 6 April 1994, *(IEE)* [London, UK: IEE 1994] 90780 (introductory abstract)

Molecular electronics; Padua, Italy, 24-28 Aug. 1992, [1993] 48557 (introductory abstract), 54996, 55493−7, 55578, 55676, 56297, 56430, 56438, 56523, 56570−1, 56903−5, 56923, 58866−7, 60487

Motion of non-rigid and articulated objects; Austin, TX, USA, 11-12 Nov. 1994, *(IEEE Comput. Soc. Tech. Committee on PAMI)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 90757 (introductory abstract), 96063−77, 98882

Moving and flexing microstructures; London, UK, 15 March 1994, *(IEE)* [London, UK: IEE 1994] 90781 (introductory abstract)

Multi-chip module; Santa Cruz, CA, USA, 15-17 March 1994, *(IEEE)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 48669−90, 49112, 49115, 49201, 49468, 49733, 50699, 51911

Multi-chip module conference; Santa Cruz, CA, USA, 15-18 March 1993, *(IEEE)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 54318 (introductory abstract), 54483, 54506−32, 55052−3, 55096, 55099−100, 55502, 56588

Multilayer and grazing incidence X-ray/EUV optics; San Diego, CA, USA, 14-16 July 1993, *(SPIE)* [1994] 48525 (introductory abstract)

Multimedia; Monterey, CA, USA, 1-4 April 1992, [July 1992] 48572 (introductory abstract)

Multimedia communication systems; London, UK, 4 March 1994, *(IEE)* [London, UK: IEE 1994] 48513 (introductory abstract), 52037, 52106, 52207−11, 52238

Multimedia computing and systems; Boston, MA, USA, 15-19 May 1994, *(IEEE Comput. Soc. Task Force on Multimedia Comput)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 54286 (introductory abstract), 57408−9, 57913, 57996−7, 58042−52, 58079, 58092−3, 58097, 58200−4, 58238−40

Multimedia information systems; Tempe, AZ, USA, 7 Feb. 1992, *(Arizona State Univ.; Syracuse Univ.; Univ. Kentucky)* [Tempe, AZ, USA: Arizona State Univ. 1992] 65304, 65458, 66035, 66075

Multiple-valued logic; Sacramento, CA, USA, 24-27 May 1993, *(IEEE; Univ. California, Davis)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 55188 (introductory abstract), 49250−64, 49728, 49938, 49955, 50084, 55223−34, 55242−53, 55851, 55895, 56595, 57407

Muon spin rotation/relaxation/resonance; Maui, HI, USA, 31 May-11 June 1993, [1994] 76396−401, 76776, 76851−2

MV polymeric cables; London, UK, 11 May 1994, *(IEE)* [London, UK: IEE 1994] 54353 (introductory abstract), 59955−63

Nanometer-scale methods in x-ray technology; Veldhoven, Netherlands, 11-13 Oct. 1993, *(Comm. Eur. Communities; Found. Physica; Newport B.V.; et al)* [Sept. 1994] 82667, 87892

National aerospace and electronics conference. vol.1; Dayton, OH, USA, 24-28 May 1993, *(IEEE)* [New York, NY, USA: IEEE 1993] 48508 (introductory abstract), 54300, 54404, 54450, 54496−7, 54503, 55115, 55121, 55164, 55185−6, 55195, 55334−5, 55357, 55467, 55521, 56482−5, 57215, 57424−5, 57462−9, 57519−21, 57657, 57727−31, 58325, 58351, 58387, 58392, 58448−55, 58497−8, 58511, 58633−4, 58677, 58704, 58838−41, 58957, 59432−4, 59439, 59443−6, 59450−3, 59462−76, 59492−505, 59512, 59622−5, 59629, 59632−9, 59641−2, 59644−6, 59648−50, 59655−66, 60295, 60554

Natural language processing applications; Trento, Italy, 31 March-3 April 1992, [Morristown, NJ, USA: Assoc. Comput. Linguistics 1992] 51409, 51422−3, 53475

NEPCON East 93; Boston, MA, USA, 14-17 June 1993, [Des Plaines, IL, USA: Reed Exhibition Companies 1993] 79116 (introductory abstract), 79255, 79307, 79360−1, 79372−5, 79391−9, 79467−8, 79487−8, 80911, 80982−4, 81009−24, 81033−43, 81072−9, 81098−9, 88938

NEPCON West 93; Anaheim, CA, USA, 7-11 Feb. 1993, [Des Plaines, IL, USA: Reed Exhibition Companies 1993] 79145 (introductory abstract), 79386−90, 79478−9, 80988−9, 81050−71, 81082−3, 87020−5, 90850−3, 90917−8, 90925−6, 90943, 90953−5, 90967−81, 90985−8, 90996−9, 91068−70, 91096−100, 91104−6, 91112−3, 91121−3, 91149, 91158, 91647, 91652, 92677, 92690−1, 92701, 92714−49, 92760−6, 92777−88, 92797−815, 92836, 92838, 92843, 92853, 97094, 97806−7, 97816, 99869

Network operations and management symposium. vol.1; Kissimmee, FL, USA, 14-18 Feb. 1994, *(IEEE)* [New York, NY, USA: IEEE 1994] 48510 (introductory abstract), 51941−2, 51975−2021, 52033−4, 52250−5, 54402, 58060−71, 59628

Network protocols; Boston, MA, USA, 25-28 Oct. 1994, *(IEEE Comput. Soc. Tech. Committee on Distributed Process)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 90772 (introductory abstract)

Networks for personal communications; Long Branch, NJ, USA, 16-18 March 1994, *(New Jersey Coast Sect. IEEE)* [New York, NY, USA: IEEE 1994] 69345 (introductory abstract), 85537, 85586−93, 85763, 86169−77, 88908

Neural nets; San Francisco, CA, USA, 7-10 Nov. 1993, *(SCS; NASA)* [San Diego, CA, USA: SCS 1993] 80539−41, 84010, 84559−60, 85094, 85400, 85810−1, 88645−6, 90021

Neural networks; San Francisco, CA, USA, 28 March-1 April 1993, *(IEEE)* [New York, NY, USA: IEEE 1993] 54721, 54787, 55092, 55362−3, 57880−1, 61116, 61149, 61622, 61667, 61820, 61826, 61839−41, 61848−9, 61853−5, 62474, 63513−4, 64375−9, 64471−2, 64530−4, 64610, 64750−2, 64803−10, 64839−41, 64901, 64971, 65088, 65565, 65572, 65620, 65937, 66126, 66484, 66702, 67455, 67507−8, 67591, 68346, 68578

Neuro-Nimes '93, neural nets and applications; Nimes, France, 25-29 Oct. 1993, *(AFIA; ARC; IFIP; JSAI & SEE; EERIE; et al)* [Nanterre, France: EC2 1993] 79673, 83973−4, 89171−2

Nondestructive inspection of aging aircraft; San Diego, CA, USA, 14-15 July 1993, *(SPIE)* [1993] 48517 (introductory abstract)

Nonlinear dynamics in lasers and optical systems; Moscow-Nizhny Novgorod, Russia, 27 June-4 July 1993, *(SPIE)* [1994] 90747 (introductory abstract), 94358−60, 94420−1, 94522, 94555−6, 94579, 94626−34

Nonlinear filters; London, UK, 18 May 1994, *(IEE)* [London, UK: IEE 1994] 90785 (introductory abstract)

Nonlinear image processing; San Jose, CA, USA, 7-9 Feb. 1994, *(SPIE)* [1994] 54290 (introductory abstract), 61844, 64415−7, 64620−44, 65934, 67476

Nonlinear optical properties; San Diego, CA, USA, 13-16 July 1993, *(SPIE)* [1993] 56415

Nonvolatile memory technology review; Linthicum Heights, MD, USA, 22-24 June 1993, *(IEEE)* [New York, NY, USA: IEEE 1993] 54325 (introductory abstract)

NPL'92; Obninsk, Russia, 26-29 May 1992, [1994] 82911−2

NSS/MIC '92; Orlando, FL, USA, 25-31 Oct. 1992, *(IEEE; Argonne Nat. Lab.; Brookhaven Nat. Lab.; United States Dept. Energy; et al)* [New York, NY, USA: IEEE 1992] 79082 (introductory abstract), 53408−16, 55525−7, 55872, 55911, 56537−8, 56541−2, 57570, 57723, 58649, 58992, 59018−9, 59062−92, 59104−40, 59177−204, 59211, 59224−5, 59286−338, 59361−4, 59375−9, 59409, 59586, 59991, 60308−14, 60916, 61581, 61775−7, 62878, 62952, 62992, 66147, 66159, 67294−6, 67299, 67371−85, 68285, 68363, 68395−7, 68522, 68761, 70305, 70448, 70664−5, 70797, 71724, 71769, 71780, 71809−10, 72578, 74341−5, 74734, 75518, 76287,

76394, 76760−71, 76825−9, 76836−9, 76850, 76862, 76919−21, 76979, 77102, 80085, 80143, 80204, 81157, 85621, 86995, 87961−75, 88217−9, 88267−70, 88535, 89201, 89369, 90321, 90478

Nuclear and space radiation effects; Snowbird, UT, USA, 19-23 July 1993, *(IEEE)* [Dec. 1993] 48548 (introductory abstract)

Nuclear reactor thermal-hydraulics; Grenoble, France, 5-8 Oct. 1993, [Sept. 1994] 90736 (introductory abstract), 88702, 89510−26, 99848, 99864, 99874−8

Nuclear science and medical imaging; San Francisco, CA, USA, 30 Oct.-6 Nov. 1993, [Aug. 1994] 90719 (introductory abstract), 80145, 80507, 81158−9, 81187−8, 81951, 82066, 82818−9, 86349, 87032−3, 87055, 87771−2, 88053−69, 88097−127, 88185, 88209−10, 88223−41, 88246−51, 88262, 88313−20, 88324−30, 88335, 88407−15, 88430−40, 88583−5, 88840−1, 89442, 89483−4, 89761, 92910, 92932, 93447, 93671−2, 94270−1, 95490, 95520, 97818, 98100, 98434, 98488, 98556−92, 98598−635, 98651, 98663−87, 98690−704, 98709, 98723−33, 98816−51, 98869−70, 98902, 99020−2, 99024, 99150−3, 99303, 99702, 99849−58, 99879−94, 100066, 100313, 100346−9

Nuclear spectroscopy and nuclear structure; Dubna, Russia, April 1993, [1994] 63567

Nuclear structure physics today; Changli, Taiwan, 11-15 May 1993, [28 March 1994] 53108

Nuclear tracks in solids; Beijing, China, 7-11 Sept. 1992, *(Int. Center Theoretical Phys.; Third World Acad. Sci.; et al)* [1993] 79110 (introductory abstract), 86837, 87736, 87976−80, 88074−81, 88160−83, 88186−206, 88576−80, 88838

Object orientation in operating systems; Asheville, NC, USA, 9-10 Dec. 1993, *(IEEE Comput. Soc.; IEEE Comput. Soc. Tech. Committee on Oper. Syst. & Application Environ)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 74721

Object oriented languages and systems; Dortmund, Germany, 30 March-2 April 1992, [Hemel Hempstead, UK: Prentice Hall 1992] 95752, 96533, 96635, 97186

Object-oriented programming systems; Washington, DC, USA, 26 Sept.-1 Oct. 1993, *(ACM)* [April 1994] 85679−80

OCEANS '93; Victoria, BC, Canada, 18-21 Oct. 1993, *(Oceanic Eng. Soc. IEEE and its Victoria Chapter; B.C. Trade Dev. Corp)* [New York, NY, USA: IEEE 1993] 69355 (introductory abstract), 75642, 77318, 77329−41, 77413, 77532−42, 77545−66, 77765, 83864, 83909, 86605−10, 88819−33, 89326, 92271, 94567, 94845, 95420, 95452−5, 95491, 95763, 96585−6, 96956−8, 97279, 97366−8, 97437−8, 97446−51, 97453−6, 97459−63, 97490−1, 97810, 99131−7, 99139−47, 99168−70, 99217−54, 99256−81, 99301, 99370, 99392, 99399−401, 99408, 100879−82, 100977

Online information; Rotterdam, Netherlands, 10-11 March 1992, [The Hague, Netherlands: Nederlands Bibliotheek en Lektuur Centrum 1992] 96560, 96814

Optical fiber communication and integrated optics; San Jose, CA, USA, 21-26 Feb. 1993, *(IEEE; Opt. Soc. America)* [Washington, DC, USA: Opt. Soc. America 1993] 48533 (introductory abstract)

Optical fibers in medicine; Los Angeles, CA, USA, 19-20 Jan. 1993, *(SPIE)* [1993] 60690 (introductory abstract)

Optical/laser microlithography VII; San Jose, CA, USA, 2-4 March 1994, *(SPIE)* [1994] 69361 (introductory abstract), 69544, 71423−5, 71455−536, 71754−5, 71793, 71823

Optical methods of biomedical diagnostics and therapy; Saratov, Russia, 1-3 July 1992, *(SPIE; Saratove Sci. Res. Inst. Volga; Russian Acad. Sci)* [1993] 60691 (introductory abstract)

Optical storage (ISOS '92); Kumming, China, 15-20 Oct. 1992, *(SPIE)* [1993] 69326 (introductory abstract)

Optics as a key to high technology; Budapest, Hungary, 9-13 Aug. 1993, *(SPIE)* [1993] 48544 (introductory abstract)

Optoelectronic interconnects II; Los Angeles, CA, USA, 26-27 Jan. 1994, *(SPIE)* [1994] 69349 (introductory abstract), 79377−9, 79512, 82664−5, 82699, 82759, 82786−8, 82849−73, 83148, 86469−70, 88681, 88905

Orbit correction and analysis in circular accelerators; Upton, NY, USA, 1-3 Dec. 1993, *(Alternating Gradient Synchrotron; Nat. Synchrotron Light Source Dept. BNL)* [1994] 79104 (introductory abstract), 98396−416

Organic materials for electronics; Wako, Japan, 22-23 Oct. 1992, [1993] 48554 (introductory abstract), 55445, 55779, 55839, 56015, 56295−6, 56312, 56559, 58897

Organic materials for electronics and photonics; Taejon, South Korea, 7-8 Sept. 1993, [1994] 69344 (introductory abstract)

Organic thin films; Seoul, South Korea, 23-24 Oct. 1991, [1993] 48553 (introductory abstract), 54994, 55444, 55963, 56311, 56545

Organized molecular films; Trois-Riveries, Que., Canada, 4-9 July 1993, [15 April 1994] 49729−30, 49929, 49992, 61323, 62336, 62599, 62867, 63431, 63457, 63570, 63588, 63944, 66578−80

Organometallic vapor phase epitaxy; Palm Springs, CA, USA, 21-25 March 1993, [Feb. 1994] 48551 (introductory abstract)

OSF distributed computing environment; Karlsruhe, Germany, 7-8 Oct. 1993, [Berlin, Germany: Springer-Verlag 1993] 85800−3

Oversampling techniques and sigma-delta modulation; London, UK, 30 March 1994, *(IEE)* [London, UK: IEE 1994] 48586 (introductory abstract), 49509−16, 52655, 52838

Overvoltages and insulation coordination; New Delhi, India, 1-2 Sept. 1993, [New Delhi, India: CIGRE Study Committee 1993] 54298 (introductory abstract), 53594, 53766, 53770−86, 53816−30

Oxide superconductor physics and nano-engineering; Los Angeles, CA, USA, 26-28 Aug. 1994, *(SPIE)* [1994] 90707 (introductory abstract)

Pacific Basin nuclear conference; Sydney, NSW, Australia, 1-6 May 1994, *(Instn. Eng. Australia; Pacific Nucl. Council)* [1994] 89455 (introductory abstract), 87636−7, 87640, 89456−7, 89532−7

Pacific graphics; Seoul, South Korea, 30 Aug.-2 Sept. 1993, [Oct.-Dec. 1994] 97739

Pacific rim fault tolerant computing; Melbourne, Vic., Australia, 16-17 Dec. 1993, [Jan. 1994] 55181−2, 56049

PACS, Japan-Nordic symposium; Osaka, Japan, 5-7 Oct. 1992, [May 1994] 64705, 65418, 66016, 67479−81, 67660

PALplus; London, UK, 12 April 1994, *(IEE)* [London, UK: IEE 1994] 54328 (introductory abstract), 58546−8, 58563, 58571−2, 58604

Parallel algorithms and architectures; San Diego, CA, USA, 29 June-1 July 1992, *(ACM; EATCS)* [New York, NY, USA: ACM 1992] 61453, 61765, 63519, 64838, 64968−70

Parallel and distributed computing/systems; Washington, DC, USA, 8-11 Oct. 1991, *(ISMM; IASTED)* [Anaheim, CA, USA: Acta Press 1991] 49560, 49595, 50085, 50089, 51410, 51639−41, 51838, 52464, 53691, 54046

Parallel and distributed information systems; Austin, TX, USA, 28-30 Sept. 1994, *(IEEE Comput. Soc. Tech. Committee on Data Eng.; ACM SIGMOD; Bellcore; US West)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 85538, 85776, 85804, 86000

Parallel and distributed processing; Dallas, TX, USA, 26-29 Oct. 1994, *(IEEE Comput. Soc. Tech. Committee on Comput. Archit.; IEEE Comput. Soc. Tech. Committee on Distrib. Process.; IEEE Comput. Soc. Dallas Sect)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 91329, 91802, 96248, 96723, 97589, 99585

Parallel and distributed real-time systems; Cancun, Mexico, 28-29 April 1994, *(IEEE Comput. Soc. Tech. Committee on Real-Time Syst.; IEEE Comput. Soc. Tech. Committee on Parallel Process)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 93561, 96164, 96249−50, 96731

Parallel and Distributed Simulation; Edinburgh, UK, 6-8 July 1994, *(ACM SIGSIM; SCSI; IEEE Comput. Soc)* [San Diego, CA, USA: SCS 1994] 70237−40, 74960, 75270

Parallel architectures for image processing; London, UK, 26 May 1994, *(IEE)* [London, UK: IEE 1994] 60709 (introductory abstract), 61750−1, 64756−9, 66156−8

Parallel computing and transputers; Brisbane, Qld., Australia, 3-4 Nov. 1993, [Amsterdam, Netherlands: IOS Press 1994] 69906, 73947, 74260−3

Parallel processing; Cancun, Mexico, 26-29 April 1994, *(IEEE; ACM)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 55039−40, 56050, 57943, 57972−3, 58109−11, 95458, 95764−5, 97280

Parallelization techniques for uniform algorithms; Wadern, Germany, June 1993, [Sept. 1994] 95602

Partial discharges; Canterbury, UK, 28-30 Sept. 1993, *(IEE)* [London, UK: IEE 1993] 90788 (introductory abstract)

Partial discharges in gas insulated substations; London, UK, 12 April 1994, *(IEE)* [London, UK: IEE 1994] 48587 (introductory abstract), 54125, 54128−34

Particle accelerator. vol.1; Washington, DC, USA, 17-20 May 1993, *(IEEE Nucl. & Plasma Sci. Soc.; APS Div. Phys. Beams) S.T.Corneliussen (editor/s)*, [New York, NY, USA: IEEE 1993] 54320 (introductory abstract), 60945, 61884, 62098, 66788−803, 66805−8, 66810, 66812−6, 66818−22, 66843−7035, 67039−84, 67086−111, 67114, 67118−26, 67128−32, 67134−61, 67163−4, 67169, 67173−7, 67269−70, 67367−8, 67391−2, 68742, 68744, 70309, 70867, 71022−30, 71032, 71035−7, 71042−6, 71054, 72176, 72713, 72715, 72750−1, 72936, 72996, 73240, 74864, 75009−11, 76219, 76293−327, 76329−43, 76352−86, 76402−25, 76427−562, 76577−718, 76721−36, 76738−40, 76743−50, 76784, 76834−5, 76840−8, 76857, 76867, 77048−9, 77052−4, 78717, 78729−30, 81123, 83184, 87038, 87621−30, 87638, 87641−2, 87645−57, 87692−735, 87800−53, 87863−90, 87895−934, 87948−51

Particle accelerators. vol.2; Washington, DC, USA, 17-20 May 1993, *(IEEE Nucl. & Plasma Sci. Soc.; APS Div. Phys. Beams)* [New York, NY, USA: IEEE 1993] 62096−7, 62099, 62120, 63095, 63254−5, 63259−60, 63332, 63867−89, 64099, 64115, 66809, 66811, 66817, 66823−35, 66837−8, 67085, 67112−3, 67115−7, 67127, 67133, 67162, 67165−8, 67170−2, 67178−220, 67222−45, 67274−5, 67369, 67406−7, 67509, 68677−8, 68743, 68745−56, 68845−7

Particles and fields; Rydzyna Castle, Poland, 28 April-1 May 1992, *(Komitet Badeb Naukowych; Bundesminist. Forschung Technol)* [Singapore: World Scientific 1994] 59173−4

Passive materials for optical elements; San Diego, CA, USA, 14-15 July 1993, *(SPIE)* [1993] 60714 (introductory abstract), 63333−4, 63337−40, 63465, 63537−9, 64014

Petroleum and chemical industry; Vancouver, BC, Canada, 12-14 Sept. 1994, [New York, NY, USA: IEEE 1994] 90770 (introductory abstract)

Petroleum and chemical industry conference; St. Louis, MO, USA, 13-15 Sept. 1993, *(IEEE)* [New York, NY, USA: IEEE 1993] 60725 (introductory abstract), 54348, 54429−30, 54570, 55452, 59708, 59875, 59934, 59993−5, 60026, 60167−75, 60231−2, 60290, 60424, 60532, 60634, 60645−50

Photo-excited processes and applications; Sendai, Japan, 13-15 Oct. 1993, *(Japan Soc. Appl. Phys.; Minist. Educ. Sci. & Culture, Japan)* [May 1994] 69961−70, 70123−4, 70134, 71329−31, 71412, 73163, 73183

Photodynamic therapy of cancer; Budapest, Hungary, 1-4 Sept. 1993, *(SPIE; BIOSIS; EOS)* [1994] 60674 (introductory abstract)

Photoelectronic detection and imaging: technology and applications '93; Beijing, China, 17-20 May 1993, *(China Ordnance Soc.; SPIE)* [1993] 79072 (introductory abstract)

Photomask technology and management; Santa Clara, CA, USA, 22-23 Sept. 1993, *(SPIE)* [1994] 60673 (introductory abstract), 60817, 60909, 60980−4, 62555−86, 62916, 66096

Photonics at the air force photonics center; Orlando, FL, USA, 4-5 April 1994, *(SPIE)* [1994] 79137 (introductory abstract)

Photonics for processors, neural networks, and memories; San Diego, CA, USA, 12-15 July 1993, *(SPIE)* [1993] 48518 (introductory abstract), 50595−6, 50598, 50614−5, 50641, 50648−9, 50955, 50965, 51266−7, 51499, 51567−81, 51644−7, 53569, 56305−8, 56314−24, 56475−8, 56486−91, 56578, 57288, 57672−6, 58268

Photonics for space environments; Orlando, FL, USA, 13-14 April 1993, *(SPIE)* [1993] 69327 (introductory abstract), 63414−5, 64036−7, 65820−8, 66408, 67661, 67724−9, 67829

Photopolymers and applications in holography, optical data storage, optical sensors, and interconnects; Quebec, Que., Canada, 16-18 Aug. 1993, *(SPIE; Gov. Canada; Gov. Quebec; et al)* [1994] 54307 (introductory abstract), 56225, 56293−4, 56309, 56325−6, 56355, 56390, 56400, 56407−8, 56426, 56464, 56496−7, 56522, 56912−6, 56999−7002, 57006−19, 58394, 58816, 58902, 63950

Photosensitivity and self-organization in optical fibers and waveguides; Quebec, Que., Canada, 17-18 Aug. 1993, *(SPIE)* [1993] 60734 (introductory abstract), 63344, 63390−405, 63443, 63727, 63967−76, 66390

Photovoltaic generation by commercial customers; London, UK, 24 Oct. 1994, *(IEE)* [London, UK: IEE 1994] 90775 (introductory abstract)

Photovoltaic program review; Denver, CO, USA, 13-15 Oct. 1993, [1994] 79087 (introductory abstract), 79881, 79884, 81193, 81201−2, 81411, 81527, 82174, 89748, 90400−50, 90639

Photovoltaic science and engineering; Nagoya, Japan, 22-26 Nov. 1994, [Sept. 1994] 79126 (introductory abstract), 91414, 91432−3, 91469−70, 91546−9, 91565−6, 91591−4, 92924, 92947, 92972, 92977−8, 93004−5, 93132, 94242−4, 94251−2, 94265, 94283, 99980, 99986, 100013−26, 100045, 100443−68, 100516, 100555−606, 100765, 100895

Photovoltaic specialists conference; Louisville, KY, USA, 10-14 May 1993, [New York, NY, USA: IEEE 1993] 91600−4, 92916, 92926−7, 92943, 92949, 92968, 93006, 93105, 98280, 99099−108, 99117, 99987−100007, 100438, 100469−513, 100517−52, 100607−755, 100782

Physicists in medicine; Anaheim, CA, USA, 24-28 July 1994, [June 1994] 67518−20, 67615−8, 67649−51

Physics and chemistry of molecular and oxide superconductors; Eugene, OR, USA, 27-31 July 1993, *(ONR; NRL; ARPA)* [April 1994] 56284, 58748

Physics of medical imaging; Newport Beach, CA, USA, 13-14 Feb. 1994, *(SPIE)* [1994] 69338 (introductory abstract)

Physiology and function from multidimensional images; Newport Beach, CA, USA, 13-14 Feb. 1994, *(SPIE)* [1994] 69341 (introductory abstract)

Piezo-pyro-ferroelectric materials; Limoges, France, 8-9 June 1993, [July 1994] 79080 (introductory abstract), 79908, 82148, 87186, 90040

Planetary systems: formation evolution and detection; Pasedena, CA, USA, 8-10 Dec. 1992, *(NASA)* [Feb. 1994] 97502−3

Plasma-based ion implantation; Madison, WI, USA, 4-6 Aug. 1993, [March-April 1994] 48541 (introductory abstract), 62384−95, 67261, 68700−1

Plasma physics, transport and chaos; Marseille, France, 5-9 July 1993, [Singapore: World Scientific 1994] 71050, 72935

Plasma processing; Yokohama, Japan, 19-21 Jan. 1994, [July 1994] 79846, 79943−50, 81510−3, 81528−30, 90451, 93160−1, 93900

Plasma science and technology; Calcutta, India, 4-8 Dec. 1990, [Oct.-Dec. 1992] 53145

Polar dielectrics; London, UK, 12-15 April 1992, [1992] 54293 (introductory abstract), 56146−53, 56172−9, 56195, 56392, 59613−5, 60265, 61361, 61416−9, 61688, 61938, 63076−80, 63085, 63100, 63115, 63126, 63932, 66234, 66333−4, 67928, 68660

Polyatomic ion impact on solids and related phenomena; Saint-Malo, France, 6-10 June 1993, *(CNRS; Inst. Nat. Phys. Nucl. & Phys. Particules; Univ. Paris XI Orsay; et al)* [April 1994] 52972, 53136

Polycrystalline semiconductors; Saint Malo, France, 5-10 Sept. 1993, *(Agence Environ. Maitrise de l'Energie; CNRS; et al)* [1994] 69365 (introductory abstract), 79762, 79802, 79874−5, 79914−9, 80881, 81181−5, 81256−60, 81396−8, 81489−92, 81815, 81869−77, 82801, 90381−2, 90387−93

Position, location and navigation; Las Vegas, NV, USA, 11-15 April 1994, *(IEEE Aerosp. & Electron. Syst. Soc)* [New York, NY, USA: IEEE 1994] 60683 (introductory abstract), 60810, 64048, 64842, 65232, 65664, 65724−40, 65862−3, 65892, 65948−6002, 66307, 66407, 67703−15, 67744, 67762, 67938−44, 67954−68

Position sensitive detectors; London, UK, 6-10 Sept. 1993, *(Eur. Phys. Soc.; IOP)* [1 Sept. 1994] 79078 (introductory abstract), 81165, 87192, 87293, 87993−8049, 88083−96, 88184, 88207−8, 88221−2, 88242−5, 88307−12, 88321−3, 88382−4, 88406

Power electronics; Taipei, Taiwan, 20-25 June 1994, *(IEEE Power Electron. Soc.; IEEE Taiwan Sect.; IEEE Taiwan PE/IE Chapter; Chinese Autom. Control Soc)* [New York, NY, USA: IEEE 1994] 90715 (introductory abstract), 91883−8, 91914, 92642, 93317−8, 93347−9, 93364−5, 93445−6, 99109−10, 99552−3, 99640−2, 99668, 100008, 100040−1, 100101−2, 100131−8, 100179, 100262−312, 100756, 100839−50, 100883, 100926−7, 100940

Power electronics and motion control; Bejing, China, 27-30 June 1994, *(China Electrotech. Soc.; Nat. Natural Sci. Found. Soc. et al)* [Beijing, China: Int. Acad. Publishers 1994] 79121 (introductory abstract), 80102−14, 80892, 81328−9, 81801−2, 81847−51, 81927−30, 81977−8, 86711, 89824, 89908−14, 89983−9, 90049, 90085, 90165−81, 90303, 90540−55, 90602−8, 90619, 90661−4, 90690, 91872−3, 91904, 92372, 99097, 99471, 99603−8, 99644−5, 99689, 99691, 99797, 100078−9, 100085−8, 100110−3, 100115−7, 100152, 100154, 100171−2, 100221−35, 100364−86, 100424, 100801−16, 100874−6, 100912, 100932, 100939, 100954

Power electronics and variable speed drives; London, UK, 26-28 Oct. 1994, [London, UK: IEE 1994] 100207, 100945

Power engineering - UPEC '93; Stafford, UK, 21-23 Sept. 1993, *(GEC ALSTHOLM Protection & Control; GEC ALSTHOLM Transmission & Distribution Projects; et al)* [Stafford, UK: Staffordshire Univ. 1993] 90737 (introductory abstract), 93896, 99464−70, 99599−602, 99627, 99637, 99643, 99654−6, 99681−8, 99698, 99768, 99779−80, 99827, 99931, 99948, 99954, 99963, 99972, 100031, 100049−50, 100076−7, 100108−9, 100147−51, 100208, 100361−3, 100405−6, 100422, 100429−30, 100432, 100793, 100906−11, 100938, 100946−9, 100961, 100972

Power engineers for the 21st century; Glasgow, UK, 22 June 1994, [London, UK: IEE 1994] 69380 (introductory abstract), 69381, 69436−7

Power industry computer application conference; Scottsdale, AZ, USA, 4-7 May 1993, *(IEEE)* [New York, NY, USA: IEEE 1993] 53618−53, 53712−7, 53731, 53740−3, 53904, 53957

Power quality, PCIM '93; Irvine, CA, USA, 24-29 Oct. 1993, [Ventura, CA, USA: Intertec Int. 1993] 54302 (introductory abstract), 54354, 54432, 55147, 55457, 58210−1, 58273, 58939, 59710−4, 59876, 59935, 60009−11, 60027−9, 60365−72, 60545−7, 60584, 60616−7, 60620, 60688, 61426, 61506−7, 67973, 68038−40, 68167−71, 68196, 68286−9, 68305, 68321−2, 68410, 68705−8, 68894, 68941−2, 68954−66, 68989, 69129−31

Power semiconductor devices and IC's; Monterey, CA, USA, 18-20 May 1993, *(IEEE; Inst. Electr. Eng. Japan) R.K.Williams, B.J.Baliga (editor/s),* [New York, NY, USA: IEEE 1993] 54316 (introductory abstract), 55120, 55132−3, 55144−6, 55565, 55583, 55691, 55848, 55850, 55878−82, 55887, 55904−6, 55931−8, 55943, 55967−76, 55997−6000, 56030, 56054, 56061, 56067, 56084, 56086, 56553, 58700, 60362, 60582, 60591

Power system control, operation and management. vol.1; Hong Kong, 7-10 Dec. 1993, *(IEE)* [London, UK: IEE 1993] 48566 (introductory abstract), 58627, 59675−8, 59683−98, 59730−51, 59807−33, 59877, 59885−90, 59907−10, 59913, 59916−8, 59923−7, 59938−9, 59947, 59964, 59967, 59977−81, 59985−7, 59996−60002, 60004−5, 60012−3, 60019−23, 60034−5, 60042, 60052−3, 60083−4, 60090−2, 60114, 60116, 60119−20, 60124−5, 60127−8, 60158, 60179−81, 60184, 60209, 60281−2, 60373−6, 60379, 60390, 60398−9, 60469, 60489−90, 60502, 60555−7, 60562−3, 60627

Precision electromagnetic measurements ; Boulder, CO, USA, 27 June-1 July 1994, *(Bureau Int. Poids & Mesures; IEEE Instrum. & Meas. Soc.; URSI; NIST; NRCC; Nat. Conference of Stand. Lab.; Allen Osborne Associates; Andeen-Hagerling, Inc.; Ballantine Lab. Inc.; Clarke-Hess Commun. Res. Corp.; Fluke Corp.; Guildline Instrum. Inc.; Hewlett-Packard Co.; Julie Res. Lab. Inc.; Keithley Instrum. Inc.; Meas. Int. Ltd. Canada; QuadTech Inc.; Quantum Design Inc.; Rotek Instrum. Corp., Tegam Inc.; Tektronix Inc) E.DeWeese, G.Bennett (editor/s),* [New York, NY, USA: IEEE 1994] 69357 (introductory abstract), 79342, 79684, 80097, 80176, 80513, 80580, 80589, 80669, 80888−90, 80942, 81967, 81997, 82361, 82376, 82391, 82497, 82586−7, 82885, 82993, 83099−100, 83126, 83237−8, 83242, 83717, 83824−8, 83845, 86310, 86431−2, 86631, 86633, 86643, 86821−31, 86833−5, 86842−951, 86960−3, 86967−85, 87031, 87034, 87040, 87052, 87057, 87097, 87102−8, 87118−25, 87194, 87252−3, 87350−5, 87402−7, 87411, 87418−9, 87421, 87425−9, 87436−41, 87445, 87461−5, 87467−9, 87471−6, 87481, 87492−4, 87534, 87560−2, 87565, 87579, 87608, 88261, 88661, 88745−6, 88772, 89400, 90076, 90463

Prediction Retrospective Ionospheric Modelling over Europe 238 Cost Prime; Graz, Austria, 10-12 May 1993, [May 1994] 90731 (introductory abstract)

Principles of distributed computing; Vancouver, BC, Canada, 10-12 Aug. 1992, *(ACM; Office of Naval Res.; NSERC; IBM)* [New York, NY, USA: ACM 1992] 96146, 96221−2, 96636−7

Probabilistic safety assessment methodology; Heidelberg, Germany, Aug. 1993, [1994] 79079 (introductory abstract), 79252, 89443−9, 89485−92, 89509

Producibility of materials and devices; Orlando, FL, USA, 6-8 April 1994, *(SPIE)* [1994] 79109 (introductory abstract), 91418−21, 91520−31, 91629−30, 92956−63, 93244, 94274−5, 97802, 98011−2, 98114−5

Pulp and paper industry; Nashville, TN, USA, 20-24 June 1994, *(IEEE Ind. Applications Soc.; Process Ind. Dept.; Pulp & Paper Ind. Committee)* [New York, NY, USA: IEEE 1994] 60745 (introductory abstract), 77876−8, 78128, 78209, 78570−3, 78634−6, 78882−4, 79054−65

Pumping equipment in nuclear industry and thermal power plants; Bombay, India, 24-25 Feb. 1994, *R.D.Kale (editor/s),* [Bombay, India: Bhabha Atomic Res. Centre 1994] 69379 (introductory abstract)

Quantitative particle physics; Cargese, France, 20 July-1 Aug. 1992, [New York, NY, USA: Plenum 1993] 76292

Quantum electronics; Belfast, Ireland, 30 Aug.-2 Sept. 1993, *(IEE; Royal Soc. Chem.; UK Lasers & Electro-optics Trade Association)* [June 1994] 63373, 63666−8, 63735, 63840, 63914, 63940−2, 63983−4

Quantum electronics lasers science; Baltimore, MD, USA, 2-7 May 1993, *(IEEE; Opt. Soc. America; APS; EPS; Japanese Quantum Electron. Joint Group)* [Washington, DC, USA: Opt. Soc. America 1993] 60702 (introductory abstract)

Quantum optics; Szczyrk, Poland, 3-9 Sept. 1993, [July-Aug. 1994] 72493, 73069−70

Quantum well and superlattice physics; Los Angeles, CA, USA, 24-25 Jan. 1994, *(SPIE)* [1994] 79107 (introductory abstract), 93007−10, 93159, 94179, 94262, 94284−5, 94300, 94458−62, 94603−5

Quark-gluon plasma physics and astrophysics; Calcutta, India, 19-23 Jan. 1993, [Singapore: World Scientific 1994] 98395, 98484, 98643−4

Radar; Atlanta, GA, USA, 29-31 March 1994, *(Atlanta Sect. & the IEEE Aerosp. & Electron. Syst. Soc)* [New York, NY, USA: IEEE 1994] 60705 (introductory abstract), 65879−86, 65914−27, 73326, 73943−4, 75525−43, 75605−8, 77781

Radiation and its effects on components and systems; St. Malo, France, 13-16 Sept. 1993, [New York, NY, USA: IEEE 1994] 70356−7, 70367−8, 70460−2, 70465−71, 70575, 70770, 71231−2, 71549−50, 71559, 71571, 71577, 71596, 71640−6, 71654, 71725, 71746, 71748, 71773−5, 71781, 71881−2, 72314−5, 72533, 72589, 75434−5, 76063−4, 76069, 76720, 76772−4, 76830, 77135, 77768−9, 78819

Radiation effects; Snowbird, UT, USA, 21 July 1993, [New York, NY, USA: IEEE 1993] 69537, 70336, 70339, 70379, 70474, 70492−3, 70579−80, 70693−4, 71551, 72230, 75446, 76079, 77116, 77141

Radiation effects in insulators; Nagoya, Japan, 6-10 Sept. 1993, *(Nagoya Univ. Found.; Aichi Prefecture; Nagoya City; Daiko Found.; et al)* [June 1994] 69987, 71297−300, 71349, 72363, 72579−81, 73048, 76104, 76146

Radiations and their effects on devices and systems; Saint Malo, France, 13-16 Sept. 1993, [June 1994] 60759 (introductory abstract), 70286, 70464, 70476−9, 70769, 71222−3, 71257, 71573−4, 71580, 71648−50, 71776−8, 71822, 71870, 72305−6, 72320, 72364, 72814, 75412, 76757, 77095

Radio frequency power in plasmas; Boston, MA, USA, 1-3 April 1993, [1994] 49616, 49634, 49744, 51220, 51231−2, 51271−3

Radio science; Liverpool, UK, 12-13 July 1994, [Liverpool, UK: Univ. Liverpool 1994] 79085 (introductory abstract)

Radio symposium; Montreux, Switzerland, 9-11 June 1994, [Geneva, Switzerland: Eur. Broadcasting Union 1994] 90738 (introductory abstract), 97556−81, 97716−20, 97733

Radio system security and cryptography; London, UK, 3 June 1994, *(IEE)* [London, UK: IEE 1994] 60708 (introductory abstract), 64282, 64355, 65136, 65182, 65566, 65624−9

Radiology and oncology; Harrogate, UK, 23-25 May 1994, [1994] 90741 (introductory abstract)

Rapid system prototyping; Grenoble, France, 21-23 June 1994, *(IEEE Comput. Soc. Tech. Committee on Simulation; IEEE Comput. Soc. Tech. Committee on Test Technol.; ACM SIGSIM)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 70227−8, 70358−9, 70572, 75062, 75754

Rapidly quenched and metastable materials; Sendai, Japan, 22-27 Aug. 1993, [1 May 1994] 58716, 61412, 62141, 63188−9, 66295−6, 67625

Raster imaging and digital typography; Darmstadt, Germany, 11-13 April 1994, [Sept. 1993] 64276

Reactor physics and computations; Tel Aviv, Israel, 23-26 Jan. 1994, *(Eur. Nucl. Soc.; Israel Nucl. Soc.)* [Beer-Sheva, Israel: Ben-Gurion Univ. of the Negev Press 1994] 53586, 53888−91, 53898−9

Real-time applications; Washington, DC, USA, 21-22 July 1994, *(IEEE Comput. Soc. Tech. Committee on Real-Time Syst)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 74848, 78964

Real-time computing; Sint Maarten, Dutch Antilles, 5-17 Oct. 1992, [Berlin, Germany: Springer-Verlag 1994] 57959, 57998−9, 58205−9, 58233, 58657, 59510−1, 60076

Real-time operating systems and software; Seattle, WA, USA, 18-19 May 1994, *(IEEE)* [Los Alamitos, CA, USA: IEEE Computer. Soc. Press 1994] 58132, 58361, 59448−9

Real-time programming; Bruges, Belgium, 23-26 June 1992, *(IFAC; IFIP)* [Oxford, UK: Pergamon Press 1992] 61766, 65099, 65353, 68012

Recording systems; Munich, Germany, 21-23 June 1993, *(SPIE; EOS; IS&T)* [1993] 48522 (introductory abstract)

Relaxation phenomena in solids; Voronezh, Russia, Feb. 1993, [1993] 52874

Reliability and maintainability; Atlanta, GA, USA, 26-28 Jan. 1993, *(IEEE; AIAA; IES; SAE; SRE; IIE; SOLE; American Soc. Quality Control; Syst. Safety Soc)* [New York, NY, USA: IEEE 1993] 48580 (introductory abstract), 54423, 54427−8, 54431, 54437, 54442, 54444−9, 54463, 54479, 54487, 54552, 54555−8, 54585−618, 54621−31, 54633−42, 54662, 55178, 55220, 55261, 55294, 55356, 55462, 55922, 56053, 56070, 56227, 58004, 58034, 58073, 58275, 58653, 59436−8, 59457, 59482−8, 59524, 59526−7, 59651−4, 59667−8, 59709, 60033, 60561, 60643, 60669−70

Reliability, competitive edge; Arnham, Netherlands, 4-6 Oct. 1993, *(AKZO; NV Nederlandse Gasunie; NV Nederlandse Spoorwegen; et al) P.J.Van Gestral, W.Roseboom (editor/s),* [Arnhem, Netherlands: KEMA 1993] 79130 (introductory abstract), 79222−30, 79261, 79491−502, 85477, 88967, 89106−7, 89417, 89458, 89655, 89774, 90684

Reliability physics; San Jose, CA, USA, 11-14 April 1994, *(IEEE Electron Devices Soc.; IEEE Reliability Soc)* [New York, NY, USA: IEEE 1994] 54322 (introductory abstract), 60848, 60958−65, 61038, 61438, 61516, 61641, 61693−8, 61939, 62318, 62338, 62365−6, 62403, 62460−1, 62513−25, 62621, 62692−3, 62771−9, 62868, 62944−7, 62986−91, 63015−6, 63032, 63052, 63598, 63802

Reliable distributed systems; Dana Point, CA, USA, 25-27 Oct. 1994, *(IEEE Comput. Soc. Tech. Committee on Distributed Process.; IEEE Comput. Soc. Tech. Committee on Fault-Tolerant Comput.; IFIP WG 10.4 on Dependable Comput)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 92075, 96229−30, 97902

Remote sensing of Arctic environments; Tromso, Norway, 4-6 May 1992, [June 1994] 69353 (introductory abstract)

Remote sensing symposium; Sherbrooke, Que., Canada, 7-10 June 1993, [March-April 1994] 69322 (introductory abstract)
Rendering; Bristol, UK, 17-20 May 1992, [Bristol, UK: Consolidation Express Publishing 1992] 95806
Research in security and privacy; Oakland, CA, USA, 24-26 May 1993, *(IEEE; IACR)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 48511 (introductory abstract), 51280, 51321, 51813, 52086, 57317, 57356, 57980–4
Resource sharing; Essen, Germany, 18-21 Oct. 1993, [Essen, Germany: Essen Univ. Library 1994] 84484, 85719–20, 85777
Road traffic monitoring and control; London, UK, 28-30 April 1992, [London, UK: IEE 1992] 96120–1, 97767
Robotics and automation; Atlanta, GA, USA, 2-6 May 1993, *(IEEE)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 48652, 48717, 49499, 50988, 50993, 51536–7, 51687–93, 51720–5, 52650, 52652, 52654, 52820–3, 52837, 52875, 52962, 53056, 53090, 53443, 53459, 53476–7, 53502, 53565, 54163, 54180, 57725–6, 58678, 90950, 93811, 94708, 95608, 95807, 96078–83, 97458, 97474–5, 97808, 97821, 97927–30, 97984–7, 98119, 98945, 98951, 99355–6, 99865, 100163, 100182, 100186, 100919
Romanian symposium on computer science, ROSYCS; Iasi, Romania, 12-13 Nov. 1993, [Iasi, Romania: Univ. Al.I. Cuza 1993] 91342, 91347, 91385, 93523
Rural electric power conference; Colorado Springs, CO, USA, 24-26 April 1994, *(Rural Electr. Power Committee of the IEEE Ind. Appl. Soc)* [New York, NY, USA: IEEE 1994] 69317 (introductory abstract), 77891, 78020–1, 78041, 78099–108, 78765–6, 79068, 85438
Safety-critical systems design; London, UK, 12 April 1994, *(IEE)* [London, UK: IEE 1994] 54287 (introductory abstract), 54419–21, 59420, 60668
Salient-pole machines; Wuhan, China, 10-12 Oct. 1993, *(Huazhong Univ. Sci. & Technol.; Chinese Electro-tech. Soc.; et al) L.Jinming, W.Wei (editor/s),* [Hubei, China: Huazhong Univ. Sci. & Technol. 1993] 79097 (introductory abstract), 80098, 89104–5, 89208, 89709–11, 89722–30, 89740–2, 89802, 89811–4, 89818–22, 89859–70, 89884–93, 89898–904, 89982, 90537
SAREX-92; Paris, France, 6-8 Dec. 1993, *M.Wooding, E.Attema (editor/s),* [Paris, France: ESA 1992] 60774 (introductory abstract)
Scalable high-performance computing; Knoxville, TN, USA, 23-25 May 1994, *(IEEE Comput. Soc. Tech. Committee on Supercomput. Appl)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 54769–70, 57436, 57995, 58007, 58041, 58199
Scalable parallel libraries; Mississippi State, MS, USA, 6-8 Oct. 1993, *(Mississippi State Univ.; Nat. Sci. Found)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 91388, 99460, 99588
Scanning tunneling microscopy; Beijing, China, 9-13 Aug. 1993, *(Chinese Acad. Sci.; State Sci. & Technol. Comm.; et al)* [May-June 1994] 69302 (introductory abstract), 61401–6, 62177, 62618, 62957, 63244, 63287, 69938–9, 69955–6, 69983, 70101–2, 70121–2, 70935, 71013, 71058–62, 71068–72, 71102–3, 71137, 71198–201, 71235, 71328, 71346–7, 71445–6, 71883, 72096, 72204, 72812, 76017, 76187, 76193, 76202, 76237, 76251, 79780, 81285, 81467, 81561
Science, engineering and practice of fuel cells; London, UK, 28 Sept.-1 Oct. 1993, [April 1994] 54281 (introductory abstract), 60040, 60149–52, 60432–49, 60570–1
Science with astronomical near-infrared sky surveys; Les Houches, France, 20-24 Sept. 1993, [July 1994] 98081
Scientific and statistical database management; Charlottesville, VA, USA, 28-30 Sept. 1994, *(Center of Excellence in Space Data & Inf. Sci.; NASA; Nat. Oceanic & Atmos. Admin.; IEEE Comput. Soc. Tech. Committee on Data Eng.; Int. Assoc. for Statistical Comput)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 86644
Scientific meeting of the Biological Engineering Society; Bath, UK, 13-15 Sept. 1993, [May 1994] 53373, 53441, 53462
Scintillating fiber technology and applications; San Diego, CA, USA, 29 July 1994, *(SPIE)* [1994] 90763 (introductory abstract)
SDH impact on TV broadcasting; London, UK, 24 May 1994, *(IEE)* [London, UK: IEE 1994] 60732 (introductory abstract), 66020–2, 66057–8
SDL; Darmstadt, Germany, 11-15 Oct. 1993, [Amsterdam, Netherlands: Elsevier 1993] 96213, 96405, 96458, 96516, 96781–2, 96840, 96915–6, 97072, 97170
Second Compton symposium; College Park, MD, USA, 20-22 Sept. 1993, [1994] 67668
Secondary electrons in electron spectroscopy, microscopy, and microanalysis; Chlum Castle, Czech Republic, 21-24 Sept. 1993, [March 1994] 49756, 49824
Security, audit and control; London, UK, 20-22 Oct. 1993, [Oxford, UK: Elsevier 1993] 95094, 96370, 96459, 96521
Security technology; Albuquerque, NM, USA, 12-14 Oct. 1994, *(IEEE Lexington Sect.; IEEE Aerosp. & Electron. Syst. Soc.; Univ. New Mexico; Chung Shan Inst. Sci. & Technol.; Nat. Chiao-Tung Univ.; IEEE Albuquerque Sect.; Sandia Nat. Lab.; Los Alamos Nat. Lab.; Georgia Tech. Res. Inst) L.D.Sanson (editor/s),* [New York, NY, USA: IEEE 1994] 90727 (introductory abstract), 90880–3, 90937, 95057, 95171, 95893, 97009, 97330, 97425, 97679, 97701, 97708, 98110, 99351, 100934
Semiconductor physics; Sao Paulo, Brazil, 4-16 July 1993, [March 1994] 48915–9, 49762, 49774, 49783, 49797–8, 49882, 50664, 50689, 50697–8, 50798–800
Semiconductor processing - quality through measurement; London, UK, 27 April 1994, *(IEE)* [London, UK: IEE 1994] 90776 (introductory abstract)
Sensing, imaging, and vision for control and guidance of aerospace vehicles; Orlando, FL, USA, 4-5 April 1994, *(SPIE)* [1994] 60757 (introductory abstract), 72554, 72969, 74385, 75650, 75958–9, 76059, 77108–9, 77119, 77136–9, 77173–9, 77181–3, 77201–4, 77207, 77312, 77790, 78773
Sensor fusion and aerospace applications; Orlando, FL, USA, 6-7 April 1994, *(SPIE)* [1994] 60758 (introductory abstract), 74147–9, 74555–7, 84187, 84584–92, 86599, 88652–3
Sensors and their applications; Manchester, UK, 12-15 Sept. 1993, *(IOP) K.T.V.Grattan, A.T.Augousti (editor/s),* [Bristol, UK: IOP Publishing 1993] 69316 (introductory abstract), 80002, 82020, 82549, 82632, 83077, 83232, 85659, 86997–8, 87050, 87079–96, 87220–35, 87272, 87317–29, 87422, 87460, 87516–7, 87577, 87587, 87597, 88377, 88763, 88879, 89392
Services in distributed and networked environments; Prague, Czech Republic, 27-28 June 1994, *(IEEE Comput. Soc. Tech. Committee on Distributed Process.; Czech Inst. Technol. (CVUT))* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 60747 (introductory abstract), 74689, 74791, 74838, 74889, 74922–8, 75241–2
Sherwood fusion theory; Dallas, TX, USA, 14-16 March 1994, [Austin, TX, USA: Univ. Texas at Austin 1994] 83829
SIGCOMM '94; London, UK, 31 Aug.-2 Sept. 1994, *(Hewlett Packard; Reuters; UCL)* [Oct. 1994] 90742 (introductory abstract)
SIGDOC '92, multimedia documentation; Ottawa, Ont., Canada, 13-16 Oct. 1992, *(ACM)* [New York, NY, USA: ACM 1992] 96437, 96774
Signal and image processing in microscopy and microanalysis; Cambridge, UK, 16-19 Sept. 1991, *(Scanning Microscopy Int)* [1992] 90766 (introductory abstract)
Signal processing applications and technology. vol.1; Santa Clara, CA, USA, 28 Sept.-1 Oct. 1993, [Newton, MA, USA: DSP Associates 1993] 60770 (introductory abstract), 69660, 70253, 70258, 70334, 70346, 70432–3, 70455–6, 70626–60, 70668–86, 70751–61, 70767–8, 70810, 70813, 71002, 73576, 73597, 73773, 73890–1, 73896–924, 74121–34, 74218–23, 74518–46, 74608–11, 74883, 74892, 75106–9, 75119–29, 75131, 75135–6, 75142–4, 75192, 75211–3, 75302–3, 75521, 75601–3, 75645–7, 75667–8, 75688–9, 75724, 75742–3, 75781–2, 75802, 75863–5, 75877, 76089, 76875, 76877, 77021, 77101, 77120–1, 77184, 77319, 77342, 77420, 77567, 78251, 78735, 78989–90
Signal processing, sensor fusion, and target recognition; Orlando, FL, USA, 4-6 April 1994, *(SPIE)* [1994] 60735 (introductory abstract), 70180, 72504, 72663, 72943, 73927–33, 74228–44, 75522–4, 75879, 77122, 77776–8, 77794
Signals, systems and computers; Pacific Grove, CA, USA, 1-3 Nov. 1993, *(Naval Postgraduate School; San Jose State Univ.; IEEE Signal Process. Soc.; IEEE Comput. Soc)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 92291–2, 92329–30, 92397–403, 92413–6, 93892, 95088, 95175–8, 95224–6, 95314–7, 95521–71, 95609–30, 95950–73, 96084–91, 96549, 96872, 97165–8, 97204–5, 97391–4, 97426, 97466–71, 97476, 97721, 98167, 98871–2, 98914–5, 98954, 99155, 99190, 99390, 100898
Silicon molecular beam epitaxy; Chiba, Japan, 30 Aug.-1 Sept. 1993, [April 1994] 54336 (introductory abstract)
Slow positron beam techniques for solids and surfaces; Jackson Hole, WY, USA, 6-10 Aug. 1992, [1994] 79800, 81161–2, 83518, 87658–66, 87797, 87935–9
Smart materials; Orlando, FL, USA, 14-16 Feb. 1994, *(SPIE)* [1994] 79090 (introductory abstract), 79876, 79981, 79984–5, 79989, 79994, 82153–5, 82159, 82183, 82198, 82519, 82553, 83822, 87098, 87263, 87304–6, 88551, 88657, 88710, 90322, 90325–6
Smart sensing, processing, and instrumentation; Orlando, FL, USA, 14-16 Feb. 1994, *(SPIE)* [1994] 90761 (introductory abstract), 91649, 91667–74, 94117, 97973–4, 98048–74, 98347, 99042, 99066–7, 99157
Smart structures and intelligent systems; Orlando, FL, USA, 14-16 Feb. 1994, *(SPIE)* [1994] 79136 (introductory abstract), 81744, 82160–1, 82199–215, 82301–4, 83830, 87264–5, 88622–6, 90050–1, 90330–2, 90609, 93766, 99058, 100168, 100173
Smart structures and materials 1994. Passive damping; Orlando, FL, USA, 14-16 Feb. 1994, *(SPIE; SEM; ASME; SIAM; MRS)* [1994] 90760 (introductory abstract), 93799
Soft magnetic materials; Venezia, Italy, 29 Sept.-1 Oct. 1993, [May 1994] 54280 (introductory abstract), 56205–11, 56228, 61435, 63086, 63128, 63132–63, 63190–3, 63245–52, 63263, 64092, 64117, 66171–3, 66593, 66654–9, 66694, 68516–7, 68588–90, 68638, 68652–3, 68669–71
Software applications in electrical engineering; Southampton, UK, 6-8 July 1993, *P.P.Silvester (editor/s),* [Southampton, UK: Comput. Mech. Publications 1993] 48582 (introductory abstract), 55032, 55054–61, 55107, 55322, 55429, 55465, 55483, 55858, 56016, 56199, 57045, 57054, 57137, 57218, 57261, 58467, 60154, 60192, 60224, 60315, 60387, 60401, 60517–8, 60574–7
Software engineering; Toronto, Ont., Canada, 24-28 Oct. 1993, [Ottawa, Ont., Canada: Nat. Res. Council of Canada 1993] 58264, 96391, 96461, 96604, 98206
Software engineering, ESEC '93; Garmisch-Partenkirchen, Germany, 13-17 Sept. 1993, [Berlin, Germany: Springer-Verlag 1993] 75152
Software process; Reston, VA, USA, 10-11 Oct. 1994, *(Int. Software Process Assoc.; IEEE Comput. Soc. Tech. Council on Software Eng.; ACM SIGSOFT)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 96923
Software quality; Venice, Italy, 18-20 Oct. 1993, *(IFIP; Digital Equipment: IBM SEMEA; Tecnomare; ETNOTEAM Technol. Software; In tecs sistermi)* [Pisa, Italy: IEI-CNR 1993] 85387
Software reuse: Advances in software reusability; Rio de Janeiro, Brazil, 1-4 Nov. 1994, *(IEEE Comput. Soc. Tech. Council on Software Eng.; Soc. Brasileira de Comput.; ACM)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 96523
Software specification and design; Redondo Beach, CA, USA, 6-7 Dec. 1993, *(IEEE Comput. Soc; ACM SIGSOFT)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 65095, 65309–10
Software support and CAD techniques for FPGAs; London, UK, 13 April 1994, *(IEE)* [London, UK: IEE 1994] 90779 (introductory abstract)
Software testing and analysis; Seattle, WA, USA, 17-19 Aug. 1994, [1994] 96220
SOI conference; Palm Springs, CA, USA, 5-7 Oct. 1993, *(IEEE Electron Devices Soc)* [New York, NY, USA: IEEE 1993] 90726 (introductory abstract), 92232–3, 92424, 93076–86, 93111, 93142–5, 93237–41, 93303, 93454–80, 93557–60, 93585, 93635–49, 93666–7
Solid-state circuits; San Francisco, CA, USA, 16-18 Feb. 1994, *(IEEE Solid-State Circuits Council; IEEE Bay Area Council San Francisco Sect)* [New York, NY, USA: IEEE 1994] 90874, 91896, 91917–22, 91932, 91958, 91969, 92122–8, 92221–31, 92280–9, 92321–8, 92340–2, 92367–8, 92396, 92423, 92428, 92436–8, 92452–3, 92627–30, 93296, 93355, 93453, 93556, 93584, 93797–8, 93885–7, 94269, 94307, 96594, 96890–1, 96942, 97007–8, 97134–7, 97326–9, 97631–3, 97661–3, 97699, 97731, 97735, 97873–4, 98106–9, 98228–30, 98248, 98314, 98689, 99793
Solid state ionics; The Hague, Netherlands, 12-17 Sept. 1993, *(Delft Univ. Technol.; Univ. Twente; Minist. Econ. Affairs; et al)* [May-June 1994] 69343 (introductory abstract)
Solid state physics; Bombay, India, 27-31 Dec. 1993, *(Dept. Atomic Energy)* [July 1994] 82379
Solid-state sensors and actuators; Yokohama, Japan, 7-10 June 1993, [May 1994] 54339 (introductory abstract), 60973, 62223, 62362, 62378, 62471–2, 62614, 63109–11, 63117, 63217, 63480, 63531–2, 63596, 66236–50, 66280–5, 66337–41, 66380–2, 66507–9, 66687, 67439–40, 67450, 67488, 67550, 68662–3, 68923–5, 97882–3, 97895–6, 98121–7, 98145–51, 98158–61, 98738, 99300
Sources and backgrounds; Orlando, FL, USA, 12-13 April 1993, *(SPIE)* [1993] 69303 (introductory abstract)
SOUTHEASTCON '94 - creative technology transfer; Miami, FL, USA, 10-13 April 1994, *(Florida Int. Univ. ECE Dept.; Univ. Miami ECE Dept.; IEEE Miami Sect.; IEEE Region 3; IEEE Florida Council)* [New York, NY, USA: IEEE 1994] 69376 (introductory abstract), 79197–8, 79253–4, 79275, 79506–7, 80024, 80057–8, 80283, 80378, 80431, 80484–6, 80677, 81173, 81233, 82051, 82231, 82770, 82932, 83526, 83528, 83641, 83719, 83742, 83793–4, 83831, 84145, 84383–6, 84856–60, 85216, 85245, 85256, 85332, 85762, 85834–7, 85879–80, 85968, 86066, 86163–4, 86218, 86293, 86428, 86677, 88498–9, 88707, 89156–60, 89181, 89260, 89464, 89967–9, 90047, 90132, 90193, 90316, 90503–6, 90599
Space cryogenics; San Jose, CA, USA, 20-21 July 1993, *(CEC; IIR)* [May 1994] 52852, 53017, 53508–10
Space debris detection and mitigation; Orlando, FL, USA, 15-16 April 1993, *(SPIE)* [1993] 90743 (introductory abstract)

Space instrumentation and dual-use technologies; Orlando, FL, USA, 4-6 April 1994, *(SPIE)* [1994] 69352 (introductory abstract)
Space missions and astrodynamics; Turin, Italy, 18 June 1992, [Feb. 1994] 48550 (introductory abstract)
Spaceborne interferometry; Orlando, FL, USA, 15-16 April 1993, *(SPIE)* [1993] 60733 (introductory abstract)
Spacecraft antennas; London, UK, 9 May 1994, [London, UK: IEE 1994] 54330 (introductory abstract), 57262–3, 57291–5, 57311
Spectral and high order methods; Montpellier, France, 22-26 June 1992, [June 1994] 79645 (introductory abstract)
Spectrally efficient satellite communications; London, UK, 30 March 1994, *(IEE)* [London, UK: IEE 1994] 48571 (introductory abstract), 52451–7
Spectroscopic characterization techniques for semiconductor technology V; Los Angeles, CA, USA, 25-26 Jan. 1994, *(SPIE)* [1994] 90705 (introductory abstract)
Speech and language technology for disabled persons; Stockholm, Sweden, 31 May-2 June 1993, *B.Granstrom, S.Hunnicutt, K.-E.Spens (editor/s),* [Stockholm, Sweden: ESCA & Speech Commun. & Music Acoust. KTH 1993] 90713 (introductory abstract), 98957–89
Speech, image processing and neural networks; Hong Kong, 13-16 April 1994, *(IEEE Signal Process. Soc.; HKIE Electron. Div.; IEE Hong Kong Centre)* [New York, NY, USA: IEEE 1994] 90755 (introductory abstract), 91358, 91801, 92303, 92417, 95172–4, 95227–30, 95286–313, 95330–63, 95518–9, 95631–7, 95894–939, 96092–119, 96440, 96876–7, 97390, 97592, 97875, 98867–8, 98922, 98992
Speech processing techniques; London, UK, 1 June 1994, *(IEE)* [London, UK: IEE 1994] 60707 (introductory abstract), 64344–54
Spread spectrum techniques for radio communication; London, UK, 15 April 1994, *(IEE)* [London, UK: IEE 1994] 48585 (introductory abstract), 51372–4, 51797–8, 51869, 52199, 52343, 52429–32
STACS '94, theoretical computer science; Caen, France, 24-26 Feb. 1994, [Berlin, Germany: Springer-Verlag 1994] 79631–2, 80016, 83904, 84014
State and advances in measurement and instrumentation education; London, UK, 8-10 Sept. 1993, *L.Finkelstein, K.T.V.Grattan (editor/s),* [London, UK: City Univ. 1993] 60726 (introductory abstract), 69401–7, 69520, 69594, 71880, 74346, 75803–8, 75811–9, 75821–3, 75829–30, 75838, 75850–1, 75858, 75881–6, 75922–6, 75940–3, 75983, 76068, 76111, 76143, 76214, 76240, 76250, 76271, 76883, 77061, 78238
Statistical physics; Smolenice, Slovakia, 11-15 April 1994, [Aug. 1994] 49131, 79801, 82362
Stress-induced phenomena in metallization; Austin, TX, USA, 29-31 March 1993, [1994] 60671 (introductory abstract), 62535–48, 71403–8
Structure in complexity theory; Amsterdam, Netherlands, 28 June-1 July 1994, *(IEEE Comput. Soc. Tech. Committee on Math. Found. Comput.; ACM SIGACT; EATCS)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 73612
Structured methods for hardware systems design; London, UK, 5 May 1994, *(IEE)* [London, UK: IEE 1994] 55079–80, 55237
Substance detection systems; Innsbruck, Austria, 5-8 Oct. 1993, *(SPIE; FAA; EOP; British Home Office; German Fed. Aviation adm.; EOS)* [1994] 69333 (introductory abstract)
Substance identification analytics; Innsbruck, Austria, 4-8 Oct. 1993, *(SPIE; EOS; Aviation Security R&D Service, FAA; British Home Office; et al)* [1994] 69366 (introductory abstract)
Substitutes for Pb-containing solder for microelectronic applications; San Francisco, CA, USA, 28 Feb.-3 March 1994, [Aug. 1994] 69372 (introductory abstract), 79303, 79972–7, 80995–7, 81569
Summer science academy; Prairie View, TX, USA, 13 June 1992, [1994] 52774, 53318
Supercolliders and superdetectors; Erice, Italy, 19-26 Nov. 1991 & 17-22 Nov. 1992, *W.A.Barletta, H.Leutz (editor/s),* [Singapore: World Scientific 1993] 90771 (introductory abstract)
Superconductive devices and circuits; Los Angeles, CA, USA, 25-27 Jan. 1994, *(SPIE)* [1994] 79077 (introductory abstract), 92310, 93935–51, 97218, 97509, 97905–8, 98810, 99064
Superconductive elctronics; Boulder, CO, USA, 11-14 Aug. 1993, [May 1994] 48528 (introductory abstract), 55183, 56237, 56245–57, 56281, 58749, 59263
Support for decision and negotiation processes; Warsaw, Poland, June 1992, *(IFAC; IFORS; IIASA; TIMS)* [Sept. 1994] 85786
Surface science; Warwick, UK, 30 Aug.-4 Sept. 1993, [20 April 1994] 48955, 49822, 49912
Surface X-ray and neutron scattering; Dubna, Russia, 24-29 June 1993, [April 1994] 62414, 67400
Surveillance technologies; Orlando, FL, USA, 13-14 April 1993, *(SPIE)* [1993] 69360 (introductory abstract)
Switching arc phenomena; Lodz, Poland, 27 Sept.-1 Oct. 1993, *(Minist. Nat. Educ.; Electr. Equipment Establ. EMA ELESTER in Lodz; et al)* [Lodz, Poland: Tech. Univ. Lodz 1993] 79096 (introductory abstract), 79304, 80963–4, 82135–6, 89222, 89313, 89801, 90225–83, 90290–2, 90640
Switching systems design; Dresden, Germany, 30 Sept.-1 Oct. 1993, [Dresden, Germany: Tech. Univ. Dresden 1993] 79147 (introductory abstract), 80025, 80068–9, 80313, 80503, 80512, 80517–8, 82083, 84163
Symbolic and algebraic computation; Berkeley, CA, USA, 27-29 July 1992, *(ACM)* [New York, NY, USA: ACM 1992] 69712–4, 69791–7, 69836–9, 69857, 69866
Synchrotron radiation instrumentation; Gaithersburg, MD, USA, 23-26 Aug. 1993, [11 Aug. 1994] 69371 (introductory abstract), 81124, 82032, 83177–8, 83403, 87187, 87631, 87737–65, 87891, 88259, 88271–305, 88380–1
System sciences; Wailea, HI, USA, 4-7 Jan. 1994, *(IEEE; ACM; Univ. Hawaii; Univ. Hawaii Coll. Bus. Admin)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 48599, 49072–5, 49473–4, 49949, 49994, 50090, 50653–4, 51694, 51932–3, 52044, 52132–3, 52140, 52162, 52242–4, 52246
System sciences III; Wailea, HI, USA, 4-7 Jan. 1994, *(IEEE; ACM; Univ. Hawaii; Univ. Hawaii Coll. Bus. Admin)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 51943–4
Systems management; Los Angeles, CA, USA, 14-16 April 1993, *(IEEE Comput. Soc. Tech Committee on Distributed Process)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 60741 (introductory abstract), 74686–8, 74836–7, 74918
Systems sciences II; Wailea, HI, USA, 4-7 Jan. 1994, *(IEEE; ACM; Univ. Hawaii; Univ. Hawaii Coll. Bus. Admin)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 49103, 51761, 52022
Technical communication; Banff, Alta., Canada, 28 Sept.-1 Oct. 1994, *(IEEE Professional Commun. Soc)* [New York, NY, USA: IEEE 1994] 90739–40, 90796–818, 90824–6, 90855–60, 90865–7, 96412, 96558–9, 96694–6
Technologies for optical fiber communications; Los Angeles, CA, USA, 25 Jan. 1994, *(SPIE)* [1994] 60753 (introductory abstract), 70331, 70821, 70900, 71118, 71180, 71613–4, 71824, 72395, 72418, 72598–611, 72650–4, 72778–9, 72897–8, 75487–95, 75839, 76000
Technology and foundations. Information processing; Hamburg, Germany, 28 Aug.-2 Sept. 1994, [1994] 79619–20, 79647, 80334, 83896, 83980–1, 84378, 85244, 85326, 85747–8, 86148–51
Telecommunication systems feature interactions; Amsterdam, Netherlands, 8-10 May 1994, *(IEEE Commun. Soc.; ACM SIGCOMM; PTT Res) L.G.Bouma, H.Velthuijsen (editor/s),* [Amsterdam, Netherlands: IOS Press 1994] 90756 (introductory abstract)
Telecommunications; Dubai, United Arab Emirates, 10-12 Jan. 1994, *(IEEE; IEE; Kings Coll., London; Dubai Chamber Commerce & Ind.; et al)* [New York, NY, USA: IEEE 1993] 48724, 49519, 49554, 49649–50, 49818, 50836–7, 50953, 51105–7, 51263, 51286, 51298–9, 51330–8, 51411–3, 51508–14, 51642, 51747, 51789–90, 51828–30, 51930, 51973, 52043, 52136–8, 52216, 52305, 52325–8, 52342, 52391–400, 52442–4, 52461, 52580–2, 52675–7, 52766
Telecommunications and information technology integration; London, UK, 21 March 1994, *(IEE)* [London, UK: IEE 1994] 48515 (introductory abstract), 51912–5, 52107–8, 52239–41, 53466
Telecommunications - PTC '93; Honolulu, HI, USA, 17-20 Jan. 1993, *J.G.Savage, D.J.Wedemeyer (editor/s),* [Honolulu, HI, USA: Pacific Telecommun. Council 1993] 79114 (introductory abstract), 79212, 85346, 85406–16, 85487–99, 85825–7, 85892–7, 85928–30, 85945, 85966–7, 85994–5, 86033, 86210–7, 86283–92, 86739, 86763–4, 88572, 88637, 90848–9, 96270, 96301–39, 96378–90, 96464–5, 96524–8, 96592, 96609–11, 96788–90, 96843, 96953–4, 97084–6, 97172–80, 97518–24, 97611, 97640, 99036
Telecommunications - PTC '94; Honolulu, HI, USA, 16-20 Jan. 1994, *J.G.Savage, D.J.Wedemeyer (editor/s),* [Honolulu, HI, USA: Pacific Telecommun. Council 1994] 90717 (introductory abstract)
Telesystems; San Diego, CA, USA, 26-28 May 1994, *(IEEE Aerosp. & Electron. Syst. Soc.; IEEE Microwave Theory & Tech. Soc.; IEEE San Diego Sect.; IEEE Nat. Capital Area Council; Atlanta IEEE Sect) M.I.Hoffman (editor/s),* [New York, NY, USA: IEEE 1994] 60728 (introductory abstract), 69658, 73380, 73486, 73533–4, 74897, 74921, 74943, 75172, 75177–9, 75238–40, 75357–63, 75381, 75406, 75544, 75609–15, 75671–4, 75843, 76065, 77083, 77128–32, 77196–9, 77767, 77782–3, 77793, 77796, 77907, 78903
Teletraffic; Cambridge, UK, 23-25 March 1994, *(IEE)* [London, UK: IEE 1994] 60687 (introductory abstract), 64904–15, 65001–5, 65030–2, 65082–6, 65157–63, 65245–7, 65599–600, 65714–5
Teleworking and teleconferencing; London, UK, 7 June 1994, [London, UK: IEE 1994] 69387 (introductory abstract), 74784, 74832, 74886, 75057–9, 75110
Terminology and knowledge engineering; Cologne, Germany, 25-27 Aug. 1993, [Frankfurt/Main, Germany: Indeks Verlag 1993] 69659
Ternary and multinary compounds; Yokahama, Japan, 8-12 Aug. 1993, *(Japan Soc. Applied Phys.; Ceramic Soc. Japan; Chem. Soc. Japan; et al)* [1993] 48505 (introductory abstract), 61222–9, 61263–71, 61325–6, 61352–60, 62163, 62193, 62206–19, 62232, 62401, 62448–50, 63164–9, 63195, 63335, 63500, 63545–6, 63555–6, 63563, 63571, 63586, 63762–3, 63928–31, 66456, 68999
Textile, fiber and film industry; Greenville, SC, USA, 4-5 May 1994, *(Textile, Fiber & Film Ind. Committee; Ind. Applications Soc. IEEE)* [New York, NY, USA: IEEE 1994] 69319 (introductory abstract), 77879, 78574, 78749, 78885–6, 79029, 79051–3
Texture classification: theory and applications; London, UK, 7 Oct. 1994, *(IEE)* [London, UK: IEE 1994] 91125
Theoretical and phenomenological aspects of underground physics; Assergi, Italy, 19-23 Sept. 1993, [May 1994] 59150–72, 59176, 59215, 67288
Theoretical aspects of computer software; Sendai, Japan, 19-22 April 1994, [Berlin, Germany: Springer-Verlag 1994] 57992
Thermal phenomena in electronic systems; Washington, DC, USA, 4-7 May 1994, *(K-16 on Heat Transfer in Electron. Equipment, Heat Transfer Div., ASME; Electron. Packaging Div. ASME; Components, Packaging & Manuf. Technol. IEEE; Int. Soc. Hybrid Microelectron.; NIST)* [New York, NY, USA: IEEE 1994] 90754 (introductory abstract), 91071–86, 91643, 92300, 92702–5, 92817, 92854, 93113, 93366, 93890–1, 94054, 97501, 100360
Thermal sensing and imaging diagnostic applications; Orlando, FL, USA, 6-8 April 1994, *(SPIE)* [1994] 69336 (introductory abstract)
Thermosense XV; Orlando, FL, USA, 14-16 April 1993, *(SPIE)* [1993] 69324 (introductory abstract)
Thin films; Vienna, Austria, 6-10 Sept. 1993, [15 June 1994] 61313–4, 61391–3, 62528–9, 62664
Thin films - TATF '94 and HVITF '94; Dresden, Germany, 7-11 March 1994, *(Deutsche Forschungsgemeinschaft; Comm. Eur. Union)* [16 Oct. 1994] 91538–9, 91642, 92933, 93044–5, 93288, 94044, 98174, 98734
Time-varying image processing and moving object recognition; Florence, Italy, 10-11 June 1993, *(Eur. Assoc. Signal Process.;IEEE (Italy); Int. Centre Signal & Image Process.; et al) V.Cappellini (editor/s),* [Amsterdam, Netherlands: Elsevier 1994] 48581 (introductory abstract), 57573–4, 57763–805, 58465–6, 58517, 58585, 59261
Tools with artificial intelligence; Boston, MA, USA, 8-11 Nov. 1993, [June 1994] 91807
Towards the next generation of nuclear power reactors; Salt Lake City, UT, USA, 21-24 Sept. 1992, [Feb. 1994] 53519
Transmission and distribution; Chicago, IL, USA, 10-15 April 1994, *(IEEE Power Eng. Soc)* [New York, NY, USA: IEEE 1994] 69310 (introductory abstract), 80944–5, 88965–6, 88986, 89095–103, 89161–2, 89197, 89229–47, 89252–9, 89261–2, 89270–81, 89283–5, 89316–21, 89330–5, 89337, 89365, 89384, 89402–3, 89406, 90081–4, 90293–302, 90312–3
Transmission and distribution construction and live line maintenance; Las Vegas, NV, USA, 12-17 Sept. 1993, *(IEEE/PES: Eng. Safety, Maintenance & Oper. Lines Subcommitte & Working Group on Constr. of Overhead Lines of T&D)* [New York, NY, USA: IEEE 1993] 60724 (introductory abstract), 75422, 77085–6, 78042, 78111–2, 78137–56, 78168–73, 78741, 78757–8
Transmission electron energy loss spectrometry in materials science; New Orleans, LA, USA, 17 Feb. 1991, *(TMS) M.M.Disko, C.C.Ahn, B.Fultz (editor/s),* [Warrendale, PA, USA: TMS - Miner. Metals & Mater. Soc. 1992] 48536 (introductory abstract)
Transparent optical networks; London, UK, 22 April 1994, *(IEE)* [London, UK: IEE 1994] 54351 (introductory abstract), 57958, 58435–41
Transportation electronics; Dearborn, MI, USA, 19-21 Oct. 1992, [Warrendale, PA, USA: SAE 1992] 60740 (introductory abstract), 75267–9, 75684, 78932–5, 78945–62, 78968–87
Tropospheric profiling: needs and technologies; Boulder, CO, USA, 10-13 Sept. 1991, [Feb. 1994] 79123 (introductory abstract)
Trospheric profiling; Hamburg, Germany, 30 Aug.-2 Sept. 1994, *(Max-Planck-Gesellschaft zur Forderung der Wissenschaften; Nat. Center for Atmos. Res.;*

et al) [Hamburg, Germany: Max-Planck-Inst. Meteorolgie 1994] 90730 (introductory abstract)

Tunable diode laser spectroscopy, lidar and dial techniques for environmental and industrial measurements; Atlanta, GA, USA, 11-14 Oct. 1993, *(SPIE)* [1994] 69350 (introductory abstract)

Ultrafast phenomena in semiconductors; Los Angeles, CA, USA, 27-28 Jan. 1994, *(SPIE)* [1994] 90704 (introductory abstract)

Ultrashort wavelength lasers; San Diego, CA, USA, 12-13 July 1993, *(SPIE)* [1994] 48521 (introductory abstract), 50719−20, 50729−42, 50986

Ultrasonic electronics; Yokohama, Japan, 7-9 Dec. 1993, [May 1994] 70200, 71599, 71858−9, 71884, 71886−9, 71901−11, 71915−9, 72188, 72318, 72410, 72490, 76243, 76912, 76930−2, 76953, 77273, 77728, 77732, 77735−6, 77740−1, 77743−6, 77752−4, 77757, 78683

Ultrasonics; Baltimore, MD, USA, 31 Oct.-3 Nov. 1993, *(Ultrasonics Ferroelectric & Frequency Control Soc) M.Levy, B.R.McAvoy (editor/s),* [New York, NY, USA: IEEE 1993] 79113 (introductory abstract), 91659−61, 92346−8, 92485, 92979, 93104, 93125, 93733−42, 93764¬5, 93780−1, 93789−90, 93792, 93812−34, 93837−52, 93854−7, 93870, 93877, 94062, 94167, 94216−9, 95069, 95450−1, 96878, 96897, 96966−7, 97070−1, 97445, 97919, 98130−1, 98322−3, 98348, 98376, 98769−91, 98925, 98934−40, 99116, 99310−7, 99320−30, 99335−46, 99357−69, 99372−3, 100176−7

UMPTS and UPT; London, UK, 15 June 1994, *(IEE)* [London, UK: IEE 1994] 79086 (introductory abstract), 86118−22

University government industry microelectronics; Research Triangle Park, NC, USA, 18-19 May 1993, *(IEEE; SRC; SEMATECH; North Carolina State Univ)* [New York, NY, USA: IEEE 1993] 54342 (introductory abstract), 54343−6, 54384−98, 54410−5, 54478, 54544−6, 55093, 55636, 55863, 56001−2, 56031, 56068, 56087−8, 60794−7, 60825, 61349, 62358, 62922, 62973−4, 66116, 66706

Unix security; Santa Clara, CA, USA, 4-6 Oct. 1993, *(USENIX Assoc.; Comput. Emergency Response Team; ACM)* [Berkeley, CA, USA: USENIX Assoc. 1993] 58196−8

Unstable nuclei and particles as probes in physics and chemistry; Saitama, Japan, 31 Aug.-2 Sept. 1992, [May 1994] 71274

URISA '93. vol.3; Atlanta, GA, USA, 25-29 July 1993, [Washington, DC, USA: Urban & Regional Inf. Syst. Assoc. 1993] 58302

USENIX LISA; Monterey, CA, USA, 1-5 Nov. 1993, [Berkeley, CA, USA: USENIX Assoc. 1993] 96564, 96726−30

User interface software; Atlanta, GA, USA, 3-5 Nov. 1993, *(ACM; Bellcore; Microsoft; SunSoft; USWEST Adv. Technol)* [New York, NY, USA: ACM Press 1993] 97700

Vacuum microelectronics; Newport, RI, USA, 12-15 July 1993, *(IEEE; Defense Sci. Office of the Adv. Res. Projects Agency Army Res. Office; Aerospace Res. Dev.; Office of Naval Res., European Office; Honeywell; Amoco Technol.; American Vacuum Soc)* [New York, NY, USA: IEEE 1993] 54319 (introductory abstract)

Very large databases; Vancouver, BC, Canada, 23-27 Aug. 1992, *(IEEE; ACM; VLDB Endowment; Canadian Informat. Processing Soc.; et al)* [San Mateo, CA, USA: Morgan Kaufmann 1992] 58153−4

VHDL international users forum; Oakland, CA, USA, 1-4 May 1994, *(VHDL Int.; ACM SIGDA; IEEE Comput. Soc.; IFIP; Irvine Res. Unit in Comput. Syst. Design; Eur. CAD Standards Iniative)* [Los Alamitos, CA, USA: IEEE Computer. Soc. Press 1994] 55041 (introductory abstract), 55071−8, 55179, 55236, 55311

Videometrics II; Boston, MA, USA, 9-10 Sept. 1993, *(SPIE)* [1993] 69329 (introductory abstract)

Virtual interfaces; Lisbon, Portugal, 18-22 Oct. 1993, [Neuilly sur Seine, France: AGARD 1994] 94737, 97722, 98091, 99060

Virtual world animation; Geneva, Switzerland, 20-22 May 1992, [Tokyo, Japan: Springer-Verlag 1992] 66076

Vision in vehicles; Leiden, Netherlands, 27-29 Aug. 1991, *A.G.Gale, I.D.Brown, C.M.Haslegrave, H.W.Kruysse, S.P.Taylor (editor/s),* [Amsterdam, Netherlands: Elsevier 1993] 90711 (introductory abstract), 90901, 98735, 98739−49, 98889, 100913

Visual behaviors; Seattle, WA, USA, 19 June 1994, *(Int. Assoc. Pattern Recognition (IAPR))* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 64892−3

Visualization '94; Washington, DC, USA, 17-21 Oct. 1994, *(IEEE Comput. Soc. Tech. Committee on Comput. Graphics; ACM/SIGGRAPH)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 95833

Visualization and machine vision; Seattle, WA, USA, 24 June 1994, *(IEEE Comput. Soc. Tech. Committee on Pattern Analysis & Machine Intelligence; IEEE Comput. Soc. Tech. Committee on Comput. Graphics)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 74416−7

VLSI circuits; Honolulu, HI, USA, 9-11 June 1994, *(IEEE Solid State Circuits Council; Japan Soc. Appl. Phys.; IEICE of Japan)* [New York, NY, USA: IEEE 1994] 60771 (introductory abstract), 69578−9, 70312−3, 70315−6, 70328−30, 70342, 70345, 70424−31, 70449−53, 70523−43, 70547−67, 70621−5, 70666−7, 70700−9, 70711−3, 70715−6, 70732, 70766, 70772, 70774−5, 70782, 70785−6, 71763, 71767, 71811−3, 71832, 74516−7, 74828, 75086, 75134, 75156, 75301, 75304, 75375, 75483−5, 76140, 77072, 80254, 80322−3, 80363−4, 80499, 80529

VLSI technology; Kyoto, Japan, 17-19 May 1993, *(Japan Soc. Applied Phys.; IEEE Electron Devices Soc)* [Tokyo, Japan: Bus. Center for Acad. Soc. Japan 1993] 60743 (introductory abstract), 69548, 70154, 70293, 70397, 70407, 70423, 70482−91, 70496−522, 70593, 70619−20, 71356−7, 71374−83, 71400−2, 71420−2, 71427−36, 71438, 71450−3, 71540−1, 71564, 71611−2, 71666−74, 71677−9, 71690−704, 71758−62, 71770−1, 71784−6, 71790−1, 71796−807, 71817−21, 71826−31, 71833, 71836, 71890, 71898

VLSI test symposium; Cherry Hill, NJ, USA, 25-28 April 1994, *(IEEE)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1994] 48569 (introductory abstract), 48659−60, 48704−5, 48720, 49194, 49232−4, 49366−408, 49442−8, 49500−1, 49508, 49520, 49541−2, 49566, 49581−2, 50071−2

Wafer scale integration; San Francisco, CA, USA, 19-21 Jan. 1994, *(IEEE)* [New York, NY, USA: IEEE 1994] 49456−9, 49726, 51172

Wavelet applications; Orlando, FL, USA, 5-8 April 1994, *(SPIE)* [1994] 54277 (introductory abstract), 54653−4, 54807−8, 55313, 55359−60, 56917, 57123, 57336, 57382, 57432−3, 57579−606, 57825−51, 58272, 58298, 58469−75, 58608, 58654, 58965, 58984, 59247, 59372, 59392−3, 59576, 59702

Winter simulation; Los Angeles, CA, USA, 12-15 Dec. 1993, *(ASA; ACM/SIGSIM; IEEE Comput. Soc.; IEEE Syst. Man & Cybernetics Soc.; IIE; NIST; ORSA; TIMS/CS; SCS)* [New York, NY, USA: IEEE 1993] 69534−6, 69543, 69552, 69574, 69680, 69695, 69705, 69770, 71267, 71548, 74677−8, 74817, 74823, 74847, 74880, 74882, 74978, 75008, 75105, 75189, 75368, 77775, 77800−1, 77998, 78420

Wireless personal communications; Blacksburg, VA, USA, 1-3 June 1994, *(Virginia Polytech. Inst. & State Univ.; Mobile & Portable Radio Res. Group; Div. Continuing Educ.; IEEE; et al)* [Blacksburg, VA, USA: Virginia Tech 1994] 60749 (introductory abstract), 64151−2, 65370−1, 65579−81, 65665−75

Words, languages and combinatorics; Kyoto, Japan, 25-28 Aug. 1992, *(Kyoto Sangyo Univ)* [7 Nov. 1994] 91301, 95170

Workstation operating systems; Napa, CA, USA, 14-15 Oct. 1993, *(IEEE Comput. Soc. Tech. Committee Oper. Syst. & Appl. Environ)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1993] 96247, 96491, 96720−2

X-ray and inner-shell processes; Debrecen, Hungary, 12-16 July 1993, *(City of Debrecen; County Hajdu-Bihar; EPS; Hungarian Acad. Sci.; IUPAP; et al)* [April 1994] 53362, 53398

X-ray detector physics and applications; San Diego, CA, USA, 13-14 July 1993, *(SPIE)* [1993] 54305 (introductory abstract), 55020−2, 56544, 58637, 58843, 59226−43, 59344−6

Z user workshop; London, UK, 14-15 Dec. 1992, [Berlin, Germany: Springer-Verlag 1993] 52105

CORPORATE AUTHOR INDEX

This is an index to those items where a corporate organisation rather than an individual person is the agent primarily responsible for the publication. Such publications typically include reports of industrial firms or of government departments or research establishments.

APM Bulk Power Indices Task Force Sub-Taskforce on Future Needs, USA
Bulk power system reliability criteria and indices—trends and future needs. 59879

APM Task Force on Protection Systems Reliability, USA
Effect of protection systems on bulk power reliability evaluation. 59679

Asita Srl, Faenza, Italy
The Seaward testing unit for electrical systems. 86986

CLEO Collaboration, Cornell Univ., Ithaca, NY, USA
Luminosity measurement with the CLEO II detector. 67248

CLIC Study Group, CERN, Geneva, Switzerland
The CERN linear collider. 66790

Collab., France
Development of silicon micropattern pixel detectors. 88019

Dept. of Appl. Phys., Twente Univ., Enschede, Netherlands
Quasiparticle-injection effect in $YBa_2Cu_3O_x$-based planar structures. 50408

External Network Modeling Task Force, USA
External network modeling—recent practical experience. 59766

g-2 Collaboration, Brookhaven Nat. Lab., Upton, NY, USA
The g-2 storage ring superconducting magnet system. 87786

Gran Sasso Labs., LVD Collaboration, L'Aquila, Italy
Multiple muon events observed in the LVD experiment. 59154

Gran Sasso Labs., MACRO Collaboration, L'Aquila, Italy
Muon astrophysics with the MACRO detector. 59176

H1 Collaboration HERA, DESY, Hamburg, Germany
Electron/pion separation with the H1 LAr calorimeters. 76787

IEEE Special Stability Controls Working Group, USA
Static VAr compensator models for power flow and dynamic performance simulation. 59767

IEEE Task Force on Open Systems, USA
Benefits, problems, and issues in open systems architectures. 59764

IMSTT Collaboration, Fermi Nat. Accel. Lab., Batavia, IL, USA
Neutrino tomography. 76812

Inf. Ind. Assoc., Washington, DC, USA
Telecommunications infrastructure objectives and implementation principles. 65105

Inst. Electr. & Electron. Eng., New York, NY, USA
American National Standard for test switches for transformer-rated meters, ANSI C12.9-1993. 68324
American National Standard guide for electrostatic discharge test methodologies and criteria for electronic equipment, ANSI C63.16-1993. 94734
American National Standard letter symbols for units of measurement (SI units, customary inch-pound units, and certain other units), ANSI/IEEE Std 260.1-1993. 97757
American National Standard performance specifications for health physics instrumentation - portable instrumentation for use in normal environmental conditions, ANSI N42.17A-1989. 53481
American National Standard requirement for Watthour meter sockets, ANSI C12.7-1993. 68325
Conformance test methodology for IEEE standards for Local and Metropolitan Area Networks: supplement to Carrier Sense Multiple Access with Collision Detection (CSMA/CD) access method and physical layer specifications: type 10BASE-T Medium Attachment Unit (MAU) conformance test methodology (section 6), IEEE Std 1802.3d-1993. 96681
IEEE ABBET trial-use standard for a broad-based environment for test (ABBET). Overview and architecture, IEEE Std 1226-1993. 90936
IEEE application guide for shunt reactor switching, IEEE Std C37.015-1993. 100400
IEEE guide for gas-insulated substations, IEEE Std C37.122.1-1993. 100416
IEEE guide for generator ground protection, IEEE Std C37.101-1993. 100106
IEEE guide for installation methods for generating station cables, IEEE Std 1185-1994. 99808
IEEE guide for moisture measurement and control in SF_6 gas-insulated equipment, IEEE Std 1125-1993. 100399
IEEE guide for selecting and testing jackets for underground cables, IEEE Std 532-1993. 68241
IEEE guide for the application of neutral grounding in electrical utility systems, part III - generator auxiliary systems, IEEE Std C62.92.3-1993. 99809
IEEE guide to grounding during the installation of overhead transmission line conductors. Supplement to IEEE guide to the installation of overhead transmission line conductors, IEEE Std 524a-1993. 99729
IEEE recommended practice for electric power distribution for industrial plants, IEEE Std 141-1993. 99674
IEEE recommended practice for futurebus+, IEEE Std 896.3-1993. 96715
IEEE standard construction of composite fiber optic overhead ground wire (OPGW) for use on electric utility power lines, IEEE Std 1138-1994. 99728
IEEE standard criteria for digital computers in safety systems of nuclear power generating stations, IEEE Std 7-4.3.2-1993. 68366
IEEE standard for cable joints for use with extruded dielectric cable rated 5000-138 000 V and cable joints for use with laminated dielectric cable rated 2500-500 000 V, IEEE Std 404-1993. 99710
IEEE standard for electrical safety practices in electrolytic cell line working zones, IEEE Std 463-1993. 100970
IEEE standard for gas-insulated substations, IEEE Std C37.122-1993. 100417
IEEE standard for inertial sensor terminology, IEEE Std 528-1994. 99094
IEEE standard for metal-clad and station type cubicle switchgear, IEEE Std C37.20.2-1993. 100398
IEEE standard for metal-enclosed low-voltage power circuit breaker switchgear, IEEE Std C37.20.1-1993. 100397
IEEE standard for metal-oxide surge arresters for alternating current power circuits, IEEE Std C62.11-1993. 99775
IEEE standard for military module, format E form factor, IEEE Std 1101.4-1993. 99389
IEEE standard for petroleum and chemical industry -severe duty Totally Enclosed Fan-Cooled (TEFC) squirrel cage induction motors - up to and including 500 hp, IEEE Std 841-1994. 100142
IEEE standard for qualifying continuous duty class 1E motors for nuclear power generating stations, IEEE Std 334-1994. 99863
IEEE standard for series capacitor in power systems, IEEE Std 824-1994. 99458
IEEE standard methods for measuring transmission performance of telephone handsets and headsets, IEEE Std 1206-1994. 96884
IEEE standard procedures for the measurement of electric and magnetic fields from Video Display Terminals (VDTs) from 5 Hz to 400 kHz, IEEE Std 1140-1994. 98183
IEEE standard requirements for instrument transformers, IEEE Std C57.13-1993. 68326
IEEE standards collection. Distribution, power and regulating transformers. 1994 edition, (unnumbered). 100200
IEEE standards collection. Roadway lighting equipment (C136). 1994 edition, (unnumbered). 100933
IEEE standards collection. Transmission line construction. 1994 edition, (unnumbered). 99730
IEEE standards collections. Power capacitors. 1994 edition, (unnumbered). 100431
IEEE standards for Local and Metropolitan Area Networks: supplements of Distributed Queue Dual Bus (DQDB) access method and physical layer specifications. Physical Layer Convergence Procedure (PLCP) for DS1-based systems (clause 12) and Isochronous service on a Distributed Queue Dual Bus (DQDB) subnetwork of a Metropolitan Area Network (MAN), IEEE Std 802.6c-1993 & IEEE Std 802.6h-1993. 58190
IEEE standards for Local and Metropolitan Area Networks: supplements to Standard for Interoperable LAN/MAN Security (SILS). Secure Data Exchange (SDE) sublayer management (subclause 2.8) and recommended practice for SDE on Ethernet V2.0 in IEEE 802 LANs (annex 2H), IEEE Std 802.10e-1993 & IEEE Std 802.10f-1993. 96714
Information technology - telecommunications and information exchange between systems - local and metropolitan area networks - specific requirements - Part 6: Distributed queue dual bus (DQDB) access method and physical layer specifications, ISO/IEC 8802-6:1994; ANSI/IEEE Std 802.6, 1994 Edition. 58127
Information technology - telecommunications and information exchange between systems - local and metropolitan area networks - common specifications - part 4: system load protocol, ISO/IEC 15802-4:1994; ANSI/IEEE Std 802.1E, 1994 Ed.. 96680
Information technology - telecommunications and information exchange between systems - local and metropolitan area networks - technical reports and guidelines -Part 4: token ring access method and physical layer specifications - fibre optic station attachment, ISO/IEC TR 11802-4: 1994 (E); IEEE Std 802.5j-1993. 96682
Preprint proposals for revision of the 1993 edition National Electrical Safety Code for the 1997 edition, (unnumbered). 90879

KLOE Collaboration, Dipartimento di Scienze Fische, Napoli Univ., Italy
Trigger project for the KLOE experiment at Frascati Φ-factory (DAΦNE). 53352

L3 Collaboration, CERN, Geneva, Switzerland
Test beam results from the prototype L3 silicon microvertex detector. 76789

NA50 Collaboration, CERN, Geneva, Switzerland
Dimuon study with lead beams at CERN the NA50 experiment. 98643

Power System Restoration Working Group, USA
An approach to standing phase angle reduction. 59783
Special consideration in power system restoration. The second working group report. 59717

RD19 Collaboration, CERN, Geneva, Switzerland
First operation of a 72 k element hybrid silicon micropattern pixel detector array. 98506

RD2 Collaboration, CERN, Geneva, Switzerland
APC3—a charge sampling, storage and readout chip for silicon detector readout. 88249

RD8 Collaboration, CERN, Geneva, Switzerland
LEC SI-GaAs detectors for gamma rays. 88036

Rome Univ., BPRS Collaboration, Rome, Italy
Status report on dark matter search with low activity scintillators. 59150

SAMAR, Zivido, Italy
Automatic data acquisition equipment for didactic use. 66138

SEG Subcommittee on Field Tape Standards, USA
Digital field tape format standards—SEG-D, Revision 1. 88751

The Forward RICH Collaboration CERN, Geneva, Switzerland
Performance of the forward RICH detector system at Delphi. 59126

Univ. Paris-sud, NEMO Collaboration, Paris, France
NEMO experiment on double beta decay of ^{100}Mo. Present status and future. 59160

Varta Batterie AG, Hanover, Germany
Developments in batteries: the future of the NiMH cell. 60421

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The ZEUS experiment at HERA. 59173

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01 Reseaux DEP Groupe Tests, 26 rue d'Oradour-sur-Glane, 75504 Paris Cedex 15, France.

73 Amat. Radio Today (USA)
73 Amateur Radio Today Wayne Green Inc., 70 Route 202N, Peterborough, NH 03458, USA.

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AAVSO Circular 25 Birch Street, Cambridge, MA 02138, USA.

AAVSO Rep. (USA)
AAVSO Report American Association of Variable Star Observers, 25 Birch Street, Cambridge, MA 02138, USA.

ABA Bank. J. (USA)
ABA Banking Journal American Bankers Association, 345 Hudson Street, New York, NY 10014-4502, USA.

ABB Rev. (Switzerland)
ABB Review ABB Corporate Communications Ltd., Rutistrasse 6, CH-5401 Baden, Switzerland.
Formed by merger of ASEA Journal and Brown Boveri Review

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ABI-Technik Karlheinz Holz, Aarstrasse 24, 65195 Wiesbaden, Postfach 33 29, Germany.

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ABU Technical Review Asia-Pacific Broadcasting Union, Technical Centre, Pantai, 59700 Kuala Lumpur, Malaysia.

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Academic Reports, Faculty of Engineering, Tokyo Institute of Polytechnics 1583 Iiyama, Atsugi-shi, Kanagawa 243-02, Japan.

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Academie Serbe des Sciences et des Arts, Glas, Classe des Sciences Techniques 11000 Beograd, Knez Mihailova 35, Serbia.

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Adaptive Behavior MIT Press Journals, 55 Hayward Street, Cambridge, MA 02142, USA.

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Administrative Management Automated Office Ltd., 1123 Broadway, New York, NY 10010, USA.
Incorporates Information Management and Word Processing and Information Systems. This journal was also covered under the title of Administrative Management from vol.43, no.6, June 1982 to vol.43, no.12, Dec. 1982

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Advances in Applied Clifford Algebras Editorial address: Div. de Ciencias Basicas, Facultad de Quimica and Facultad de Estudios Superiores-Cuautitlan, Universidad Nacional Autonoma de Mexico, Apartado 70-528, 04510 Mexico D.F, Mexico.

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Aktuelle Radiol. (Germany)
Aktuelle Radiologie Georg Thieme Verlag, Rudigerstrasse 14, W-7000 Stuttgart 30, Germany.

Akust. Zh. (Russia)
Akusticheskii Zhurnal [English translation in: *Acoust. Phys. (Russia)*] MAIK Nauka. Editorial address: 117036 Moskva, Ul. Shvernika 4, Russia.
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Alarm Association of Electrical Engineers and Technicians of Croatia, Committee of Technical Security, Zagreb, Berislaviceva 6, Croatia.

Alexandria (UK)
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Alfaatih Univ. Bull. Fac. Eng. (Libya)
Alfaatih University Bulletin of the Faculty of Engineering P.O. Box 1098, Tripoli, Libya.

Algorithmica (Germany)
Algorithmica Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

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ALLC Journal Association for Literary and Linguistic Computing. Editorial address: Dr. Rex Last, Department of German, University of Hull, Hull HU6 7RX, UK.

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Allianz Report Allianz Versicherungs-AG, Koniginstrasse 28, Postfach 44 01 24, D-80790 Munchen, Germany.

Am. Ceram. Soc. Bull. (USA)
American Ceramic Society Bulletin 735 Ceramic Place, Westerville, OH 43081-8720, USA.

Am. J. EEG Technol. (USA)
American Journal of EEG Technology American Society of Electroneurodiagnostic Technologists Inc., 204 West 7th Street, Carroll, IA 51401, USA.

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American Journal of Mathematical and Management Sciences American Sciences Press Inc., 20 Cross Road, Syracuse, NY 13224, USA.

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American Journal of Science Kline Geology Laboratory, Yale University, Box 208 109, New Haven, CT 06520-8109, USA.

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American Mineralogist Mineralogical Society of America, Department of Geological Sciences, University of Colorado, Boulder, CO 80309-0250, USA.

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American Scientist Sigma Xi, The Scientific Research Society, P.O.Box 13975, Research Triangle Park, NC 27709, USA.

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AMSE Transactions AMSE Press, 16 Avenue de Grange Blanche, 69160 Tassin-la-Demi-Lune, France.

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Anales de Fisica Facultades de Fisica y Quimica, Ciudad Universitaria, 28040 Madrid, Spain.
From Jan.-April 1981 to Jan.-Dec. 1991 published in two parts: Anales de Fisica, Serie A (Fenomenos e Interacciones) and Anales de Fisica, Serie B (Aplicaciones, Metodos e Instrumentos)

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Analytical Chemistry American Chemical Society, 1155 Sixteenth Street N.W., Washington, DC 20036, USA.

Anal. Instrum. (USA)
Analytical Instrumentation [Title changed to: *Instrum. Sci. Technol. (USA)*]

Analele Stiint. Univ. 'Al.I. Cuza' Iasi (Ser. Noua) IB Fiz. (Romania)
Analele Stiintifice ale Universitatu 'Al.I. Cuza' din Iasi (Serie Noua) Sectiunea IB Fizica Calea 23 August, Iasi, Romania.

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Analele Universitatii Bucuresti, Fizica Biblioteca Centrala Universitara, Serviciul Schimb de Publicatii, Bucuresti, Str. Onesti 1, Romania.
Not covered between 1974 and 1977

Analele Univ. Bucur. Ser. Mat. (Romania)
Analele Universitatii Bucuresti, Seria Matematica Biblioteca Centrala Universitara, Serviciul Schimb de Publicatii, Bucuresti, Str. Onesti 1, Romania.

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Analog Dialogue P.O. Box 280, Norwood, MA 02062, USA.

Analog Integr. Circuits Signal Process. (Netherlands)
Analog Integrated Circuits and Signal Processing Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Andrew Seybold's Outlook Prof. Comput. (USA)
Andrew Seybold's Outlook on Professional Computing Pinecrest Press Inc., P.O.Box 917, Brookdale, CA 95007, USA.

Ann. Acad. Sci. Fenn. AI, Math. (Finland)
Annales Academiae Scientiarum Fennicae, Series AI (Mathematica) Rauhakatu 15 B, 00170 Helsinki 17, Finland.

Ann. Acad. Sci. Fenn. AII, Chem. (Finland)
Annales Academiae Scientiarum Fennicae, Series AII (Chemica) Rauhakatu 15 B, 00170 Helsinki 17, Finland.

Ann. Acad. Sci. Fenn. AVI, Phys. (Finland)
Annales Academiae Scientiarum Fennicae, Series AVI (Physica) Rauhakatu 15 B, 00170 Helsinki 17, Finland.

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Annales de Chimie (Science des Materiaux) Masson Editeur, 120 Boulevard St. Germain, F-75280 Paris, France.

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Ann. Fr. Microtech. Chronom. (France)
Annales Francaises des Microtechniques et de Chronometrie Societe Francaise des Microtechniques et de Chronometrie, 41 bis Avenue de l'Observatoire, F 25044 Besancon Cedex, France.

Ann. Geofis. (Italy)
Annali di Geofisica Editrice Compositori, Via Stalingrado 97, 40128 Bologna, Italy.

Ann. Geophys. (Germany)
Annales Geophysicae Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

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Annals of Glaciology International Glaciological Society, Cambridge CB2 1ER, UK.

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Annales de l'Institut Henri Poincare Physique Theorique Gauthier-Villars, C.D.R., Centrale des Revues, 11 rue Gossin, 92543 Montrouge Cedex, France.

Ann. Isr. Phys. Soc. (Israel)
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Annals of Mathematics and Artificial Intelligence J.C. Baltzer AG Scientific Publishing Co., Wettsteinplatz 10, CH-4058 Basel, Switzerland.

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Annals of Nuclear Energy Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

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Annals of Operations Research J.C. Baltzer AG Scientific Publishing Co., Wettsteinplatz 10, CH-4058 Basel, Switzerland.

Ann. Phys. (France)
Annales de Physique Les Editions de Physique, Z.I. de Courtaboeuf, B.P. 112, F-91944 Les Ulis Cedex, France.

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Annalen der Physik Barth Verlagsgesellschaft mbH, Prager Strasse 16, D-04103 Leipzig, Germany.

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Annals of Physics Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887, USA.

Ann. Pure Appl. Log. (Netherlands)
Annals of Pure and Applied Logic Elsevier Science Publishers B.V. (North-Holland), P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.

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Annals of Science Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, UK.

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Annales des Telecommunications Centre National d'Etudes des Telecommunications, BP 85, F 92130 Issy-les-Moulineaux, France.

Ann. Univ. Turku. AI, Astron. - Chem. - Phys. - Math. (Finland)
Annales Universitatis Turkuensis, Ser AI (Astronomica - Chemica - Physica - Mathematica) Turun Yliopisto, Turku, Finland.

Annu. Proc. Assoc. Sci. Tech. Soc. South Afr. (South Africa)
Annual Proceedings of the Associated Scientific and Technical Societies of South Africa Kelvin House, 2 Hollard Street, Johannesburg, South Africa.

Annu. Rep. Eng. Res. Inst. Fac. Eng. Univ. Tokyo (Japan)
Annual Report of the Engineering Research Institute, Faculty of Engineering, University of Tokyo Tokyo, Japan.

Annu. Rep. Inst. Phys. Acad. Sin. (Taiwan)
Annual Report of the Institute of Physics Academia Sinica Institute of Physics, Academia Sinica, Nankang, Taipei, Taiwan, Taiwan.

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Annual Reports of the Research Reactor Institute, Kyoto University Osaka, Japan.

Annu. Univ. Sofia 'St. Kliment Ohridski' Fac. Phys. (Bulgaria)
Annuaire de l'Universite de Sofia 'St. Kliment Ohridski' Faculte de Physique Academie Bulgare des Sciences, Bibliotheque Centrale, 1 rue '7 Noemvri', 1640 Sofia, Bulgaria.

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Anritsu Technical Bulletin Anritsu Electric Co. Ltd., 4-12-20, Minami-Azabu, Minato-ku, Tokyo, Japan.

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Applied Computational Electromagnetics Society Journal Dr Richard Adler, Secretary ACES, Naval Postgraduate School, Code EC/AB, Monterey, CA 93943, USA.

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Applied Energy: Russian Journal of Fuel, Power and Heat Systems [Translation of: *Izv. Ross. Akad. Nauk Energ. (Russia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Appl. Intell., Int. J. Artif. Intell. Neural Netw. Complex Probl.-Solving Technol. (Netherlands)
Applied Intelligence: The International Journal of Artificial Intelligence, Neural Networks, and Complex Problem-Solving Technologies Kluwer Academic Publishers Group, P.O.Box 322, 3300 AA Dordrecht, Netherlands.

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Applied Optics Optical Society of America, 2010 Massachusetts Avenue, N.W., Waashington, DC 20036-1023, USA.

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Applied Physics A (Solids and Surfaces) Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.
Supersedes in part: Applied Physics

Appl. Phys. B, Lasers Opt. (Germany)
Applied Physics B (Lasers and Optics) [Formerly: *Appl. Phys. B, Photophys. Laser Chem. (Germany)*] Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

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Applied Scientific Research Kluwer Academic Publishers Group, P.O.Box 17, 3300 AH Dordrecht, Netherlands.

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Applied Solar Energy [Translation of: *Geliotekhnika (Uzbekistan)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

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Applied Spectroscopy Society for Applied Spectroscopy, 198 Thomas Johnson Drive, Suite S-2, Frederick, MD 21702, USA.

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Applied Surface Science Elsevier Science Publisher B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

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Arab Gulf J. Sci. Res. (Saudi Arabia)
Arab Gulf Journal of Scientific Research Arab Bureau of Education for the Gulf States, P.O.Box 3908, Riyadh 11481, Saudi Arabia.

Arch. Acoust. (Poland)
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Archaeoastronomy (UK)
Archaeoastronomy [Issued with: *J. Hist. Astron. (UK)*]

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Art Reference Services Quarterly Haworth Press Inc., 10 Alice Street, Binghamton, NY 13094, USA.

Artif. Cells Blood Substit. Immobil. Biotechnol. (USA)
Artificial Cells, Blood Substitutes, and Immobilization Biotechnology [Formerly: *Biomater. Artif. Cells Immobil. Biotechnol. (USA)*] Marcel Dekker Inc., P.O.Box 5005, Monticello, New York, NY 12701-5185, USA.

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Artificial Intelligence Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Artif. Intell. Eng. (UK)
Artificial Intelligence in Engineering Elsevier Science Publishers Ltd., Crown House, Linton Road, Barking, Essex IG11 8JU, UK.

Artif. Intell. Med. (Netherlands)
Artificial Intelligence in Medicine Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Artif. Intell. Rev. (Netherlands)
Artificial Intelligence Review Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Ashton-Tate Q. (USA)
Ashton-Tate Quarterly Ashton-Tate Publishing Group, 20101 Hamilton Avenue, Torrance, CA 90502-1319, USA.

Asia Eng. (Hong Kong)
Asia Engineer [Formerly: *Hong Kong Eng. (Hong Kong)*] Henderson & Associates Ltd.,. 1205 Hong Kong Art Centre, 2 Harbour Road, Wanchai, Hong Kong, Hong Kong.

Asia-Pac. Eng. J. A, Electr. Eng. (Singapore)
Asia-Pacific Engineering Journal, Part A (Electrical Engineering) World Scientific Publsihing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

Asia-Pac. J. Oper. Res. (Singapore)
Asia-Pacific Journal of Operational Research Operational Research Society of Singapore, c/o Department of Industrial and Systems Engineering, National University of Singapore, Kent Ridge, Singapore 0511, Singapore.

ASLIB Proc. (UK)
ASLIB Proceedings Information House, 20-24 Old Street, London EC1V 9AP, UK.

Assem. Autom. (UK)
Assembly Automation MCB UNiversity Press Ltd., 62 Toller Lane, Bradford, West Yorks. BD8 9BY, UK.

Astrofiz. Issled.-Izv. Spets. Astrofiz. Obs. (Russia)
Astrofizicheskie Issledovaniya - Izvestiya Spetsial'noi Astrofizicheskoi Observatorii [English translation in: *Bull. Spec. Astrophys. Obs.-North Caucasus (USA)*] 'Nauka', Leningradskoe Otdelenie, 199164 Leningrad V-164, Mendeleevskaya Lin. d. 1, Russia.
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Astrofizika (Armenia)
Astrofizika [English translation in: *Astrophysics (USA)*] Academy of the Armenian SSR, Erevan, Armenia.
INSPEC coverage since vol.14, no.4 is from English translation

Astron. Astrophys. (Germany)
Astronomy and Astrophysics Springer-Verlag, D-14197 Berlin, Heidelberger Platz 3, Germany.

Astron. Astrophys. Rev. (Germany)
Astronomy and Astrophysics Review Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

Astron. Astrophys. Suppl. Ser. (France)
Astronomy & Astrophysics Supplement Series Editions de Physique, 7 Avenue du Hoggar, Z.I. de Courtaboeuf, B.P. 112, 91944 Les Ulis Cedex A, France.

Astron. Astrophys. Trans. (UK)
Astronomical and Astrophysical Transactions Gordon and Breach Science Publishers, c/o STBS Ltd., P.O.Box 90, Reading, Berks. RG1 8JL, UK.

Astron. Circ. (Acad. Sin.) (China)
Astronomical Circulars (Academia Sinica) Academia Sinica, Beijing, China.

Astron. J. (USA)
Astronomical Journal Published for the American Astronomical Society by the American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Astron. Lett. (Russia)
Astronomy Letters [Formerly: *Sov. Astron. Lett. (USA)*; Translation of: *Pis'ma Astron. Zh. (Russia)*] MAIK Nauka/Interperiodica Publishing, Profsoyuznaya Ul. 90, Moscow 117864, Russia.
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Astron. Nachr. (Germany)
Astronomische Nachrichten Akademie-Verlag, Leipziger Strasse 3-4, P.O.Box 1233, O-1086 Berlin, Germany.

Astron. Now (UK)
Astronomy Now Intra Press, Intra House, 193 Uxbridge Road, London W12 9RA, UK.

Astron. Rep. (Russia)
Astronomy Reports [Formerly: *Astron. Rep. (USA)*; Translation of: *Astron. Zh. (Russia)*; English translation in: *Astron. Zh. (Russia)*] MAIK Nauka/Interperiodica Publishing, Profsoyuznaya Ul. 90, Moscow 117864, Russia.

Astron. Rep. (USA)
Astronomy Reports [Title changed to: *Astron. Rep. (Russia)*]

Astron. Vestn. (Russia)
Astronomicheskii Vestnik [English translation in: *Sol. Syst. Res. (USA)*] ab/yasht 918, Moskva, K-9, Russia.
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Astron. Zh. (Russia)
Astronomicheskii Zhurnal [Translation of: *Astron. Rep. (Russia)*; English translation in: *Astron. Rep. (Russia)*] MAIK Nauka. Editorial address: 103717 GSP, Moskva K-62, Podsosenskii Per. 21, Russia.
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Astronomy (USA)
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Astropart. Phys. (Netherlands)
Astroparticle Physics Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

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Astrophysical Journal University of Chicago Press, 5801 Ellis Avenue, Chicago, IL 60637, USA.

Astrophys. J. Lett. (USA)
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Astrophysical Journal Supplement Series University of Chicago Press, 5801 S. Ellis Avenue, Chicago, IL 60637, USA.

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Atomic Data and Nuclear Data Tables Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887, USA.
Formed by merger of Atomic Data and Nuclear Data Tables

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Atomnaya Energiya [English translation in: *At. Energy (USA)*] Akademiya Nauk SSR, Leninskii Prosp. 14, Moskva, Russia.
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Atomic Energy [Translation of: *At. Energ. (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

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Supplement to Nuclear Fusion

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AT&T Technical Journal 600 Mountain Avenue, P.O.Box 636, Murray Hill, NJ 07974-0636, USA.

AT&T Technol. (USA)
AT&T Technology AT&T Bell Laboratories, 101 J.F.Kennedy Parkway, Room 1A-415, Short Hills, NJ 07078, USA.

Atmos. Res. (Netherlands)
Atmospheric Research Elsevier Science Publishers, P.O.Box 211, 1000 AE Amsterdam, Netherlands.

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Atmospheric Technology National Center for Atmospheric Research, Post Office Box 3000, Boulder, CO 80303, USA.

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Atom AEA Technology, 329 Harwell, Oxon. OX11 0RA, UK.

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Atomwirtschaft - Atomtechnik Verlagsgruppe Handelblatt GmbH, Kasernenstrasse 67, D-40213 Dusseldorf, Germany.

Atti Accad. Ligure Sci. Lett. (Italy)
Atti della Accademia Ligure di Scienze e Lettere Palazzo Reale, Via Balbi 10, 16126 Genova, Italy.

Atti Accad. Naz. Lincei Cl. Sci. Fis. Mat. Nat. Rend. Lincei, Mat. Appl. (Italy)
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Atti Accad. Sci. Ist. Bologna Cl. Sci. Fis. Rend. XIII (Italy)
Atti della Accademia delle Scienze dell' Istituto di Bologna, Classe di Scienze Fisiche, Rendiconti, Serie XIII Bologna, Italy.

Atti Fond. Giorgio Ronchi (Italy)
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Atti del Seminario Matematico e Fisico dell' Universita di Modena Modena, Italy.

Atti Soc. Pelorit. Sci. Fis. Math. Nat. (Italy)
Atti della Societa Peloritana di Scienze Fisiche Mathematiche e Naturali Universita di Messina, Messina, Italy.

Audio Vis. (UK)
Audio Visual Maclaren Publishers, P.O.Box 109, Maclaren House, Scarbrook Road, Croydon, Surrey CR9 1QH, UK.

Audiol. Akust. (Germany)
Audiologische Akustik Median Verlag, 6900 Heidelberg 1, P.O.Box 103964, Germany.

Aust. & N.Z. J. Ser. Librariansh. (USA)
Australian and New Zealand Journal of Serials Librarianship Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904-1580, USA.

Aust. & N.Z. Phys. (Australia)
Australian & New Zealand Physicist Published on behalt of the Australian Institute of Physics and the New Zealand Institute of Physics by Impress Studios, 13 Hudson Street, Hamilton, Newcastle, NSW 2303, Australia.

Aust. Comput. J. (Australia)
Australian Computer Journal Australian Computer Society Inc., P.O.Box 319, Darlinghurst, NSW 2010, Australia.

Aust. Comput. Sci. Commun. (Australia)
Australian Computer Science Communications Department of Information Science, University of Tasmania, G.P.O. Box 252C Hobart, Tasmania 7001, Australia.

Aust. Electron. Eng. (Australia)
Australian Electronics Engineering Thomson Publications (Australia) Pty. Ltd., 47 Chippen Street, Chippendale, N.S.W. 2008, Australia.

Aust. J. Audiol. (Australia)
Australian Journal of Audiology Audiological Society of Australia, c/o National Acoustic Laboratories, 126 Greville Street, Chatswood, NSW 2067, Australia.

Aust. J. Geod. Photogramm. Surv. (Australia)
Australian Journal of Geodesy, Photogrammetry and Surveying School of Surveying, University of New South Wales, P.O.Box 1, Kensington, NSW 2033, Australia.

Aust. J. Phys. (Australia)
Australian Journal of Physics CSIRO, 314 Albert Street, East Melbourne, Victoria 3002, Australia.

Aust. J. Phys. Astrophys. Suppl. (Australia)
Australian Journal of Physics, Astrophysical Supplement CSIRO, 314 Albert Street, East Melbourne, Vic. 3002, Australia.

Aust. Libr. Rev. (Australia)
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Aust. Meteorol. Mag. (Australia)
Australian Meteorological Magazine Bureau of Meteorology, GPO Box 1289K, Melbourne, Vic. 3001, Australia.

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Australian Telecommunication Research Telecommunication Society of Australia, Box 4050, G.P.O., Melbourne, Victoria 3001, Australia.

Australas. Phys. Eng. Sci. Med. (Australia)
Australasian Physical & Engineering Sciences in Medicine Editorial address: Dr. A.H. Beddoe, Dept. of Medical Physics, Royal Adelaide Hospital, Adelaide, SA 5000, Australia.

Autom. Constr. (Netherlands)
Automation in Construction Elsevier Science Publishers B.V., P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.

Autom. Control (New Zealand)
Automation and Control Matrix Publishing Ltd., Cnr East & South Streets, Newton, Auckland, New Zealand.

Autom. Control Comput. Sci. (USA)
Automatic Control and Computer Sciences [Translation of: *Avtom. Vychisl. Tekh. (Latvia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Autom. Data Process. Inf. Bull. (Belgium)
Automatic Data Processing Information Bulletin International Social Security Association, Data Processing Consultative Service, Boulevard de l'Empereur 7, B-1000 Brussels, Belgium.

Autom. Doc. Math. Linguist. (USA)
Automatic Documentation and Mathematical Linguistics [Translation of: *Nauchno-Tekh. Inf. 2 (Russia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Autom. Electr. Power Syst. (China)
Automation of Electric Power Systems Automation System Engineering Co., P.O.Box 323, Nanjing, China.

Autom. Energ. Inf. (Italy)
Automazione Energia Informazione Associazione Elettrotecnica ed Elettronica Italiana (AEI), Viale Monza 259, 20126 Milano, Italy.

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Automatica e Instrumentacion CETISA - Compania Espanola de Editoriales Tecnologicas Internacionales S.A., Concepcion Arenal 5-7, 08027 Barcelona, Spain.

Autom. Manuf. Strategy (Netherlands)
Automated Manufacturing Strategy Elsevier Science Publisher BV, P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Autom. Prod. Inform. Ind. (France)
Automatique Productique Informatique Industrielle Editions Hermes, 14 rue Lantiez, 75017 Paris, France.

Autom. Remote Control (USA)
Automation and Remote Control [Translation of: *Avtom. Telemekh. (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Autom. Strum. (Italy)
Automazione e Strumentazione Editrice BIAS S.a.s., V. le Premuda 2, 20129 Milano, Italy.

Automatica (UK)
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Autophon Bulletin Autophon AG, Ziegelmattstrasse 1-15, CH-4500 Solothurn, Switzerland.

Avh. Nor. Vidensk.-Akad. Oslo I, Mat.-Nat.vidensk. Kl. (Norway)
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Avtom. Telemekh. (Russia)
Avtomatika i Telemekhanika [English translation in: *Autom. Remote Control (USA)*] Akademiya Nauk SSSR, Leninskii Prosp. 14, Moskva, Russia.
INSPEC coverage is from English translation

Avtom. Vychisl. Tekh. (Latvia)
Avtomatika i Vychislitel'naya Tekhnika [English translation in: *Autom. Control Comput. Sci. (USA)*] Academy of Sciences of Latvian SSR, Riga, Latvia.
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Axis (UK)
Axis [Formerly: *Univ. Comput. (UK)*] Published for Universities and Colleges Information Systems Association by Whurr Publishers Ltd., 19B Compton Terrace, London N1 2UN, UK.

Bad. Oper. Decyzje (Poland)
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Bangladesh J. Sci. Ind. Res. (Bangladesh)
Bangladesh Journal of Scientific and Industrial Research Bangladesh Council of Scientific and Industrial Research, Dhaka, Bangladesh.

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Bank Management Bank Administration Institute, One North Franklin Street, Chicago, IL 60606, USA.

Bank Mark. (USA)
Bank Marketing Bank Marketing Association, 309 West Washington Street, Chicago, IL 60606, USA.

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Bank Systems + Technology Miller Freeman Inc., 600 Harrison Street, San Francisco, CA 94107, USA.

Bank. Technol. (UK)
Banking Technology Banking Technology Ltd., 57-61 Mortimer Street, London W1N 7TD, UK.

Bank. World (UK)
Banking World Chartered Institute of Bankers, 10 Lombard Street, London EC3V 9AS, UK.
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BBC Acorn User (UK)
BBC Acorn User [Title changed to: *Acorn User (UK)*]

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Beck Isoliertechnik Beck Elektro-Isoliersysteme, 200 Hamburg 28, Postfach 280 180, Grossmannstrasse 105, Germany.

Behav. Brain Sci. (UK)
Behavioral and Brain Sciences Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 2RU, UK.

Behav. Inf. Technol. (UK)
Behaviour and Information Technology Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, UK.

Behav. Res. Methods Instrum. Comput. (USA)
Behavior Research Methods, Instruments, & Computers Psychonomic Society Inc., 1710 Fortview Road, Austin, TX 78704, USA.

Behav. Sci. (USA)
Behavioral Science Systems Science Publications, P.O.Box 26519, San Diego, CA 92196, USA.

Behav. Soc. Sci. Libr. (USA)
Behavioral & Social Sciences Librarian Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904-1580, USA.

Belgelectro-Export (Belgium)
Belgelectro-Export 21 rue des Drapiers, 1050 Bruxelles, Belgium.

Ber. Bunsenges. Phys. Chem. (Germany)
Berichte der Bunsengesellschaft fur Physikalische Chemie VCH Verlagsgesellschaft mbH, Postfach 10 11 61, D-69451 Weinheim, Germany.

Beskontaktn. Elektr. Mash. (Latvia)
Beskontaktnye Elektricheskie Mashiny Izdatel'stvo 'Zinatne', Riga, Latvia.

Best Bus. Int. (UK)
Best of Business International Whittle Communications International (UK) Ltd., 24 Conway Street, London W1P 5HP, UK.

Best's Rev. - Life/Health Insur. Ed. (USA)
Best's Review - Life/Health Insurance Edition A.M. Best Co. Inc., Ambest Road, Oldwick, NJ 08858, USA.

Best's Rev. - Prop./Casualty Insur. Ed. (USA)
Best's Review - Property/Casualty Insurance Edition A.M. Best Co. Inc., Ambest Road, Oldwick, NJ 08858, USA.

Bezpec. Jad. Energ. (Czech Republic)
Bezpecnost Jaderne Energie Nuclear Information Centre Zbraslav J.S.C., Uranova 379, CS 156 16 Praha 5 - Zbraslav, Czech Republic.

BHEL J. (India)
BHEL Journal Bharat Heavy Electricals Ltd., BHEL House, Siri Fort, New Delhi, 110049, India.

BICA (UK)
BICA Editorial address: Prof. J. Davis, CSAC, Eliot College, The University, Canterbury, Kent CT2 7NS, UK.

Biochem. Eng. J. (Switzerland)
Biochemical Engineering Journal [Issued with: *Chem. Eng. J. (Switzerland)*]

Bioelectromagnetics (USA)
Bioelectromagnetics Wiley-Liss Inc., 605 Third Avenue, New York, NY 10158-0012, USA.

Biofeedback Self-Regul. (USA)
Biofeedback and Self-Regulation Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

Biofizika (Russia)
Biofizika [English translation in: *Biophysics (UK)*] Izdatel'stvo 'Nauka', Moskva, Russia.
INSPEC coverage is from English translation

Bioimaging (UK)
Bioimaging IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Biol. Cybern. (Germany)
Biological Cybernetics Springer-Verlag, D-14197 Berlin, Heidelberger Platz 3, Germany.

Biomater. Artif. Cells Immobil. Biotechnol. (USA)
Biomaterials, Artificial Cells, and Immobilization Biotechnology [Title changed to: *Artif. Cells Blood Substit. Immobil. Biotechnol. (USA)*]

Biomaterials (UK)
Biomaterials Butterworth-Heinemann Ltd., Linacre House, Jordan Hill, Oxford OX2 8DP, UK.

Biomed. Eng. Appl. Basis Commun. (Taiwan)
Biomedical Engineering, Applications Basis Communications Biomedical Engineering Society of the Republic of China, Department of Biomedical Engineering at National Taiwan University Hospital, and Center for Biomedical Engineering in College of Medicine at National Taiwan University, Taiwan.

Biomed. Instrum. Technol. (USA)
Biomedical Instrumentation & Technology Hanley & Belfus Inc., 210 S. 13th Street, Philadelphia, PA 19107, USA.

Biomed. Tech. (Germany)
Biomedizinische Technik Fachverlag Schiele & Schon GmbH, W-1000 Berlin 61, Markgrafenstrasse 11, Germany.

Biomimetics (USA)
Biomimetics Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

Bionika (Ukraine)
Bionika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, Ukraine.

Biophys. J. (USA)
Biophysical Journal Biphysical Society, 9650 Rockville Pike, Room L-0512, Bethesda, MD 20814-3998, USA.

Biophysics (UK)
Biophysics [Translation of: *Biofizika (Russia)*] Elsevier Science Ltd., The Boulevard, Langford Lane, Kidllington, Oxford OX5 1GB, UK.

Biorheology (UK)
Biorheology Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Biosens. Bioelectron. (UK)
Biosensors & Bioelectronics Elsevier Science Publishers Ltd., Crown House, Linton Road, Barking, Essex IG11 8JU, UK.

BIT (Denmark)
BIT Postbox 113, DK-1004 Copenhagen K, Denmark.

Bits Bytes Rev. (USA)
Bits & Bytes Review Bits & Bytes Computer Resources, 623 N. Iowa Avenue, Whitefish, MT 59937, USA.

Bol. Fac. Ing. Univ. Repub. (Uruguay)
Boletin de la Facultad de Ingeneria Universidad de la Republica Av. Julio Herrera y Reissig 565, Montevideo, Uruguay.

Bol. Inst. Tonantzintla (Mexico)
Boletin del Instituto de Tonantzintla Instituto Nacional de Astrofisica, Optica y Electronica, Apartados Postales Nos. 216 y 51, Puebla, Pue, Mexico.

Boll. Geofis. Teor. Appl. (Italy)
Bollettino di Geofisica Teorica ed Applicada Osservatorio Geofisico Sperimentale, 34123 Trieste, Italy.

Boll. Oceanol. Teor. Appl. (Italy)
Bollettino di Oceanologia Teorica ed Applicata Osservatorio Geofisico Sperimentale, C.P. 2011, 34016 Opicina (Trieste), Italy.

Boole Mag. (Belgium)
Boole Magazine Boole and Babbage Europe, Marketing Division, Excelsiorlaan 40, B-1930 Zaventem, Belgium.

Bosch Tech. Ber. (Germany)
Bosch Technische Berichte Robert Bosch GmbH, Abt. FSD, Postfach 10 60 50, W-7000 Stuttgart 10, Germany.
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Bound.-Layer Meteorol. (Netherlands)
Boundary-Layer Meteorology Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Br. Astron. Assoc. Circ. (UK)
British Astronomical Association Circular Burlington House, Piccadilly, London W1V 9AG, UK.

Br. Astron. Assoc., Var. Star Sect. Circ. (UK)
British Astronomical Association: Variable Star Section Circulars Burlington House, Piccadilly, London W1V 9AG, UK.

Br. Ceram. Proc. (UK)
British Ceramic Proceedings Institute of Materials, 1 Carlton House Terrace, London SW1Y 5DB, UK.

Br. Ceram. Trans. (UK)
British Ceramic Transactions Institute of Materials, 1 Carlton House Terrace, London SW1Y 5DB, UK.

Br. Corros. J. (UK)
British Corrosion Journal Metals Society, 1 Carlton House Terrace, London, SW1Y 5DB, UK.

Br. J. Adm. Manage. (UK)
British Journal of Administrative Management Institute of Administrative Management, 40 Chatsworth Parade, Petts Wood, Orpington, Kent BR5 1RW, UK.

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British Journal of Educational Technology Council for Educational Technology for the United Kingdom, 3 Devonshire Street, London W1N 2BA, UK.

Br. J. Healthc. Comput. Inf. Manage. (UK)
British Journal of Healthcare Computing & Information Management H De Glanville, 45 Woodland Grove, Weybridge, Surrey KT13 9EQ, UK.

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British Journal for the History of Science British Society for the History of Science, 47 Belgrave Square, London, SW1 8QX, UK.

Br. J. Non-Destr. Test. (UK)
British Journal of Non-Destructive Testing British Institute of Non-Destructive Testing, 1 Spencer Parade, Northampton NN1 5AA, UK.

Br. J. Philos. Sci. (UK)
British Journal for the Philosophy of Science Cambridge University Press, Bentley House, 200 Euston Road, London, NW1 2DB, UK.

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British Journal of Photography Henry Greenwood & Co. Ltd., 244-249 Temple Chambers, Temple Avenue, London EC4Y 0BP, UK.

Br. J. Radiol. (UK)
British Journal of Radiology British Institute of Radiology, 36 Portland Place, London W1N 4AT, UK.

Br. Telecom J. (UK)
British Telecom Journal Post Office Central Headquarters, 23 Howland Street, London W1P 6HQ, UK.

Br. Telecommun. Eng. (UK)
British Telecommunications Engineering Institution of British Telecommunications Engineers, 2-12 Gresham Street, London EC2V 7AG, UK.

Braz. J. Phys. (Brazil)
Brazilian Journal of Physics Sociedade Brasileira de Fisica, Caixa Postal 20553, 01498 Sao Paulo SP, Brazil.

BT Technol. J. (UK)
BT Technology Journal BT Laboratories, Marlesham Heath, Ipswich, Suffolk IP5 7RE, UK.

B.T.M. Bull. (UK)
B.T.M. Bulletin Professional - Business and Technical Management, 58 Clarendon Avenue, Royal Leamington Spa, Warwicks. CV32 4SA, UK.

Budavox Telecommun. Rev. (Hungary)
Budavox Telecommunication Review Budavox Telecommunication Foreign Trading Co. Ltd., H-1392 Budapest, P.O. Box 267, Hungary.

Build. Serv. Eng. Res. Technol. (UK)
Building Services Engineering Research & Technology Chartered Institution of Building Services, 222 Balham High Road, London SW12 9BS, UK.

Build. Serv. Environ. Eng. (UK)
Building Services & Environmental Engineer Batiste Publications Ltd., Pembroke House, Campsbourne Road, Hornsey, London N8 7PE, UK.

Bul. Inst. Politeh. Iasi I (Romania)
Buletinul Institutului Politehnic din Iasi, Sectia I Iasi, Romania.

Bul. Inst. Politeh. Iasi III, Electroteh. Energ. Electron. (Romania)
Buletinul Institutului Politehnic din Iasi, Sectia III (Electrotehnica, Energetica, Electronica) Insitututului Politehnic din Iasi, Iasi, Romania.

Bul. ISPE (Romania)
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Bul. Stiint. Teh. Inst. Politeh. 'Traian Vuia' Timis. Ser. Chim. (Romania)
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Bul. Stiint. Teh. Inst. Politeh. 'Traian Vuia' Timis. Ser. Electroteh. (Romania)
Buletinul Stiintific si Tehnic al Institutului Politehnic 'Traian Vuia' Timisoara, Seria Electrotehnica Timisoara, Romania.

Bulg. Chem. Commun. (Bulgaria)
Bulgarian Chemical Communications 1040 Sofia, Blck 11 BAN, Office 105, Bulgaria.

Bulg. J. Phys. (Bulgaria)
Bulgarian Journal of Physics Bulgarian Academy of Sciences, Faculty of Physics, 5 Anton Ivanov Blvd., 1126 Sofia, Bulgaria. Incorporates Izvestiya na Fizicheskiya Institut s ANEB and Izvestiya na Instituta po Elektronika

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Bulletin of the Israel Physical Society Israel Physical Society, c/o Hebrew University, Jerusalem, Israel.

Bull. Isr. Soc. Spec. Libr. Inf. Cent. (Israel)
Bulletin Israel Society of Special Libraries and Information Centres [Title changed to: *Inf. Librariansh. (Israel)*]

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Bulletin of Materials Science Indian Academy of Sciences, P.B. No. 8005, Bangalore 560 080, India.

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Bulletin Mathematique Societa de Stiinte Matematice din R. S. Romania, Str. Academiei nr. 14, 70109 Bucuresti, Romania.

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Bulletin of the Scientific Instrument Society Editorial address: Dr. A.A. Mills, Department of Astronomy, University of Leicester, University Road, Leicester LE1 7RH, UK.

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Bulletin of the Seismological Society of America Seismological Society of America, 201 Plaza Professional Building, El Cerrito, CA 94530, USA.

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Bus. Commun. Rev. (USA)
Business Communications Review BCR Enterprises Inc., 950 York Road, Hinsdale, IL 60521-2939, USA.

Bus. Contin. (UK)
Business Continuity Tempus House of Publishers, Fourways House, 57 Hilton Street, Manchester M1 2EJ, UK.

Bus. Equip. Dig. (UK)
Business Equipment Digest IML Group plc, Blair House, High Street, Tonbridge, Kent TN9 1BQ, UK.

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Business Executive ABE Publications, William House, 14 Worple Road, Wimbledon, London SW19 4DD, UK.

Bus. Forms Labels Syst. (USA)
Business Forms, Labels & Systems North American Publishing Co., 401 North Broad Street, Philadelphia, PA 19108, USA.

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Business Horizons School of Business, Indiana University, Bloomington, IN 47405, USA.

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Business Information Review Headland Press, 1 Henry Smith's Terrace, Headland, Cleveland TS24 0PD, UK.

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Business Marketing Crain Communications Inc., 740 Rush Street, Chicago, IL 60611-2590, USA.

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Business and Technical Management Professional Business and Technical Management, 58 Clarendon Avenue, Royal Leamington Spa, Warwicks. CV32 4SA, UK.

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Business Today Systems Market Link Ltd., P.O.Box 303, Wateringbury, Kent ME18 5PX, UK.

Bus. Tokyo (Japan)
Business Tokyo Keizaikai Co. Ltd., Keisaikai Aoyama Office,. 2-13-18 Minami Aoyama, Minato-ku, Tokyo 107, Japan.

BYTE (USA)
BYTE McGraw-Hill, One Phoenix Mill Lane, Peterborough, NH 03458, USA.

C++ Rep. (USA)
C++ Report Sigs Publications Inc., 588 Broadway, New York, NY 10012-5408, USA.

C&L Appl. (UK)
C&L Applications [Title changed to: *T.I.P Appl. (UK)*]

CA Mag. (Canada)
CA Magazine Canadian Institute of Chartered Accountants, 277 Wellington Street West, Toronto, Ont. M5V 3H2, Canada.

CA Mag. (UK)
CA Magazine Institute of Chartered Accountants of Scotland, 27 Queen Street, Edinburgh EH2 1LA, UK.

Cable Telev. Eng. (UK)
Cable Television Engineering Society of Cable Television Engineers, 10 Avenue Road, Dorridge, Solihull, West Midlands B93 8LD, UK.
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CAD/CAM Dig. (UK)
CAD/CAM Digest CAD/CAM Publications Ltd,. Nene House, Town Bridge, London Road, Peterborough PE2 8AH, UK.

Cah. Anal. Donnees (France)
Cahiers de l'Analyse des Donnees C.D.R. Centrale des Revues, 11 rue Gossin, 92543 Montrouge Cedex, France.

Cah. Cent. Etud. Rech. Oper. (Belgium)
Cahiers du Centre d'Etudes de Recherche Operationelle c/o Institut de Statistique de l'U.L.B., C.P. 210, Boulevard du Triomphe, 1050 Bruxelles, Belgium.

Cah. Groupe Fr. Rheol. (France)
Cahiers de Groupe Francais de Rheologie 68, Bd. St-Michel, 75006 Paris, France.

Calcolo (Italy)
Calcolo Giardini Editori e Stampatori, Via S. Bibbiana 28, 56127 Pisa, Italy.

CALICO J. (USA)
CALICO Journal CALICO, Duke University, 014 Language Building, Durham, NC 27706, USA.

CALPHAD, Comput. Coupling Phase Diagr. Thermochem. (UK)
CALPHAD: Computer Coupling of Phase Diagrams and Thermochemistry Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Can. Acoust. (Canada)
Canadian Acoustics Canadian Acoustical Association, P.O.Box 1351, Station 'F', Toronto, Ont. M4Y 2V9, Canada.

Can. Artif. Intell. (Canada)
Canadian Artificial Intelligence Canadian Society for Computational Studies of Intelligence, c/o CIPS, 243 College Street, 5th Floor, Toronto, Ont. M5T 2Y1, Canada.

Can. Bus. (Canada)
Canadian Business CB Media Ltd., Maclean Hunter Building, 777 Bay Street, Toronto, Ont. M5W 1A7, Canada.

Can. J. Appl. Spectrosc. (Canada)
Canadian Journal of Applied Spectroscopy Polyscience Publications Inc., P.O.Box 148, Morin Hights, Que. J0R 1H0, Canada.

Can. J. Chem. (Canada)
Canadian Journal of Chemistry National Research Council of Canada, Ottawa K1A OR6, Canada.

Can. J. Chem. Eng. (Canada)
Canadian Journal of Chemical Engineering Canadian Society for Chemical Engineering, 130 Slater Street, Ste. 550, Ottawa, Ont. K1P 6E2, Canada.

Can. J. Commun. (Canada)
Canadian Journal of Communication Wilfrid Laurier University Press, 75 University Avenue West, Waterloo, Ont. N2L 3C5, Canada.

Can. J. Earth Sci. (Canada)
Canadian Journal of Earth Sciences National Research Council of Canada, Ottawa K1A OR6, Canada.

Can. J. Electr. Comput. Eng. (Canada)
Canadian Journal of Electrical and Computer Engineering Canadian Society for Electrical Engineering, 2050 rue Mansfield, Suite 700, Montreal, Que. H3A 1Z2, Canada.

Can. J. Inf. Libr. Sci. (Canada)
Canadian Journal of Information and Library Science Published for the Canadian Association for Information Science by University of Toronto Press, 5201 Dufferin Street, North York, Ont. M3H 5T8, Canada.

Can. J. Phys. (Canada)
Canadian Journal of Physics National Research Council of Canada, Ottawa K1A OR6, Canada.

Can. J. Remote Sens. (Canada)
Canadian Journal of Remote Sensing Canadian Aeronautics and Space Institute, 130 Slater Street, Suite 818, Ottawa, Ont. K1P 6E2, Canada.

Can. Metall. Q. (Canada)
Canadian Metallurgical Quarterly Elsevier Science Ltd., 150 Consumers Road, Suite 104, Willowdale, Ont. M2J 1P9, Canada.
Not covered for the period June-Sept. 1976 to Oct.-Dec. 1985

Capacity Manage. Rev. (USA)
Capacity Management Review ICCM (The Institute for Computer Capacity Management), P.O.Box 82847, Phoenix, AZ 85071-2847, USA.

Carbon (UK)
Carbon Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Cat. Classif. Q. (USA)
Cataloging & Classification Quarterly Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904-1580, USA.

Cathode Press (USA)
Cathode Press Machlett Labs. Inc., 42 Camp Avenue, Springdale, CT 06879, USA.

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CD-ROM Professional Pemberton Press Inc., 462 Danbury Road, Wilton, CT 06897-2126, USA.

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CD ROM World Mecklermedia, 20 Ketchum Street, Westport, CT 06880, USA.

CED (USA)
CED Chilton Publications, 825 7th Avenue, New York, NY 10019, USA.

Celest. Mech. Dyn. Astron. (Netherlands)
Celestial Mechanics and Dynamical Astronomy Kluwer Academic Publishers Group, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Ceram. Int. (Italy)
Ceramics International [Title changed to: *Ceram. Int. (UK)*]

Ceram. Int. (UK)
Ceramics International [Formerly: *Ceram. Int. (Italy)*] Published on behalf on TECHNA S.r.l. by Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Cerberus Alarm (Switzerland)
Cerberus Alarm Cerberus Ltd., CH-8708 Mannedorf, Switzerland.

Cerberus Electron. (Switzerland)
Cerberus Electronic Cerberus Ltd., CH 8708 Mannedorf, Switzerland.

CERN Cour. (Switzerland)
CERN Courier European Organization for Nuclear Research, CERN, 1211 Geneva 23, Switzerland.

Cesk. Cas. Fys. (Czech Republic)
Ceskoslovensky Casopis pro Fyziku Editorial address: Vera Kralova, Fyzikalni ustav AV CR, Na Slovance 2, 180 40 Praha 8, Czech Republic.

CEX (Taiwan)
CEX IBS Publications, P.O.Box 55-879, Taipei, Taiwan.

CFI - Ceram. Forum Int. - Ber. Dtsch. Keram. Ges. (Germany)
CFI - Ceramic Forum International - Berichte der Deutschen Keramischen Gesellschaft Bauverlag GmbH, Postfach 1460, Wittelsbacherstrasse 10, D-65173 Wiesbaden, Germany.

Chain Store Age Exec. (USA)
Chain Store Age Executive Lebhar-Friedman Inc., 425 Park Avenue, New York, NY 10022, USA.

Chaos (USA)
Chaos American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Chaos Solitons Fractals (UK)
Chaos, Solitons and Fractals Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Chem. Eng. (UK)
Chemical Engineer Institution of Chemical Engineers, George E Davis Building, 165-171 Railway Terrace, Rugby CV21 3HQ, UK.

Chem. Eng. Aust. (Australia)
Chemical Engineering in Australia Institution of Engineers, Australia, College of Chemical Engineers, 11 National Circuit, Barton ACT, Australia.

Chem. Eng. J. (Switzerland)
Chemical Engineering Journal Elsevier Sequoia S.A., P.O. Box 564, CH-1001 Lausanne 1, Switzerland.

Chem. Eng. Process. (Switzerland)
Chemical Engineering and Processing Elsevier Sequoia S.A., P.O.Box 564, 1001 Lausanne 1, Switzerland.

Chem. Eng. Prog. (USA)
Chemical Engineering Progress American Institute of Chemical Engineers, 345 East 47th Street, New York, NY 10017, USA.
From April 1977 to Aug. 1986 published under the title CEP (Chemical Engineering Progress)

Chem. Eng. Res. Des. (UK)
Chemical Engineering Research & Design Institution of Chemical Engineers, George E. Davis Building, 165-171 Railway Terrace, Rugby CV21 3HQ, UK.

Chem. Geol. (Isot. Geosci. Sect.) (Netherlands)
Chemical Geology (Isotope Geoscience Section) Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

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Chemical Physics Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Chem. Phys. Lett. (Netherlands)
Chemical Physics Letters Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Chem. Tech. (Germany)
Chemische Technik VEB Deutscher Verlag fur Grundstoffindustrie, 7031 Leipzig, Karl-Heine-Strasse 27, Germany.

Chemoautomatyka (Poland)
Chemoautomatyka [Issued with: *Pomiary Autom. Kontrola (Poland)*]

Chemometr. Intell. Lab. Syst. (Netherlands)
Chemometrics and Intelligent Laboratory Systems Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Chemometr. Intell. Lab. Syst., Lab. Inf. Manage. (Netherlands)
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Chemtech American Chemical Society, 1115 Sixteenth Street, N.W., Washington, DC 20036, USA.

Chin. Astron. Astrophys. (UK)
Chinese Astronomy and Astrophysics Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.
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Chin. J. Adv. Softw. Res. (USA)
Chinese Journal of Advanced Software Research Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Chin. J. Autom. (USA)
Chinese Journal of Automation [Translation of: *Acta Autom. Sin. (China)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

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Chinese Journal of Biomedical Engineering Chinese Society of Biomedical Engineering, 9 Dong Dan San Tiao, Beijing, China.

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Chinese Journal of Electronics Chinese Institute of Electronics, 12 Nongzhanguan Nanlu Road, Beijing 100 026, China.

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Chinese Journal of Lasers Shanghai Scientific & Technical Publishers. Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, China.
Until 1988 there was an English translation in Chinese Physics Lasers

Chin. J. Low Temp. Phys. (China)
Chinese Journal of Low Temperature Physics Subscription address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, China.

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Chinese Journal of Medical and Biological Engineering Biomedical Engineering Society of the Republic of China, Center for Biomedical Engineering College of Medicine, National Taiwan University, No.1 Sec. 1, Jen-Ai Road, Taipei, Taiwan.

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Chinese Journal of Space Science Subscription address: China International Book Trading Corp., Guozi Shudian, P.O.Box 2820, Beijing, China.
Translation of selected articles appear in Chinese Astronomy and Astrophysics

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Chinese Physics American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.
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Chin. Phys. Lett. (China)
Chinese Physics Letters Science Press, no. 137 Chaoyangmennei Street, Beijing, China.

Chin. Sci. Bull. (China)
Chinese Science Bulletin Science Press, No.16 Donghuangchenggen North Street, Beijing 100717, China.

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Chittagong University Studies, Part II (Science) Chittagong, Bangladesh.

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Ciel et Terre Societe Belge d'Astronomie, de Meteorologie et de Physique du Globe, Avenue Circulaire 3, 1180 Bruxelles, Belgium.

Cienc. Inf. (Cuba)
Ciencias de la Informacion Apartado Postal 2035, Codigo Postal 10200, La Habana, Cuba.

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Ciencias Tecnicas, Fisicas y Matematicas Editora de la Academia de Ciencias de Cuba, Industria No. 452, La Habana 2, Cuba.

Cienc. Tierra Espac. (Cuba)
Ciencias de la Tierra y del Espacio Academia de Ciencias de Cuba, Biblioteca Nacional de Ciencia y Tecnica, Apdo 2291, Zona 2, CP 10200, C. Habana, Cuba.

Ciencia (Mexico)
Ciencia Academia de la Investigacion Cientifica AC, Apartado Postal 69-692, Mexico 21, DF, Mexico.

CIM Technol. (USA)
CIM Technology Computer and Automated Systems Association of the Society of Manufacturing Engineers (CASA/SME), One SME Drive, P.O.Box 930, Dearborn, MI 48121, USA.

Cine. Technol. (UK)
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CLEFS CEA Commissariat a l'Energie Atomique, DRPC, 31-33 rue de la Federation, 75752 Paris Cedex 15, France.

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Client/Serv. Today (USA)
Client/Server Today Cahners Publishing Co., 275 Washington Street, Newton, MA 02158-1630, USA.

Clim. Change (Netherlands)
Climatic Change Kluwer Academic Publishers Group, P.O. Box 17, 3300 AA Dordrecht, Netherlands.

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Now merged into Physiological Measurements

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CMA (Canada)
CMA Society of Management Accountants of Canada, MPO 176, Hamilton, Ont. L8N 3C3, Canada.

CMC News (USA)
CMC News 515 Oak Street North, Cannon Falls, MN 55009, USA.

Cogeneration (USA)
Cogeneration Pequot Publishing. Editorial address: 214 Massachusetts Avenue, N.E., Suite 520, Washington, DC 20002, USA.
Supersedes in part: Gas Turbine World & Cogeneration

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Cognitive Linguistics Mouton de Gruyter, Postfach 110240, W-1000 Berlin 11, Germany.

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Cognitive Science Ablex Publishing Corp., 355 Chestnut Street, Norwood, NJ 90277, USA.

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Collaborative Computing Chapman & Hall, 2-6 Boundary Row, London SE1 8HH, UK.

Colloid Polym. Sci. (Germany)
Colloid & Polymer Science Dr. Dietrich Steinkopff Verlag GmbH Co KG, P.O.Box 11 14 42, W-6100 Darmstadt, Germany.

Colloid Surf. A, Physicochem. Eng. Aspects (Netherlands)
Colloid and Surfaces A (Physicochemical and Engineering Aspects) Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.
Supersedes in part Colloids and Surfaces

Colloids Surf. B, Biointerfaces (Netherlands)
Colloids and Surfaces B (Biointerfaces) Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.
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Color Research & Application John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.

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COM-SAC, Computer Security, Auditing and Controls Management Advisory Publications, P.O.Box 151, 44 Washington Street, Wellesley Hills, MA 02181, USA.

Combinatorica (Hungary)
Combinatorica Akademiai Kiado, H-1519 Budapest, P.O.Box 245, Hungary.

Combust. Explos. Shock Waves (USA)
Combustion, Explosion and Shock Waves [Translation of: *Fiz. Goren. Vzryva (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Combust. Flame (USA)
Combustion and Flame Elsevier Science Publishing Co. Inc., 655 Avenue of the Americas, New York, NY 10010, USA.

Comment. Phys.-Math. Chem.-Med. (Finland)
Commentationes Physico-Mathematicae et Chemico-Medicae Finnish Society of Sciences and Letters, Mariankatu 5, SF-00170 Helsinki, Finland.

Comments Astrophys., Comments Mod. Phys., C (Switzerland)
Comments on Astrophysics. Comments on Modern Physics: Part C [Formerly: *Comments Astrophys., Comments Mod. Phys., C (UK)*] Gordon and Breach Science Publishers SA, Postfach, CH-4004 Basel, Switzerland.

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CSIO Commun. (India)
CSIO Communications [Title changed to: *Commun. Instrum. (India)*]

C.S.N.D.T. J. (Canada)
C.S.N.D.T. Journal Canadian Society for Nondestructive Testing Inc., Unit 47, 2400 Lucknow Drive, Mississauga, Ont. L5S 1T9, Canada.

Curr. Sci. (India)
Current Science Indian Academy of Sciences, P.B. No. 8005, C.V.Raman Avenue Bangalore-560080, India, India.

CVGIP, Graph. Models Image Process. (USA)
CVGIP: Graphical Models and Image Processing Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.
Supersedes in part: Computer Vision, Graphics, and Image Processing

CVGIP, Image Underst. (USA)
CVGIP: Image Understanding Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.
Supersedes in part: Computer Vision, Graphics, and Image Processing

Cybern. Comput. Technol. (USA)
Cybernetics and Computing Technology [Translation of: *Kibern. Vychisl. Tekh. (Ukraine)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.
Each issue of the journal is concerned with a distinct topic: Discrete Control Systems, Ergatic Control Systems, Complex Control Systems, Medical Cybernetics, Man-Machine Systems and Human Factors

Cybern. Syst. (USA)
Cybernetics and Systems Taylor & Francis, 1101 Vermont Avenue, Suite 200, Washington, DC 20005, USA.

Cybern. Syst. Anal. (USA)
Cybernetics and Systems Analysis [Translation of: *Kibern. Sist. Anal. (Ukraine)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Cybernetica (Belgium)
Cybernetica International Association for Cybernetics, Place Andre Rijckmans, Namur, Belgium.

Czech. J. Phys. (Czech Republic)
Czechoslovak Journal of Physics Editorial address: Institute of Physics, Academy of Sciences of the Czech Republic, Na Slovance 2, 180 40 Praha 8, Czech Republic.

Danfoss J. (Denmark)
Danfoss Journal Danfoss Manufacturing Co., Nordborg, Denmark.

DANTEC Inf. (Denmark)
DANTEC Information DANTEC Measurement Technology A/S, Tonsbakken 16-18, DK-2740 Skovlunde, Denmark.

Data Base (USA)
Data Base Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

Data Base Newsl. (USA)
Data Base Newsletter Database Research Group Inc., 31 State Street, Suite 800, Boston, MA 02109, USA.

Data Commun. Int. (USA)
Data Communications International McGraw-Hill Inc., McGraw-Hill Building, 1221 Avenue of the Americas, New York, NY 10020, USA.

Data Commun. Process. (Japan)
Data Communication and Processing Joho Kenkyu Shuppankai, 9-1-7 Akasaka, Minato-ku, Tokyo, Japan.

Data Knowl. Eng. (Netherlands)
Data & Knowledge Engineering Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Data Process. (USA)
Data Processor Data Processing Division, International Business Machines Corp., 1133 Westchester Avenue, White Plains, NY 10604, USA.

Data Process. Pract. (UK)
Data Processing Practitioner Institute of Data Processing Ltd., Walter House, 418-422 Strand, London WC2R 0PW, UK.

Data Tid (Norway)
Data Tid Dataforlaget A.S., Sam Eydes Vei 11 A, Postboks 145, 1412 Sofiemyr, Norway.

Data Train. (USA)
Data Training Weingarten Publications Inc., 38 Chauncy Street, Boston, MA 02111, USA.

Database (USA)
Database Online Inc., 462 Danbury Road, Wilton, CT 06897-2126, USA.

Database Netw. J. (UK)
Database and Network Journal A.P. Publications Ltd., 377 St. John Street, London EC1V 4LD, UK.

Database Rev. (USA)
Database Review Database Associates, P.O.Box 215, Morgan Hill, CA 95038, USA.
Merged into Info DB

Datacom (UK)
Datacom EMAP Business, Ferrari House, 258 Field End Road, Eastcote, Ruislip, Middx. HA4 9UY, UK.

Datalink (UK)
Datalink 76 Dean Street, London, W1A 1BU, UK.

Datamation (USA)
Datamation Cahners Publishing Co., 275 Washington Street, Newton, MA 02158, USA.

DBMS (USA)
DBMS M & T Publishing Inc., 501 Galveston Drive, Redwood City, CA 94063, USA.

DEC Comput. (UK)
DEC Computing VNU Business Publications, VNU House, 32-34 Broadwick Street, London W1A 2HG, UK.

DEC Today (UK)
DEC Today CW Communications Ltd., 99 Gray's Inn Road, London WC1X 8UT, UK.

Dec User (UK)
Dec User EMAP Business and Computer Publications Ltd., 33-39 Bowling Green Lane, London EC1R 0DA, UK.

Decis. Sci. (USA)
Decision Sciences American Institute for Decision Sciences, University Plaza, Atlanta, GA 30303, USA.

Decis. Support Syst. (Netherlands)
Decision Support Systems Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Deep-Sea Res. I, Oceanogr. Res. Pap. (UK)
Deep-Sea Research, Part I (Oceanographic Research Papers) Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.
Supersedes in part: Deep-Sea Research, Part A (Oceanographic Research Papers)

Deep-Sea Res. II, Top. Stud. Oceanogr. (UK)
Deep-Sea Research, Part II (Topical Studies in Oceanography) Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.
Supersedes in part: Deep-Sea Research, Part A (Oceanographic Research Papers)

Def. Sci. J. (India)
Defence Science Journal Metcalfe House, Delhi 110054, India.

Defektoskopiya (Russia)
Defektoskopiya [English translation in: *Russ. J. Nondestruct. Test. (USA)*] Academy of Sciences of the USSR, Moskva, Russia.
INSPEC coverage is from English translation

Denchuken Rev. (Japan)
Denchuken Review Central Research Institute of Electric Power Industry, Otemachi Building 7th, 1-6-1 Otemachi, Chiyoda-ku, Tokyo 100, Japan.

Denki Kagaku (Japan)
Denki Kagaku Electrochemical Society of Japan, Shin-yurakucho Building, 1-12-1 Yuraku-cho, Chiyoda-ku, Tokyo 100, Japan.

Des. Codes Cryptogr. (Netherlands)
Designs, Codes and Cryptography Kluwer Academic Publishers Group. P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Des. Eng. (UK)
Design Engineering Morgan-Grampian (Publishers) Ltd., Morgan-Grampian House, 30 Calderwood Street, London SE18 6QH, UK. Incorporates Fluid Power International

Des. Stud. (UK)
Design Studies Butterworth-Heinemann, Linacre House, Jordan Hill, Oxford OX2 8DP, UK.

Desalination (Netherlands)
Desalination Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Deskt. Publ. Comment. (UK)
Desktop Publishing Commentary Pira International, Randalls Road, Leatherhead, Surrey KT22 7RU, UK.

Desktop Publ. (UK)
Desktop Publishing AB Publications, Vine House, Church Road, Harrietsham, Maidstone, Kent ME17 1HJ, UK.

DG Rev. (USA)
DG Review Data Base Publications Inc., 8310 Capital of Texas Highway, Suite 385, Austin, TX 78731, USA.

Dialogoye Sist. (Latvia)
Dialogoye Sistemy Izdatel'stvo 'Zinatne', Riga, Latvia.

Diam. Films Technol. (Japan)
Diamond Films and Technology Scientific Publishing Division of MYU K.K., 2-32-3 Sendagi, Bunkyo-ku, Tokyo 113, Japan.

Diam. Relat. Mater. (Switzerland)
Diamond and Related Materials Elsevier Sequoia S.A., P.O.Box 564, 1001 Lausanne 1, Switzerland.

Diesel Gas Turbine Worldw. (USA)
Diesel & Gas Turbine Worldwide Diesel & Gas Turbine Publications, 13555 Bishop's Court, Brookfield, WI 53005-6286, USA.

Differ. Geom. Appl. (Netherlands)
Differential Geometry and its Applications Elsevier Science Publishers B.V. (North-Holland), P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Diffus. Defect Data B, Solid State Phenom. (Switzerland)
Diffusion and Defect Data Part B (Solid State Phenomena) [Formerly: *Diffus. Defect Data, Solid State Data B, Solid State Phenom. (Liechtenstein)*] Scitec Publications Ltd., Untermuhleweg 11, CH-6300 Zug, Switzerland.

Diffus. Defect Data, Solid State Data B, Solid State Phenom. (Liechtenstein)
Diffusion and Defect Data - Solid State Data, Part B (Solid State Phenomena) [Title changed to: *Diffus. Defect Data B, Solid State Phenom. (Switzerland)*]

Dig. Jpn. Ind. Technol. (Japan)
Digest of Japanese Industry & Technology Japan Trade & Industry Publicity Inc., Toranomon Kotohira Kaikan, 1-2-8 Toranomon, Minato-ku, Tokyo 105, Japan.

Digit. Media (USA)
Digital Media Seybold Publications Inc., P.O.Box 644, Media, PA 19063, USA.

Digit. Process. (Switzerland)
Digital Processes Georgi Publishing Co., CH-1813 St. Saphorin, Switzerland.

Digit. Signal Process. (USA)
Digital Signal Processing Academic Press Inc., 1250 Sixth Avenue, San Diego, CA 92101, USA.

Digit. Syst. J. (USA)
Digital Systems Journal Cardinal Business Media Inc., 101 Witmer Road, Horsham, PA 19044, USA.

Digit. Tech. J. (USA)
Digital Technical Journal Digital Equipment Corp., 146 Main Street, Maynard, MA 01754, USA.

Direct Mark. (USA)
Direct Marketing Hoke Communications Inc., 224 Seventh Street, Garden City, L.I., NY 11530-5771, USA.

Direct Mark. World (UK)
Direct Marketing World Charterhouse Communications/Ferrary Publications Ltd., Boundary House, 91-93 Charterhouse Street, London EC1M 6HR, UK.

Discovery (Finland)
Discovery Nokia Telecommunications, Information Department, P.O.Box 33, 02601 Espoo 60, Finland.

Discrete Appl. Math. (Netherlands)
Discrete Applied Mathematics Elsevier Science Publishers B.V., (North-Holland) P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Discrete Comput. Geom. (Germany)
Discrete & Computational Geometry Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin 33, Germany.

Discrete Event Dyn. Syst., Theory Appl. (Netherlands)
Discrete Event Dynamic Systems: Theory & Applications Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Disp. Devices (Japan)
Display Devices Dempa Publications Inc., 11-15 Higashi, Gotanda 1-chome, Shinagawa-ku, Tokyo 141, Japan.

Disp. Imaging Technol. (UK)
Display and Imaging Technology Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9PP, UK.

Displays (UK)
Displays Butterworth-Heinemann Ltd., Linacre House, Jordan Hill, Oxford, OX2 8DP, UK.

Dist. Heat. Int. (Germany)
District Heating International Verlags- und Wirtschaftsgesellschaft der Elektrizitatswerke mbH, VWEW, Stresemannallee 30, D-60596 Frankfurt am Main, Germany.

Distrib. Comput. (Germany)
Distributed Computing Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

Distrib. Parallel Databases (Netherlands)
Distributed and Parallel Databases Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Distrib. Syst. Eng. (UK)
Distributed Systems Engineering Published jointly by The British Computer Society, The Institution of Electrical Engineers and Institute of Physics, UK.

Doc. Bibl. (Canada)
Documentation et Bibliotheques Association pour l'Avancement des Sciences et des Techniques de la Documentation, 1030 rue Cherrier, Bureau 505, Montreal, Que. H2L 1H9, Canada.

Doc. Deliv. World (USA)
Document Delivery World Meckler Corp., 11 Ferry Lane West, Westport, CT 06880, USA.

Doc. Image Autom. (USA)
Document Image Automation Meckler Corp., 11 Ferry Lane West, Westport, CT 06880, USA.

Doc. NRPB (UK)
Documents of the NRPB National Radiological Protection Board, Chilton, Didcot, Oxon. OX11 0RQ, UK.

Doc. Ophthalmol. (Netherlands)
Documenta Ophthalmologica Kluwer Academic Publishers, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Doc.-Sci. Inf. (France)
Documentaliste - Sciences de l'Information Association Francaise des Documentalistes et des Bibliothecaires Specialises, 25 rue Claude Tillier, 75012 Paris, France.

Doga Turk. J. Eng. Environ. Sci. (Turkey)
Doga Turkish Journal of Engineering and Environmental Sciences [Title changed to: *Turk. J. Eng. Environ. Sci. (Turkey)*]

Doga Turk. J. Phys. (Turkey)
Doga Turkish Journal of Physics [Title changed to: *Turk. J. Phys. (Turkey)*]

Dokl. Akad. Nauk (Russia)
Doklady Akademii Nauk [English translation of selected articles in: *Phys.-Dokl. (Russia)*] Editorial address: 117864 GSP-7 Moskva V-485, Profsoyusnaya Ul. 90 KOM 301, Russia.

DOPS-NYT (Denmark)
DOPS-NYT Dansk Optisk Selskab, 100 Lundtoftevej, Bldg. 309, DK-2800 Lyngby, Denmark.

Dr. Dobb's J. (USA)
Dr. Dobb's Journal M & T Publishing Inc., 411 Borel Avenue, San Mateo, CA 94402-3522, USA.
From August 1986 to September 1990 published under title Dr. Dobb's Journal of Software Tools

Drake Bus. Rev. (Canada)
Drake Business Review Drake International, Box 800, Station 'F', Toronto, Ont. M4Y 2N8, Canada.

Drive Control (Germany)
Drive & Control Published for Siemens AG by MC & D Verlag, Postfach 3240, 8520 Erlangen, Germany.

Dyn. Atmos. Oceans (Netherlands)
Dynamics of Atmospheres and Oceans Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Dyn. Control (Netherlands)
Dynamics and Control Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

EARSeL Adv. Remote Sens. (France)
EARSeL Advances in Remote Sensing EARSeL Secretariat, Bureau B-318, 2 Avenue Rapp, 75340 Paris Cedex 07, France.

Earth Moon Planets (Netherlands)
Earth, Moon, and Planets Kluwer Academic Publishers Group, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Earth Planet. Sci. Lett. (Netherlands)
Earth and Planetary Science Letters Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Earth-Sci. Rev. (Netherlands)
Earth-Science Reviews Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Earth Surf. Process. Landf. (UK)
Earth Surface Processes and Landforms John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Earthq. Eng. Struct. Dyn. (UK)
Earthquake Engineering & Structural Dynamics John Wiley & Sons Ltd., Baffins Lane, Chichester, Sussex PO19 1UD, UK.

EBU Tech. Rev. (Switzerland)
EBU Technical Review European Broadcasting Union, Case Postale 67, CH-1218 Grand-Saconnex, Switzerland.

EC-Nyt (Denmark)
EC-Nyt [Issued with: *Elektronik (Denmark)*]

Echo Rech. (France)
L'Echo des Recherches Centre National d'Etudes des Telecommunications, 38 Rue du General Leclerc, 92 131 Issy-les-Moulineaux, France.

Econ. Comput. Econ. Cybern. Stud. Res. (Romania)
Economic Computation and Economic Cybernetics Studies and Research Centre of Economic Computation and Economic Cybernetics, 15-17 Calea Dorobantilor, Bucuresti, Romania.

ED-TECH Rev. (USA)
ED-TECH Review Association for the Advancement of Computing in Education, P.O.Box 2966, Charlottesville, VA 22902, USA.

Edge (USA)
Edge ICP, 823 E. Westfield Boulevard, Indianapolis, IN 56220-1715, USA.

EDI Forum (USA)
EDI Forum EDI Group Ltd., 22 Lake Street, Oak Park, IL 60302, USA.

EDN (Eur. Ed.) (USA)
EDN (European Edition) Cahners Publishing Co., 275 Washington Street, Newton, MA 02158-1630, USA.

EDP Audit. J. (USA)
EDP Auditor Journal [Title changed to: *IS Audit Control J. (USA)*]

EDPACS (USA)
EDPACS Auerbach Publications, Warren Gorham Lamont, 31 St. James Avenue, Boston, MA 02116, USA.

Educ. Comput. (Netherlands)
Education & Computing Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Educ. Inf. (Netherlands)
Education for Information IOS Press, Van Diemenstraat 94, 1013 CN Amsterdam, Netherlands.

Educ. Technol. (USA)
Educational Technology Educational Technology Publications, 700 Palisade Avenue, Englewood Cliffs, NJ 07632, USA.

Educ. Technol. Res. Dev. (USA)
Educational Technology, Research and Development Association for Educational Communications & Technology, 1126 Sixteenth Street, N.W., Was;hington, DC 20036, USA.

Educ. Train. Technol. Int. (UK)
Educational and Training Technology International Kogan Page Ltd., 120 Pentonville Road, London N1 9JN, UK.

EDUCOM Rev. (USA)
EDUCOM Review 1112 16th Street, N.W., Suite 600, Washington, DC 20036, USA.

Eesti NSV Tead. Akad. Fuus. Inst. Uurim. (Estonia)
Eesti NSV Teaduste Akadeemia Fuusika Instituudi Uurimused Akademii Nauk ESSR, Tallin, Estonia.

Eesti NSV Tead. Akad., Toim., Fuus. Mat. (Estonia)
Eesti NSV Teaduste Akadeemia. Toimetised. Fuusika, Matemaatika Estonian Academy of Sciences, The Library, 10 Ravala Avenue, Tallinn EE 0103, Estonia.

Efemer. Malykh Planet (Russia)
Efemeridy Malykh Planet Institut Teoreticheskoi Astonomii, Rossiiskoi Akademii Nauk, 191187 Sankt Peterburg, Nab. Kutuzova d.10, Russia.

Egypt. Comput. J. (Egypt)
Egyptian Computer Journal Cairo University, Institute of Statistical Studies and Research, P.O.Box 1017, 5 Tharwat Street, Orman, Giza, Egypt.

Egypt. J. Biomed. Eng. (Egypt)
Egyptian Journal of Biomedical Engineering National Information and Documentation Centre, NIDOC, Dokki, Cairo, Egypt.

Egypt. J. Solids (Egypt)
Egyptian Journal of Solids Egyptian Society of Solid State Science and Applications, 33 Abd El-Khalek Tharwat, Cairo, Egypt.

Eisenbahningenieur (Germany)
Eisenbahningenieur Tetzlaff Verlag GmbH, Nordkanalstrasse 36, D-20010 Hamburg, Germany.

El Energi (Denmark)
El & Energi Rosenorns Alle 9, 1970 Kobenhavn V, Denmark.

Electr. Commun. (France)
Electrical Communication ALCATEL, 54 rue La Boetie, 75382 Paris Cedex 08, France.

Electr. Constr. Maint. (USA)
Electrical Construction and Maintenance Intertec Publishing, 707 Westchester Avenue, White Plains, NY 10604, USA.

Electr. Contract. (UK)
Electrical Contractor E.C.A. Publications Ltd., Builder House, 1 Millharbour, London E14 9RA, UK.

Electr. Des. Mfg. (USA)
Electrical Design & Mfg. IHS Publishing Group, 17730 W. Peterson Road, P.O.Box 159, Libertyville, IL 60048-0159, USA.

Electr. Eng. Jpn. (USA)
Electrical Engineering in Japan John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.
English translation of Transactions of the Institute of Electrical Engineers of Japan, Parts A,B and C

Electr. Eng. Rev. (Pakistan)
Electrical Engineering Review West Pakistan University of Engineering and Technology, Lahore-31, Pakistan.

Electr. Equip. (UK)
Electrical Equipment Wilmington Publishing Ltd., Church Hill, Dartford, Kent DA2 7EF, UK.

Electr. Light. Facil. Railw. (Japan)
Electric Lighting & Facilities in Railways Tetsudo Denka Kyokai (Railway Electrification Association), c/o Kotsu Kosha Building, 1-6-4, Marunouchi, Chiyoda-ku, Tokyo 100, Japan.

Electr. Mach. Power Syst. (USA)
Electric Machines and Power Systems Hemisphere Publishing Corp., 79 Madison Avenue, Suite 1110, New York, NY 10016-7892, USA.

Electr. Power Int. (USA)
Electric Power International McGraw-Hill Inc., 11 West 19th Street, Second Floor, New York, NY 10011, USA.

Electr. Power Syst. Res. (Switzerland)
Electric Power Systems Research Elsevier Sequoia S.A., P.O. Box 564, CH-1001 Lausanne 1, Switzerland.

Electr. Railw. (Japan)
Electric Railways Railway Electrification Association Inc., No.512 5th FJTB Building, 1-6-4 Marunouchi, Chiyoda-ku, Tokyo 100, Japan.

Electr. Rev. (UK)
Electrical Review Reed Business Publishing Ltd., Quadrant House, The Quadrant, Sutton, Surrey SM2 5AS, UK.

Electr. Technol. (UK)
Electrical Technology Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.
English translation of selected articles from Elektrichestvo

Electr. Times (UK)
Electrical Times Reed Business Publishing, Quadrant House, The Quadrant, Sutton, Surrey SM2 5AS, UK.

Electr. Veh. Dev. (UK)
Electric Vehicle Developments Butterworth-Heinemann Ltd., Linacre House, Jordan Hill, Oxford OX2 8DP, UK.

Electr. Word (Netherlands)
Electric Word Media Nederland B V, Emmalaan 21, 1075 AT Amsterdam, Netherlands.

Electr. World (USA)
Electrical World McGraw-Hill Publishing Co., 1221 Avenue of the Americas, New York, NY 10020, USA.

Electra (France)
Electra 3-5 rue de Metz, 75010 Paris, France.

Electricidade (Portugal)
Electricidade Empresa Editorial Electrotecnica Edel, Rua de Dona Estefania, 48, 3., Esq., 1000 Lisboa, Portugal.
From May 1982 to December 1985 published under the title Electricidade, Energia-Electronica

Electro- & Magnetobiol. (USA)
Electro- and Magnetobiology Marcel Dekker Inc., P.O.Box 5005, Monticello, NY 12701-5158, USA.

Electro-Opt. (UK)
Electro-Optics Milton Publishing Co. Ltd., 5 Tranquil Passage, Blackheath, London SE3 0BY, UK.

Electrochem. Ind. Process. Biol. (UK)
Electrochemistry in Industrial Processing and Biology [Translation of: *Elektron. Obrab. Mater. (USSR)*] Scientific Information Consultants, 661 Finchley Road, London NW2 2HN, UK.
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Electrochem. Soc. Interface (USA)
Electrochemical Society Interface Electrochemical Society, 10 South Main Street, Pennington, NJ 08534-2896, USA.

Electroencephalogr. Clin. Neurophysiol. (Ireland)
Electroencephalography and Clinical Neurophysiology Elsevier Scientific Publishers Ireland Ltd., P.O.Box 85, Limerick, Ireland.

Electroencephalogr. Clin. Neurophysiol. Evoked Potentials (Ireland)
Electroencephalography and Clinical Neurophysiology, Evoked Potentials Elsevier Scientific Publishers Ireland Ltd., P.O.Box 85, Limerick, Ireland.

Electromagnetics (USA)
Electromagnetics Hemisphere Publishing Corp., 79 Madison Avenue, Suite 1110, New York, NY 10016-7892, USA.

Electromedica (Germany)
Electromedica Siemens Aktiengesellschaft, Medical Engineering Group, 8520 Erlangen, Hartmannstrasse 65, Germany.

Electromyogr. Clin. Neurophysiol. (Belgium)
Electromyography and Clinical Neurophysiology Nauwelaerts Publishing Cy, Rue de l'Eglise St-Sulpice 19, B-1320 Beauvechain, Belgium.

Electron. Bus. Buyer (USA)
Electronic Business Buyer Cahners Publishing Co., 275 Washington Street, Newton, MA 02158-6197, USA.

Electron. Commun. Eng. J. (UK)
Electronics & Communication Engineering Journal Institution of Electrical Engineers, Savoy Place, London WC2R 0BL, UK.
Incorporating Journal of the Institution of Electronics and Radio Engineers

Electron. Commun. Jpn. 1, Commun. (USA)
Electronics and Communications in Japan, Part 1 (Communications) Scripta Technica Inc., 605 Third Avenue, New York, NY 10158, USA.
English translation of selected articles from Transactions of the Institute of Electronics, Information and Communication Engineers of Japan, Parts A, B-I, B-II, C-I, C-II, D-I and D-II. Supersedes in part: Electronics and Communications in Japan

Electron. Commun. Jpn. 2, Electron. (USA)
Electronics and Communications in Japan, Part 2 (Electronics) Scripta Technica Inc., 605 Third Avenue, New York, NY 10158, USA.
English translation of selected articles from Transactions of the Institute of Electronics, Information and Communication Engineers of Japan, Parts A, B-I, B-II, C-I, C-II, D-I and D-II. Supersedes in part: Electronics and Communications in Japan

Electron. Commun. Jpn. 3, Fundam. Electron. Sci. (USA)
Electronics and Communications in Japan, Part 3 (Fundamental Electronic Science) Scripta Technica Inc., 605 Third Avenue, New York, NY 10158, USA.
English translation of selected articles from Transactions of the Institute of Electronics and Communication Engineers of Japan, Parts A, B-I, B-II, C-I, C-II, D-I and D-II

Electron. Des. (USA)
Electronic Design Penton Publishing Inc., 1100 Superior Avenue, Cleveland, OH 44114-2543, USA.

Electron. Des. Autom. (UK)
Electronic Design Automation Electronic Design Automation Ltd., 31-33 High Holborn, London WC1V 6BD, UK.

Electron. Doc. (UK)
Electronic Documents Learned Information Ltd., Woodside, Hinksey Hill, Oxford OX1 5AU, UK.

Electron. Educ. (USA)
Electronic Education Electronic Communications Inc., Suite 220, 1311 Executive Center Drive, Tallahassee, FL 32301, USA.

Electron. Eng. (UK)
Electronic Engineering Morgan-Grampian (Publishers) Ltd., Morgan-Grampian House, 30 Calderwood Street, London SE18 6QH, UK.

Electron. Imaging (USA)
Electronic Imaging Morgan-Grampian Publishing Co., 1050 Commonwealth Avenue, Boston, MA 02215, USA.

Electron. Ind. (UK)
Electronics Industry ES Publications Ltd., 46-50 Coombe Road, New Malden, Surrey KT3 4QH, UK.

Electron. Inf. Plan. (India)
Electronics Information and Planning Information, Planning and Analysis Group, Department of Electronics, 'A' Block, CGO Complex, Lodhi Road, New Delhi 110 003, India.

Electron. Lett. (UK)
Electronics Letters Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

Electron. Libr. (UK)
Electronic Library Learned Information Ltd., Woodside, Hinksey Hill, Oxford OX1 5AU, UK.

Electron. Manuf. Test (UK)
Electronics Manufacture & Test IML Group plc, Blair House, High Street, Tonbridge, Kent TN9 1BQ, UK.

Electron-Microsc. (Japan)
Electron-Microscopy Department of Anatomy, Faculty of Medicine, Kyoto University, Yoshida, Sakyo-ku, Kyoto 606, Japan.

Electron. Model. (UK)
Electronic Modeling [Translation of: *Elektron. Model. (Ukraine)*] Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9PP, UK.
INSPEC coverage is from original Russian journal

Electron. Now (USA)
Electronics Now Gernsback Publications Inc., 500 B Bi-County Boulevard, Farmingdale, NY 11735, USA.

Electron. Opt. Publ. Rev. (UK)
Electronic and Optical Publishing Review Learned Information Ltd., Woodside, Hinksey Hill, Oxford OX1 5AU, UK.

Electron Opt. Report. (USA)
Electron Optics Reporter Philips Electronic Instruments Inc., 85 McKee Drive, Mahwah, NJ 07430, USA.

Electron. Packag. Prod. (USA)
Electronic Packaging and Production Cahners Publishing Co., 275 Washington Street, Newton, MA 02158-1630, USA.

Electron. Prod. (UK)
Electronic Production Angel Publishing Ltd., 5th Floor, 361 City Road, London EIV 1LR, UK.

Electron. Prod. (USA)
Electronic Products Hearst Business Communications Inc./UTP Division, 645 Stewart Avenue, Garden City, NY 11530, USA.

Electron. Prod. Des. (UK)
Electronic Product Design IML Techpress, Blair House, 184-186 High Street, Tonbridge, Kent TN9 1BQ, UK.

Electron. Prog. (USA)
Electronic Progress Raytheon Co., Lexington, MA 02173, USA.

Electron. Publ. Bus. (USA)
Electronic Publishing Business Electronic Publishing Ventures Inc., 160 Fifth Avenue, New York, NY 10010, USA.

Electron. Publ., Orig. Dissem. Des. (UK)
Electronic Publishing: Origination, Dissemination and Design John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Electron. Purch. (USA)
Electronics Purchasing Cahners Publishing Co., 275 Washington Street, Newton, MA 02158, USA.

Electron. Syst. News (UK)
Electronic Systems News Institution of Electrical Engineers, Savoy Place, London WC2R 0BL, UK.

Electron. Tech. Ind. (France)
Electronique Techniques et Industries ESI Publications, 12 rue de Seine, 75006 Paris, France.

Electron Technol. (Poland)
Electron Technology Instytut Technologii Elektronowej, Al. Lotnikow 32/46, 02-668 Warszawa, Poland.

Electron. Today (India)
Electronics Today 4-A Naaz Bldg., Lamington Road, Bombay-4, India.

Electron. Wkly. (UK)
Electronics Weekly Reed Business Publishing, Quadrant House, The Quadrant, Sutton, Surrey SM2 5AS, UK.

Electron. World Wirel. World (UK)
Electronics World + Wireless World Reed Business Publishing Ltd., Quadrant House, The Qudrant, Sutton, Surrey SM2 5AS, UK.

Electrotech. News (UK)
Electrotechnical News Published for the Association of Supervisory & Executive Engineers by Vaughan Publications Ltd., Vaughan Road, Harpenden, Herts. AL5 4ED, UK.

Electrotechnology (UK)
Electrotechnology Institution of Electrical and Electronics Technician Engineers, 2 Savoy Hill, London, WC2R 0BS, UK.

Electroteh. Electron. Autom., Electroteh. (Romania)
Electrotehnica, Electronica si Automatica. Electrotehnica O.I.D.-M.I.C.M.U.E., Splaiul Unirii nr.313, Bucuresti, sect.3, Romania.

Elektr. Bahnen (Germany)
Elektrische Bahnen R. Oldenbourg Verlag GmbH, 8 Munchen 80, Rosenheimer Strasse 145, Germany.

Elektr. Masch. (Germany)
Elektrische Maschinen Huthig & Pflaum Verlag, Im Weiher 10, 69121 Heidelberg, Germany.

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English translation of selected articles appear in Electric Technology (formerly Electric Technology USSR)

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Elektro Automation [Formerly: *Elektro-Anz. (West Germany)*] Konradin Verlag Robert Kohlhammer GmbH, Ernst-Mey-Strasse 8, 70771 Leinfelden-Echterdingen, Germany.

Elektro-Jahr (West Germany)
Elektro-Jahr [Issued with: *Elektrotechnik (Germany)*]

Elektrokhimiya (Russia)
Elektrokhimiya [English translation in: *Sov. Electrochem. (USA)*] Institut-Elektrokhimii. Akademiya Nauk SSSR, Moskva-V71, Leninskii Prospekt 31, Russia.
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Das Elektron International 'Elektron'-Verlag, Postfach 156, A-4010 Linz-Donau, Austria.

Elektron. Model. (Ukraine)
Elektronnoe Modelirovanie [English translation in: *Electron. Model. (UK)*] Izdatel'stvo 'Naukova Dumka', 252601 Kiev GSP, Ul. Repina 3, Ukraine.

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Elektron. Tekh., 12 (Russia)
Elektronnaya Tekhnika. Seriya 12 Ministerstvo Elektronnoy Promishlennosti SSSR, Institut 'Elektronika', Moskva, Russia.

Elektronica (Netherlands)
Elektronica Kluwer Technische Tijdschriften B.V., Postbus 23, 7400 GA Deventer, Netherlands.

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Der Elektroniker [Title changed to: *MegaLink (Switzerland)*]

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Elektrosvyaz [English translation in: *Telecommun. Radio Eng. 1, Telecommun. (USA)*] Ministerstvo svyazi SSR, Russia.
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Elektrotechnicky Casopis Elektrotechnicka Fakulta STU V Bratislave, Ilkovicova 3, 812 19 Bratislava, Slovakia.

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Elektrotechnik Vogel-Verlag KG, Max-Planck-Strasse 7-9, 97064 Wurzburg, Germany.

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Elektrotehnika Savez Elektrotehnickih Inzenjera i Tehnicara Hrvatske (SEITH), Berislaviceva 6/1, 41000 Zagreb, Croatia.

Elektrotekhnika (Russia)
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Elektrowaerme Int. B (Germany)
Elektrowaerme International, Edition B Vulkan-Verlag GmbH, Postfach 10 39 62, Haus der Technik, D-45039 Essen, Germany.
Supersedes in part: Elektrowaerme

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Elin-Zeitschrift Elin Union, A-1141 Wien XIV, Penzinger Strasse 76, Austria.

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Embedded Systems Programming Miller Freeman Inc., 600 Harrison Street, San Francisco, CA 94107, USA.

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Endeavour, New Series Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

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Engineers' Digest Catalyst Publications Ltd., 159-160 Clapham High Street, London SW4 7SS, UK.

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Engineering Economist Editorial address: School of Industrial Systems Engineering, Georgia Institute of Technology, Atlanta, GA 30332, USA.

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Engineering Fracture Mechanics Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

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Engineering Management Journal Institution of Electrical Engineers, Savoy Place, London WC2 0BL, UK.

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Engineering Science and Education Journal Institution of Electrical Engineers, Savoy Place, London WC2R 0BL, UK.

Eng. Sci. Rep. Kyushu Univ. (Japan)
Engineering Sciences Reports, Kyushu University Graduate School of Engineering Sciences, Kyushu University 39, Kasuga 816, Japan.

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Engineering & Technology Kogakkai, Kansai University, Faculty of Engineering, Senriyama, Suita-shi, 564 Osaka, Japan.

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Entropie Boite Postale 63, F-94002 Creteil Cedex, France.

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Environmental Information Science Center for Environmental Information Science, 4-7-24 Kudan-minami, Chiyoda-ku, Tokyo 102, Japan.

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Environmental Monitoring and Assessment Kluwer Academic Publishers Group, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

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Environmental Software Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

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EPE Journal VDE-Verlag GmbH, Bismarckstrasse 33, W-1000 Berlin 12, Germany.

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Ercole Marelli 20121 Milano, via Borgonuovo 24, Italy.

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Ericsson Review LM Ericsson, S-12625 Stockholm 32, Sweden.

ESA Bull. (France)
ESA Bulletin ESA Space Documentation Service, 8-10 rue Mario Nikis, 75738 Paris Cedex 15, France.

ESA J. (Netherlands)
ESA Journal ESA Scientific & Technical Information Branch, ESTEC, Noordwijk, Netherlands.

ESARDA Bull. (Italy)
ESARDA Bulletin Commission of European Communities, Joint Research Centre, I-21020 Ispra, Italy.

ESF Synchrotron Radiat. News (France)
ESF Synchrotron Radiation News [Issued with: *Nucl. Instrum. Methods Phys. Res. (Netherlands)*]

ESO Messenger (Germany)
ESO Messenger European Southern Observatory, Karl-Schwarzschild-Strasse 2, D-85748 Garching bei Munchen, Germany.

ETA Elektrowaerme Tech. Ausbau A (Germany)
ETA Elektrowaerme im Technischen Ausbau, Edition A Vulkan-Verlag GmbH, Haus der Technik, Hollerstrasse 1g, Postfach 10 39 62, W-4300 Essen 1, Germany.

ETZ (Germany)
ETZ VDE-Verlag GmbH, Bismarckstrasse 33, 10625 Berlin, Germany.

Eur. Appl. Res. Rep. Nucl. Sci. Technol. Sect. (USA)
European Applied Research Reports, Nuclear Science Technology Section Published for the Commission of the European Communities by Harwood Academic Publishers, P.O. Box 786, Cooper Station, New York, NY 10003, USA.

Eur. Biophys. J. (Germany)
European Biophysics Journal Springer-Verlag, Postfach 10 52 80, D-69042 Heidelberg, Germany.

Eur. Electro-Opt. (USA)
European Electro-Optics [Issued with: *Laser Focus World (USA)*]

Eur. J. Eng. Educ. (UK)
European Journal of Engineering Education Carfax Publishing Co., P.O. Box 25, Abingdon, Oxon. OX14 3UE, UK.

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European Journal of Information Systems Operational Research Society, Neville House, Waterloo Street, Birmingham B2 5TX, UK.

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European Journal of Mineralogy Published for the Deutsche Mineralogische Gesellschaft, Societa Italiana di Mineralogia e Petrologia, Societe Francaise de Mineralogie et de Cristallographie in cooperation with the European Mineralogical Union by E. Schweizerbart'sche Verlagsbuchhandlung (Nagele u. Obermiller), Johannesstrasse 3A, W-7000 Stuttgart 1, Germany.

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European Journal of Operational Research Elsevier Science B.V., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

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European Transactions on Electrical Power Engineering VDE Verlag GmbH, Bismarckstrasse 33, W-1000 Berlin 12, Germany.

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EurOpen Newsl. (UK)
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Europhys. Lett. (Switzerland)
Europhysics Letters European Physical Society, P.O.Box 69, CH-1213 Petit Lancy 2, Switzerland.
Formed by merger of Lettere al Nuovo Cimento and Journal de Physique Lettres

Europhys. News (Switzerland)
Europhysics News European Physical Society, P.O.Box 69, CH-1213 Petit-Lancy 2, Switzerland.

Eval. Eng. (USA)
Evaluation Engineering Nelson Publishing Co., 2504 North Tamiami Trail, Nokomis, FL 34275-3482, USA.

Evans Rep. (Canada)
Evans Report Evans Research Corp., 2005 Sheppard Avenue E., 4th Floor, Willowdale, Ont. M2J 5B1, Canada.

EX Mag. (Germany)
EX Magazine R. Stahl GmbH & Co., P.O. Box 210, Bergstrasse 2, W-7118 Kunzelsau, Germany.

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Experimental Astronomy Kluwer Academic Publishers Group, P.O.Box 17, 3300 AA Dordrecht, Netherlands.
Supplement to Astrophysics and Space Science

Exp. Fluids (Germany)
Experiments in Fluids Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

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Experimental Heat Transfer Published for Hemisphere Publishing Corp., by Taylor & Francis Ltd., Rankine Road, Basingstoke, Hants. RG24 0PR, UK.

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Experimental Mechanics Society for Experimental Stress Analysis, 7 School Street, Bethel, CT 06801, USA.

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Expert Syst. Rev. (USA)
Expert Systems Review [Title changed to: *Int. J. Intell. Syst. Account. Financ. Manage. (UK)*]

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Expert Systems User Cromwell House, 20 Bride Lane, London EC4B 4AH, UK.

Explor. Geophys. (Australia)
Exploration Geophysics Blackwell Scientific Publications (Australia) Pty. Ltd., 54 University Street, Carlton, Vic. 3053, Australia.

Facil. Manager (UK)
Facilities Manager [Issued with: *Off. Equip. Index (UK)*]

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Faraday Discussions Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge CB4 4WF, UK.

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Faraday Symposia of the Chemical Society Faraday Division Burlington House, London W1V 0BN, UK.

Fatigue Fract. Eng. Mater. Struct. (UK)
Fatigue & Fracture of Engineering Materials & Structures Fatigue & Fracture Engineering Materials & Structures Ltd., Structural Integrity Research Institute, Faculty of Engineering, University of Sheffield, Mappin Street, Sheffield S1 3JD, UK.

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Fernseh- & Kino-Tech. (Germany)
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Ferroelectr. Lett. Sect. (UK)
Ferroelectrics Letters Section Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, UK.

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Few-Body Syst. (Austria)
Few-Body Systems Springer-Verlag Wien, Sachsenplatz 4-6, P.O.Box 89, A-1201 Wien, Austria.

Few-Body Syst. Suppl. (Austria)
Few-Body Systems Supplementum [Issued with: *Few-Body Syst. (Austria)*]

Fiber Integr. Opt. (USA)
Fiber and Integrated Optics Taylor & Francis, 3 East 44th Street, New York, NY 10017, USA.

Fiber Opt. Mag. (USA)
Fiber Optics Magazine Information Gatekeepers Inc., 214 Harvard Avenue, Boston, MA 02134, USA.

Fibre Opt. Commun. User Syst. (UK)
Fibre Optic Communications and User Systems F.O.C.U.S. Publishing, 'Cotswold', Kingston, Ringwood, Hants. BH24 3BQ, UK.

Financ. Account. Syst. (USA)
Financial & Accounting Systems Auerbach Publishers, One Penn Plaza, New York, NY 10119, USA.

Financ. Anal. J. (USA)
Financial Analysts Journal Association for Investment Management and Research, P.O.Box 3668, Charlottesville, VA 22903, USA.

Financ. Dir. (UK)
Financial Director VNU Business Publications, VNU House, 32-34 Broadwick Street, London W1A 2HG, UK.

Financ. Exec. (USA)
Financial Executive Financial Executives Institute, 10 Madison Avenue, P.O.Box 1938, Morristown, NJ 07960-1938, USA.
From Jan.-Feb. 1985 to April 1987 published under the title FE: The Magazine for Financial Executives

Financ. Technol. Insight (UK)
Financial Technology Insight Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Financ. World (USA)
Financial World Financial World Partners, 1328 Broadway, New York, NY 10001, USA.

Finite Elem. Anal. Des. (Netherlands)
Finite Elements in Analysis and Design Elsevier Science Publishers B.V., P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.

Finite Elem. News (UK)
Finite Element News Robinson and Associates, Great Bidlake Manor, Bridestowe, Okehampton, Devon EX20 4NT, UK.

FITCE J. (Belgium)
FITCE Journal FITCE Secretariat, Rue des Palais 42, B-1210 Brussels, Belgium.

Fiz. Elem. Chastits At. Yadra (Russia)
Fizika Elementarnykh Chastits i Atomnogo Yadra [English translation in: *Phys. Part. Nuclei (USA)*] 103031 Moskva K31, Ul. Zhlanova 5, Russia.
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Fiz. Goren. Vzryva (Russia)
Fizika Goreniya i Vzryva [English translation in: *Combust. Explos. Shock Waves (USA)*] Publication House 'Nauka', Siberian Division, Novosibirsk, Russia.
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Fizika i Khimiya Obrabotki Materialov [English translation in: *Phys. Chem. Mater. Treat. (UK)*] Izdatel'stvo 'Nauka' 103717 GSP Moskva, K-62, Podsosenskii Per., 21, Russia.
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Fiz. Plazmy (Russia)
Fizika Plazmy [English translation in: *Plasma Phys. Rep. (Russia)*] Izdatel stvo Nauka', 103717 Moskva, K-62 Podsosenskii 21, Russia.
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Fiz. Tekh. Poluprovodn. (Russia)
Fizika i Tekhnika Poluprovodnikov [English translation in: *Semiconductors (USA)*] Publisher: Academy of Sciences of the USSR, 'Nauka' Press, Moscow and Leningrad. Subscription address: Mezhdunarodnaya Kniga, Moskva, Russia.
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Flow Measurement and Instrumentation Butterworth-Heinemann Ltd., Linacre House, Jordan Hill, Oxford OX2 8DP, UK.

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Fluid Dynamics [Translation of: *Izv. Akad. Nauk SSSR Mekh. Zhidk. Gaza (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

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Fluid Dynamics Research Elsevier Science Publishers BV, P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Fluid Mech. Res. (USA)
Fluid Mechanics Research [Formerly: *Fluid Mech. - Sov. Res. (USA)*] Scripta Technica Inc., 605 Third Avenue, New York, NY 10158, USA.

Fluid Mech. - Sov. Res. (USA)
Fluid Mechanics - Soviet Research [Title changed to: *Fluid Mech. Res. (USA)*]

Folia Fac. Sci. Nat. Univ. Masarykiana Brun. Phys. (Czech Republic)
Folia Facultatis Scientiarum Naturalium Universitatis Masarykiana Brunensis: Physica Masaryk University, 61137 Brno-Kotlarska 2, Czech Republic.

Form. Asp. Comput. (UK)
Formal Aspects of Computing Springer-Verlag London Ltd., Sweetapple House, Cattleshall Road, Godlaming, Surrey GU7 3DJ, UK.

Form. Methods Syst. Des. (Netherlands)
Formal Methods in System Design Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Forsch.ber. Landes Nordrh.-Westfal. (Germany)
Forschungsberichte des Landes Nordrhein-Westfalen Westdeutscher Verlag, Gustav-Stresemann-Ring 12-16, 6200 Weisbaden 1, Germany.

Forth Dimens. (USA)
Forth Dimensions Forth Interest Group, 4800 Allendale Avenue, Oakland, CA 94619, USA.

Fortnightly (USA)
Fortnightly Public Utilities Reports Inc., P.O.Box 1110, Pearl River, NY 10965-9934, USA.
Prior to Oct. 1993 and since Aug. 1994 published under the title Public Utilities Fortnightly

Fortschr. Phys. (Germany)
Fortschritte der Physik Akademie-Verlag, Leipziger Strasse 3-4, P.O.Box 1233, D-10117 Berlin, Germany.

Found. Comput. Decis. Sci. (Poland)
Foundations of Computing and Decision Sciences Wydawnictwo Politechniki Poznanskiej, 60-965 Poznan, Pl. M. Sklodowskiej-Curie 2, Poland.

Found. Phys. (USA)
Foundations of Physics Plenum Publishing Co., 233 Spring Street, New York, NY 10013, USA.

Found. Phys. Lett. (USA)
Foundations of Physics Letters Plenum Publishing Corp., 233 Spring Street, New York, NY 10013-1578, USA.

Fr. Railw. Rev. (UK)
French Railway Review [Translation of: *Rev. Gen. Chemins Fer (France)*] North Oxford Academic Publishing Co. Ltd., 242 Banbury Road, Oxford OX2 7DW, UK.

Fra Fys. Verden (Norway)
Fra Fysikkens Verden Fysisk Institutt, Universitetet i Oslo, Postboks 1048, 0316 Blindern, Oslo 3, Norway.

Fractals (Singapore)
Fractals World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

Frequenz (Germany)
Frequenz Fachverlag Schiele und Schon GmbH, Markgrafenstrasse 11, D-10969 Berlin, Germany.

Fuji Electr. Rev. (Japan)
Fuji Electric Review Fuji Electric Co. Ltd., 1-12-1, Yurakucho, Chiyoda-ku, Tokyo, Japan.

Fujikura Tech. Rev. (Japan)
Fujikura Technical Review Fujikura Cable Works Ltd., 1-5-1, Kiba, Koto-ku, Tokyo, Japan.

Fujitsu (Japan)
Fujitsu Fujitsu Ltd., 1015 Kamikodanaka, Nakahara-ku, Kawasaki-shi, Kanagawa 211, Japan.

Fujitsu Sci. Tech. J. (Japan)
Fujitsu Scientific and Technical Journal Fujitsu Ltd., 1015 Kamikodanaka, Nakahara-ku, Kawasaki 211, Japan.

Fukuoka Univ. Rev. Technol. Sci. (Japan)
Fukuoka University Review of Technological Sciences Central Research Institute, Fukuoka University, Nanakuma, Jonan-ku, Fukuoka 814-01, Japan.

Fullerene Sci. Technol. (USA)
Fullerene Science and Technology Marcel Dekker Inc., P.O.Box 5005, Monticello, NY 12701-5185, USA.

Fundam. Cosm. Phys. (UK)
Fundamentals of Cosmic Physics Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, UK.

Fundam. Inform. (Netherlands)
Fundamenta Informaticae IOS Press, Van Diemenstraat 94, 1013 CN Amsterdam, Netherlands.

Funkschau (Germany)
Funkschau Franzis Verlag GmbH, Gruberstrasse 46 a, 85586 Poing, Germany.

Furukawa Electr. Rev. (Japan)
Furukawa Electric Review Furukawa Electric Co., 2-6-1 Marunochi, Chiyoda-ku, Tokyo, Japan.

Furukawa Rev. (Japan)
Furukawa Review Furukawa Electric Co. Ltd., 2-6-1 Marunouchi, Chiyoda-ku, Tokyo 100, Japan.

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Fusion Fusion Energy Foundation, P.O.Box 1438, Radio City Station, NY 10101, USA.

Fusion Eng. Des. (Netherlands)
Fusion Engineering and Design Elsevier Science Publishers B.V. (North-Holland Physics Publishing Division), P.O.Box 103, 1000 AC Amsterdam, Netherlands.

Fusion Technol. (USA)
Fusion Technology American Nuclear Society, 555 North Kensington Avenue, La Grange Park, IL 60525, USA.

Future Gener. Comput. Syst. (Netherlands)
Future Generation Computer Systems Elsevier Science Publishers B.V. (North-Holland), P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.

Fuzzy Sets Syst. (Netherlands)
Fuzzy Sets and Systems Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Fys. Tidsskr. (Denmark)
Fysisk Tidsskrift Subscription address: Jul. Gjellerups Boghandel, Solvgade 87, 1307 Kobenhavn, Denmark.

G. Fis. (Italy)
Giornale di Fisica Societa Italiana di Fisica, Presso l'Istituto di Fisica, Via P. Giuria 1, 10125 Torino, Italy.

Galileian Electrodyn. (USA)
Galileian Electrodynamics Box 251, Boulder, CO 80306, USA.

Galvanotechnik (Germany)
Galvanotechnik Eugen G. Leuze Verlag, Karlstrasse 4, D-88348 Saulgau (Wurtt.), Germany.

Games Econ. Behav. (USA)
Games and Economic Behavior Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

Gas Turbine World (USA)
Gas Turbine World Pequot Publishing Inc., 654 Hillside Road, Fairfield, CT 06430, USA.
Supersedes in part: Gas Turbine World & Cogeneration

Gaz. Mat. (Portugal)
Gazeta de Matematica Rue Diaro de Noticias, 134-1, Lisboa, Portugal.

GEC ALSTHOM Tech. Rev. (France)
GEC ALSTHOM Technical Review Revue Technique GEC ALSTHOM, Direction de la Communication, 38 avenue Kleber, 75795 Paris Cedex 16, France.

GEC J. Res. Inc. Marconi Rev. & Plessey Res. Rev. (UK)
GEC Journal of Research Incorporating the Marconi Review and the Plessey Research Review GEC-Marconi Research Centre, Great Baddow, Chelmsford, Essex CM2 8HN, UK.

GEC Rev. (UK)
GEC Review General Electric. Co. p.l.c., GEC Research Laboratories, Marconi Research Centre, Gt. Baddow, Chelmsford, Essex CM2 8HN, UK.

GEC Telecommun. (UK)
GEC Telecommunications GEC Telecommunications Ltd., P.O. Box 53, Coventry, CV3 1HJ, UK.

Geliotekhnika (Uzbekistan)
Geliotekhnika [English translation in: *Appl. Sol. Energy (USA)*] Academy of Sciences of the Uzbek SSR, Tashkent, Uzbekistan.
INSPEC coverage is from English translation

Gemini (UK)
Gemini Royal Greenwich Observatory, Madingley Road, Cambridge CB3 0EZ, UK.

Gen. Relativ. Gravit. (USA)
General Relativity and Gravitation Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

Genie Logiciel Syst. Experts (France)
Genie Logiciel & Systemes Experts EC2, Residence Garas, 269-287 rue de la Garenne, 9200 Nanterre, France.

Geochim. Cosmochim. Acta (UK)
Geochimica et Cosmochimica Acta Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Geofiz. Appar. (Russia)
Geofizicheskaya Apparatura Izdatel'stvo 'Nedra', Leningradskoe Otdelenie, Leningrad C-171, Ul. Farforovskaya 12, Russia.

Geofiz. Zh. (Ukraine)
Geofizicheskii Zhurnal [English translation in: *Geophys. J. (UK)*] Izdatel'stvo 'Naukova Dumka', 252601 Kiev GSP, Repina 3, Ukraine.
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GeoJournal (Netherlands)
GeoJournal Kluwer Academic Publishers, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Geol. Geofiz. (Russia)
Geologiya i Geofizika [English translation in: *Sov. Geol. Geophys. (USA)*] Akadamiya Nauk SSSR, Sibirskoe Otdelenie, Prospekt Nauki 21, Novosibirsk, Russia.
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Geol. J. (UK)
Geological Journal John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Geol. Mijnb. (Netherlands)
Geologie en Mijnbouw Kluwer Academic Publishers Group, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Geol. Surv. Finl. Bull. (Finland)
Geological Survey of Finland Bulletin Geological Survey of Finland (GSF), SF-02150 Espoo, Finland.

Geology (USA)
Geology Geological Society of America Inc., 3300 Penrose Place, Boulder, CO 80301-9140, USA.

Geomagn. Aeron. (Russia)
Geomagnetizm i Aeronomiya [English translation in: *Geomagn. Aeron. (USA)*] Akademiya Nauk SSSR, Leninskii Prospekt 14, Moskva, Russia.
INSPEC coverage is from English translation

Geomagn. Aeron. (USA)
Geomagnetism and Aeronomy [Translation of: *Geomagn. Aeron. (Russia)*] American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA.

Geomagn. Ser. Earth Phys. Branch (Canada)
Geomagnetic Series, Earth Physics Branch Energy, Mines and Resources Canada, 1 Observatory Crescent, Ottawa K1A OE4, Canada.

Geophys. Astrophys. Fluid Dyn. (Switzerland)
Geophysical and Astrophysical Fluid Dynamics Gordon and Breach Science Publishers S.A., Y-Parc, Chemin de la Sallaz, 1400 Yverdon, Switzerland.

Geophys. Explor. (Japan)
Geophysical Exploration Society of Exploration Geophysicists of Japan, San-esu Building, 2-2-18 Nakamagome, Ota-ku, Tokyo 143, Japan.

Geophys. J. (UK)
Geophysical Journal [Translation of: *Geofiz. Zh. (Ukraine)*] Gordon and Breach Science Publishers Ltd., c/o STBS, P.O.Box 90, Reading, Berks. RG1 8JL, UK.

Geophys. J. Int. (UK)
Geophysical Journal International Published for the Royal Astronomical Society, The Deutsche Geophysikalische Gesellschaft and the European Geophysical Society by Blackwell Scientific Publications Ltd., Osney Mead, Oxford OX2 0EL, UK.

Geophys. Mag. (Japan)
Geophysical Magazine Japan Meteorological Agency, Library Section, Ote-machi, Chiyoda-ku, Tokyo, Japan.

Geophys. Nor. (Norway)
Geophysica Norvegica Universitetsforlaget, P.O.Box 2959, Toyen, Oslo 6, Norway.

Geophys. Prospect. (Netherlands)
Geophysical Prospecting [Title changed to: *Geophys. Prospect. (UK)*]

Geophys. Prospect. (UK)
Geophysical Prospecting [Formerly: *Geophys. Prospect. (Netherlands)*] Blackwell Scientific Publications Ltd., Osney Mead, Oxford OX2 0EL, UK.

Geophys. Res. Lett. (USA)
Geophysical Research Letters American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA.

Geophys. Trans. (Hungary)
Geophysical Transactions Eotvos Lorand Geophysical Institute of Hungary, P.O.Box 35, H-1440 Budapest, Hungary.

Geophysics (USA)
Geophysics Society of Exploration Geophysicists, P.O.Box 702740, Tulsa, OK 74170-2740, USA.

GEOS Circ. Eclips. Bin. (France)
GEOS Circular on Eclipsing Binaries GEOS, 3 promenade Venezia, F-78000 Versailles, France.

GEOS Circ. RR Lyr Type Var. (France)
GEOS Circular on RR Lyr Type Variables GEOS, 3 promenade Venezia, F-78000 Versailles, France.

Geotechnics (Japan)
Geotechnics Geotechnical Research Office, Nippon Geophysical Prospecting Co. Ltd., 2-2-12, Nakamagome, Ohta-ku, Tokyo 143, Japan.

Geotectonics (USA)
Geotectonics [Translation of: *Geotektonika (Russia)*] American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA.

Geotektonika (Russia)
Geotektonika [English translation in: *Geotectonics (USA)*] Izdatel'stvo 'Nauka', 103717 GSP Moskva K-62, Podsosenskii Per. 21, Russia.
INSPEC coverage is from English translation

Geothermics (UK)
Geothermics Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Gerlands Beitr. Geophys. (Germany)
Gerlands Beitraege zur Geophysik Akademische Verlags-Gesellschaft Geest und Portig KG, Sternwartenstrasse 8, O-701 Leipzig 1, Germany.

Gidromekhanika (Ukraine)
Gidromekhanika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, Ukraine.

Gidrotekh. Stroit. (USSR)
Gidrotekhnicheskoe Stroitel'stvo [English translation in: *Hydrotech. Constr. (USA)*] Agent: Mezhdunarodnaya Kniga, Moskva, Russia.

GIS World (USA)
GIS World GIS World Inc., 155 E. Broadwalk Drive, Suite 250, Fort Collins, CO 80525, USA.

Glas. Mat. III (Croatia)
Glasnik Matematicki, Serija III Mathematics Department, University of Zagreb, Bijenicka 30, 41000 Zagreb, Croatia.

Glass Phys. Chem. (Russia)
Glass Physics and Chemistry [Formerly: *Sov. J. Glass Phys. Chem. (USA)*; Translation of: *Fiz. Khim. Stekla (Russia)*] Maik Nauka/Interperiodica Publishing, Profsoyuznaya ul. 90, Moscow 117864, Russia.

Glass Technol. (UK)
Glass Technology Society of Glass Technology, Thornton, Hallam Gate Road, Sheffield, S10 5BT, UK.

Glob. Planet. Change (Netherlands)
Global and Planetary Change Elsevier Science Publishers BV, P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Gov. Data Syst. (USA)
Government Data Systems Media Horizon Inc., 50 West 23rd Street, New York, NY 10010, USA.

Gov. Inf. Q. (UK)
Government Information Quarterly JAI Press Inc., 36 Sherwood Place, P.O.Box 1678, Greenwich, CT 06836-1678, UK.

Gov. Publ. Rev. (USA)
Government Publications Review [Title changed to: *J. Gov. Inf. (USA)*]

Graphs Comb. (Germany)
Graphs and Combinatorics Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

GTE Autom. Electr. World-Wide Commun. J. (USA)
GTE Automatic Electric World-Wide Communications Journal GTE Communication Systems, 2500 West Utopia Road, Phoenix, AZ 85027, USA.

Hadronic J. (USA)
Hadronic Journal Hadronic Press Inc., 35246 US 19 North 115, Palm Harbor, FL 34684, USA.

Hadronic J. Suppl. (USA)
Hadronic Journal Supplement Hadronic Press Inc., Nonantum, MA 02195, USA.

Handotai Kenkyujo Hokoku (Japan)
Handotai Kenkyujo Hokoku Semiconductor Research Foundation, Kawauchi, Sendai-shi, Miyagi 980, Japan.

Hands On (USA)
Hands On Technical Education Research Centres, 1696 Massachusetts Avenue, Cambridge, MA 02138, USA.

He Huaxue Yu Fangshe Huaxue (China)
He Huaxue Yu Fangshe Huaxue Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, China.

Health Manage. Technol. (USA)
Health Management Technology [Formerly: *Comput. Healthc. (USA)*] Argus Business, 6300 S. Syracuse Way, Suite 650, Englewood, CO 80111, USA.

Health Phys. (USA)
Health Physics Williams & Wilkins, 428 East Preston Street, Baltimore, MD 21202-3993, USA.

Health Serv. J. (UK)
Health Service Journal Hospital and Social Service Publications Ltd., 4 Little Essex Street, London WC2R 3LF, UK.

Healthc. Financ. Manage. (USA)
Healthcare Financial Management Healthcare Financial Management Association, Two Westbrook Corporate Center, Suite 700, Westchester, IL 60154, USA.

Hear. Res. (Netherlands)
Hearing Research Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Heat Recovery Syst. CHP (UK)
Heat Recovery Systems & CHP Pergmaon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, UK.

Heat Transf. - Jpn. Res. (USA)
Heat Transfer - Japanese Research Scripta Technica Inc., 605 Third Avenue, New York, NY 10158, USA.

Heat Transf. Res. (USA)
Heat Transfer Research Scripta Technica Inc., 605 Third Avenue, New York, NY 10158, USA.

Heat Treat. Met. (UK)
Heat Treatment of Metals Wolfson Heat Treatment Centre, University of Aston in Birmingham, Gosta Green, Birmingham B4 7ET, UK.

Helv. Phys. Acta (Switzerland)
Helvetica Physica Acta Schweizerische Physikalische Gesellschaft. Publisher: Birkhauser Verlag, Postfach 133, CH-4010 Basel 10, Switzerland.

Her. Libr. Sci. (India)
Herald of Library Science C-239 Indira Nagar, Lucknow 226016, India.

Hewlett-Packard J. (USA)
Hewlett-Packard Journal Hewlett-Packard Co., 3000 Hannover Street, Palo Alto, CA 94304, USA.

High Energy Phys. Nucl. Phys. (China)
High Energy Physics and Nuclear Physics Science Press, Beijing, China.

High Perform. Polym. (UK)
High Performance Polymers IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

High Press. Res. (Switzerland)
High Pressure Research Gordon and Breach Science Publishers S.A., Y-Parc, Chemin de la Sallaz, 1400 Yverdon, Switzerland.

High Temp. (Russia)
High Temperature [Formerly: *High Temp. (USA)*; Translation of: *Teplofiz. Vys. Temp. (Russia)*] MAIK Nauka/Interperiodica Publishing, Profsoyuznaya Ul. 90, Moscow 117864, Russia.

High Temp. (USA)
High Temperature [Title changed to: *High Temp. (Russia)*]

High Temp. - High Press. (UK)
High Temperatures - High Pressures Pion Ltd., 207 Brondesbury Park, London, NW2 5JN, UK.

High Temp. Sci. (USA)
High Temperature Science Humana Press Inc., P.O. Box 2148, Clifton, NJ 07015, USA.

Hiradastechnika (Hungary)
Hiradastechnika Lapkaido Vallalat, 1073 Budapest, Lenin Krt 9-11, Hungary.

Hitachi Rev. (Japan)
Hitachi Review Hitachi Ltd., 6 Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-10, Japan.

Hitachi Zosen Tech. Rev. (Japan)
Hitachi Zosen Technical Review Hitachi Zosen Technical Research Institute, 1-3-22 Sakurajima, Konohana-ku, Osaka 544, Japan.

Hong Kong Eng. (Hong Kong)
Hong Kong Engineer [Title changed to: *Asia Eng. (Hong Kong)*]

Horol. J. (UK)
Horological Journal British Horological Institute and the British Clock & Watch Association, Upton Hall, Upton, Newark NG23 5TE, UK.

HP.Omni (UK)
HP.Omni INFAR Ltd., Marine Road, Eastbourne, East Sussex BN22 7AU, UK.
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Hum.-Comput. Interact. (USA)
Human-Computer Interactions Lawrence Erlbaum Associates Inc., Box 237, 365 Broadway, Hillsdale, NJ 07642, USA.

Hum. Factors (USA)
Human Factors Human Factors Society Inc., P.O. Box 1369, Santa Monica, CA 90406, USA.

Hum. Mov. Sci. (Netherlands)
Human Movement Science Elsevier Science Publishers (North-Holland), P.O.Box 103, 1000 AC Amsterdam, Netherlands.

Hum. Syst. Manage. (Netherlands)
Human Systems Management IOS Press, Van Diemenstraat 94, 1013 CN Amsterdam, Netherlands.

Hybrid Circuits (UK)
Hybrid Circuits Wela Publications Ltd., Asahi House, 10 Church Road, Port Erin, Isle of Man, UK.

Hydraul. Pneum. (USA)
Hydraulics and Pneumatics Penton Publishing Inc., 1100 Superior Avenue, Cleveland, OH 44114-2543, USA.

Hydrol. Process. (UK)
Hydrological Processes John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Hydrotech. Constr. (USA)
Hydrotechnical Construction [Translation of: *Gidrotekh. Stroit. (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Hyperfine Interact. (Switzerland)
Hyperfine Interactions J.C. Baltzer AG, Scientific Publishing Co., Wettsteinplatz 10, CH-4058 Basel, Switzerland.

Hypermedia (UK)
Hypermedia Taylor Graham Publishing, 500 Chesham House, 150 Regent Street London W1R 5FA, UK.

I/S Anal. (USA)
I/S Analyzer United Communications Group, 11300 Rockville Pike, Suite 1100, Rockville, MD 20852-3030, USA.

I&CS (USA)
I&CS Chilton Co., Chilton Way, Radnor, PA 19089, USA.

I&T Mag. (Belgium)
I&T Magazine [Formerly: *XIII Mag. (Belgium)*] European Commission DGXIII, Room BU 24-1/3, 200 rue de la Loi, B-1049 Brussels, Belgium.

IAEA Bull. (Austria)
IAEA Bulletin International Atomic Energy Agency, Wagramerstrasse 5, P.O.Box 100, A-1400 Vienna, Austria.

IAEA News Features (Austria)
IAEA News Features Division of Nuclear Fuel Cycle and Waste Management, P.O.Box 100, A-1400 Vienna, Austria.

IATUL Proc. New Ser. (Denmark)
IATUL Proceedings, New Series [Formerly: *IATUL Proc. New Ser. (UK)*] IATUL Publications Bureau, c/o National Technological Library of Denmark, Anker Engelunds Vej 1, DK 2800 Lyngby, Denmark.

IATUL Proc. New Ser. (UK)
IATUL Proceedings (New Series) [Title changed to: *IATUL Proc. New Ser. (Denmark)*]

IBA Tech. Rev. (UK)
IBA Technical Review Independent Broadcasting Authority, 70 Brompton Road, London, SW3 1EY, UK.

IBM J. Res. Dev. (USA)
IBM Journal of Research and Development International Business Machines Corporation, Corporate Technical Publications, Armonk, New York, NY 10504, USA.

IBM Nachr. (Germany)
IBM Nachrichten IBM Deutschland GmbH, 7000 Stuttgart 80, Postfach 800880, Germany.

IBM Syst. J. (USA)
IBM Systems Journal International Business Machines Corporation, Armonk, New York, NY 10504, USA.

IBM Syst. User (UK)
IBM System User IBM System User, 4th Floor, 12 Sutton Row, London W1V 5FH, UK.

IBS Asian Electron. News (Taiwan)
IBS Asian Electronics News IBS Publications Ltd., Computer Service Department, P.O.Box 55-879, Taipei, Taiwan.

Icarus (USA)
Icarus Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

ICL Tech. J. (UK)
ICL Technical Journal [Title changed to: *Ingenuity (UK)*]

ICL Today (UK)
ICL Today ICL Today Ltd., 99 Gray's Inn Road, London WC1X 8UT, UK.

ID Syst. Eur. Ed. (USA)
ID Systems European Edition Helmers Publishing Inc., 174 Concord Street, P.O.Box 874, Peterborough, NH 03458-0874, USA.

IEC Bull. (Switzerland)
IEC Bulletin International Electrotechnical Commission, 3 rue de Varembe, P.O.Box 131, 1211 Geneva 20, Switzerland.

IEE Proc. A, Sci. Meas. Technol. (UK)
IEE Proceedings A (Science, Measurement and Technology) [Title changed to: *IEE Proc., Sci. Meas. Technol. (UK)*]

IEE Proc. B, Electr. Power Appl. (UK)
IEE Proceedings B (Electric Power Applications) [Title changed to: *IEE Proc., Electr. Power Appl. (UK)*]

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IEE Proceedings C (Generation, Transmission and Distribution) [Title changed to: *IEE Proc., Gener. Transm. Distrib. (UK)*]

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IEE Proceedings-Circuits, Devices and Systems [Formerly: *IEE Proc. G, Circuits Devices Syst. (UK)*] Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

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IEE Proc. D, Control Theory Appl. (UK)
IEE Proceedings D (Control Theory and Applications) [Title changed to: *IEE Proc., Control Theory Appl. (UK)*]

IEE Proc. E, Comput. Digit. Tech. (UK)
IEE Proceedings E (Computers and Digital Techniques) [Title changed to: *IEE Proc., Comput. Digit. TEch. (UK)*]

IEE Proc., Electr. Power Appl. (UK)
IEE Proceedings-Electric Power Applications [Formerly: *IEE Proc. B, Electr. Power Appl. (UK)*] Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

IEE Proc. F, Radar Signal Process. (UK)
IEE Proceedings F (Radar and Signal Processing) [Title changed to: *IEE Proc., Radar Sonar Navig. (UK)*]

IEE Proc. G, Circuits Devices Syst. (UK)
IEE Proceedings G (Circuits, Devices and Systems) [Title changed to: *IEE Proc., Circuits Devices Syst. (UK)*]

IEE Proc., Gener. Transm. Distrib. (UK)
IEE Proceedings-Generation, Transmission and Distribution [Formerly: *IEE Proc. C, Gener. Transm. Distrib. (UK)*] Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

IEE Proc. H, Microw. Antennas Propag. (UK)
IEE Proceedings H (Microwaves, Antennas and Propagation) [Title changed to: *IEE Proc., Microw. Antennas Propag. (UK)*]

IEE Proc. I, Commun. Speech Vis. (UK)
IEE Proceedings I (Communications, Speech and Vision) [Title changed to: *IEE Proc., Commun. (UK)*]

IEE Proc. J, Optoelectron. (UK)
IEE Proceedings J (Optoelectronics) [Title changed to: *IEE Proc., Optoelectron. (UK)*]

IEE Proc., Microw. Antennas Propag. (UK)
IEE Proceedings - Microwaves, Antennas and Propagation [Formerly: *IEE Proc. H, Microw. Antennas Propag. (UK)*] Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

IEE Proc., Optoelectron. (UK)
IEE Proceedings-Optoelectronics [Formerly: *IEE Proc. J, Optoelectron. (UK)*] Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

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IEE Proceedings - Radar, Sonar and Navigation [Formerly: *IEE Proc. F, Radar Signal Process. (UK)*] Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

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IEE Review Institution of Electrical Engineers, Savoy Place, London WC2R 0BL, UK.

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IEEE/ACM Transactions on Networking Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

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IEEE Antennas and Propagation Magazine Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

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IEEE Circuits and Devices Magazine Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.
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IEEE Communications Magazine Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

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IEEE Computer Graphics and Applications Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

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IEEE Control Systems Magazine Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

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IEEE Design & Test of Computers IEEE Computer Society, 10662 Los Vaqueros Circle, Los Alamitos, CA 90720, USA.

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IEEE Microwave and Guided Wave Letters Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

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IEEE Personal Communications Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

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IEEE Transactions on Circuits and Systems I: Fundamental Theory and Applications Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.
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IEEE Transactions on Electrical Insulation [Title changed to: *IEEE Trans. Dielectr. Electr. Insul. (USA)*]

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IEEE Transactions on Electromagnetic Compatibility Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

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IEEE Transactions on Very Large Scale Integration (VLSI) Systems Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

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IEEE Translation Journal on Magnetics in Japan Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEMA J. (India)
IEEMA Journal Indian Electrical and Electronics Manufacturers' Association, 501 Kakad Chambers, 132 Dr. Annie Besant Road, Worlei, Bombay 400 018, India.

IEICE Trans. Commun. (Japan)
IEICE Transactions on Communications IEICE, Kikai-Shinko-Kaikan Bldg., 5-8 Shibakoen 3-chome, Minato-ku, Tokyo 105, Japan.
Contains original contributions in English and abridged version in English of papers and letters published in Japanese in Transactions of the Institute of Electronics, Information and Communication Engineers B-I and B-II. Supersedes in part IEICE Transactions

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IEICE Transactions on Electronics IEICE, Kika-Shinko-Kaikan Bldg., 5-8 Shibakoen 3-chome, Minato-ku, Tokyo 105, Japan.
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IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences IEICE, Kikai-Shinko-Kaikan Bldg., 5-8 Shibakoen 3 chome, Minato-ku, Tokyo 105, Japan.
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IES Journal Institution of Engineers, Singapore, 70 Bukit Tinggi Road, Singapore 1128, Singapore.

IETE Tech. Rev. (India)
IETE Technical Review Institution of Electronics and Telecommunication Engineers, 2 Institutional Area, Lodi Road, New Delhi 110 003, India.

IFIP Trans. A, Comput. Sci. Technol. (Netherlands)
IFIP Transactions A (Computer Science and Technology) Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

IFIP Trans. B, Appl. Technol. (Netherlands)
IFIP Transactions B (Applications in Technology) Elsevier Science Publishers B.V., P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.

IFIP Trans. C, Commun. Syst. (Netherlands)
IFIP Transactions C (Communication Systems) Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

IIE Trans. (USA)
IIE Transactions Institute of Industrial Engineers Inc., 25 Technology Park/Atlanta, Norcross, GA 30092, USA.

III-Vs Rev. (UK)
III-Vs Review Elsevier Advanced Technology, 256 Banbury Road, Oxford OX2 7DH, UK.

IMA J. Appl. Math. (UK)
IMA Journal of Applied Mathematics Oxford University Press, Walton Street, Oxford OX2 6DP, UK.

IMA J. Math. Control Inf. (UK)
IMA Journal of Mathematical Control and Information Oxford University Press, Walton Street, Oxford, OX2 6DP, UK.

IMA J. Numer. Anal. (UK)
IMA Journal of Numerical Analysis Published for the Institute of Mathematics and its Applications by Oxford University Press, Walton Street, Oxford OX2 6DP, UK.

Image Process. (UK)
Image Processing European Technology Publishing Ltd., 72 New Bond Street, London W1Y 9DD, UK.
Published with Systems International

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Image Technology British Kinematograph, Sound and Television Society, M6-14 Victoria House, Vernon Place, London WC1B 4DF, UK.

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Image and Vision Computing Butterworth-Heinemann Ltd., Linacre House, Jordan Hill, Oxford OX2 8DP, UK.

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IMC J. (USA)
IMC Journal International Information Management Congress, 1650 38th Street, Suite 205W, Boulder, CO 80301, USA.

Impact Comput. Sci. Eng. (USA)
Impact of Computing in Science and Engineering Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

Inc. (USA)
Inc. Inc. Publishing Co., 38 Commercial Warf, Boston, MA 02110, USA.

Increm. Motion Control Syst. Devices Newsl. (USA)
Incremental Motion Control Systems and Devices Newsletter University of Illinois, Urbana, IL 61801, USA.

Ind.-Anz. (Germany)
Industrie-Anzeiger Konradin Verlag Robert Kohlhammer GmbH, Ernst-Mey-Strasse 8, Postfach 10 02 52, 70771 Leinfelden-Echterdingen, Germany.

Ind. Ceram. (Italy)
Industrial Ceramics [Issued with: *Ceram. Int. (Italy)*]

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Ind. Eng. (USA)
Industrial Engineering American Institute of Industrial Engineers, 25 Technology Park/Atlanta, Norcross, GA 30092, USA.

Ind. Eng. Chem. Res. (USA)
Industrial & Engineering Chemistry Research American Chemical Society, 1155 Sixteenth Street, N.W., Washington, DC 20036, USA.
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Industrial Laboratory [Translation of: *Zavod. Lab. (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

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Ind. Math. (USA)
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Industrial Robot MBC University Press Ltd., 62 Toller Lane, Bradford, West Yorks. BD8 9BY, UK.

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Indian J. Chem. Technol. (India)
Indian Journal of Chemical Technology Publications & Information Directorate, CSIR, Dr. K.S. Krishnan Marg, New Delhi 110 012, India.
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Indian Journal of Marine Sciences Council of Scientific & Industrial Research. Editorial address: Publications & Information Directorate, Hillside Road, New Delhi-12, India.

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Indian Journal of Power and River Valley Development 6-2 Madan Street, Calcutta 700072, India.

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Indian Journal of Pure and Applied Mathematics Indian National Science Academy, Bahadur Shah Zafar Marg, New Delhi 110002, India.

Indian J. Pure Appl. Phys. (India)
Indian Journal of Pure and Applied Physics Sales & Distribution Officer, Publications & Information Directorate, CSIR, Hillside Road, New Delhi 110012, India.

Indian J. Radio Space Phys. (India)
Indian Journal of Radio & Space Physics Sales & Distribution Officer, Publications & Information Directorate, CSIR, Hillside Road, New Delhi 110012, India.

Indian J. Technol. (India)
Indian Journal of Technology Publications & Information Directorate, CSIR, Dr. K.S. Krishnan Marg, New Delhi 110 012, India.
Journal split into: Indian Journal of Chemical Technology and Indian Journal of Engineering and Materials Sciences

Indian J. Theor. Phys. (India)
Indian Journal of Theoretical Physics Institute of Theoretical Physics, Bognan Kutir, 4-1 Mohan Bagan Lane, Calcutta 700004, India.

Indicizzazione (Italy)
Indicizzazione Biblioteca Statale del Popolo, Via del Teatro Romano 17, 34121 Trieste, Italy.

Inf. Bull. Var. Stars (Hungary)
Information Bulletin on Variable Stars Commission 27 of the I.A.U., Konkoly Observatory, Budapest, Hungary.

Inf. Comput. (USA)
Information and Computation Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

Inf. Decis. Technol. (Netherlands)
Information and Decision Technologies Elsevier Science Publishers B.V. (North-Holland), P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Inf. Dev. (UK)
Information Development Bowker-Saur Ltd., Maypole House, Maypole Road, East Grinstead, West Sussex RH19 1HH, UK.

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Information Display Palisades Institute for Research Services Inc., 201 Varick Street, New York, NY 10014, USA.

Inf. Econ. Policy (Netherlands)
Information Economics and Policy Elsevier Science Publishers B.V. (North-Holland), P.O.Box 211, 1000 AE Amsterdam, Netherlands.

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Information Executive Data Processing Management Association, 505 Busse Highway, Park Ridge, IL 60068-3191, USA.
Incorporates Data Management

Inf. Intell. Online Newsl. (USA)
Information Intelligence Online Newsletter Information Intelligence Inc., P.O.Box 31098, Phoenix, AZ 85046, USA.

Inf. Librariansh. (Israel)
Information & Librarianship [Formerly: *Bull. Isr. Soc. Spec. Libr. Inf. Cent. (Israel)*] Israel Society of Special Libraries and Information Centers, P.O.Box 43074, Tel-Aviv 61430, Israel.

Inf. Manage. (Netherlands)
Information and Management Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Inf. Manage. Bull. (USA)
Information Management Bulletin Idea Group Publishing, Olde Liberty Square, 4811 Jonestown Road, Suite 230, Harrisburg, PA 17109, USA.

Inf. Manage. Comput. Secur. (UK)
Information Management & Computer Security MCB University Press, 60/62 Toller Lane, Bradford, West Yorks. BD8 9BY, UK.

Inf. Manage. Technol. (UK)
Information Management & Technology Cimtech Ltd., University of Hertfordshire, College Lane, Hatfield, Herts. AL10 9AD, UK.

Inf. MIDEM (Slovenia)
Informacije MIDEM Elektrotehniska zveza Slovenije, Titova 50, 61000 Ljubljana, Slovenia.

Inf. Process. Lett. (Netherlands)
Information Processing Letters Elsevier Science Publishers B.V. (North-Holland), P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Inf. Process. Manage. (UK)
Information Processing & Management Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Inf. Referral, J. Alliance Inf. Referral Syst. (USA)
Information and Referral: Journal of the Alliance of Information Referral Systems AIRS, P.O.Box 3546, Joliet, IL 60434-3546, USA.

Inf. Resour. Manage. J. (USA)
Information Resources Management Journal Idea Group Publishing, Olde Liberty Square, 4811 Jamestown Road, Suite 230, Harrisburg, PA 17109, USA.

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Information Sciences Elsevier Science Publishing Co. Inc., 655 Avenue of the Americas, New York, NY 10010, USA.

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Information Services & Use IOS Press, Van Diemenstraat 94, 1013 CN Amsterdam, Netherlands.

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Information Society Taylor & Francis, 1900 Frost Road, Suite 101, Bristol, PA 19007, USA.

Inf. Softw. Technol. (UK)
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Information Strategy: The Executive's Journal Auerbach Publishers Inc., Warren Gorham Lamont, 31 St. James Avenue, Boston, MA 02116, USA.

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Informatica y Automatica Asociacion Espanola de Informatica y Automatica, Hortaleza 104, 28004 Madrid, Spain.

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Informatik Spektrum Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

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Informatique Theorique et Applications C.D.R./Centrale des Revues, 11 rue Gossin, 92543 Montrouge Cedex, France.

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Informatica (Slovenia)
Informatica Slovene Society Informatika, Vozarski pot 12, 61000 Ljubljana, Slovenia.

Informatie (Netherlands)
Informatie Kluwer Bedrijfswetenschappen, Postbus 23, 7400 GA Deventer, Netherlands.

InformationWEEK (USA)
InformationWEEK CMP Publications Inc., 600 Community Drive, Manhasset, NY 11030, USA.

Informatization Public Sect. (Netherlands)
Informatization and the Public Sector IOS Press, Van Diemenstraat 94, 1013 CN Amsterdam, Netherlands.

Informatologia (Croatia)
Informatologia Institute for Information Sciences, 3 Trg Marsala Tita, P.O.Box 327, 41001 Zagreb, Croatia.

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Infowelt Postfach 400 429, Friedrichstrasse 31, 8000 Munchen 40, Germany.

InfoWorld (USA)
InfoWorld InfoWorld Publishing Co., 155 Bovet Road, Suite 800, San Mateo, CA 94402, USA.

Infrared Phys. (UK)
Infrared Physics [Title changed to: *Infrared Phys. Technol. (UK)*]

Infrared Phys. Technol. (UK)
Infrared Physics & Technology [Formerly: *Infrared Phys. (UK)*] Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Ing. Electr. Mec. (Venezuela)
Ingenieria Electrica y Mecanica Organo de la Associacion Venezolana de Ingenieros Electricos y Mecanicos, Apartado 6255, Caracas, Venezuela.

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Ingenieria Mecanica y Electrica Asociacion Mexicana de Ingenieros Mecanicos y Electricistas, Culiacan 115, Mexico 11, D.F, Mexico.

Ingenuity (UK)
Ingenuity [Formerly: *ICL Tech. J. (UK)*] International Computers Ltd., ICL House, 1 High Street, Putney, London SW15 1SW, UK.

Inorg. Mater. (Russia)
Inorganic Materials [Formerly: *Inorg. Mater. (USA)*; Translation of: *Neorg. Mater. (Russia)*] MAIK Nauka/Interperiodica Publishing, Profsouyznaya Ul. 90, Moscow 117864, Russia.

Inorg. Mater. (USA)
Inorganic Materials [Title changed to: *Inorg. Mater. (Russia)*]

Inside Word Windows (UK)
Inside Word for Windows Cobb Group UK, Subs. Department, Tower House, Sovereign Park, Market Harborough, Leics. LE16 9EF, UK.

INSPEL (Germany)
INSPEL Technische Universitat Berlin, Universitatsbibliothek, Abt. Publikationen, Strasse des 17 Juni 135, D-1000 Berlin 12, Germany.

Inst. Forum (UK)
Institute Forum Chameleon Press Ltd., 5-25 Burr Road, London SW18 4SG, UK.

Inst. R. Meteorol. Belg. Bull. Trimest. Obs. Ozone (Belgium)
Institut Royal Meteorologique de Belgique Bulletin Trimestriel Observations d'Ozone Avenue Circulaire 3, 1180 Bruxelles, Belgium.

Instrum. Exp. Tech. (USA)
Instruments and Experimental Techniques [Translation of: *Prib. Tekh. Eksp. (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

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Instrum. Rev. (UK)
Instrumentation Review ABB Instrumentation, Lea Road, Luton, Beds. LU1 3AE, UK.

Instrum. Sci. Technol. (USA)
Instrumentation Science and Technology [Formerly: *Anal. Instrum. (USA)*] Marcel Dekker Inc., P.O.Box 5005, Monticello, NY 12701-5185, USA.

Instrumentation (USA)
Instrumentation Honeywell Inc., Fort Washington, Philadelphia, PA 19034, USA.

Insur. Math. Econ. (Netherlands)
Insurance Mathematics & Economics Elsevier Science Publishers B.V. (North-Holland), P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.

Int. Appl. Mech. (USA)
International Applied Mechanics [Translation of: *Prikl. Mekh. (Ukraine)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Int. Astron. Union Circ. (USA)
International Astronomical Union Circular IAU Central Telegram Bureau, Smithsonian Observatory, Cambridge, MA 02138, USA.

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International Broadcast Engineer International Trade Publications Ltd., Queensway House, 2 Queensway, Redhill, Surrey RH1 1QS, UK.

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Int. Commun. Heat Mass Transf. (UK)
International Communications in Heat and Mass Transfer Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Int. Comput. Law Advis. (USA)
International Computer Law Adviser Law & Technology Press, P.O.Box 3280, Manhattan Beach, CA 90266, USA.

Int. Forum Inf. Doc. (Russia)
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Int. J. Algebra Comput. (Singapore)
International Journal of Algebra and Computation World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

Int. J. Ambient Energy (UK)
International Journal of Ambient Energy Ambient Press Ltd., P.O.Box 25, Lutterworth, Leics. LE17 4FF, UK.

Int. J. Appl. Electromagn. Mater. (Netherlands)
International Journal of Applied Electromagnetics in Materials Elsevier Science Publishers B.V., P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.

Int. J. Appl. Expert Syst. (UK)
International Journal of Applied Expert Systems Taylor Graham, 500 Chesham House, 150 Regent Street, London W1R 5FA, UK.

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Int. J. Commun. Syst. (UK)
International Journal of Communication Systems [Formerly: *Int. J. Digit. Analog Commun. Syst. (UK)*] John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

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International Journal of Control Taylor and Francis Ltd., 4 John Street, London WC1N 2ET, UK.

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Int. J. Digit. Analog Commun. Syst. (UK)
International Journal of Digital and Analog Communication Systems [Title changed to: *Int. J. Commun. Syst. (UK)*]

Int. J. Electr. Eng. Educ. (UK)
International Journal of Electrical Engineering Education Manchester University Press, Oxford Road, Manchester M13 9PL, UK.

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International Journal of Electrical Power & Energy Systems Butterworth-Heinemann Ltd., Linacre House, Jordan Hill, Oxford OX2 8DP, UK.

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Int. J. Energy Syst. (USA)
International Journal of Energy Systems [Title changed to: *Int. J. Power Energy Syst. (USA)*]

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International Journal of Engineering Education Tempus Publications, Berliner Tor 21, 20099 Hamburg, Germany.

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International Journal of Engineering Science Elsevier Science Ltd., The Boulevard, Langford Lane. Kidlington, Oxford OX5 1GB, UK. Incorporates Letters in Applied & Engineering Sciences

Int. J. Expert Syst. Res. Appl. (USA)
International Journal of Expert Systems Research and Applications JAI Press Inc., 55 Old Post Road - No.2, P.O.Box 1678, Greenwich, CT 06836-1678, USA.

Int. J. Fatigue (UK)
International Journal of Fatigue Butterworth-Heinemann Ltd., Linacre House, Jordan Hill, Oxford OX2 8DP, UK.

Int. J. Flexible Manuf. Syst. (Netherlands)
International Journal of Flexible Manufacturing Systems Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Int. J. Forecast. (Netherlands)
International Journal of Forecasting Elsevier Science Publishers B.V. (North-Holland), P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.

Int. J. Found. Comput. Sci. (Singapore)
International Journal of Foundations of Computer Science World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

Int. J. Fract. (Netherlands)
International Journal of Fracture Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Int. J. Game Theory (Austria)
International Journal of Game Theory Physica Verlag Rudolf Liebing KG, A-1010 Wien, Seilerstaette 18, Austria.

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International Journal of Global Energy Issues Inderscience Enterprises Ltd., World Trade Center Building, Avenue Louis Casai, Case Postale 306, CH-1215 Geneva Airport, Switzerland.

Int. J. Heat Fluid Flow (USA)
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International Journal on Information and Management Sciences Graduate Institute of Management Sciences, Room 412, Tamkang University, Taipei, Taiwan 10606, Taiwan.

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International Journal of Infrared and Millimeter Waves Plenum Publishing Co., 233 Spring Street, New York, NY 10013, USA.

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International Journal of Intelligent & Cooperative Information Systems World Scientific Publishing co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

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International Journal of Intelligent Systems John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10011, USA.

Int. J. Intell. Syst. Account. Financ. Manage. (UK)
International Journal of Intelligent Systems in Accounting, Finance and Management [Formerly: *Expert Syst. Rev. (USA)*] John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Int. J. Man-Mach. Stud. (UK)
International Journal of Man-Machine Studies [Title changed to: *Int. J. Hum.-Comput. Stud. (UK)*]

Int. J. Mass Spectrom. Ion Process. (Netherlands)
International Journal of Mass Spectrometry and Ion Processes Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Int. J. Mater. Prod. Technol. (Switzerland)
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Int. J. Math. Educ. Sci. Technol. (UK)
International Journal of Mathematical Education in Science and Technology Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, UK.

Int. J. Mech. Sci. (UK)
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International Journal of Microcircuits and Electronic Packaging International Society for Hybrid Microelectronics, P.O.Box 2698, Reston, VA 22090-0698, USA.

Int. J. Microgr. Opt. Technol. (UK)
International Journal of Micrographics and Optical Technology Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Int. J. Microw. Millim.-Wave Comput.-Aided Eng. (UK)
International Journal of Microwave and Millimeter-Wave Computer-Aided Engineering John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Int. J. Mini Microcomput. (USA)
International Journal of Mini and Microcomputers Acta Press, P.O.Box 2481, Anaheim, CA 92804, USA.

Int. J. Mod. Phys. A (Singapore)
International Journal of Modern Physics A World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O. Box 128, Singapore 9128, Singapore.

Int. J. Mod. Phys. B (Singapore)
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International Journal of Modern Physics C (Physics and Computers) World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

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Int. J. Numer. Methods Fluids (UK)
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International Journal of Pattern Recognition and Artificial Intelligence World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

Int. J. Phys. Distrib. Logist. Manage. (UK)
International Journal of Physical Distribution & Logistics Management MCB University Press Ltd., 62 Toller Lane, Bradford BD8 9BY, UK.

Int. J. Plast. (UK)
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Int. J. Power Energy Syst. (USA)
International Journal of Power and Energy Systems [Formerly: *Int. J. Energy Syst. (USA)*] IASTED, P.O.Box 2481, Anaheim, CA 92814, USA.

Int. J. Press. Vessels Pip. (UK)
International Journal of Pressure Vessels and Piping Elsevier Science Publishers Ltd., Crown House, Linton Road, Barking, Essex IG11 8JU, UK.

Int. J. Prod. Econ. (Netherlands)
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Int. J. Quantum Chem. Quantum Biol. Symp. (USA)
International Journal of Quantum Chemistry, Quantum Biology Symposium [Issued with: *Int. J. Quantum Chem. (USA)*]

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International Journal of Self-Propagating High-Temperature Synthesis Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

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International Journal of Software Engineering and Knowledge Engineering World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

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International Journal of Solar Energy Harwood Academic Publishers GmbH, Y-Parc, Chemin de la Sallaz, 1400 Yverdon, Switzerland.

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International Journal of Solids and Structures Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

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International Journal of Systems Automation: Research & Applications Ablex Publishing Corp., 355 Chestnut Street, Norwood, NJ 07648, USA.

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International Journal of Systems Science Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, UK.

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International Journal of Technology Management Inderscience Enterprises Ltd., World Trade Center Building, 110 Avenue Louis Casai, Case Postale 306, CH 1215 Geneva-Aeroport, Switzerland.

Int. J. Theor. Phys. (USA)
International Journal of Theoretical Physics Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

Int. J. Thermophys. (USA)
International Journal of Thermophysics Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

Int. J. Veh. Des. (Switzerland)
International Journal of Vehicle Design Inderscience Enterprises Ltd., World Trade Center Building, 110 Avenue Louis Casai, Case Postale 306, CH-1215 Geneva-Aeroport, Switzerland.

Int. J. Wirel. Inf. Netw. (USA)
International Journal of Wireless Information Networks Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

Int. Manage. (UK)
International Management Reed Business Publishing, Quadrant House, The Quadrant, Sutton, Surrey SM2 5AS, UK.

Int. Mater. Rev. (UK)
International Materials Reviews Institute of Metals, 1 Carlton House Terrace, London SW1Y 5DB, UK.

Int. Power Gener. (UK)
International Power Generation International Trade Publications Ltd., Queensway House, 2 Queensway, Redhill, Surrey RH1 1QS, UK.

Int. Water Power Dam Constr. (UK)
International Water Power & Dam Construction IPC Electrical-Electronic Press Ltd., Quadrant House, The Quadrant, Sutton, Surrey SM2 5AS, UK.

InTech (USA)
InTech Instrument Society of America, 67 Alexander Drive, P.O.Box 12277, Research Triangle Park, NC 27709, USA.

Integr. Comput.-Aided Eng. (USA)
Integrated Computer-Aided Engineering John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158-0012, USA.

Integr. Ferroelectr. (UK)
Integrated Ferroelectrics Gordon and Breach Science Publishers, P.O.Box 197, London WC2E 9PX, UK.

Integr. Manuf. Syst. (UK)
Integrated Manufacturing Systems IFS Publications, Wolseley Road, Wolseley Business Park, Kempston, Bedford MK42 7PW, UK.

Integr. VLSI J. (Netherlands)
Integration, The VLSI Journal Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Intell. Instrum. Comput. (USA)
Intelligent Instruments & Computers Elsevier Science Publishing Co. Inc., 655 Avenue of the Americas, New York, NY 10010, USA. Merged into Chemometrics and Intelligent Laboratory Systems: Laboratory Information Management

Intell. Syst. Eng. (UK)
Intelligent Systems Engineering Co-Published by the British Computer Society and the Institution of Electrical Engineers, UK.

Intell. Tutor. Media (UK)
Intelligent Tutoring Media Intellects Books, 108-110 London Road, Oxford OX3 9AW, UK.

Inter Connex. (France)
Inter Connexion Groupement Syndicat des Industries de Materials d'Equipement Electrique, 11 Rue Hamelin, 75783 Paris 6, France.

Interact. Comput. (UK)
Interacting with Computers Butterworth-Heinemann Ltd., Linacre House, Jordan Hill, Oxford OX2 8DP, UK.

Interactions (USA)
Interactions Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

Interavia (Engl. Ed.) (Switzerland)
Interavia (English Edition) [Title changed to: *Interavia Aerosp. World (Switzerland)*]

Interavia Aerosp. World (Switzerland)
Interavia Aerospace World [Title changed to: *Interavia Bus. Technol. (Switzerland)*]

Interavia Bus. Technol. (Switzerland)
Interavia Business & Technology [Formerly: *Interavia Aerosp. World (Switzerland)*] Swissair Centre, 31 Route de l'Aeroport, P.O.Box 437, 1215 Geneva 15, Switzerland.

interConnect. Technol. (USA)
interConnection Technology [Title changed to: *Connect. Specif. (USA)*]

Interface (Netherlands)
Interface [Title changed to: *J. New Music Res. (Netherlands)*]

Interface, Comput. Educ. Q. (USA)
Interface: The Computer Education Quarterly Mitchell Publishing Inc., 55 Penny Lane, Suite 103, Watsonville, CA 95076, USA.

Interface Sci. (Netherlands)
Interface Science Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Interfaces (USA)
Interfaces Institute of Management Sciences, 290 Westminster Street, Providence, RI 02903, USA.

Interlend. Doc. Supply (UK)
Interlending & Document Supply MCB University Press Ltd., 60-62 Toller Lane, Bradford, West Yorks. BD8 9BY, UK.

Intern. Audit. (USA)
Internal Auditor Institute of Internal Auditors Inc., 249 Maitland Avenue, Altamonte Springs, FL 32701, USA.

Internet Res. (USA)
Internet Research Meckler Corp., 11 Ferry Lane West, Westport, CT 06880, USA.

Internetw., Res. Exper. (UK)
Internetworking: Research and Experience John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Inverse Probl. (UK)
Inverse Problems IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Inzh.-Fiz. Zh. (Byelorussia)
Inzhenerno-Fizicheskii Zhurnal [English translation in: *J. Eng. Phys. Thermophys. (USA)*] Izdatel'stvo Akademii Nauk BSSR, Editorial address: Polesnaya 25, Minsk 13, Byelorussia.
INSPEC coverage is from English translation

IPB Bul. Stiint. Polytech. Inst. Buchar. Sci. Bull. Chem. Mater. Sci. (Romania)
IPB Buletin Stiintific, Polytechnic Institute of Bucharest, Scientific Bulletin, Chemistry and Materials Science Splaiul Independentei 313, Sector 6, 77206 Bucuresti, Romania.

IPB Bul. Stiint. Polytech. Inst. Buchar. Sci. Bull. Electr. Eng. (Romania)
IPB Buletin Stiintific, Polytechnic Institute of Bucharest Scientific Bulletin, Electrical Engineering Splaiul Independentei 313, 77206 Bucuresti, Romania.

IPB Stiint. Polytech Inst. Buchar. Sci. Bull. Mech. Eng. (Romania)
IPB Buletin Stiintific, Polytechnic Institute of Bucharest Scientific Bulletin, Mechanical Engineering Splaiul Independentei 313, 77206 Bucuresti, Romania.

Ir. Astron. J. (UK)
Irish Astronomical Journal Armagh Observatory, Armagh BT61 9DG, UK.

Ir. Comput. (Ireland)
Irish Computer Computer Publications of Ireland Ltd., Computer House, 66 Patrick Street, Dun Laoghaire, Co. Dublin, Ireland.

Iran. J. Sci. Technol. (UK)
Iranian Journal of Science and Technology Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Iraqi J. Sci. (Iraq)
Iraqi Journal of Science College of Science, Adamiya, Baghdad, Iraq.

Iron Steel Eng. (USA)
Iron and Steel Engineer Association of Iron & Steel Engineers, Suite 2350, Three Gateway Centre, Pittsburgh, PA 15222, USA.

IS Audit Control J. (USA)
IS Audit & Control Journal [Formerly: *EDP Audit. J. (USA)*] EDP Auditors Association Inc., 3701 Algonquin Road, Rolling Meadows, IL 60008, USA.

ISA Trans. (Netherlands)
ISA Transactions [Formerly: *ISA Trans. (USA)*] Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

ISA Trans. (USA)
ISA Transactions [Title changed to: *ISA Trans. (Netherlands)*]

Ishikawajima-Harima Eng. Rev. (Japan)
Ishikawajima-Harima Engineering Review Ishikawajima-Harima Heavy Industries Co. Ltd., 2-16 Toyosu 3-chome, Koto-ku, Tokyo 135, Japan.

ISIS (USA)
ISIS University of Chicago Press, P.O.Box 37005, Chicago, IL 60637, USA.
Not covered during the period Sept. 1980 to Dec. 1990

Islamabad J. Sci. (Pakistan)
Islamabad Journal of Sciences University of Islamabad, Islamabad, Pakistan.

Isot. Radiat. Res. (Egypt)
Isotope and Radiation Research Middle Eastern Regional Isotope Centre for the Arab Countries, Sh. Malaeb El-Gamaa, Dokki 12311, Cairo, Egypt.

ISPRS J. Photogramm. Remote Sens. (Netherlands)
ISPRS Journal of Photogrammetry and Remote Sensing Elsevier Science Publishers B.V., P.O.Box 330, 1000 AH Amsterdam, Netherlands.

Isr. J. Chem. (Israel)
Israel Journal of Chemistry Laser Pages Publishing (1992) Ltd., P.O.Box 50257, Jerusalem 91502, Israel.

Isr. J. Earth-Sci. (Israel)
Israel Journal of the Earth-Sciences Laser Pages Publishing Ltd., P.O.Box 50257, Jerusalem 91502, Israel.

Isr. J. Technol. (Israel)
Israel Journal of Technology Weizmann Science Press, P.O. Box 801, Jerusalem 91000, Israel.

Issues (UK)
Issues PA Consulting Group, Bowater House East, 68 Knightsbridge, London SW1X 7LJ, UK.

I.T. Mag. (Canada)
I.T. Magazine [Title changed to: *InfoCanada (Canada)*]

ITC J. (Netherlands)
ITC Journal International Institute for Aerial Survey and Earth Sciences (ITC), 350 Boulevard 1945, P.O.Box 6, 7500 AA Enschede, Netherlands.

ITG-Fachber. (Germany)
ITG-Fachberichte VDE-Verlag GmbH, Postfach 12 23 05, W-1000 Berlin 12, Germany.

Itogi Nauki Tekh. Ser. Issled. Kosm. Prostran. (Russia)
Itogi Nauki i Tekhniki, Seriya Issledovanie Kosmicheskogo Prostranstva Akademiya Nauk SSSR, Institut Nauchnoi i Tekhnicheskoi Informatsii, Moskva, A-219, Baltiiskaya Ul. 14, Russia.

IT+TI Informationstech. Tech. Inf. (Germany)
IT+TI Informationstechnik und Technische Informatik R. Oldenbourg Verlag GmbH, Rosenheimer Strasse 145, D-8000 Munchen 80, Germany.

IVHS J. (UK)
IVHS Journal Gordon and Breach Science Publishers Ltd., P.O.Box 90, Reading, Berks. RG1 8JL, UK.

IWATSU Tech. Rep. (Japan)
IWATSU Technical Report IWATSU Electric Co. Ltd., 1-7-41 Kugayama Suginami-ku, Tokyo 168, Japan.

Izmer. Tekh. (Russia)
Izmeritel'naya Tekhnika [English translation in: *Meas. Tech. (USA)*] Academy of Sciences USSR Leninskii Prosp., Moskva, Russia.
INSPEC coverage is from English translation

Izotoptech. Diagn. (Hungary)
Izotoptechnika, Diagnosztika Izotopkutato Intezete, Budapest 1525, Pf.77, Hungary.

Izv. Acad. Sci. USSR Atmos. Ocean. Phys. (USA)
Izvestiya Academy of Sciences USSR, Atmospheric and Oceanic Physics [Title changed to: *Izv. Russ. Acad. Sci. Atmos. Ocean. Phys. (USA)*]

Izv. Acad. Sci. USSR Phys. Solid Earth (USA)
Izvestiya Academy of Sciences USSR, Physics of the Solid Earth [Title changed to: *Izv. Russ. Acad. Sci. Phys. Solid Earth (USA)*]

Izv. Akad. Nauk Arm. Fiz. (Armenia)
Izvestiya Akademii Nauk Armenii, Fizika [English translation in: *J. Contemp. Phys. (USA)*] Akademii Nauk Armenii, Erevan, Armenia.
INSPEC coverage is from English translation

Izv. Akad. Nauk Fiz. Atmos. Okeana (Russia)
Izvestiya Akademii Nauk Fizika Atmosfery i Okeana [English translation in: *Izv. Russ. Acad. Sci. Atmos. Ocean. Phys. (USA)*] Rossiiskaya Akademiya Nauk. Editorial address: 109017 Moskva ZH-17, Puzhevskii Per. 3, Russia.

Izv. Akad. Nauk SSSR Fiz. Zemli (Russia)
Izvestiya Akademii Nauk SSSR, Fizika Zemli [Title changed to: *Ross. Akad. Nauk Fiz. Zemli (Russia)*]

Izv. Akad. Nauk SSSR Mekh. Tverd. Tela (Russia)
Izvestiya Akademii Nauk SSSR, Mekhanika Tverdogo Tela [English translation in: *Mech. Solids (USA)*] Izdatel'stvo 'Nauka', 103717 Moskva, Podsosenskii 21, Russia.
INSPEC coverage is from English translation

Izv. Akad. Nauk SSSR Mekh. Zhidk. Gaza (Russia)
Izvestiya Akademii Nauk SSSR, Mekhanika Zhidkosti i Gaza [English translation in: *Fluid Dyn. (USA)*] Izdatel'stvo 'Nauka', 103717 Moskva, Podsosenskii 21, Russia.
INSPEC coverage is from English translation

Izv. Akad. Nauk SSSR Met. (Russia)
Izvestiya Akademii Nauk SSSR, Metally [English translation in: *Russ. Metall. (USA)*] Izdatel'stvo 'Nauka', 103717 Moskva, Podsosenskii 21, Russia.
INSPEC coverage is from English translation

Izv. Gl. Astron. Obs. Pulkove (Russia)
Izvestiya Glavnoi Astronomicheskoi Observatorii v Pulkove Leningradskoe Otdelenie Izdatel'stva 'Nauka', B-164 Mendelevskaya Lin., d.1, Leningrad, Russia.

Izv. Krym. Astrofiz. Obs. (Russia)
Izvestiya Krymskoi Astrofizicheskoi Observatorii [English translation in: *Bull. Crime. Astrophys. Obs. (USA)*] Izdatel'stvo 'Nauka', 103717 Moskva, Podsosenskii 21, Russia.
INSPEC coverage is from English translation

Izv. Ross. Akad. Nauk Energ. (Russia)
Izvestiya Rossiiskoi Akademii Nauk. Energetika [English translation in: *Appl. Energy, Russ. J. Fuel Power Heat Syst. (USA)*] Russian Academy of Sciences, Moscow, Russia.
INSPEC coverage is from English translation

Izv. Ross. Akad. Nauk, Ser. Fiz. (Russia)
Izvestiya Rossiiskoi Akademii Nauk. Seriya Fizicheskaya [English translation in: *Bull. Russ. Acad. Sci., Phys. (USA)*] Russian Academy of Sciences, Moscow, Russia.
INSPEC coverage is from English translation

Izv. Russ. Acad. Sci. Atmos. Ocean. Phys. (USA)
Izvestiya Russian Academy of Sciences, Atmospheric and Oceanic Physics [Formerly: *Izv. Acad. Sci. USSR Atmos. Ocean. Phys. (USA)*; Translation of: *Izv. Akad. Nauk Fiz. Atmos. Okeana (Russia)*] American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA.
INSPEC coverage is from Russian original

Izv. Russ. Acad. Sci. Phys. Solid Earth (USA)
Izvestiya Russian Academy of Sciences, Physics of the Solid Earth [Formerly: *Izv. Acad. Sci. USSR Phys. Solid Earth (USA)*; Translation of: *Ross. Akad. Nauk Fiz. Zemli (Russia)*] American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA.

Izv. Sib. Otd. Akad. Nauk SSSR Ser. Tekh. Nauk (Russia)
Izvestiya Sibirskogo Otdeleniya Akademii Nauk SSSR, Seriya Tekhnicheskikh Nauk [English translation in: *Sov. J. Appl. Phys. (USA)*] Izdatel'stvo Nauka, Novosibirsk, Russia.
INSPEC coverage is from English translation

Izv. Tekh. Univ., Sofiya (Bulgaria)
Izvestiya na Tekhnicheskiya Universitet - Sofiya D'rashavno Izdatelstvo 'Tekhnika', Sofiya, Bulgaria.

Izv. Vyssh. Uchebn. Zaved. Aviats. Tekh. (Russia)
Izvestiya Vysshikh Uchebnykh Zavedenii, Aviatsionnaya Tekhnika [English translation in: *Sov. Aeronaut. (USA)*] G. Kaeanya, K. Marksa 10, Kasaskii Aviatsionnyu Institut, Russia.
INSPEC coverage is from English translation

Izv. Vyssh. Uchebn. Zaved. Elektromekh. (Russia)
Izvestiya Vysshikh Uchebnykh Zavedenii, Elektromekhanika 346400 Novocherkassk, ul. Prosveshcheniga 132, Moskva, Russia.

Izv. Vyssh. Uchebn. Zaved. Energ. (Byelorussia)
Izvestiya Vysshikh Uchebnykh Zavedenii, Energetika Belorusski Politekhnicheskii Institut, Minsk, Leninskii Prosp. 65, Byelorussia.

Izv. Vyssh. Uchebn. Zaved. Fiz. (Russia)
Izvestiya Vysshikh Uchebnykh Zavedenii, Fizika [English translation in: *Russ. Phys. J. (USA)*] Higher Education Institutes, Tomsk, Russia.
INSPEC coverage is from English translation

Izv. Vyssh. Uchebn. Zaved. Radioelektron. (Ukraine)
Izvestiya Vysshikh Uchebnykh Zavedenii, Radioelektronika [English translation in: *Radioelectron. Commun. Syst. (USA)*] Kievskii Ordena Lenina Politekhnicheskii Institut, 252056 Kiev 56, Brest-Litovskii Prospekt 39, Ukraine.
INSPEC coverage is from English translation

Izv. Vyssh. Uchebn. Zaved. Radiofiz. (Russia)
Izvestiya Vysshikh Uchebnykh Zavedenii, Radiofizika [English translation in: *Radiophys. Quantum Electron. (USA)*] Gor'kovskiy Universitet G. Gor'kiy, ul. Lyadova 25, Russia.
INSPEC coverage is from English translation

J. A (Belgium)
Journal A Koninklijke Vlaamse Ingenieurs-Vereniging, vzw Desgüilei 214, B-2018 Antwerp, Belgium.

J. Acoust. (France)
Journal d'Acoustique Edition de Physique, 7 Avenue du Hoggar, B.P. 112, Zone Industrielle de Courtaboeuf, 91944 Les Ulis Cedex, France.

J. Acoust. Emiss. (USA)
Journal of Acoustic Emission Acoustic Emission Group, Box 364, 308 Westwood Boulevard, Los Angeles, CA 90024-1647, USA.

J. Acoust. Soc. Am. (USA)
Journal of the Acoustical Society of America Published for the Acoustical Society of America through the American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

J. Acoust. Soc. Jpn. (E) (Japan)
Journal of the Acoustical Society of Japan (E) Ikeda-Building, 2-7-7 Yoyogi, Shibuya-ku, Tokyo 151, Japan.

J. Acoust. Soc. Jpn. (Japan)
Journal of the Acoustical Society of Japan Ikeda Building, 2-7-7 Yoyogi, Shibuya-ku, Tokyo 151, Japan.

J. Adhes. Sci. Technol. (Netherlands)
Journal of Adhesion Science and Technology VSP BV, P.O.Box 346, 3700 AH Zeist, Netherlands.

J. Aerosol Sci. (UK)
Journal of Aerosol Science Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

J. Afr. Earth Sci. (UK)
Journal of African Earth Sciences Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

J. Agric. Food Inf. (USA)
Journal of Agricultural & Food Information Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904, USA.

J. Algebr. Comb. (Netherlands)
Journal of Algebraic Combinatorics Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

J. Algorithms (USA)
Journal of Algorithms Academic Press Inc., 1 East First Street, Duluth, MN 55802, USA.

J. Alloys Compd. (Switzerland)
Journal of Alloys and Compounds Elsevier Sequoia S.A., P.O.Box 564, 1001 Lausanne 1, Switzerland.

J. Am. Assoc. Var. Star Obs. (USA)
Journal of the American Association of Variable Star Observers 25 Birch Street, Cambridge, MA 02138, USA.

J. Am. Ceram. Soc. (USA)
Journal of the American Ceramic Society 757 Ceramic Drive, Westerville, OH 43081-6136, USA.
Incorporating Advanced Ceramic Materials and Communications

J. Am. Chem. Soc. (USA)
Journal of the American Chemical Society 1155 Sixteenth Street N.W., Washington, DC 20036, USA.

J. Am. Helicopter Soc. (USA)
Journal of the American Helicopter Society 217 N. Washington Street, Alexandria, VA 22314, USA.

J. Am. Soc. Inf. Sci. (USA)
Journal of the American Society for Information Science American Society for Information Science, 8720 Georgia Avenue, Suite 50, Silver Spring, MD 20910-3602, USA.

J. Am. Soc. Mass Spectrom. (USA)
Journal of the American Society for Mass Spectrometry Elsevier Science Publishing Co. Inc., 655 Avenue of the Americas, New York, NY 10010, USA.

J. Appl. Crystallogr. (Denmark)
Journal of Applied Crystallography Munksgaard International Booksellers and Publishers Ltd., 35 Norre Sogade, DK 1370 Kobenhavn K, Denmark.

J. Appl. Electrochem. (UK)
Journal of Applied Electrochemistry Chapman and Hall, 2-6 Boundary Row, London SE1 8HH, UK.

J. Appl. Mech. Tech. Phys. (USA)
Journal of Applied Mechanics and Technical Physics [Translation of: *Zh. Prikl. Mekh. Tekh. Fiz. (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

J. Appl. Meteorol. (USA)
Journal of Applied Meteorology American Meteorological Society, 45 Beacon Street, Boston, MA 02108, USA.
From Jan. 1983 - Dec. 1987 published under the title Journal of Climate and Applied Meteorology

J. Appl. Phys. (USA)
Journal of Applied Physics American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-299, USA.

J. Appl. Probab. (UK)
Journal of Applied Probability University of Sheffield, Department of Probability and Statistics, Sheffield, S3 7RH, UK.

J. Appl. Spectrosc. (USA)
Journal of Applied Spectroscopy [Translation of: *Zh. Prikl. Spektrosk. (Byelorussia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

J. Approx. Theory (USA)
Journal of Approximation Theory Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

J. Archit. Plan. Res. (USA)
Journal of Architectural and Planning Research Locke Science Publishing Co. Inc., 117 West Harrison Building, Suite 640-L221, Chicago, IL 60605, USA.

J. Artif. Intell. Educ. (USA)
Journal of Artificial Intelligence in Education Association for the Advancement of Computing in Education (AACE), P.O.Box 2966, Charlottesville, VA 22902, USA.

J. Artif. Neural Netw. (USA)
Journal of Artificial Neural Networks Ablex Publishing Corp., 355 Chestnut Street, Norwood, NJ 07648-9975, USA.

J. Assam Sci. Soc. (India)
Journal of the Assam Science Society Assam Science Society, Post Box No.78, Guwahati 781 001, India.

J. Assoc. Comput. Mach. (USA)
Journal of the Association for Computing Machinery Association for Computing Machinery, 1515 Broadway, New York, NY 10016, USA.

J. Assoc. Explor. Geophys. (India)
Journal of Association of Exploration Geophysicists Centre of Exploration Geophysics Building, Osmania University, Hyderabad 500 007, India.

J. Assoc. Lunar Planet. Obs. Strolling Astron. (USA)
Journal of the Association of Lunar and Planetary Observers, Strolling Astronomer A.L.P.O., P.O.Box 16131, San Francisco, CA 94116, USA.

J. Astron. Soc. Egypt (Egypt)
Journal of the Astronomical Society of Egypt Astronomy & Meteorology Department, Faculty of Science, Cairo University, Cairo, Egypt.

J. Astronaut. Sci. (USA)
Journal of the Astronautical Sciences American Astronautical Society, 6352 Rolling Mill Place, Suite 102, Springfield, VA 22152, USA.

J. Astrophys. Astron. (India)
Journal of Astrophysics and Astronomy Indian Academy of Sciences, P.O.Box 8005, Bangalore 560080, India.

J. At. Energy Soc. Jpn. (Japan)
Journal of the Atomic Energy Society of Japan 1-1-13 Shimbashi, Minato-ku, Tokyo 105, Japan.

J. Atmos. Ocean. Technol. (USA)
Journal of Atmospheric and Oceanic Technology American Meteorological Society, 45 Beacon Street, Boston, MA 02108, USA.

J. Atmos. Sci. (USA)
Journal of the Atmospheric Sciences American Meteorological Society, 45 Beacon Street, Boston, MA 02108, USA.

J. Atmos. Terr. Phys. (UK)
Journal of Atmospheric and Terrestrial Physics Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

J. Audio Eng. Soc. (USA)
Journal of the Audio Engineering Society 60 East 42nd Street, New York, NY 10165-2520, USA.

J. Aust. Math. Soc. B, Appl. Math. (Australia)
Journal of the Australian Mathematical Society, Series B (Applied Mathematics) Mathematics Department, Australian National University, Canberra, ACT 0200, Australia.

J. Australas. Ceram. Soc. (Australia)
Journal of the Australasian Ceramic Society Published for the Australasian Ceramic Society by Trans Tech Publications Ltd., Trans Tech House, 4714 Aedermannsdorf, Switzerland.

J. Autom. Chem. (UK)
Journal of Automatic Chemistry Taylor & Francis Ltd., Rankine Road, Basingstoke, Hants. RG24 0PR, UK.

J. Autom. Inf. Sci. (USA)
Journal of Automation and Information Science [Translation of: *Avtomatika (Ukraine)*] Scripta Technica Inc., 7961 Eastern Avenue, Silver Spring, MD 20910, USA.

J. Autom. Reasoning (Netherlands)
Journal of Automated Reasoning Kluwer Academic Publishers Group, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

J. Behav. Decis. Mak. (UK)
Journal of Behavioral Decision Making John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

J. Biochem. Biophys. Methods (Netherlands)
Journal of Biochemical and Biophysical Methods Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

J. Bioenerg. Biomembr. (USA)
Journal of Bioenergetics and Biomembranes Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

J. Bioeng. (UK)
Journal of Bioengineering Elsevier Science Ltd., The Boulevard, Langford Lane. Kidlington, Oxford OX5 1GB, UK.

J. Biol. Phys. (USA)
Journal of Biological Physics Kluwer Academic Publishers Group, P.O.Box 358, Accord Station, Hingham, MA 02018-0358, USA.

J. Biolumin. Chemilumin. (UK)
Journal of Bioluminescence and Chemiluminescence John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

J. Biomech. (UK)
Journal of Biomechanics Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington Oxford OX5 1GB, UK.

J. Biomed. Eng. (UK)
Journal of Biomedical Engineering [Title changed to: *Med. Eng. Phys. (UK)*]

J. Birla Inst. Technol. Sci. (India)
Journal of the Birla Institute of Technology and Science Birla Institute of Technology and Sciences, Pilani, Rajasthan, India.

J. Br. Astron. Assoc. (UK)
Journal of the British Astronomical Association Burlington House, Piccadilly, London, W1V ONL, UK.

J. Br. Interplanet. Soc. (UK)
Journal of the British Interplanetary Society British Interplanetary Society, 27-29 South Lambeth Road, London SW8 1SZ, UK.

J. Bus. Financ. Librariansh. (USA)
Journal of Business & Finance Librarianship Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904-1580, USA.

J. Capacity Manage. (USA)
Journal of Capacity Management Institute of Software Engineering, 510 Oakmead Parkway, Sunnyvale, CA 94086, USA.

J. Ceram. Soc. Jpn. (Japan)
Journal of the Ceramic Society of Japan Nippon Seramikkusu Kyokai, 22-17 Hyakunin-cho 2-chome, Shinjuku-ku, Tokyo 169, Japan.

J. Chem. Crystallogr. (USA)
Journal of Chemical Crystallography [Formerly: *J. Crystallogr. Spectrosc. Res. (USA)*] Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

J. Chem. Inf. Comput. Sci. (USA)
Journal of Chemical Information and Computer Sciences American Chemical Society, 1115 Sixteenth Street, N.W., Washington, DC 20036, USA.

J. Chem. Phys. (USA)
Journal of Chemical Physics American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

J. Chem. Soc. Faraday Trans. (UK)
Journal of the Chemical Society Faraday Transactions Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge CB4 4WF, UK.
Formed by merger of Journal of the Chemical Society Faraday Transactions I and Journal of the Chemical Society Faraday Transactions II

J. Chem. Thermodyn. (UK)
Journal of Chemical Thermodynamics Academic Press Inc. (London) Ltd., 24-28 Oval Road, London NW1 7DX, UK.

J. Chem. Vapor Depos. (USA)
Journal of Chemical Vapor Deposition Technomic Publishing Co. Inc., 851 New Holland Avenue, Box 3535, Lancaster, PA 17604, USA.

J. Chin. Inst. Eng. (Taiwan)
Journal of the Chinese Institute of Engineers 4th Floor, 2nd Section, Jen-Ai Road, Taipei 10019, Taiwan.

J. Chin. Soc. Mech. Eng. (Taiwan)
Journal of the Chinese Society of Mechanical Engineers 4F No.60, Sec. 2, Pa Te Road, Taipei 10401, Taiwan.

J. China Inst. Commun. (China)
Journal of China Institute of Communications Publishing House of the People's Posts and Telecommunications, Beijing, China.

J. Circuits Syst. Comput. (Singapore)
Journal of Circuits, Systems and Computers World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

J. Clim. (USA)
Journal of Climate American Meteorological Society, 45 Beacon Street, Boston, MA 02108, USA.
Supersedes in part: Journal of Climate and Applied Meteorology

J. Clin. Comput. (USA)
Journal of Clinical Computing 166 Morris Avenue, Buffalo, NY 14214, USA.

J. Clin. Eng. (USA)
Journal of Clinical Engineering Quest Publishing Co., 1351 Titan Way, Brea, CA 92621, USA.

J. Cluster Sci. (USA)
Journal of Cluster Science Plenum Publishing Corp., 233 Spring Street, New York, NY 10013-1578, USA.

J. Coast. Res. (USA)
Journal of Coastal Research Coastal Education and Research Foundation, 810 East 10th Street, Lawrence, KS 66044, USA.

J. Comb. Math. Comb. Comput. (Canada)
Journal of Combinatorial Mathematics and Combinatorial Computing Charles Babbage Research Centre, P.O.Box 272, St. Norbert Postal Station, Winnipeg, Man. R3V 1L6, Canada.

J. Comb. Theory A (USA)
Journal of Combinatorial Theory, Series A Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887, USA.

J. Comb. Theory B (USA)
Journal of Combinatorial Theory, Series B Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

J. Commun. (Hungary)
Journal on Communications Typotex Ltd., H-1015 Budapest, Batthyany u. 14, Hungary.

J. Commun. Res. Lab. (Japan)
Journal of the Communications Research Laboratory Information Management Section, Technical Information Division, Communications Research Laboratory, 4-2-1 Nukui-Kitamachi, Koganei-shi, Tokyo 184, Japan.

J. Commun. Technol. Electron. (USA)
Journal of Communications Technology and Electronics [Translation of: *Radiotekh. Elektron. (Russia)*] Scripta Technica Inc., 605 Third Avenue, New York, NY 10158, USA.

J. Complexity (USA)
Journal of Complexity Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887, USA.

J. Compos. Mater. (USA)
Journal of Composite Materials Technomic Publishing Co. Inc., 851 New Holland Avenue, Box 3535, Lancaster, PA 17604, USA.

J. Compos. Technol. Res. (USA)
Journal of Composites Technology and Research American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103, USA.

J. Comput. Acoust. (Singapore)
Journal of Computational Acoustics World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

J. Comput. Appl. Math. (Netherlands)
Journal of Computational and Applied Mathematics Elsevier Science Publishers B.V., (North-Holland) P.O.Box 211, 1000 AE Amsterdam, Netherlands.

J. Comput. Assist. Learn. (UK)
Journal of Computer Assisted Learning Blackwell Scientific Publications Ltd., Osney Mead, Oxford OX2 0EL, UK.

J. Comput.-Assist. Microsc. (USA)
Journal of Computer-Assisted Microscopy Plenum Publishing Corp., 233 Spring Street, New York, NY 10013-1578, USA.

J. Comput. Assist. Tomogr. (USA)
Journal of Computer Assisted Tomography Raven Press, 1185 Avenue of the Americas, New York, NY 10036, USA.

J. Comput.-Based Instr. (USA)
Journal of Computer-Based Instruction ADCIS International Headquarters, 1601 West Fifth Avenue, Suite 111, Columbus, OH 43212, USA.

J. Comput. Chem. (USA)
Journal of Computational Chemistry John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.

J. Comput. Child. Educ. (USA)
Journal of Computing in Childhood Education Association for the Advancement of Computing in Education (AACE), P.O.Box 2966, Charlottesville, VA 22902, USA.

J. Comput. Higher Educ. (USA)
Journal of Computing in Higher Education Office of Structional Technology, A115 Lederle Graduate Research Center, University of Massachusetts, Amherst, MA 01003, USA.

J. Comput. Inf. Syst. (USA)
Journal of Computer Information Systems Society of Data Educators, College of Business Administration, Oklahoma State University, Stillwater, OK 74078, USA.

J. Comput. Inf. Technol. CIT (Croatia)
Journal of Computing and Information Technology - CIT University Computing Centre, P.O.Box 741, J. Marchnica bb, 41000 Zagreb, Croatia.

J. Comput. Math. (China)
Journal of Computational Mathematics Science Press, 137 Chayoangmennei Street, Beijing, China.

J. Comput. Math. Sci. Teach. (USA)
Journal of Computers in Mathematics and Science Teaching Association for Computers in Mathematics and Science Teaching, P.O.Box 2966, Charlottesville, VA 22902, USA.

J. Comput. Phys. (USA)
Journal of Computational Physics Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887, USA.

J. Comput. Sci. Technol. (Engl. Lang. Ed.) (China)
Journal of Computer Science and Technology (English Language Edition) Science Press, 137 Chaoyangmennei Street, Beijing, China.

J. Comput. Secur. (Netherlands)
Journal of Computer Security IOS Press, Van Diemenstraat 94, 1013 CN Amsterdam, Netherlands.

J. Comput. Softw. Eng. (USA)
Journal of Computer and Software Engineering Ablex Publishing Corp., 355 Chestnut Street, Norwood, NJ 07648-9975, USA.

J. Comput. Syst. Sci. (USA)
Journal of Computer and System Sciences Academic Press Inc.,. 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

J. Comput. Syst. Sci. Int. (USA)
Journal of Computer and Systems Sciences International [Translation of: *Tekh. Kibern. (Russia)*] Scripta Technica Inc., 605 Third Avenue, New York, NY 10158, USA.

J. Contemp. Phys. (USA)
Journal of Contemporary Physics [Translation of: *Izv. Akad. Nauk Arm. Fiz. (Armenia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

J. Cryptol. (USA)
Journal of Cryptology Springer-Verlag New York Inc., 175 Fifth Avenue, New York, NY 10010, USA.

J. Cryst. Growth (Netherlands)
Journal of Crystal Growth Elsevier Science B.V., P.O.Box 103, 1000 AC Amsterdam, Netherlands.

J. Crystallogr. Soc. Jpn. (Japan)
Journal of the Crystallographic Society of Japan Cosmos Hongo Bldg. 8F, 4-1-4 Hongo, Bunkyo-ku, Tokyo 113, Japan.

J. Crystallogr. Spectrosc. Res. (USA)
Journal of Crystallographic and Spectroscopic Research [Title changed to: *J. Chem. Crystallogr. (USA)*]

J. Dalian Univ. Technol. (China)
Journal of Dalian University of Technology Lingshui River, Dalian 116024, China.

J. Database Manage. (USA)
Journal of Database Management Idea Group Publishing, Olde Liberty Square, 4811 Jonestown Road, Suite 230, Harrisburg, PA 17109, USA.

J. Des. Manuf. (UK)
Journal of Design and Manufacturing Chapman & Hall, 2-6 Boundary Row, London SE1 8HN, UK.

J. Differ. Equ. (USA)
Journal of Differential Equations Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887, USA.

J. Doc. (UK)
Journal of Documentation Aslib, The Association for Information Management, 20-24 Old Street, London EC1V 9AP, UK.

J. Doc. Text Manage. (UK)
Journal of Document and Text Management Taylor Graham Publishing, 500 Chesham House, 150 Regent Street, London W1R 5FA, UK.

J. Dyn. Differ. Equ. (USA)
Journal of Dynamics and Differential Equations Plenum Publishing Corp., 233 Spring Street, New York, NY 10013-1578, USA.

J. Econ. Behav. Organ. (Netherlands)
Journal of Economic Behavior and Organization Elsevier Science Publishers B.V. (North-Holland), P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.

J. Econ. Dyn. Control (Netherlands)
Journal of Economic Dynamics and Control Elsevier Science Publishers B.V., P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.

J. Educ. Comput. Res. (USA)
Journal of Educational Computing Research Baywood Publishing Co. Inc., 26 Austin Avenue, P.O.Box 337, Amityville, NY 11701, USA.

J. Educ. Libr. Inf. Sci. (USA)
Journal of Education for Library and Information Science Association for Library and Information Science Education, 4101 Lake Boone Trail, Suite 201, Laleigh, NC 27607, USA.

J. Educ. Multimedia Hypermedia (USA)
Journal of Educational Multimedia and Hypermedia Association for the Advancement of Computing in Education (AACE), P.O.Box 2966, Charlottesville, VA 22902, USA.

J. Educ. Res. (USA)
Journal of Educational Research Heldref Publications, 1319 Eighteenth Street, N.W., Washington, DC 20036-1802, USA.

J. Educ. Technol. Syst. (USA)
Journal of Educational Technology Systems Baywood Publishing Co. Inc., 26 Austin Avenue, P.O.Box 337, Amityville, NY 11701, USA.

J. Elast. (Netherlands)
Journal of Elasticity Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

J. Electr. Electron. Eng. Aust. (Australia)
Journal of Electrical and Electronics Engineering, Australia Institution of Engineers, Australia, 11 National Circuit, Barton, A.C.T. 2600, Australia.
Formed by merger of Proceedings of the IREE Australia and Transactions of the Institution of Engineers, Australia, Electrical Engineering

J. Electr. Eng. (China)
Journal of Electrical Engineering Editorial address: Chinese Society of Electrical Engineering, Qinghe, Beijing, China.

J. Electroanal. Chem. (Switzerland)
Journal of Electroanalytical Chemistry Elsevier Sequoia S.A., P.O.Box 564, CH-1001 Lausanne 1, Switzerland.

J. Electrochem. Soc. (USA)
Journal of the Electrochemical Society 10 South Main Street, Pennington, NJ 08534-2896, USA.

J. Electrochem. Soc. India (India)
Journal of the Electrochemical Society of India c/o Indian Institute of Science, Department of Metallurgy, Bangalore 560012, India.

J. Electromagn. Waves Appl. (Netherlands)
Journal of Electromagnetic Waves and Applications VSP BV, P.O.Box 346, 3700 AH Zeist, Netherlands.

J. Electron. (China)
Journal of Electronics Science Press, Beijing, China.

J. Electron. Comput. Res. (Iraq)
Journal of Electronics & Computers Research Scientific Research Council, Jadiriyah, P.O.Box 2441 Baghdad, Iraq.

J. Electron. Def. (USA)
Journal of Electronic Defense Published for the Association of Old Crows by Horizon House-Microwave Inc., The AOC Building, 1000 N. Payne Street, Alexandria, VA 22314-1696, USA.

J. Electron. Imaging (USA)
Journal of Electronic Imaging SPIE-The Society of Photo-Optical Instrumentation Engineers, 1000 20th Street, Bellingham, WA 98225, USA.

J. Electron. Manuf. (UK)
Journal of Electronics Manufacturing Chapman & Hall, 2-6 Boundary Row, London SE1 8HN, UK.

J. Electron. Mater. (USA)
Journal of Electronic Materials TMS, 420 Commonwealth Drive, Warrendale, PA 15086, USA.

J. Electron Microsc. (Japan)
Journal of Electron Microscopy Japanese Society of Electron Microscopy, c/o Center for Academic Publications Japan, 4-16 Yayoi 2-chome, Bunkyo-ku, Tokyo 113, Japan.

J. Electron Spectrosc. Relat. Phenom. (Netherlands)
Journal of Electron Spectroscopy and Related Phenomena Elsevier Science B.V., P.O.Boxz 211, 1000 AE Amsterdam, Netherlands.

J. Electron. Test., Theory Appl. (Netherlands)
Journal of Electronic Testing: Theory and Applications Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

J. Electrost. (Netherlands)
Journal of Electrostatics Elsevier Scientific Publishing Co., P.O. Box 330, 1000 AH Amsterdam, Netherlands.

J. End User Comput. (USA)
Journal of End User Computing Idea Group Publishing, Olde Liberty Square, 4811 Jonestown Road, Suite 230, Harrisburg, PA 17109, USA.

J. Eng. Des. (UK)
Journal of Engineering Design Carfax Publishing Co., P.O.Box 25, Abingdon, Oxon. OX14 3UE, UK.

J. Eng. Math. (Netherlands)
Journal of Engineering Mathematics Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

J. Eng. Phys. Thermophys. (USA)
Journal of Engineering Physics and Thermophysics [Translation of: *Inzh.-Fiz. Zh. (Byelorussia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

J. Eng. Sci. King Saud Univ. (Saudi Arabia)
Journal of Engineering Sciences King Saud University University Libraries, King Saud University, P.O.Box 22480, Riyadh, Saudi Arabia.

J. Eng. Technol. Manage. (Netherlands)
Journal of Engineering and Technology Management Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

J. Environ. Radioact. (UK)
Journal of Environmental Radioactivity Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

J. Eur. Ceram. Soc. (UK)
Journal of the European Ceramic Society Elsevier Science Publishers Ltd., Crown House, Linton Road, Barking, Essex IG11 8JU, UK.

J. Exp. Theor. Artif. Intell. (UK)
Journal of Experimental and Theoretical Artificial Intelligence Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, UK.

J. Exp. Theor. Phys. (USA)
Journal of Experimental and Theoretical Physics [Translation of: *Zh. Eksp. Teor. Fiz. (Russia)*] American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

J. Fac. Eng. Chiba Univ. (Japan)
Journal of the Faculty of Engineering, Chiba University 1-33 Yayoi-cho, Chiba-shi, Chiba 280, Japan.

J. Fac. Eng. Ibaraki Univ. (Japan)
Journal of the Faculty of Engineering, Ibaraki University Ibaraki University, 4-12-1 Naka-Narusawa, Hitachi-shi, Ibaraki 316, Japan.

J. Fac. Eng. Shinshu Univ. (Japan)
Journal of the Faculty of Engineering, Shinshu University Nagano, Japan.

J. Fac. Eng. Univ. Tokyo A (Japan)
Journal of the Faculty of Engineering, University of Tokyo, Series A 3-1, 7-Chome, Hongo, Bunkyo-ku, Tokyo 113, Japan.

J. Fac. Eng. Univ. Tokyo B (Japan)
Journal of the Faculty of Engineering, University of Tokyo, Series B 3-1, 7-Chome, Hongo, Bunkyo-ku, Tokyo 113, Japan.

J. Fac. Sci. Univ. Tokyo 1A, Math. (Japan)
Journal of the Faculty of Science, University of Tokyo, Section 1A (Mathematics) Dean of the Faculty of Science, University of Tokyo, Tokyo, Japan.

J. Fiz. Malays. (Malaysia)
Jurnal Fizik Malaysia Malaysian Institute of Physics, c/o Jabatan Fizik, Universiti Malaya, Kuala Lumpur 22-11, Malaysia.

J. Fluid Control (USA)
Journal of Fluid Control Delridge Publishing Co., Post Office Box 160817, Cupertino, CA 95016-0817, USA.

J. Fluid Mech. (UK)
Journal of Fluid Mechanics Cambridge University Press, The Pitt Building, Trumpington Street, Cambridge CB2 1RP, UK.

J. Forth Appl. Res. (USA)
Journal of Forth Application and Research Institute of Applied Forth Research, 70 Elmwood Avenue, Rochester, NY 14611, USA.

J. Franklin Inst. (UK)
Journal of the Franklin Institute Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

J. Frict. Wear (USA)
Journal of Friction and Wear [Translation of: *Trenie Iznos (Byelorussia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

J. Funct. Anal. (USA)
Journal of Functional Analysis Academic Press Inc., 6722 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

J. Funct. Program. (UK)
Journal of Functional Programming Cambridge University Press, Edinburgh Building, Shaftesbury Road, Cambridge CB2 2RU, UK.

J. Fusion Energy (USA)
Journal of Fusion Energy Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

J. Gen. Philos. Sci. (Netherlands)
Journal for General Philosophy of Science Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

J. Geodyn. (UK)
Journal of Geodynamics Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

J. Geol. (USA)
Journal of Geology University of Chicago Press, 5720 S. Woodlawn Avenue, Chicago, IL 60637, USA.

J. Geol. Soc. (UK)
Journal of Geological Society Geological Society, Burlington House, Piccadilly, London W1V 0JU, UK.

J. Geom. Phys. (Netherlands)
Journal of Geometry and Physics Elsevier Science Publishers B.V., North-Holland, P.O.Box 103, 1000 AC Amsterdam, Netherlands.

J. Geomagn. Geoelectr. (Japan)
Journal of Geomagnetism and Geoelectricity Terra Scientific Publishing Co., 302 Jiyugaoka-Komatsu Bldg., 24-17 Midorigaoka 2-chome, Meguro-ku, Tokyo 152, Japan.

J. Geophys. Res. (USA)
Journal of Geophysical Research American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA.

J. Glob. Inf. Manage. (USA)
Journal of Global Information Management Idea Group Publishing, Olde Liberty Square, Suite 230, 4811 Jonestown Road, Harrisburg, PA 17109, USA.

J. Gov. Inf. (USA)
Journal of Government Information [Formerly: *Gov. Publ. Rev. (USA)*] Elsevier Science Inc., 660 White Plains Road, Tarrytown, NY 10591-5153, USA.

J. Graph Theory (USA)
Journal of Graph Theory John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.

J. Grey Syst. (UK)
Journal of Grey Systems Sci-Tech Information Services, P.O.Box 991, Windsor, Berks. SL4 4FR, UK.

J. Gt. Lakes Res. (USA)
Journal of Great Lakes Research International Association for Great Lakes Research, 2200 Bonisteel Boulevard, University of Michigan, Ann Arbor, MI 48109, USA.

J. Guid. Control Dyn. (USA)
Journal of Guidance, Control, and Dynamics American Institute of Aeronautics and Astronautics, 370 L'Enfant Promenade, S.W., Washington, DC 20024-2518, USA.

J. Harbin Inst. Technol. (China)
Journal of the Harbin Institute of Technology Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 399, Beijing, China.

J. Hard Mater. (UK)
Journal of Hard Materials IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

J. High Speed Netw. (Netherlands)
Journal of High Speed Networks IOS Press, Van Diemenstraat 94, 1013 CN Amsterdam, Netherlands.

J. Hist. Astron. (UK)
Journal for the History of Astronomy Science History Publications Ltd., Halfpenny Furze, Mill Lane, Chalfont St. Giles, Bucks. HP8 4NR, UK.

J. Horol. Inst. Jpn. (Japan)
Journal of the Horological Institute of Japan Nihon-Gakkai Jim-Center Building, 2-4-16 Yayoi, Bunkyo-ku, Tokyo 113, Japan.

J. Hosp. Leis. Mark. (USA)
Journal of Hospitality & Leisure Marketing Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904, USA.
Copies are available from Haworth Document Delivery Center at Haworth Press Inc

J. Huazhong Inst. Technol. (Engl. Ed.) (China)
Journal of Huazhong Institute of Technology (English Edition) Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, China.

J. IES (USA)
Journal of the IES Institute of Environmental Sciences, 940 East Northwest Highway, Mount Prospect, IL 60056, USA.

J. Illum. Eng. Inst. Jpn. (Japan)
Journal of the Illuminating Engineering Institute of Japan 1-7-1, Yurakucho, 1-chome, Chiyodaku, Tokyo 100, Japan.

J. Illum. Eng. Soc. (USA)
Journal of the Illuminating Engineering Society Illuminating Engineering Society of North America, 120 Wall Street, 17th Floor, New York, NY 10005-4001, USA.
Supersedes in part: Illuminating Engineering

J. Imaging Sci. Technol. (USA)
Journal of Imaging Science and Technology Society for Imaging Science and Technology, 7003 Kilworth Lane, Springfield, VA 22151, USA.
Formed by merger of Journal of Imaging Science and Journal of Imaging Technology

J. Indian Inst. Sci. (India)
Journal of the Indian Institute of Science Bangalore 560012, India.

J. Inf. Netw. (UK)
Journal of Information Networking Taylor Graham Publishing, 500 Chesham House, 150 Regent Street, London W1R 5FA, UK.

J. Inf. Optim. Sci. (India)
Journal of Information & Optimization Sciences Analytic Publishing Co., F-23 Model Town, Delhi-110009, India.

J. Inf. Process. Cybern. (Germany)
Journal of Information Processing and Cybernetics Akademie-Verlag, Leipziger Strasse 3-4, P.O.Box 1233, O-1086 Berlin, Germany.

J. Inf. Rec. Mater. (Germany)
Journal of Information Recording Materials Akademie-Verlag, Leipziger Strasse 3-4, P.O.Box 1233, O-1086 Berlin, Germany.

J. Inf. Sci. (UK)
Journal of Information Science [Formerly: *J. Inf. Sci. Princ. Pract. (Netherlands)*] Bowker-Saur, Maypole House, Maypole Road, East Grinstead, West Sussex RH19 1HH, UK.

J. Inf. Sci. Eng. (Taiwan)
Journal of Information Science and Engineering Institute of Information Science, Academia Sinica, Nanking, Taipei 11529, Taiwan.

J. Inf. Sci. Princ. Pract. (Netherlands)
Journal of Information Science, Principles & Practice [Title changed to: *J. Inf. Sci. (UK)*]

J. Inf. Syst. (USA)
Journal of Information Systems American Accounting Association, 5717 Bessie Drive, Sarasota, FL 34233, USA.

J. Inf. Technol. (UK)
Journal of Information Technology Chapman & Hall, 2-6 Boundary Row, London SE1 8HN, UK.

J. Infrared Millim. Waves (China)
Journal of Infrared and Millimeter Waves Science Press, 16 Donghuangchenggen North Street, Beijing 100 707, China.

J. Inst. Electr. Eng. Jpn. (Japan)
Journal of the Institute of Electrical Engineers of Japan 1-12-1 Yurakucho, Chiyoda-ku, Tokyo 100, Japan.
Journal not covered for the period Jan. 1972 to Dec. 1990

J. Inst. Electron. Inf. Commun. Eng. (Japan)
Journal of the Institute of Electronics, Information and Communication Engineers Kikai-Shinko-Kaikan Bldg., 5-8 Shibakoen 3 chome, Minato-ku, Tokyo 105, Japan.

J. Inst. Electron. Telecommun. Eng. (India)
Journal of the Institution of Electronics and Telecommunication Engineers Institution of Electronics & Telecommunication Engineers, 2 Institutional Area, Lodi Road, New Delhi 110003, India.

J. Inst. Energy (UK)
Journal of the Institute of Energy 18 Devonshire Street, Portland Place, London W1N 2AU, UK.

J. Inst. Eng. (India) Electr. Eng. Div. (India)
Journal of the Institution of Engineers (India) Electrical Engineering Division 8 Gokhale Road, Calcutta 700020, India.

J. Inst. Eng. (India) Electron. Telecommun. Eng. Div. (India)
Journal of the Institution of Engineers (India) Electronics and Telecommunication Engineering Division 8 Gokhale Road, Calcutta 700020, India.

J. Inst. Eng. (India) Interdiscip. Panels (India)
Journal of the Institution of Engineers (India), Interdisciplinary Panels 8 Gokhale Road, Calcutta 700 202, India.

J. Inst. Eng. (India) Mech. Eng. Div. (India)
Journal of the Institution of Engineers (India) Mechanical Engineering Division 8 Gokhale Road, Calcutta 700020, India.

J. Inst. Eng. (India) Metall. Mater. Sci. Div. (India)
Journal of the Institution of Engineers (India), Metallurgy & Material Science Division 8 Gokhale Road, Calcutta 700 020, India.

J. Inst. Image Electron. Eng. Jpn. (Japan)
Journal of the Institute of Image Electronics Engineers of Japan Gazo Denshi Gakkai, CASA Meguro 505, 2-21-27 Shimo-Meguro, Meguro-ku, Tokyo 153, Japan.

J. Inst. Telev. Eng. Jpn. (Japan)
Journal of the Institute of Television Engineers of Japan Kikai-Shinko Building, 3-5-8 Shiba Park, Minato-ku, Shiba PO, Tokyo, Japan.

J. Intell. Inf. Syst., Integr. Artif. Intell. Database Technol. (Netherlands)
Journal of Intelligent Information Systems: Integrating Artificial Intelligence and Database Technologies Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

J. Intell. Manuf. (UK)
Journal of Intelligent Manufacturing Chapman and Hall Ltd., 2-6 Boundary Row, London SE1 8HN, UK.

J. Intell. Mater. Syst. Struct. (USA)
Journal of Intelligent Material Systems and Structures Technomic Publishing Co. Inc., 851 New Holland Avenue, Box 3535, Lancaster, PA 17604, USA.

J. Intell. Robot. Syst., Theory Appl. (Netherlands)
Journal of Intelligent and Robotic Systems: Theory and Applications Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

J. Intell. Syst. (UK)
Journal of Intelligent Systems Freund Publishing House Ltd., Suite 500, Chesham House, 150 Regent Street, London W1R 5FA, UK.

J. Interlibr. Loan Doc. Deliv. Inf. Supply (USA)
Journal of Interlibrary Loan, Document Delivery & Information Supply [Formerly: *J. Interlibr. Loan Inf. Supply (USA)*] Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904-1580, USA.

J. Interlibr. Loan Inf. Supply (USA)
Journal of Interlibrary Loan & Information Supply [Title changed to: *J. Interlibr. Loan Doc. Deliv. Inf. Supply (USA)*]

J. Iowa Acad. Sci. (USA)
Journal of the Iowa Academy of Sciences University of Northern Iowa, Cedar Falls, IA 50614, USA.

J. Jpn. Hydraul. Pneum. Soc. (Japan)
Journal of the Japan Hydraulics and Pneumatics Society c/o Kikaishinko Building, 3-5-8 Shiba-koen, Minato-ku, Tokyo 105, Japan.

J. Jpn. Inst. Light Met. (Japan)
Journal of Japan Institute of Light Metals c/o Japan Light Metal Association (Kekinzoku Kyokai), Nihonbashi Asahi Seimei Bldg., 2-1-3 Nihonbashi, Chuo-ku, Tokyo 103, Japan.

J. Jpn. Inst. Met. (Japan)
Journal of the Japan Institute of Metals Aoba Aramaki, Aoba-ku, Sendai-shi, Miyagi 980, Japan.

J. Jpn. Inst. Navig. (Japan)
Journal of Japan Institute of Navigation c/o Tokyo University of Mercantile Marine, 2-1-6 Etchujima, Koto-ku, Tokyo 135, Japan.

J. Jpn. Soc. Aeronaut. Space Sci. (Japan)
Journal of the Japan Society for Aeronautical and Space Sciences Nihon Koku Uehu Gakkashi, 1-18-2 Shinbashi, Minato-ku, Tokyo 105, Japan.

J. Jpn. Soc. Artif. Intell. (Japan)
Journal of Japanese Society for Artificial Intelligence Japanese Society for Artificial Intelligence, OS Building, 402, 4-7 Tsukudomachi, Shinjuku-ku, Tokyo 162, Japan.

J. Jpn. Soc. Infrared Sci. Technol. (Japan)
Journal of the Japan Society of Infrared Science and Technology c/o Mr. Y. Itakura, Faculty of Education, Shiga University, 2-5-1 Hiratsu, Ohtsu-shi, Shiga 520, Japan.

J. Jpn. Soc. Precis. Eng. (Japan)
Journal of the Japan Society of Precision Engineering Cermaics Building, 22-17 Hyakunincho 2-chome, Shinjuku-ku, Tokyo 169, Japan.

J. Jpn. Soc. Simul. Technol. (Japan)
Journal of the Japan Society for Simulation Technology Japan Technical Information Service, 5-10-11 Sendagaya, Shibuya-ku, Tokyo 151, Japan.

J. King Saud Univ., Sci. (Saudi Arabia)
Journal of King Saud University (Science) King Saud University, Library, Al-Jamiah, P.O.Box 22480, Riyadh 11495, Saudi Arabia.

J. Korea Inf. Sci. Soc. (South Korea)
Journal of the Korea Information Science Society Korea Information Science Society, Seocho-gu, Bangbae 3 dong 984-1, Seoul, South Korea.

J. Korean Astron. Soc. (South Korea)
Journal of the Korean Astronomical Society Korean Astronomical Society, Korea Astronomy Observatory, Taejeon 305-348, South Korea.

J. Korean Inst. Met. Mater. (South Korea)
Journal of the Korean Institute of Metals and Materials 51-8, Susong-Dong, Chongro-Ku, Seoul 110-140, South Korea.

J. Korean Inst. Telemat. Electron. (South Korea)
Journal of the Korean Institute of Telematics and Electronics 635-4 Yucksam-Dong, Kangnam-Ku, Seoul 135-703, South Korea.

J. Korean Nucl. Soc. (South Korea)
Journal of the Korean Nuclear Society Yeo-yi do Dong 21, Yeong Deng Po-Ku, South Korea.

J. Korean Phys. Soc. (South Korea)
Journal of the Korean Physical Society Korean Physical Society, Science Center Building, 635-4 Yuksam-dong, Kangnam-ku, Seoul 135-703, South Korea.

J. Libr. Adm. (USA)
Journal of Library Administration Haworth Press Inc., 75 Griswold Street, Binghampton, NY 13904, USA.

J. Librariansh. Inf. Sci. (UK)
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Journal of the Operational Research Society Published for the Operational Research Society by the Scientific and Medical Division, The Macmillan Press Ltd., Houndmills, Basingstoke, Hants. RG21 2XS, UK.

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Journal of the Optical Society of America A (Optics and Image Science) [Title changed to: *J. Opt. Soc. Am. A, Opt. Image Sci. Vis. (USA)*]

J. Opt. Soc. Am. A, Opt. Image Sci. Vis. (USA)
Journal of the Optical Society of America A (Optics, Image Science and Vision) [Formerly: *J. Opt. Soc. Am. A, Opt. Image Sci. (USA)*] 2010 Massachusetts Aveneue, N.W., Washington, DC 20036-1023, USA.

J. Opt. Soc. Am. B, Opt. Phys. (USA)
Journal of the Optical Society of America B (Optical Physics) 2010 Massachusetts Avenue, N.W., Washington, DC 20036-1023, USA. Supersedes in part: Journal of the Optical Society of America

J. Opt. Technol. (USA)
Journal of Optical Technology [Formerly: *Sov. J. Opt. Technol. (USA)*; Translation of: *Opt.-Mekh. Prom. (Russia)*] Optical Society of America, 2010 Massachusetts Avenue, N.W., Washington, DC 20036, USA.

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J. Tsinghua Univ. (China)
Journal of Tsinghua University Distribution address: China Education Publications Import & Export Corp., 15 Xueyuanlu, Beijing 100083, China.

J. Univ. Kuwait (Sci.) (Kuwait)
Journal of the University of Kuwait (Science) Faculty of Science, University of Kuwait, Kuwait, Kuwait.

J. Vac. Sci. Technol. A, Vac. Surf. Films (USA)
Journal of Vacuum Science & Technology A (Vacuum, Surfaces, and Films) Published for the American Vacuum Society by the American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.
Supersedes in part: Journal of Vacuum Science and Technology

J. Vac. Sci. Technol. B, Microelectron. Nanometer Struct. (USA)
Journal of Vacuum Science & Technology B (Microelectronics and Nanometer Structures) [Formerly: *J. Vac. Sci. Technol. B, Microelectron. Process. Phenom. (USA)*] Published for the American Vacuum Society by the American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

J. Vac. Sci. Technol. B, Microelectron. Process. Phenom. (USA)
Journal of Vacuum Science & Technology B (Microelectronics Processing and Phenomena) [Title changed to: *J. Vac. Sci. Technol. B, Microelectron. Nanometer Struct. (USA)*]

J. Vestib. Res., Equilib. Orientat. (UK)
Journal of Vestibular Research: Equilibrium & Orientation Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

J. Vis. Commun. Image Represent. (USA)
Journal of Visual Communication and Image Representation Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

J. Vis. Comput. Animat. (UK)
Journal of Visualization and Computer Animation John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

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Journal of Visual Languages and Computing Academic Press Ltd., 24-28 Oval Road, London NW1 7DX, UK.

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Journal of VLSI Signal Processing Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

J. Weather Modif. (USA)
Journal of Weather Modification Weather Modification Association, P.O.Box 8116, Fresno, CA 93747, USA.

J. Wind Eng. Ind. Aerodyn. (Netherlands)
Journal of Wind Engineering and Industrial Aerodynamics Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

J. X-Ray Sci. Technol. (USA)
Journal of X-Ray Science and Technology Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

J. X-Ray Technol. (UK)
Journal of X-Ray Technology Society of X-Ray Technology, c/o Mr. W.A. Booth, Church Street, Claverley, Nr. Wolverhampton, UK.

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Journal of Zhejiang University Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 399, Beijing, China.

Jahangirnagar Rev. A, Sci. (Bangladesh)
Jahangirnagar Review, Part A (Science) Jahangirnagar University, Savar, Dhaka, Bangladesh.

JEE, J. Electron. Eng. (Japan)
JEE (Journal of Electronic Engineering) Dempa Publications Inc., 11-15 Higashi Gotanda, 1-chome, Shinagawaku, Tokyo 141, Japan.

JEMIC Tech. Rep. (Japan)
JEMIC Technical Report Japan Electric Meters Inspection Corp., 4-15-7 Shibaura, Minato-ku, Tokyo 108, Japan.

JEOL News Electron Opt. Instrum. (Japan)
JEOL News, Electron Optics Instrumentation JEOL Ltd., 1418 Nakagami, Akishima, Tokyo 196, Japan.

JETP Lett. (USA)
JETP Letters [Translation of: *Pis'ma Zh. Eksp. Teor. Fiz. (Russia)*] American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

JFIT News (UK)
JFIT News Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

JIPDEC Informatization Q. (Japan)
JIPDEC Informatization Quarterly Japan Information Processing Development Center, Kikai Shinko Kaikan Bldg., 3-5-8 Shibakoen, Minatoku, Tokyo 105, Japan.

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JIPDEC Report Japan Information Processing Development Center, Kikai Shinko Kaikan Building, 3-5-8, Shibakoen, Minato-ku, Tokyo 105, Japan.

JNMM (USA)
JNMM Institute of Nuclear Materials Management, 60 Revere Drive, Suite 500, Northbrook, IL 60062, USA.

John Marshall J. Comput. Inf. Law (USA)
John Marshall Journal of Computer & Information Law [Formerly: *Comput./Law J. (USA)*] John Marshall Law School, 315 S. Plymouth CT., Chicago, IL 60604, USA.

Johns Hopkins APL Tech. Dig. (USA)
Johns Hopkins APL Technical Digest Johns Hopkins University, Applied Physics Laboratory, Johns Hopkins Road, Laurel, MD 20723-6099, USA.

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JOM (USA)
JOM Minerals, Metals & Materials Society (TMS), 420 Commonwealth Drive, Warrendale, PA 15086, USA.

Jpn. J. Appl. Phys. 1, Regul. Pap. Short Notes (Japan)
Japanese Journal of Applied Physics, Part 1 (Regular Papers & Short Notes) Publication Office, Daini Toyokaiji Building, 24-8 Shinbashi 4-chome, Minato-ku, Tokyo 105, Japan.
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Jpn. J. Appl. Phys. 2, Lett. (Japan)
Japanese Journal of Applied Physics, Part 2 (Letters) Publication Office, Daini Toyokaiji Building, 24-8 Shinbashi 4-chome, Minato-ku, Tokyo 105, Japan.
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Jpn. J. Appl. Phys. Suppl. (Japan)
Japanese Journal of Applied Physics, Supplement Publication Office, Daini Toyokaiji Building, 24-8 Shinbashi 4-chome, Minato-ku, Tokyo 105, Japan.

Jpn. J. Ergon. (Japan)
Japanese Journal of Ergonomics 7-3-1 Hongo, Bunkyo-ku, Tokyo 113, Japan.

Jpn. J. Fuzzy Theory Syst. (USA)
Japanese Journal of Fuzzy Theory and Systems Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Jpn. J. Med. Electron. Biol. Eng. (Japan)
Japanese Journal of Medical Electronics and Biological Engineering Japan Society of Medical Electronics and Biological Engineering, Business Center for Academic Societies Japan, 2-4-16 Yayoi, 2-chome, Bunkyo-ku, 113 Tokyo, Japan.

Jpn. Railw. Eng. (Japan)
Japanese Railway Engineering Japan Railway Engineers' Association, S.N.K. Bldg., 2-20-7 Misaki-cho, Chiyoda-ku, Tokyo 101, Japan.

JRC Rev. (Japan)
JRC Review Japan Radio Co. Ltd., Akasaka Twin Tower Main Building, 2-17-22 Akasaka, Minato-ku, Tokyo 107, Japan.

JSME Int. J. A, Mech. Mater. Eng. (Japan)
JSME International Journal, Series A (Mechanics and Material Engineering) Japan Society of Mechanical Engineers, Shinjuku Sanshin Bldg., 4-9 Yoyogi 2-Chome, Shibuya-ku, Tokyo, Japan.

JSME Int. J. B, Fluids Therm. Eng. (Japan)
JSME International Journal, Series B (Fluids and Thermal Engineering) Japan Society of Mechanical Engineers, Shinjuku Sanshin Bldg., 4-9 Yoyogi 2 chome, Shibuyaku, Tokyo 151, Japan.

JSME Int. J. C, Dyn. Control Robot. Des. Manuf. (Japan)
JSME International Journal, Series C (Dynamics, Control, Robotics, Design and Manufacturing) Japan Society of Mechnical Engineers, Shinjuku Sanshin Bldg., 4-9 Yoyogi 2-Chome, Shibuya-ku, Tokyo 151, Japan.

Jurimetr. J. (USA)
Jurimetrics Journal American Bar Association, Section of Science and Technology, 750 N. Lake Shore Drive, Chicago, IL 60611, USA.

K. Nor. Vidensk. Selsk. Forh. (Norway)
Kongelige Norske Videnskabers Selskabs Forhandlinger Tapir Publishers, Vollabakken 15, N-7030 Trondheim, Norway.

K. Nor. Vidensk. Selsk. Skr. (Norway)
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Kabel-Cables (Switzerland)
Kabel-Cables Kabelwerke Brugg AG, 5200 Brugg, Switzerland.

Karachi Univ. J. Sci. (Pakistan)
Karachi University Journal of Science University of Karachi, Karachi, Pakistan.

KDD R & D (Japan)
KDD R&D Kokusai Denshin Denwa k.k., KDD Building 31F, 2-3-2 Nishishinjuku, Shinjuku-ku, Tokyo 163, Japan.

KDD Tech. J. (Japan)
KDD Technical Journal Kokusai Denshin Denwa k.k., KDD Building 31F,2-3-2 Nishinjuku, Shinjuku-ku, Tokyo 163, Japan.

Keio Sci. Technol. Rep. (Japan)
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Kenkyu Shiryou (Japan)
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Kep- & Hangtech. (Hungary)
Kep- es Hangtechnika Lapkiado Vallalat, Budapest VII, Lenin korut 9-11, Hungary.

Kerntechnik (Germany)
Kerntechnik Carl Hanser Verlag, P.O.Box 86 04 02, 81631 Munchen, Germany.

Key Eng. Mater. (Switzerland)
Key Engineering Materials Trans Tech Publications, P.O.Box 10, CH-4711 Aedermannsdorf, Switzerland.

Kibern. Sist. Anal. (Ukraine)
Kibernetika i Sistemnyi Analiz [English translation in: *Cybern. Syst. Anal. (USA)*] Ukrainian Academy of Sciences, Cybernetics Institute, Kiev, Ukraine.
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Kibern. Vychisl. Tekh. (Ukraine)
Kibernetika i Vychislitel'naya Tekhnika [English translation in: *Cybern. Comput. Technol. (USA)*] Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, Ukraine.
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Kikai Gijutsu Kenkyusho Shiryo Mechanical Enginering Laboratory, Namiki, Sekura-mura, Niihari-gun, Ibaraki 305, Japan.

KINAM Rev. Fis. (Mexico)
KINAM Revista de Fisica Apartado Postal 20-254, Administracion 20, 01000 Mexico DF, Mexico.

Kinematics Phys. Celest. Bodies (USA)
Kinematics and Physics of Celestial Bodies [Translation of: *Kinematika Fiz. Nebesnykh Tel (Ukraine)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Kinematika Fiz. Nebesnykh Tel (Ukraine)
Kinematika i Fizika Nebesnykh Tel [English translation in: *Kinematics Phys. Celest. Bodies (USA)*] Izdatel'stvo 'Naukova Dumka', 252601 Kiev GSP, Repina 3, Ukraine.

Kn. Inf. (Slovakia)
Kniznice a Informacie Vydava Matica Slovenska, 036 52 Martin, ul. Mudronova 26, Slovakia.

Knowl. Acquis. (UK)
Knowledge Acquisition Academic Press Ltd., 24-28 Oval Road, London NW1 7DX, UK.

Knowl.-Based Syst. (UK)
Knowledge-Based Systems Butterworth-Heinemann Ltd., Linacre House, Jordan Hill, Oxford OX2 8DP, UK.

Knowl. Eng. Rev. (UK)
Knowledge Engineering Review Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 2RU, UK.

Knowl. Organ. (Germany)
Knowledge Organization Indeks Verlag, Woogstrasse 36a, D-6000 Frankfurt 50, Germany.

Koezl. M. Tud. Akad. Musz. Fiz. Kut. Intez. (Hungary)
Koezlemenyei Magyar Tudomanyos Akademia Muszaki Fizikai Kutato Intezetenek Hungarian Academy of Sciences, Research Institute for Technical Physics, Budapest, Ujpest 1, P.O. Box 76, Hungary.

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Kompleksni Sistemi za Upravlenie Bulgarian Academy of Sciences, Central Laboratory for Control Systems, 1113 Sofia, Acad. G. Benchev Street Bl. 107, P.O.Box 97, Bulgaria.

Koncar Strucne Inf. (Yugoslavia)
Koncar Strucne Informacije 'Koncar', Post Pret, 304 Fallervo Set. 22, 41000 Zagreb, Croatia.

Korea Inf. Sci. Soc. Rev. (South Korea)
Korea Information Science Society Review Seocho-gu, Bangbae 3 dong 984-1, Seoul, South Korea.

Korean Appl. Phys. (South Korea)
Korean Applied Physics Korean Physical Society, Science Centre Building, San 76-561, Yuksan-dong Kangam-ku, Seoul, South Korea.

Kosm. Issled. (Russia)
Kosmicheskie Issledovaniya [English translation in: *Cosm. Res. (USA)*] Izdatel'stvo 'Nauka', 103717 Moskva, Podsosenskii 21, Russia.
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Kov. Mater. (Slovakia)
Kovove Materialy [English translation in: *Met. Mater. (UK)*] Vydavatel'stvo Slovenskej Akademie Vied, Bratislava, Klemensova 19, Slovakia.
INSPEC coverage since vol.22, no.2 (1984) is from English translation

Kratk. Soobshch. Fiz. (Russia)
Kratkie Soobshcheniya po Fizike [English translation in: *Bull. Lebedev Phys. Inst. (USA)*] Editorial address: 11733, Moskva B-333, Leninskii Prospekt 53, Russia.
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Kristallografiya (Russia)
Kristallografiya [English translation in: *Crystallogr. Rep. (Russia)*] Rossiiskaya Akademiya Nauk, 117333 Moskva B-333, Leninski Prospekt 59, Russia.
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Kumamoto J. Math. (Japan)
Kumamoto Journal of Mathematics Department of Mathematics, Faculty of Science, Kumamoto University, Kumamoto 860, Japan.

Kvantovaya Elektron. Kiev (Ukraine)
Kvantovaya Elektronika, Kiev Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, Ukraine.

Kvantovaya Elektron. Mosk. (Russia)
Kvantovaya Elektronika, Moskva [English translation in: *Quantum Electron. (UK)*] Sovetskoe Radio, Moskva, Glavpochtamt, p/ya 693, Russia.
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Kwart. Elektron. Telekomun. (Poland)
Kwartalnik Elektroniki i Telekomunikacji [Formerly: *Rozpr. Electrotech. (Poland)*] Wydawnictwo Naukowe PWN, Warszawa, ul. Miodowa 10, Poland.

Kybernetes (UK)
Kybernetes MCB University Press Ltd., 62 Toller Lane, Bradford, West Yorks. BD8 9BY, UK.

Kybernetika (Czech Republic)
Kybernetika Institute of Information Theory and Automation, Czechoslovak Academy of Sciences, Pod Vodarenskou vezi 4, 182 08 Praha 8, Czech Republic.

Kyushu Denryoku K.K. Sogo Kenkyusho Kenkyu Kiho (Japan)
Kyushu Denryoku K.K. Sogo Kenkyusho Kenkyu Kiho 497-1, Aizo, Shiobaru, Minami-ku, Fukuoka-shi 815, Japan.

Lab. Microcomput. (UK)
Laboratory Microcomputer Science and Technology Letters, P.O.Box 81, Northwood, Middx. HA6 3DN, UK.

Lab. Robot. Autom. (USA)
Laboratory Robotics and Automation VCH Publishers Inc., 220 East 23rd Street, New York, NY 10010, USA.

LAN Mag. (UK)
LAN Magazine EMAP Business Publishing, 33-39 Bowling Green Lane, London EC1R 0DA, UK.

Lang. Des. (Netherlands)
Languages of Design Elsevier Science Publishers, P.O.Box 103, 1000 AC Amsterdam, Netherlands.

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Laser Chemistry Harwood Academic Publishers GmbH, c/o STBS, 1 Bedford Street, London WC2E 9HD, UK.

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Laser Focus World PennWell Publishing Co., 5th Floor, Ten Tara Boulevard, Nashua, NH 03062-2801, USA.

Laser Optoelektron. (Germany)
Laser und Optoelektronik AT-Fachverlag GmbH, Postfach 50 01 80, 70331 Stuttgart, Germany.

Laser Part. Beams (UK)
Laser and Particle Beams Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 2RU, UK.

Laser Phys. (Russia)
Laser Physics [Formerly: *Laser Phys. (USA)*] MAIK Nauka/Interperiodica Publishing, Profsoyuznaya Ul. 90, Moscow 117864, Russia.

Laser Phys. (USA)
Laser Physics [Title changed to: *Laser Phys. (Russia)*]

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Laser-Praxis Carl Hanser GmbH & Co., Kolbergerstrasse 22, W-8000 Munchen 80, Germany.

Laser Ther. (UK)
Laser Therapy John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Lasers Life Sci. (Switzerland)
Lasers in the Life Sciences Harwood Academic Publishers GmbH, Y-Parc, Chemin de la Sallaz, 1400 Yverdon, Switzerland.

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Lasers & Optronics Gordon Publications Inc., 301 Gibraltar Drive, P.O.Box 650, Morris Plains, NJ 07950-0650, USA.

LASIE (Australia)
LASIE Lasie Australia Co. Ltd., P.O.Box 442, Roseville, NSW 2069, Australia.

Latv. J. Phys. Tech. Sci. (Latvia)
Latvian Journal of Physics and Technical Sciences Editorial address: Aizkrauskles iela 21, LV-1006 Riga, Latvia.

Latv. Zinat. Akad. Vestis A, Humanit. Zinat. (Latvia)
Latvijas Zinatnu Akademijas Vestis A Dala (Humanitaras Zinatnes) Latvian Academy of Sciences, 19 Turgeneva Str., Riga 226524 PDP, Latvia.
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Latv. Zinat. Akad. Vestis B, Dabaszinat. (Latvia)
Latvijas Zinatnu Akademijas Vestis B Dala (Dabaszinatnes) Latvian Academy of Sciences, Turgeneva iela 19, Riga LV-1524, Latvia.
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Law Librarian Published for the British and Irish Association of Law Librarians by Sweet & Maxwell, South Quay Plaza, 183 Marsh Wall, London E14 9FT, UK.

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Law Library Journal American Association of Law Libraries, 53 West Jackson Boulevard, Chicago, IL 60604, USA.

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Law Practice Management American Bar Association, Section of Law Practice Management, 750 N. Lake Shore Drive, Chicago, IL 60611, USA.

Leg. Ref. Serv. Q. (USA)
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Leonardo (UK)
Leonardo [Title changed to: *Leonardo (USA)*]

Leonardo (USA)
Leonardo [Formerly: *Leonardo (UK)*] MIT Press, 55 Hayward Street, Cambridge, MA 02142, USA.

Lett. Math. Phys. (Netherlands)
Letters in Mathematical Physics Kluwer Academic Publishers Group, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Libr. Acquis., Pract. Theory (UK)
Library Acquisitions: Practice and Theory Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

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Library Computer Systems and Equipment Review Meckler Corp., 11 Ferry Lane West, Westport, CT 06880, USA.

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Library and Information Science Mita Society of Library and Information Science, c/o School of Library and Information Science, Keio University, Mita, Minato-ku, Tokyo 108, Japan.

Libr. Inf. Sci. Res. (USA)
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Libr. Resour. Tech. Serv. (USA)
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Library Software Review Meckler Corp., 11 Ferry Lane West, Westport, CT 06880, USA.

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Library Technology News Library Information Technology Centre, South Bank Technopark, 90 London Road, London SE1 6LN, UK.

Libr. Trends (USA)
Library Trends University of Illinois Graduate School of Library and Information Science, 249 Armory Building, 505 East Armory Street, Champaign, IL 61820, USA.

Lichtbogen (Germany)
Der Lichtbogen Chemische Werke Huls AG, 4370 Marl, Kreis Recklinghausen, Germany.

Light. Equip. News (UK)
Lighting Equipment News Maclean Hunter Ltd., Maclean Hunter House, Chalk Lane, Cockfosters Road, Barnet, Herts. EN4 0BU, UK.

Light. Res. Technol. (UK)
Lighting Research and Technology Lighting Division, Chartered Institution of Building Services, 222 Balham High Road, London SW12 9BS, UK.

Linc. Lab. J. (USA)
Lincoln Laboratory Journal Lincoln Laboratory, Massachusetts Institute of Technology, 244 Wood Street, Lexington, MA 02173-0073, USA.

Linde Rep. Sci. Technol. (Germany)
Linde Reports on Science and Technology Linde Aktiengesellschaft, Abraham Lincoln-Strasse 21, W-6200 Wiesbaden, Germany.

Linear Algebr. Appl. (USA)
Linear Algebra and Its Applications Elsevier Science Publishing Co. Inc., 655 Avenue of the Americas, New York, NY 10010, USA.

Liq. Cryst. (UK)
Liquid Crystals Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, UK.

LISP Symb. Comput. (Netherlands)
LISP and Symbolic Computation Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Lit. Linguist. Comput. (UK)
Literary & Linguistic Computing Oxford University Press, Walton Street, Oxford OX2 6DP, UK.

Lith. Phys. J. (USSR)
Lithuanian Physics Journal [Translation of: *Litov. Fiz. Sb. (Lithuania)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Litov. Fiz. Sb. (Lithuania)
Litovskii Fizicheskii Sbornik [English translation in: *Lith. Phys. J. (USSR)*] Lietvos TSR Mokslu Akademijos Centrine Biblioteka, Pozelos G-VE 54, 232600 Vilnius, Lithuania.
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Ljuskultur (Sweden)
Ljuskultur Publication address: Skeppargatan 27, Box 5512, 11485 Stockholm, Sweden.

Locat. Sci. (UK)
Location Science Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxon OX5 1GB, UK.

Logist. Inf. Manage. (UK)
Logistics Information Management MBC University Press Ltd., 60-62 Toller Lane, Bradford, West Yorks. BD8 9BY, UK.

Logist. Today (UK)
Logistics Today Cranfield Institute of Technology, Cranfield, Bedford MK43 0AL, UK.

Logistics (UK)
Logistics Institute of Purchasing and Supply, Easton House, Easton on the Hill, Stamford, Lincs. PE9 3NZ, UK.

Low Temp. Sci. A, Phys. Sci. (Japan)
Low Temperature Science, Series A (Physical Sciences) Institute of Low Temperature Science, Hokkaido University, Sapporo, Japan.

LSE Eng. Bull. (UK)
LSE Engineering Bulletin Laurence, Scott & Electromotors Ltd., P.O.Box 25, Kerrison Road, Norwich NR1 1JD, UK.

Lucas Eng. Rev. (UK)
Lucas Engineering Review Joseph Lucas Ltd., Great King Street, Birmingham B19 2XF, UK.

Lucr. ICPE (Romania)
Lucrarile ICPE Institut de Cercetare si Projectare Pentru Industria Electrotehnica, Bd. T. Vladirnirescu No. 45-47, Raionul V.I. Lenin, Bucuresti, Romania.

Lunar Planet. Inf. Bull. (USA)
Lunar & Planetary Information Bulletin Universities Space Research Association, Lunar and Planetary Institute, 3600 Bay Area Boulevard, Houston, TX 77058-1113, USA.

M Comput. (USA)
M Computing M Technology Association, Suite 205, 1738 Elton Road, Silver Spring, MD 20903, USA.

M. Geofiz. (Hungary)
Magyar Geofizika Eotvos Lorand Geofizikai Intezet, 1145 Budapest, Kolumbusz ul. 17-23, Hungary.

Mach. Des. Int. (USA)
Machine Design International Penton Publishing Inc., 1100 Superior Avenue, Cleveland, OH 44114-2543, USA.

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Mach.-Mediat. Learn. (UK)
Machine-Mediated Learning Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, UK.

Mach. Transl. (Netherlands)
Machine Translation Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Mach. Vis. Appl. (USA)
Machine Vision and Applications Springer-Verlag New York Inc., 175 Fifth Avenue, New York, NY 10010, USA.

Macromol. Rev. (USA)
Macromolecular Reviews John Wiley & Son Inc., 605 Third Avenue, New York, NY 10016, USA.

Macromol. Theory Simul. (Germany)
Macromolecular Theory and Simulations [Formerly: *Makromol. Chem. Teory Simul. (Germany)*] Huthig & Wepf Verlag, Im Weiher 10, D-69121 Heidelberg, Germany.

MAGMA (UK)
MAGMA [Title changed to: *Magn. Reson. Mater. Phys. Biol. Med. (UK)*]

Magn. Gidrodin. (Latvia)
Magnitnaya Gidrodinamika [English translation in: *Magnetohydrodynamics (USA)*] Akademiya Nauk Latviiskoi SSR, 'Zinatne', ul Smilshu 1, Riga 47, Latvia.
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Magn. Reson. Imaging (UK)
Magnetic Resonance Imaging Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Magn. Reson. Mater. Phys. Biol. Med. (UK)
Magnetic Resonance Materials in Physics, Biology, and Medicine [Formerly: *MAGMA (UK)*] Chapman & Hall, 2-6 Boundary Row, London SE1 8HN, UK.

Magn. Reson. Med. (USA)
Magnetic Resonance in Medicine Williams and Wilkins, 428 E. Preston Street, Baltimore, MD 21202, USA.

Magn. Reson. Q. (USA)
Magnetic Resonance Quarterly Raven Press, 1185 Avenue of the Americas, New York, NY 10036, USA.

Magn. Reson. Rev. (UK)
Magnetic Resonance Review Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, UK.

Magnetohydrodynamics (USA)
Magnetohydrodynamics [Translation of: *Magn. Gidrodin. (Latvia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Maint. Entrep. (France)
Maintenance & Entreprise Socotec Maintenance Services, Ville Nouvelle de St-Quentin-en-Yvelines, Zone d'Activite de l'Observatoire, 1 Avenue du Parc, 78180 Montigny-le-Bretonneux, France.

Makromol. Chem. Teory Simul. (Germany)
Makromolekulare Chemie, Theory and Simulations [Title changed to: *Macromol. Theory Simul. (Germany)*]

M.A.N. Res. Eng. Manuf. (Germany)
M.A.N. Research Engineering Manufacturing Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft, W 89 Augsburg, Germany.

Manag. Inf. (UK)
Managing Information Aslib, Information House, 20-24 Old Street, London EC1V 9AP, UK.

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Managing Office Technology Penton Publishing Inc., 1100 Superior Avenue, Cleveland, OH 44114-2543, USA.

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Managing System Development Applied Computer Research Inc., P.O.Box 82266, Phoenix, AZ 85071-2266, USA.

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Management Accounting Institute of Management Accountants, 10 Paragon Drive, Montvale, NJ 07645-1760, USA.

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Managing Automation Thomas Publishing Co., 5 Penn Plaza, New York, NY 10001, USA.

Manage. Decis. (UK)
Management Decision MCB University Press Ltd., 60/62 Toller Lane, Bradford, West Yorks. BD8 9BY, UK.

Manage. Inf. (UK)
Managing Information 55 Fleet Street, London EC4Y 1LQ, UK.

Manage. Inf. Syst. Q. (USA)
Management Information Systems Quarterly Society for Management Inforamtion Systems, MIS Research Center, 271 19th Avenue South, University of Minnesota, Minneapolis, MN 55455, USA.

Manage. Rev. (UK)
Management Review [Issued with: *Comput. Wkly. (UK)*]

Manage. Sci. (USA)
Management Science Institute of Management Sciences, 290 Westminster Street, Providence, RI 02903, USA.

Manage. Serv. (UK)
Management Services Institute of Management Services, 1 Cecil Court, London Road, Enfield, Middx EN2 6DD, UK.

Manual (UK)
The Manual Profile Technical Communications, The Derwent Business Centre, Clarke Street, Derby DE1 2BU, UK.

Manuf. Chem. (UK)
Manufacturing Chemist Morgan-Grampian (Process Press) Ltd., 30 Calderwood Street, Woolwich, London SE18 6QH, UK.

Manuf. Eng. (UK)
Manufacturing Engineer Institution of Electrical Engineers, Savoy Place, London WC2R 0BL, UK.

Manuf. Eng. (USA)
Manufacturing Engineering Society of Manufacturing Engineers, P.O.Box 930, Dearborn, MI 48121, USA.

Manuf. Rev. (USA)
Manufacturing Review American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Manuscr. Geod. (Germany)
Manuscripta Geodaetica Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

Mar. Geod. (USA)
Marine Geodesy Taylor & Francis, 1101 Vermont Avenue, Suite 200, Washington, DC 20005, USA.

Mar. Geophys. Res. (Netherlands)
Marine Geophysical Researches Kluwer Academic Publishers Group, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Mar. Pet. Geol. (UK)
Marine and Petroleum Geology Butterworth-Heinemann Ltd., Linacre House, Jordan Hill, Oxford OX2 8DP, UK.

Mark. News (USA)
Marketing News International Headquarters of the American Marketing Association, Suite 200, 250 S. Wacker Drive, Chicago, IL 60606, USA.

Marketing (UK)
Marketing Michael Page Marketing, 39-41 Parker Street, London WC2B 5LH, UK.

Mat. Apl. Comput. (Brazil)
Matematica Aplicada e Computacional [Title changed to: *Comput. Appl. Math. (USA)*]

Mat.-Fys. Medd. K. Dan. Vidensk. Selsk. (Denmark)
Matematisk-Fysiske Meddelelser Konglige Danske Videnskabernes Selskab Royal Danish Academy of Sciences, H.C. Andersen Boulevard 35, DK-1553 Copenhagen V, Denmark.

Mater. Charact. (USA)
Materials Characterization Elsevier Science Publishing Co. Inc., 655 Avenue of the Americas, New York, NY 10010, USA.

Mater. Chem. Phys. (Switzerland)
Materials Chemistry and Physics Elsevier Sequoia S.A., P.O.Box 564, CH-1001 Lausanne 1, Switzerland.

Mater. Des. (UK)
Materials & Design Scientific and Technical Press Ltd., Chilberton House, Doods Road, Reigate, Surrey RH2 0NT, UK.

Mater. Eval. (USA)
Materials Evaluation Society of Nondestructive Testing, 1711 Arlington Lane, P.O.Box 28518, Columbus, OH 43228-0518, USA.

Mater. Forum (Australia)
Materials Forum Published for the Institute of Metals and Materials Australasia Ltd. in association with the Australian Ceramic Society and the Australian Chemical Institute Solid State Division by Blackwell Scientific Publications, 107 Barry Street, P.O.Box 378, Carlton, Vic. 3053, Australia.
From 1987 to 1988 published under the title Materials Forum (Switzerland)

Mater. High Temp. (UK)
Materials at High Temperatures Butterworth-Heinemann Ltd., Linacre House, Jordan Hill, Oxford OX2 8DP, UK.

Mater. Lett. (Netherlands)
Materials Letters Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Mater. Manuf. Process. (USA)
Materials and Manufacturing Processes Marcel Dekker Inc., P.O.Box 5005, Monticello, NY 12701-5185, USA.

Mater. Res. Bull. (USA)
Materials Research Bulletin Elsevier Science Inc., 660 White Plains Road, Tarrytown, NY 10591-5153, USA.

Mater. Sci. (Poland)
Materials Science Wydawnictwo Politechniki Wroclawskiej, Wybreze Wyspianskiego 27, 50-370 Wroclaw, Poland.

Mater. Sci. (USA)
Materials Science [Formerly: *Sov. Mater. Sci. (USA)*; Translation of: *Fiz.-Khim. Mekh. Mater. (Ukraine)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Mater. Sci. Eng. A, Struct. Mater., Prop. Microstruct. Process. (Switzerland)
Materials Science & Engineering A (Structural Materials: Properties, Microstructure and Processing) Elsevier Sequoia S.A., P.O.Box 564, 1001 Lausanne 1, Switzerland.
Supersedes in part: Materials Science & Engineering

Mater. Sci. Eng. B, Solid-State Mater. Adv. Technol. (Switzerland)
Materials Science & Engineering B (Solid-State Materials for Advanced Technology) Elsevier Sequoia S.A., P.O. Box 564, 1001 Lausanne 1, Switzerland.
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Mater. Sci. Eng. C, Biomimetic Mater. Sens. Syst. (Switzerland)
Materials Science & Engineering C: Biomimetic Materials, Sensors and Systems Elsevier Sequoia S.A., P.O.Box 564, 1001 Lausanne 1, Switzerland.

Mater. Sci. Eng. R Rep. (Switzerland)
Materials Science & Engineering R: Reports Elsevier Sequoia S.A., P.O.Box 564, 1001 Lausanne 1, Switzerland.

Mater. Sci. Forum (Switzerland)
Materials Science Forum Trans Tech Publications, Journal Department, P.O.Box 10, CH-4711 Aedermannsdorf, Switzerland. Journal not covered from 1985-1993

Mater. Sci. Technol. (UK)
Materials Science and Technology Institute of Materials, 1 Carlton House Terrace, London SW1Y 5DB, UK.

Mater. Technol. (USA)
Materials Technology Elsevier Science Publishing Co. Inc., 655 Avenue of the Americas, New York, NY 10010, USA.

Mater. Trans. JIM (Japan)
Materials Transactions, JIM Japan Institute of Metals, Aoba Aramaki, Aoba-ku, Sendai-shi, Miyagi 980, Japan.

Materialpruefung (Germany)
Materialpruefung Carl Hanser Verlag, Kolbergerstrasse 22, W-8000 Munchen 80, Germany.

Mater.wiss. Werkst.tech. (Germany)
Materialwissenschaft und Werkstofftechnik VCH Verlagsgesellschaft mbH, Postfach 10 11 61, W-6940 Weinheim, Germany.

Math. Balk. (Serbia)
Mathematica Balkanica Beograd, pp 550, Studentski trg 16, Serbia.

Math. Biosci. (USA)
Mathematical Biosciences Elsevier Science Publishing Co. Inc., 655 Avenue of the Americas, New York, NY 10010, USA.

Math. Comput. (USA)
Mathematics of Computation Published for the National Academy of Sciences National Research Council by the American Mathematical Society, P.O. Box 6248, Providence, RI 02904, USA.

Math. Comput. Educ. (USA)
Mathematics and Computer Education Mathematics and Computer Education, P.O.Box 158, Old Bethpage, NY 11804, USA.

Math. Comput. Model. (UK)
Mathematical and Computer Modelling Elsevier Science Ltd., Bampfylde Street, Exeter EX1 2AH, UK.

Math. Comput. Simul. (Netherlands)
Mathematics and Computers in Simulation Elsevier Science Publishers B.V. (North-Holland), P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.

Math. Control Signals Syst. (USA)
Mathematics of Control, Signals, and Systems Springer-Verlag New York Inc., 175 Fifth Avenue, New York, NY 10010, USA.

Math. J. Toyama Univ. (Japan)
Mathematics Journal of Toyama University Department of Mathematics, Faculty of Science, Toyama University, Gofuku, Toyama 930, Japan.

Math. Log. Q. (Germany)
Mathematical Logic Quarterly Barth Verlagsgesellschaft mbH, Taubenstrasse 10, 10117 Berlin, Germany.

Math. Methods Appl. Sci. (UK)
Mathematical Methods in the Applied Sciences John Wiley & Sons Ltd., Baffins Lane, Chihcester, West Sussex PO19 1UD, UK.

Math. Model. Numer. Anal. (France)
Mathematical Modelling and Numerical Analysis Dunod Editeur, 15 rue Gossin, 92543 Montrouge Cedex, France.

Math. Models Methods Appl. Sci. (Singapore)
Mathematical Models & Methods in Applied Sciences World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

Math. Numer. Sin. (China)
Mathematica Numerica Sinica Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, China.

Math. Oper. Res. (USA)
Mathematics of Operations Research Operations Research Society of America, Business Office, 428 East Preston Street, Baltimore, MD 21202, USA.

Math. Proc. Camb. Philos. Soc. (UK)
Mathematical Proceedings of the Cambridge Philosophical Society Cambridge University Press, The Pitt Building, Trumpington Street, Cambridge CB2 1RP, UK.

Math. Slovaca (Slovakia)
Mathematica Slovaca Publishing House VEDA of the Slovak Academy of Sciences, 814 30 Bratislava, Klemensova 19, Slovakia.

Math. Soc. Sci. (Netherlands)
Mathematical Social Sciences Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Math. Spectr. (UK)
Mathematical Spectrum Applied Probability Trust. Editorial address: Hicks Building, The University, Sheffield, S3 7RH, UK.

Math. Struct. Comput. Sci. (UK)
Mathematical Structures in Computer Science Cambridge University Press, The Edinburgh Building, Cambridge CB2 2RU, UK.

Math. Syst. Theory (USA)
Mathematical Systems Theory Springer Verlag New York, 175 Fifth Avenue, New York, NY 10010, USA.

Matsushita Electr. Works Tech. Rep. (Japan)
Matsushita Electric Works Technical Report Matsushita Electric Works Ltd., 1048 Oaza Kadoma, Kadoma-shi, Osaka-fu 571, Japan.

Mausam (India)
Mausam India Meteorological Department. Publication address: Controller of Publications, Civil Lines, Delhi-110054, India.

Maxim Eng. J. (UK)
Maxim Engineering Journal Maxim Integrated Products (U.K.) Ltd., 21 C Horseshoe Park, Pangbourne, Reading RG8 7JW, UK.

M.D. Comput. (USA)
M.D. Computing Springer-Verlag New York Inc., 175 Fifth Avenue, New York, NY 10010, USA.

Meas. Control (UK)
Measurement and Control Institute of Measurement & Control, 87 Gower Street, London WC1E 6AA, UK.

Meas. Sci. Technol. (UK)
Measurement Science & Technology IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Meas. Tech. (USA)
Measurement Techniques [Translation of: *Izmer. Tekh. (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Measurement (Netherlands)
Measurement Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Meccanica (Netherlands)
Meccanica Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Mech. Autom. Adm. (Czech Republic)
Mechanizace Automatizace Administrativy SNTL, 113 02 Praha 1, Spalena 51, Czech Republic.

Mech. Compos. Mater. (USA)
Mechanics of Composite Materials [Translation of: *Mekh. Kompoz. Mater. (Latvia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Mech. Eng. Bull. (India)
Mechanical Engineering Bulletin Central Mechanical Engineering Research Institute, Durgapur 713209, India.

Mech. Inc. Eng. (UK)
Mechanical Incorporated Engineer Institution of Mechanical Incorporated Engineers, 3 Birdcage Walk, London SW1H 9JN, UK.

Mech. Mater. (Netherlands)
Mechanics of Materials Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Mech. Res. Commun. (UK)
Mechanics Research Communications Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Mech. Solids (USA)
Mechanics of Solids [Translation of: *Izv. Akad. Nauk SSSR Mekh. Tverd. Tela (Russia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Mech. Struct. Mach. (USA)
Mechanics of Structures and Machines Marcel Dekker Inc., P.O.Box 5005, Monticello, NY 12701-5185, USA.

Mech. Syst. Signal Process. (UK)
Mechanical Systems and Signal Processing Academic Press Ltd., 24-28 Oval Road, London NW1 7DX, UK.

Mech. Teor. Stosow. (Poland)
Mechanika Teoretyczna i Stosowana Editorial address: Wydz. Inzynierii Ladowej PW, Al Armii Ludowej 16, p. 706, 00-632 Warszawa, Poland.

Mechatronics (UK)
Mechatronics Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Med. Biol. Eng. Comput. (UK)
Medical & Biological Engineering & Computing Peter Peregrinus Ltd., Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

Med. Eng. Phys. (UK)
Medical Engineering & Physics [Formerly: *J. Biomed. Eng. (UK)*] Butterworth-Heinemann Ltd., Linacre House, Jordan Hill, Oxford OX2 8DP, UK.

Med. Imaging Technol. (Japan)
Medical Imaging Technology Japanese Society of Medical Imaging Technology, Mechanical Engineering Laboratory, AIST, MITI Japan, Namiki 1-2, Tsukuba City, Ibaraki 305, Japan.

Med. Inform. (UK)
Medical Informatics Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, UK.

Med. Nucl. (France)
Medecine Nucleaire Editions Scientifiques Elsevier, 29 rue Buffon, F-75005 Paris, France.

Med. Phys. (USA)
Medical Physics Published for the American Association of Physicists in Medicine by the American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Med. Prog. Through Technol. (Netherlands)
Medical Progress Through Technology Kluwer Academic Publishers Group, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Med. Radiol. (Russia)
Meditsinskaya Radiologiya [Title changed to: *Med. Radiol. Radiatsionnaya Bezolasnost' (Russia)*]

Med. Radiol. Radiatsionnaya Bezolasnost' (Russia)
Meditsinskaya Radiologiya i Radiatsionnaya Bezolasnost' [Formerly: *Med. Radiol. (Russia)*] Editorial address: 115478 Moskva, Kashirskoe Shosse 24, Russia.

Med. Ref. Serv. Q. (USA)
Medical Reference Services Quarterly Haworth Press Inc., 75 Griswold Street, Binghampton, NY 13904, USA.

Med. Res. Eng. (USA)
Medical Research Engineering Medical-Research-Technology, Woods Road, Great Notch, Little Falls, NJ 07424, USA.

Med. Tekh. (Russia)
Meditsinskaya Tekhnika [English translation in: *Biomed. Eng. (USA)*] Editorial address: All-Union Scientific-Research Institute of Medical Instruments, Moscow, Russia.
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Meded. K. Acad. Wet. Lett. Schone Kunsten Belg. (Belgium)
Mededelingen van de Koninklijke Academie voor Wetenschappen, Letteren en Schone Kunsten van Belgie Paleis der Academien, Hertogsstraat 1, B-1000 Bruxelles, Belgium.

Media Methods (USA)
Media and Methods American Society for Educators, 1429 Walnut Street, Philadelphia, PA 19102, USA.

Medicamundi (Netherlands)
Medicamundi Philips Medical Systems, P.O.Box 10 000, 5680 DA Best, Netherlands.

MegaLink (Switzerland)
MegaLink [Formerly: *Elektroniker (Switzerland)*] AT Zeitschriftenverlag, Bahnhofstrasse 39-43, 5001 Aarau, Switzerland.

Mehran Univ. Res. J. Eng. Technol. (Pakistan)
Mehran University Research Journal of Engineering and Technology Jamshoro, Sind, Pakistan.

Meiden Rev. (Int. Ed.) (Japan)
Meiden Review (International Edition) Meidensha Electric Manufacturing Co. Ltd., New Ohtemachi Building, 2-2-1, Ohte-machi, Chiyoda-ku, Toyko, Japan.

Mekh. Kompoz. Mater. (Latvia)
Mekhnika Kompozitnykh Materialov [English translation in: *Mech. Compos. Mater. (USA)*] Latvian Academy of Sciences, Riga, Latvia.
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Mem. B.R.G.M. (France)
Memoire du B.R.G.M. Bureau de Recherches Geologiques et Minieres, B.P. 6009, 45060 Orleans Cedex, France.

Mem. Cl. Sci. Acad. R. Belg., Collect. in-8 (Belgium)
Memoires de la Classe des Sciences de l'Academie Royal de Belgique. Collection in in-8 Palais des Academies, Rue Ducale 1, Bruxelles, Belgium.

Mem. Coll. Eng. Chubu Univ. (Japan)
Memoirs of College of Engineering, Chubu University Kasugai, Aichi 487, Japan.

Mem. Fac. Eng. Des. Kyoto Inst. Technol. Ser. Sci. Technol. (Japan)
Memoirs of the Faculty of Engineering and Design Kyoto Institute of Technology, Series of Science and Technology Matsugasaki, Sakyo-ku, Kyoto 606, Japan.

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Memoirs of the Faculty of Science, Kyushu University, Series B Fukuoka, Kyushu, Japan.

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Memoirs of the Faculty of Science, Kyushu University, Series C Fukuoka, Kyushu, Japan.

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Memoirs of the Hokkaido Institute of Technology 419-2 Maeda Teine, Nishi-ku, Sapporo, Hokkaido 061-24, Japan.

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Memoirs of the Kitami Institute of Technology Kitami Institute of Tehnology, 165 Kouen-Cho, Kitami-Shi, Hokkaido, Japan.

Mem. Kyushu Inst. Technol. Eng. (Japan)
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Mem. Sch. Sci. Eng. Waseda Univ. (Japan)
Memoirs of the School of Science & Engineering, Waseda University 3-4-1 Okubo, Shinjuku-ku, Tokyo 160, Japan.

Mem. Sect. Stiint. IV (Romania)
Memoriile Sectiilor Stiintifice, Seria IV Academia Republicii Socialiste Romania, Iasi, Str. 23 August 8, Romania.

Mem. Soc. Astron. Ital. (Italy)
Memorie della Societa Astronomica Italiana Osservatorio Astronomico di Brera, Via Brera 28, 20121 Milano, Italy.

Mem. Tokohu Inst. Technol. I, Sci. Eng. (Japan)
Memoirs of the Tohoku Institute of Technology, Series I (Science and Engineering) 35-1 Yagiyama-Kasumicho, Tahaku-ku, Sendai-shi, Miyagi 982, Japan.

Mer. Regul. (Czech Republic)
Mereni a Regulace Research Institute for Automation Systems Pluku 12a, Praha 8-Karlin, Czech Republic.

Mercury (USA)
Mercury Astronomical Society of the Pacific, 390 Ashton Avenue, San Francisco, CA 94112, USA.

Meres Autom. (Hungary)
Meres es Automatika Delt-B Kereskedelmi Szolgaltato Lap- es Konyvkiado Kft, Kossuth L. u. 17, Budapest, Hungary.

Met. Mater. (UK)
Metallic Materials [Translation of: *Kov. Mater. (Slovakia)*] Riecansky Science Publishing Co., 7 Meadow Walk, Great Abington, Cambridge CB1 6AZ, UK.

Met. Sci. Heat Treat. (USA)
Metal Science and Heat Treatment [Translation of: *Metalloved. Term. Obrab. Met. (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Metal. Electr. (Spain)
Metalurgia y Electricidad Antonio Gonzalez Porras 35-37 - 2, 28019-Madrid, Spain.

Metall. Mater. Trans. A, Phys. Metall. Mater. Sci. (USA)
Metallurgical and Materials Transactions A (Physical Metallurgy and Materials Science) [Formerly: *Metall. Trans. A, Phys. Metall. Mater. Sci. (USA)*] Minerals, Metals & Materials Society (TMS), 420 Commonwealth Drive, Warrendale, PA 15086, USA.

Metall. Mater. Trans. B, Process Metall. Mater. Process. Sci. (USA)
Metallurgical and Materials Transactions B (Process Metallurgy and Materials Processing Science) [Formerly: *Metall. Trans. B, Process Metall. (USA)*] Minerals, Metals & Materials Society (TMS), 420 Commonwealth Drive, Warrendale, PA 15086, USA.

Metall. Trans. A, Phys. Metall. Mater. Sci. (USA)
Metallurgical Transactions A (Physical Metallurgy and Materials Science) [Title changed to: *Metall. Mater. Trans. A, Phys. Metall. Mater. Sci. (USA)*]

Metall. Trans. B, Process Metall. (USA)
Metallurgical Transactions B (Process Metallurgy) [Title changed to: *Metall. Mater. Trans. B, Process Metall. Mater. Process. Sci. (USA)*]

Metallofiz. Noveish. Tekhnol. (Ukraine)
Metallofizika i Noveishie Tekhnologii [Formerly: *Metallofizika (Ukraine)*; English translation in: *Phys. Met. (UK)*] Editorial address: Institut Metallofizika AN Ukrainy, 252142 Kiev 142, Prosp. Vernadskogo 36, Ukraine.

Metallofizika (Ukraine)
Metallofizika [Title changed to: *Metallofiz. Noveish. Tekhnol. (Ukraine)*]

Metalloved. Term. Obrab. Met. (Russia)
Metallovedenie i Termicheskaya Obrabotka Metallov [English translation in: *Met. Sci. Heat Treat. (USA)*] Moskva, GSP-110, Prospekt Mira 106, Russia.
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Meteoritics (USA)
Meteoritics Meteoritical Society, University of Arkansas, Department of Chemistry & Biochemistry, Fayetteville, AR 72701, USA.

Meteorol. Atmos. Phys. (Austria)
Meteorology and Atmospheric Physics Springer-Verlag, Sachsenplatz 4-6, P.O.Box 89, A-1201 Wien, Austria.

Meteorol. Gidrol. (Russia)
Meteorologiya i Gidrologiya [English translation in: *Russ. Meteorol. Hydrol. (USA)*] 123376 Moskva, D-376, Bol'shevistskaya Ul., D.13 Komn. 114, Russia.
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Meteorol. Mag. (UK)
Meteorological Magazine Director General Meteorological Office, London Road, Bracknell, Berks RG12 2SZ, UK.

Meteorol. Z. (Germany)
Meteorologische Zeitschrift Gebruder Borntraeger Verlagsbuchhandlung, Johannesstrasse 3A, D-70176 Stuttgart, Germany.
Formed by merger of Meteorologische Rundschau and Zeitschrift fur Meteorologie

Methods Inf. Med. (Germany)
Methods of Information in Medicine F.K. Schattauer Verlag GmbH, 7 Stuttgart 1, Postfach 2945, Lenzhalde 3, Germany.

Methods Oper. Res. (Germany)
Methods of Operations Research . . . Verlagsgruppe Athenaum/Hain/Scriptor/Hanstein, Postfach 1220, 6240 Konigstein/Ts, Germany.

Metrologia (France)
Metrologia Bureau International des Poids et Mesures, Pavillon de Breteuil, F-92312 Sevres Cedex, France.

Micro Comput. Colleg (Germany)
Micro Computer Colleg Bertelsmann Fachzeitschriften GmbH, Neumarkter Strasse 18, 8000 Munchen 80, Germany.

Microbeam Anal. (USA)
Microbeam Analysis VCH Publishers, 220 East 23rd Street, New York, NY 10010-4606, USA.

Microcomput. Appl. (USA)
Microcomputer Applications ISMM, P.O.Box 2481, CA 92814-2481, USA.

Microcomput. Civ. Eng. (USA)
Microcomputers in Civil Engineering Blackwell Publishers Inc., 238 Main Steet, Cambridge, MA 02142, USA.

Microcomput. Inf. Manage. (USA)
Microcomputers for Information Management Ablex Publishing Corp., 355 Chestnut Street, Norwood, NJ 07648, USA.

Microcontamination (USA)
Microcontamination Canon Communications Inc., 3340 Ocean Park Boulevard, Ste. 1000, Santa Monica, CA 90405, USA.

Microelectron. Eng. (Netherlands)
Microelectronic Engineering Elsevier Science Publishers B.V. (North-Holland), P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.

Microelectron. J. (UK)
Microelectronics Journal Elsevier Advanced Technology, Mayfield House, 256 Banbury Road, Oxford OX2 7DH, UK.

Microelectron. Reliab. (UK)
Microelectronics and Reliability Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Microform Rev. (USA)
Microform Review K.G. Saur, 121 Chanlon Road, New Providence, NJ 07974, USA.

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Microprocess. Microprogr. (Netherlands)
Microprocessing & Microprogramming Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Microprocess. Microsyst. (UK)
Microprocessors and Microsystems Butterworth-Heinemann Ltd., Linacre House, Jordan Hill, Oxford OX2 8DP, UK.

Microsc. Microanal. Microstruct. (France)
Microscopy, Microanalysis, Microstructures Les Edition de Physique, Avenue du Hoggar, Z.I. de Courtaboeuf, B.P. 112, 91944 Les Ulis Cedex A, France.

Microscope (USA)
Microscope McCrone Research Institute Inc., 2820 Michigan Avenue, Chicago, IL 60616-3292, USA.

Microtecnic (Switzerland)
Microtecnic Agifa Verlag AG, Bruggacherstrasse 26, CH-8117 Fallanden, Switzerland.

Microw. Eng. Eur. (UK)
Microwave Engineering Europe Morgan-Grampian (Technical Press) Ltd., Morgan-Grampian House, 30 Calderwood Street, London SE18 6QH, UK.

Microw. J. (USA)
Microwave Journal 685 Canton Street, Norwood, MA 02062-2301, USA.

Microw. Opt. Technol. Lett. (USA)
Microwave and Optical Technology Letters John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.

Microw. RF (USA)
Microwaves & RF Penton Publishing Inc., 1100 Superior Avenue, Cleveland, OH 44114-2543, USA.

Mikroelektronika (Russia)
Mikroelektronika [English translation in: *Russ. Microelectron. (USA)*] Akademiya Nauk SSSR, Moskva, Russia.
INSPEC coverage is from English translation

Mikrowellen HF Mag., Telecommun. (Germany)
Mikrowellen & HF Magazin. Telecommunications Sprechsaal Publishing Group, P.O.Box 2962, D-96418 Coburg, Germany.

Min. Technol. (UK)
Mining Technology Marylebone Press Ltd of Lloyds House, 18 Lloyd Street, Manchester M2 5WA, UK.

Mind Lang. (UK)
Mind and Language Basil Blackwell Ltd., 108 Cowley Road, Oxford OX4 1JF, UK.

Mind Your Own Bus. (UK)
Mind Your Own Business Cairnmark Ltd., The Workhouse, 106 Church Road, London SE19 2UB, UK.

Minds Mach. (Netherlands)
Minds and Machines Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Mini-Micro Syst. (China)
Mini-Micro Systems Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, China.

Mini Micro Syst. (UK)
Mini Micro Systems BPL Business Publications Ltd., Cedargreen House, Bentinck Road, West Drayton, Middx. UB7 7RQ, UK.

Minor Planet Circ./Minor Planets Comets (USA)
Minor Planet Circulars/Minor Planets and Comets Minor Planet Center, Smithsonian Astrophysical Observatory, Cambridge, MA 02138, USA.

Mitsubishi Cable Ind. Rev. (Japan)
Mitsubishi Cable Industries Review New Kokusai Building, 3-4-1 Marunouchi, Chiyodaku, Tokyo 100, Japan.

Mitsubishi Denki Giho (Japan)
Mitsubishi Denki Giho Mitsubishi Electric Corp., Mitsubishi Denki Building, Marunouchi, Tokyo 100, Japan.

Mitsubishi Denki Lab. Rep. (Japan)
Mitsubishi Denki Laboratory Reports Research Laboratory, Mitsubishi Electric Manufacturing Company, Amagasaki, Japan.
Publication temporarily suspended

Mitsubishi Electr. Adv. (Japan)
Mitsubishi Electric Advance Mitsubishi Electric Corp., Mitsubishi Denki Building, 2-2-3 Marunouchi, Chiyoda-ku, Tokyo 100, Japan.

Mitsubishi Tech. Bull. (Japan)
Mitsubishi Technical Bulletin Mitsubishi Heavy Industries Ltd., 2-5-1 Marunouchi, Chiyoda-ku, Tokyo 100, Japan.

Mitsui Zosen Tech. Rev. (Japan)
Mitsui Zosen Technical Review Mitsui Engineering & Shipbuilding Co. Ltd., 5-6-4 Tsukiji, Chuo-ku, Tokyo, Japan.

Mitt. AGEN (Switzerland)
Mitteilungen AGEN Stiftung Hasler-Werke, Belpstrasse 37, CH-3000 Bern 14, Switzerland.

Mob. Cell. (UK)
Mobile & Cellular Nexus Business Communications Ltd., Warwick House, Swanley BR8 8HY, UK.

Mod. Geol. (UK)
Modern Geology Gordon and Breach Science Publishers Ltd., P.O.Box 90, Reading RG1 8JL, UK.

Mod. Mater. Handl. (USA)
Modern Materials Handling Cahners Publishing Co., 275 Washington Street, Newton, MA 02158, USA.

Mod. Phys. Lett. A (Singapore)
Modern Physics Letters A World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

Mod. Phys. Lett. B (Singapore)
Modern Physics Letters B World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

Mod. Power Syst. (UK)
Modern Power Systems Wilmington Publishing Ltd., Wilmington House, Church Hill, Wilmington, Dartford, Kent DA2 7EF, UK.

Model. Identif. Control (Norway)
Modeling, Identification and Control Royal Norwegian Council for Scientific and Industrial Research, Division of Engineering Cybernetics, NTH, N-7034 Trondheim, Norway.

Model. Meas. Control A (France)
Modelling, Measurement & Control A AMSE Press, 16 Avenue de Grange Blanche, 69160 Tassin-la-Demi-Lune, France.

Model. Meas. Control B (France)
Modelling, Measurement & Control B AMSE Press, 16 Avenue de Grange Blanche, 69160 Tassin-la-Demi-Lune, France.

Model. Meas. Control C (France)
Modelling, Measurement & Control C AMSE Press, 16 Avenue de Grange Blanche, 69160 Tassin-la-Demi-Lune, France.

Model. Meas. Control D, Manuf. Manage. Hum. Socio-Econ. Probl. (France)
Modelling, Measurement & Control D (Manufacturing, Management, Human & Socio-Economic Problems) AMSE Press, 16 Avenue Grange Blanche, 69160 Tassin-la-Demi-Lune, France.

Model. Simul. Mater. Sci. Eng. (UK)
Modelling and Simulation in Materials Science and Engineering IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Mol. Cryst. Liq. Cryst. (UK)
Molecular Crystals and Liquid Crystals Gordon and Breach Science Publishers Ltd., P.O.Box 90, Reading RG1 8JL, UK.

Mol. Cryst. Liq. Cryst. Suppl. Ser. (UK)
Molecular Crystals and Liquid Crystals Supplement Series Gordon and Breach Science Publishers Ltd., P.O.Box 90, Reading RG1 8JL, UK.

Mol. Mater. (UK)
Molecular Materials Gordon and Breach Science Publishers Ltd., P.O.Box 90, Reading, Berks. RG1 8JL, UK.

Mol. Phys. (UK)
Molecular Physics Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, UK.

Mon. Not. R. Astron. Soc. (UK)
Monthly Notices of the Royal Astronomical Society Published for the Royal Astronomical Society by Blackwell Scientific Publications Ltd., Osney Mead, Oxford OX2 0EL, UK.

Mon. Notes Astron. Soc. South. Afr. (South Africa)
Monthly Notes of the Astronomical Society of Southern Africa South African Astronomical Observatory, P.O. Box 9. Observatory, Cape, South Africa.

Mon. Weather Rev. (USA)
Monthly Weather Review American Meteorological Society, 45 Beacon Street, Boston, MA 02108, USA.

Monitor (Australia)
Monitor Institution of Radio and Electronics Engineers Australia, Commercial Unit 3, Edgecliff Court, 2 New McLean Street, Edgcliff, Sydney, NSW 2027, Australia.

Monitor (UK)
Monitor Learned Information (Europe) Ltd., Woodside, Hinksey Hill, Oxford OX1 5AU, UK.

Monogr. Acad. Cienc. Exactas Fis. Quim. Nat. Zaragoza (Spain)
Monografias de la Academia de Ciencias, Exactas, Fisicas, Quimicas y Naturales, de Zaragoza Zaragoza, Spain.

Mosc. Univ. Comput. Math. Cybern. (USA)
Moscow University Computational Mathematics and Cybernetics [Translation of: *Vestn. Mosk. Univ. 15, Vychisl. Mat. Kibern. (Russia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Mosc. Univ. Phys. Bull. (USA)
Moscow University Physics Bulletin [Translation of: *Vestn. Mosk. Univ. 3, Fiz. Astron. (Russia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Motorola Tech. Dev. (USA)
Motorola Technical Developments Motorola Inc., Motorola Center, 1303 East Algonquin Road, Schaumburg, IL 60196, USA.

Motorola Tech. Discl. Bull. (USA)
Motorola Technical Disclosure Bulletin Schaumburg, IL 60196, USA.

MRS Bull. (USA)
MRS Bulletin Materials Research Society, 9800 McKnight Road, Suite 327, Pittsburgh, PA 15237, USA.

MSR, Mess. Steuern Regeln (East Germany)
MSR (Messen Steuern Regeln) [Issued with: *Autom.tech. Prax. (Germany)*]

Multidimens. Syst. Signal Process. (Netherlands)
Multidimensional Systems and Signal Processing Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Multilingua (Germany)
Multilingua Walter de Gruyter & Co., Postfach 110240, W-1000 Berlin 11, Germany.

Multimedia Rev. (USA)
Multimedia Review Meckler Corp., 11 Ferry Lane West, Westport, CT 06880, USA.

Mundo Electron. (Spain)
Mundo Electronico Boixareau Editores, S.A., Gran Via de les Corts Catalanes 594, 2 Barcelona 7, Spain.

Nachr. Dok. (Germany)
Nachrichten fur Dokumentation Verlag Hoppenstedt & Co., Postfach 100 139, 64201 Darmstadt, Germany.

Nachr.tech. Elektron. (Germany)
Nachrichtentechnik Elektronik VT Verlag Technik GmbH, Am Friedrichshain 22, 10407 Berlin, Germany.

Nanostruct. Mater. (USA)
Nanostructured Materials Elsevier Science Inc., 660 White Plains Road, Tarrytown, NY 10591-5153, USA.

Nanotechnology (UK)
Nanotechnology Institute of Physics, Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Nat. Hazards (Netherlands)
Natural Hazards Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Nat. Lang. Semant. (Netherlands)
Natural Language Semantics Kluwer Academic Publishers Group, P.P. Box 322, 3300 AH Dordrecht, Netherlands.

Nat. Resour. Forum (UK)
Natural Resources Forum Butterworth-Heinemann Ltd., Linacre House, Jordan Hill, Oxford OX2 8DP, UK.

Natl. Acad. Sci. Lett. (India)
National Academy Science Letters National Academy of Sciences, India, 5-Lajpat Rai Road, Allahabad 21 10 02, India.

Natl. Tech. Rep. (Japan)
National Technical Report Matsushita Electric Ind. Co. Ltd., Moriguchi, Osaka, Japan.

Natl. Water Cond. (USA)
National Water Conditions United States Department of the Inerior, Geological Survey, National Center, Stop 419, Reston, VA 22092, USA.

Nature (UK)
Nature Macmillan Journals Ltd., 4 Little Essex Street, London WC2R 3LF, UK.
Incorporates Nature (Physical Science)

Nauchno-Tekh. Inf. 1 (Russia)
Nauchno-Tekhnicheskaya Informatsiya, Seriya 1 [English translation of selected articles in: *Sci. Tech. Inf. Process. (USA)*] Editorial address: 125219 Moskva, Ul. Usneviya 20A, Russia.

Nauchno-Tekh. Inf. 2 (Russia)
Nauchno-Tekhnicheskaya Informatsiya, Seriya 2 [English translation of selected articles in: *Autom. Doc. Math. Linguist. (USA)*] Baltiiskaya ul., D 14, 125219 Moskva, Russia.

Nauk. Inform. (Ukraine)
Naukovedenie i Informatika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, Ukraine.

Nav. Res. Logist. (USA)
Naval Research Logistics John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.

Nav. Res. Rev. (USA)
Naval Research Reviews Department of the Navy, Office of Naval Research, Arlington, VA 22217, USA.

Navig., J. Inst. Navig. (USA)
Navigation. Journal of the Institute of Navigation Institute of Navigation, 1400 Diagonal Road, Suite 480, Alexandria, VA 22314-2840, USA.

Navigation (France)
Navigation Institut Francaise de Navigation, 3 avenue Octave-Greard, 75007 Paris, France.

Navigation (Japan)
Navigation Japan Institute of Navigation, c/o Tokyo University of Mercantile Marine, 2-1-6, Etchujima, Koto-ku, Tokyo 135, Japan.

NDT & E Int. (UK)
NDT&E International Butterworth-Heinemann Ltd., Linacre House, Jordan Hill, Oxford OX2 8DP, UK.

NE Sci. (Germany)
NE Science [Issued with: *Nachr.tech. Elektron. (Germany)*]

NEC Res. Dev. (Japan)
NEC Research and Development NEC Creative Ltd., 29-11 Shiba 5-chome, Minato-ku, Tokyo 108, Japan.

NEC Tech. J. (Japan)
NEC Technical Journal Nippon Electric Co. Ltd., 5-29-11 Shiba, Minato-ku, Tokyo 108, Japan.

Ned. Tijdschr. Natuurkd. (Netherlands)
Nederlands Tijdschrift voor Natuurkunde Nederlandse Natuurkundige Vereniging, Postbus 302, 1170 AH Badhoevedorp, Netherlands.
From Feb. 1977 to Dec. 1990 published under the title Nederlands Tijdschrift voor Natuurkunde A and Nederlands Tijdschrift voor Natuurkunde B

Neorg. Mater. (Russia)
Neorganicheskie Materialy [English translation in: *Inorg. Mater. (Russia)*] Russian Academy of Sciences, Moscow, Russia.
INSPEC coverage is from English translation

NET (Germany)
NET R. v. Decker's Verlag, Postfach 10 28 69, 69018 Heidelberg, Germany.

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Netsu Sokutei (Japan)
Netsu Sokutei Japan Society of Calorimetry and Thermal Analysis, Cosmos Hongo Bldg., 4-1-4 Hongo Bunkyo-ku, Tokyo 113, Japan.

Netw. Comput. (UK)
Network Computing Business and Technical Communications, 24 High Street, Beckenham, Kent BR3 1AY, UK.

Netw., Comput. Neural Syst. (UK)
Network: Computation in Neural Systems IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

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Network (UK)
Network VNU Business Publications, VNU House, 32-34 Broadwick Street, London W1E 6QZ, UK.

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Networks John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.

Neural Comput. (USA)
Neural Computation MIT Press Journals, 55 Hayward Street, Cambridge, MA 02142, USA.

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Neural Networks Elsevier Science Ltd., 660 White Plains Road, Tarrytown, NYU 10591-5153, USA.

Neural Parallel Sci. Comput. (USA)
Neural, Parallel & Scientific Computations Dynamic Publisher Inc., P.O.Box 48654, Atlanta, GA 30362, USA.

Neurocomputing (Netherlands)
Neurocomputing Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

New Electron. (UK)
New Electronics Findlay Publications Ltd., Franks Hall, Horton Kirby, Dartford, Kent DA4 9LL, UK.

New Gener. Comput. (Japan)
New Generation Computing Ohmsha Ltd., 1-3 Kanda Nishiki-cho, Chiyoda-ku, Tokyo 101, Japan.

New J. Chem. (France)
New Journal of Chemistry CDR Centrale des Revues, 11 rue Gossin, 92543 Montrouge Cedex, France.

New Phys. (Korean Phys. Soc.) (South Korea)
New Physics (Korean Physical Society) Korean Physical Society, Science Center Building, 635-4 Yuksam-dong, Kangnam-ku, Seoul 135-703, South Korea.

New Sci. (UK)
New Scientist New Science Publications, Kings Reach Tower, Stamford Street, London SE1 9LS, UK.
Incorporates Science Journal

New Technol. Work Employ. (UK)
New Technology, Work and Employment Blackwell Publishers Ltd., 108 Cowley Road, Oxford OX4 1JF, UK.

News Rohde Schwarz (Germany)
News from Rohde and Schwarz Rohde & Schwarz GmbH & Co. KG, Muhldorfstrasse 15, D-81671 Munich, Germany.

Newsl. NEA Data Bank (France)
Newsletter of the NEA Data Bank Nuclear Energy Agency, NEA Data Bank, B.P. No. 9 (Bat. 45), F-91190 Gif sur Yvette, France.

NHK Lab. Note (Japan)
NHK Laboratories Note Nippon Hoso Kyokai, 1-10-11 Kinuta, Setagaya-ku, Tokyo 157, Japan.

NHK Tech. J. (Japan)
NHK Technical Journal NHK Technical Research Laboratories, Broadcasting Science Research Laboratories, 1-10-11 Kinuta, Setagaya-ku, Tokyo, Japan.

Nikkei Electron. (Japan)
Nikkei Electronics Nikkei Business Publications Inc., 2-1-1 Hirakawa-cho, Chioyda-ku, Tokyo 102, Japan.

NKK Tech. Rep. (Japan)
NKK Technical Report NKK Corp., 1-1 Minamiwatarida, Kawasaki-ku, Kawasaki 210, Japan.

NMR Biomed. (UK)
NMR in Biomedicine John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Noise Control Eng. J. (USA)
Noise Control Engineering Journal Institute of Noise Control Engineering, P.O.Box 3206, Arlington Branch, Poughkeepsie, NY 12603, USA.

Noise Vib. Worldw. (UK)
Noise & Vibration Worldwide IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Nondestruct. Test. Eval. (UK)
Nondestructive Testing and Evaluation Gordon and Breach Science Publishers S.A., c/o STBS Ltd., P.O.Box 197, London WC2E 9PX, UK.

Nonlinear Anal. Theory Methods Appl. (UK)
Nonlinear Analysis Theory, Methods & Applications Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Nonlinear Dyn. (Netherlands)
Nonlinear Dynamics Kluwer Academic Publisher Group, P.O.Box 322, 3300 AA Dordrecht, Netherlands.

Nonlinear Opt. Princ. Mater. Phenom. Devices (UK)
Nonlinear Optics, Principles, Materials, Phenomena and Devices Gordon and Breach Science Publishers Ltd., P.O.Box 90, Reading, Berks. RG1 8JL, UK.

Nonlinear Vib. Probl. (Poland)
Nonlinear Vibration Problems Editorial address: 00-049 Warszawa, Swietokrzyska 21, Poland.

Nonlinearity (UK)
Nonlinearity Institute of Physics Publishing Ltd. and LMS Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6HE, UK.

Nor. Polarinst. Medd. (Norway)
Norsk Polarinstitutt Meddelelser P.O.Box 158, N-1330 Oslo Lufthavn, Norway.

Nor. Polarinst. Skr. (Norway)
Norsk Polarinstitutt Skrifter Rolfstanveien 12, 1330 Oslo 12 Lufthavn, Norway.

Nor. Polarinst. Temakart (Norway)
Norsk Polarinstitutt Temakart Rolfstangveien 12, 1330 Oslo Lufthavn, Norway.

Nord. J. Comput. (Finland)
Nordic Journal of Computing Department of Computer Science, University of Helsinki, P.O.Box 26, FIN-00014 Helsinki, Finland.

Not. Ist. Autom. Univ. Roma (Italy)
Notiziario dell'Istituto di Automatica dell'Universita di Roma Universita Degli Studi, Citta Universitaria, 00100 Rome, Italy.

Notre Dame J. Form. Log. (USA)
Notre Dame Journal of Formal Logic University of Notre Dame, P.O. Box 5, Notre Dame, IN 46556, USA.

Novatica (Spain)
Novatica ATI-NOVATICA, Via Layetana 39, 3er, 08003 Barcelona, Spain.

NPL News (UK)
NPL News National Physical Laboratory, Teddington, Middx. TW11 0LW, UK.

NRIM Res. Act. (Japan)
NRIM Research Activities National Research Institute for Metals, 2-3-12 Nakameguro, Meguro-ku, Tokyo 153, Japan.

NTT R & D (Japan)
NTT R & D Nippon Telegraph and Telephone Public Corp., 1-12-1 Yuraku-cho, Chiyoda-ku, Tokyo 100, Japan.

NTT Rev. (Japan)
NTT Review Nippon Telegraph and Telephone Public Corp., 1-6 Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 100, Japan.
Formed by merger of Japan Telecommunications Review and Review of the Electrical Communications Laboratories

NTZ (Germany)
NTZ VDE-Verlag GmbH, Bismarckstrasse 33, D-10625 Berlin, Germany.

Nucl. Act. (South Africa)
Nuclear Active Atomic Energy Corporation of South Africa Ltd., P.O.Box 78687, Sandton 2146, Transvaal, South Africa.

Nucl. Data Sheets (USA)
Nuclear Data Sheets Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

Nucl. Energy (UK)
Nuclear Energy British Nuclear Energy Society, 1-7 Great George Street, London SW1P 3AA, UK.

Nucl. Eng. (UK)
Nuclear Engineer Institution of Nuclear Engineers, 1 Penerley Road, London SE6 2LQ, UK.

Nucl. Eng. Des. (Netherlands)
Nuclear Engineering and Design Elsevier Science Publishers B.V., P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.

Nucl. Eng. Int. (UK)
Nuclear Engineering International Business Press International Ltd., Quadrant House, The Quadrant, Sutton, Surrey SM2 5AS, UK.

Nucl. Eur. Worldscan (Switzerland)
Nuclear Europe Worldscan European Nuclear Society, P.O.Box 5032, CH-3001 Berne, Switzerland.

Nucl. Fusion (Austria)
Nuclear Fusion International Atomic Energy Agency, Wagramerstrasse 5, P.O.Box 100, A-1400 Vienna, Austria.

Nucl. Fusion Plasma Phys. (China)
Nuclear Fusion and Plasma Physics Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, China.

Nucl. Instrum. Methods Phys. Res. A, Accel. Spectrom. Detect. Assoc. Equip. (Netherlands)
Nuclear Instruments & Methods in Physics Research, Section A (Accelerators, Spectrometers, Detectors and Associated Equipment) North-Holland Physics Publishing, P.O.Box 103, 1000 AC Amsterdam, Netherlands.
Supersedes in part: Nuclear Instruments & Methods in Physics Research

Nucl. Instrum. Methods Phys. Res. B, Beam Interact. Mater. At. (Netherlands)
Nuclear Instruments & Methods in Physics Research, Section B (Beam Interactions with Materials and Atoms) North-Holland Physics Publishing, P.O.Box 103, 1000 AC Amsterdam, Netherlands.
Supersedes in part: Nuclear Instruments & Methods in Physics Research

Nucl. Phys. A (Netherlands)
Nuclear Physics A Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Nucl. Phys. B (Netherlands)
Nuclear Physics B Elsevier Science Publishers, P.O.Box 211, 1000 AE Amsterdam, Netherlands.
From July 1982 to Dec. 1991 published under the title Nuclear Physics B (Particle Physics)

Nucl. Phys. B, Proc. Suppl. (Netherlands)
Nuclear Physics B, Proceedings Supplements Elsevier Science B.V., P.O.Box 103, 1000 AC Amsterdam, Netherlands.

Nucl. Saf. (USA)
Nuclear Safety Oak Ridge National Laboratory, P.O.Box 2009, Oak Ridge, TN 37831-8065, USA.

Nucl. Sci. Appl. A (Switzerland)
Nuclear Science Applications, Section A Harwood Academic Publishers GmbH, Poststrasse 22, CH-7000 Chur, Switzerland.

Nucl. Sci. Appl. B (Switzerland)
Nuclear Science Applications, Section B Harwood Academic Publishers GmbH, Poststrasse 22, CH-7000 Chur, Switzerland.

Nucl. Sci. Eng. (USA)
Nuclear Science and Engineering American Nuclear Society, 555 North Kensington Avenue, La Grange Park, IL 60525, USA.

Nucl. Sci. J. (Taiwan)
Nuclear Science Journal Atomic Energy Council, Republic of China, 67 Lane 144, Keelung Road Sec. 4, Taipei, Taiwan 107, Taiwan.

Nucl. Sci. Tech. (China)
Nuclear Science and Techniques Science Press, 16 Donguangchenggen North Street, Beijing 100707, China.

Nucl. Tech. (China)
Nuclear Techniques Distribution address: China International Book Trading Corp., P.O.Box 399, Beijing 100044, China.

Nucl. Technol. (USA)
Nuclear Technology American Nuclear Society, 555 North Kensington Avenue, La Grange Park, IL 60525, USA.

Nucl. Tracks Radiat. Meas. (UK)
Nuclear Tracks and Radiation Measurements [Title changed to: *Radiat. Meas. (UK)*]

Nucleus (Pakistan)
Nucleus PINSTECH, P.O. Nilore, Islamabad, Pakistan.

Nukleonika (Poland)
Nukleonika Polska Akademia Nauk, 00-901 Warszawa, Polac Kultury i Nauki, Poland.

Numer. Algorithms (Switzerland)
Numerical Algorithms J.C. Baltzer, Scientific Publishing Co., Wettsteinplatz 10, CH-4058 Basel, Switzerland.

Numer. Funct. Anal. Optim. (USA)
Numerical Functional Analysis and Optimization Marcel Dekker Inc., P.O.Box 5005, Monticello, NY 12701-5185, USA.

Numer. Heat Transf. A, Appl. (UK)
Numerical Heat Transfer, Part A (Applications) Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, UK.
Supersedes in part: Numerical Heat Transfer

Numer. Heat Transf. B, Fundam. (UK)
Numerical Heat Transfer, Part B (Fundamentals) Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, UK.
Supersedes in part: Numerical Heat Transfer

Numer. Math. (Germany)
Numerische Mathematik Springer-Verlag, D-14197 Heidelberger Platz 3, Berlin, Germany.

Nuovo Cimento A (Italy)
Nuovo Cimento A Editrice Compositori, via Stalingrado 97/2, 40128 Bologna, Italy.

Nuovo Cimento B (Italy)
Nuovo Cimento B Editrice Compositori, via Stalingrado 97/2, 40128 Bologna, Italy.

Nuovo Cimento C (Italy)
Nuovo Cimento C Editrice Compositori, via Stalingrado 97/2, 40128 Bologna, Italy.

Nuovo Cimento D (Italy)
Nuovo Cimento D Editrice compositori, via Stalingrado 97/2, 40128 Bologna, Italy.

N.Z. Electron. Rev. (New Zealand)
New Zealand Electronics Review National Electronics Development Association (N.Z.) Inc., P.O.Box 6424, Te Aro, Wellington, New Zealand.

N.Z. Eng. (New Zealand)
New Zealand Engineering Institution of Professional Engineers New Zealand, P.O.Box 12241, Molesworth House, Molesworth Street, Wellington, New Zealand.

Object Mag. (USA)
Object Magazine SIGS Publications, 588 Broadway, New York, NY 10012, USA.

Object Manag. (UK)
Object Manager IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 8NX, UK.

Objects Eur. (UK)
Objects in Europe SIGS Conferences, Brocus House, Parkgate Road, Newdigate, Surrey RH5 5AH, UK.

Observatory (UK)
Observatory The Editors of 'The Observatory', Rutherford Appleton Laboratory, Chilton, Didcot, Oxon OX11 0QX, UK.

Oceanol. Acta (France)
Oceanologica Acta C.D.R. - Centrale des Revues, 11 rue Gossin, 92543 Montrouge Cedex, France.

Oceanol. Limnol. Sin. (China)
Oceanologia et Limnologia Sinica Editorial address: Chinese Society of Oceanology and Limnology, 7 Nanhai Road, Qingdao, China.

Oceanology (USA)
Oceanology [Translation of: *Okeanologiya (Russia)*] American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA.

OCLC Syst. Serv. (USA)
OCLC Systems & Services Meckler Corp., 11 Ferry Lane West, Westport, CT 06880, USA.

OEGAI-J. (Austria)
OEGAI-Journal Osterreichische Gesellschaft fur Artificial Intelligence, P.O.Box 177, A-1014 Vienna, Austria.

OEIAZ Oesterr. Ing.- & Archit.-Z. (Austria)
OEIAZ Oesterreichische Ingenieur- und Architekten-Zeitschrift Osterreichischer Ingenieur- und Architekten-Verein, Eschenbachgasse 9, A-1010 Wien, Austria.

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OEP Off. Equip. Prod. (Japan)
OEP Office Equipment & Products Dempa Publications Inc., 1-11-15 Higashi Gotanda, Shinagawa-ku, Tokyo 141, Japan.

Oesterr. Z. Elektr.wirtsch. (Austria)
Oesterreichische Zeitschrift fur Elektrizitaetswirtschaft Springer-Verlag, Sachsenplatz 4-6, P.O.Box 89, A-1201 Wien, Austria.

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Office Buyword Wilmington Publishing, Wilmington House, Church Hill, Dartford, Kent UA2 8EF, UK.

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Office Equipment News Wilmington Publishing Ltd.,, Wilmington House, Church Hill, Wilmington, Dartford, Kent DA2 7EF, UK.

Off. Home (UK)
Office at Home Intra Press Ltd., Intra House, 193 Uxbridge Road, London W12 9RA, UK.

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Office Productivity Mclean Hunter Ltd., Maclean Hunter Building, 777 Bay Street, Toronto, Ont. M5W 1A7, Canada.

Off. Syst. Res. J. (USA)
Office Systems Research Journal Office Systems Research Association, Administrative Office Systems, Southwest Missouri State University, 901 South National Avenue, Springfield, MO 65804-0089, USA.

Off. World News (USA)
Office World News BUS Publishing Group, 99 Jericho Turnpike, Suite 302A, Jericho, NY 11753, USA.

Office (USA)
The Office Office Publications Inc., 1600 Summer Street, Stamford, CT 06905, USA.

Offset Print. Reprod. (UK)
Offset Printing & Reproduction Maclean Hunter Ltd., Maclean Hunter House, Chalk Lane, Cockfosters Road, Barnet, Herts. EN4 0BU, UK.

Ogneupory (Russia)
Ogneupory [English translation in: *Refractories (USA)*] Moskva G-34, 2-i, Obl'denskii, rep. 14, Russia.
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Ohio CPA J. (USA)
Ohio CPA Journal Ohio Society of Certified Public Accountants, P.O.Box 1810, 535 Metro Place South, Dublin, OH 43017-7810, USA.

Okeanologiya (Russia)
Okeanologiya [English translation in: *Oceanology (USA)*] 2 ya Tilografiya Izdatelvstva 'Nauka', Moskva, Shchybiiskii lep. 10, Russia.
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Oki Tech. Rev. (Japan)
Oki Technical Review Oki Electric Industry Co. Ltd., 7-12 Toranomon 1-chome, Minato-ku, Tokyo 105, Japan.

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Omega Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

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Online/CD-ROM Bus. Inf. (UK)
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Online Libraries and Microcomputers Information Intelligence Inc., P.O.Box 31098, Phoenix, AZ 85046, USA.

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OOPS Messenger Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

Open Syst. Econ. Lett. (USA)
Open Systems Economics Letters 5841 Edison Place, Carlsbad, CA 92008, USA.

Oper. Geogr. (Canada)
Operational Geographer Canadian Association of Geographers-l'Association Canadienne des Geographes, Burnside Hall, McGill University, 805 Sherbrooke Street W., Montreal, Que. H3A 2K6, Canada.

Oper. Res. (USA)
Operations Research Operations Research Society of America, 1314 Guildford Avenue, Baltimore, MD 21202, USA.

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Operations Research Letters Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Oper. Syst. Rev. (USA)
Operating Systems Review Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

Ophthalmic Physiol. Opt. (UK)
Ophthalmic & Physiological Optics Butterworth-Heinemann Ltd., Linacre House, Jordan Hill, Oxford OX2 8DP, UK.

Opsearch (India)
Opsearch Operational Research Society of India. Editorial address: Indian Statistical Institute, 7 SJS Sansanwal Marg, New Delhi - 110029, India.

Opt. Appl. (Poland)
Optica Applicata Wroclaw Technical University Press, 50-370 Wroclaw, Wybrzeze Wyspianskiego 27, Poland.

Opt. Commun. (Netherlands)
Optics Communications Elsevier Science Publishers B.V. (North-Holland), P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Opt. Comput. Process. (UK)
Optical Computing & Processing Taylor & Francis Ltd., Rankine Road, Basingstoke, Hants. RG24 0PR, UK.
Now incorporated into International Journal of Optoelectronics

Opt. Eng., Bellingham (USA)
Optical Engineering Society of Photo-Optical Instrumentation Engineers, P.O.Box 10, Bellingham, WA 98227-0010, USA.

Opt. Laser Technol. (UK)
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Optics and Lasers in Engineering Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Opt. Lett. (USA)
Optics Letters Optical Society of America, 2010 Massachusetts Avenue, N.W., Washington, DC 20036-1023, USA.

Opt. Mater. (Netherlands)
Optical Materials Elsevier Science Publishers B.V., P.O.Box 103, 1000 AC Amsterdam, Netherlands.

Opt.-Mekh. Prom. (Russia)
Optiko-Mekhanicheskaya Promyshlennost [English translation in: *J. Opt. Technol. (USA)*] Vasilov Optical Research Institute, Kaluzhskoye Chausee 32, Moskva, Russia.
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Opt. Mem. Neural Netw. (USA)
Optical Memory & Neural Networks Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Opt. Photonics News (USA)
Optics & Photonics News Optical Society of America, 2010 Massachusetts Avenue, N.W., Washington, DC 20036, USA.

Opt. Pura Apl. (Spain)
Optica Pura y Aplicada Serrano 121, 28006 Madrid, Spain.

Opt. Quantum Electron. (UK)
Optical and Quantum Electronics Chapman and Hall, 2-6 Boundary Row, London SE1 8HH, UK.

Opt. Spectrosc. (Russia)
Optics and Spectroscopy [Formerly: *Opt. Spectrosc. (USA)*; Translation of: *Opt. Spektrosk. (Russia)*] MAIK Nauka/Interperiodica Publishing, Profsoyuznaya Ul. 90, Moscow 117864, Russia.

Opt. Spectrosc. (USA)
Optics and Spectroscopy [Title changed to: *Opt. Spectrosc. (Russia)*]

Opt. Spektrosk. (Russia)
Optika i Spektroskopiya [English translation in: *Opt. Spectrosc. (Russia)*] Rossiiskaya Akademiya Nauk. Editorial address: 199034 S.-Peterburg V-34, Mendeleevskaya Liniya 1, Russia.
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Optik (Germany)
Optik Wissenschaftliche Verlagsgesellschaft, W-70009 Stuttgart, Postfach 10 10 61, Germany.

Optim. Control Appl. Methods (UK)
Optimal Control Applications & Methods John Wiley & Sons Ltd., Baffins Lane, Chichester, Sussex PO19 1UD, UK.

Optimization (UK)
Optimization Gordon and Breach Science Publishers S.A., c/o STBS Ltd., P.O.Box 90, Reading, Berks. RG1 8JL, UK.

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Optimum Communication Group, Public Works and Government Services Canada, Ottawa, Ont. K1A 0S9, Canada.

Opto-Electron. Rev. (Poland)
Opto-Electronics Review SIGMA-NOT Ltd., Ul. Ratuszowa 11, 03-450 Warszawa, Poland.

Opto Laser Eur. (UK)
Opto & Laser Europe IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Optoelectron., Devices Technol. (Japan)
Optoelectronics - Devices and Technologies Mita Press, Ochanomizu Center Building, 3-2-12 Hongo, Bunkyo-ku, Tokyo 113, Japan.

Optoelectron. Instrum. Data Process. (USA)
Optoelectronics, Instrumentation and Data Processing [Translation of: *Avtometriya (Russia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Optoelektron. Poluprovodn. Tekh. (Ukraine)
Optoelektronika i Poluprovodnikovaya Tekhnika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, Ukraine.

Optom. Vis. Sci. (USA)
Optometry and Vision Science American Academy of Optometry, 428 E. Preston Street, Baltimore, MD 21202, USA.

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Orig. Life Evol. Biosph. (Netherlands)
Origins of Life and Evolution of the Biosphere Kluwer Academic Publishers Group, P.O.Box 322, 3300 AA Dordrecht, Netherlands.

ORSA J. Comput. (USA)
ORSA Journal on Computing Operations Research Society of America, 1314 Guildford Avenue, Baltimore, MD 21202-3995, USA.

ORSA/TIMS Bull. (USA)
ORSA/TIMS Bulletin Operations Research Society of America, 1314 Guildford Avenue Street, Baltimore, MD 21202, USA.

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Otbor i Obrabotka Informatsii Naukova Dumka Publishers, 252601 Kiev 4, Repin Street 3, Ukraine.

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Pakistan Journal of Science Pakistan Association for the Advancement of Science, 6-B Gulberg II, Lahore 11, Pakistan.

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Pakistan Journal of Scientific Research Pakistan Association for the Advancement of Science, 6-B Gulberg II, Lahore 11, Pakistan.

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Pattern Recognit. Lett. (Netherlands)
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PC Perspectives Newsletter Architecture Technology Corp., P.O.Box 24344, Minneapolis, MN 55424, USA.

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PC User EMAP Business Publishing, 33-39 Bowling Green Lane, London EC1R 0DA, UK.

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Period. Polytech. Electr. Eng. (Hungary)
Periodica Polytechnica Electrical Engineering Technical University of Budapest, H-1521 Budapest, Hungary.

Period. Polytech. Phys. Nucl. Sci. (Hungary)
Periodica Polytechnica, Physics and Nuclear Sciences Technical University of Budapest, H-1521 Budapest, Hungary.

Perkin-Elmer Tech. News (USA)
Perkin-Elmer Technical News Perkin-Elmer Corp., Danbury, CT 06810, USA.

Pers. Comput. Mag. (UK)
Personal Computer Magazine VNU Business Publications, VNU House, 32-34 Broadwick Street, London W1A 2HG, UK.

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Personnel Management Personnel Publications Ltd., 17 Britton Street, London EC1M 5NQ, UK.

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Perwill Update Perwill Group, 13a Market Square, Alton, Hants. GU34 1UR, UK.

Pet. Manage. (USA)
Petroleum Management Management Publishing Services, 7887 San Filipe, Suite 100, Houston, TX 77063, USA.

Phase Transit. (UK)
Phase Transitions Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, UK.

Philips J. Res. (UK)
Philips Journal of Research Elsevier Science Publishers Ltd., Crown House, Linton Road, Barking, Essex IG11 8JU, UK.

Philips Telecommun. Rev. (Netherlands)
Philips Telecommunication Review Philips Communication Systems, Mathildelaan 1, Building EEC-208, P.O.Box 80020, 5600 JM Eindhoven, Netherlands.
From Dec. 1986 and to June 1990 published under title Philips Telecommunication and Data Systems Review

Philos. Mag. A, Phys. Condens. Matter Defects Mech. Prop. (UK)
Philosophical Magazine A (Physics of Condensed Matter, Defects and Mechanical Properties) Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, UK.
Supersedes in part: Philosophical Magazine

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Philosophical Magazine Letters Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, UK.

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Philosophy of Science Philosophy of Science Association, 18 Morrill Hall, Department of Philosophy, Michigan State University, East Lansing, MI 48823, USA.

Philos. Trans. R. Soc. A, Phys. Sci. Eng. (UK)
Philosophical Transactions of the Royal Society, Series A (Physical Sciences and Engineering) 6 Carlton House Terrace, London SW1Y 5AG, UK.

Photogramm. Eng. Remote Sens. (USA)
Photogrammetric Engineering and Remote Sensing American Society for Photogrammetry and Remote Sensing, 5410 Grosvenor Lane, Suite 210, Bethesda, MD 20814-2160, USA.

Photogramm. Rec. (UK)
Photogrammetic Record Photogrammetic Society. Editorial address: Department of Photogrammetry and Surveying, University College London, Gower Street, London WC1E 6BT, UK.

Photonics Optoelectron. (USA)
Photonics and Optoelectronics Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Photonics Spectra (USA)
Photonics Spectra Laurin Publishing Co. Inc., Berkshire Common, P.O.Box 4949, Pittsfield, MA 01202, USA.

Photosynth. Res. (Netherlands)
Photosynthesis Research Kluwer Academic Publishers Group, P.O.Box 17, 3300 AH Dordrecht, Netherlands.

Phys. At. Nucl. (Russia)
Physics of Atomic Nuclei [Formerly: *Phys. At. Nucl. (USA)*; Translation of: *Yad. Fiz. (Russia)*] Maik Nauka/Interperiodica Publishing, Profsoyusnaya Ul. 90, Moscow 117864, Russia.

Phys. At. Nucl. (USA)
Physics of Atomic Nuclei [Title changed to: *Phys. At. Nucl. (Russia)*]

Phys. Bl. (Germany)
Physikalische Blaetter VCH Verlagsgesellschaft mbH, Pappelalle 3, Postfach 10 1161, D-69469 Weinheim, Germany.

Phys. Chem. Glasses (UK)
Physics and Chemistry of Glasses Society of Glass Technology, Thornton, 20 Hallam Gate Road, Sheffield, S10 5BT, UK.

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Physics and Chemistry of Liquids Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, UK.

Phys. Chem. Mater. Treat. (UK)
Physics and Chemistry of Materials Treatment [Translation of: *Fiz. Khim. Obrab. Mater. (Russia)*] V.E. Riecansky Technical Translations, 7 Meadow Walk, Great Abington, Cambridge CB1 6AZ, UK.

Phys. Chem. Miner. (Germany)
Physics and Chemistry of Minerals Springer-Verlag, W-1000 Berlin 33, Heidelberger Platz 3, Germany.

Phys. Daten (Germany)
Physik Daten Fachinformationszentrum Energie Physik Mathematik GmbH Karlsruhe, 7514 Eggenstein-Leopoldshafen 2, Germany.

Phys.-Dokl. (Russia)
Physics-Doklady [Formerly: *Phys.-Dokl. (USA)*; Translation of: *Dokl. Akad. Nauk (Russia)*] MAIK Nauka/Interperiodica Publishing, Profsoyuznaya Ul. 90, Moscow 117864, Russia.

Phys.-Dokl. (USA)
Physics-Doklady [Title changed to: *Phys.-Dokl. (Russia)*]

Phys. Earth Planet. Inter. (Netherlands)
Physics of the Earth and Planetary Interiors Elsvier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Phys. Educ. (India)
Physics Education Wiley Eastern Ltd., 4654/21 Daryanganj, New Delhi 110 002, India.

Phys. Educ. (UK)
Physics Education IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Phys. Essays (Canada)
Physics Essays Subscription address: Physics Essays Publications, c/o ALFT Inc., 189 Deveault Street No.7, Hull, PQ J8Z 1S7, Canada.

Phys. Fluids (USA)
Physics of Fluids [Formerly: *Phys. Fluids A, Fluid Dyn. (USA)*] American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Phys. Fluids A, Fluid Dyn. (USA)
Physics of Fluids A (Fluid Dynamics) [Title changed to: *Phys. Fluids (USA)*]

Phys. Fluids B, Plasma Phys. (USA)
Physics of Fluids B (Plasma Physics) [Title changed to: *Phys. Plasmas (USA)*]

Phys. Lett. A (Netherlands)
Physics Letters A Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Phys. Lett. B (Netherlands)
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Physics in Medicine and Biology IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

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Physica Medica GESA, Piazza Monte Ceneri 13, CH-6901 Lugano, Switzerland.

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Phys. Met. Metallogr. (UK)
Physics of Metals and Metallography [Translation of: *Fiz. Met. Metalloved. (Russia)*] Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.
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Phys. Part. Nuclei (USA)
Physics of Particles and Nuclei [Translation of: *Fiz. Elem. Chastits At. Yadra (Russia)*] American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Phys. Plasmas (USA)
Physics of Plasmas [Formerly: *Phys. Fluids B, Plasma Phys. (USA)*] American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Phys. Rep. (Netherlands)
Physics Reports Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Phys. Rev. A, At. Mol. Opt. Phys. (USA)
Physical Review A (Atomic, Molecular, and Optical Physics) Published by the American Physical Society through the American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.
Supersedes in part: Physical Review A (General Physics)

Phys. Rev. B, Condens. Matter (USA)
Physical Review B (Condensed Matter) Published for the American Physical Society by the American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Phys. Rev. C, Nucl. Phys. (USA)
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Phys. Rev. D, Part. Fields (USA)
Physical Review D (Particles and Fields) Published for the American Physical Society by the American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.
Supersedes in part: Physical Review. Issue numbers alternate with Physical Review D (Particles, Fields, Gravitation, and Cosmology) from July 1991

Phys. Rev. D, Part. Fields Gravit. Cosmol. (USA)
Physical Review D (Particles, Fields, Gravitation, and Cosmology) Published for the American Physical Society by the American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.
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Physical Review E (Statistical Physics, Plasmas, Fluids, and Related Interdisciplinary Topics) Published by the American Physical Society through the American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Phys. Rev. Lett. (USA)
Physical Review Letters Published for the American Physical Society by the American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Phys. Scr. (Sweden)
Physica Scripta Royal Swedish Academy of Sciences, Box 5005, S-104 05 Stockholm, Sweden.

Phys. Scr. Vol. T (Sweden)
Physica Scripta Volume T [Issued with: *Phys. Scr. (Sweden)*]

Phys. Solid State (USA)
Physics of the Solid State [Translation of: *Fiz. Tverd. Tela (Russia)*] American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Phys. Status Solidi A (Germany)
Physica Status Solidi A Akademie-Verlag, Leipziger Strasse 3-4, P.O.Box 1233, O-1086 Berlin, Germany.

Phys. Status Solidi B (Germany)
Physica Status Solidi B Akademie-Verlag GmbH, Muhlenstrasse 33-34, D-13187 Berlin, Germany.

Phys. Teach. (South Korea)
Physics Teaching Korea Institute for Economics and Technology (KEIT), P.O.Box 205, Cheongryang, Seoul, South Korea.

Phys. Today (USA)
Physics Today American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Phys.-Usp. (UK)
Physics-Uspekhi [Formerly: *Phys.-Usp. (USA)*; Translation of: *Usp. Fiz. Nauk (Russia)*] Editorial address: Turpion Ltd., 207 Brondesbury Park, London NW2 5JN. Subscription address: Turpion Ltd., Blackhorse Road, Letchworth, Herts. SG6 1HN, UK.

Phys.-Usp. (USA)
Physics-Uspekhi [Title changed to: *Phys.-Usp. (UK)*]

Phys. World (UK)
Physics World IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.
Formed by merger of Physics Bulletin and Physics in Technology

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Physica A Elsevier Science Publishers B.V., North-Holland, P.O.Box 211, 1000 AE Amsterdam, Netherlands.

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Physica B Elsevier Science Publishers B.V., North-Holland, P.O.Box 211, 1000 AE Amsterdam, Netherlands.
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Physica D (Netherlands)
Physica D Elsevier Science Publishers B.V., North-Holland, P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Physiol. Meas. (UK)
Physiological Measurement IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Pis'ma Astron. Zh. (Russia)
Pis'ma v Astronomicheskie Zhurnal [English translation in: *Astron. Lett. (Russia)*] MAIK 'Nauka', 117810, GSP Moskva B-458, Profsoyuznaya 84/32, Russia.

Pis'ma Zh. Eksp. Teor. Fiz. (Russia)
Pis'ma v Zhurnal Eksperimental'noi i Teoreticheskoi Fiziki [English translation in: *JETP Lett. (USA)*] Akademiya Nauk SSSR, Leninskii Prospekt 14, Moskva, Russia.
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Pis'ma Zh. Tekh. Fiz. (Russia)
Pis'ma v Zhurnal Tekhnicheskoi Fizika [English translation in: *Tech. Phys. Lett. (USA)*] Izdatel'stvo 'Nauka', Leningrad, Russia.
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Pixel, Comput. Graph. CAD/CAM Image Process. (Italy)
Pixel. Computer Graphics, CAD/CAM, Image Processing Editrice Il Rostro s.a.s., Via Monte Generoso 6/A, 20155 Milano, Italy.

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Planetary and Space Science Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Plant Eng. (UK)
Plant Engineer Institution of Plant Engineers, 77 Great Peter Street, London SW1P 2EZ, UK.

Plasma Chem. Plasma Process. (USA)
Plasma Chemistry and Plasma Processing Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

Plasma Phys. Control. Fusion (UK)
Plasma Physics and Controlled Fusion IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Plasma Phys. Rep. (Russia)
Plasma Physics Reports [Formerly: *Plasma Phys. Rep. (USA)*; Translation of: *Fiz. Plazmy (Russia)*] Maik Nauka/Interperiodica Publishing, Profsoyuznaya Ul. 90, Moscow 117864, Russia.

Plasma Phys. Rep. (USA)
Plasma Physics Reports [Title changed to: *Plasma Phys. Rep. (Russia)*]

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Plasma Sources, Science and Technology IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Plast. Rubber Compos. Process. Appl. (UK)
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Polymer Butterworth-Heinemann Ltd., Linacre House, Jordan Hill, Oxford OX2 8DP, UK.

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Polytechnisch Tijdschrift Elekronica Elektrotechniek Ten Hagen en Stam Tijdschriften BV, Postbus 235, 2280 AE Rijswijk, Netherlands.

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Pomiary Automatyka Kontrola Editorial address: Warszawa, Ul. Swietokrzyska 14B, Poland.

Poroshk. Metall. (Ukraine)
Poroshkovaya Metallurgiya [English translation in: *Powder Metall. Met. Ceram. (USA)*] Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, Ukraine.
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Poverkhn., Fiz. Khim. Mekh. (Russia)
Poverkhnost'. Fizika, Khimiya, Mekhanika [English translation in: *Phys. Chem. Mech. Surf. (UK)*] Izdatel'svto 'Nauka', 103717 GSP Moskva K-62, Podsosenskii Per. 21, Russia.
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Powder Metall. Met. Ceram. (USA)
Powder Metallurgy and Metal Ceramics [Translation of: *Poroshk. Metall. (Ukraine)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Powder Technol. (Switzerland)
Powder Technology Elsevier Sequoia S.A., P.O. Box 564 CH-1001 Lausanne 1, Switzerland.

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Power McGraw-Hill Inc., 1221 Avenue of the Americas, New York, NY 10020, USA.

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Power Eng. J. (UK)
Power Engineering Journal Published by Peter Peregrinus Ltd. for the Institution of Electrical Engineers, Savoy Place, London WC2R 0BL, UK.

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Power System Technology Editorial address: Electric Power Research Institute, Quinghe, Beijing, China.

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Powertech. Mag. (USA)
Powertechnics Magazine Darnell Research Inc., 120 South Chaparral Court 200, Anaheim, CA 92808-2237, USA.

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Pract. Wirel. (UK)
Practical Wireless PW Publishing Ltd., Arrowsmith Court, Station Approach, Broadstone, Dorset BH18 8PW, UK.

Prague Bull. Math. Linguist. (Czech Republic)
Prague Bulletin of Mathematical Linguistics Algebraic Linguistics, Faculty of Mathematics and Physics, Charles University, Malostranske 25, 118 00 Prague 1, Czech Republic.

Prakt. Metallogr. (Germany)
Praktische Metallographie Carl Hanser GmbH & Co., Kolbergerstrasse 22, D-81679 Munchen, Germany.

Pramana J. Phys. (India)
Pramana, Journal of Physics Indian Academy of Sciences, Bangalore 560 080, India.

Precambrian Res. (Netherlands)
Precambrian Research Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Premises Facil. Manage. (UK)
Premises Facilities Management IML Group, Blair House, High Street, Tonbridge, Kent TN9 1BQ, UK.

Prib. Tekh. Eksp. (Russia)
Pribory i Tekhnika Eksperimenta [English translation in: *Instrum. Exp. Tech. (USA)*] Agent: Mezhdunarodnaya Kniga Moskva, Russia.
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Prikl. Mat. Mekh. (Russia)
Prikladnaya Matematika i Mekhanika [English translation in: *Appl. Math. Mech. (USA)*] Akademiya Nauk SSSR, Leninskii Prosp. 14, Moskva. Agent: Mezhdunarodnaya Kniga, Moskva, Russia.
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Prikl. Mekh. (Ukraine)
Prikladnaya Mekhanika [English translation in: *Int. Appl. Mech. (USA)*] Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, Ukraine.
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Print. Circuit Des. (USA)
Printed Circuit Design Miller Freeman Inc., 600 Harrison Street, San Francisco, CA 94107, USA.
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Print. Circuit Fabr. (USA)
Printed Circuit Fabrication Miller Freeman Inc., 600 Harrison Street, San Francisco, CA 94107, USA.

Probl. Inf. Transm. (USA)
Problems of Information Transmission [Translation of: *Probl. Pereda. Inf. (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Probl. Kibern. (Russia)
Problemy Kibernetiki Izdatel'stvo 'Nauka', Moskva, v-71, Leninskii Prospekt 15, Russia.

Probl. Pereda. Inf. (Russia)
Problemy Peredachi Informatsii [English translation in: *Probl. Inf. Transm. (USA)*] Moskva. E-24, Aviamotoriaya 8, Korp. 2, Russia.
INSPEC coverage is from English translation

Probl. Prochn. (Ukraine)
Problemy Prochnosti [English translation in: *Strength Mater. (USA)*] Editorial address: Academy of Sciences of the Ukrainian SSR, Kiev, Ukraine.
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Proc. Astron. Soc. Aust. (Australia)
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Proceedings of the CSEE Editorial address: Quinghe, Beijing, China.

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Proceedings of the Egyptian Academy of Sciences 'Dar el Hikma', 42 Qasr el Aini Street, Cairo, Egypt.

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Proc. IEEE (USA)
Proceedings of the IEEE Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

Proc. Indian Acad. Sci. Chem. Sci. (India)
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Proc. Indian Acad. Sci. Earth Planet. Sci. (India)
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Supersedes in part: Proceedings of the Indian Academy of Sciences, Section A

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Supersedes in part: Proceedings of the Indian Academy of Sciences, Section A

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Proc. Jpn. Acad. B, Phys. Biol. Sci. (Japan)
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Supersedes in part: Proceedings of the Japan Academy

Proc. K. Ned. Akad. Wet., Biol. Chem. Geol. Phys. Med. Sci. (Netherlands)
Proceedings of the Koninklijke Nederlandse Akademie van Wetenschappen (Biological, Chemical, Geological, Physical and Medical Sciences) North-Holland, P.O.Box 211, 1000 AE Amsterdam, Netherlands.

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Proc. Natl. Sci. Counc. Rep. China A, Phys. Sci. Eng. (Taiwan)
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Proc. Ocean Drill. Program, Sci. Results (USA)
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Proceedings of the Royal Society of Victoria Royal Society's Hall, 9 Victoria Street, Melbourne, 3000 Victoria, Australia.

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Proceedings of the Radio Club of America Radio Club of America Inc., Fred Shunaman, 324 South 3rd Avenue, Highland Park, NJ 08904, USA.

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Proceedings of the University of Newcastle-upon-Tyne Philosophical Society Newcastle-upon-Tyne, UK.

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Processing of Advanced Materials Chapman & Hall, 2-6 Boundary Row, London SE1 8HN, UK.

Process Autom. (Germany)
Process Automation R. Oldenbourg Verlag GmbH, Rosenheimer Strasse 145, W-8000 Munchen 80, Germany.

Process Control Qual. (Netherlands)
Process Control & Quality Elsevier Science Publishers, P.O.Box 330, 1000 AH Amsterdam, Netherlands.

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Production Planning and Control Taylor & Francis Ltd., Rankine Road, Basingstoke, Hants. RG24 OPR, UK.

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Prog. Theor. Phys. Suppl. (Japan)
Progress of Theoretical Physics Supplement Research Institute for Fundamental Physics and the Physical Society of Japan. Publication Office: Yukawa Hall, Kyoto University, 606 Kyoto, Japan.

Program (UK)
Program Aslib, Information House, 2-24 Old Street, London EC1V 9AP, UK.

Program. Comput. Softw. (USA)
Programming and Computer Software [Translation of: *Programmirovanie (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Programmirovanie (Russia)
Programmirovanie [English translation in: *Program. Comput. Softw. (USA)*] Izdatel'stvo 'Nauka', Moskva, Russia.
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PSI Nucl. Part. Phys. Newsl. (Switzerland)
PSI Nuclear and Particle Physics Newsletter Paul Scherrer Institute, Research Department F1: Particle and Nuclear Physics, CH-5232 Villigen PSI, Switzerland.

PT Distrib. (USA)
PT Distributor Penton Publishing Inc., 1100 Superior Avenue, Cleveland, OH 44114-2543, USA.

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Publ. Astron. Soc. Pac. (USA)
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Publ. Dom. Astrophys. Obs. Victoria BC (Canada)
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Publications of the Earth Physics Branch Department of Energy, Mines and Resources 1 Observatory Crescent, Ottawa K1A 0Y3, Canada.

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Publ. Elektroteh. Fak. Ser. Mat. Fiz. (Serbia)
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Publ. Inst. R. Meteorol. Belg. A (Belgium)
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Publ. Inst. R. Meteorol. Belg. B, format in-8 (Belgium)
Publications, Institut Royal Meteorologique de Belgique, Serie B, format in-8 3 Avenue Circulaire, Uccle-Bruxelles 1180, Belgium.

Publ. Korean Astron. Soc. (South Korea)
Publications of the Korean Astronomical Society Korean Astonomical Society, c/o Department of Earth Sciences, College of Education, Seoul National University, Sinlim-dong, Gwanag-gu, Seoul 151, South Korea.

Publ. Natl. Astron. Obs. Jpn. (Japan)
Publications of the National Astronomical Observatory of Japan 2-21-1 Osawa, Mitaka-shi, Tokyo 181, Japan.
Supersedes: Annals of the Tokyo Astronomical Observatory and Tokyo Astronomical Bulletin

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Public Administration Quarterly Southern Public Administration Education Foundation Inc., P.O.Box 632, Randallstown, MD 21133, USA.

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Public Finance Account. (UK)
Public Finance and Accountancy [Title changed to: *Public Finance (UK)*]

Public Libr. J. (UK)
Public Library Journal Public Libraries Group of the Library Association, UK.

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Pure and Applied Geophysics Birkhauser Verlag, CH-4010 Basel, Elizabethenstrasse 19, Switzerland.
From 1982 to 1984 published under the title Pure and Applied Geophysics (USA)

Pure Appl. Opt. (UK)
Pure and Applied Optics IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

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Quarterly Journal of Mechanics and Applied Mathematics Oxford University Press, Pinkhill House, Southfield Road, Eynsham, Oxford OX8 1JJ, UK.

Q. J. R. Astron. Soc. (UK)
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Quarterly Journal of the Royal Meteorological Society 104 Oxford Road, Reading, Berks RG1 7LJ, UK.

Q. J. Seismol. (Japan)
Quarterly Journal of Seismology Japan Meteorological Agency, Ote-machi, Chiyoda-ku, Tokyo, Japan.

Q. Rep. Railw. Tech. Res. Inst. (Japan)
Quarterly Report of the Railway Technical Research Institute Railway Technical Institute, 2-8-38 Hikari-cho, Kokubunji-shi, Tokyo 185, Japan.

Qingbao Kexue Jishu (China)
Qingbao Kexue Jishu Defence Technology Committee Information Research Department, Beijing, China.

Quad. Ric. Sci. (Italy)
Quaderni de la Ricerca Scientifica Consiglio Nazionale delle Ricerche, 00100 Roma, Piazzale Aldo Moro 7, Italy.

Qual. Eng. (USA)
Quality Engineering Marcel Dekker Inc., P.O.Box 5005, Monticello, NY 12701-5185, USA.

Qual. Eur. (Germany)
Quality Europe Carl Hanser Verlag GmbH & Co., Kolbergerstrasse 22, W-8000 Munich 80, Germany.

Qual. Forum (UK)
Quality Forum [Title changed to: *Qual. World Tech. Suppl. (UK)*]

Qual. Reliab. Eng. Int. (UK)
Quality and Reliability Engineering International John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Qual. World Tech. Suppl. (UK)
Quality World Technical Supplement [Formerly: *Qual. Forum (UK)*] Institute of Quality Assurance, P.O.Box 712, 61 Southwark Street, London SE1 1SB, UK.

Qual. Zuverlaessigk. (Germany)
Qualitaet und Zuverlaessigkeit Carl Hanser Verlag, W-8000 Munchen 80, Kolbergerstrasse 22, Germany.

Quantum Electron. (UK)
Quantum Electronics [Formerly: *Quantum Electron. (USA)*; Translation of: *Kvantovaya Elektron. Mosk. (Russia)*] Editorial address: Turpion Ltd., 207 Brondesbury Park, London NW2 5JN. Subscription address: Turpin Subscription Services Ltd., Blackhorse Road, Letchworth, Herts. SG6 1HN, UK.

Quantum Electron. (USA)
Quantum Electronics [Title changed to: *Quantum Electron. (UK)*]

Quantum Opt. (UK)
Quantum Optics IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Quat. Res. (USA)
Quaternary Research Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

Quat. Sci. Rev. (UK)
Quaternary Science Reviews Elsevier Science Ltd, The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Queueing Syst. Theory Appl. (Switzerland)
Queueing Systems Theory and Applications J.C. Baltzer AG, Scientific Publishing Co., Wettsteinplatz 10, CH-4058 Basel, Switzerland.

R & D Dig. (UK)
R & D Digest British Gas plc, Research and Development Division, 152 Grosvenor Road, London SW1V 3JL, UK.

R & D Manage. (UK)
R & D Management Basil Blackwell Publications, 108 Cowley Road, Oxford, OX4 1JF, UK.

Radiat. Eff. Defects Solids (UK)
Radiation Effects and Defects in Solids Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, UK. Formed by merger of Radiation Effects and Crystal Lattice Defects and Amorphous Materials

Radiat. Eff. Express (UK)
Radiation Effects Express Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, UK.

Radiat. Environ. Biophys. (Germany)
Radiation and Environmental Biophysics Springer-Verlag, D-14197 Berlin, Heidelberger Platz 3, Germany.

Radiat. Meas. (UK)
Radiation Measurements [Formerly: *Nucl. Tracks Radiat. Meas. (UK)*] Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Radiat. Prot. (South Korea)
Radiation Protection Korean Association for Radiation Protection, Seoul, South Korea.

Radiat. Prot. Dosim. (UK)
Radiation Protection Dosimetry Nuclear Technology Publishing, P.O.Box 7, Ashford, Kent, UK.

Radiat. Res. (USA)
Radiation Research Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

Radiats. Biol. Radioekol. (Russia)
Radiatsionnaya Biologiya Radioekologiya [Formerly: *Radiobiologiya (Russia)*] Rossiiskaya Akademiya Nauk. Editorial address: 103717 Moskva K-62, Podsosenskii Per. 21, Russia.

Radio Commun. (UK)
Radio Communication Radio Society of Great Britain, Lambda House, Cranborne Road, Potters Bar, Herts. EN6 3JE, UK.

Radio Sci. (USA)
Radio Science American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA.

Radioact. Waste Manag. Environ. Restor. (Switzerland)
Radioactive Waste Management and Environmental Restoration Harwood Academic Publishers GmbH, Postfach, CH-4004 Basel, Switzerland.

Radiobiologiya (Russia)
Radiobiologiya [Title changed to: *Radiats. Biol. Radioekol. (Russia)*]

Radiodiffus. Telev. (France)
Radiodiffusion Television Information Promotion Francaises, 12 rue Pascal, 75005 Paris, France.

Radioelectron. Commun. Syst. (USA)
Radioelectronics and Communication Systems [Translation of: *Izv. Vyssh. Uchebn. Zaved. Radioelektron. (Ukraine)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Radioengineering (Czech Republic)
Radioengineering Czech Technical University, Faculty of Electrical Engineering, Technicka 2, K317, 166 27 Prague 6, Czech Republic.

Radiographer (Australia)
Radiographer Business Manager, The Radiographer, P.O.Box 1169, Collingwood, Vic. 3066, Australia.

Radioisotopes (Japan)
Radioisotopes Japan Radioisotope Association, 2-28-45 Honkomagome, Bunkyo-ku, Tokyo 113, Japan.

Radiology (USA)
Radiology Radiological Society of North America Inc., 1991 Northampton Streets, Easton, PA 18042-3189, USA.

Radiophys. Quantum Electron. (USA)
Radiophysics and Quantum Electronics [Translation of: *Izv. Vyssh. Uchebn. Zaved. Radiofiz. (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Radiosci. Bull. (Radiosci.) (Belgium)
Radioscientist & Bulletin (Radioscientist) Radio Science Press, University of Gent, Sint-Pietersnieuwstraat 41, B-9000 Gent, Belgium.

Radiotekh. Elektron. (Russia)
Radiotekhnika i Elektronika [English translation in: *J. Commun. Technol. Electron. (USA)*] Editorial address: 129110 Rossiya, Moskva, Prospekt Mira 50, Russia.
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Radiotekhnika [English translation in: *Telecommun. Radio Eng. 2, Radio Eng. (USA)*] Editorial Address: 103031 Moskva K31, Kuznetskii Most D 20, Russia.
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Radwaste Mag. (USA)
Radwaste Magazine American Nuclear Society, 555 N. Kensington Avenue, La Grange Park, IL 60525, USA.

Rail Int. (Belgium)
Rail International International Railway Congress Association, Section 10, 85 rue de France, B-1070 Brussels, Belgium.

Railw. Electr. Eng. (Japan)
Railway & Electrical Engineering Railway Electrical Engineering Association of Japan Inc., 6F Toho Building, 1-19-23 Ebisu, Shibuya-ku, Tokyo 150, Japan.

RAIRO Rech. Oper. (France)
RAIRO Recherche Operationelle C.D.R./Centrale des Revues, 11 rue Gossin, 92543 Montrouge cedex, France.

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Rand Journal of Economics Rand Corp., 1700 Main Street, P.O.Box 2138, Santa Monica, CA 90407-2138, USA.

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Random and Computational Dynamics Marcel Dekker Inc., P.O.Box 5005, Monticello, NY 12701-5185, USA.

Rapid Commun. Mass Spectrom. (UK)
Rapid Communications in Mass Spectrometry John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

RCA Broadcast News (USA)
RCA Broadcast News RCA Communications Systems Division, Princeton, NJ 08540, USA.

RCA Tech. Notes (USA)
RCA Technical Notes Radio Corporation of America, Princeton, NJ 08540, USA.
Not covered during the period 1971 to 1975

Real-Time Syst. (Netherlands)
Real-Time Systems Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Rec. Electr. Commun. Eng. Conversazione Tokohu Univ. (Japan)
Record of Electrical and Communication Engineering Conversazione Tohoku University 2-1-1 Katahira, Sendai-shi, Miyagi 980, Japan.

Rec. Manage. Q. (USA)
Records Management Quarterly Association of Records Managers and Administrators Inc., 4200 Somerset Drive, Suite 215, Prairie Village, KS 66208, USA.

Rech. Aerosp., Engl. Ed. (France)
Recherche Aerospatiale (English Edition) Office National d'Etudes et de Recherches Aerospatiales, 29 Avenue de la Division-Leclerc, BP 72, 92322 Chatillon Cedex, France.

Rechentech. Datenverarb. (Germany)
Rechentechnik Datenverarbeitung IDG Communications Verlag AG, Postfach 400 429, 8000 Munchen 40, Germany.

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Reference Librarian Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904-1580, USA.

Refrigeration (Japan)
Refrigeration Japanese Association of Refrigeration, 8 San'ei-cho, Shinjuku-ku, Tokyo 160, Japan.

Relat. J. (USA)
Relational Journal Codd and Date International, 2099 Gateway Place, Suite 220, San Jose, CA 95110, USA.

Reliab. Eng. Syst. Saf. (UK)
Reliability Engineering & System Safety Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Remote Sens. Environ. (USA)
Remote Sensing of Environment Elsevier Science Publishing Co. Inc., 655 Avenue of the Americas, New York, NY 10010, USA.

Remote Sens. Rev. (UK)
Remote Sensing Reviews Harwood Academic Publishers, c/o STBS Ltd., 42 William IV Street, London WC2N 4DE, UK.

Rend. Ist. Lomb. Accad. Sci. Lett. A, Sci. Mat. Appl. (Italy)
Rendiconti Istituto Lombardo Accademia di Scienze e Lettere A (Scienze Matematiche e Applicazioni) Palozzo Brera, Via Brera 28, Milano, Italy.

Renew. Energy (UK)
Renewable Energy Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Rep. Chiba Inst. Technol. (Japan)
Report of Chiba Institute of Technology 2-17-1 Tsudanuma, Narashino-shi, Chiba 275, Japan.

Rep. Fac. Eng. Himeji Inst. Technol. (Japan)
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Rep. Math. Phys. (UK)
Reports on Mathematical Physics Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Rep. Natl. Astron. Obs. Jpn. (Japan)
Report of the National Astronomical Observatory of Japan 2-21-2 Osawa, Mitaka-shi, Tokyo 181, Japan.

Rep. Natl. Ind. Res. Inst. Nagoya (Japan)
Reports of the National Industrial Research Institute of Nagoya Hirate-cho, Kita-ku, Nagoya, Japan.

Rep. Prog. Phys. (UK)
Reports on Progress in Physics IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Rep. Res. Inst. Appl. Mech. (Japan)
Reports of Research Institute for Applied Mechanics Kyushu University, Hakozaki, Fukuoka 812, Japan.

Rep. Res. Inst. Ind. Sci. Kyushu Univ. (Japan)
Reports of the Research Institute of Industrial Science, Kyushu University Fukuoka, Kyushu, Japan.

Rep. Res. Inst. Sci. Technol. Nihon Univ. (Japan)
Report of the Research Institute of Science and Technology, Nihon University Rikogaku-Kenkuyjo (Research Institute of Science and Technology), Nihon University, No. 8, 1-chome, Surugadai, Kanda, Chiyoda-ku, Tokyo, Japan.

Rep. Res. Inst. Strength Fract. Mater. (Japan)
Reports of the Research Institute for Strength and Fracture of Materials Tohoku University, Sendai-shi, Miyagi 980, Japan.

Rep. Res. Lab. Eng. Mater. Tokyo Inst. Technol. (Japan)
Report of the Research Laboratory of Engineering Materials, Tokyo Institute of Technology 4259 Nagatsuta-cho, Midori-ku, Yokohama 227, Japan.

Rep. Res. Lab. Surf. Sci. Okayama Univ. (Japan)
Reports of the Research Laboratory for Surface Science, Okayama University Faculty of Science, Okayama, Japan.

Rep. Res. Nippon Inst. Technol. (Japan)
Report of Researches, Nippon Institute of Technology Miyashiro-machi, Minami-saitama-gun, Saitama 345, Japan.

Rep. Stat. Appl. Res. Union Jpn. Sci. Eng. (Japan)
Reports of Statistical Application Research, Union of Japanese Scientists and Engineers 5-10-11 Sendagaya, Shibuya-ku, Tokyo 151, Japan.

Rep. Technol. Iwate Univ. (Japan)
Report on Technology of Iwate University Faculty of Engineering, Iwate University, 4-3-5 Ueda, Morioka-shi, Iwate 020, Japan.

Res. Bull. Hiroshima Inst. Technol. (Japan)
Research Bulletin of the Hiroshima Institute of Technology 2-1-1 Miyake, Saeki, Hiroshima 731-51, Japan.

Res. Bull. Reg. Eng. Coll. Warangal (India)
Research Bulletin, Regional Engineering College, Warangal Warangal (AP) Kazipet (PO), India.

Res. Electrotech. Lab. (Japan)
Researches of the Electrotechnical Laboratory 1-1-4, Umezono, Tsukuba, Ibaraki, Japan.

Res. Eng. Des. (USA)
Research in Engineering Design Springer-Verlag New York Inc., Service Center Secaucus, 44 Hartz Way, Secaucus, NJ 07094, USA.

Res. Nondestruct. Eval. (USA)
Research in Nondestructive Evaluation Springer-Verlag New York Inc., 175 Fifth Avenue, New York, NY 10010, USA.

Res. Prog. SSE (China)
Research & Progress of SSE Nanjing Solid State Devices Research Institute, NEI, P.O.Box 1601, Nanjing, China.

Res. Rep. Fac. Eng. Tokyo Denki Univ. (Japan)
Research Reports of the Faculty of Engineering, Tokyo Denki University Tokyo Denki University, 2-2 Kanda Nishiki-cho, Chiyoda-ku, Tokyo 101, Japan.

Res. Rep. Inf. Sci. A, Math. Sci. (Japan)
Research Reports on Information Sciences, Series A (Mathematical Science) Department of Information Sciences, Tokyo Institute of Technology, 2-12-1 O-Okayama, Meguro-ku, Tokyo 152, Japan.

Res. Rep. Inf. Sci. B, Oper. Res. (Japan)
Research Reports on Information Sciences, Series B (Operations Research) Tokyo Institute of Technology, Department of Information Sciences, 2-12-1, O-okayama, Meguro-ku, Tokyo 152, Japan.

Res. Rep. Inf. Sci. C, Comput. Sci. (Japan)
Research Reports on Information Sciences, Series C (Computer Science) Tokyo Institute of Technology, Department of Information Sciences, 2-12-1, O-okayama, Meguro-ku, Tokyo 152, Japan.

Res. Rep. Inst. Inf. Sci. Technol. Tokyo Denki Univ. (Japan)
Research Reports, Institute of Information Science & Technology, Tokyo Denki University Tokyo, Japan.

Res. Rep. Kogakuin Univ. (Japan)
Research Reports of Kogakuin University 1-24-2 Nishi-Shinjuku, Shinjuku-ku, Tokyo 160, Japan.

Res. Rep. Nagaoka Coll. Technol. (Japan)
Research Reports of Nagaoka College of Technology Nagaoka College of Technology, 888 Nishi-Katakai-machi, Nagaoka-shi, Niigata 940, Japan.

Res. Rep. Sch. Sci. Technol. Meiji Univ. (Japan)
Research Reports, School of Science and Technology, Meiji University 1-1-1 Higashimita, Tamaku, Kawasaki 214, Japan.

Res. Word Process. Newsl. (USA)
Research in Word Processing Newsletter South Dakota School of Mines and Technology, Rapid City, SD 57701, USA.

Resour. Energy Econ. (Netherlands)
Resource and Energy Economics Elsevier Science B V, P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Resour. Shar. Inf. Netw. (USA)
Resource Sharing and Information Networks Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904, USA.

Retail Bus. Rev. (USA)
Retail Business Review National Retail Federation, 100 West 31st Street, New York, NY 10001, USA.

Rev. Acad. Cienc. Zaragoza (Spain)
Revista de la Academia de Ciencias Zaragoza Academico-Director de Publicaciones, Revista de la Academia de Ciencias, Ciudad Universitaria, 50009 - Zaragoza, Spain.

Rev. AIBDA (Costa Rica)
Revista AIBDA Secretaria Ejecutiva de AIBDA, c/o IICA-CIDIA, Turrailba, Costa Rica.

Rev. Colomb. Fis. (Colombia)
Revista Colombiana de Fisica Sociedad Colombiana de Fisica, Apartado Aereo 16776, Bogota, Colombia.

Rev. Commun. Res. Lab. (Japan)
Review of the Communications Research Laboratory Ministry of Post and Telecommunications, 4 Nukui-Kitamachi, Konganei-shi, Tokyo 184, Japan.

Rev. E (Belgium)
Revue E Societe Royale Belge des Electriciens-Koninklijke Belgische Vereniging der Electrotechnici, TW. Av de la Plaine 2, B-1050 Bruxelles, Belgium.

Rev. Electrotec. (Argentina)
Revista Electrotecnica Asociacion Argentina de Electrotecnicos y del Comite Electrotecnico Argentina, Posadas 1659, Buenos Aires, Argentina.

Rev. Electrotec. (Spain)
Revista Electrotecnica Asociacon Electrotecnica Espanola, Aribau 61, Barcelona, Spain.

Rev. Energ. (France)
Revue de l'Energie Les Editions Techniques et Economiques, 3 Rue Soufflot, 75005 Paris, France.

Rev. Esp. Doc. Cient. (Spain)
Revista Espanola de Documentacion Cientifica Centro de Informacion y Documentacion Cientifica (CINDOC), Joaquin Costa 22, 28002 Madrid, Spain.

Rev. Esp. Electron. (Spain)
Revista Espanola de Electronica Ediciones Tecnicas Rede S.A., Ecuador 91, 08029 Barcelona, Spain.

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Revista da Faculdade de Engenharia, Universidade do Porto Porto, Portugal.

Rev. Fis. Apl. Instrum. (Brazil)
Revista de Fisica Aplicada e Instrumentacao Sociedade Brasileira de Fisica, Caixa Postal 20 553, 091 000 Sao Paulo SP, Brazil.

Rev. FITCE (Belgium)
Revue F.I.T.C.E. Federation des Ingenieurs des Telecommunications de la Communaute Europeenne, 42 rue des Palais, 1030 Bruxelles, Belgium.

Rev. Gen. Chemins Fer (France)
Revue General des Chemins de Fer [English translation of selected articles in: *Fr. Railw. Rev. (UK)*] Centrale des Revues, 11 rue Gossin, 92543 Montrouge Cedex, France.

Rev. Gen. Electr. (France)
Revue Generale de l'Electricite Societe des Electriciens des Electroniciens et des Radioelectriciens, 48 rue de la Procession, 75724 Paris Cedex 15, France.

Rev. Gen. Nucl. (France)
Revue Generale Nucleaire Societe Francaise d'Energie Nuclaire, 48 rue de la Procession, 75724 Paris Cedex 15, France.
English translation of selected articles appear in Revue Generale Nucleaire, International Edition

Rev. Gen. Nucl. Int. Ed. (France)
Revue Generale Nucleaire, International Edition Societe Francaise d'Energie Nucleaire, 48 rue de la Procession, 75724 Paris Cedex 15, France.

Rev. Geofis. (Spain)
Revista de Geofisica Catedra de Geofisica, Facultad de C. Fisicas, Universidad Complutense, Madrid-3, Spain.
Journal suspended publication 1979-81

Rev. Geophys. (USA)
Reviews of Geophysics American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA.
From Nov. 1969 to Nov. 1984 published under the title of Reviews of Geophysics and Space Physics

Rev. HF (Belgium)
Revue HF Societe Belge des Ingenieurs des Telecommunications et d'Electronique, 66 Chaussee de Ruisbrock, Bruxelles 1190, Belgium.

Rev. Int. Hautes Temp. Refract. (France)
Revue Internationale des Hautes Temperatures et des Refractaires ESI Publications, 5 rue Laromiguiere, F-75005 Paris, France.

Rev. Int. Metodos Numer. para Calc. Diseno Ing. (Spain)
Revista Internacional de Metodos Numericos para Calculo y Diseno en Ingenieria Universitat Politecnica de Catalunya, Apartado de Correos 30250, 08034 Barcelona, Spain.

Rev. Int. Syst. (France)
Revue Internationale de Systemique Dunod, 15 rue Gossin, 92543 Montrouge Cedex, France.

Rev. Jeumont-Schneider (France)
Revue Jeumont-Schneider 31-32 Quai de Dion Bouton, 92811 Puteaux-Paris, France.

Rev. Laser Eng. (Japan)
Review of Laser Engineering Laser Society of Japan, Kinetsu Dojima Bldg. 20F, 2-2-2 Dojima, Kitaku, 530 Osaka, Japan.

Rev. Math. Phys. (Singapore)
Reviews in Mathematical Physics World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

Rev. Metall. (France)
Revue de Metallurgie 1 rue Paul Cezanne, 75008 Paris, France.

Rev. Mex. Astron. Astrofis. (Mexico)
Revista Mexicana de Astronomia y Astrofisica Instituto de Astronomia, UNAM, Apartado Postal 70-264, Mexico 20, D.F, Mexico.

Rev. Mex. Fis. (Mexico)
Revista Mexicana de Fisica Sociedad Mexicana de Fisica, Apartado Postal No.70-348, Coyoacan, 04510 Mexico D.F, Mexico.

Rev. Mod. Phys. (USA)
Reviews of Modern Physics Published for the American Physical Society by the American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Rev. Roum. Sci. Tech. Ser. Electrotech. Energ. (Romania)
Revue Roumaine des Sciences Techniques, Serie Electrotechnique et Energetique Editura Academiei Romane, 125 Calea Victoriei, 79717 Bucarest, Romania.

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Review of Scientific Instruments American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

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Revista Telegrafica Electronica Editorial address: Avenida Martin Garcia 653, Buenos Aires, Argentina.

R.F. Des. (USA)
R.F. Design Argos Business, 6151 Powers Ferry Road, NW, Atlanta, GA 30339, USA.

Rheol. Acta (Germany)
Rheologica Acta Dr. Dietrich Steinkopff Verlag GmbH & Co. KG, P.O.Box 11 14 42, D-64229 Darmstadt, Germany.

Ric. Autom. (Italy)
Ricerche di Automatica E.S.I.A., Edizioni Scientifiche Inglesi Americane srL., Via Sommacampagna 11-13, 00185 Roma, Italy.

RIKEN Rev. (Japan)
RIKEN Review Institute of Physical and Chemical Research (RIKEN), 2-1 Hirosawa, Wako-shi, Saitama 351-01, Japan.

Risk Anal. (USA)
Risk Analysis Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

Risk Manage. (USA)
Risk Management Risk Management Society Publishing Inc., 205 East 42nd Street, New York, NY 10017, USA.

Riv. Inform. (Italy)
Rivista di Informatica AICA - Associazione Italiana per il Calcolo Automatica, c/o FAST, P. le Rodolfo Morandi 2, 20121 Milano, Italy.

Riv. Nuovo Cimento (Italy)
Rivista del Nuovo Cimento Editrice Compositori, via Stalingrado 97/2, 40128 Bologna, Italy.

RLE Curr. (USA)
RLE Currents Research Laboratory of Electronics, Massachusetts Institute of Technology, 77 Massachusetts Avenue, Cambridge, MA 02139, USA.

Robot (Japan)
Robot Japan Industrial Robot Association, 3-5-8 Shiba-kohen, Minato-ku, Tokyo 105, Japan.

Robot. Auton. Syst. (Netherlands)
Robotics and Autonomous Systems Elsevier Science Publishers B.V. (North-Holland), P.O.Box 103, 1000 AC Amsterdam, Netherlands.

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Robotics and Computer-Integrated Manufacturing Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

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Robotics Today Robotics International of the Society of Manufacturing Engineers, One SME Drive, P.O.Box 930, Dearborn, MI 48121, USA.

Robot. World (USA)
Robotics World Communication Channels Inc., 6255 Barfield Road, Atlanta, GA 30328, USA.

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Rocky Mountain Journal of Mathematics Rocky Mountain Mathematics Consortium, Department of Mathematics, Arizona State University, Tempe, AZ 85287-1904, USA.

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Rozprawy Electrotechniczne [Title changed to: *Kwart. Elektron. Telekomun. (Poland)*]

Rozpr. Hydrotech. (Poland)
Rozprawy Hydrotechniczne Instytut Budownictwa Wodnego, Polskiej Akademii Nauk w Gdansku, Gdansk, Poland.

RQ (USA)
RQ American Library Association, 50 East Huron Street, Chicago, IL 60611, USA.

Rundfunktech. Mitt. (Germany)
Rundfunktechnische Mitteilungen Institut fur Rundfunktechnik, Mittelweg 113, Hamburg 13, Germany.

Russ. Electr. Eng. (USA)
Russian Electrical Engineering [Translation of: *Elektrotekhnika (Russia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Russ. Geol. Geophys. (USA)
Russian Geology and Geophysics [Translation of: *Geol. Geofiz. (Russia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Russ. J. Inorg. Chem. (UK)
Russian Journal of Inorganic Chemistry [Translation of: *Zh. Neorg. Khim. (Russia)*] British Library, Document Supply Centre, Boston Spa, Wetherby, West Yorks. LS23 7BQ, UK.

Russ. J. Nondestruct. Test. (USA)
Russian Journal of Nondestructive Testing [Translation of: *Defektoskopiya (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Russ. J. Phys. Chem. (UK)
Russian Journal of Physical Chemistry [Translation of: *Zh. Fiz. Khim. (Russia)*] British Library, Document Supply Centre, Boston Spa, Wetherby, West Yorks. LS23 7BQ, UK.

Russ. Metall. (USA)
Russian Metallurgy [Translation of: *Izv. Akad. Nauk SSSR Met. (Russia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Russ. Meteorol. Hydrol. (USA)
Russian Meteorology and Hydrology [Formerly: *Sov. Meteorol. Hydrol. (USA)*; Translation of: *Meteorol. Gidrol. (Russia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Russ. Microelectron. (USA)
Russian Microelectronics [Translation of: *Mikroelektronika (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Russ. Phys. J. (USA)
Russian Physics Journal [Translation of: *Izv. Vyssh. Uchebn. Zaved. Fiz. (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Rutgers Comput. Technol. Law J. (USA)
Rutgers Computer & Technology Law Journal Rutgers Law School, 15 Washington Street, Newark, NJ 07102, USA.

S. Afr. Comput. J. (South Africa)
South African Computer Journal Computer Society of South Africa, Box 1714, Halfway House 1685, South Africa.

Sadhana (India)
Sadhana Indian Academy of Sciences, Bangalore 560 080, India.

Saehkoe, Tele (Finland)
Saehkoe - Tele Merikasarminkatu 7 J 53, 00160 Helsinki, Finland.

Sales Mark. Manage. (USA)
Sales & Marketing Management Bill Communications Inc., 355 Park Avenue South, New York, NY 10010, USA.

Sanken Tech. Rep. (Japan)
Sanken Technical Report Sanken Electric Co. Ltd., 3-6-3 Kitano, Niiza-shi, Saitama 352, Japan.

Sanyo Tech. Rev. (Japan)
Sanyo Technical Review Sanyo Electric Co. Ltd., 2-18 Hondori, Keihan, Moriguchi-shi, Osaka 570, Japan.

Satell. Commun. (USA)
Satellite Communications Argus Business, 6151 Powers Ferry Road, N.W., Atlanta, GA 30339-2941, USA.

Scand. Audiol. (Sweden)
Scandinavian Audiology Almqvist & Wiksell Periodical Co., P.O. Box 62, S-101 20 Stockholm, Sweden.

Scand. Audiol. Suppl. (Sweden)
Scandinavian Audiology Supplementum [Issued with: *Scand. Audiol. (Sweden)*]

Scand. J. Inf. Syst. (Denmark)
Scandinavian Journal of Information Systems University of Aalborg, Information Systems Group, Department of Mathematics and Computer Science, Institute of Electronic Systems, Frederik Bajers Vej 7, DK-9220 Aalborg O, Denmark.

Scand. J. Metall. (Finland)
Scandinavian Journal of Metallurgy Editorial address: Mr Georg Larinkari, Ehrenstrominkatu 10 A1, SF-00140 Helsinki, Finland.

Scanner (UK)
Scanner Journal of Decca Radar Ltd., Decca House, Albert Embankment, London, SE1, UK.

Scanning (USA)
Scanning FAMS Inc., Box 832, Mahwah, NJ 07430, USA.

Scanning Microsc. (USA)
Scanning Microscopy Scanning Microscopy International, P.O.Box 66507, Chicago (AMF O'Hare), IL 60666, USA.

Scanning Microsc. Suppl. (USA)
Scanning Microscopy Supplement Scanning Microscopy International, P.O.Box 66507, AMF O'Hare (Chicago), IL 60666, USA.

Schweiz. Tech. Z. (Switzerland)
Schweizerische Technische Zeitschrift STV-Verlags AG der Ingenieure und Architekten, Postfach, 8023 Zurich, Switzerland.

Sci. Am. (Int. Ed.) (USA)
Scientific American (International Edition) 415 Madison Avenue, New York, NY 10017, USA.

Sci. Atmos. Sin. (China)
Scientia Atmospherica Sinica Science Press, Beijing. Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, China.

Sci. China A, Math. Phys. Astron. Technol. Sci. (China)
Science in China, Series A (Mathematics, Physics, Astronomy & Technological Sciences) Science Press, No.16 Donghuangchenggen North Street, Beijing 100717, China.

Sci. Comput. (UK)
Scientific Computing IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Sci. Comput. Autom. (USA)
Scientific Computing & Automation Gordon Publications Inc., 301 Gibraltar Drive, Box 650, Morris Plains, NJ 07950-0650, USA.

Sci. Comput. Program. (Netherlands)
Science of Computer Programming Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Sci. Dimens. (Canada)
Science Dimension National Research Council of Canada, Ottawa K1A OR6, Canada.

Sci. Eng. Rep. Natl. Def. Acad. (Jpn.) (Japan)
Scientific and Engineering Reports of the National Defense Academy (Japanese) 1-10-20 Hashirimizu, Yokosuka 239, Japan.

Sci. Eng. Rep. Saitama Univ. (Japan)
Science and Engineering Reports of Saitama University Urawa, Saitama, Japan.

Sci. Eng. Rev. Doshisha Univ. (Japan)
Science and Engineering Review of Doshisha University Science and Engineering Research Institute of Doshisha University, Kyoto, Japan.

Sci. Pap. Coll. Arts Sci. Univ. Tokyo (Japan)
Scientific Papers of the College of Arts and Sciences, University of Tokyo Komaba, Meguro-ku, Tokyo 153, Japan.

Sci. Pap. Inst. Phys. Chem. Res. (Japan)
Scientific Papers of the Institute of Physical and Chemical Research Rikagaku Kenkyusho, Wako-shi, Saitama 351, Japan.

Sci. Prog. (UK)
Science Progress Blackwell Scientific Publications, Oxford, UK.

Sci. Rep. Kanazawa Univ. (Japan)
Science Reports of Kanazawa University Editorial Committee, Faculty of Science, Kanazawa University, Kakuma-machi, Kanazawa 920-11, Japan.

Sci. Rep. Osaka Univ. (Japan)
Science Reports Osaka University College of General Education, Osaka University, Toyonaka, Osaka, Japan.

Sci. Rep. Res. Inst. Tokohu Univ. A, Phys. Chem. Metall. (Japan)
Science Reports of the Research Institutes, Tohoku University, Series A (Physics, Chemistry, and Metallurgy) Institute for Materials Research (IMR), Tohoku University, 2-1-1 Katahira, Sendai-shi, Miyagi 980, Japan.

Sci. Rep. Saitama Univ. A, Math. Phys. Chem. (Japan)
Science Reports of the Saitama University, Series A (Mathematics, Physics and Chemistry) Urawa, Japan.

Sci. Rep. Tokohu Univ. Eighth Ser., Phys. Astron. (Japan)
Science Reports of the Tohoku University, Eighth Series (Physics and Astronomy) Kita-Aobayama Library, Tohoku University, Aoba Aramaki, Sendai-shi, Miyagi 980, Japan.

Sci. Rep. Tokohu Univ. First Ser. (Japan)
Science Reports of the Tohoku University, First Series Library, Department of Chemistry, Faculty of Science, Tohoku University, Sendai-shi, Miyagi 980, Japan.

Sci. Rep. Yokohama Natl. Univ. I, Math. Phys. Chem. (Japan)
Science Reports of the Yokohama National University, Section I (Mathematics, Physics and Chemistry) Faculty of Liberal Arts and Education, Yokohama National University, Tokiwadai 156, Hodogaya-ku, Yokohama 240, Japan.

Sci. Rev. (Serbia)
Scienca Revuo Prof. B. Popovic, Ognjena Price 80, Beograd, Serbia.

Sci. Sinter. (Serbia)
Science of Sintering Yugoslav Committee for ETAN, P.O. Box 356 (ETAN), 11001 Beograd, Serbia.

Sci. Tech. Inf. (Germany)
Scientific and Technical Information Leica Mikroskopie und Systeme GmbH, P.O.Box 20 40, 35530 Wetzlar, Germany.

Sci. Tech. Inf. Process. (USA)
Scientific and Technical Information Processing [Translation of: *Nauchno-Tekh. Inf. 1 (Russia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10016, USA.
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Sci. Technol. Libr. (USA)
Science & Technology Libraries Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904-1580, USA.

Science (USA)
Science American Association for the Advancement of Science, 1333 H Street, NW, Washington, DC 20005, USA.

Scientia (Chile)
Scientia Universidad Tecnica Federico Santa Maria, Casilla 110-V, Valparaiso, Chile.

SciTech J. (USA)
SciTech Journal MacSciTech, 49 Midley Lane, Worcester, MA 01604, USA.

Scr. Fac. Sci. Nat. Univ. Purkyn. Brun. Phys. (Czech Republic)
Scripta Facultatis Scientiarum Naturalium Universitatis Purkynianae Brunensis, Physica University J.E. Purkyne, 61137 Brno-Kotlarska 2, Czech Republic.

Scr. Metall. Mater. (USA)
Scripta Metallurgica et Materialia Elesvier Science Inc., 660 White Plains Road, Tarrytown, NY 10591-5153, USA.

Sdelovaci Tech. (Czech Republic)
Sdelovaci Technika Rozvid Praha, Na Belidla 34, 150 00 Praha 5, Czech Republic.

Secur. J. (USA)
Security Journal Butterworth-Heinemann, 80 Montvale Avenue, Stoneham, MA 02180, USA.

Secur. Manage. (USA)
Security Management American Society for Industrial Security, 1655 N. Fort Meyer Drive, Suite 1200, Arlington, VA 22209, USA.

Security (USA)
Security Cahners Publishing Co., 275 Washington Street, Newton, MA 02158-1630, USA.

Seisan Kenkyu (Japan)
Seisan Kenkyu Institute of Industrial Science, University of Tokyo, 7-22-1 Roppongi, Minato-ku, Tokyo 106, Japan.

Seism. Instrum. (USA)
Seismic Instruments [Translation of: *Seism. Prib., Instrum. Sreds. Seism. Nabl. (Russia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Seism. Prib., Instrum. Sreds. Seism. Nabl. (Russia)
Seismicheskie Pribory: Instrumental'naye Sredstva Seismicheskikh Nablyudenii [English translation in: *Seism. Instrum. (USA)*] Izdatel'stvo 'Nauka', Moskva, Russia.
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Seismol. Res. Lett. (USA)
Seismological Research Letters Seismological Society of America, Eastern Section, P.O.Box 1084, Boulder, CO 80306-1084, USA.

Seismol. Ser. Earth Phys. Branch (Canada)
Seismological Series of the Earth Physics Branch Department of Energy, Mines and Resources, Ottawa, Canada.

Semicond. Int. (USA)
Semiconductor International Cahners Publishing Co., Cook Street, Denver, CO 80206, USA.

Semicond. Sci. Technol. (UK)
Semiconductor Science and Technology IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Semiconductors (USA)
Semiconductors [Translation of: *Fiz. Tekh. Poluprovodn. (Russia)*] American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Sens. Actuators A, Phys. (Switzerland)
Sensors and Actuators A (Physical) Elsevier Sequoia S.A., P.O.Box 564, 1001 Lausanne 1, Switzerland.
Supersedes in part: Sensors and Actuators

Sens. Actuators B, Chem. (Switzerland)
Sensors and Actuators B (Chemical) Elsevier Sequoia S.A., P.O.Box 564, 1001 Lausanne 1, Switzerland.
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Sens. Mater. (Japan)
Sensors and Materials Scientific Publishing Division of MYU K.K., 2-32-3 Sendagi, Bunkyo-ku, Tokyo 113, Japan.

Sens. Rev. (UK)
Sensor Review MCB University Press Ltd., 62 Toller Lane, Bradford, West Yorks. BD8 9 BY, UK.

Sensors (USA)
Sensors Helmers Publishing Inc., 174 Concord Street, P.O.Box 874, Peterborough, NH 03458-0874, USA.

Serb. Acad. Sci. Arts Monogr. Dep. Tech. Sci. (Serbia)
Serbian Academy of Sciences and Arts, Monographs, Department of Technical Sciences 11000 Beograd, Kniz Mihailova 35, Serbia.

SERC Bull. (UK)
SERC Bulletin SERC, Polaris House, North Star Avenue, Swindon, Wilts. SN2 1E, UK.

Seybold Rep. Desktop Publ. (USA)
Seybold Report on Desktop Publishing Seybold Publications Inc., P.O.Box 644, Media, PA 19063, USA.

Seybold Rep. Publ. Syst. (USA)
Seybold Report on Publishing Systems Seybold Publications Inc., P.O.Box 644, Media, PA 19063, USA.

Sharp Tech. J. (Japan)
Sharp Technical Journal Sharp Co. Ltd., 2613-1 Ichinomoto, Tenri, Nara 632, Japan.

SHD Storage - Handl. - Distrib. (UK)
SHD Storage - Handling - Distribution Turret Industrial Publications, 171 High Street, Rickmansworth, Herts. WD3 1SN, UK.

Shimadzu Rev. (Japan)
Shimadzu Review Shimadzu Corp., Kawaramachi Nijo, Nakagyo-ku, Kyoto, Japan.

Shinko Electr. J. (Japan)
Shinko Electric Journal Shinko Electric Co. Ltd., Asahi Building, 3-12-2 Nihonbashi, Chuo-ku, Tokyo 103, Japan.

Shock Waves (Germany)
Shock Waves Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

Short Wave Mag. (UK)
Short Wave Magazine PW Publishing Ltd., Arrowsmith Court, Station Approach, Broadstone, Dorset BH18 8PW, UK.

Showa Electr. Wire Cable Rev. (Japan)
Showa Electric Wire and Cable Review Showa Electric Wire and Cable Co. Ltd., Tokyo Toranomon Bldg., 1-1-18, Toranomon, Minato-ku, Tokyo, Japan.

SIAM J. Appl. Math. (USA)
SIAM Journal on Applied Mathematics Society for Industrial and Applied Mathematics, 3600 University City Center, Philadelphia, PA 19104-2688, USA.

SIAM J. Comput. (USA)
SIAM Journal on Computing Society for Industrial and Applied Mathematics, 3600 University City Science Center, Philadelphia, PA 19104-2866, USA.

SIAM J. Control Optim. (USA)
SIAM Journal on Control and Optimization Society for Industrial and Applied Mathematics, 3600 University City Science Center, Philadelphia, PA 19104-2866, USA.

SIAM J. Math. Anal. (USA)
SIAM Journal on Mathematical Analysis Society for Industrial and Applied Mathematics, 3600 University City Science Center, Philadelhpia, PA 19104-2866, USA.

SIAM J. Matrix Anal. Appl. (USA)
SIAM Journal on Matrix Analysis and Applications Society for Industrial and Applied Mathematics, 3600 University City Science Cneter, Philadelphia, PA 19104-2866, USA.

SIAM J. Numer. Anal. (USA)
SIAM Journal on Numerical Analysis Society for Industrial and Applied Mathematics, 3600 University City Science Center, Philadelphia, PA 19104-2866, USA.

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SIAM Rev. (USA)
SIAM Review Society for Industrial and Applied Mathematics, 3600 University City Science Center, Philadelphia, PA 19104-2688, USA.

Siemens-Albis Ber. (Switzerland)
Siemens-Albis Berichte Siemens-Albis Aktiengesellschaft, Albisriederstrasse 245, 8047 Zurich, Switzerland.

Siemens Compon. (Engl. Ed.) (Germany)
Siemens Components (English Edition) Siemens AG, ZWD V Components, Postfach 80 1760, 81617 Munchen, Germany.

Siemens Rev. (Germany)
Siemens Review Siemens-Aktiengesellschaft, Postfach 3240, 8520 Erlangen 2, Germany.

SIGACT News (USA)
SIGACT News Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

SIGBIO Newsl. (USA)
SIGBIO Newsletter Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

SIGCAPH Newsl. (USA)
SIGCAPH Newsletter Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

SIGCHI Bull. (USA)
SIGCHI Bulletin Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

SIGCSE Bull. (USA)
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SIGCUE Outlook (USA)
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SIGDA Newsl. (USA)
SIGDA Newsletter Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

SIGForth Newsl. (USA)
SIGForth Newsletter Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

SIGICE Bull. (USA)
SIGICE Bulletin [Formerly: *SIGSMALL/PC Notes (USA)*] Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

SIGIR Forum (USA)
SIGIR Forum Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

SIGMICRO Newsl. (USA)
SIGMICRO Newsletter Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.
From March 1986 to June 1988 published under title SIGMICRO TC-MICRO Newsletter

SIGMOD Rec. (USA)
SIGMOD Record Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

Signal Draht (Germany)
Signal und Draht Tetzlaaff Verlag GmbH, Postfach 10 16 09, D-20010 Hamburg, Germany.

Signal Process. (Netherlands)
Signal Processing Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Signal Process., Image Commun. (Netherlands)
Signal Processing: Image Communication Elsevier Science Publishers B.V., P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.

Signals (USA)
Signals Ameritech, 34th Floor, 30 South Wacker Drive, Chicago, IL 60606, USA.

SIGNUM Newsl. (USA)
SIGNUM Newsletter Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

SIGOIS Bull. (USA)
SIGOIS Bulletin Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

SIGPLAN Not. (USA)
SIGPLAN Notices Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

SIGSAC Rev. (USA)
SIGSAC Review Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

SIGSAM Bull. (USA)
SIGSAM Bulletin Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

SIGSMALL/PC Notes (USA)
SIGSMALL/PC Notes [Title changed to: *SIGICE Bull. (USA)*]

SIGSOFT Softw. Eng. Notes (USA)
SIGSOFT Software Engineering Notes Association for Computing Machinery, 1515 Broadway, New York, NY 10036-5701, USA.

SIGUCCS Newsl. (USA)
SIGUCCS Newsletter Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

Simul. Gaming (USA)
Simulation & Gaming Sage Periodicals Press, 2455 Teller Road, Newbury Park, CA 91320, USA.

Simul. Pract. Theory (Netherlands)
Simulation Practice and Theory Elsevier Science Publishers B.V., P.O.Box 103, 1000 AC Amsterdam, Netherlands.

Simulation (USA)
Simulation Simulation Councils Inc., 4838 Ronson Court, Suite L, San Diego, CA 92111, USA.

Singap. J. Phys. (Singapore)
Singapore Journal of Physics Institute of Physics, Singapore, c/o Department of Physics, National University of Singapore, Kent Ridge, Singapore 0511, Singapore.

Sist. Impresa (Italy)
Sistemi & Impresa Editrice ESTE Srl, Via Giorgio Vasari 15, 20135 Milano, Italy.

Sitz.ber., Oesterr. Akad. Wiss. Math.-Nat.wiss. Kl. II, Math. Phys. Tech. Wiss. (Austria)
Sitzungsberichte. Oesterreichische Akademie der Wissenschaften, Mathematisch-Naturwissenschaftliche Klasse, Abteilung II (Mathematische, Physikalische und Technische Wissenschaften) Dr.-Ignaz-Seipel-Platz 2, A-1201 Wien. Publication address: Springer-Verlag KG, Sachsenplatz 4-6, P.O.Box 89, A-1010 Wien, Austria.

Skoda Rev. (Czech Republic)
Skoda Review Ul. 28. rijna 13, Praha 1, Czech Republic.

Skr. Nor. Vidensk.-Akad. Oslo I, Mat.-Nat.vidensk. Kl. (Norway)
Skrifter utgitt av det Norske Videnskaps-Akademi i Oslo. I. Matematisk-Naturvidenskaplige Klasse Faculty of Mathematics and Science, University of Oslo, Blindern per Oslo, Norway.

Sky Telesc. (USA)
Sky and Telescope Sky Publishing Corp., 49-50-51 Bay State Road, Cambridge, MA 02138, USA.

Slabop. Obz. (Czech Republic)
Slaboproudy Obzor SNTL, 11302 Praha 1, Spalena ul. 51, Czech Republic.

Sloan Manage. Rev. (USA)
Sloan Management Review Editorial address: MIT Sloan School of Management, 292 Main Street, E-38-120, Cambridge, MA 02139, USA.

Small Bus. Comput. News (USA)
Small Business Computer News Management Information Corp., 401 East Route 70, Cherry Hill, NJ 08034, USA.

Smart Mater. Struct. (UK)
Smart Materials and Structures IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

SMPTE J. (USA)
SMPTE Journal Society of Motion Picture and Television Engineers, 595 West Hartsdale Avenue, White Plains, NY 10607, USA.

Soc. Sci. Comput. Rev. (USA)
Social Science Computer Review Duke University Press, Box 6697 College Station, Durham, NC 27708, USA.

Soc. Suisse Chronom. Actes Congr. Chronom. (Switzerland)
Societe Suisse de Chronometrie Actes du Congres de Chronometrie CENTREDOC, CH-2007 Neuchatel, rue A.-L. Breguet 2, Switzerland.

Soc. Suisse Chronom. Actes Journ. Etude (Switzerland)
Societe Suisse de Chronometrie Actes de la Journee d'Etude CENTREDOC, CH-2007 Neuchatel, rue A.-L. Breguet 2, Switzerland.

SoftSide (USA)
SoftSide SoftSide Publications, 6 South Street, Milford, NH 03055, USA.

Softw., Concepts Tools (USA)
Software-Concepts and Tools [Formerly: *Struct. Program. (USA)*] Springer-Verlag New York Inc., Service Center Secaucus, 44 Hartz Way, Secaucus, NJ 07094, USA.

Softw. Econ. Lett. (USA)
Software Economics Letter Computer Economics Inc., 5841 Edison Place, Carlsbad, CA 92006, USA.

Softw. Eng. J. (UK)
Software Engineering Journal Published for the British Computer Society and the Institution of Electrical Engineers by the Institution of Electrical Engineers, Savoy Place, London WC2R 0BL, UK.

Softw. Manage. News (USA)
Software Management News Software Maintenance News Inc., B10-Suite 237, 4546 El Camino Real, Los Altos, CA 94022, USA.

Softw. - Pract. Exp. (UK)
Software - Practice and Experience John Wiley & Sons Ltd., Baffins Lane, Chichester, Sussex PO19 1UD, UK.

Softw. Qual. J. (UK)
Software Quality Journal Chapman & Hall, 2-6 Boundary Row, London, SE1 8HN, UK.

Softw. Test. Verif. Reliab. (UK)
Software Testing, Verification and Reliability John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Softw. World (UK)
Software World A.P. Publications Ltd., 377 St. John Street, London EC1V 4LD, UK.

Soil Dyn. Earthq. Eng. (UK)
Soil Dynamics and Earthquake Engineering Elsevier Science Publishers Ltd., Crown House, Linton Road, Barking, Essex IG11 8JU, UK.

Sol. Energy (USA)
Solar Energy Elsevier Science Inc., 660 White Plains Road, Tarrytown, NY 10591-5153, USA.

Sol. Energy Mater. Sol. Cells (Netherlands)
Solar Energy Materials and Solar Cells North-Holland, Elsevier Science Publishers B.V., P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.
Formed by merger of Solar Energy Materials, and Solar Cells

Sol. Phys. (Netherlands)
Solar Physics Kluwer Academic Publishers Group, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Sol. Syst. Res. (USA)
Solar System Research [Translation of: *Astron. Vestn. (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Sol. Terr. Environ. Res. Jpn. (Japan)
Solar Terrestrial Environmental Research in Japan Institute of Space and Aeronautical Science, University of Tokyo, 4-6-1 Komaba, Meguro-ku, Tokyo 153, Japan.

Solder. Surf. Mount Technol. (UK)
Soldering & Surface Mount Technology Wela Publications Ltd., Asahi House, 10 Church Road, Port Erin, Isle of Man, British Isles, UK.

Solid State Commun. (USA)
Solid State Communications Elsevier Science Inc., 660 White Plains Road, Tarrytown, NY 10591-5153, USA.
Supplement to Journal of Physics and Chemistry of Solids

Solid-State Electron. (UK)
Solid-State Electronics Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford, OX5 1GB, UK.

Solid State Ion. Diffus. React. (Netherlands)
Solid State Ionics, Diffusion & Reactions Elsevier Science Publishers B.V. (North-Holland Physics Publishing Division), P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Solid State Nucl. Magn. Reson. (Netherlands)
Solid State Nuclear Magnetic Resonance Elsevier Science Pulbishers B V, P.O.Box 330, 1000 AH Amsterdam, Netherlands.

Solid State Phys. (Japan)
Solid State Physics Agne Gijutsu Center, Kitamura Bldg., 5-1-25 Minamiayama, Minatoku, Tokyo, Japan.

Solid State Technol. (USA)
Solid State Technology PennWell Publishing Co., 5th Floor, Ten Tara Boulevard, Nashua, NH 03062-2801, USA.

SOPHOSHARE Mag. (Netherlands)
SOPHOSHARE Magazine Philips Communication Systems B.V., Business Unit BCS, Hilversum, Netherlands.

Souken Houkoku (Japan)
Souken Houkoku Technical Research Centre, Kansai Electric Power Co. Inc., 3-11-20 Nakoji, Amagasaki, Osaka 661, Japan.

Sound Vib. (USA)
Sound and Vibration Acoustical Publications Inc., 27101 East Oviatt Road, P.O.Box 40416, Bay Village, OH 44140, USA.

South Afr. J. Antarct. Res. (South Africa)
South African Journal of Antarctic Research Editorial Address: P.O. Box 3718, Johannesburg, South Africa.

South Afr. J. Libr. Inf. Sci. (South Africa)
South African Journal of Library and Information Science Bureau of Scientific Publications, P.O.Box 1758, Pretoria 0001, South Africa.

South Afr. J. Phys. (South Africa)
South African Journal of Physics Bureau for Scientific Publications, P.O. Box 1758, Pretoria 0001, South Africa.

South Afr. Mech. Eng. (South Africa)
South African Mechanical Engineer Mattec Publishing, 9th Floor Management House, 38 Melle Street, Braamfontein 2017, South Africa.

Sov. Astron. Lett. (USA)
Soviet Astronomy Letters [Title changed to: *Astron. Lett. (Russia)*]

Sov. J. Appl. Phys. (USA)
Soviet Journal of Applied Physics [Translation of: *Izv. Sib. Otd. Akad. Nauk SSSR Ser. Tekh. Nauk (Russia)*] Scripta Technica Inc., 7961 Eastern Avenue, Silver Spring, MD 20910, USA.

Sov. J. Glass Phys. Chem. (USA)
Soviet Journal of Glass Physics and Chemistry [Title changed to: *Glass Phys. Chem. (Russia)*]

Sov. J. Low Temp. Phys. (USA)
Soviet Journal of Low Temperature Physics [Translation of: *Fiz. Nizk. Temp. (Ukraine)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.
INSPEC coverage is from original Russian journal

Sov. J. Opt. Technol. (USA)
Soviet Journal of Optical Technology [Title changed to: *J. Opt. Technol. (USA)*]

Sov. Lightwave Commun. (UK)
Soviet Lightwave Communications IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Sov. Mater. Sci. (USA)
Soviet Materials Science [Title changed to: *Mater. Sci. (USA)*]

Sov. Meteorol. Hydrol. (USA)
Soviet Meteorology and Hydrology [Title changed to: *Russ. Meteorol. Hydrol. (USA)*]

Sov. Phys.-Tech. Phys. (USA)
Soviet Physics - Technical Physics [Title changed to: *Tech. Phys. (USA)*]

Space Commun. (Netherlands)
Space Communications IOS Press, Van Diemenstraat 94, 1013 CN Amsterdam, Netherlands.

Space Power (UK)
Space Power [Title changed to: *Space Power (USA)*]

Space Power (USA)
Space Power [Formerly: *Space Power (UK)*] Council for Social and Economic Studies, 6861 Elm Street, Suite 4H, McLean, VA 22101, USA.

Space Sci. Rev. (Netherlands)
Space Science Reviews Kluwer Academic Publishers Group, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Space Technol. (UK)
Space Technology Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Spatial Vis. (Netherlands)
Spatial Vision VSP International Science Publishers, P.O.Box 346, 3700 AH Zeist, Netherlands.

Spec. Collect. (USA)
Special Collections Haworth Press Inc., 75 Griswold Street, Binghamton, NY 13904, USA.

Spec. Libr. (USA)
Special Libraries Special Libraries Association, 1700 18th Street, N.W., Washington, DC 20009-2508, USA.

Spectrochim. Acta A, Mol. Spectrosc. (UK)
Spectrochimica Acta, Part A (Molecular Spectroscopy) Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Spectrochim. Acta B, At. Spectrosc. (UK)
Spectrochimica Acta, Part B (Atomic Spectroscopy) Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Spectrosc. Eur. (UK)
Spectroscopy Europe Ian Michael Publications, P.O.Box 10, Selsey, Chichester, West Sussex PO20 9HF, UK.

Spectrosc. Lett. (USA)
Spectroscopy Letters Marcel Dekker Inc., P.O.Box 5005, Monticello, NY 12701-5185, USA.

Specul. Sci. Technol. (UK)
Speculations in Science and Technology Science and Technology Letters, P.O.Box 81, Northwood, Middx. HA6 3DN, UK.

Speech Commun. (Netherlands)
Speech Communication Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Speech Technol. (USA)
Speech Technology Media Dimensions Inc., 525 East 82nd Street, New York, NY 10028, USA.

Sprache Datenverarb. (Germany)
Sprache und Datenverarbeitung IKS e.V., Poppelsdorfer Allee 47, D-5300 Bonn, Germany.

Sprecher Energ. Rev. (Switzerland)
Sprecher Energie Review Sprecher Energie AG, 5036 Oberentfelden, Switzerland.

Stanki Instrum. (Russia)
Stanki i Instrument Mashinostroenie, ul. 25 Oktyabrya, d. 10, Moskva, K-12, Russia.
Translation of selected articles appear in Soviet Engineering Research

Stat. Comput. (UK)
Statistics and Computing Chapman & Hall, 2-6 Boundary Row, London, SE1 8HN, UK.

Stat. J. U.N. Econ. Comm. Eur. (Netherlands)
Statistical Journal of the United Nations Economic Commission for Europe IOS, Van Diemenstraat 94, 1013 CN Amsterdam, Netherlands.

Statistician (UK)
Statistician Carfax Publishing Co., P.O.Box 25, Abingdon, Oxon OX14 3UE, UK.

Steel Res. (Germany)
Steel Research Verlag Stahleisen mbH, Sohnstrasse 65, D-40237 Dusseldorf, Germany.

Steklo Keram. (Russia)
Steklo i Keramika [English translation in: *Glass Ceram. (USA)*] Kusnetskii Most, d. 20, Moskva, K-31, Russia.
INSPEC coverage is from English translation

Stoch. Process. Appl. (Netherlands)
Stochastic Processes & their Applications Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Strain (UK)
Strain British Society for Strain Measurement, Suite 7, 2nd Floor, Exchange Building, Quayside, Newcastle upon Tyne NE1 3BJ, UK.

Strength Mater. (USA)
Strength of Materials [Translation of: *Probl. Prochn. (Ukraine)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Strompraxis (Germany)
Strompraxis Verlags- und Wirtschaftsgesellschaft der Elektrizitatswerke mbH-VWEW, Stresemannallee 30, W-6000 Frankfurt am Main 1, Germany.

Struct. Chem. (USA)
Structural Chemistry VCH Publishers Inc., 303 N.W. 12th Avenue, Deerfield Beach, FL 33442-1788, UK.

Struct. Eng. Mech. (South Korea)
Structural Engineering and Mechanics Techno-Press Ltd., P.O.Box 33, Yusong, Taejon 306-600, South Korea.

Struct. Optim. (Germany)
Structural Optimization Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

Struct. Program. (USA)
Structured Programming [Title changed to: *Softw., Concepts Tools (USA)*]

Stud. Cercet. Doc. (Romania)
Studii si Cercetari de Documentare Ministerul Educatiei si Invatamintului, Str. Gutenberg Nr. 6 bis, Sector 6, Bucuresti, Romania.

Stud. Cercet. Geofiz. (Romania)
Studii si Cercetari de Geofizica Editura Academiei Romane, Calea Victoriei nr. 125, R-79717 Bucuresti, Romania.

Stud. Geophys. Geod. (Czech Republic)
Studia Geophysica et Geodaetica Publishing House Academia, Vodickova 40, 112 29 Praha 1, Czech Republic.

Stud. J. Inst. Electron. Telecommun. Eng. (India)
Students' Journal of the Institution of Electronics & Telecommunication Engineers Plot no. 2, Insitutional Area, Lodi Road, New Delhi 110 003, India.

Stud. Log. (Netherlands)
Studia Logica Kluwer Academic Publisher Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Suid-Afr. Tydskr. Natuurwet. Tecnol. (South Africa)
Suid-Afrikaanse Tydskrif vir Natuurwetenskap en Tecnologie Suid-Afrikaanse Akademie vir Wetenskap en Kuns, Postbus 538, Pretoria 0001, South Africa.

Sulzer Tech. Rev. (Switzerland)
Sulzer Technical Review Sulzer Brothers Ltd., CH-8401 Winterthur, Switzerland.

Sumitomo Electr. Tech. Rev. (Japan)
Sumitomo Electric Technical Review Sumitomo Electric Industries Ltd., 5-33 Kitahama 4-chome, Chuo-ku, Osaka 541, Japan.
Not covered during the period 1974 to 1979

Sumitomo Search (Japan)
Sumitomo Search Sumitomo Metal Industries Ltd., 5-15 Kitahama, Higasgh-ku, Osaka 541, Japan.

Supercomputer (Netherlands)
Supercomputer ASFRA, Voorhaven 33, 1135 BL Edam, Netherlands.

Supercond. Ind. (USA)
Superconductor Industry Rodman Publishing Corp., 26 Lake Street, P.O.Box 555, Ramsey, NJ 07446, USA.

Supercond., Phys. Chem. Technol. (Russia)
Superconductivity: Physics, Chemistry, Technology [Formerly: *Supercond., Phys. Chem. Technol. (USA)*; Translation of: *Sverkhprovodn., Fiz. Khim. Tekh. (Russia)*] Prof. V.I. Ozhogin, RRC 'Kurchatov Institute', Effectron Science Publishers, 123182 Moscow, Kurchatov Square, Russia.

Supercond., Phys. Chem. Technol. (USA)
Superconductivity: Physics, Chemistry, Technology [Title changed to: *Supercond., Phys. Chem. Technol. (Russia)*]

Supercond. Rev. (UK)
Superconductivity Review Gordon and Breach Science Publishers Ltd., c/o STBS Ltd., P.O.Box 90, Reading, Berks. RG1 8JL, UK.

Supercond. Sci. Technol. (UK)
Superconductor Science & Technology IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Superlattices Microstruct. (UK)
Superlattices and Microstructures Academic Press Inc. (London) Ltd., 24-28 Oval Road, London NW1 7DX, UK.

Suppl. Br. Telecommun. Eng. (UK)
Supplement to British Telecommunications Engineering [Issued with: *Br. Telecommun. Eng. (UK)*]

Surf. Coat. Technol. (Switzerland)
Surface and Coatings Technology Elsevier Sequoia S.A., P.O.Box 564, CH-1001 Lausanne 1, Switzerland.

Surf. Eng. (UK)
Surface Engineering Institute of Metals and the Wolfson Institute for Surface Engineering, 1 Carlton House Terrace, London SW1Y 5DB, UK.

Surf. Interface Anal. (UK)
Surface and Interface Analysis John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Surf. Mount Technol. (USA)
Surface Mount Technology IHS Publishing Group, Box 159, 17730 West Peterson Road, Libertyville, IL 60048, USA.

Surf. Sci. (Netherlands)
Surface Science Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Surf. Sci. Rep. (Netherlands)
Surface Science Reports Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Surf. Sci. Spectra (USA)
Surface Science Spectra Published for the American Vacuum Society by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Surv. Bus. Univ. Tenn. (USA)
Survey of Business, University of Tennessee College of Business Administration, Center for Business and Economic Research, University of Tennessee, Knoxville, TN 37916, USA.

Surv. Geophys. (Netherlands)
Surveys in Geophysics Kluwer Academic Publishers Group, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Surv. High Energy Phys. (Switzerland)
Surveys in High Energy Physics Harwood Academic Publishers GmbH, Poststrasse 22, CH-7000 Chur, Switzerland.

Surv. Math. Ind. (Austria)
Surveys on Mathematics for Industry Springer-Verlag Wien, Sachsenplatz 4-6, P.O.Box 89, A-1201 Wien, Austria.

Survive (UK)
Survive Survive! Secretariat, 2 The Chapel, Royal Victoria Patriotic Building, Fitzhugh Grove, London SE18 3SX, UK.

Sverkhprovodn., Fiz. Khim. Tekh. (Russia)
Sverkhprovodimost': Fizika, Khimiya, Tekhnika [English translation in: *Supercond., Phys. Chem. Technol. (Russia)*] Kurchatov Institute of Atomic Enrgy, 123182 Moscow, Russia.

Svetsaren (Engl. Ed.) (Sweden)
Svetsaren (English Edition) ESAB, Box 8004, S-402 77 Goteborg, Sweden.

Synth. Met. (Switzerland)
Synthetic Metals Elsevier Sequoia S.A., P.O. Box 564, CH-1001 Lausanne 1, Switzerland.

Sysdata (Switzerland)
Sysdata Verlag Binkert AG, 4335 Laufenburg, Postfach 32, Switzerland.

Syst. Anal. Model. Simul. (UK)
Systems Analysis and Modelling Simulation Gordon and Greach Science Publishers S.A., c/o STBS Ltd., P.O.Box 90. Reading, Berks. RG1 8JL, UK.

Syst. Comput. Jpn. (USA)
Systems and Computers in Japan Scripta Technica Inc., 605 Third Avenue, New York, NY 10158, USA.
English translation of selected articles from Transactions of the Institute of Electronics, Information and Communication Engineers of Japan, Parts A, B-I, B-II, C-I, C-II, D-I and D-II

Syst. Control Inf. (Japan)
Systems, Control and Information Institute of Systems, Control and Information Engineers, 14 Yoshida Kawahara-cho, Sakyo-ku, Kyoto City, Kyoto 606, Japan.

Syst. Control Lett. (Netherlands)
Systems & Control Letters Elsevier Science Publishers B.V., P.O.Box 211, 1000 AC Amsterdam, Netherlands.

Syst. Dyn. Rev. (UK)
System Dynamics Review John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Syst. Log. (Switzerland)
Systemes Logiques Chaire de Systemes Logiques, Ecole Polytechnique Federale, 16 Chemin de Bellerive, ch-1007 Lausanne, Switzerland.
Publication temporarily suspended

Syst. Res. (Netherlands)
Systems Research Thesis Publishers, P.O.Box 14791, 1001 LG Amsterdam, Netherlands.

Syst. Res. Inf. Sci. (Switzerland)
Systems Research and Information Science [Formerly: *Syst. Res. Inf. Sci. (UK)*] Gordon and Breach Science Publishers SA, Postfach, CH-4004 Basel, Switzerland.

Syst. Res. Inf. Sci. (UK)
Systems Research and Information Science [Title changed to: *Syst. Res. Inf. Sci. (Switzerland)*]

Syst. Sci. (Poland)
Systems Science Wroclaw Technical University Press, Wroclaw, Wybreze Wyspianskiego 27, Poland.

Syst. Tech. Rep. (Japan)
Systems Technical Report Japan Univac Users Association, 2-17-51 Akasaka, Minato-ku, Tokyo 107, Japan.

Syst. Technol. (UK)
Systems Technology Plessey Co. Ltd., Ilford, Essex, UK.

Szigma (Hungary)
Szigma Akademiai Kiado, 1363 Budapest V, Alkotmany u. 21, Hungary.

Takaoka Rev. (Japan)
Takaoka Review Takaoka Electric Manufacturing Co. Ltd., 2-2-1 Otemachi, Chiyoda-ku, Tokyo 100, Japan.

Takenaka Tech. Res. Rep. (Japan)
Takenaka Technical Research Report Takenaka Komuten Co. Ltd., 4-27 Hommachi, Higashi-ku, Osaka, Japan.

TE Int. (Italy)
TE International [Issued with: *Tecnol. Elettr. (Italy)*]

Tec, Ascom Tech. Mag. (Switzerland)
Tec - Ascom Technical Magazine Ascom Holding Ltd., Morgenstrasse 129, CH-3018 Bern, Switzerland.

Tec. Ital. (Italy)
Tecnica Italiana Via Matteotti 55, 34071 Cormons (Gorizia), Italy.

Tech. Bull. Vevey (Switzerland)
Technical Bulletin Vevey Vevey Engineering Works Ltd., CH-1844 Villeneuve, Switzerland.

Tech. Mess. tm (Germany)
Technisches Messen tm R. Oldenbourg Verlag GmbH, Rosenheimer Strasse 145, 8000 Munchen 80, Germany.

Tech. Mitt. Krupp (Engl. Ed.) (Germany)
Technische Mitteilungen Krupp (English Edition) Friedr. Krupp GmbH, Technology Department, Postfach 10 22 52, 45117 Essen, Germany.
Formed by merger of Technische Mitteilungen Krupp, Forschungsberichte and Technische Mitteilungen Krupp, Werksberichte

Tech. Mitt. PTT (Switzerland)
Technische Mitteilungen PTT Generaldirektion PTT, Viktoriastrasse 21, 3000 Bern 33, Switzerland.

Tech. Mitt. RFZ (Germany)
Technische Mitteilungen des RFZ Agastrasse, Berlin-Aldershof, Germany.

Tech. Mod. (France)
La Technique Moderne 76 rue de Rivoli, 75004 Paris, France.

Tech. Phys. (USA)
Technical Physics [Formerly: *Sov. Phys.-Tech. Phys. (USA)*; Translation of: *Zh. Tekh. Fiz. (Russia)*] American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Tech. Phys. Lett. (USA)
Technical Physics Letters [Translation of: *Pis'ma Zh. Tekh. Fiz. (Russia)*] American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Tech. Rep. Inst. At. Energy Kyoto Univ. (Japan)
Technical Reports of the Institute of Atomic Energy, Kyoto University Institute of Atomic Energy, Kyoto University, Uji, Kyoto 611, Japan.

Tech. Rep. Kumamoto Univ. (Japan)
Technical Reports of the Kumamoto University Faculty of Engineering, Kumamoto University, Kumamoto, Japan.

Tech. Rep. Seikei Univ. (Japan)
Technical Reports of Seikei University [Formerly: *Technol. Rep. Seikei Univ. (Japan)*] Kichijoji Kitamachi 3, Musashino-shi, Tokyo 180, Japan.

Tech. Res. Cent. Finl. Electr. Nucl. Technol. Publ. (Finland)
Technical Research Centre of Finland Electrical and Nuclear Technology Publication 00180 Helsinki 18, Lonnrotinkatu 37, Finland.

Tech. Sci. Inform. (France)
Technique et Science Informatiques AFCET, Division TTI, 156 Boulevard Pereire, 75017 Paris, France.
INSPEC coverage from vol.2, no.5 (1983) - vol.3, no.5 (1984) and from vol.6, no.7-8 (1987) from English translation Technology and Science of Informatics

Tech. Serv. Q. (USA)
Technical Services Quarterly Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904-1580, USA.

Tech Trends (USA)
Tech Trends Association for Educational Communications and Technology, 1025 Vermont Avenue, NW, Ste. 820, Washington, DC 20005, USA.

Technica (Switzerland)
Technica Industrie-Verlag AG, Muhlebachstrasse 43, Postfach, 8032 Zurich, Switzerland.

Technion (Israel)
Technion Israel Institute of Technology, Technion City, Haifa, Israel.

Technol. Forecast. Soc. Change (USA)
Technological Forecasting and Social Change Elsevier Science Publishing Co. Inc., 655 Avenue of the Americas, New York, NY 10010, USA.

Technol. Health Care (Netherlands)
Technology and Health Care Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Technol. Inf. Soc. (France)
Technologies de l'Information et Societe Dunod Editeur, 15 Rue Gossin, 92543 Montrouge Cedex, France.

Technol. Rep. Iwate Univ. (Japan)
Technology Reports of the Iwate University Faculty of Engineering, Iwate University, Morioka, Japan.

Technol. Rep. Kansai Univ. (Japan)
Technology Reports of Kansai University Faculty of Engineering, Kansai University, Senriyama, Suita-City, Osaka, Japan.

Technol. Rep. Kyushu Univ. (Japan)
Technology Reports of the Kyushu University Faculty of Engineering, Fukuoka, Japan.

Technol. Rep. Osaka Univ. (Japan)
Technology Reports of the Osaka University Faculty of Engineering, Osaka University, Yamada-Kami, Suita, Osaka 565, Japan.

Technol. Rep. Seikei Univ. (Japan)
Technology Reports of the Seikei University [Title changed to: *Tech. Rep. Seikei Univ. (Japan)*]

Technol. Rep. Yamaguchi Univ. (Japan)
Technology Reports of the Yamaguchi University Faculty of Engineering, Yamaguchi University, 2557 Tokiwadai, Ube-shi, Yamaguchi 755, Japan.

Technometrics (USA)
Technometrics American Society for Quality Control and the American Statistical Association, 1429 Duke Street, Alexandria, VA 22314, USA.

Tecnica (Portugal)
Tecnica Associacao dos Estudantes do Instituto Superior Tecnico, Av. Rovisco Pais, P-1000 Lisboa, Portugal.

Tecnol. Elettr. (Italy)
Tecnologie Elettriche Gruppo Editoriale Stammer S.p.A., Via della Liberazione 1, 20068 Peschiera Borromeo (Mi), Italy.

Tectonics (USA)
Tectonics American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA.

Teh. Fiz. (Serbia)
Tehnicka Fizika Universitet u Beograd, Zavod za Fiziku Tehnickih Fakulteta, Rizveltova 1a, 11000 Beograd, Serbia.

Tehnika (Serbia)
Tehnika Savez Inzenjera i Tehnicara Jugoslavije, 11000 Beograd, Kneza Milosa 9/II, Serbia.

Tekh. Elektrodin. (Ukraine)
Tekhnicheskaya Elektrodinamika Izdatel'stvo 'Nauka Dumka', 252601 Kiev GSP, Ul. Repina 3, Ukraine.

Tekh. Kibern. (Russia)
Tekhnicheskaya Kibernetika [English translation in: *J. Comput. Syst. Sci. Int. (USA)*] Akademiya Nauk SSSR, Leninskii Prosp. 14, Moskva, Russia.
INSPEC coverage is from English translation

Tekh. Kino Telev. (Russia)
Tekhnika Kino i Televideniya Leningradskii Prospekt 47, Moskva 125167, Russia.

Telcom Rep. Int. (Germany)
Telcom Report International Siemens Aktiengesellschaft, Hellabrunner Strasse 1, W-8000 Munich 90, Germany.

Tele (Swed. Ed.) (Sweden)
Tele (Swedish Edition) Marbackagatan 19, 123 86 Farsta, Sweden.

Telecom World (UK)
Telecom World British Telecommunications plc, Room A243, BT Centre, 81 Newgate Street, London EC1A 7AJ, UK.

Telecommun. J. (Engl. Ed.) (Switzerland)
Telecommunication Journal (English Edition) International Telecommunications Union, Place des Nations, 1211 Geneve 20, Switzerland.

Telecommun. J. Aust. (Australia)
Telecommunication Journal of Australia Telecommunication Society of Australia, Box 4050, GPO Melbourne, Vic. 3001, Australia.

Telecommun. Policy (UK)
Telecommunications Policy Butterworth-Heinemann Ltd., Linacre House, Jordan Hill, Oxford OX2 8DP, UK.

Telecommun. Radio Eng. 1, Telecommun. (USA)
Telecommunications and Radio Engineering, Part 1 (Telecommunications) [Translation of: *Elektrosvyaz (Russia)*] Scripta Technica Inc., 605 Third Avenue, New York, NY 10158, USA.

Telecommun. Radio Eng. 2, Radio Eng. (USA)
Telecommunications and Radio Engineering, Part 2 (Radio Engineering) [Translation of: *Radiotekhnika, Mosk. (Russia)*] Scripta Technica Inc., 7961 Eastern Avenue, Silver Spring, MD 20910, USA.

Telecommun. Syst. - Model. Anal. Des. Manage. (Switzerland)
Telecommunication Systems - Modeling, Analysis, Design and Management J.C. Baltzer AG, Scientific Publishing Co., Wettsteinplatz 10, CH-4058 Basel, Switzerland.

Telecommunications (India)
Telecommunications Cheif General Manager, Technical & Development Circle, Sanchar Vikas Bhavan, Residency Road, Jabalpur 482 001, Madhya Pradesh, India.

Telecommunications (Int. Ed.) (USA)
Telecommunications (International Edition) Horizon House-Microwave Inc., 685 Canton Street, Norwood, MA 02062, USA.

Telekom-Prax. (Germany)
Telekom-Praxis Fachverlag Schiele & Schon GmbH Berlin, Postfach 610280, D-10924 Berlin, Germany.

Telekomunikacije (Serbia)
Telekomunikacije Zajednica JPTT, Beograd, Palmotice va 2, Serbia.

Telektronikk (Norway)
Telektronikk Norwegian Telecom Research, P.O.Box 83, N-2007 Kjeller, Norway.

Telemat. Inform. (UK)
Telematics and Informatics Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Telenorma Nachr. (Germany)
Telenorma Nachrichten TELENORMA GmbH, D-60277 Frankfurt am Main, Germany.

Teleph. Eng. Manage. (USA)
Telephone Engineer and Management [Title changed to: *America's Netw. (USA)*]

Telephony (USA)
Telephony Intertec Publishing Corp., 9800 Metcalf, Overland Park, KS 66212-2215, USA.

Telesis (Canada)
Telesis Bell-Northern Research, P.O. Box 3511, Station 'C', Ottawa, Ontario K1Y 4H7, Canada.

Teleteknik (Denmark)
Teleteknik (Danish Edition) Post- of Telegrafvaesenet og de Koncessionerede Telefonselskaber i Danmark, Valkendorfsgade 9, 1151 Kobenhavn, Denmark.

Teleteknik (Engl. Ed.) (Denmark)
Teleteknik (English Edition) Telegade 2, DK-2630 Taastrup, Denmark.

Telev., J. R. Telev. Soc. (UK)
Television (Journal of the Royal Television Society) Holborn Hall, 100 Grays Inn Road, London WC1X 8AL, UK.

Tellus A, Dyn. Meteorol. Oceanogr. (Sweden)
Tellus, Series A (Dynamic Meteorology and Oceanography) Swedish Geophysical Society. Editorial address: Arrhenius Laboratory, S-10691 Stockholm, Sweden.
Supersedes in part: Tellus

Tellus B, Chem. Phys. Meteorol. (Sweden)
Tellus, Series B (Chemical and Physical Meteorology) Swedish Geophysical Society. Editorial address: Arrhenius Laboratory, S-10691 Stockholm, Sweden.
Supersedes in part: Tellus

Teor. Eksp. Khim. (Russia)
Teoreticheskaya i Eksperimental'naya Khimiya [English translation in: *Theor. Exp. Chem. (USA)*] Mezhdunarodnaya Kniga, Moskva, Russia.
INSPEC coverage is from English translation

Teor. Mat. Fiz. (Russia)
Teoreticheskaya i Matematicheskaya Fizika [English translation in: *Theor. Math. Phys. (USA)*] Editorial address: Department of Theoretical Physics, Institute of Mathematics, Academy of Sciences of the USSR, Moscow, Russia.
INSPEC coverage is from English translation

Teor. Veroyatn. Primen. (Russia)
Teoriya Veroyatnostei i ee Primeneniya [English translation in: *Theory Probab. Appl. (USA)*] Mezhdunarodnaya Kniga, Moskva, Russia.
INSPEC coverage is from English translation

Teploenergetika (Russia)
Teploenergetika [English translation of selected articles in: *Therm. Eng. (Russia)*] Krasnokasarmennaya ul., d. 14, Moskva, E-250, Russia.

Teplofiz. Vys. Temp. (Russia)
Teplofizika Vysokikh Temperatur [English translation in: *High Temp. (Russia)*] Akademiya Nauk SSSR. 17 Korpus 2, Moskva E-250, Russia.
INSPEC coverage is from English translation

Test (UK)
Test Angel Publishing, Kingsland House, 361 City Road, London EC1V 1LR, UK.

Test Meas. Eur. (USA)
Test & Measurement Europe Cahners Publishing Co., 275 Washington Street, Newton, MA 02158-1630, USA.

Test Meas. World (USA)
Test & Measurement World Cahners Publishing, 275 Washington Street, Newton, MA 02158-1630, USA.

Tex. J. Sci. (USA)
Texas Journal of Science Texas Tech University, P.O.Box 43151, Lubbock, TX 79409-3151, USA.

Texas Instrum. Tech. J. (USA)
Texas Instruments Technical Journal Texas Instruments, 13510 North Central Expressway, P.O.Box 226015, MS 3940, Dallas TX 75266, USA.

THEOCHEM (Netherlands)
THEOCHEM Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Theor. Appl. Climatol. (Austria)
Theoretical and Applied Climatology Springer-Verlag, Sachsenplatz 4-6, P.O.Box 89, A-1201 Wien, Austria.

Theor. Appl. Fract. Mech. (Netherlands)
Theoretical and Applied Fracture Mechanics Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Theor. Chim. Acta (Germany)
Theoretica Chimica Acta Springer-Verlag, D-14197 Berlin, Heidelberger Platz 3, Germany.

Theor. Comput. Fluid Dyn. (Germany)
Theoretical and Computational Fluid Dynamics Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

Theor. Comput. Sci. (Netherlands)
Theoretical Computer Science Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Theor. Exp. Chem. (USA)
Theoretical and Experimental Chemistry [Translation of: *Teor. Eksp. Khim. (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Theor. Math. Phys. (USA)
Theoretical and Mathematical Physics [Translation of: *Teor. Mat. Fiz. (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Theor. Phys. Semin. Trondheim (Norway)
Theoretical Physics Seminar in Trondheim University of Trondheim, N-7034 Trondheim, Norway.

Theory Probab. Appl. (USA)
Theory of Probability and Its Applications [Translation of: *Teor. Veroyatn. Primen. (Russia)*] Society for Industrial and Applied Mathematics, 1400 Architects Building, 117 South 17th Street, Philadelphia, PA 19103, USA.

Therm. Eng. (Russia)
Thermal Engineering [Formerly: *Therm. Eng. (UK)*; Translation of: *Teploenergetika (Russia)*] Interperiodica and the Russian Academy of Sciences. Editorial address: Krasnokazarmennaya Street 14, Moscow GSP-1 111250. Distribution address: Interperiodica, P.O.Box 1831, Birmingham, AL 35201-1831, Russia.

Therm. Eng. (UK)
Thermal Engineering [Title changed to: *Therm. Eng. (Russia)*]

Thin Solid Films (Switzerland)
Thin Solid Films Elsevier Sequoia S.A., P.O. Box 564, 1001 Lausanne 1, Switzerland.

Thin-Walled Struct. (UK)
Thin-Walled Structures Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Tidskr. Dok. (Sweden)
Tidskrift for Dokumentation Tekniska Litteratursallskapet, Box 5073, S-102 42 Stockholm, Sweden.

Tijdschr. Ned. Elektron.- & Radiogenoot. (Netherlands)
Tijdschrift van het Nederlands Elektronica- en Radiogenootschap Postbus 39, Leidschendam, Netherlands.

T.I.P Appl. (UK)
T.I.P Applications [Formerly: *C&L Appl. (UK)*] The Information Partnership, 140 Tabernacle Street, London EC2A 4SD, UK.

Tokohu Geophys. J. Sci. Rep. Tokohu Univ. Fifth Ser. (Japan)
Tohoku Geophysical Journal, Science Reports of the Tohoku University, Fifth Series Faculty of Science, Tohoku University, Sendai-shi, Miyagi 980, Japan.

Tolley's Comput. Law Pract. (UK)
Tolley's Computer Law and Practice Tolley Publishing Co. Ltd., Tolley House, 2 Addiscombe Road, Croydon, Surrey CR9 5AF, UK.

Toyo's Tech. Bull. (Japan)
Toyo's Technical Bulletin Toyo Communication Equipment Co. Ltd., 753 Kotani, Samukawa-machi, Koza-gun, Kanagawa 253-01, Japan.

Tr. Inst. Teor. Astron. (Russia)
Trudy Instituta Teoreticheskoi Astronomii Izdatel'stvo 'Nauka', Leningradskoe Otdelenie, 199164 Leningrad, Mendeleevskaya Lin., 1, Russia.

TRAC Trends Anal. Chem. (Netherlands)
TRAC Trends in Analytical Chemistry Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

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Training & Development American Society for Training and Development Inc., 1640 King Street, Box 1443, Alexandria, VA 22313-2043, USA.

Train. Off. (UK)
Training Officer Marylebone Press Ltd., Lloyds House, 18 Lloyd Street, Manchester M2 5WA, UK.

Train. Technol. Hum. Resour. (UK)
Training Technology & Human Resources M R Publishing Ltd., Raffety House, 2-4 Sutton Court Road, Sutton, Surrey SM1 4SS, UK.

Trait. Signal (France)
Traitement du Signal C.D.R., Centrale des Revues, 11 Rue Gossin, 92543 Montrouge Cedex, France.

Trans. Am. Nucl. Soc. (USA)
Transactions of the American Nuclear Society American Nuclear Society, 555 North Kensington Avenue, La Grange Park, IL 60525, USA.

Trans. ASME, J. Appl. Mech. (USA)
Transactions of the ASME. Journal of Applied Mechanics American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME, J. Biomech. Eng. (USA)
Transactions of the ASME. Journal of Biomechanical Engineering American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME, J. Dyn. Syst. Meas. Control (USA)
Transactions of the ASME. Journal of Dynamic Systems, Measurement and Control American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME, J. Electron. Packag. (USA)
Transactions of the ASME. Journal of Electronic Packaging American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME, J. Energy Resour. Technol. (USA)
Transactions of the ASME. Journal of Energy Resources Technology American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME, J. Eng. Gas Turbines Power (USA)
Transactions of the ASME. Journal of Engineering for Gas Turbines and Power American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME, J. Eng. Ind. (USA)
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Trans. ASME, J. Eng. Mater. Technol. (USA)
Transactions of the ASME. Journal of Engineering Materials and Technology American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME, J. Fluids Eng. (USA)
Transactions of the ASME. Journal of Fluids Engineering American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME, J. Heat Transf. (USA)
Transactions of the ASME. Journal of Heat Transfer American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME, J. Mech. Des. (USA)
Transactions of the ASME. Journal of Mechanical Design American Society of Mechanical Engineering, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME, J. Press. Vessel Technol. (USA)
Transactions of the ASME. Journal of Pressure Vessel Technology American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME, J. Sol. Energy Eng. (USA)
Transactions of the ASME. Journal of Solar Energy Engineering American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME, J. Tribol. (USA)
Transactions of the ASME. Journal of Tribology American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.
From Jan. 1985 to April 1986 published under the title Transactions of the ASME. Journal of Tribology Technology

Trans. ASME. J. Vib. Acoust. (USA)
Transactions of the ASME. Journal of Vibration and Acoustics American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME, J.Turbomach. (USA)
Transactions of the ASME. The Journal of Turbomachinery American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.
Formerly included in Transactions of the ASME. Journal of Engineering for Gas Turbines and Power

Trans. Bose Res. Inst. (India)
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Trans. Distrib. Int. (USA)
Transmission & Distribution International Intertec Publishing Corp., 9800 Metcalf Avenue, Overland Park, KS 66212-2215, USA.

Trans. Fusion Technol. (USA)
Transactions of Fusion Technology American Nuclear Society, 555 M. Kensington Avenue, La Grange Park, IL 60525, USA.

Trans. Indian Inst. Met. (India)
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Translation in: Electrical Engineering in Japan. Supersedes in part: Transactions of the Institute of Electrical Engineers of Japan

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Trans. Nonferr. Met. Soc. China (China)
Transactions of the Nonferrous Metals Society of China Central-South University of Technology, Changsha 410083. Distributed by: Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA, USA.

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Trans. Zimb. Sci. Assoc. (Zimbabwe)
Transactions of the Zimbabwe Scientific Association P.O.Box 8351, Causeway, Harare, Zimbabwe.

Transelektro News (Hungary)
Transelektro News Hungarian Trading Co. for Electrical Equipment and Supplies, Budapest 62, PO Box 337, Hungary.

Transm. Distrib. (USA)
Transmission and Distribution Intertec Publishing Inc., 9800 Metcalf Avenue, Overland Park, KS 66212-2215, USA.

Transp. Res. A, Policy Pract. (UK)
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Transportation Research, Part B (Methodological) Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.
Supersedes in part: Transportation Research

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Transportation Research Part C (Emerging Technologies) Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

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Transput. Appl. (UK)
Transputer Applications Rutherford Appleton Laboratory, Chilton, Didcot, OX11 0QX, UK.

Trends Telecommun. (Netherlands)
Trends in Telecommunications AT&T and Philips Telecommunications B.V., Internal and External Relations, P.O.Box 1168, 1200 BD Hilversum, Netherlands.

Trenie Iznos (Byelorussia)
Trenie i Iznos [English translation in: *J. Frict. Wear (USA)*] Naukova Tekhnika, Minsk, Byelorussia.
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TSS and TSS News Mr. Kamal Gohar, 24 Lmer Street, Dokki-Giza, Cairo, Egypt.

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Tudomanyos es Muszaki Tajekoztatas Orszagos Muszaki Informacios Kozpont es Konyvtar, Budapest I, Gyorskocsi u. 5-7, Hungary.

Turk. J. Eng. Environ. Sci. (Turkey)
Turkish Journal of Engineering and Environmental Sciences [Formerly: *Doga Turk. J. Eng. Environ. Sci. (Turkey)*] Scientific and Technical Research Council of Turkey, P.O.Box 5, 06420 Kizilay, Ankara, Turkey.

Turk. J. Phys. (Turkey)
Turkish Journal of Physics [Formerly: *Doga Turk. J. Phys. (Turkey)*] Scientific and Technical Research Council of Turkey (TUBITAK), P.O.Box 5, Kizilay, Ankara 06420, Turkey.

Ukr. Fiz. Zh. (Ukraine)
Ukrayins'kyi Fizychnyi Zhurnal [English translation in: *Ukr. J. Phys. (UK)*] 'Naukova Dumka', Kiev, Repina 3, Ukraine.
INSPEC coverage is from Original Russian Journal

Ukr. J. Phys. (UK)
Ukrainian Journal of Physics [Translation of: *Ukr. Fiz. Zh. (Ukraine)*] V.E. Riecansky Science Publishing Co., 7 Meadow Walk, Great Abington, Cambridge CB1 6AZ, UK.

Ultra Sci. Phys. Sci. (India)
Ultra Scientist of Physical Sciences Dr. A.H. Ansari, P.O.Box 93, G.P.O. Bhopal-462 001, India.

Ultramicroscopy (Netherlands)
Ultramicroscopy Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Ultrapure Water (USA)
Ultrapure Water Talk Oaks Publishing Inc., 60 Golden Eagle Lane, Littleton, CO 80127-5750, USA.

Ultrason. Imaging (USA)
Ultrasonic Imaging Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

Ultrasonics (UK)
Ultrasonics Butterworth-Heinemann Ltd., Linacre House, Jordan Hill, Oxford OX2 8DP, UK.

Ultrasound Med. Biol. (UK)
Ultrasound in Medicine & Biology Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Union Burma J. Sci. Technol. (Burma)
Union of Burma Journal of Science and Technology Union of Burma Applied Resrarch Institute, Yankin P.O., Rangoon, Burma.

Univ. Comput. (UK)
University Computing [Title changed to: *Axis (UK)*]

Univ. Istanb. Fac. Sci. J. Astron. Phys. (Turkey)
University of Istanbul, Faculty of Science, The Journal of Astronomy and Physics Istanbul Universitesi, Fen Fakultesi, Fizik, Bolumu, 34459 Fem Fakultesi, Istanbul, Turkey.

Univ. Tripoli Bull. Fac. Eng. (Libya)
University of Tripoli Bulletin of the Faculty of Engineering P.O. Box 1098, Tripoli, Libya.

Univac Technol. Rev. (Japan)
Univac Technology Review Japan Univac Users Association, 2-17-51, Akasaka, Minato-ku, Tokyo 107, Japan.

Unix Rev. (USA)
Unix Review Miller Freeman Inc., 600 Harrison Street, San Francisco, CA 94107, USA.

Unmanned Syst. (USA)
Unmanned Systems Association for Unmanned Vehicle Systems - International, 1735 N. Lynn Street, Suite 950, Arlington, VA 22209-2022, USA.

URISA J. (USA)
URISA Journal Published for the Urban and Regional Information Systems Association, URISA, by the Universtiy of Wisconsin Press, 114 N. Murray Street, Madison, WI 53715, USA.

U.S. Bank. (USA)
United States Banker [Title changed to: *US Bank. (USA)*]

US Bank. (USA)
US Banker [Formerly: *U.S. Bank. (USA)*] General Banking Division, Faulkner & Gray Inc., Eleven Penn Plaza, New York, NY 10001, USA.

User Model. User-Adapt. Interact. (Netherlands)
User Modeling and User-Adapted Interaction Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Usp. Fiz. Nauk (Russia)
Uspekhi Fizicheskii Nauk [English translation in: *Phys.-Usp. (UK)*] Agent: Mezhdunarodnaya Kniga, Moskva, Russia.
INSPEC coverage is from English translation

USSR Comput. Math. Math. Phys. (UK)
U.S.S.R. Computational Mathematics and Mathematical Physics [Translation of: *Zh. Vychisl. Mat. Mat. Fiz. (Russia)*] Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.
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Util. Policies (UK)
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Vac. Sci. Technol. (China)
Vacuum Science and Technology Vacuum Science and Technology Publishing House, No.13 Jiuxianqiao Road, POB749-48, 100016 Beijing, China.

Vacuum (UK)
Vacuum Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Var. Star Bull. (Japan)
Variable Star Bulletin Variable Star Observer League in Japan, National Science Museum, Ueno Park, Taito-ku, Tokyo 110, Japan. Deposited with the Royal Astronomical Society library

VDE Fachber. (Germany)
VDE Fachberichte Verband Deutscher Elektrotechniker, Bismarckstrasse 33, 1000 Berlin 12, Germany.

VDI-Z (Germany)
VDI-Z VDI-Verlag GmbH, Verlag des Vereins Deutscher Ingenieure, Heinrichstrasse 24, Postfach 10 10 54, 40239 Dusseldorf, Germany.

Veh. Syst. Dyn. (Netherlands)
Vehicle System Dynamics Swetz & Zeitlinger, P.O.Box 825, 2160 SZ Lisse, Netherlands.

Verkstaederna (Sweden)
Verkstaederna Sveriges Verkstadsforening, Box 5510, 114 85 Stockholm, Sweden.

Vestn. Mashinostr. (Russia)
Vestnik Mashinostroeniya Mashinostroenie, Prospekt Mira, d. 106, Moskva, GSP-110, Russia.
Translation of selected articles appear in Soviet Engineering Research

Vestn. Mosk. Univ. 15, Vychisl. Mat. Kibern. (Russia)
Vestnik Moskovskogo Universiteta, Seriya 15 (Vychislitel'naya Matematika i Kibernetika) [English translation in: *Mosc. Univ. Comput. Math. Cybern. (USA)*] Izdatel'stvo Moskovskogo Universiteta, Moskva, 103009, ul. Gertsena 5-7, Russia.
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Vestn. Mosk. Univ. 3, Fiz. Astron. (Russia)
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Vestsi Akad. Navuk BSSR Ser. Fiz. Energ. Navuk (Byelorussia)
Vestsi Akademii Navuk BSSR, Serya Fizika Energetychnykh Navuk 'Navuk i Tekhnika', Leninski Prospekt 68, Minsk, Byelorussia.

VGB Kraftwerkstech. (Ger. Ed.) (Germany)
VGB Kraftwerkstechnik (German Edition) Klinkerstrasse 27-31, Postfach 10 39 32, 45039 Essen, Germany.

VHF Commun. (Germany)
VHF Communications [Title changed to: *VHF Commun. (UK)*]

VHF Commun. (UK)
VHF Communications [Formerly: *VHF Commun. (Germany)*] KM Publications, 5 Ware Orchard, Barby, Nr. Rugby, CV23 8UF, UK.

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Virtual Real. World (USA)
Virtual Reality World [Issued with: *Multimedia Rev. (USA)*]

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Virus Bulletin Virus Bulletin Ltd., 21 The Quadrant, Abingdon Science Park, Abingdon OX14 3YS, UK.

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Visual Computer Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

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Vychisl. Seismol. (Russia)
Vychislitel'naya Seismologiya [English translation in: *Comput. Seismol. (USA)*] Izdatel'stvo 'Nauka'. Subscription agent: Mezhdunarodnaya Kniga, Moskva 113095, Russia.

Vychisl. Tekh. Vopr. Kibern. (Russia)
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Waerme- & Stoffuebertrag. (Germany)
Waerme- und Stoffuebertragung Springer-Verlag, D-14197 Berlin, Heidelberger Platz 3, Germany.

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Wall Street & Technology Miller Freeman Inc., 600 Harrison Street, San Francisco, CA 94107, USA.

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What to Buy for Business Reed Business Publishing Group, Quadrant House, The Qudrant, Sutton, Surrey SM2 5AS, UK.
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What PC VNU Business Publications, VNU House, 32-34 Broadwick Street, London W1A 2HG, UK.

What's New Comput. (UK)
What's New in Computing Morgan-Grampian Ltd., Calderwood Street, London SE18 6QH, UK.

Which Comput. (UK)
Which Computer? EMAP Business Publishing, 33-39 Bowling Green Lane, London EC1R 0DA, UK.

Wind Eng. (UK)
Wind Engineering Multi-Science Publishing Co. Ltd., 107 High STreet, Brentwood, Essex CM14 4RX, UK.

Windows Mag. (UK)
Windows Magazine Dennis Publishing Ltd., 19 Bolsover Street, London W1P 7HJ, UK.

Windows Mag. (U.K. Ed.) (UK)
Windows Magazine (U.K. Edition) Dennis Publishing Ltd., 19 Bolsover Street, London W1P 7HJ, UK.

Windpower Mon. Newsmag. (Denmark)
Windpower Monthly Newsmagazine Vrinners Hoved, DK-8420 Knebel, Denmark.

Wire J. Int. (USA)
Wire Journal International Wire Journal Inc., 1570 Boston Post Road, P.O.Box H, Guildford, CT 06437, USA.

Wire Technol. Int. (USA)
Wire Technology International Initial Publications, 3869 Darrow Road, Suite 101, Stow, OH 44224, USA.

Wirtschaftsinformatik (Germany)
Wirtschaftsinformatik Friedr. Vieweg & Sohn Verlagsgesellschaft mbH, Faulbrunnenstrasse 13, Postfach 58 29, D-65048 Wiesbaden, Germany.

Wiss. Z. Karl-Marx-Univ. Leipz. Math.-Nat.wiss. Reihe (Germany)
Wissenschaftliche Zeitschrift Karl-Marx-Universitaet Leipzig, Mathematisch-Naturwissenschaftliche Reihe 701 Leipzig, Ritterstrasse 14, Germany.

Wiss. Z. Tech. Univ. Chemnitz-Zwickau (Germany)
Wissenschaftliche Zeitschrift der Technischen Universitaet Chemnitz-Zwickau PSF 964, O-9010 Chemnitz, Germany.

Wiss. Z. Tech. Univ. Dresd. (Germany)
Wissenschaftliche Zeitschrift der Technischen Universitaet Dresden Mommsenstrasse 13, 01069 Dresden, Germany.

Word Inf. Process. (UK)
Word & Information Processing Maclean Hunter Ltd., 76 Oxford Street, London W1, UK.

Work People (Australia)
Work and People Assistant Information Officer, Development Services Branch, Department of Industrial Relations, GPO Box 9879, Canberra, ACT 2601, Australia.

Work Process Improv. Today (USA)
Work Process Improvement Today Association for Work Process Improvement, Suite 630, 10 High Street, Boston, MA 02110, USA.

Workgr. Comput. Rep. (USA)
Workgroup Computing Report Patricia Seybold Group, 148 State Street, 7th Floor, Boston, MA 02109, USA.

Workstn. Mag. (UK)
Workstation Magazine VNU Business Publications, 32-34 Broadwick Street, London W1A 2HG, UK.

World (USA)
World Peat, Marwick, Mitchell & Co., 767 Fifth Avenue, New York, NY 10153, USA.

World Pat. Inf. (USA)
World Patent Information Pergamon Orbit InfoLine Inc., 1340 Old Chain Bridge Road, McLean, VA 22101, USA.
Not covered during the period 1983-1986

Wuli (China)
Wuli Science Press, Peking, China.

XIII Mag. (Belgium)
XIII Magazine [Title changed to: *I&T Mag. (Belgium)*]

XYZ-Dir. (UK)
XYZ-Direction Haymarket Trade & Leisure Publications Ltd., 38-42 Hampton Road, Teddington, Middx. TW11 0JE, UK.

Yad. Energ. (Bulgaria)
Yadrena Energiya Bulgarian Academy of Sciences, Institute of Nuclear Research and Nuclear Energy, 72 Lenin Boulevard, Sofia 1113, Bulgaria.

Yad. Fiz. (Russia)
Yadernaya Fizika [English translation in: *Phys. At. Nucl. (Russia)*] Izdatel'stvo 'Nauka', 103717 GSP Moskva K-62, Podsosenskii Per. 24, Russia.
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Yokogawa Tech. Rep. (Engl. Ed.) (Japan)
Yokogawa Technical Report (English Edition) Yokogawa Electric Corp., 9-32 Nakacho 2-chome, Musashino-shi, Tokyo 180, Japan.

Z. Angew. Math. Mech. (Germany)
Zeitschrift fur Angewandte Mathematik und Mechanik Akademie-Verlag, Leipziger Strasse 3-4, P.O.Box 1233, D-10117 Berlin, Germany.

Z. Angew. Math. Phys. (Switzerland)
Zeitschrift fur Angewandte Mathematik und Physik Birkhauser Verlag, P.O.Box 133, CH-4010 Basel, Switzerland.

Z. Kristallogr. (Germany)
Zeitschrift fur Kristallographie R. Oldenbourg Verlag, Postfach 80 13 60, D-81613 Munchen, Germany.

Z. Met.kd. (Germany)
Zeitschrift fur Metallkunde Carl Hanser Verlag, Postfach 86 04 20, 81631 Munchen, Germany.

Z. Nat.forsch. A, Phys. Phys. Chem. Kosmophys. (Germany)
Zeitschrift fur Naturforschung, Teil A (Physik, Physikalische Chemie, Kosmophysik) Verlag der Zeitschrift fur Naturforschung, Tubingen, P.O.Box 2645, 72016 Tubingen, Germany.

Z. Phys. A, Hadrons Nuclei (Germany)
Zeitschrift fur Physik A (Hadrons and Nuclei) Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

Z. Phys. B, Condens. Matter (Germany)
Zeitschrift fur Physik B (Condensed Matter) Springer-Verlag, Postfach 10 52 80, W-6900 Heidelberg 1, Germany.

Z. Phys. C, Part. Fields (Germany)
Zeitschrift fur Physik C (Particles and Fields) Springer-Verlag, P.O. Box 105280, W-6900 Heidelberg 1, Germany.

Z. Phys. Chem. (Germany)
Zeitschrift fur Physikalische Chemie R. Oldenbourg Verlag, Postfach 80 13 60, W-8000 Munchen 80, Germany.
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Z. Phys. D, At. Mol. Clusters (Germany)
Zeitschrift fur Physik D (Atoms, Molecules and Clusters) Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.
Supersedes in part Zeitschrift fur Physik A (Atoms and Nuclei)

Zavod. Lab. (Russia)
Zavodskaya Laboratoriya [English translation in: *Ind. Lab. (USA)*] 2-i, Obydenskii Per., D, 14, Moskva, G-34, Russia.
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Zb. Rad. Prir.-Mat. Fak. Ser. Fiz. (Serbia)
Zbornik Radova Prirodno-Matematickog Fakulteta, Serija za Fiziku University of Novi Sad, Faculty of Sciences, Novi Sad, PF 239, Serbia.

Zeiss Inf. Jena Rev. (Germany)
Zeiss Information with Jena Review Carl Zeiss, P.O.Box 1380, W-7082 Oberkochen, Germany.
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Zesz. Nauk. Politech. Lodz. Elektr. (Poland)
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Zh. Eksp. Teor. Fiz. (Russia)
Zhurnal Eksperimental'noi i Teoreticheskoi Fiziki [English translation in: *J. Exp. Theor. Phys. (USA)*] Rossiiskaya Akademiya Nauk, Leninskii Prosp. 14, Moskva Editorial address: 117334 Moskva V-334, Ul. Kosuytina 2, Russia.
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Zh. Fiz. Khim. (Russia)
Zhurnal Fizicheskoi Khimii [English translation in: *Russ. J. Phys. Chem. (UK)*] Izdatel'stvo 'Nauka', 103717 GSP Moskva, K-62 Podsosenskii Per. 21, Russia.
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Zhurnal Neorganicheskoi Khimii [English translation in: *Russ. J. Inorg. Chem. (UK)*] Izdatel'stvo 'Nauka', 103717 GSP Moskva, K-62 Podsosenskii Per. 21, Russia.

Zh. Prikl. Mekh. Tekh. Fiz. (Russia)
Zhurnal Prikladnoi Mekhaniki i Tehknicheskoi Fiziki [English translation in: *J. Appl. Mech. Tech. Phys. (USA)*] Sovetskaya 20, Novosibirsk, Russia.
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Zhurnal Prikladnoi Spektroskopii [English translation in: *J. Appl. Spectrosc. (USA)*] Editorial address: Institut Fiziki AN BSSR, Leninskii Prosp. 70, Minsk GSP, Byelorussia.
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Zh. Strukt. Khim. (Russia)
Zhurnal Strukturnoi Khimii [English translation in: *J. Struct. Chem. (USA)*] Editorial address: Director, Institute of Inorganic Chemistry, Siberian Branch, Academy of Sciences of the USSR, Russia.
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Zh. Vychisl. Mat. Mat. Fiz. (Russia)
Zhurnal Vychislitel'noi Matematiki i Matematicheskoi Fiziki [English translation in: *USSR Comput. Math. Math. Phys. (UK)*] Akademiya Nauk SSSR, Leninskii Prosp. 14, Moskva. Editorial address: ul. Vavilova 28, Moskva V-333, Russia.

Zisin, J. Seismol. Soc. Jpn. (Japan)
Zisin. Journal of the Seismological Society of Japan c/o Earthquake Research Institute, Tokyo University, 1-1-1 Yayoi, Bunkyo-ku, Tokyo, Japan.

ZOR, Methods Models Oper. Res. (Germany)
ZOR, Methods and Models of Operations Research Physica-Verlag GmbH & Co., Tiergartenstrasse 17, 69121 Heidelberg, Germany.
Formed by merger of Zeitschrift fur Operations Research, Serie A (Theorie) and Zeitschrift fur Operations Research, Serie B (Praxis)

ZWF Z. Wirtsch. Fert. Autom. (Germany)
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